Calibration Relative Standard Error

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Batch Data Path File Name	V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time Stamp	4/9/2025 5:04:28 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Generation Time	5/12/2025 11:32:43 AM	**Report Generator Name**	DESKTOP-OEF3GP1\Larry Garretson
Calibration Last Updated Time Stamp	4/9/2025 5:04:27 PM	**Batch State**	Processed
Analyze Quant Version	10.1	**Report Quant Version**	12.0

Instrument	GCMS 107
Processing Method	
Acquisition Method	GCMS_107

Compound	Relative Standard Error
Dichlorodifluoromethane	9.6
Chloromethane	3.9
Vinyl Chloride	4.3
Bromomethane	4.6
Chloroethane	3.3
Trichlorofluoromethane	28.6
1,1-Dichloroethylene	3.6
Acetone	7.4
Iodomethane	1.6
Carbon Disulfide	2.9
Dichloromethane	2.1
trans 1,2-Dichloroethylene	4.1
MTBE	4.2
1,1-Dichloroethane	1.8
2,2-Dichloropropane	4.1
cis 1,2-Dichloroethylene	2.7
2-Butanone (MEK)	4.8
Bromochloromethane	2.8
Chloroform	2.4
1,1,1-Trichloroethane	3.8
Pentafluorobenzene (S)	
1,1-Dichloropropylene	3.9
Carbon Tetrachloride	3.7
1,2-Dichloroethane-d4 (S)	
Benzene	2.6
1,2-Dichloroethane	2.2
Trichloroethylene	2.2
1,2-Dichloropropane	2.7
Dibromomethane	3.0
Methyl Methacrylate	2.4
Bromodichloromethane	2.8

Calibration Relative Standard Error

Compound	Relative Standard Error
cis 1,3-Dichloropropylene	2.6
4-Methyl-2-pentanone (MIBK)	2.5
Toluene	2.6
trans 1,3-Dichloropropylene	1.6
1,1,2-trichloroethane	2.3
Tetrachloroethylene	3.2
1,3-Dichloropropane	1.8
2-Hexanone	2.0
Dibromochloromethane	3.0
1,2-Dibromoethane (EDB)	3.5
Chlorobenzene	2.4
1,1,1,2-Tetrachloroethane	2.8
Ethylbenzene	1.9
m,p-Xylenes	1.8
o-Xylene	1.5
Styrene	2.1
Bromoform	3.1
Isopropylbenzene	2.2
4-Bromofluorobenzene (S)	
1,1,2,2-Tetrachloroethane	7.3
Bromobenzene	6.8
1,2,3-Trichloropropane	14.2
trans-1,4-Dichloro-2-butene	6.2
n-Propylbenzene	6.0
2-Chlorotoluene	6.2
1,3,5-Trimethylbenzene	6.0
4-Chlorotoluene	7.4
tert-Butylbenzene	7.3
1,2,4-Trimethylbenzene	5.8
sec-Butylbenzene	4.9
1,3-Dichlorobenzene	6.0
p-Isopropyltoluene	4.9
1,4-Dichlorobenzene	7.5
1,2-Dichlorobenzene-d4 (S)	
1,2-Dichlorobenzene	7.0
n-Butylbenzene	4.7
1,2-Dibromo-3-chloropropane	9.9
1,2,4-Trichlorobenzene	5.7
Hexachlorobutadiene	7.5
Naphthalene	6.2

Calibration Relative Standard Error

Compound	Relative Standard Error
1,2,3-Trichlorobenzene	5.0

Initial Calibration Report - GCMS 107

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Method Path
Method File
Batch Name C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\VOC Batch for SISS Website.batch.bin
Last Calib Update 5/12/2025 12:22:28 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
0.5	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040807.d	4/8/2025 8:05:26 PM	5/12/2025 12:22:28 PM
1.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040808.d	4/8/2025 8:33:51 PM	5/12/2025 12:22:28 PM
2.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040809.d	4/8/2025 9:02:27 PM	5/12/2025 12:22:28 PM
5.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040810.d	4/8/2025 9:30:55 PM	5/12/2025 12:22:28 PM
10.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040811.d	4/8/2025 9:59:22 PM	5/12/2025 12:22:28 PM
20.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040812.d	4/8/2025 10:27:43 PM	5/12/2025 12:22:28 PM
40.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040813.d	4/8/2025 10:56:09 PM	5/12/2025 12:22:28 PM
60.0	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\25040814.d	4/8/2025 11:24:45 PM	5/12/2025 12:22:28 PM

Compound	Curve Fit	0.5	1.0	2.0	5.0	10.0	20.0	40.0	60.0	Avg RF	%RSD
I Fluorobenzene				---------- ISTD ----------							
T Dichlorodifluoromethane	Linear	0.2888	0.3163	0.2864	0.2799	0.3351	0.3582	0.3464	0.3405	0.3190	9.574
T Chloromethane	Linear	0.3242	0.3573	0.3470	0.3172	0.3342	0.3463	0.3351	0.3324	0.3367	3.867
T Vinyl Chloride	Linear	0.3549	0.3454	0.3299	0.3124	0.3193	0.3437	0.3370	0.3271	0.3337	4.255
T Bromomethane	Linear	0.1989	0.2269	0.2229	0.2067	0.2236	0.2267	0.2200	0.2165	0.2178	4.621
T Chloroethane	Linear	0.1717	0.1838	0.1774	0.1701	0.1781	0.1879	0.1820	0.1768	0.1785	3.342
T Trichlorofluoromethane	Linear	0.4595	0.4835	0.2710	0.2502	0.2826	0.3002	0.2924	0.4706	0.3512	28.649
T 1,1-Dichloroethylene	Linear	0.3940	0.4271	0.4011	0.3850	0.4050	0.4255	0.4173	0.4089	0.4080	3.633
T Acetone	Linear	0.0127	0.0107	0.0114	0.0105	0.0106	0.0109	0.0101	0.0104	0.0109	7.406
T Iodomethane	Linear	0.5087	0.4970	0.4961	0.4897	0.4835	0.4868	0.4912	0.4916	0.4931	1.564
T Carbon Disulfide	Linear	0.8757	0.8424	0.8420	0.8093	0.8045	0.8156	0.8143	0.8148	0.8273	2.923
T Dichloromethane	Linear	0.3312	0.3334	0.3303	0.3126	0.3227	0.3247	0.3258	0.3191	0.3250	2.115
T trans 1,2-Dichloroethylene	Linear	0.4375	0.4002	0.4067	0.3831	0.3954	0.4179	0.4071	0.3958	0.4055	4.074
T MTBE	Linear	0.5276	0.5154	0.5538	0.5180	0.5713	0.5739	0.5544	0.5442	0.5448	4.167
T 1,1-Dichloroethane	Linear	0.4974	0.4937	0.4852	0.4728	0.4813	0.4961	0.4906	0.4794	0.4871	1.807
T 2,2-Dichloropropane	Linear	0.4962	0.5006	0.4678	0.4499	0.4600	0.4799	0.4665	0.4508	0.4714	4.087
T cis 1,2-Dichloroethylene	Linear	0.3002	0.3086	0.3203	0.2952	0.3123	0.3174	0.3136	0.3073	0.3094	2.730
T 2-Butanone (MEK)	Linear	0.0137	0.0149	0.0157	0.0159	0.0157	0.0149	0.0146	0.0150	0.0151	4.759
T Bromochloromethane	Linear	0.2170	0.2036	0.2159	0.2051	0.2139	0.2210	0.2171	0.2123	0.2132	2.838
T Chloroform	Linear	0.5187	0.5239	0.5141	0.4853	0.5131	0.5249	0.5168	0.5087	0.5132	2.436
T 1,1,1-Trichloroethane	Linear	0.4837	0.5191	0.4883	0.4800	0.4978	0.5310	0.5192	0.5119	0.5039	3.767
S Pentafluorobenzene (S)	Linear	0.7013	0.7116	0.6645	0.6532	0.7195	0.6861	0.7032	0.6813	0.6901	3.347
T 1,1-Dichloropropylene	Linear	0.4356	0.4032	0.3965	0.3835	0.4004	0.4190	0.4076	0.4004	0.4058	3.859
T Carbon Tetrachloride	Linear	0.4763	0.4922	0.4619	0.4424	0.4679	0.4966	0.4850	0.4778	0.4750	3.696

Compound	Curve Fit	0.5	1.0	2.0	5.0	10.0	20.0	40.0	60.0	Avg RF	%RSD
S 1,2-Dichloroethane-d4 (S)	Linear	0.2732	0.2693	0.2757	0.2617	0.2837	0.2689	0.2711	0.2627	0.2708	2.607
T Benzene	Linear	1.1826	1.1282	1.1466	1.0900	1.1496	1.1781	1.1574	1.1330	1.1457	2.583
T 1,2-Dichloroethane	Linear	0.3280	0.3333	0.3434	0.3335	0.3462	0.3483	0.3452	0.3377	0.3395	2.174
T Trichloroethylene	Linear	0.3431	0.3492	0.3463	0.3295	0.3422	0.3556	0.3482	0.3422	0.3445	2.189
T 1,2-Dichloropropane	Linear	0.3014	0.2932	0.2964	0.2770	0.2916	0.3027	0.2949	0.2886	0.2932	2.748
T Dibromomethane	Linear	0.1601	0.1613	0.1730	0.1630	0.1700	0.1724	0.1680	0.1666	0.1668	2.970
T Methyl Methacrylate	Linear	0.1590	0.1567	0.1660	0.1682	0.1651	0.1659	0.1645	0.1660	0.1639	2.402
T Bromodichloromethane	Linear	0.3664	0.3577	0.3773	0.3545	0.3738	0.3840	0.3786	0.3753	0.3710	2.813
T cis 1,3-Dichloropropylene	Linear	0.4368	0.4342	0.4518	0.4252	0.4506	0.4605	0.4532	0.4468	0.4449	2.635
T 4-Methyl-2-pentanone (MIBK)	Linear	0.1436	0.1464	0.1553	0.1527	0.1514	0.1521	0.1515	0.1528	0.1507	2.528
I Chlorobenzene-d5	---------- ISTD ----------										
T Toluene	Linear	1.8090	1.7577	1.7190	1.6530	1.7279	1.7737	1.7298	1.7369	1.7384	2.614
T trans 1,3-Dichloropropylene	Linear	0.5070	0.5085	0.4959	0.4888	0.5096	0.5126	0.5032	0.5091	0.5043	1.603
T 1,1,2-trichloroethane	Linear	0.2663	0.2491	0.2487	0.2522	0.2580	0.2581	0.2537	0.2564	0.2553	2.257
T Tetrachloroethylene	Linear	0.5432	0.5283	0.5149	0.4897	0.5058	0.5305	0.5105	0.5230	0.5182	3.207
T 1,3-Dichloropropane	Linear	0.4356	0.4207	0.4230	0.4225	0.4404	0.4388	0.4272	0.4297	0.4297	1.790
T 2-Hexanone	Linear	0.1339	0.1330	0.1390	0.1387	0.1390	0.1348	0.1336	0.1384	0.1363	1.994
T Dibromochloromethane	Linear	0.3325	0.3332	0.3574	0.3333	0.3480	0.3528	0.3460	0.3534	0.3446	2.956
T 1,2-Dibromoethane (EDB)	Linear	0.2494	0.2317	0.2446	0.2476	0.2593	0.2569	0.2496	0.2557	0.2494	3.496
T Chlorobenzene	Linear	1.1265	1.0914	1.0689	1.0453	1.0867	1.1199	1.0870	1.1056	1.0914	2.430
T 1,1,1,2-Tetrachloroethane	Linear	0.3982	0.4129	0.4136	0.3923	0.4154	0.4254	0.4188	0.4229	0.4125	2.804
T Ethylbenzene	Linear	1.9508	1.9845	1.9267	1.8803	1.9433	2.0013	1.9451	1.9570	1.9486	1.873
T m,p-Xylenes	Linear	1.5780	1.5794	1.5401	1.5092	1.5466	1.5962	1.5598	1.5756	1.5606	1.781
T o-Xylene	Linear	1.5566	1.5607	1.5548	1.5162	1.5680	1.5995	1.5600	1.5716	1.5609	1.475
T Styrene	Linear	1.2139	1.1764	1.1628	1.1615	1.1986	1.2259	1.1986	1.2172	1.1943	2.083
T Bromoform	Linear	0.2298	0.2084	0.2132	0.2146	0.2181	0.2215	0.2149	0.2235	0.2180	3.094
T Isopropylbenzene	Linear	2.0121	1.9887	1.9476	1.8943	1.9483	2.0338	1.9667	1.9846	1.9720	2.192
S 4-Bromofluorobenzene (S)	Linear	0.5442	0.5157	0.5222	0.5035	0.5439	0.5208	0.5265	0.5255	0.5253	2.595
I 1,4-Dichlorobenzene-d4	---------- ISTD ----------										
T 1,1,2,2-Tetrachloroethane	Linear	0.5245	0.4636	0.5021	0.4925	0.4944	0.4757	0.4392	0.4180	0.4762	7.321
T Bromobenzene	Linear	0.8796	0.9127	0.8899	0.8550	0.8600	0.8489	0.7792	0.7400	0.8457	6.850
T 1,2,3-Trichloropropane	Linear	0.1838	0.1397	0.1480	0.1365	0.1393	0.1344	0.1235	0.1176	0.1404	14.239
T trans-1,4-Dichloro-2-butene	Linear	0.1207	0.1158	0.1253	0.1214	0.1190	0.1130	0.1070	0.1050	0.1159	6.170
T n-Propylbenzene	Linear	0.9990	1.0063	0.9841	0.9351	0.9673	0.9630	0.8887	0.8417	0.9482	6.033
T 2-Chlorotoluene	Linear	2.4153	2.3701	2.3564	2.2842	2.3275	2.2831	2.1128	2.0052	2.2693	6.167
T 1,3,5-Trimethylbenzene	Linear	3.0924	3.0343	3.0136	2.9260	2.9435	2.9221	2.7181	2.5666	2.9021	6.042
T 4-Chlorotoluene	Linear	0.8992	0.8960	0.8771	0.8342	0.8484	0.8220	0.7647	0.7251	0.8333	7.448
T tert-Butylbenzene	Linear	0.6431	0.6317	0.5808	0.5665	0.5842	0.5837	0.5390	0.5177	0.5808	7.255
T 1,2,4-Trimethylbenzene	Linear	3.1256	3.0874	3.0726	2.9250	3.0060	2.9655	2.7727	2.6221	2.9471	5.844
T sec-Butylbenzene	Linear	3.7359	3.7380	3.6779	3.5139	3.6455	3.6842	3.4255	3.2391	3.5825	4.930
T 1,3-Dichlorobenzene	Linear	1.7476	1.6371	1.7126	1.6366	1.6837	1.6362	1.5187	1.4570	1.6287	5.960
T p-Isopropyltoluene	Linear	3.2597	3.3109	3.2670	3.1473	3.2201	3.2567	3.0230	2.8597	3.1680	4.856
T 1,4-Dichlorobenzene	Linear	1.7774	1.7679	1.7220	1.6102	1.6488	1.6203	1.4882	1.4404	1.6344	7.527

Compound	Curve Fit	0.5	1.0	2.0	5.0	10.0	20.0	40.0	60.0	Avg RF	%RSD
S 1,2-Dichlorobenzene-d4 (S)	Linear	0.9505	0.9507	0.9409	0.9081	0.9476	0.8697	0.8306	0.7828	0.8976	7.115
T 1,2-Dichlorobenzene	Linear	1.5872	1.5410	1.5901	1.5052	1.5271	1.4839	1.3680	1.2970	1.4874	6.995
T n-Butylbenzene	Linear	2.9188	2.8723	2.8507	2.7947	2.8399	2.9218	2.6672	2.5453	2.8013	4.690
T 1,2-Dibromo-3-chloropropane	Linear	0.1316	0.1185	0.1188	0.1153	0.1130	0.1086	0.0994	0.0971	0.1128	9.890
T 1,2,4-Trichlorobenzene	Linear	1.2808	1.2039	1.2373	1.1874	1.2231	1.2030	1.1101	1.0706	1.1895	5.736
T Hexachlorobutadiene	Linear	0.6882	0.6229	0.5978	0.5625	0.6026	0.6054	0.5602	0.5472	0.5983	7.500
T Naphthalene	Linear	1.9300	1.8406	2.0062	1.9242	1.9547	1.8846	1.7440	1.6591	1.8679	6.192
T 1,2,3-Trichlorobenzene	Linear	1.0505	1.0376	1.0503	1.0364	1.0684	1.0358	0.9628	0.9197	1.0202	5.020

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Dichlorodifluoromethane	Linear	y = 0.344034 * x - 0.012890	0.998275
T Chloromethane	Linear	y = 0.334902 * x + 9.279071E-004	0.999607
T Vinyl Chloride	Linear	y = 0.331260 * x + 0.001260	0.999327
T Bromomethane	Linear	y = 0.219446 * x - 8.603798E-004	0.999521
T Chloroethane	Linear	y = 0.179982 * x - 7.650433E-004	0.999353
T Trichlorofluoromethane	Linear	y = 0.372723 * x - 0.011041	0.937864
T 1,1-Dichloroethylene	Linear	y = 0.413146 * x - 0.002649	0.999536
T Acetone	Linear	y = 0.010303 * x + 0.002708	0.998838
T Iodomethane	Linear	y = 0.488510 * x + 0.020512	0.999928
T Carbon Disulfide	Linear	y = 0.809207 * x + 0.081307	0.999885
T Dichloromethane	Linear	y = 0.321824 * x + 0.001622	0.999856
T trans 1,2-Dichloroethylene	Linear	y = 0.401655 * x + 0.001954	0.999437
T MTBE	Linear	y = 0.553327 * x - 0.004372	0.999368
T 1,1-Dichloroethane	Linear	y = 0.484947 * x + 0.001090	0.999771
T 2,2-Dichloropropane	Linear	y = 0.459499 * x + 0.006142	0.999399
T cis 1,2-Dichloroethylene	Linear	y = 0.310833 * x - 7.573729E-004	0.999713
T 2-Butanone (MEK)	Linear	y = 0.015079 * x - 9.964617E-005	0.998581
T Bromochloromethane	Linear	y = 0.215052 * x - 9.281294E-004	0.999662
T Chloroform	Linear	y = 0.513073 * x + 5.778530E-005	0.999736
T 1,1,1-Trichloroethane	Linear	y = 0.515625 * x - 0.006029	0.999528
S Pentafluorobenzene (S)	Linear	y = 0.690119 * x - 5.888520E-006	0.999500
T 1,1-Dichloropropylene	Linear	y = 0.404512 * x + 6.501717E-004	0.999570
T Carbon Tetrachloride	Linear	y = 0.481226 * x - 0.003188	0.999449
S 1,2-Dichloroethane-d4 (S)	Linear	y = 0.267372 * x + 0.001747	0.999466
T Benzene	Linear	y = 1.146669 * x - 5.069341E-004	0.999672
T 1,2-Dichloroethane	Linear	y = 0.342223 * x - 0.001421	0.999796
T Trichloroethylene	Linear	y = 0.345633 * x - 5.625273E-004	0.999700
T 1,2-Dichloropropane	Linear	y = 0.292348 * x + 4.509076E-004	0.999571
T Dibromomethane	Linear	y = 0.168166 * x - 6.932636E-004	0.999777
T Methyl Methacrylate	Linear	y = 0.166325 * x - 0.010814	0.999865
T Bromodichloromethane	Linear	y = 0.377287 * x - 0.003249	0.999787
T cis 1,3-Dichloropropylene	Linear	y = 0.450731 * x - 0.003008	0.999751
T 4-Methyl-2-pentanone (MIBK)	Linear	y = 0.152929 * x - 0.009952	0.999888
T Toluene	Linear	y = 1.736401 * x + 0.001019	0.999813
T trans 1,3-Dichloropropylene	Linear	y = 0.507390 * x - 0.001565	0.999895
T 1,1,2-trichloroethane	Linear	y = 0.255755 * x - 2.273220E-004	0.999922
T Tetrachloroethylene	Linear	y = 0.517976 * x + 1.354012E-004	0.999610
T 1,3-Dichloropropane	Linear	y = 0.430786 * x - 5.387730E-004	0.999853
T 2-Hexanone	Linear	y = 0.136900 * x - 0.002641	0.999535
T Dibromochloromethane	Linear	y = 0.350578 * x - 0.003088	0.999805
T 1,2-Dibromoethane (EDB)	Linear	y = 0.254306 * x - 0.002543	0.999755
T Chlorobenzene	Linear	y = 1.099092 * x - 0.003947	0.999767
T 1,1,1,2-Tetrachloroethane	Linear	y = 0.421170 * x - 0.004481	0.999795

T Ethylbenzene	Linear	y = 1.956957 * x - 0.004272	0.999834
T m,p-Xylenes	Linear	y = 1.570161 * x - 0.004907	0.999853
T o-Xylene	Linear	y = 1.570795 * x - 0.005077	0.999883
T Styrene	Linear	y = 1.210544 * x - 0.008327	0.999844
T Bromoform	Linear	y = 0.220002 * x - 0.001032	0.999628
T Isopropylbenzene	Linear	y = 1.981352 * x - 0.004804	0.999761
S 4-Bromofluorobenzene (S)	Linear	y = 0.525628 * x - 1.770865E-004	0.999805
T 1,1,2,2-Tetrachloroethane	Linear	y = 0.438054 * x + 0.019625	0.996278
T Bromobenzene	Linear	y = 0.775448 * x + 0.036088	0.996519
T 1,2,3-Trichloropropane	Linear	y = 0.122765 * x + 0.009052	0.996563
T trans-1,4-Dichloro-2-butene	Linear	y = 0.108248 * x + 0.034366	0.995651
T n-Propylbenzene	Linear	y = 0.881049 * x + 0.034487	0.996964
T 2-Chlorotoluene	Linear	y = 2.098675 * x + 0.087696	0.996875
T 1,3,5-Trimethylbenzene	Linear	y = 2.688214 * x + 0.109906	0.997046
T 4-Chlorotoluene	Linear	y = 0.758559 * x + 0.038434	0.996832
T tert-Butylbenzene	Linear	y = 0.536899 * x + 0.022578	0.997740
T 1,2,4-Trimethylbenzene	Linear	y = 2.741033 * x + 0.105898	0.997300
T sec-Butylbenzene	Linear	y = 3.384735 * x + 0.101634	0.997425
T 1,3-Dichlorobenzene	Linear	y = 1.516233 * x + 0.057794	0.997291
T p-Isopropyltoluene	Linear	y = 2.990046 * x + 0.091474	0.997342
T 1,4-Dichlorobenzene	Linear	y = 1.492122 * x + 0.073114	0.997452
S 1,2-Dichlorobenzene-d4 (S)	Linear	y = 0.820508 * x + 0.039621	0.996430
T 1,2-Dichlorobenzene	Linear	y = 1.360616 * x + 0.065177	0.996341
T n-Butylbenzene	Linear	y = 2.656036 * x + 0.074674	0.997223
T 1,2-Dibromo-3-chloropropane	Linear	y = 0.100357 * x + 0.006396	0.996984
T 1,2,4-Trichlorobenzene	Linear	y = 1.111154 * x + 0.040269	0.997513
T Hexachlorobutadiene	Linear	y = 0.561310 * x + 0.019034	0.998449
T Naphthalene	Linear	y = 1.739118 * x + 0.066202	0.996376
T 1,2,3-Trichlorobenzene	Linear	y = 0.959905 * x + 0.030979	0.997106

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Quantitation Results Report (Not Reviewed)

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Data File	25040807.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 8:05:26 PM
Sample Name	CAL 0.5 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.706		418678	4.0000	ug/L		0.000
38) Chlorobenzene-d5	9.843		308000	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		169285	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.037		36704	0.5081	ug/L		0.003
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.307		14296	0.5044	ug/L		0.003
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		20950	0.5180	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.546		20113	0.5295	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.332		15113	0.4527	ug/L		83
3) Chloromethane	1.502		16968	0.4815	ug/L		76
4) Vinyl Chloride	1.608		18571	0.5317	ug/L		94
5) Bromomethane	1.910		10407	0.4566	ug/L		80
6) Chloroethane	1.990		8987	0.4811	ug/L		97
7) Trichlorofluoromethane	2.283		24047	0.6541	ug/L		69
9) 1,1-Dichloroethylene	2.799		20622	0.4829	ug/L		91
10) Acetone	2.919		6645	5.8203	ug/L		96
11) Iodomethane	2.961		266231	5.1584	ug/L		100
12) Carbon Disulfide	3.039		458288	5.2922	ug/L		100
13) Dichloromethane	3.427		17333	0.5096	ug/L		94
15) trans 1,2-Dichloroethylene	3.842		22899	0.5396	ug/L		97
16) MTBE	3.984		27613	0.4842	ug/L		66
17) 1,1-Dichloroethane	4.489		26029	0.5106	ug/L		88
18) 2,2-Dichloropropane	5.309		25967	0.5262	ug/L		98
19) cis 1,2-Dichloroethylene	5.309		15711	0.4852	ug/L		92
20) 2-Butanone (MEK)	5.432		7182	4.5571	ug/L		89
21) Bromochloromethane	5.602		11356	0.5088	ug/L		97
22) Chloroform	5.736		27144	0.5053	ug/L		99
24) 1,1,1-Trichloroethane	5.942		25314	0.4800	ug/L		98
25) 1,1-Dichloropropylene	6.143		22796	0.5367	ug/L		97
26) Carbon Tetrachloride	6.143		24927	0.5013	ug/L		99
28) Benzene	6.374		61892	0.5161	ug/L		99
29) 1,2-Dichloroethane	6.397		17166	0.4831	ug/L		95
30) Trichloroethylene	7.119		17958	0.4980	ug/L		99
31) 1,2-Dichloropropane	7.345		15771	0.5139	ug/L		94
32) Dibromomethane	7.459		8379	0.4799	ug/L		90
33) Methyl Methacrylate	7.554		83227	4.8510	ug/L		98
34) Bromodichloromethane	7.646		19174	0.4938	ug/L		99
36) cis 1,3-Dichloropropylene	8.123		22862	0.4910	ug/L		93
37) 4-Methyl-2-pentanone (MIBK)	8.340		75151	4.7640	ug/L		98
39) Toluene	8.466		69647	0.5203	ug/L		99
40) trans 1,3-Dichloropropylene	8.692		19520	0.5026	ug/L	#	49

41) 1,1,2-trichloroethane	8.870	10254	0.5216	ug/L		93
42) Tetrachloroethylene	9.023	20912	0.5241	ug/L		99
43) 1,3-Dichloropropane	9.035	16770	0.5068	ug/L		81
44) 2-Hexanone	9.180	51560	4.9124	ug/L		97
45) Dibromochloromethane	9.258	12801	0.4825	ug/L		89
46) 1,2-Dibromoethane (EDB)	9.364	9602	0.5001	ug/L		100
47) Chlorobenzene	9.871	43372	0.5161	ug/L		95
48) 1,1,1,2-Tetrachloroethane	9.958	15331	0.4827	ug/L		96
49) Ethylbenzene	9.994	75106	0.5006	ug/L		99
50) m,p-Xylenes	10.114	60754	0.5056	ug/L		99
51) o-Xylene	10.507	59930	0.4986	ug/L		95
52) Styrene	10.515	46734	0.5082	ug/L		97
53) Bromoform	10.677	8848	0.5272	ug/L		96
54) Isopropylbenzene	10.881	77464	0.5102	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.157	11099	0.5507	ug/L		95
57) Bromobenzene	11.160	18613	0.5201	ug/L		93
59) 1,2,3-Trichloropropane	11.199	3890	0.6547	ug/L	#	31
60) trans-1,4-Dichloro-2-butene	11.218	25550	5.2085	ug/L		97
61) n-Propylbenzene	11.291	21140	0.5268	ug/L		100
62) 2-Chlorotoluene	11.363	51109	0.5322	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472	65437	0.5328	ug/L		98
64) 4-Chlorotoluene	11.472	19029	0.5395	ug/L		96
65) tert-Butylbenzene	11.795	13609	0.5536	ug/L		92
66) 1,2,4-Trimethylbenzene	11.840	66140	0.5303	ug/L		98
67) sec-Butylbenzene	12.016	79054	0.5214	ug/L		99
68) 1,3-Dichlorobenzene	12.108	36980	0.5365	ug/L		98
69) p-Isopropyltoluene	12.164	68978	0.5145	ug/L		97
70) 1,4-Dichlorobenzene	12.194	37610	0.5437	ug/L		88
73) 1,2-Dichlorobenzene	12.562	33585	0.5335	ug/L		98
71) n-Butylbenzene	12.571	61763	0.5210	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	2785	0.5833	ug/L		92
75) 1,2,4-Trichlorobenzene	14.180	27103	0.5384	ug/L		99
76) Hexachlorobutadiene	14.369	14563	0.5751	ug/L		92
77) Naphthalene	14.417	40840	0.5166	ug/L		94
78) 1,2,3-Trichlorobenzene	14.662	22229	0.5148	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Data File	25040808.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 8:33:51 PM
Sample Name	CAL 1 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		424504	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		315185	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		174019	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.037		75522	1.0312	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.307		28580	0.9946	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		40635	0.9818	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.546		41358	1.0591	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.335		33568	0.9917	ug/L	98
3) Chloromethane	1.500		37916	1.0611	ug/L	95
4) Vinyl Chloride	1.603		36652	1.0349	ug/L	95
5) Bromomethane	1.907		24077	1.0418	ug/L	100
6) Chloroethane	1.988		19508	1.0299	ug/L	99
7) Trichlorofluoromethane	2.280		51309	1.3765	ug/L	92
9) 1,1-Dichloroethylene	2.799		45328	1.0469	ug/L	97
10) Acetone	2.919		11378	9.8298	ug/L	95
11) Iodomethane	2.958		527448	10.0795	ug/L	100
12) Carbon Disulfide	3.036		894037	10.1825	ug/L	100
13) Dichloromethane	3.427		35380	1.0258	ug/L	97
15) trans 1,2-Dichloroethylene	3.839		42468	0.9870	ug/L	99
16) MTBE	3.979		54693	0.9459	ug/L	98
17) 1,1-Dichloroethane	4.489		52397	1.0137	ug/L	99
18) 2,2-Dichloropropane	5.309		53132	1.0619	ug/L	98
19) cis 1,2-Dichloroethylene	5.309		32753	0.9976	ug/L	98
20) 2-Butanone (MEK)	5.429		15784	9.8774	ug/L	91
21) Bromochloromethane	5.599		21606	0.9547	ug/L	96
22) Chloroform	5.736		55595	1.0208	ug/L	96
24) 1,1,1-Trichloroethane	5.942		55085	1.0301	ug/L	98
25) 1,1-Dichloropropylene	6.140		42793	0.9937	ug/L	95
26) Carbon Tetrachloride	6.143		52235	1.0362	ug/L	97
28) Benzene	6.371		119731	0.9847	ug/L	98
29) 1,2-Dichloroethane	6.394		35371	0.9818	ug/L	98
30) Trichloroethylene	7.116		37055	1.0134	ug/L	98
31) 1,2-Dichloropropane	7.345		31117	0.9999	ug/L	94
32) Dibromomethane	7.462		17119	0.9670	ug/L	98
33) Methyl Methacrylate	7.551		166285	9.5590	ug/L	98
34) Bromodichloromethane	7.646		37966	0.9644	ug/L	100
36) cis 1,3-Dichloropropylene	8.123		46080	0.9760	ug/L	96
37) 4-Methyl-2-pentanone (MIBK)	8.340		155343	9.7124	ug/L	99
39) Toluene	8.466		138504	1.0111	ug/L	99
40) trans 1,3-Dichloropropylene	8.692		40069	1.0083	ug/L	81

41) 1,1,2-trichloroethane	8.870	19629	0.9757	ug/L		98
42) Tetrachloroethylene	9.023	41628	1.0194	ug/L		99
43) 1,3-Dichloropropane	9.037	33152	0.9790	ug/L		95
44) 2-Hexanone	9.180	104769	9.7543	ug/L		98
45) Dibromochloromethane	9.258	26254	0.9670	ug/L		97
46) 1,2-Dibromoethane (EDB)	9.361	18260	0.9293	ug/L		98
47) Chlorobenzene	9.871	86001	1.0000	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958	32533	1.0010	ug/L		98
49) Ethylbenzene	9.994	156374	1.0184	ug/L		99
50) m,p-Xylenes	10.114	124454	1.0121	ug/L		99
51) o-Xylene	10.507	122975	0.9998	ug/L		99
52) Styrene	10.515	92692	0.9849	ug/L		98
53) Bromoform	10.677	16419	0.9558	ug/L		98
54) Isopropylbenzene	10.881	156701	1.0085	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.160	20170	0.9735	ug/L		97
57) Bromobenzene	11.162	39708	1.0793	ug/L		94
59) 1,2,3-Trichloropropane	11.199	6079	0.9954	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221	50375	9.9899	ug/L		98
61) n-Propylbenzene	11.291	43780	1.0614	ug/L		99
62) 2-Chlorotoluene	11.363	103112	1.0444	ug/L		97
63) 1,3,5-Trimethylbenzene	11.472	132008	1.0456	ug/L		100
64) 4-Chlorotoluene	11.472	38982	1.0752	ug/L		94
65) tert-Butylbenzene	11.795	27481	1.0875	ug/L		94
66) 1,2,4-Trimethylbenzene	11.840	134315	1.0476	ug/L		98
67) sec-Butylbenzene	12.016	162620	1.0434	ug/L		98
68) 1,3-Dichlorobenzene	12.108	71223	1.0052	ug/L		93
69) p-Isopropyltoluene	12.164	144040	1.0451	ug/L		99
70) 1,4-Dichlorobenzene	12.197	76913	1.0817	ug/L		99
73) 1,2-Dichlorobenzene	12.562	67041	1.0360	ug/L		98
71) n-Butylbenzene	12.571	124958	1.0253	ug/L		98
74) 1,2-Dibromo-3-chloropropane	13.332	5156	1.0507	ug/L		93
75) 1,2,4-Trichlorobenzene	14.180	52377	1.0121	ug/L		98
76) Hexachlorobutadiene	14.369	27097	1.0410	ug/L		99
77) Naphthalene	14.417	80077	0.9854	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662	45139	1.0170	ug/L		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Data File	25040809.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 9:02:27 PM
Sample Name	CAL 2 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.703		404441	4.0000	ug/L		-0.003
38) Chlorobenzene-d5	9.843		307012	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		170142	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.031		134381	1.9259	ug/L		-0.003
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.302		55748	2.0362	ug/L		-0.003
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		80155	1.9881	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.545		80044	2.0965	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.321		57906	1.7956	ug/L		89
3) Chloromethane	1.491		70170	2.0611	ug/L		98
4) Vinyl Chloride	1.594		66722	1.9774	ug/L		98
5) Bromomethane	1.898		45074	2.0470	ug/L		97
6) Chloroethane	1.976		35882	1.9882	ug/L		95
7) Trichlorofluoromethane	2.269		54792	1.5428	ug/L	#	45
9) 1,1-Dichloroethylene	2.788		81113	1.9663	ug/L		98
10) Acetone	2.911		22962	20.8213	ug/L	#	71
11) Iodomethane	2.947		1003244	20.1229	ug/L		99
12) Carbon Disulfide	3.025		1702739	20.3551	ug/L		100
13) Dichloromethane	3.413		66795	2.0328	ug/L		98
15) trans 1,2-Dichloroethylene	3.831		82234	2.0059	ug/L		98
16) MTBE	3.970		111989	2.0329	ug/L		99
17) 1,1-Dichloroethane	4.478		98121	1.9924	ug/L		99
18) 2,2-Dichloropropane	5.303		94592	1.9844	ug/L		96
19) cis 1,2-Dichloroethylene	5.300		64765	2.0705	ug/L		98
20) 2-Butanone (MEK)	5.423		31836	20.9115	ug/L		97
21) Bromochloromethane	5.593		43649	2.0244	ug/L		99
22) Chloroform	5.730		103967	2.0037	ug/L		99
24) 1,1,1-Trichloroethane	5.939		98752	1.9383	ug/L		100
25) 1,1-Dichloropropylene	6.137		80172	1.9541	ug/L		98
26) Carbon Tetrachloride	6.137		93403	1.9447	ug/L		98
28) Benzene	6.369		231857	2.0015	ug/L		98
29) 1,2-Dichloroethane	6.391		69452	2.0235	ug/L		99
30) Trichloroethylene	7.113		70037	2.0105	ug/L		96
31) 1,2-Dichloropropane	7.342		59939	2.0217	ug/L		98
32) Dibromomethane	7.459		34992	2.0746	ug/L		98
33) Methyl Methacrylate	7.551		335621	20.2506	ug/L		99
34) Bromodichloromethane	7.643		76305	2.0343	ug/L		98
36) cis 1,3-Dichloropropylene	8.123		91355	2.0309	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.337		314085	20.6115	ug/L		99
39) Toluene	8.463		263870	1.9776	ug/L		100
40) trans 1,3-Dichloropropylene	8.692		76120	1.9664	ug/L		90

41) 1,1,2-trichloroethane	8.867	38179	1.9483	ug/L		97
42) Tetrachloroethylene	9.023	79047	1.9873	ug/L		98
43) 1,3-Dichloropropane	9.035	64935	1.9687	ug/L		98
44) 2-Hexanone	9.177	213449	20.4017	ug/L		98
45) Dibromochloromethane	9.255	54870	2.0747	ug/L		98
46) 1,2-Dibromoethane (EDB)	9.361	37549	1.9619	ug/L		98
47) Chlorobenzene	9.871	164078	1.9587	ug/L		98
48) 1,1,1,2-Tetrachloroethane	9.958	63497	2.0058	ug/L		99
49) Ethylbenzene	9.994	295752	1.9774	ug/L		100
50) m,p-Xylenes	10.114	236412	1.9737	ug/L		97
51) o-Xylene	10.504	238669	1.9921	ug/L		100
52) Styrene	10.515	178491	1.9471	ug/L		98
53) Bromoform	10.677	32735	1.9565	ug/L		98
54) Isopropylbenzene	10.881	298970	1.9753	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.160	42712	2.1085	ug/L		95
57) Bromobenzene	11.160	75706	2.1046	ug/L		96
59) 1,2,3-Trichloropropane	11.196	12590	2.1084	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.218	106609	21.6236	ug/L		97
61) n-Propylbenzene	11.291	83721	2.0759	ug/L		97
62) 2-Chlorotoluene	11.363	200460	2.0767	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472	256366	2.0768	ug/L		99
64) 4-Chlorotoluene	11.472	74616	2.1050	ug/L		100
65) tert-Butylbenzene	11.793	49406	1.9998	ug/L		98
66) 1,2,4-Trimethylbenzene	11.840	261386	2.0852	ug/L		100
67) sec-Butylbenzene	12.016	312882	2.0533	ug/L		100
68) 1,3-Dichlorobenzene	12.108	145693	2.1030	ug/L		98
69) p-Isopropyltoluene	12.163	277924	2.0625	ug/L		98
70) 1,4-Dichlorobenzene	12.194	146492	2.1072	ug/L		99
73) 1,2-Dichlorobenzene	12.565	135274	2.1381	ug/L		97
71) n-Butylbenzene	12.571	242512	2.0352	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	10103	2.1057	ug/L		98
75) 1,2,4-Trichlorobenzene	14.180	105255	2.0803	ug/L		100
76) Hexachlorobutadiene	14.372	50858	1.9983	ug/L		99
77) Naphthalene	14.417	170668	2.1480	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662	89353	2.0591	ug/L		95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

Data File	25040810.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 9:30:55 PM
Sample Name	CAL 5 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.709		404055	4.0000	ug/L		0.003
38) Chlorobenzene-d5	9.843		301476	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		169774	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.037		329918	4.7327	ug/L		0.003
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.305		132159	4.8318	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		189748	4.7928	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.546		192719	5.0586	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.332		141383	4.3883	ug/L		95
3) Chloromethane	1.500		160196	4.7100	ug/L		99
4) Vinyl Chloride	1.603		157786	4.6808	ug/L		97
5) Bromomethane	1.907		104417	4.7467	ug/L		99
6) Chloroethane	1.988		85922	4.7655	ug/L		98
7) Trichlorofluoromethane	2.281		126366	3.5616	ug/L	#	35
9) 1,1-Dichloroethylene	2.799		194464	4.7185	ug/L		99
10) Acetone	2.916		31851	28.9087	ug/L		91
11) Iodomethane	2.958		1484024	29.7948	ug/L		99
12) Carbon Disulfide	3.036		2452362	29.3444	ug/L		100
13) Dichloromethane	3.427		157885	4.8095	ug/L		98
15) trans 1,2-Dichloroethylene	3.842		193499	4.7245	ug/L		100
16) MTBE	3.979		261606	4.7535	ug/L		99
17) 1,1-Dichloroethane	4.489		238816	4.8539	ug/L		99
18) 2,2-Dichloropropane	5.309		227219	4.7712	ug/L		99
19) cis 1,2-Dichloroethylene	5.309		149106	4.7715	ug/L		99
20) 2-Butanone (MEK)	5.426		48233	31.7122	ug/L		99
21) Bromochloromethane	5.599		103606	4.8098	ug/L		99
22) Chloroform	5.733		245096	4.7280	ug/L		99
24) 1,1,1-Trichloroethane	5.942		242450	4.7633	ug/L		99
25) 1,1-Dichloropropylene	6.143		193674	4.7250	ug/L		99
26) Carbon Tetrachloride	6.143		223451	4.6568	ug/L		98
28) Benzene	6.374		550545	4.7572	ug/L		98
29) 1,2-Dichloroethane	6.394		168424	4.9118	ug/L		99
30) Trichloroethylene	7.116		166436	4.7822	ug/L		99
31) 1,2-Dichloropropane	7.345		139914	4.7237	ug/L		100
32) Dibromomethane	7.459		82330	4.8858	ug/L		98
33) Methyl Methacrylate	7.551		509698	30.7834	ug/L		99
34) Bromodichloromethane	7.646		179065	4.7786	ug/L		100
36) cis 1,3-Dichloropropylene	8.123		214755	4.7789	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.338		462666	30.3910	ug/L		100
39) Toluene	8.466		622937	4.7545	ug/L		99
40) trans 1,3-Dichloropropylene	8.692		184201	4.8459	ug/L		98

41) 1,1,2-trichloroethane	8.870	95022	4.9381	ug/L		99
42) Tetrachloroethylene	9.024	184551	4.7249	ug/L		99
43) 1,3-Dichloropropane	9.035	159218	4.9158	ug/L		98
44) 2-Hexanone	9.177	313702	30.5346	ug/L		99
45) Dibromochloromethane	9.255	125610	4.8368	ug/L		98
46) 1,2-Dibromoethane (EDB)	9.361	93325	4.9657	ug/L		98
47) Chlorobenzene	9.871	393924	4.7888	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958	147845	4.7560	ug/L		98
49) Ethylbenzene	9.994	708599	4.8248	ug/L		99
50) m,p-Xylenes	10.114	568734	4.8353	ug/L		98
51) o-Xylene	10.504	571374	4.8568	ug/L		100
52) Styrene	10.516	437710	4.8626	ug/L		99
53) Bromoform	10.677	80869	4.9221	ug/L		98
54) Isopropylbenzene	10.881	713860	4.8030	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.157	104512	5.1704	ug/L		99
57) Bromobenzene	11.160	181449	5.0552	ug/L		97
59) 1,2,3-Trichloropropane	11.199	28975	4.8630	ug/L	#	40
60) trans-1,4-Dichloro-2-butene	11.218	154568	31.4190	ug/L		100
61) n-Propylbenzene	11.291	198454	4.9314	ug/L		98
62) 2-Chlorotoluene	11.363	484751	5.0328	ug/L		100
63) 1,3,5-Trimethylbenzene	11.472	620953	5.0412	ug/L		100
64) 4-Chlorotoluene	11.472	177023	5.0049	ug/L		99
65) tert-Butylbenzene	11.796	120225	4.8768	ug/L		99
66) 1,2,4-Trimethylbenzene	11.840	620732	4.9625	ug/L		100
67) sec-Butylbenzene	12.013	745720	4.9043	ug/L		99
68) 1,3-Dichlorobenzene	12.108	347326	5.0244	ug/L		98
69) p-Isopropyltoluene	12.164	667904	4.9672	ug/L		100
70) 1,4-Dichlorobenzene	12.194	341709	4.9259	ug/L		98
73) 1,2-Dichlorobenzene	12.562	319430	5.0597	ug/L		99
71) n-Butylbenzene	12.571	593086	4.9882	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	24479	5.1128	ug/L		96
75) 1,2,4-Trichlorobenzene	14.180	251981	4.9910	ug/L		99
76) Hexachlorobutadiene	14.369	119373	4.7005	ug/L		99
77) Naphthalene	14.417	408340	5.1505	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662	219948	5.0796	ug/L		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Data File	25040811.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 9:59:22 PM
Sample Name	CAL 10 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		400977	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		302513	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		173895	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		721286	10.4263	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.304		284345	10.4756	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		411362	10.3549	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.545		411951	10.5568	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.326		335899	10.5057	ug/L	100
3) Chloromethane	1.494		335003	9.9251	ug/L	100
4) Vinyl Chloride	1.600		320087	9.5684	ug/L	100
5) Bromomethane	1.904		224160	10.2682	ug/L	100
6) Chloroethane	1.985		178562	9.9795	ug/L	100
7) Trichlorofluoromethane	2.275		283309	8.0463	ug/L	100
9) 1,1-Dichloroethylene	2.793		405968	9.9261	ug/L	100
10) Acetone	2.910		42322	38.7072	ug/L	100
11) Iodomethane	2.952		1938864	39.2254	ug/L	100
12) Carbon Disulfide	3.033		3225970	38.8974	ug/L	100
13) Dichloromethane	3.421		323468	9.9292	ug/L	100
15) trans 1,2-Dichloroethylene	3.836		396347	9.7515	ug/L	100
16) MTBE	3.976		572696	10.4860	ug/L	100
17) 1,1-Dichloroethane	4.483		482468	9.8814	ug/L	100
18) 2,2-Dichloropropane	5.306		461087	9.7563	ug/L	100
19) cis 1,2-Dichloroethylene	5.306		313016	10.0936	ug/L	100
20) 2-Butanone (MEK)	5.423		62802	41.6078	ug/L	100
21) Bromochloromethane	5.596		214459	10.0323	ug/L	100
22) Chloroform	5.733		514401	9.9993	ug/L	100
24) 1,1,1-Trichloroethane	5.939		499066	9.8801	ug/L	100
25) 1,1-Dichloropropylene	6.140		401387	9.8677	ug/L	100
26) Carbon Tetrachloride	6.142		469060	9.8504	ug/L	100
28) Benzene	6.371		1152363	10.0338	ug/L	100
29) 1,2-Dichloroethane	6.393		347019	10.1978	ug/L	100
30) Trichloroethylene	7.116		343041	9.9323	ug/L	100
31) 1,2-Dichloropropane	7.344		292344	9.9456	ug/L	100
32) Dibromomethane	7.459		170447	10.1927	ug/L	100
33) Methyl Methacrylate	7.551		661860	40.2800	ug/L	100
34) Bromodichloromethane	7.646		374690	10.0758	ug/L	100
36) cis 1,3-Dichloropropylene	8.122		451677	10.1281	ug/L	100
37) 4-Methyl-2-pentanone (MIBK)	8.337		606935	40.1735	ug/L	100
39) Toluene	8.465		1306793	9.9398	ug/L	100
40) trans 1,3-Dichloropropylene	8.691		385410	10.1044	ug/L	100

41) 1,1,2-trichloroethane	8.870	195118	10.1051	ug/L	100
42) Tetrachloroethylene	9.023	382544	9.7604	ug/L	100
43) 1,3-Dichloropropane	9.034	333059	10.2479	ug/L	100
44) 2-Hexanone	9.177	420627	40.8020	ug/L	100
45) Dibromochloromethane	9.255	263222	10.1009	ug/L	100
46) 1,2-Dibromoethane (EDB)	9.361	196076	10.3973	ug/L	100
47) Chlorobenzene	9.871	821814	9.9564	ug/L	100
48) 1,1,1,2-Tetrachloroethane	9.957	314163	10.0716	ug/L	100
49) Ethylbenzene	9.994	1469712	9.9728	ug/L	100
50) m,p-Xylenes	10.114	1169642	9.9100	ug/L	100
51) o-Xylene	10.507	1185825	10.0452	ug/L	100
52) Styrene	10.515	906445	10.0353	ug/L	100
53) Bromoform	10.677	164913	10.0029	ug/L	100
54) Isopropylbenzene	10.880	1473486	9.8799	ug/L	100
58) 1,1,2,2-Tetrachloroethane	11.157	214916	10.3804	ug/L	100
57) Bromobenzene	11.159	373854	10.1689	ug/L	100
59) 1,2,3-Trichloropropane	11.196	60575	9.9258	ug/L	100
60) trans-1,4-Dichloro-2-butene	11.218	206897	41.0595	ug/L	100
61) n-Propylbenzene	11.290	420527	10.2021	ug/L	100
62) 2-Chlorotoluene	11.363	1011828	10.2562	ug/L	100
63) 1,3,5-Trimethylbenzene	11.472	1279642	10.1427	ug/L	100
64) 4-Chlorotoluene	11.472	368821	10.1804	ug/L	100
65) tert-Butylbenzene	11.795	253979	10.0582	ug/L	100
66) 1,2,4-Trimethylbenzene	11.840	1306808	10.1998	ug/L	100
67) sec-Butylbenzene	12.015	1584822	10.1758	ug/L	100
68) 1,3-Dichlorobenzene	12.107	731947	10.3375	ug/L	100
69) p-Isopropyltoluene	12.163	1399888	10.1643	ug/L	100
70) 1,4-Dichlorobenzene	12.194	716772	10.0879	ug/L	100
73) 1,2-Dichlorobenzene	12.565	663878	10.2665	ug/L	100
71) n-Butylbenzene	12.570	1234595	10.1375	ug/L	100
74) 1,2-Dibromo-3-chloropropane	13.332	49146	10.0217	ug/L	100
75) 1,2,4-Trichlorobenzene	14.179	531712	10.2821	ug/L	100
76) Hexachlorobutadiene	14.372	261965	10.0708	ug/L	100
77) Naphthalene	14.416	849801	10.4648	ug/L	100
78) 1,2,3-Trichlorobenzene	14.665	464475	10.4727	ug/L	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

Data File	25040812.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 10:27:43 PM
Sample Name	CAL 20 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.706		398047	4.0000	ug/L		0.000
38) Chlorobenzene-d5	9.843		302054	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		179978	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.034		1365563	19.8848	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.304		535198	19.8626	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		786576	19.8300	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.545		782663	19.3789	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.324		712997	22.4641	ug/L		100
3) Chloromethane	1.494		689309	20.5725	ug/L		97
4) Vinyl Chloride	1.597		683967	20.5964	ug/L		99
5) Bromomethane	1.901		451158	20.8186	ug/L		100
6) Chloroethane	1.979		373972	21.0544	ug/L		97
7) Trichlorofluoromethane	2.272		597389	17.0915	ug/L		98
9) 1,1-Dichloroethylene	2.790		846829	20.8579	ug/L		99
10) Acetone	2.908		64955	59.8450	ug/L	#	85
11) Iodomethane	2.949		2906767	59.2401	ug/L		99
12) Carbon Disulfide	3.030		4869716	59.1493	ug/L		100
13) Dichloromethane	3.418		646325	19.9857	ug/L		98
15) trans 1,2-Dichloroethylene	3.833		831656	20.6122	ug/L		97
16) MTBE	3.967		1142288	21.0692	ug/L		100
17) 1,1-Dichloroethane	4.483		987318	20.3701	ug/L		100
18) 2,2-Dichloropropane	5.306		955134	20.3589	ug/L		99
19) cis 1,2-Dichloroethylene	5.303		631789	20.5227	ug/L		99
20) 2-Butanone (MEK)	5.423		89045	59.4287	ug/L		90
21) Bromochloromethane	5.596		439825	20.7264	ug/L		98
22) Chloroform	5.733		1044714	20.4573	ug/L		99
24) 1,1,1-Trichloroethane	5.939		1056906	21.0777	ug/L		98
25) 1,1-Dichloropropylene	6.140		833956	20.6529	ug/L		99
26) Carbon Tetrachloride	6.140		988402	20.9095	ug/L		99
28) Benzene	6.371		2344655	20.5655	ug/L		100
29) 1,2-Dichloroethane	6.391		693256	20.5226	ug/L		99
30) Trichloroethylene	7.116		707667	20.6403	ug/L		99
31) 1,2-Dichloropropane	7.342		602360	20.6433	ug/L		99
32) Dibromomethane	7.459		343143	20.6710	ug/L		99
33) Methyl Methacrylate	7.551		990389	60.7176	ug/L		99
34) Bromodichloromethane	7.646		764267	20.7032	ug/L		99
36) cis 1,3-Dichloropropylene	8.122		916522	20.7028	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.337		907895	60.5367	ug/L		99
39) Toluene	8.465		2678789	20.4065	ug/L		100
40) trans 1,3-Dichloropropylene	8.691		774121	20.3262	ug/L		98

41) 1,1,2-trichloroethane	8.870	389813	20.2190	ug/L		99
42) Tetrachloroethylene	9.023	801182	20.4727	ug/L		99
43) 1,3-Dichloropropane	9.034	662645	20.4199	ug/L		99
44) 2-Hexanone	9.177	610924	59.3513	ug/L		100
45) Dibromochloromethane	9.255	532750	20.4749	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361	388044	20.6079	ug/L		99
47) Chlorobenzene	9.871	1691392	20.5225	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.957	642544	20.6303	ug/L		99
49) Ethylbenzene	9.994	3022523	20.5405	ug/L		99
50) m,p-Xylenes	10.114	2410686	20.4560	ug/L		99
51) o-Xylene	10.507	2415698	20.4945	ug/L		100
52) Styrene	10.518	1851464	20.5287	ug/L		100
53) Bromoform	10.677	334486	20.3193	ug/L		98
54) Isopropylbenzene	10.880	3071568	20.6266	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.159	428048	19.9759	ug/L		99
57) Bromobenzene	11.159	763933	20.0768	ug/L		89
59) 1,2,3-Trichloropropane	11.198	120986	19.1546	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.218	305174	58.5156	ug/L		98
61) n-Propylbenzene	11.290	866586	20.3129	ug/L		99
62) 2-Chlorotoluene	11.363	2054499	20.1211	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472	2629575	20.1380	ug/L		100
64) 4-Chlorotoluene	11.472	739683	19.7270	ug/L		98
65) tert-Butylbenzene	11.795	525282	20.0993	ug/L		99
66) 1,2,4-Trimethylbenzene	11.840	2668585	20.1246	ug/L		99
67) sec-Butylbenzene	12.015	3315374	20.5677	ug/L		99
68) 1,3-Dichlorobenzene	12.107	1472402	20.0922	ug/L		98
69) p-Isopropyltoluene	12.163	2930642	20.5595	ug/L		100
70) 1,4-Dichlorobenzene	12.197	1458078	19.8274	ug/L		99
73) 1,2-Dichlorobenzene	12.565	1335352	19.9525	ug/L		100
71) n-Butylbenzene	12.570	2629335	20.8603	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	97735	19.2562	ug/L		99
75) 1,2,4-Trichlorobenzene	14.179	1082563	20.2267	ug/L		99
76) Hexachlorobutadiene	14.372	544776	20.2351	ug/L		99
77) Naphthalene	14.416	1695980	20.1789	ug/L		100
78) 1,2,3-Trichlorobenzene	14.665	932121	20.3064	ug/L		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Data File	25040813.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 10:56:09 PM
Sample Name	CAL 40 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.709		397513	4.0000	ug/L	0.003
38) Chlorobenzene-d5	9.843		304648	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		190384	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		2795230	40.7577	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.307		1077476	40.0417	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		1604038	40.0942	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.546		1581264	37.0125	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.329		1377055	43.4446	ug/L	97
3) Chloromethane	1.500		1332008	39.8073	ug/L	99
4) Vinyl Chloride	1.603		1339748	40.3982	ug/L	98
5) Bromomethane	1.904		874710	40.4176	ug/L	99
6) Chloroethane	1.985		723410	40.7823	ug/L	96
7) Trichlorofluoromethane	2.275		1162453	33.3029	ug/L	99
9) 1,1-Dichloroethylene	2.796		1658709	40.9099	ug/L	99
10) Acetone	2.913		80581	74.3414	ug/L	95
11) Iodomethane	2.955		3904924	79.6896	ug/L	100
12) Carbon Disulfide	3.033		6473883	78.7398	ug/L	100
13) Dichloromethane	3.424		1295033	40.0990	ug/L	99
15) trans 1,2-Dichloroethylene	3.839		1618428	40.1659	ug/L	98
16) MTBE	3.973		2203752	40.7022	ug/L	98
17) 1,1-Dichloroethane	4.486		1950310	40.2925	ug/L	99
18) 2,2-Dichloropropane	5.309		1854444	39.5811	ug/L	99
19) cis 1,2-Dichloroethylene	5.306		1246586	40.5479	ug/L	99
20) 2-Butanone (MEK)	5.426		116329	77.7417	ug/L	88
21) Bromochloromethane	5.599		863193	40.7320	ug/L	98
22) Chloroform	5.733		2054182	40.2785	ug/L	100
24) 1,1,1-Trichloroethane	5.942		2063829	41.2140	ug/L	98
25) 1,1-Dichloropropylene	6.143		1620446	40.1842	ug/L	99
26) Carbon Tetrachloride	6.143		1928117	40.8439	ug/L	100
28) Benzene	6.374		4600771	40.4087	ug/L	100
29) 1,2-Dichloroethane	6.394		1372317	40.6797	ug/L	99
30) Trichloroethylene	7.119		1384207	40.4270	ug/L	99
31) 1,2-Dichloropropane	7.345		1172407	40.2333	ug/L	99
32) Dibromomethane	7.459		667896	40.2881	ug/L	98
33) Methyl Methacrylate	7.551		1307759	80.2823	ug/L	99
34) Bromodichloromethane	7.646		1505070	40.8257	ug/L	99
36) cis 1,3-Dichloropropylene	8.123		1801376	40.7449	ug/L	99
37) 4-Methyl-2-pentanone (MIBK)	8.337		1204687	80.4342	ug/L	99
39) Toluene	8.466		5269758	39.8021	ug/L	100
40) trans 1,3-Dichloropropylene	8.692		1533083	39.9116	ug/L	97

41) 1,1,2-trichloroethane	8.870	772791	39.7422	ug/L		99
42) Tetrachloroethylene	9.023	1555189	39.4016	ug/L		99
43) 1,3-Dichloropropane	9.035	1301541	39.7664	ug/L		100
44) 2-Hexanone	9.177	813814	78.3888	ug/L		99
45) Dibromochloromethane	9.255	1053974	40.1619	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361	760283	40.0326	ug/L		99
47) Chlorobenzene	9.871	3311507	39.8381	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958	1275993	40.6198	ug/L		100
49) Ethylbenzene	9.997	5925752	39.9275	ug/L		99
50) m,p-Xylenes	10.117	4751963	39.9797	ug/L		99
51) o-Xylene	10.507	4752514	39.9765	ug/L		100
52) Styrene	10.518	3651548	40.1430	ug/L		99
53) Bromoform	10.677	654704	39.4332	ug/L		100
54) Isopropylbenzene	10.881	5991368	39.8914	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.160	836111	36.8864	ug/L		99
57) Bromobenzene	11.162	1483532	36.8575	ug/L		91
59) 1,2,3-Trichloropropane	11.196	235201	35.2018	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221	407602	73.8839	ug/L		98
61) n-Propylbenzene	11.291	1691861	37.4899	ug/L		99
62) 2-Chlorotoluene	11.363	4022509	37.2418	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472	5174877	37.4646	ug/L		100
64) 4-Chlorotoluene	11.472	1455936	36.7068	ug/L		99
65) tert-Butylbenzene	11.795	1026107	37.1169	ug/L		98
66) 1,2,4-Trimethylbenzene	11.840	5278787	37.6330	ug/L		100
67) sec-Butylbenzene	12.016	6521625	38.2471	ug/L		99
68) 1,3-Dichlorobenzene	12.108	2891440	37.2997	ug/L		98
69) p-Isopropyltoluene	12.163	5755246	38.1683	ug/L		99
70) 1,4-Dichlorobenzene	12.197	2833359	36.4229	ug/L		100
73) 1,2-Dichlorobenzene	12.565	2604527	36.7891	ug/L		99
71) n-Butylbenzene	12.571	5078000	38.0852	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	189323	35.2625	ug/L		98
75) 1,2,4-Trichlorobenzene	14.180	2113420	37.3290	ug/L		100
76) Hexachlorobutadiene	14.372	1066493	37.4485	ug/L		100
77) Naphthalene	14.417	3320250	37.3455	ug/L		100
78) 1,2,3-Trichlorobenzene	14.665	1833012	37.7499	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (Not Reviewed)

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Data File	25040814.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 11:24:45 PM
Sample Name	CAL 60 PPB	Vial	1
Multiplier	1	Sample Info	
DA Method File		Tune File	atune.u
Tune Date	4/8/2025 5:18:37 PM	Batch Name	MHQ-CALIBRATION 040825-1.batch.bin

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		401441	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		298270	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		199033	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		4102597	59.2353	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.304		1582124	58.2203	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		2350942	60.0203	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.545		2336995	52.3247	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.326		2050433	64.0560	ug/L	98
3) Chloromethane	1.494		2001398	59.2269	ug/L	98
4) Vinyl Chloride	1.597		1969814	58.8158	ug/L	99
5) Bromomethane	1.901		1303510	59.6418	ug/L	100
6) Chloroethane	1.982		1064734	59.4372	ug/L	98
7) Trichlorofluoromethane	2.272		2833774	80.3899	ug/L	71
9) 1,1-Dichloroethylene	2.790		2462233	60.1336	ug/L	99
10) Acetone	2.908		125302	114.4685	ug/L	100
11) Iodomethane	2.952		5920273	119.6357	ug/L	100
12) Carbon Disulfide	3.030		9813269	118.1879	ug/L	100
13) Dichloromethane	3.418		1921774	58.9230	ug/L	99
15) trans 1,2-Dichloroethylene	3.833		2383269	58.5689	ug/L	99
16) MTBE	3.967		3276953	59.9316	ug/L	100
17) 1,1-Dichloroethane	4.483		2886687	59.0540	ug/L	99
18) 2,2-Dichloropropane	5.306		2714262	57.3661	ug/L	99
19) cis 1,2-Dichloroethylene	5.303		1850182	59.5924	ug/L	99
20) 2-Butanone (MEK)	5.420		180566	119.4903	ug/L	92
21) Bromochloromethane	5.596		1278634	59.7453	ug/L	99
22) Chloroform	5.732		3063437	59.4803	ug/L	100
24) 1,1,1-Trichloroethane	5.939		3082713	60.9584	ug/L	98
25) 1,1-Dichloropropylene	6.140		2411061	59.2051	ug/L	99
26) Carbon Tetrachloride	6.140		2877130	60.3508	ug/L	99
28) Benzene	6.371		6822677	59.3375	ug/L	100
29) 1,2-Dichloroethane	6.393		2033651	59.6938	ug/L	99
30) Trichloroethylene	7.116		2060296	59.5841	ug/L	99
31) 1,2-Dichloropropane	7.344		1737834	59.0534	ug/L	99
32) Dibromomethane	7.459		1003300	59.9279	ug/L	99
33) Methyl Methacrylate	7.551		1999273	121.5329	ug/L	99
34) Bromodichloromethane	7.645		2260025	60.7043	ug/L	99
36) cis 1,3-Dichloropropylene	8.122		2690198	60.2536	ug/L	99
37) 4-Methyl-2-pentanone (MIBK)	8.337		1839785	121.6363	ug/L	99
39) Toluene	8.465		7770978	59.9488	ug/L	99
40) trans 1,3-Dichloropropylene	8.691		2277963	60.5716	ug/L	97

41) 1,1,2-trichloroethane	8.870	1147258	60.2615	ug/L		99
42) Tetrachloroethylene	9.023	2339794	60.5476	ug/L		99
43) 1,3-Dichloropropane	9.034	1922449	59.9932	ug/L		100
44) 2-Hexanone	9.176	1238139	121.8112	ug/L		99
45) Dibromochloromethane	9.255	1580928	61.5298	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361	1144037	61.5273	ug/L		99
47) Chlorobenzene	9.871	4946370	60.7782	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.957	1891860	61.5131	ug/L		100
49) Ethylbenzene	9.996	8755921	60.2586	ug/L		100
50) m,p-Xylenes	10.116	7049113	60.5745	ug/L		99
51) o-Xylene	10.507	7031208	60.4088	ug/L		100
52) Styrene	10.518	5445610	61.1460	ug/L		99
53) Bromoform	10.677	999818	61.5073	ug/L		99
54) Isopropylbenzene	10.880	8879282	60.3838	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.159	1248057	52.6674	ug/L		100
57) Bromobenzene	11.162	2209263	52.5027	ug/L		90
59) 1,2,3-Trichloropropane	11.198	351217	50.2814	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221	626709	108.6639	ug/L		98
61) n-Propylbenzene	11.290	2512792	53.2612	ug/L		99
62) 2-Chlorotoluene	11.366	5986528	53.0169	ug/L		100
63) 1,3,5-Trimethylbenzene	11.472	7662538	53.0638	ug/L		100
64) 4-Chlorotoluene	11.474	2164834	52.2077	ug/L		100
65) tert-Butylbenzene	11.795	1545518	53.4759	ug/L		99
66) 1,2,4-Trimethylbenzene	11.842	7828218	53.3830	ug/L		99
67) sec-Butylbenzene	12.015	9670418	54.2492	ug/L		99
68) 1,3-Dichlorobenzene	12.107	4349784	53.6740	ug/L		99
69) p-Isopropyltoluene	12.163	8537776	54.1612	ug/L		100
70) 1,4-Dichlorobenzene	12.197	4300345	52.8788	ug/L		99
73) 1,2-Dichlorobenzene	12.565	3872178	52.3179	ug/L		99
71) n-Butylbenzene	12.570	7599042	54.5164	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332	289854	51.6411	ug/L		98
75) 1,2,4-Trichlorobenzene	14.179	3196170	54.0003	ug/L		99
76) Hexachlorobutadiene	14.372	1633805	54.8758	ug/L		100
77) Naphthalene	14.419	4953346	53.2931	ug/L		100
78) 1,2,3-Trichlorobenzene	14.662	2745683	54.0886	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (Not Reviewed)

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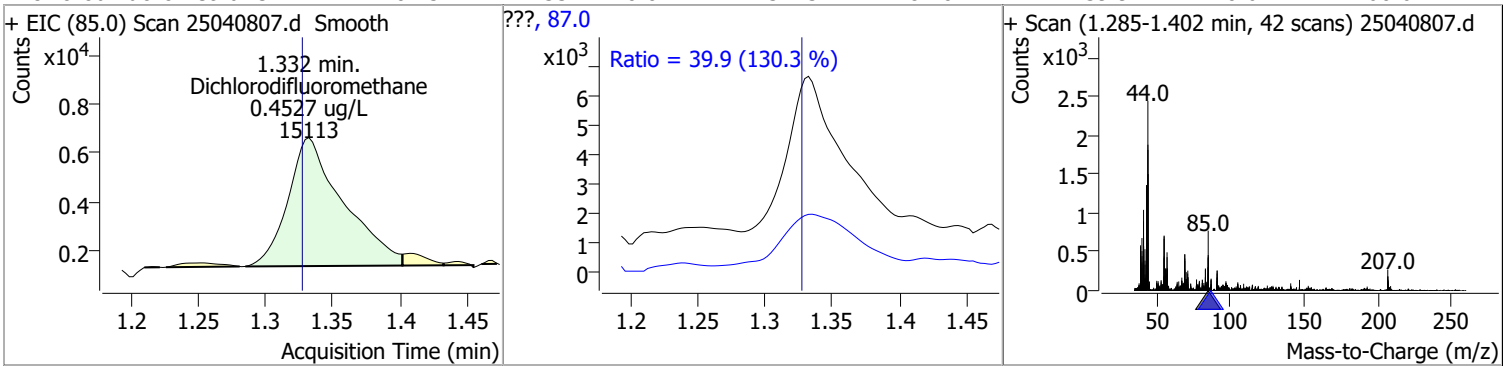
Data File	25040807.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 8:05:26 PM
Sample Name	CAL 0.5 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		418678	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		308000	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		169285	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.037		36704	0.5081	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.307		14296	0.5044	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		20950	0.5180	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.546		20113	0.5295	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.332		15113	0.4527	ug/L	83
3) Chloromethane	1.502		16968	0.4815	ug/L	76
4) Vinyl Chloride	1.608		18571	0.5317	ug/L	94
5) Bromomethane	1.910		10407	0.4566	ug/L	80
6) Chloroethane	1.990		8987	0.4811	ug/L	97
7) Trichlorofluoromethane	2.283		24047	0.6541	ug/L	69
9) 1,1-Dichloroethylene	2.799		20622	0.4829	ug/L	91
10) Acetone	2.919		6645	5.8203	ug/L	96
11) Iodomethane	2.961		266231	5.1584	ug/L	100
12) Carbon Disulfide	3.039		458288	5.2922	ug/L	100
13) Dichloromethane	3.427		17333	0.5096	ug/L	94
15) trans 1,2-Dichloroethylene	3.842		22899	0.5396	ug/L	97
16) MTBE	3.984		27613	0.4842	ug/L	66
17) 1,1-Dichloroethane	4.489		26029	0.5106	ug/L	88
18) 2,2-Dichloropropane	5.309		25967	0.5262	ug/L	98
19) cis 1,2-Dichloroethylene	5.309		15711	0.4852	ug/L	92
20) 2-Butanone (MEK)	5.432		7182	4.5571	ug/L	89
21) Bromochloromethane	5.602		11356	0.5088	ug/L	97
22) Chloroform	5.736		27144	0.5053	ug/L	99
24) 1,1,1-Trichloroethane	5.942		25314	0.4800	ug/L	98
25) 1,1-Dichloropropylene	6.143		22796	0.5367	ug/L	97
26) Carbon Tetrachloride	6.143		24927	0.5013	ug/L	99
28) Benzene	6.374		61892	0.5161	ug/L	99
29) 1,2-Dichloroethane	6.397		17166	0.4831	ug/L	95
30) Trichloroethylene	7.119		17958	0.4980	ug/L	99
31) 1,2-Dichloropropane	7.345		15771	0.5139	ug/L	94
32) Dibromomethane	7.459		8379	0.4799	ug/L	90
33) Methyl Methacrylate	7.554		83227	4.8510	ug/L	98
34) Bromodichloromethane	7.646		19174	0.4938	ug/L	99
36) cis 1,3-Dichloropropylene	8.123		22862	0.4910	ug/L	93
37) 4-Methyl-2-pentanone (MIBK)	8.340		75151	4.7640	ug/L	98

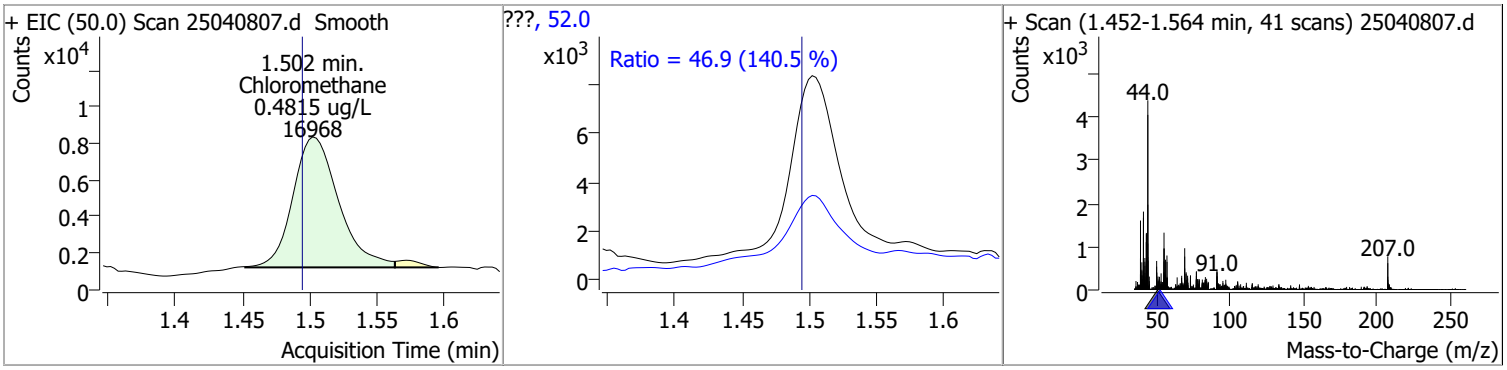
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.466		69647	0.5203	ug/L		99
40) trans 1,3-Dichloropropylene	8.692		19520	0.5026	ug/L	#	49
41) 1,1,2-trichloroethane	8.870		10254	0.5216	ug/L		93
42) Tetrachloroethylene	9.023		20912	0.5241	ug/L		99
43) 1,3-Dichloropropane	9.035		16770	0.5068	ug/L		81
44) 2-Hexanone	9.180		51560	4.9124	ug/L		97
45) Dibromochloromethane	9.258		12801	0.4825	ug/L		89
46) 1,2-Dibromoethane (EDB)	9.364		9602	0.5001	ug/L		100
47) Chlorobenzene	9.871		43372	0.5161	ug/L		95
48) 1,1,1,2-Tetrachloroethane	9.958		15331	0.4827	ug/L		96
49) Ethylbenzene	9.994		75106	0.5006	ug/L		99
50) m,p-Xylenes	10.114		60754	0.5056	ug/L		99
51) o-Xylene	10.507		59930	0.4986	ug/L		95
52) Styrene	10.515		46734	0.5082	ug/L		97
53) Bromoform	10.677		8848	0.5272	ug/L		96
54) Isopropylbenzene	10.881		77464	0.5102	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.157		11099	0.5507	ug/L		95
57) Bromobenzene	11.160		18613	0.5201	ug/L		93
59) 1,2,3-Trichloropropane	11.199		3890	0.6547	ug/L	#	31
60) trans-1,4-Dichloro-2-butene	11.218		25550	5.2085	ug/L		97
61) n-Propylbenzene	11.291		21140	0.5268	ug/L		100
62) 2-Chlorotoluene	11.363		51109	0.5322	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472		65437	0.5328	ug/L		98
64) 4-Chlorotoluene	11.472		19029	0.5395	ug/L		96
65) tert-Butylbenzene	11.795		13609	0.5536	ug/L		92
66) 1,2,4-Trimethylbenzene	11.840		66140	0.5303	ug/L		98
67) sec-Butylbenzene	12.016		79054	0.5214	ug/L		99
68) 1,3-Dichlorobenzene	12.108		36980	0.5365	ug/L		98
69) p-Isopropyltoluene	12.164		68978	0.5145	ug/L		97
70) 1,4-Dichlorobenzene	12.194		37610	0.5437	ug/L		88
73) 1,2-Dichlorobenzene	12.562		33585	0.5335	ug/L		98
71) n-Butylbenzene	12.571		61763	0.5210	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		2785	0.5833	ug/L		92
75) 1,2,4-Trichlorobenzene	14.180		27103	0.5384	ug/L		99
76) Hexachlorobutadiene	14.369		14563	0.5751	ug/L		92
77) Naphthalene	14.417		40840	0.5166	ug/L		94
78) 1,2,3-Trichlorobenzene	14.662		22229	0.5148	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

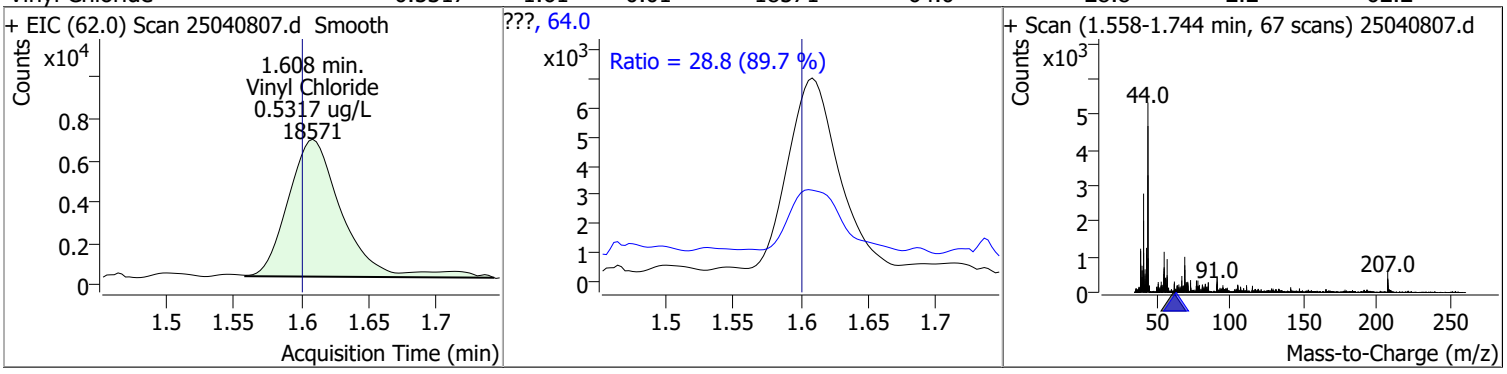
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	0.4527	1.33	0.01	15113	87.0	39.9	0.6	60.6



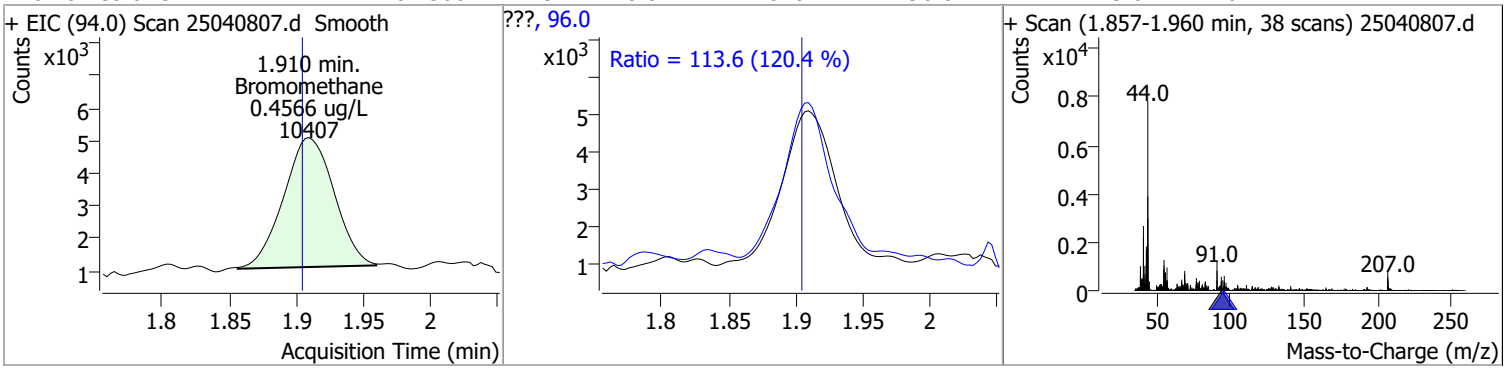
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4815	1.50	0.01	16968	52.0	46.9	3.4	63.4



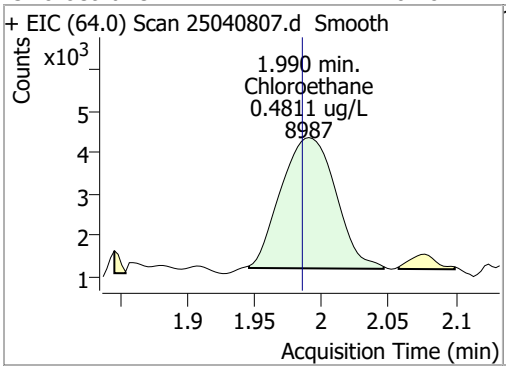
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	0.5317	1.61	0.01	18571	64.0	28.8	2.2	62.2

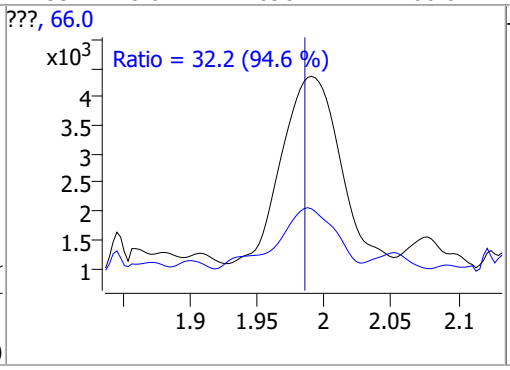


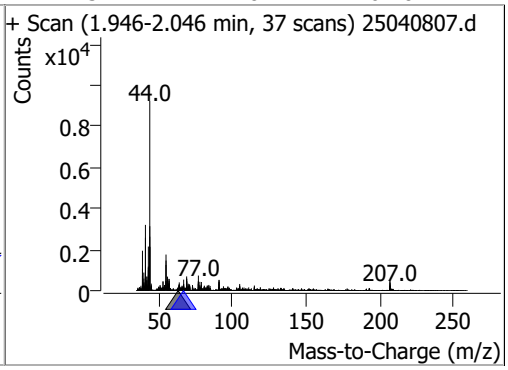
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	0.4566	1.91	0.01	10407	96.0	113.6	64.4	124.4



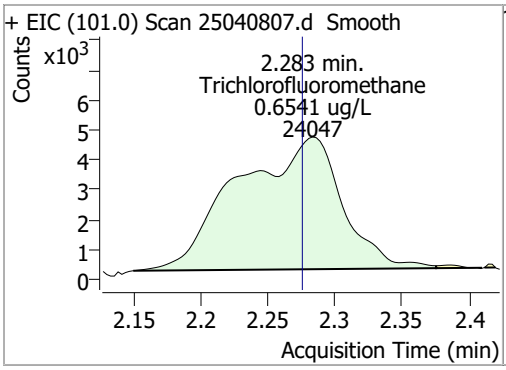
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	0.4811	1.99	0.01	8987	66.0	32.2	4.0	64.0

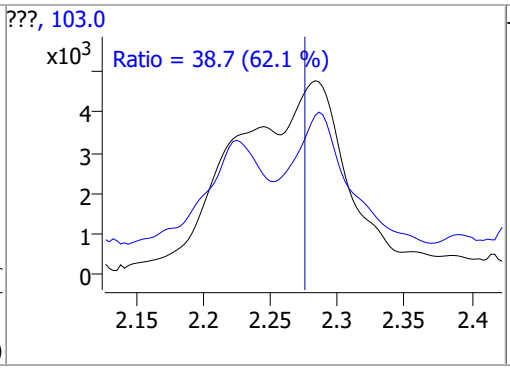


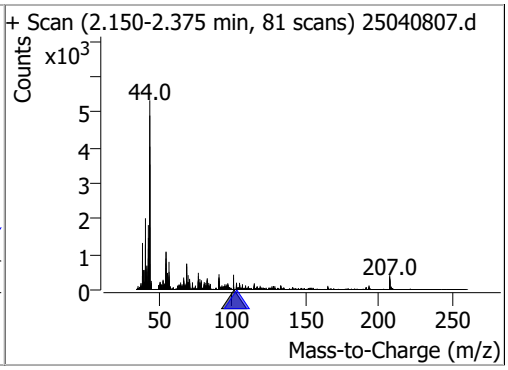




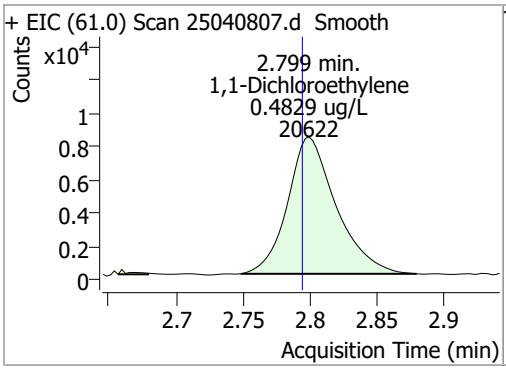
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	0.6541	2.28	0.01	24047	103.0	38.7	32.3	92.3

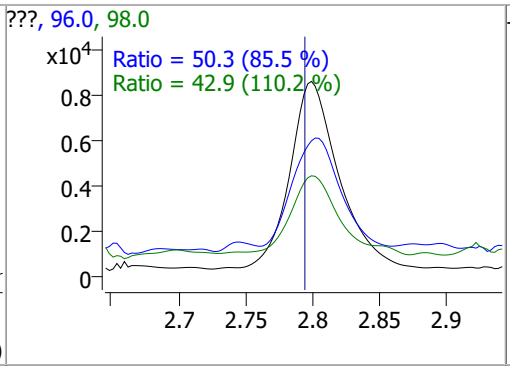


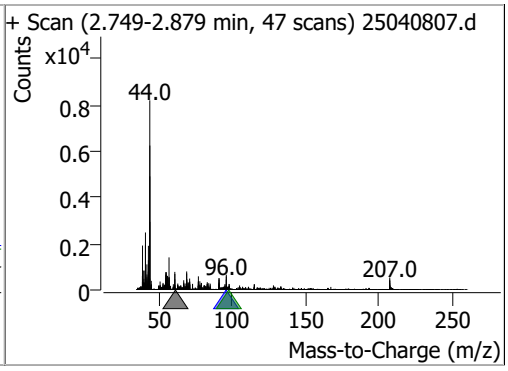




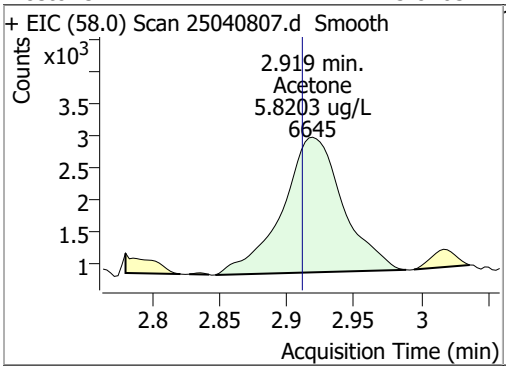
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	0.4829	2.80	0.01	20622	96.0	50.3	28.9	88.9
					98.0	42.9	8.9	68.9

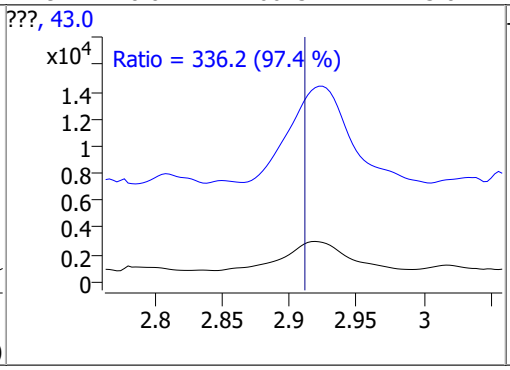


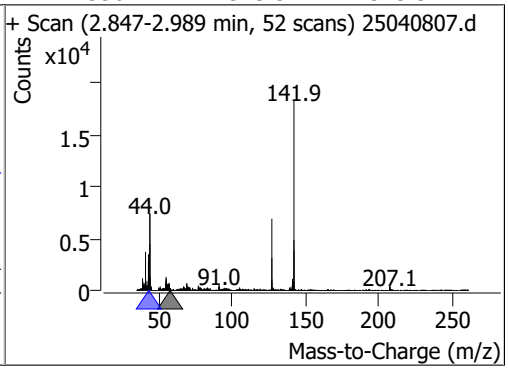




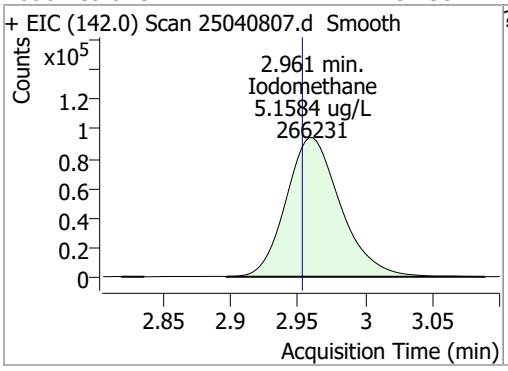
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	5.8203	2.92	0.01	6645	43.0	336.2	315.3	375.3

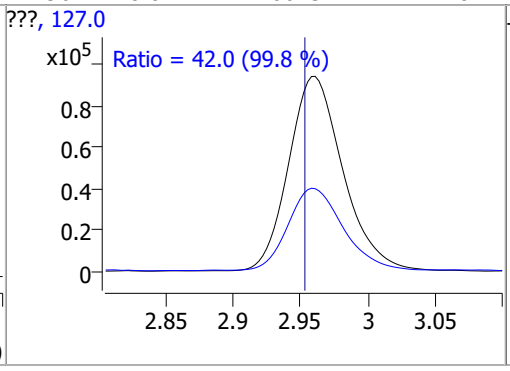


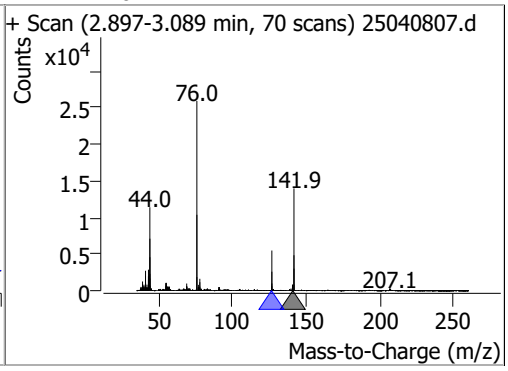




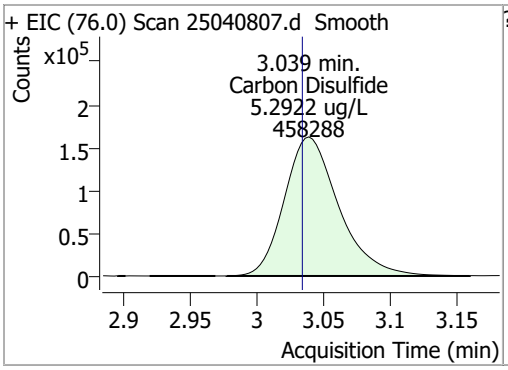
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	5.1584	2.96	0.01	266231	127.0	42.0	12.1	72.1

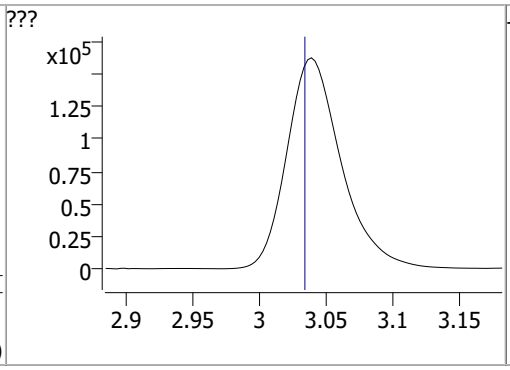


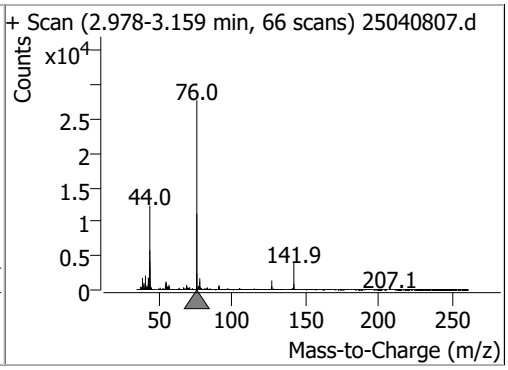




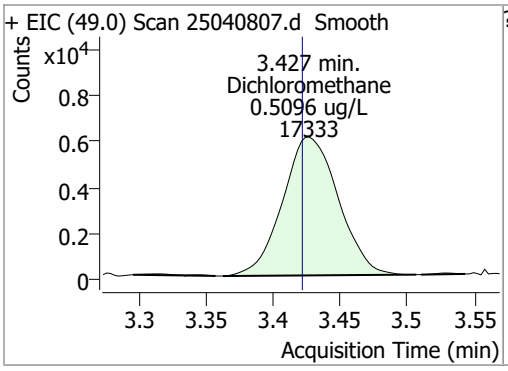
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	5.2922	3.04	0.01	458288				

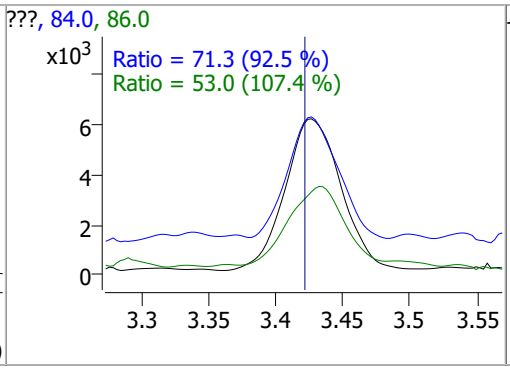


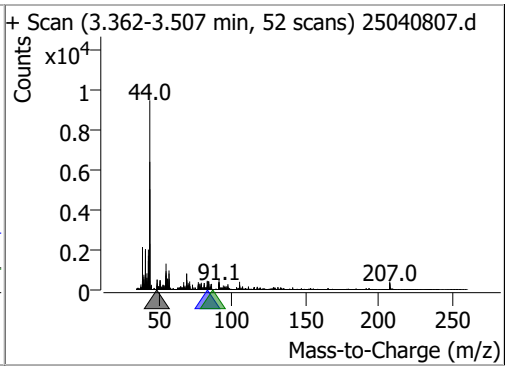




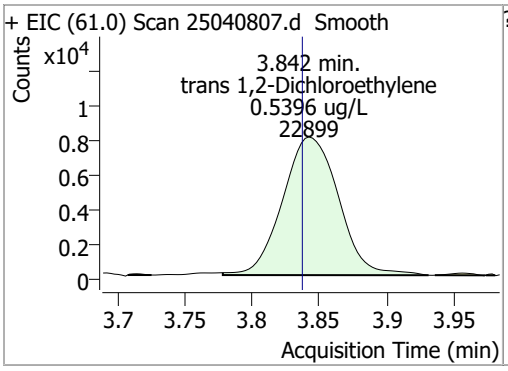
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	0.5096	3.43	0.01	17333	84.0	71.3	47.1	107.1
					86.0	53.0	19.4	79.4

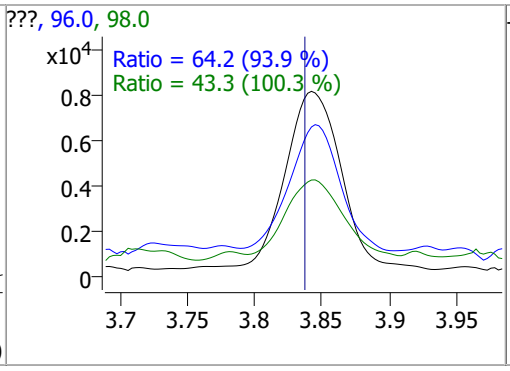


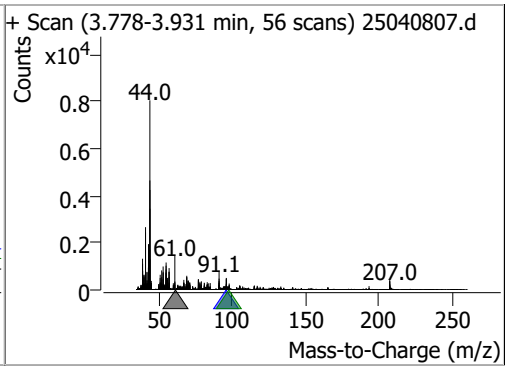




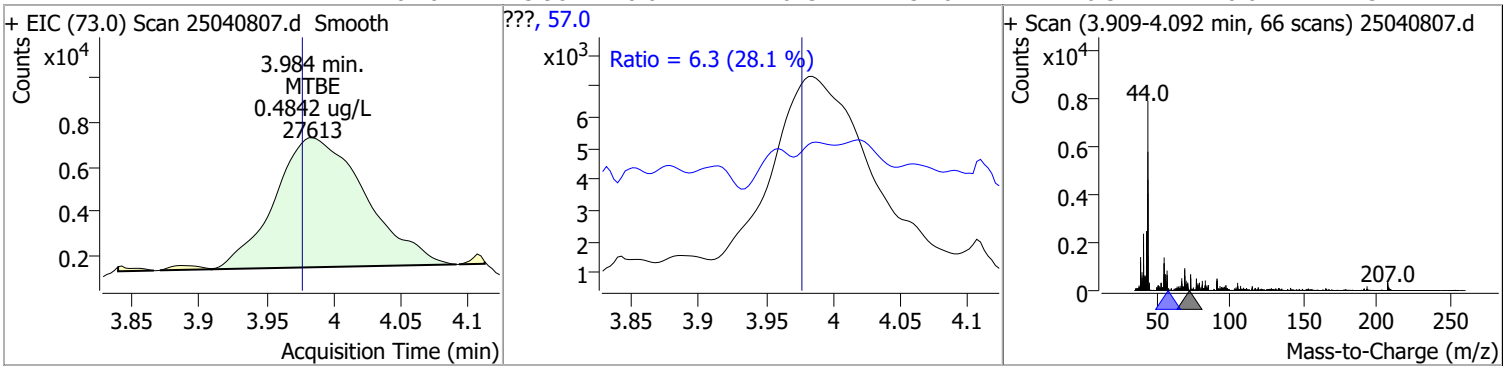
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	0.5396	3.84	0.01	22899	96.0	64.2	38.4	98.4
					98.0	43.3	13.2	73.2



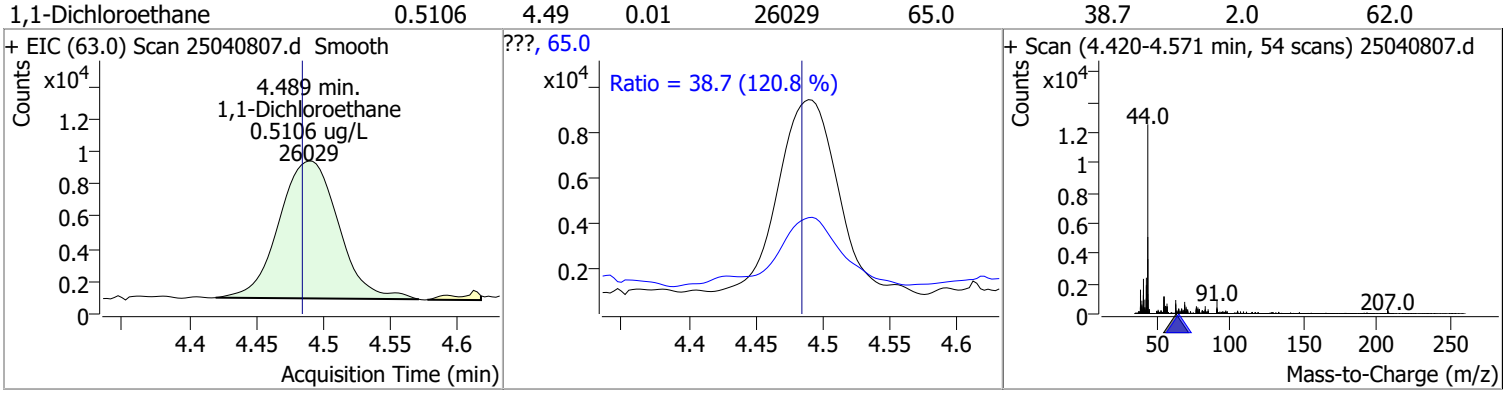




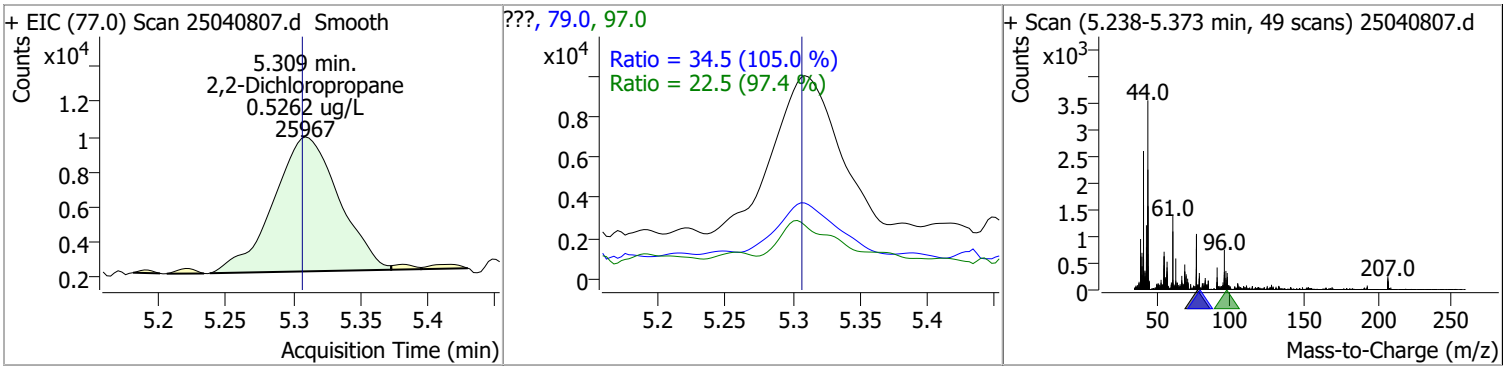
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	0.4842	3.98	0.01	27613	57.0	6.3	0.0	52.4



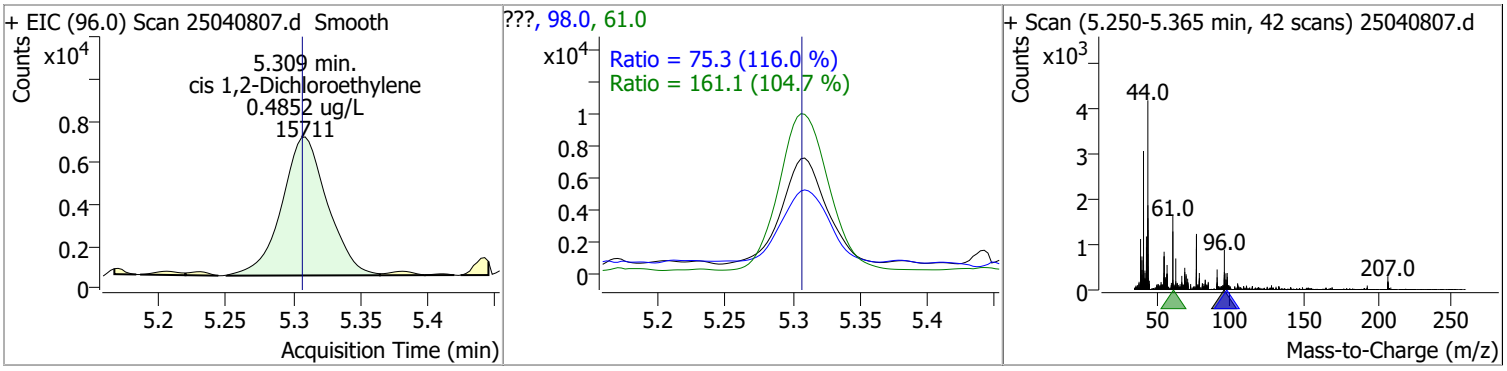
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	0.5106	4.49	0.01	26029	65.0	38.7	2.0	62.0



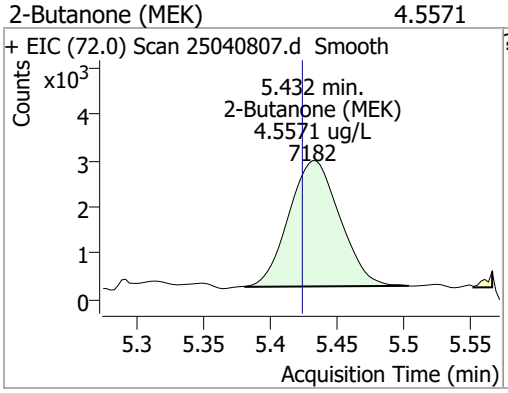
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	0.5262	5.31	0.00	25967	79.0	34.5	2.9	62.9
					97.0	22.5	0.0	53.1

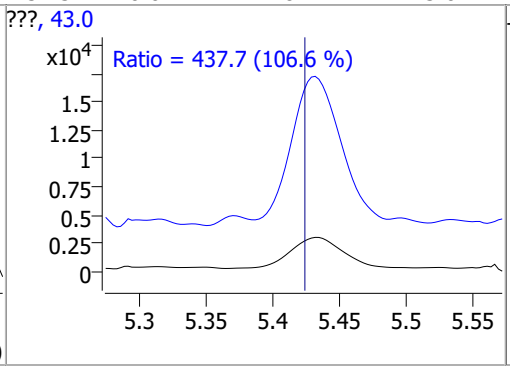


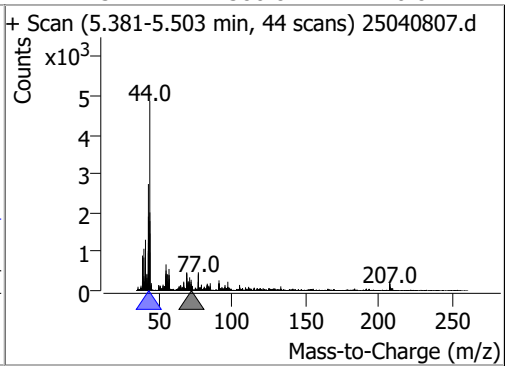
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	0.4852	5.31	0.00	15711	61.0	161.1	123.8	183.8
					98.0	75.3	35.0	95.0



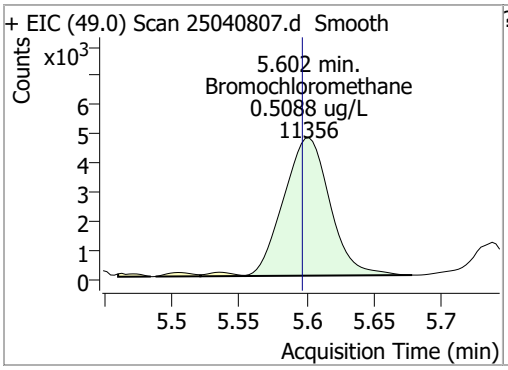
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	4.5571	5.43	0.01	7182	43.0	437.7	380.8	440.8

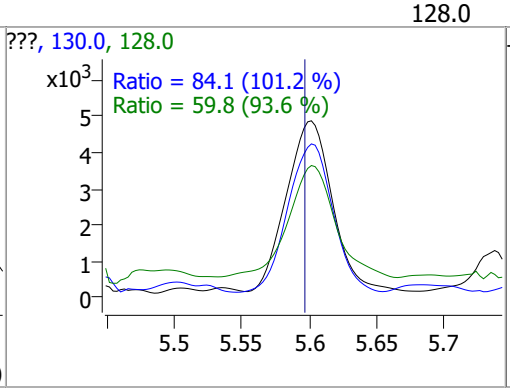


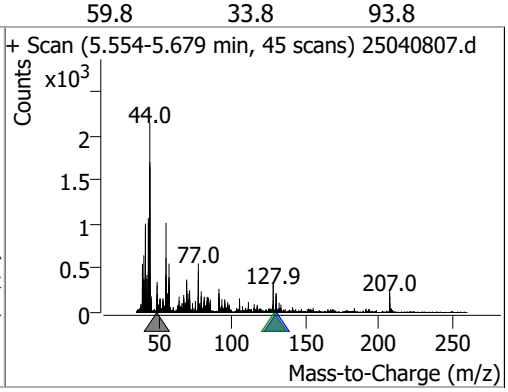




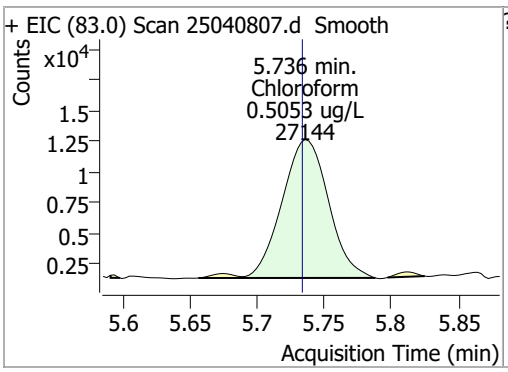
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	0.5088	5.60	0.01	11356	130.0	84.1	53.1	113.1
					128.0	59.8	33.8	93.8

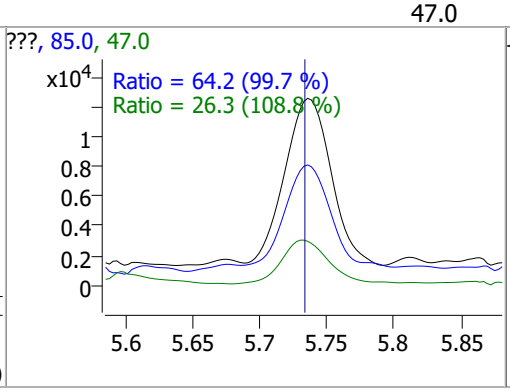


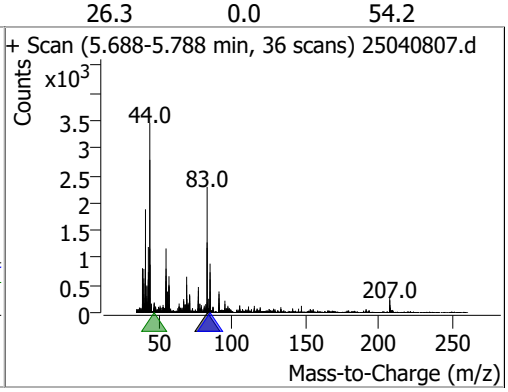




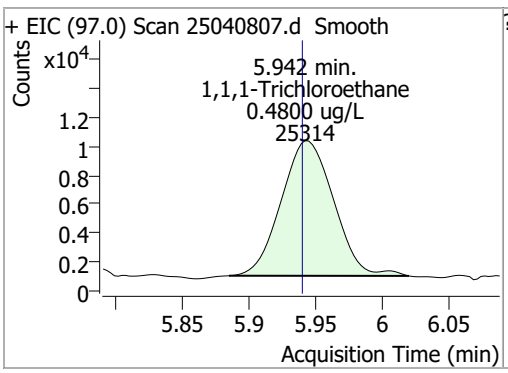
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.5053	5.74	0.00	27144	85.0	64.2	34.4	94.4
					47.0	26.3	0.0	54.2

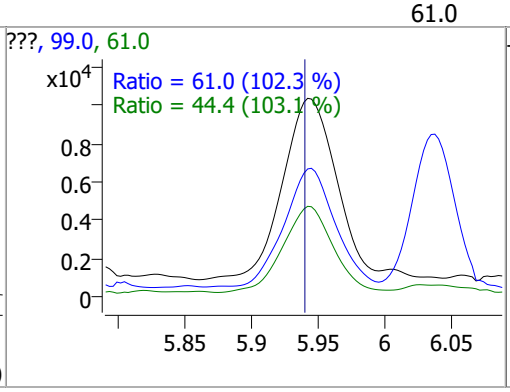


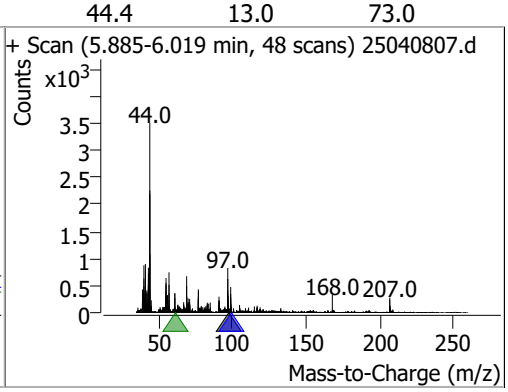




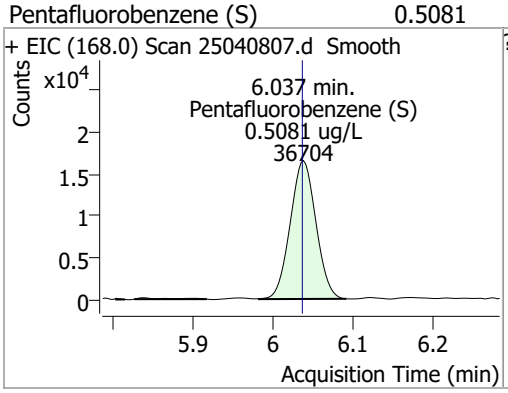
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	0.4800	5.94	0.00	25314	99.0	61.0	29.6	89.6
					61.0	44.4	13.0	73.0

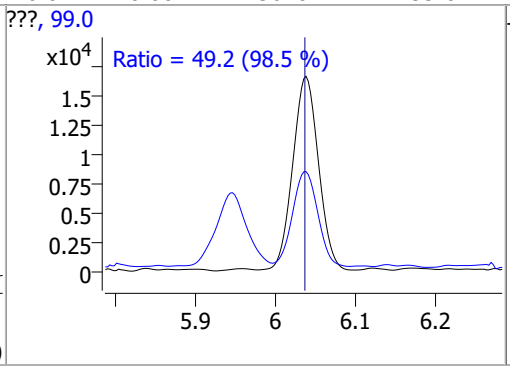


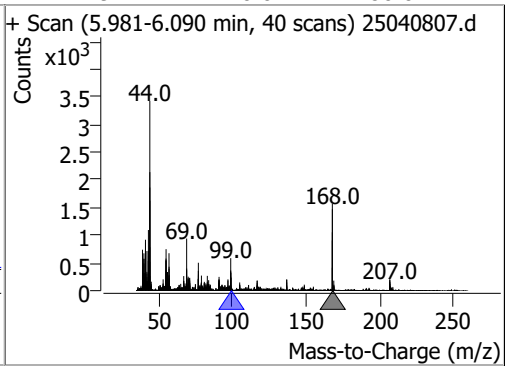




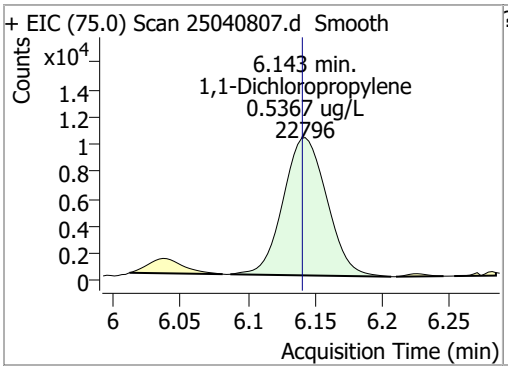
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	0.5081	6.04	0.00	36704	99.0	49.2	20.0	80.0

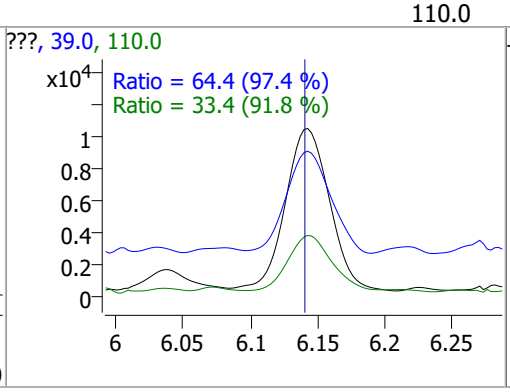


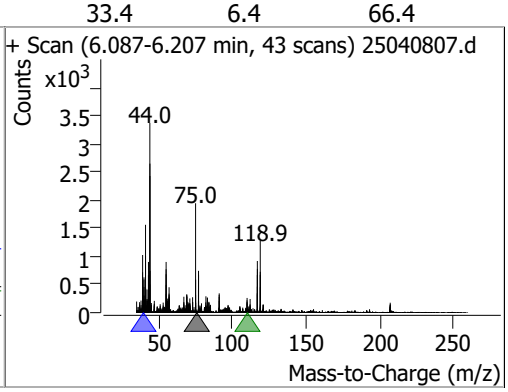




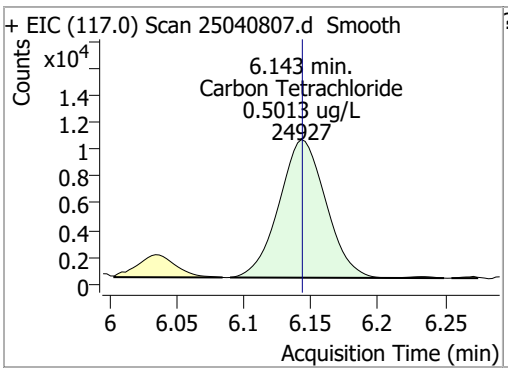
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	0.5367	6.14	0.00	22796	39.0	64.4	36.1	96.1
					110.0	33.4	6.4	66.4

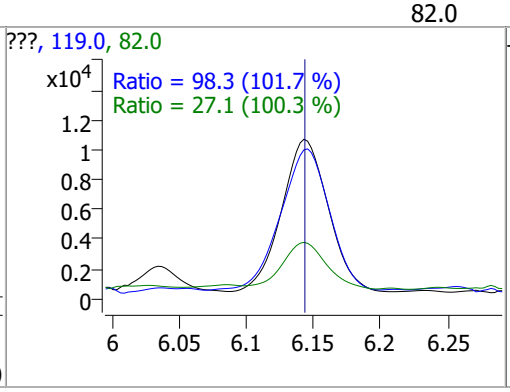


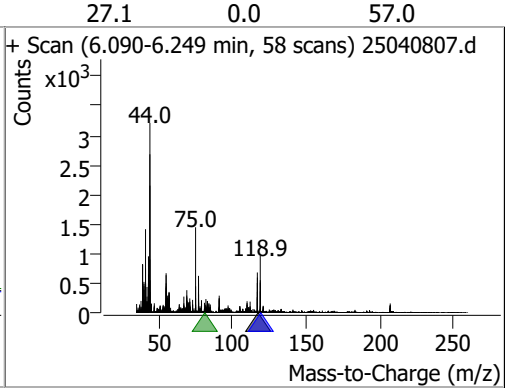




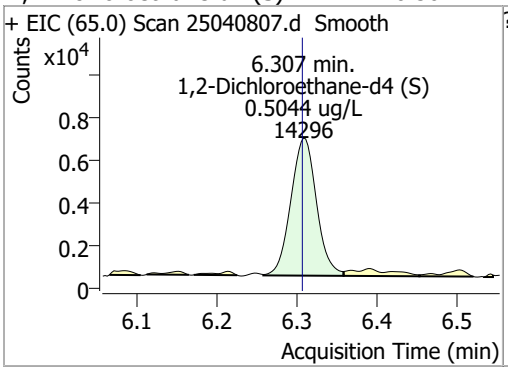
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	0.5013	6.14	0.00	24927	119.0	98.3	66.7	126.7
					82.0	27.1	0.0	57.0

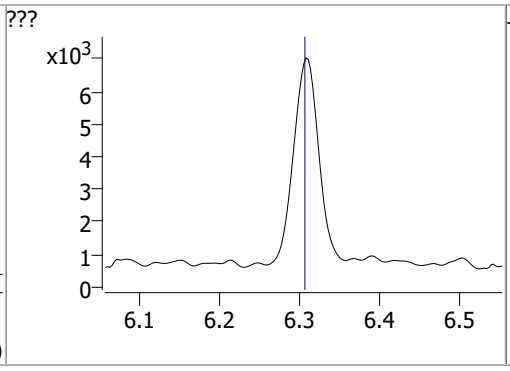


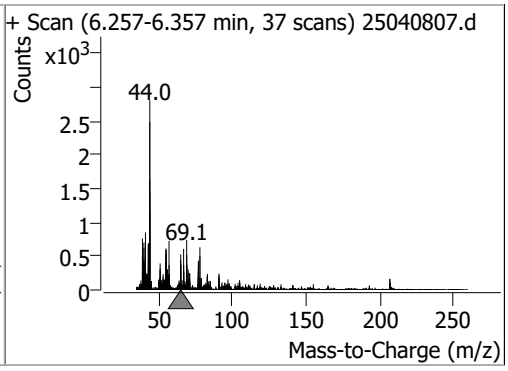




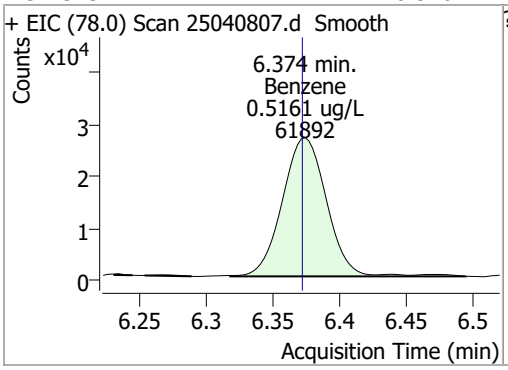
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	0.5044	6.31	0.00	14296				

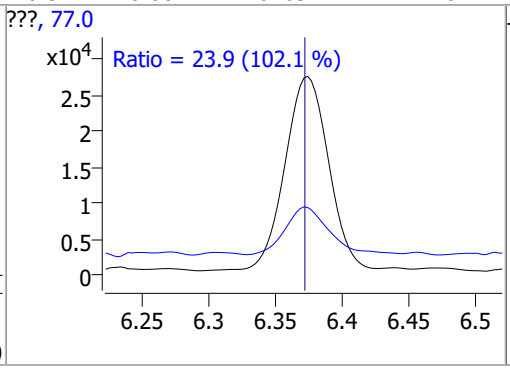


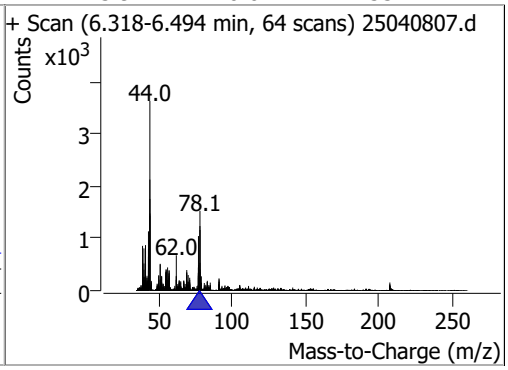




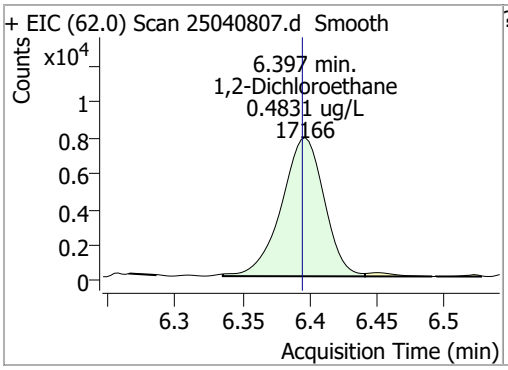
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.5161	6.37	0.00	61892	77.0	23.9	0.0	53.4

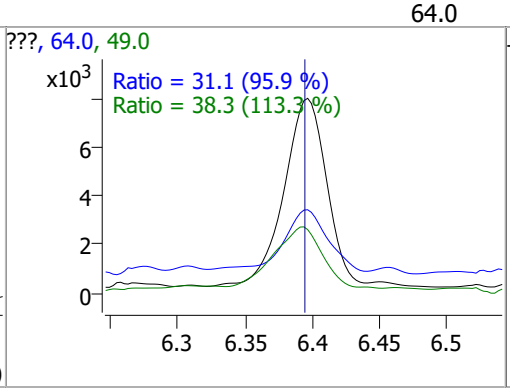


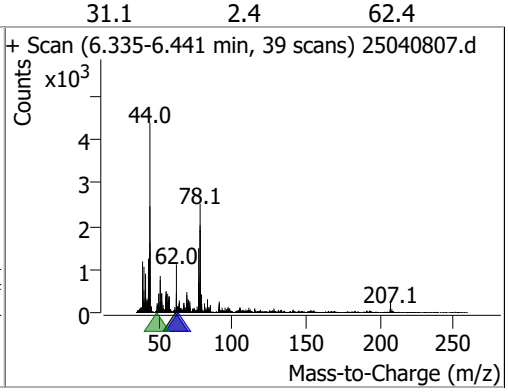




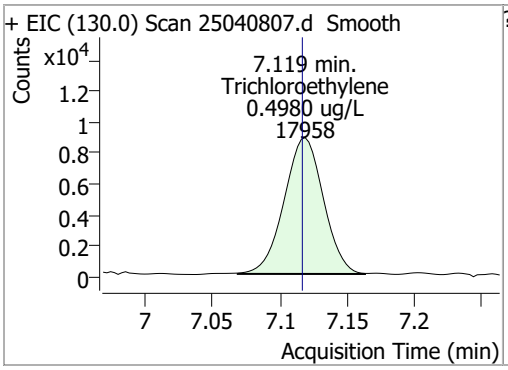
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	0.4831	6.40	0.00	17166	49.0	38.3	3.8	63.8
					64.0	31.1	2.4	62.4

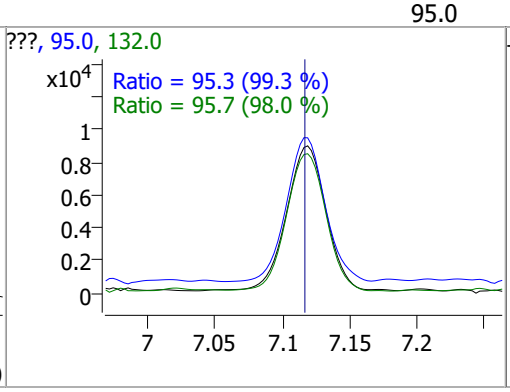


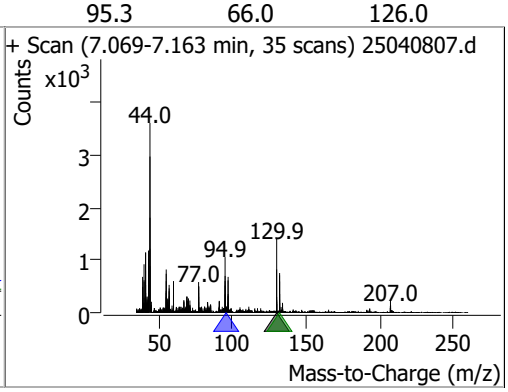




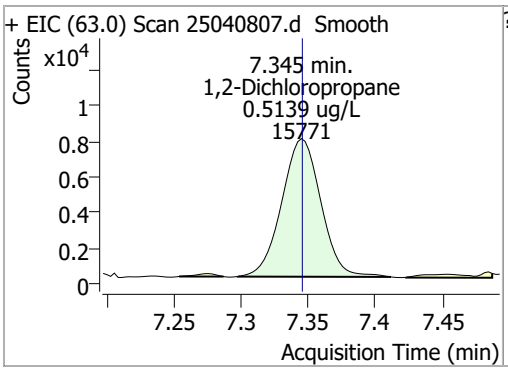
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	0.4980	7.12	0.00	17958	132.0	95.7	67.6	127.6
					95.0	95.3	66.0	126.0

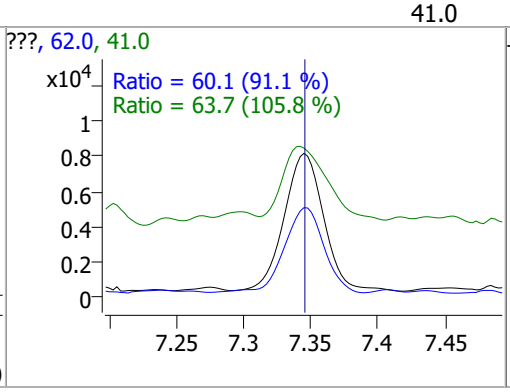


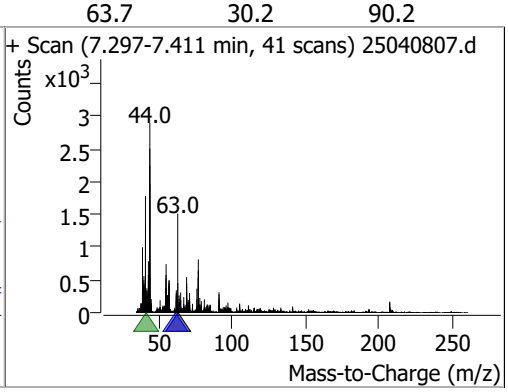




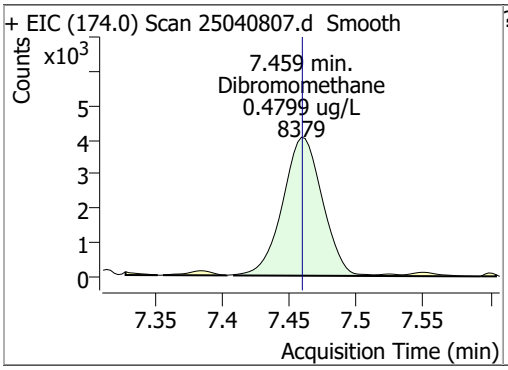
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	0.5139	7.34	0.00	15771	62.0	60.1	36.0	96.0
					41.0	63.7	30.2	90.2

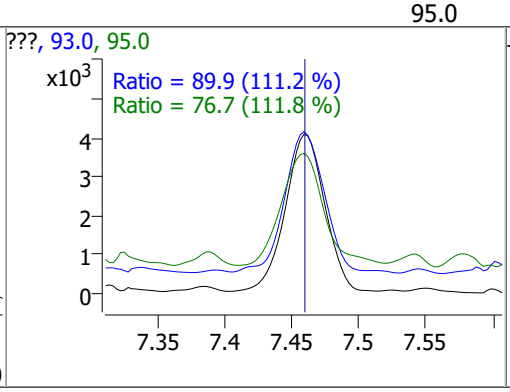


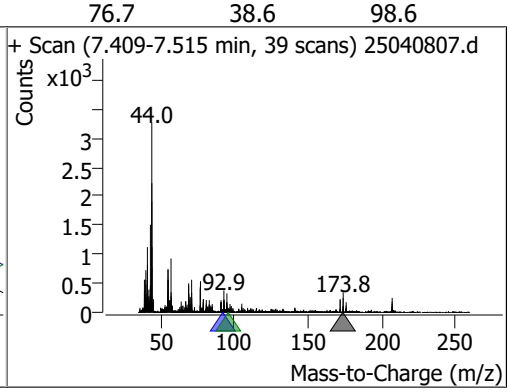




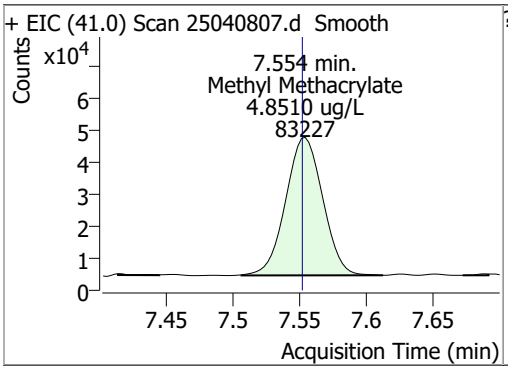
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	0.4799	7.46	0.00	8379	93.0	89.9	50.9	110.9
					95.0	76.7	38.6	98.6

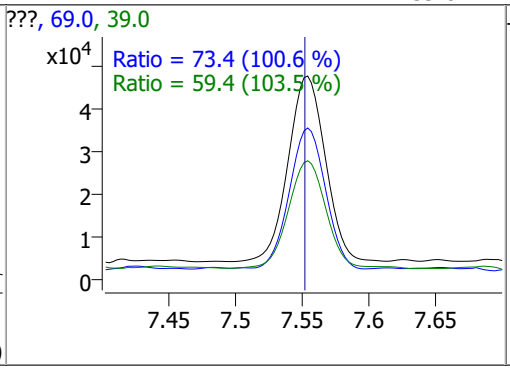


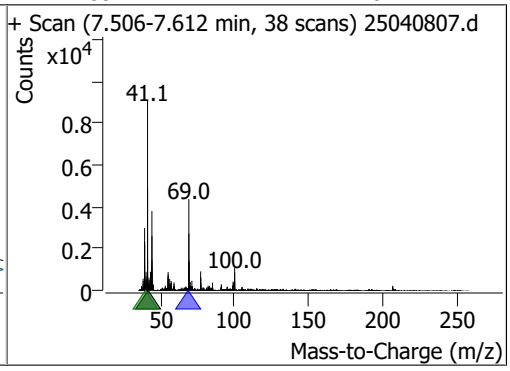




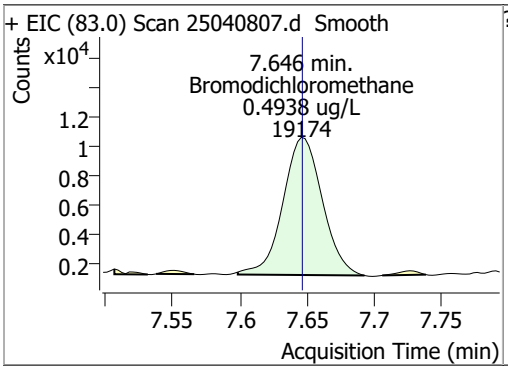
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	4.8510	7.55	0.00	83227	69.0	73.4	42.9	102.9
					39.0	59.4	27.4	87.4

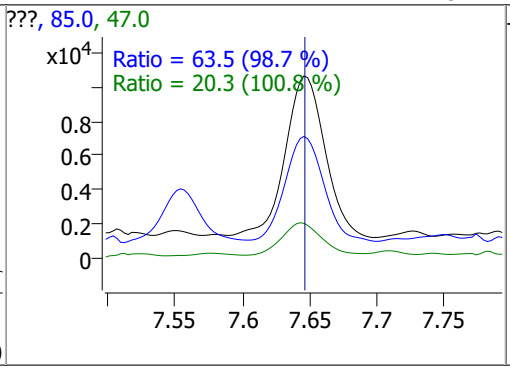


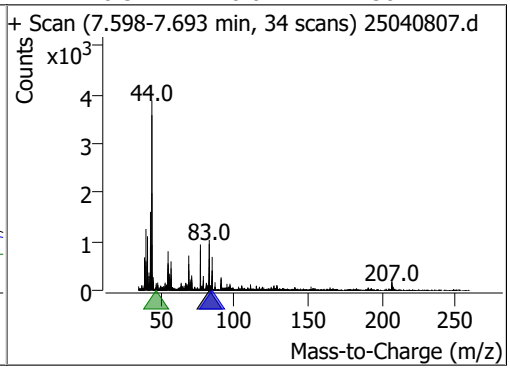




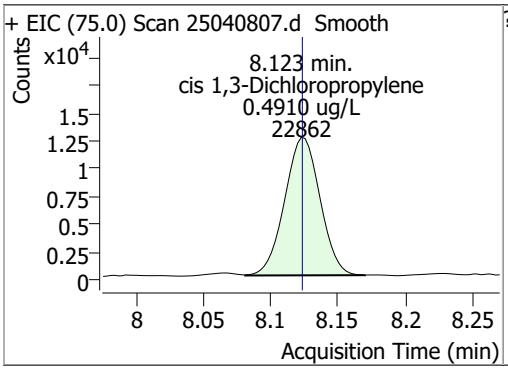
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	0.4938	7.65	0.00	19174	85.0	63.5	34.4	94.4
					47.0	20.3	0.0	50.2

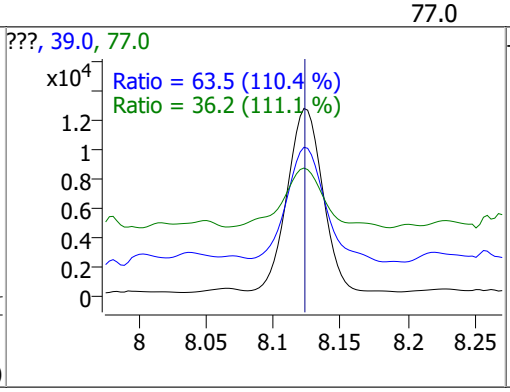


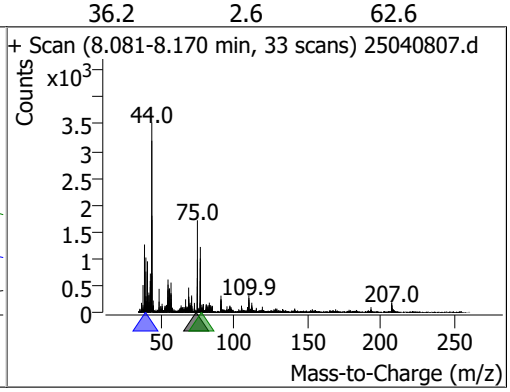




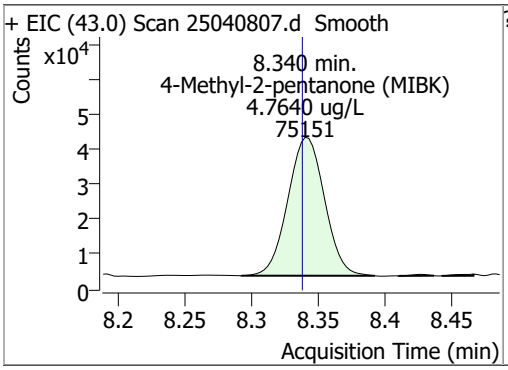
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	0.4910	8.12	0.00	22862	39.0	63.5	27.6	87.6
					77.0	36.2	2.6	62.6

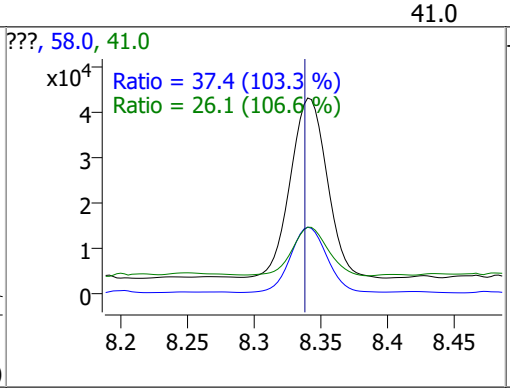


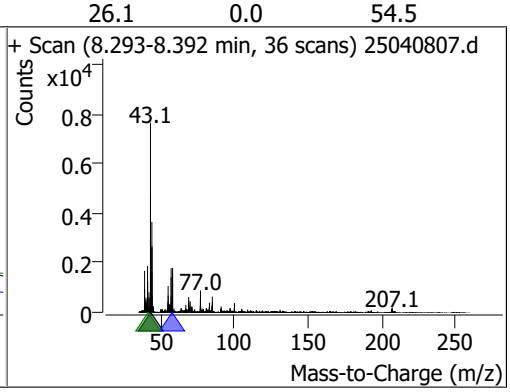




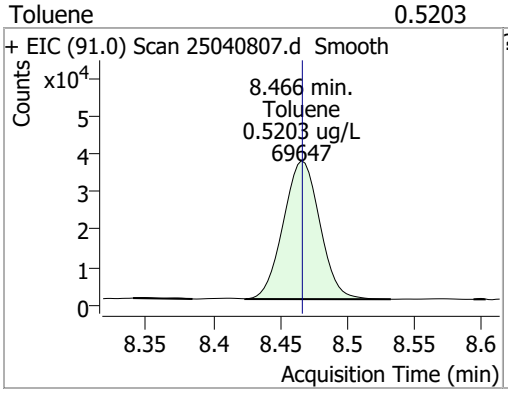
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	4.7640	8.34	0.00	75151	58.0	37.4	6.2	66.2
					41.0	26.1	0.0	54.5

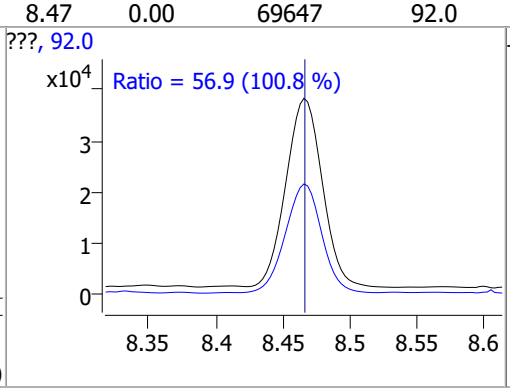


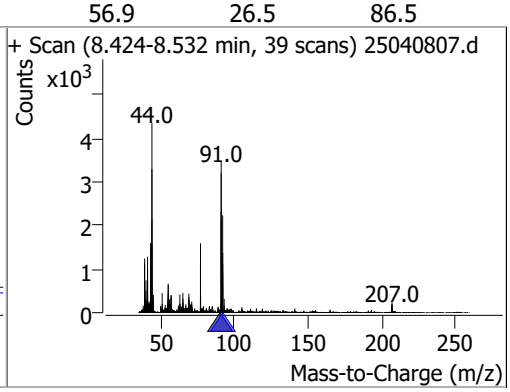




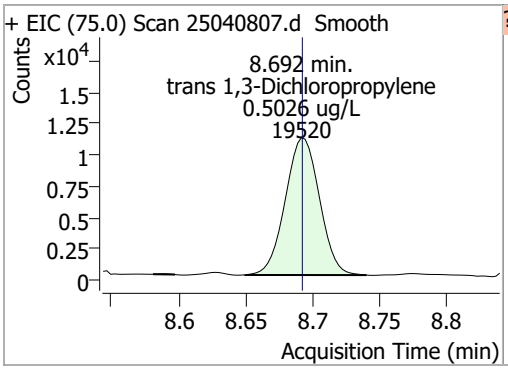
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.5203	8.47	0.00	69647	92.0	56.9	26.5	86.5

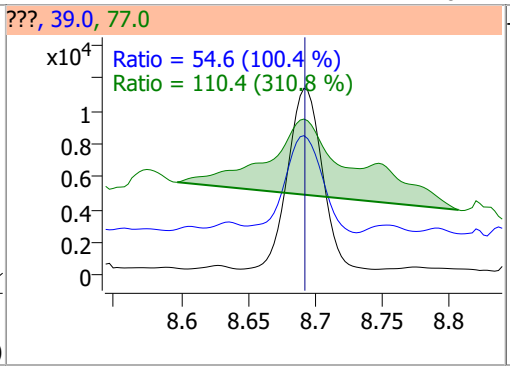


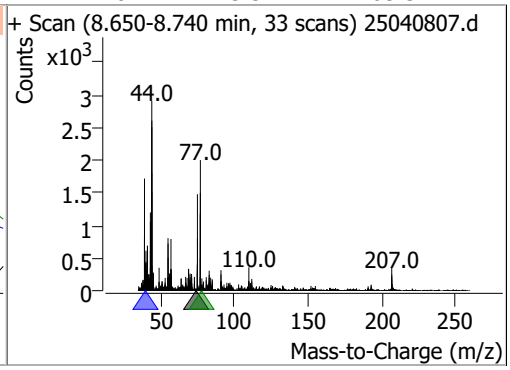




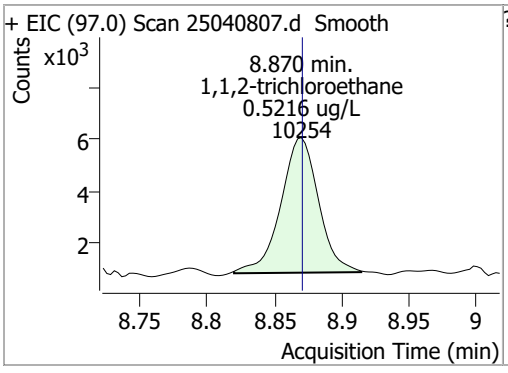
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	0.5026	8.69	0.00	19520	39.0	54.6	24.3	84.3
					77.0	110.4	5.5	65.5

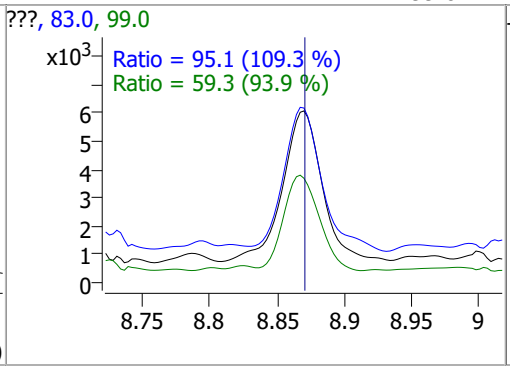


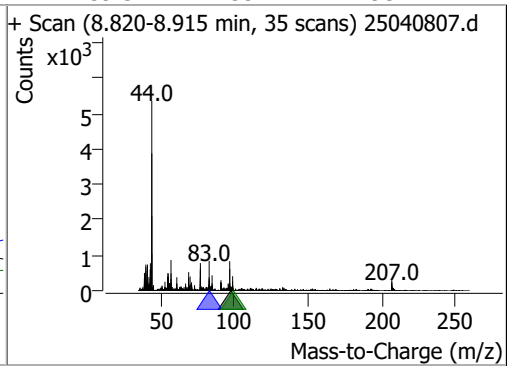




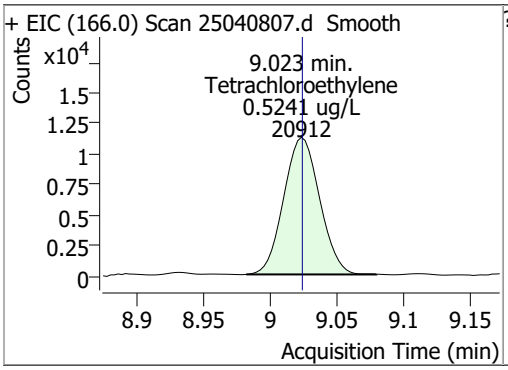
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	0.5216	8.87	0.00	10254	83.0	95.1	57.0	117.0
					99.0	59.3	33.1	93.1

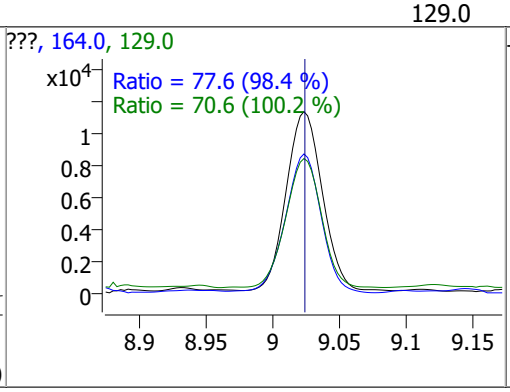


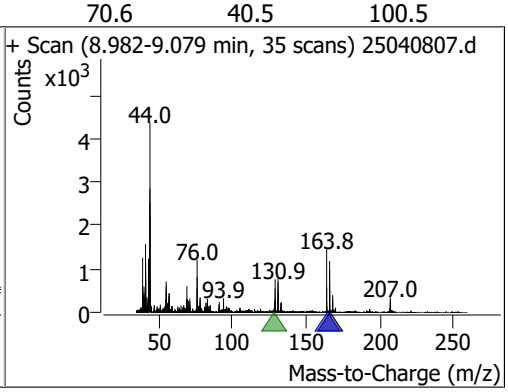




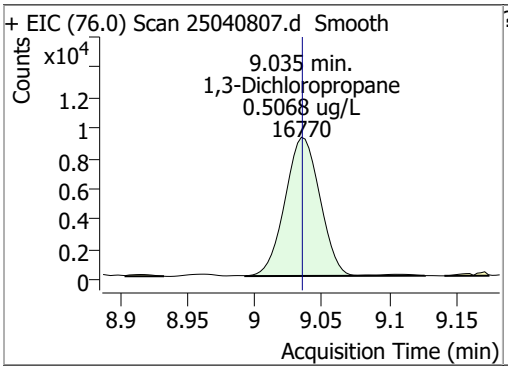
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	0.5241	9.02	0.00	20912	164.0	77.6	48.9	108.9
					129.0	70.6	40.5	100.5

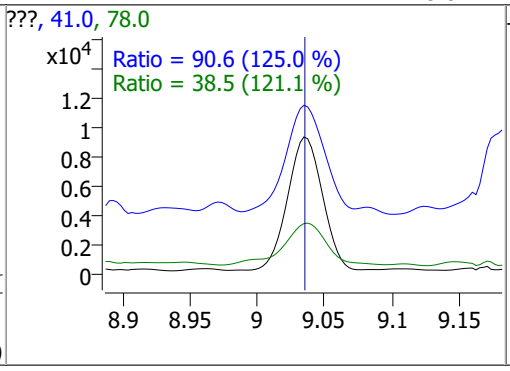


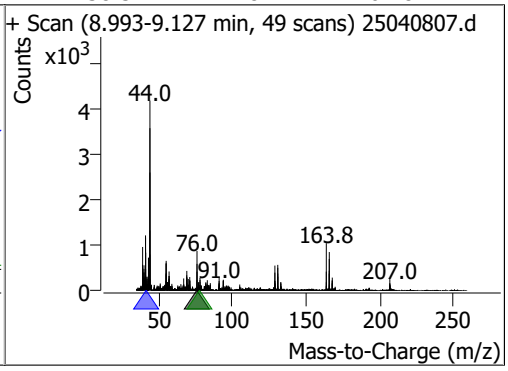




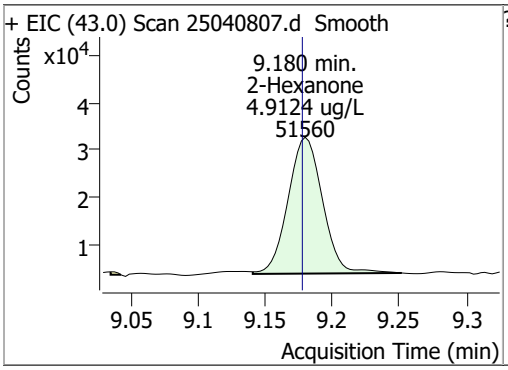
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	0.5068	9.03	0.00	16770	41.0	90.6	42.5	102.5
					78.0	38.5	1.8	61.8

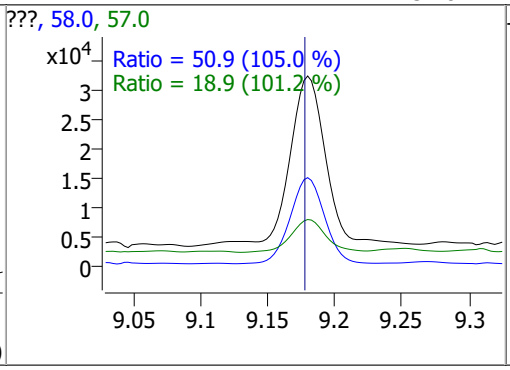


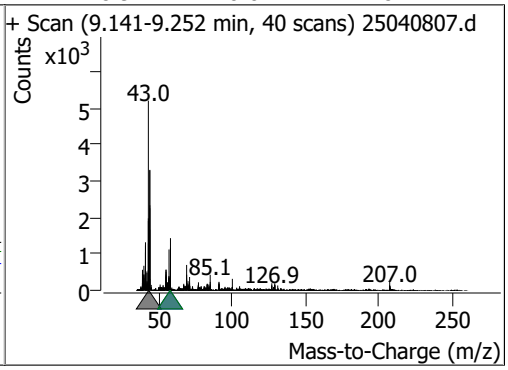




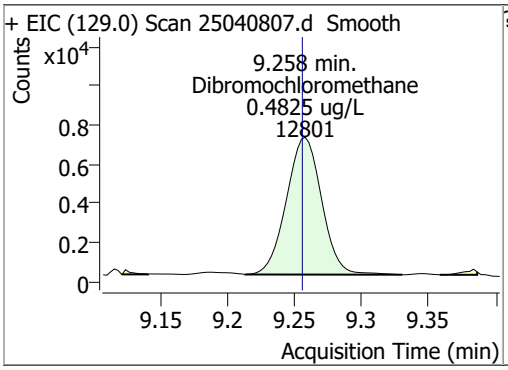
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	4.9124	9.18	0.00	51560	58.0	50.9	18.4	78.4
					57.0	18.9	0.0	48.7

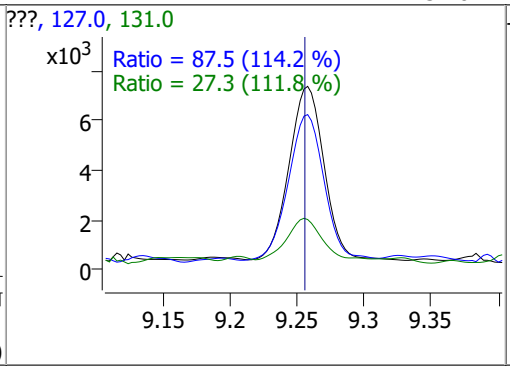


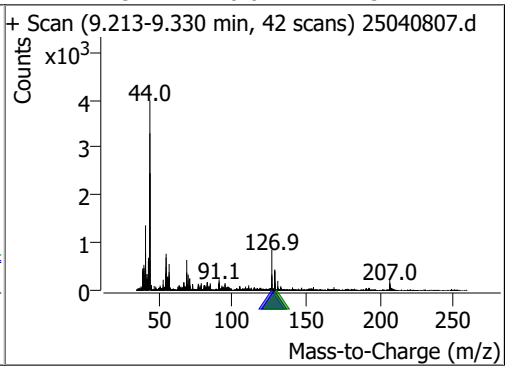




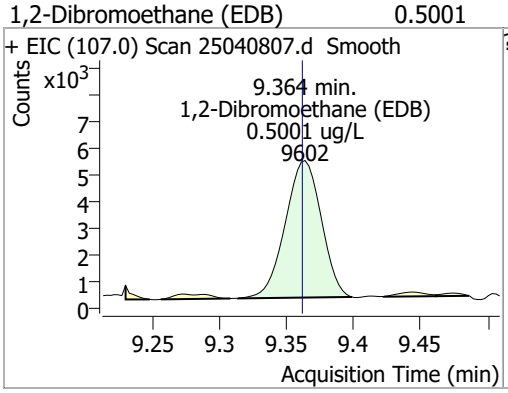
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	0.4825	9.26	0.00	12801	127.0	87.5	46.7	106.7
					131.0	27.3	0.0	54.4

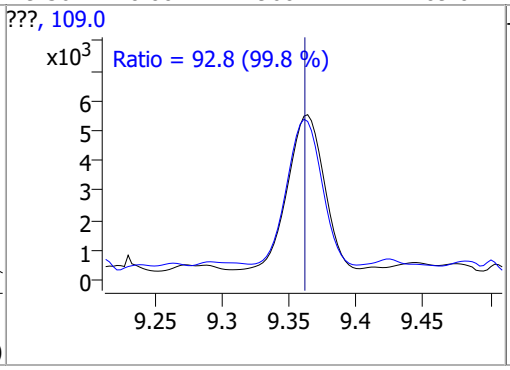


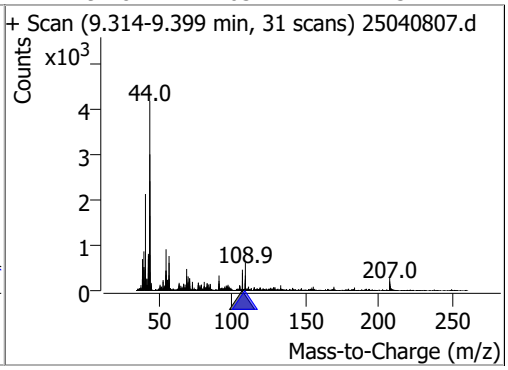




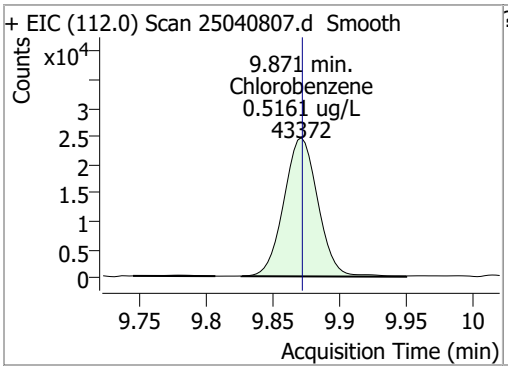
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	0.5001	9.36	0.00	9602	109.0	92.8	63.1	123.1

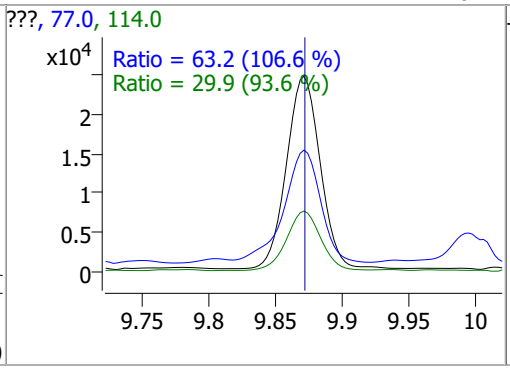


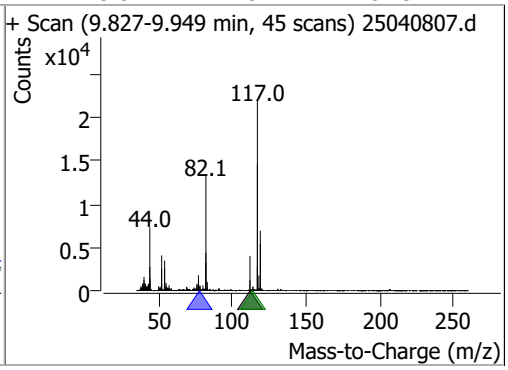




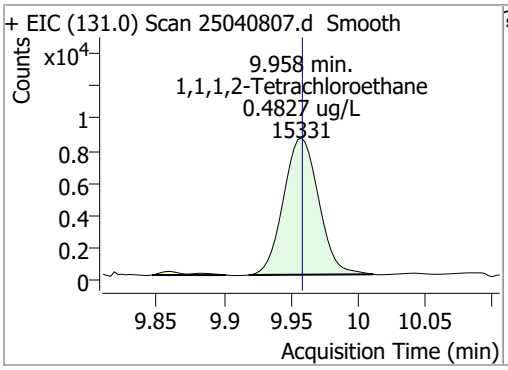
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	0.5161	9.87	0.00	43372	77.0	63.2	29.3	89.3
					114.0	29.9	1.9	61.9

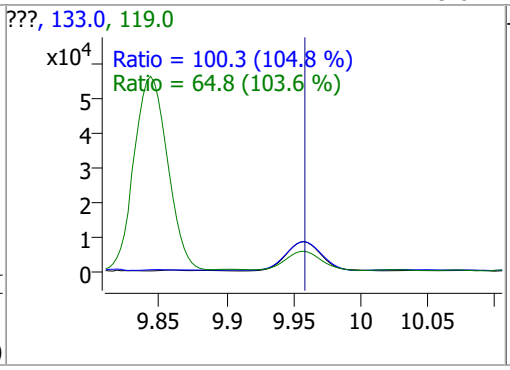


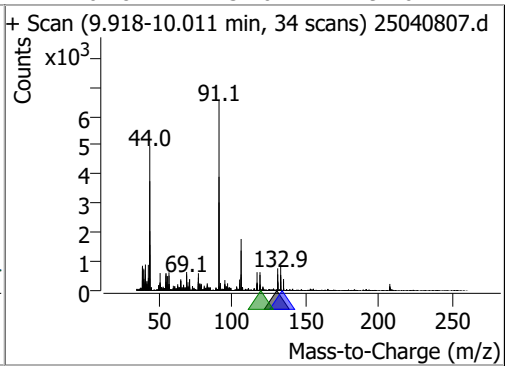




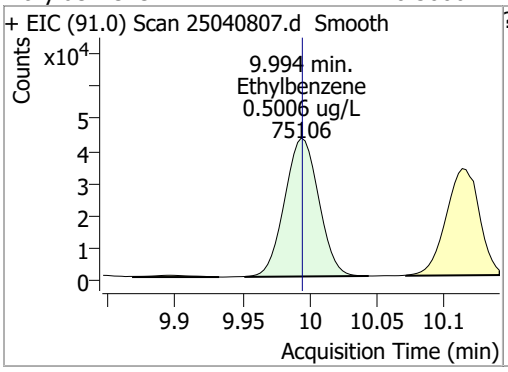
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4827	9.96	0.00	15331	133.0	100.3	65.7	125.7
					119.0	64.8	32.6	92.6

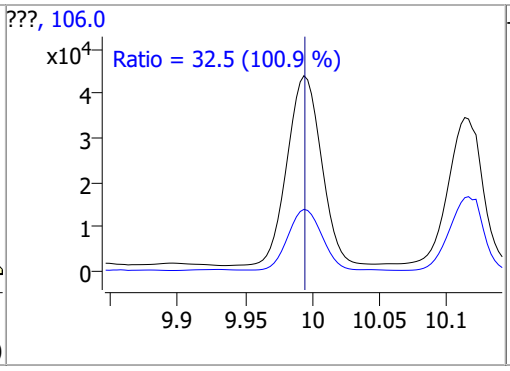


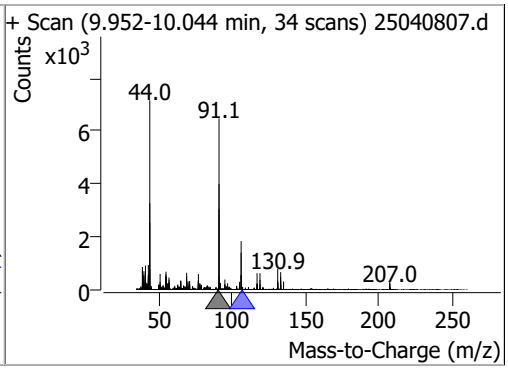




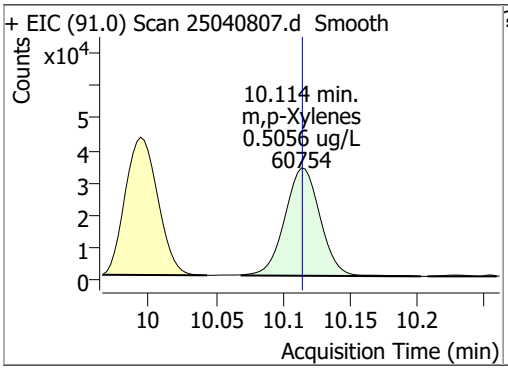
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.5006	9.99	0.00	75106	106.0	32.5	2.2	62.2

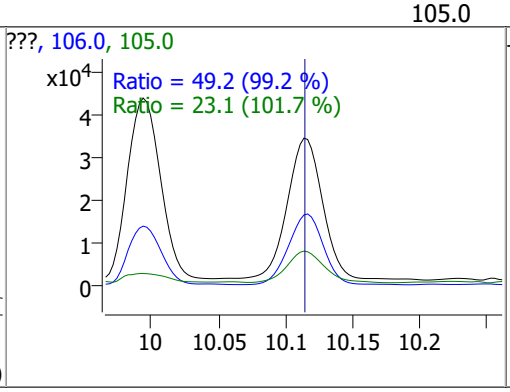


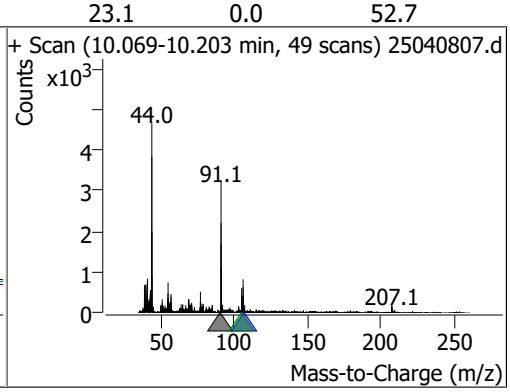




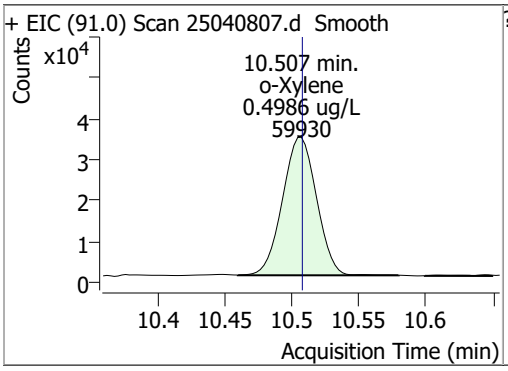
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	0.5056	10.11	0.00	60754	106.0	49.2	19.6	79.6
					105.0	23.1	0.0	52.7

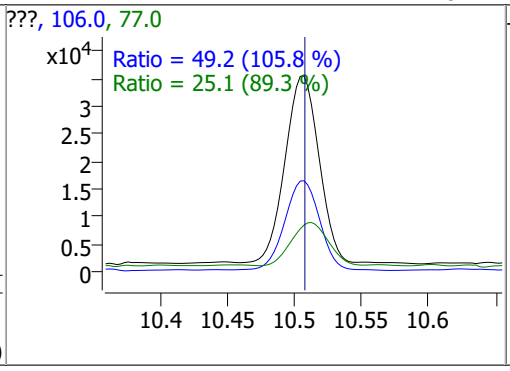


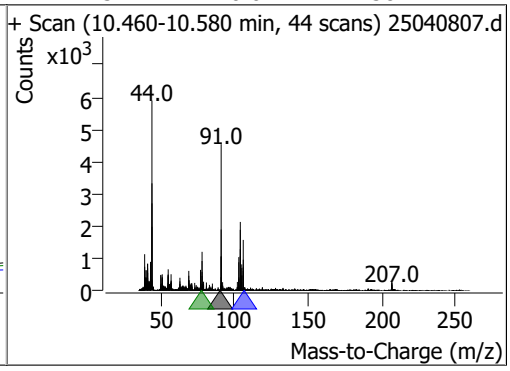




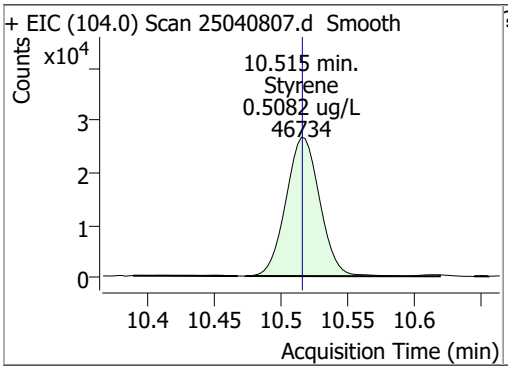
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	0.4986	10.51	0.00	59930	106.0	49.2	16.5	76.5
					77.0	25.1	0.0	58.1

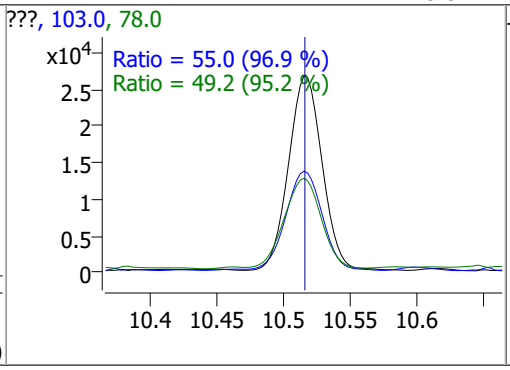


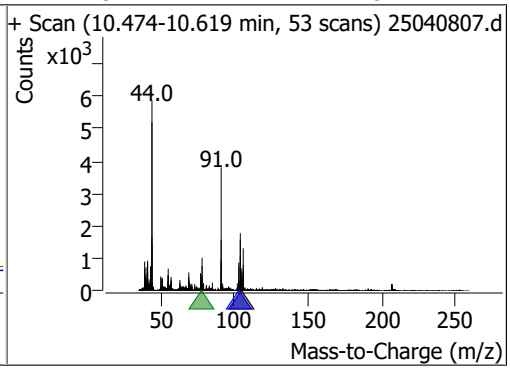




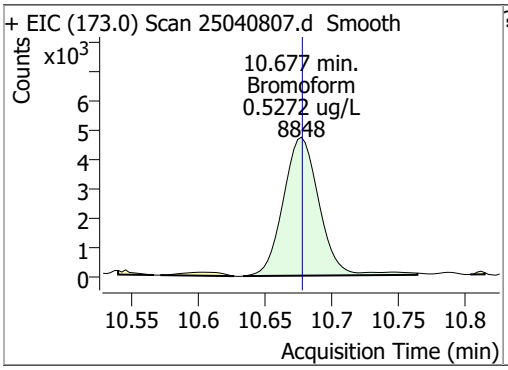
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	0.5082	10.52	0.00	46734	103.0	55.0	26.7	86.7
					78.0	49.2	21.7	81.7

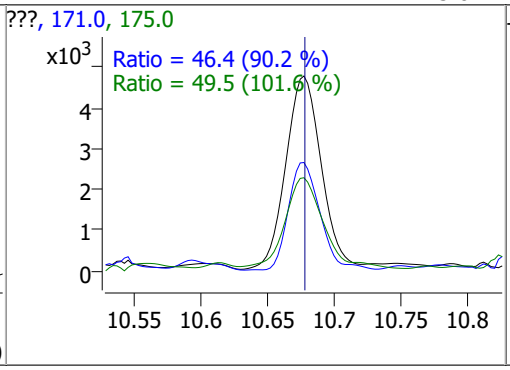


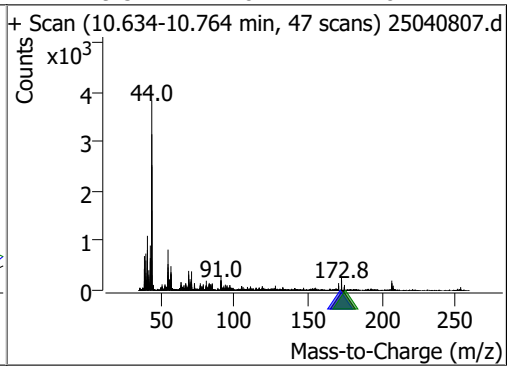




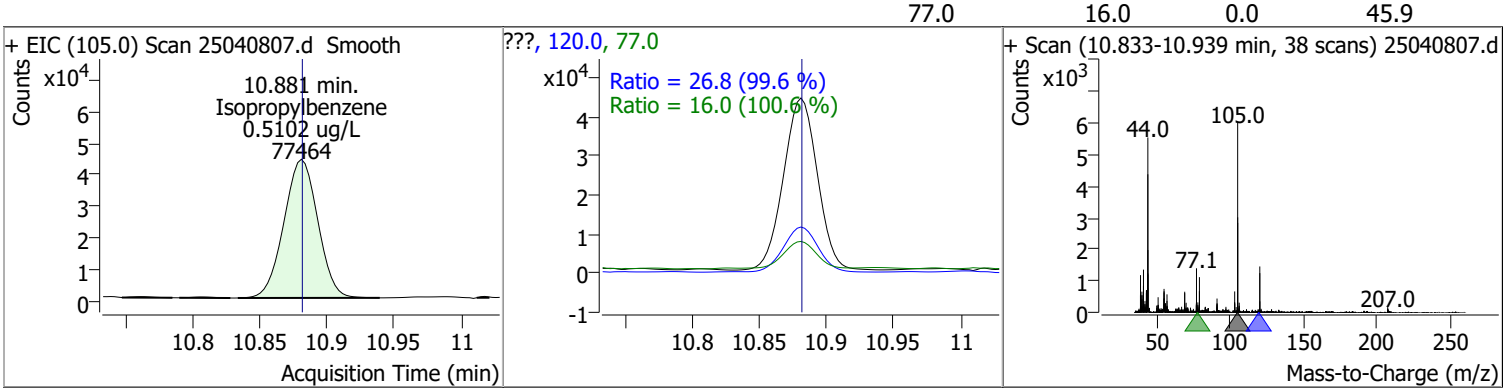
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	0.5272	10.68	0.00	8848	171.0	46.4	21.4	81.4
					175.0	49.5	18.7	78.7



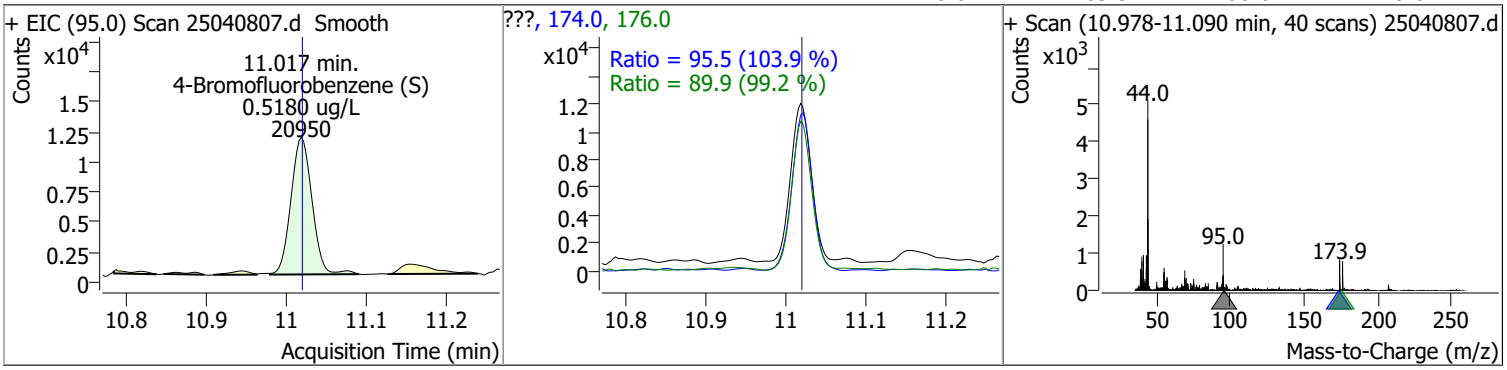




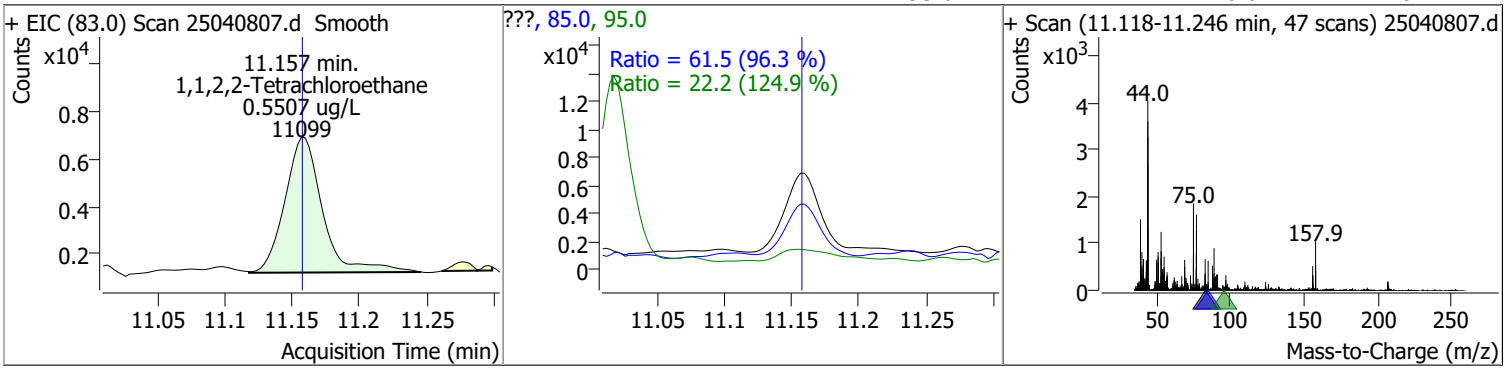
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	0.5102	10.88	0.00	77464	120.0	26.8	0.0	56.9
					77.0	16.0	0.0	45.9



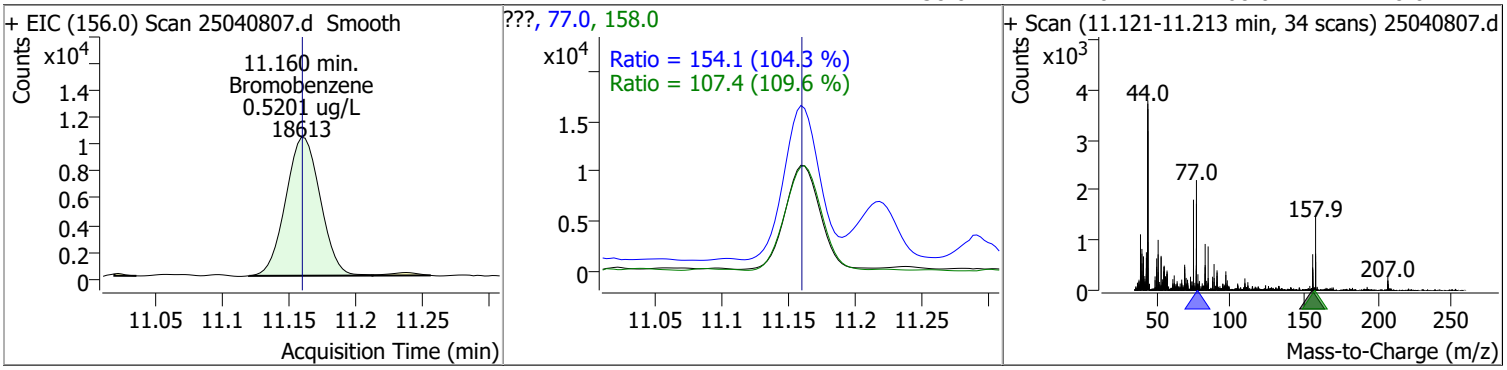
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	0.5180	11.02	0.00	20950	174.0	95.5	61.9	121.9
					176.0	89.9	60.6	120.6



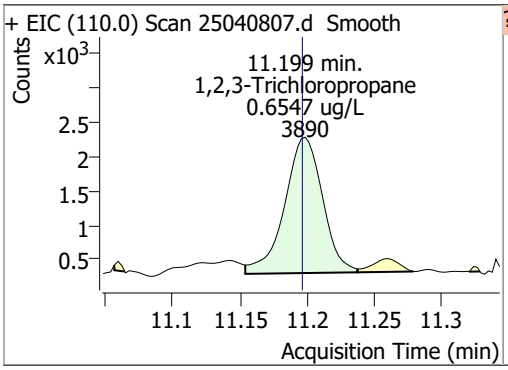
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	0.5507	11.16	0.00	11099	85.0	61.5	33.9	93.9
					95.0	22.2	0.0	47.8

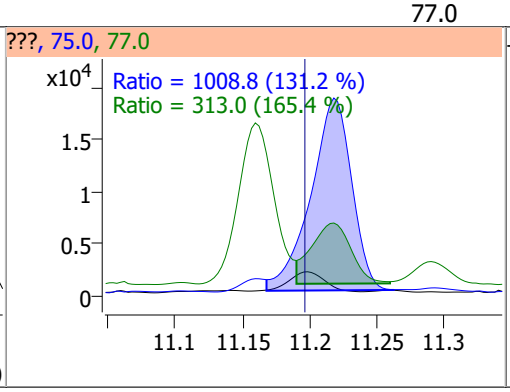


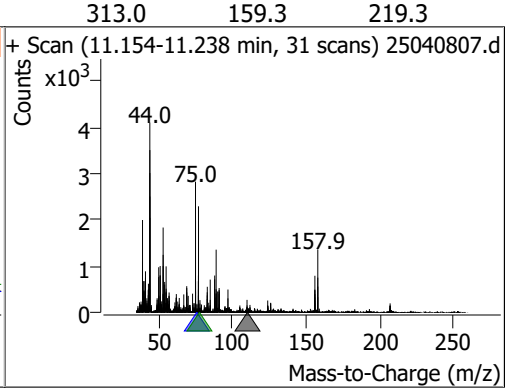
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	0.5201	11.16	0.00	18613	77.0	154.1	117.8	177.8
					158.0	107.4	68.0	128.0



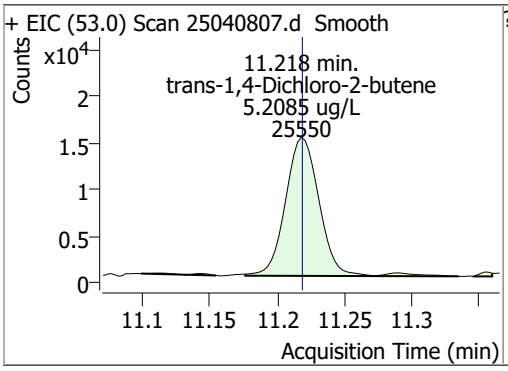
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	0.6547	11.20	0.00	3890	75.0	1008.8	738.8	798.8
					77.0	313.0	159.3	219.3

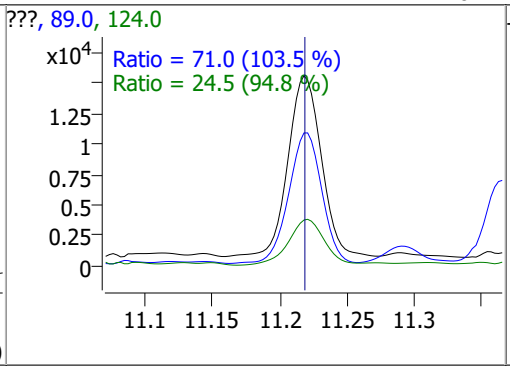


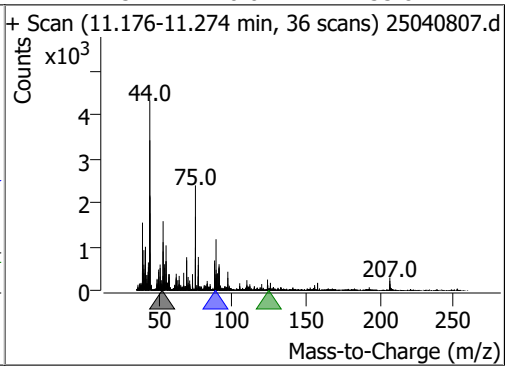




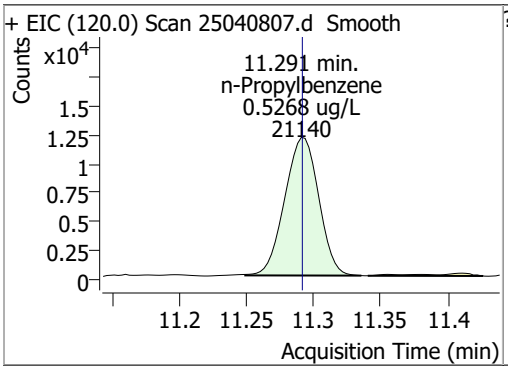
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	5.2085	11.22	0.00	25550	89.0	71.0	38.6	98.6
					124.0	24.5	0.0	55.8

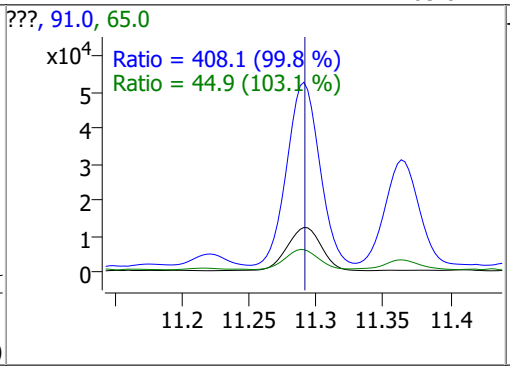


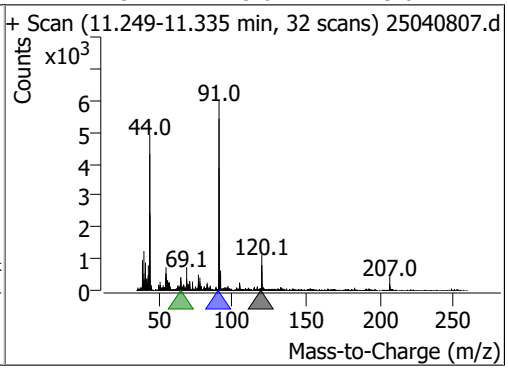




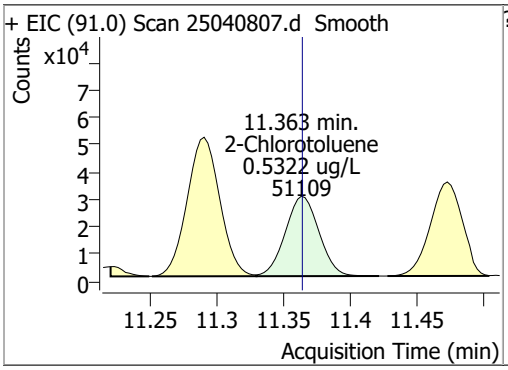
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	0.5268	11.29	0.00	21140	91.0	408.1	378.8	438.8
					65.0	44.9	13.6	73.6

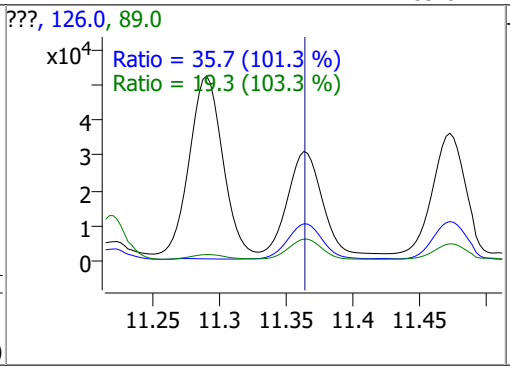


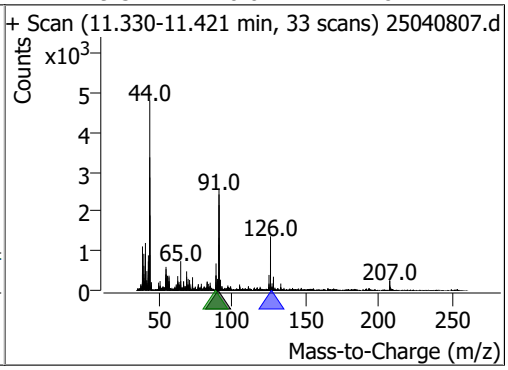




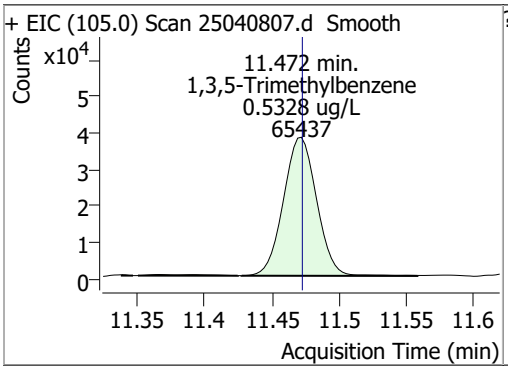
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	0.5322	11.36	0.00	51109	126.0	35.7	5.2	65.2
					89.0	19.3	0.0	48.7

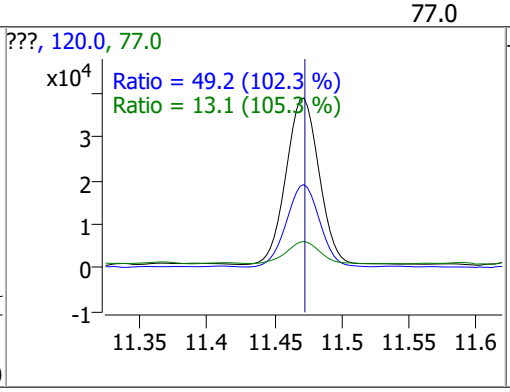


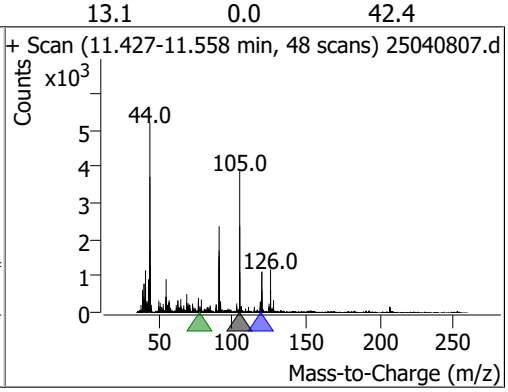




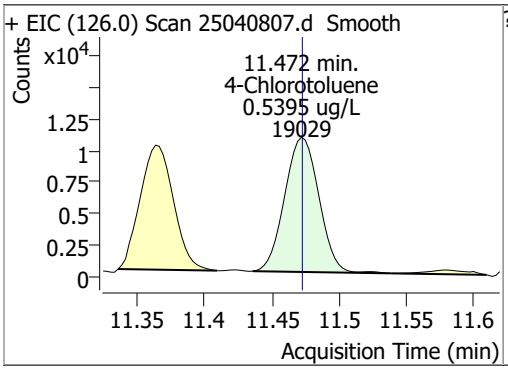
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	0.5328	11.47	0.00	65437	120.0	49.2	18.1	78.1
					77.0	13.1	0.0	42.4

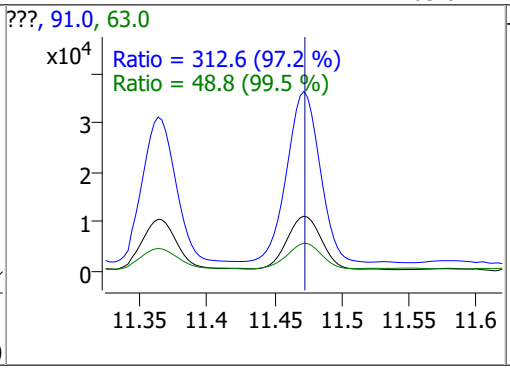


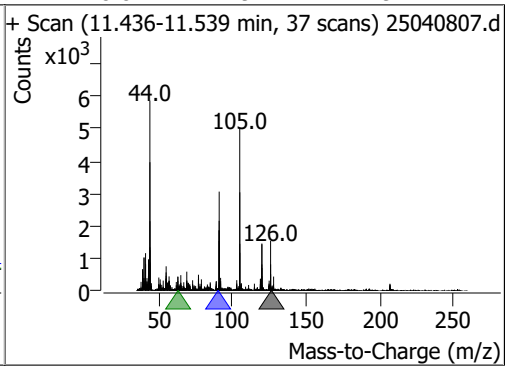




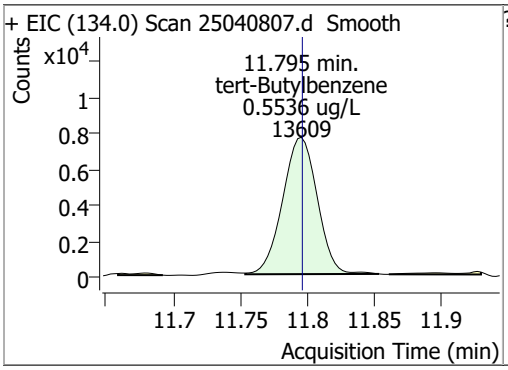
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	0.5395	11.47	0.00	19029	91.0	312.6	291.7	351.7
					63.0	48.8	19.1	79.1

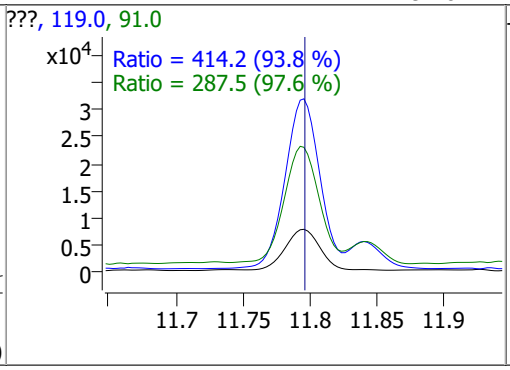


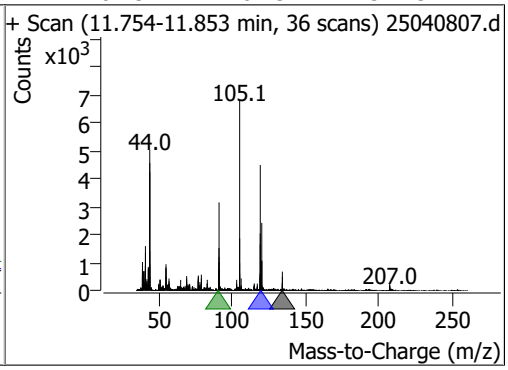




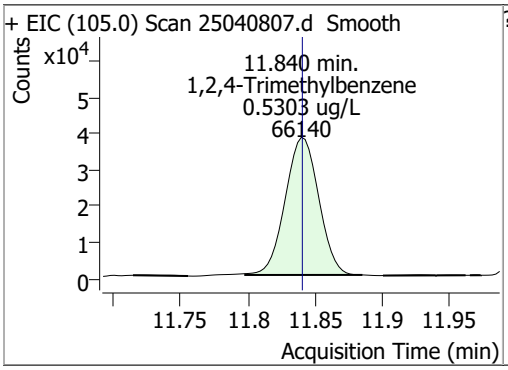
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	0.5536	11.80	0.00	13609	119.0	414.2	411.8	471.8
					91.0	287.5	264.5	324.5

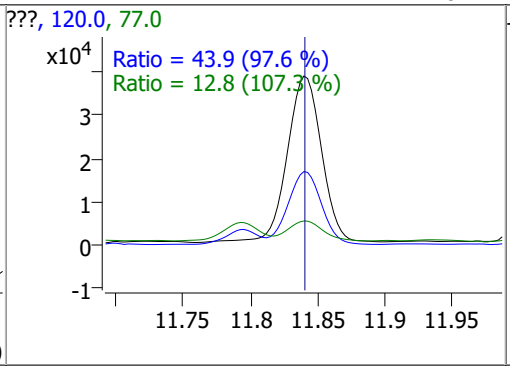


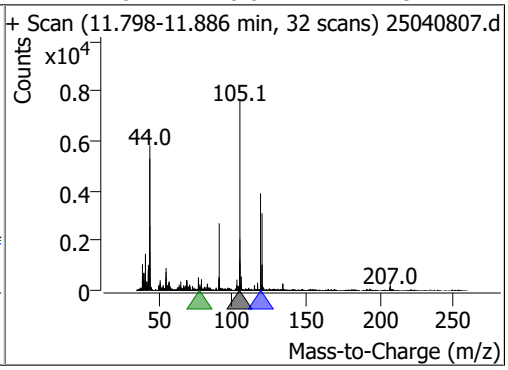




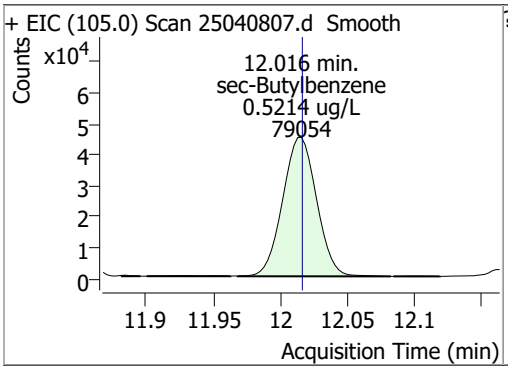
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	0.5303	11.84	0.00	66140	120.0	43.9	15.0	75.0
					77.0	12.8	0.0	41.9

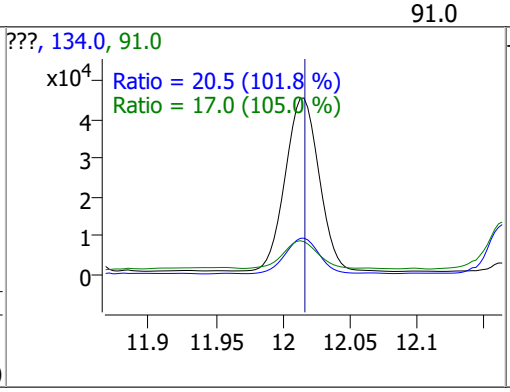


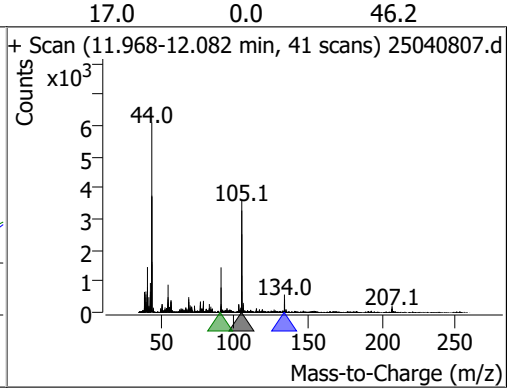




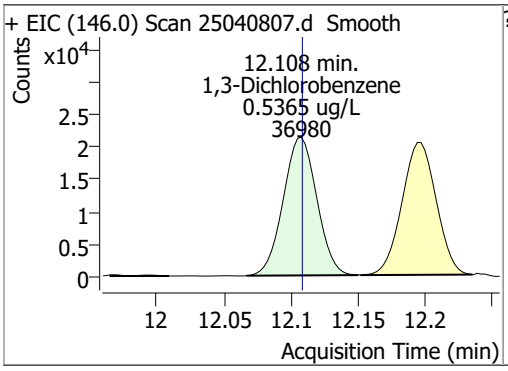
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	0.5214	12.02	0.00	79054	134.0	20.5	0.0	50.2
					91.0	17.0	0.0	46.2

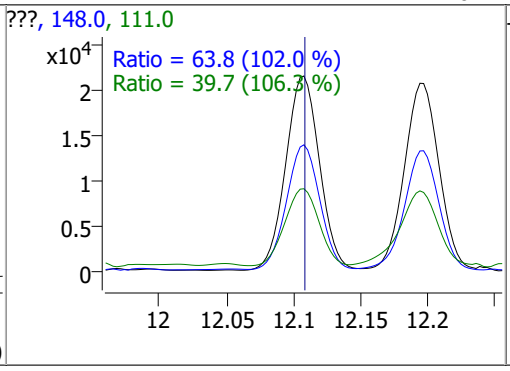


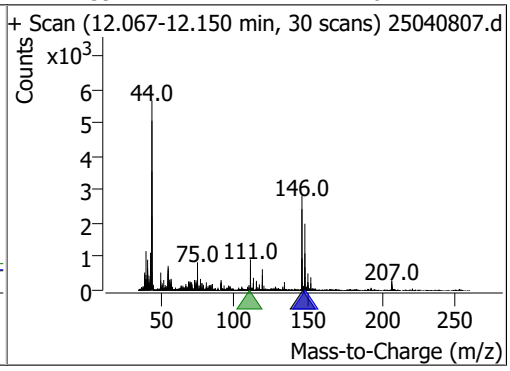




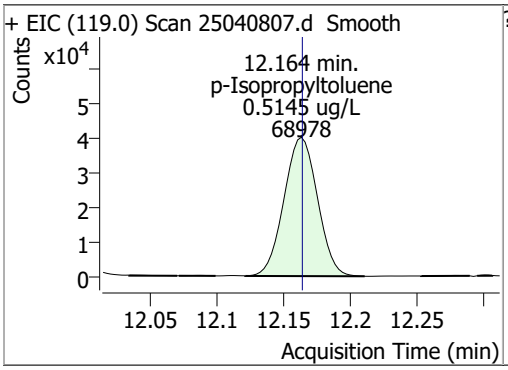
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	0.5365	12.11	0.00	36980	148.0	63.8	32.5	92.5
					111.0	39.7	7.4	67.4

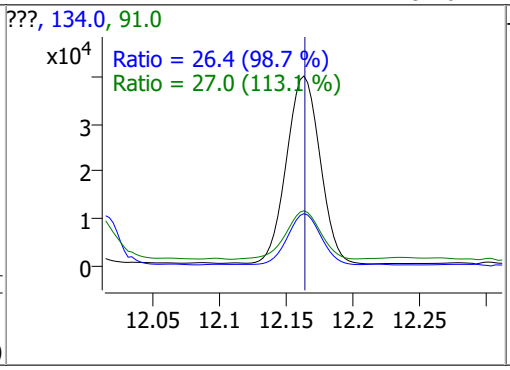


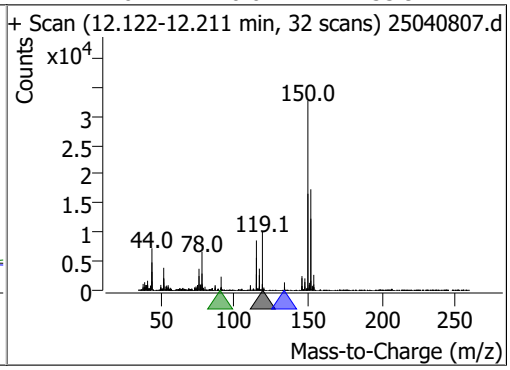




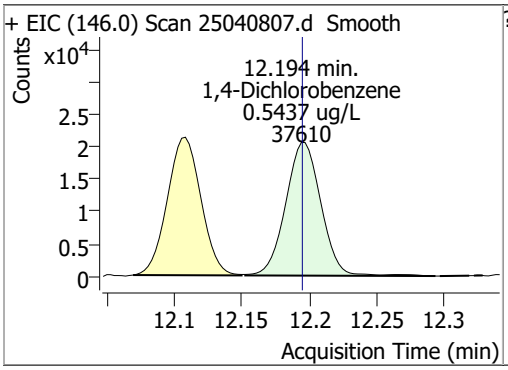
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	0.5145	12.16	0.00	68978	134.0	26.4	0.0	56.7
					91.0	27.0	0.0	53.9

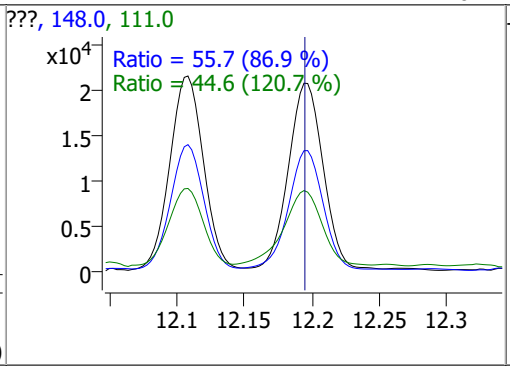


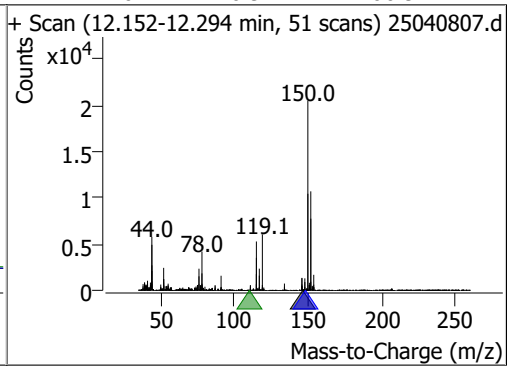




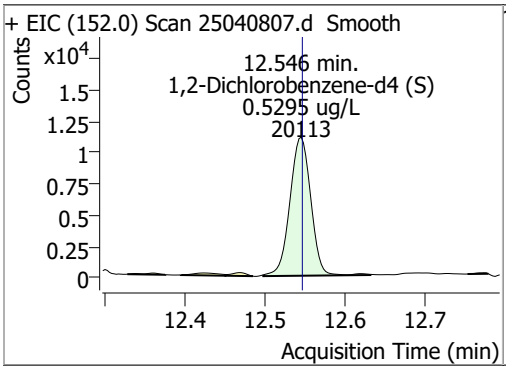
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	0.5437	12.19	0.00	37610	148.0	55.7	34.1	94.1
					111.0	44.6	6.9	66.9

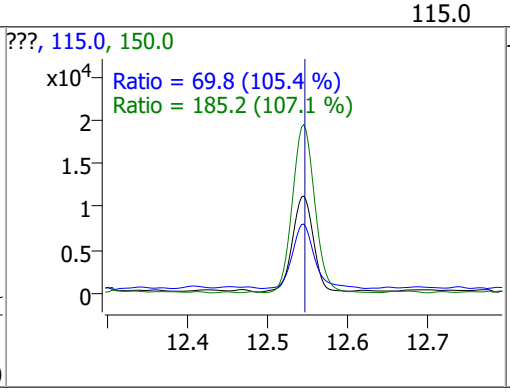


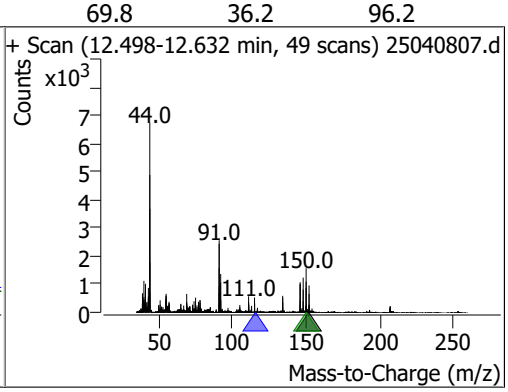




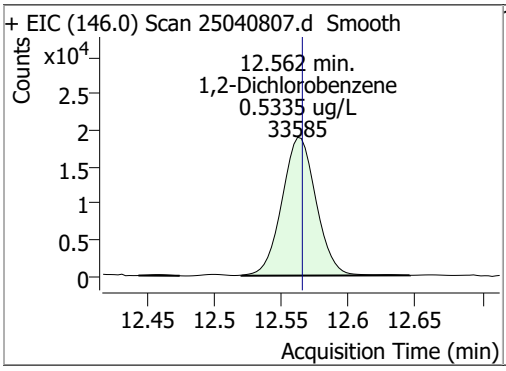
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	0.5295	12.55	0.00	20113	150.0	185.2	142.9	202.9
					115.0	69.8	36.2	96.2

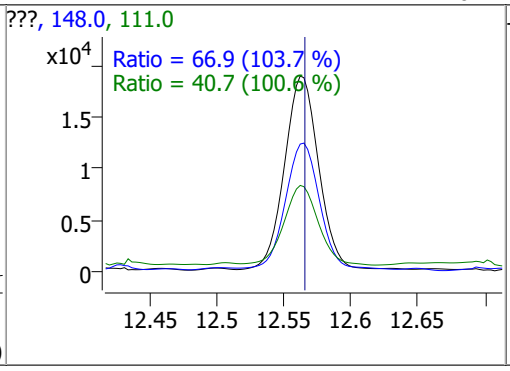


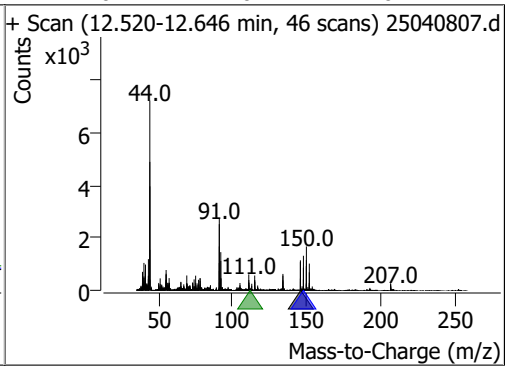




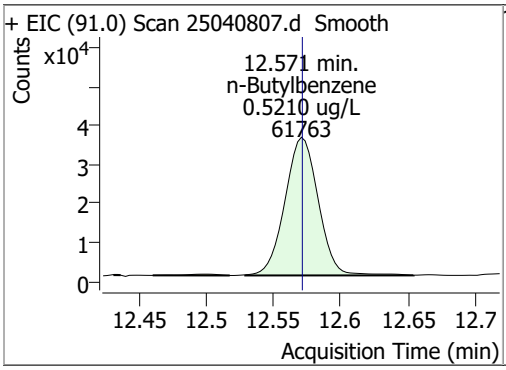
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	0.5335	12.56	0.00	33585	148.0	66.9	34.5	94.5
					111.0	40.7	10.4	70.4

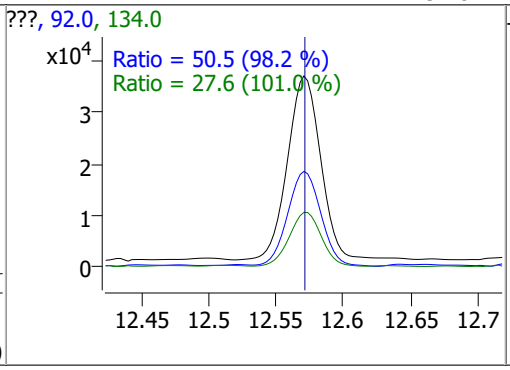


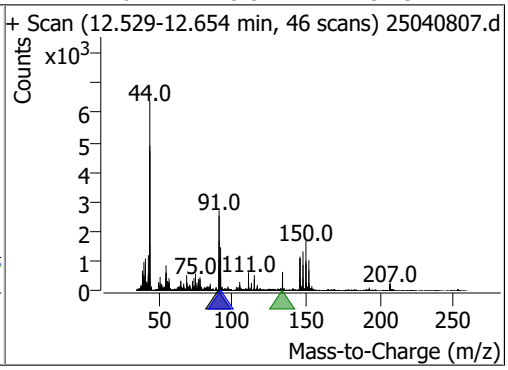




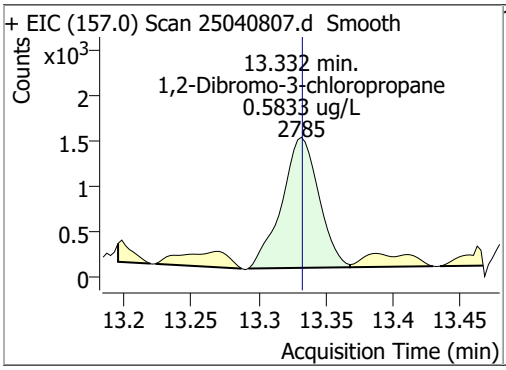
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	0.5210	12.57	0.00	61763	92.0	50.5	21.5	81.5
					134.0	27.6	0.0	57.3

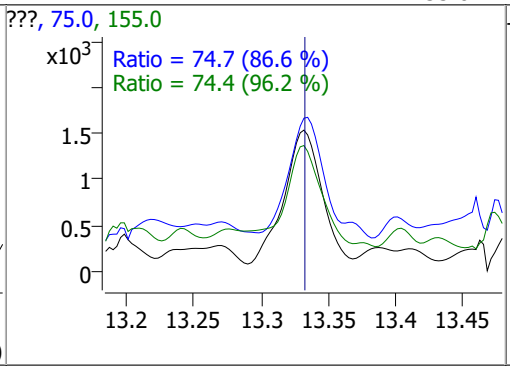


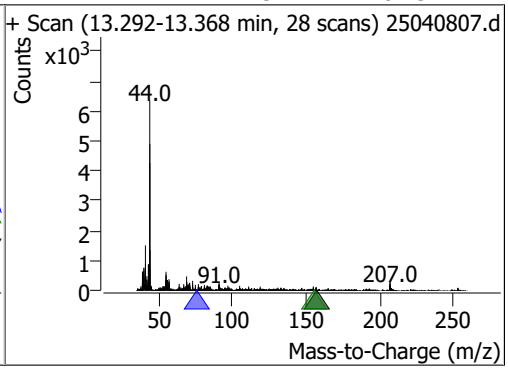




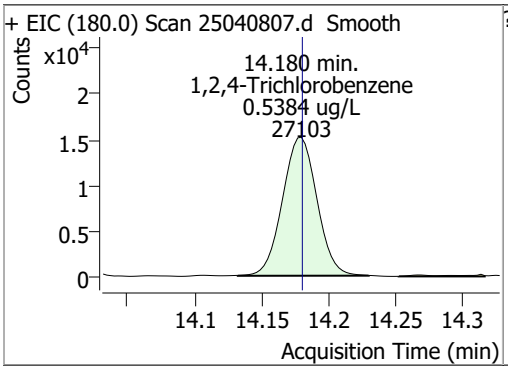
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	0.5833	13.33	0.00	2785	75.0	74.7	56.2	116.2
					155.0	74.4	47.3	107.3

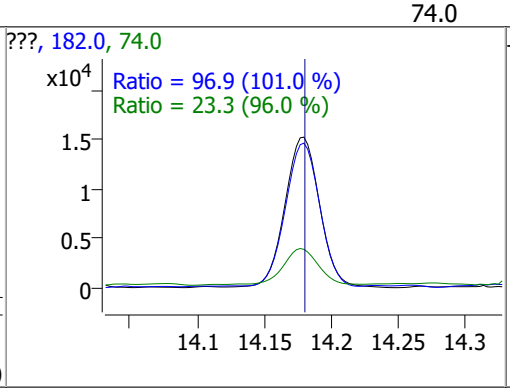


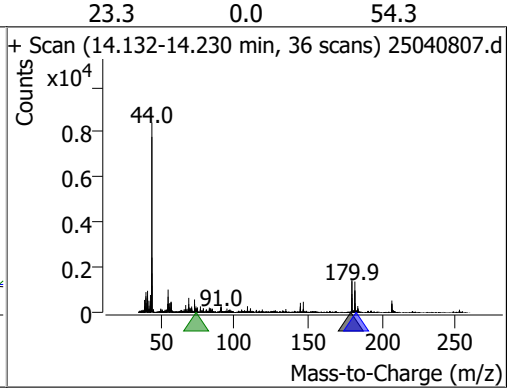




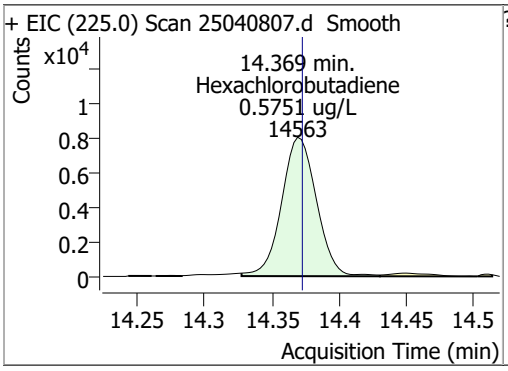
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	0.5384	14.18	0.00	27103	182.0	96.9	66.0	126.0
					74.0	23.3	0.0	54.3

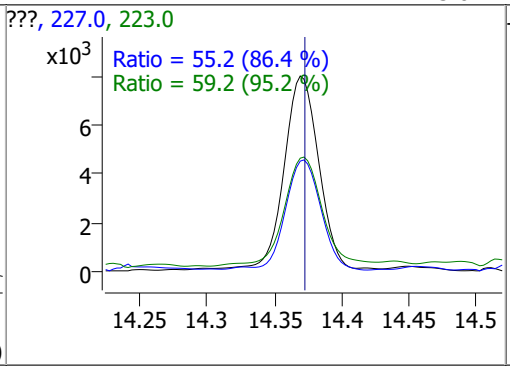


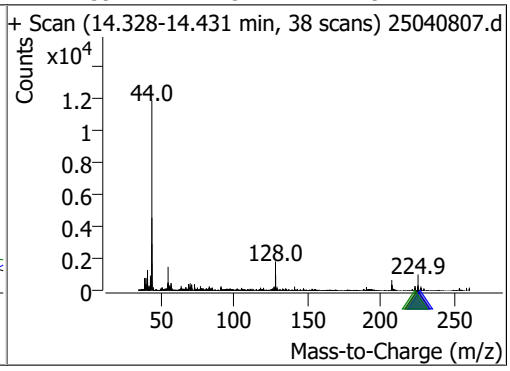




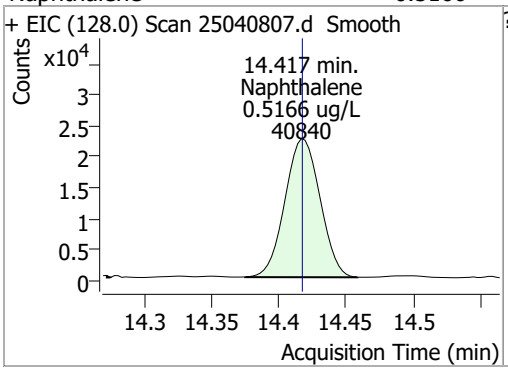
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	0.5751	14.37	0.00	14563	227.0	55.2	33.9	93.9
					223.0	59.2	32.2	92.2

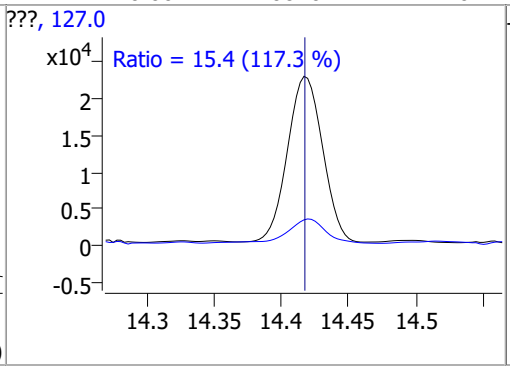


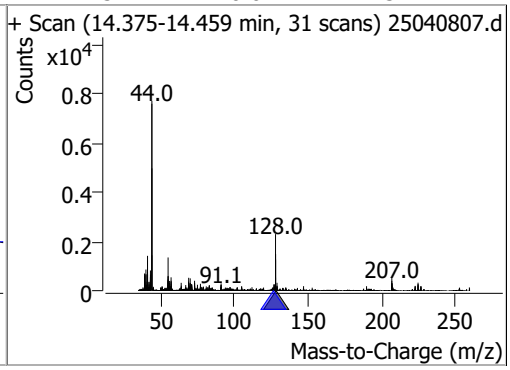




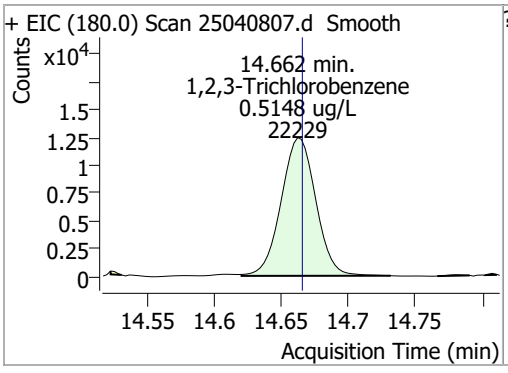
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.5166	14.42	0.00	40840	127.0	15.4	0.0	43.1

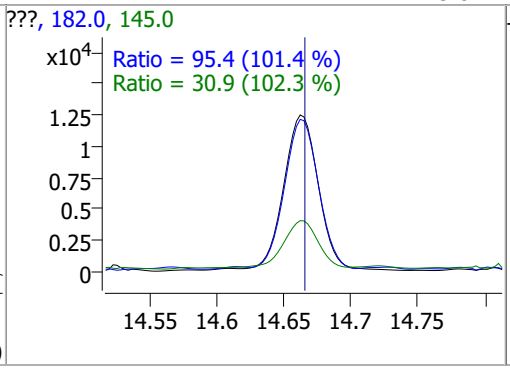


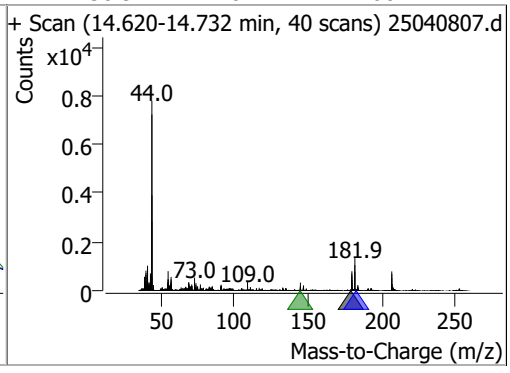




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	0.5148	14.66	0.00	22229	182.0	95.4	64.1	124.1
					145.0	30.9	0.2	60.2







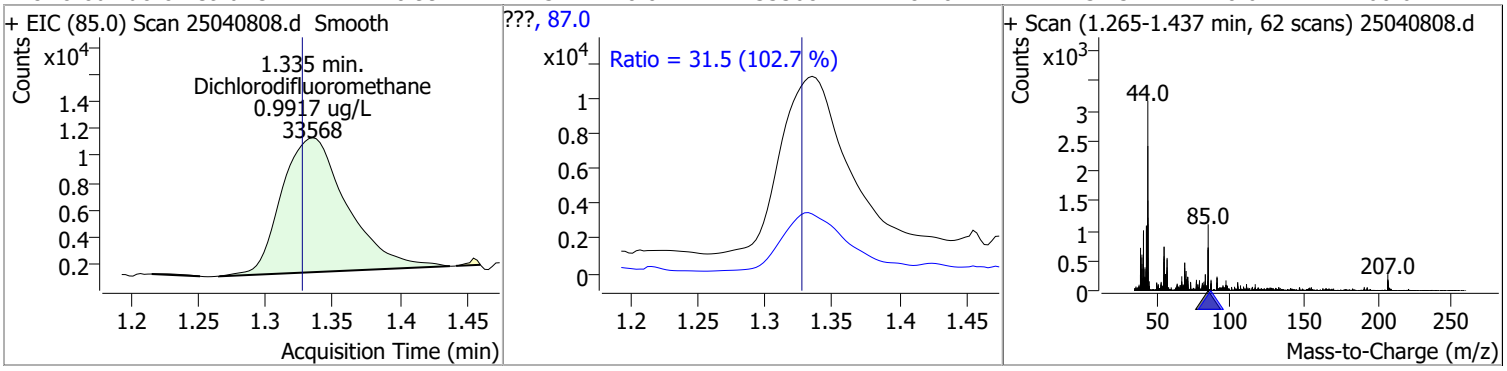
Data File	25040808.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 8:33:51 PM
Sample Name	CAL 1 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		424504	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		315185	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		174019	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.037		75522	1.0312	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.307		28580	0.9946	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		40635	0.9818	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.546		41358	1.0591	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.335		33568	0.9917	ug/L	98
3) Chloromethane	1.500		37916	1.0611	ug/L	95
4) Vinyl Chloride	1.603		36652	1.0349	ug/L	95
5) Bromomethane	1.907		24077	1.0418	ug/L	100
6) Chloroethane	1.988		19508	1.0299	ug/L	99
7) Trichlorofluoromethane	2.280		51309	1.3765	ug/L	92
9) 1,1-Dichloroethylene	2.799		45328	1.0469	ug/L	97
10) Acetone	2.919		11378	9.8298	ug/L	95
11) Iodomethane	2.958		527448	10.0795	ug/L	100
12) Carbon Disulfide	3.036		894037	10.1825	ug/L	100
13) Dichloromethane	3.427		35380	1.0258	ug/L	97
15) trans 1,2-Dichloroethylene	3.839		42468	0.9870	ug/L	99
16) MTBE	3.979		54693	0.9459	ug/L	98
17) 1,1-Dichloroethane	4.489		52397	1.0137	ug/L	99
18) 2,2-Dichloropropane	5.309		53132	1.0619	ug/L	98
19) cis 1,2-Dichloroethylene	5.309		32753	0.9976	ug/L	98
20) 2-Butanone (MEK)	5.429		15784	9.8774	ug/L	91
21) Bromochloromethane	5.599		21606	0.9547	ug/L	96
22) Chloroform	5.736		55595	1.0208	ug/L	96
24) 1,1,1-Trichloroethane	5.942		55085	1.0301	ug/L	98
25) 1,1-Dichloropropylene	6.140		42793	0.9937	ug/L	95
26) Carbon Tetrachloride	6.143		52235	1.0362	ug/L	97
28) Benzene	6.371		119731	0.9847	ug/L	98
29) 1,2-Dichloroethane	6.394		35371	0.9818	ug/L	98
30) Trichloroethylene	7.116		37055	1.0134	ug/L	98
31) 1,2-Dichloropropane	7.345		31117	0.9999	ug/L	94
32) Dibromomethane	7.462		17119	0.9670	ug/L	98
33) Methyl Methacrylate	7.551		166285	9.5590	ug/L	98
34) Bromodichloromethane	7.646		37966	0.9644	ug/L	100
36) cis 1,3-Dichloropropylene	8.123		46080	0.9760	ug/L	96
37) 4-Methyl-2-pentanone (MIBK)	8.340		155343	9.7124	ug/L	99

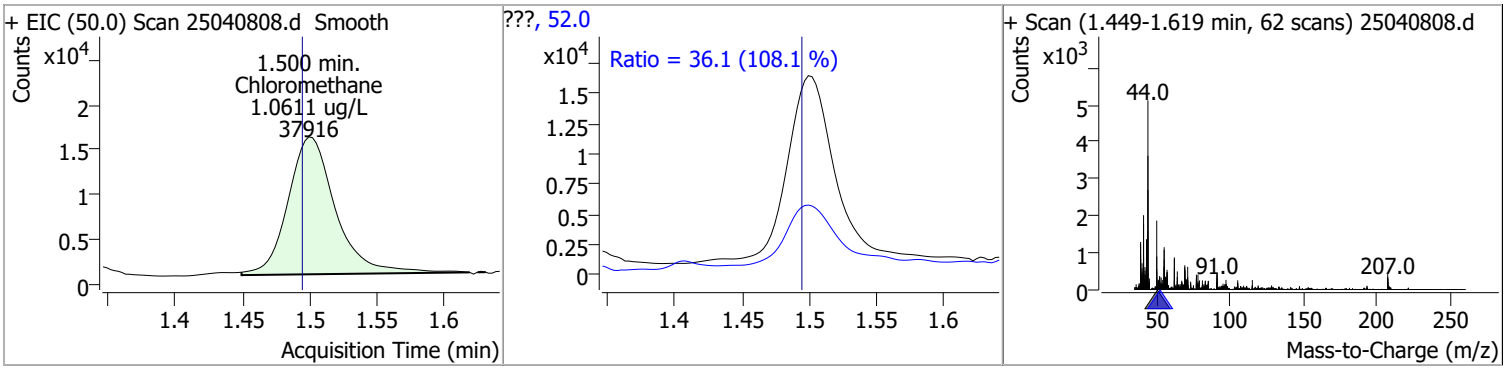
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.466		138504	1.0111	ug/L		99
40) trans 1,3-Dichloropropylene	8.692		40069	1.0083	ug/L		81
41) 1,1,2-trichloroethane	8.870		19629	0.9757	ug/L		98
42) Tetrachloroethylene	9.023		41628	1.0194	ug/L		99
43) 1,3-Dichloropropane	9.037		33152	0.9790	ug/L		95
44) 2-Hexanone	9.180		104769	9.7543	ug/L		98
45) Dibromochloromethane	9.258		26254	0.9670	ug/L		97
46) 1,2-Dibromoethane (EDB)	9.361		18260	0.9293	ug/L		98
47) Chlorobenzene	9.871		86001	1.0000	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958		32533	1.0010	ug/L		98
49) Ethylbenzene	9.994		156374	1.0184	ug/L		99
50) m,p-Xylenes	10.114		124454	1.0121	ug/L		99
51) o-Xylene	10.507		122975	0.9998	ug/L		99
52) Styrene	10.515		92692	0.9849	ug/L		98
53) Bromoform	10.677		16419	0.9558	ug/L		98
54) Isopropylbenzene	10.881		156701	1.0085	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.160		20170	0.9735	ug/L		97
57) Bromobenzene	11.162		39708	1.0793	ug/L		94
59) 1,2,3-Trichloropropane	11.199		6079	0.9954	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221		50375	9.9899	ug/L		98
61) n-Propylbenzene	11.291		43780	1.0614	ug/L		99
62) 2-Chlorotoluene	11.363		103112	1.0444	ug/L		97
63) 1,3,5-Trimethylbenzene	11.472		132008	1.0456	ug/L		100
64) 4-Chlorotoluene	11.472		38982	1.0752	ug/L		94
65) tert-Butylbenzene	11.795		27481	1.0875	ug/L		94
66) 1,2,4-Trimethylbenzene	11.840		134315	1.0476	ug/L		98
67) sec-Butylbenzene	12.016		162620	1.0434	ug/L		98
68) 1,3-Dichlorobenzene	12.108		71223	1.0052	ug/L		93
69) p-Isopropyltoluene	12.164		144040	1.0451	ug/L		99
70) 1,4-Dichlorobenzene	12.197		76913	1.0817	ug/L		99
73) 1,2-Dichlorobenzene	12.562		67041	1.0360	ug/L		98
71) n-Butylbenzene	12.571		124958	1.0253	ug/L		98
74) 1,2-Dibromo-3-chloropropane	13.332		5156	1.0507	ug/L		93
75) 1,2,4-Trichlorobenzene	14.180		52377	1.0121	ug/L		98
76) Hexachlorobutadiene	14.369		27097	1.0410	ug/L		99
77) Naphthalene	14.417		80077	0.9854	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662		45139	1.0170	ug/L		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

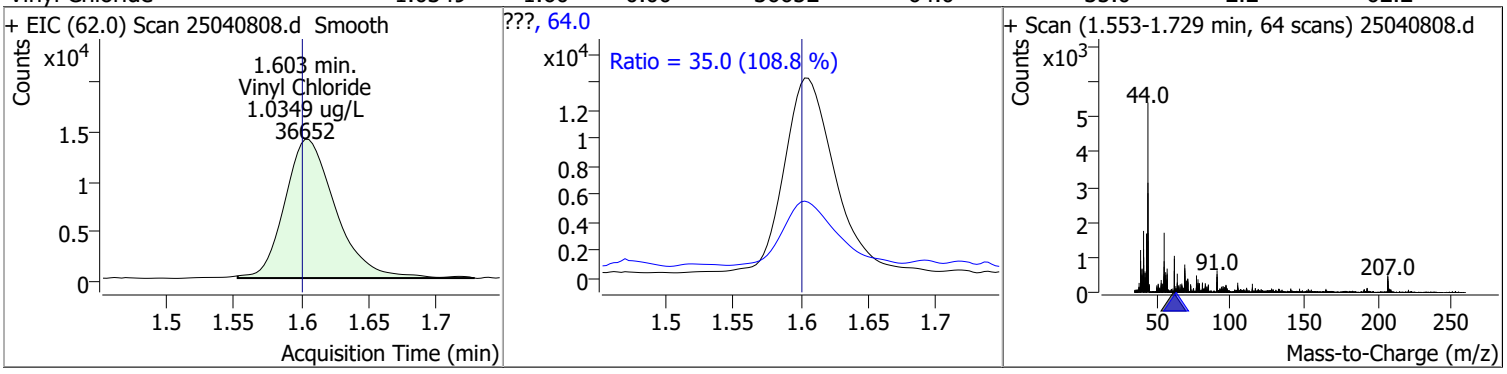
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	0.9917	1.34	0.01	33568	87.0	31.5	0.6	60.6



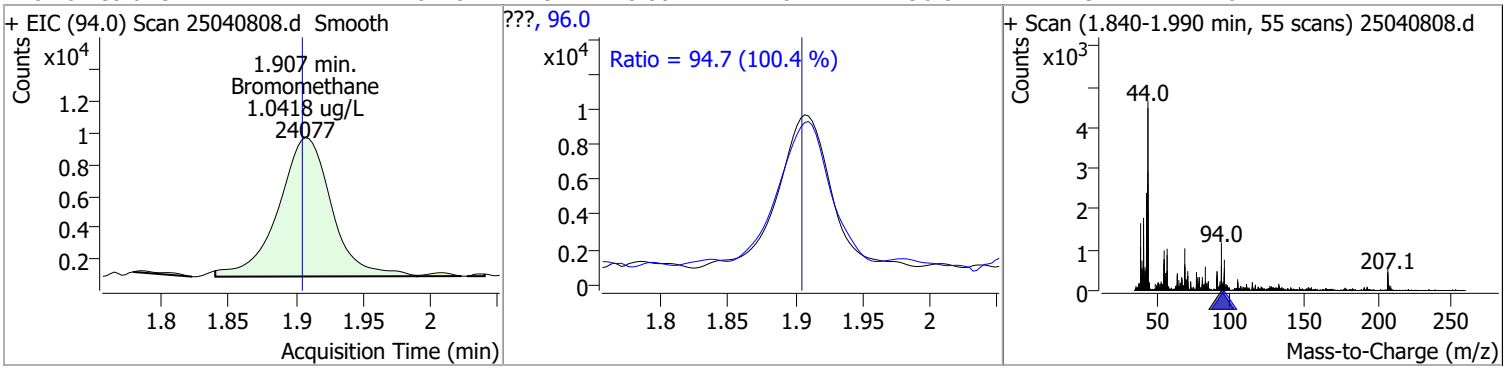
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.0611	1.50	0.01	37916	52.0	36.1	3.4	63.4



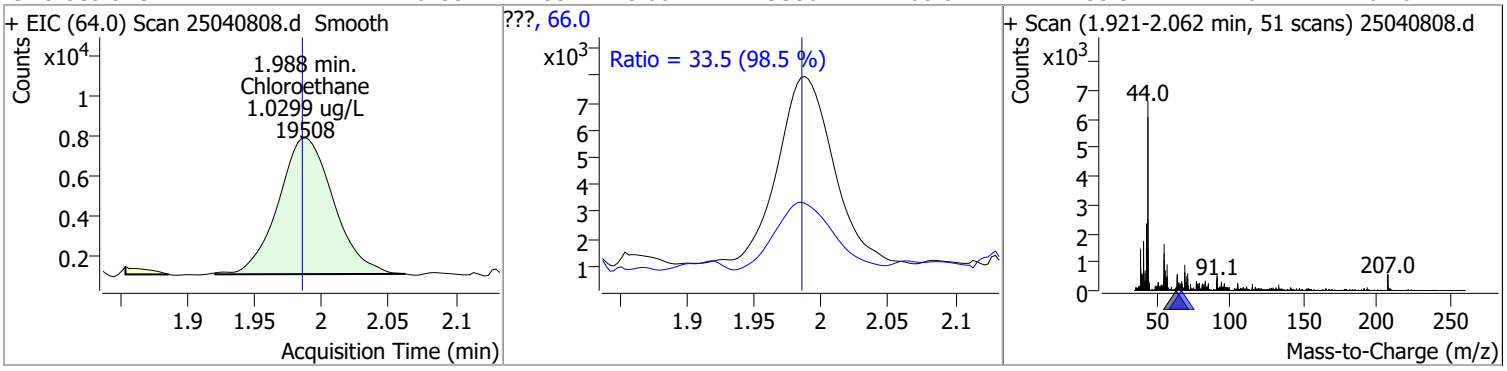
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	1.0349	1.60	0.00	36652	64.0	35.0	2.2	62.2



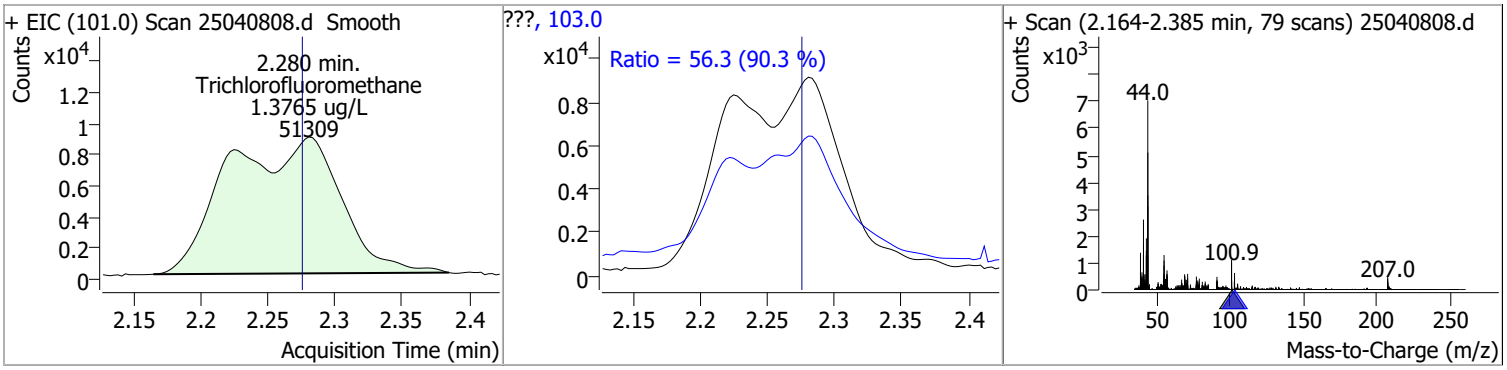
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	1.0418	1.91	0.00	24077	96.0	94.7	64.4	124.4



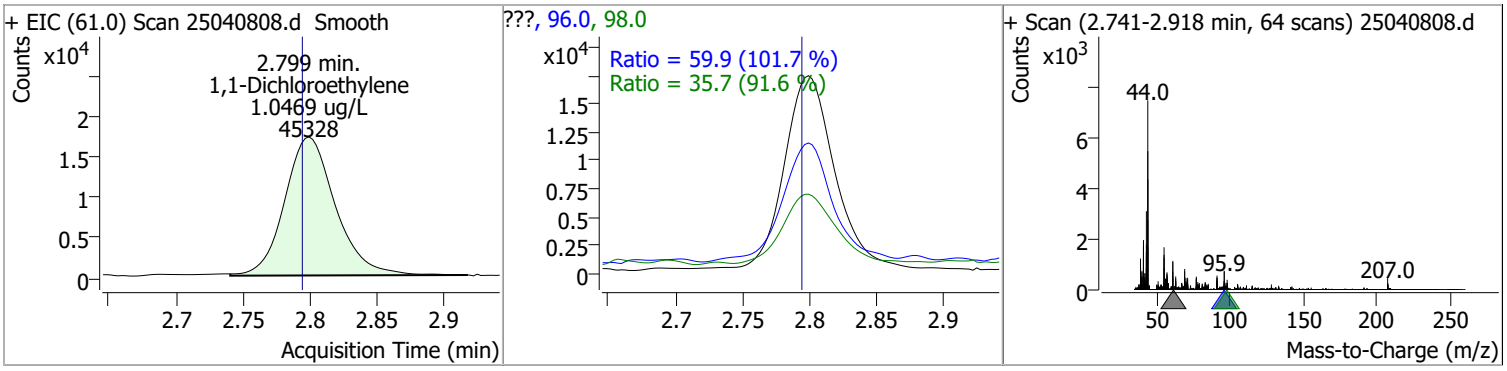
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	1.0299	1.99	0.00	19508	66.0	33.5	4.0	64.0



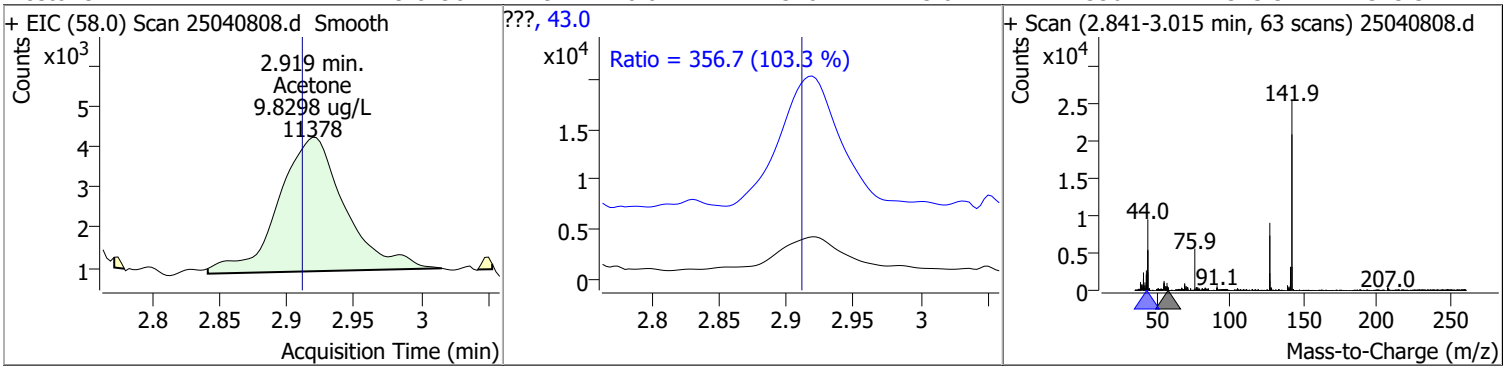
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	1.3765	2.28	0.01	51309	103.0	56.3	32.3	92.3



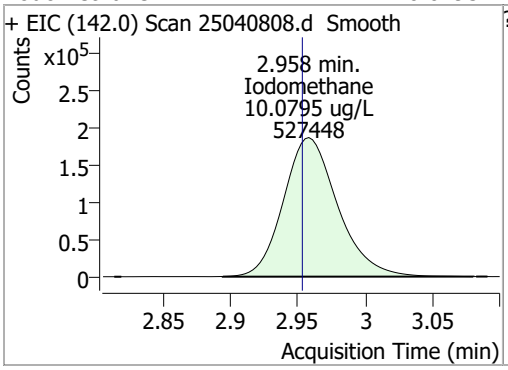
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	1.0469	2.80	0.01	45328	96.0	59.9	28.9	88.9
					98.0	35.7	8.9	68.9

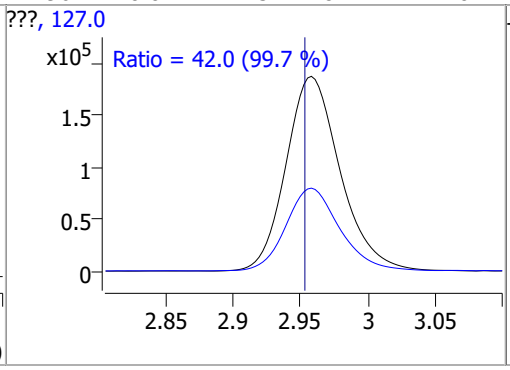


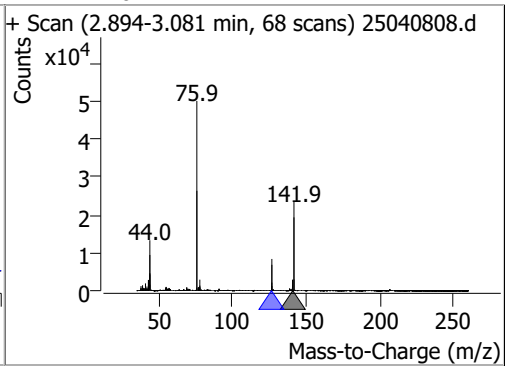
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	9.8298	2.92	0.01	11378	43.0	356.7	315.3	375.3



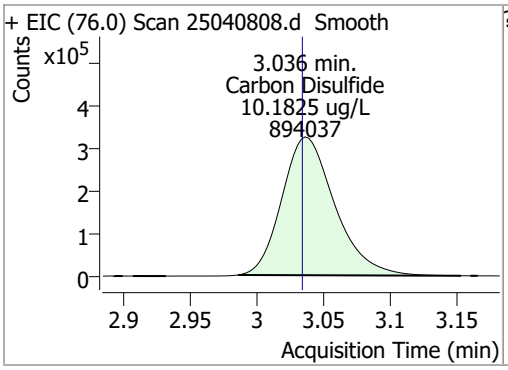
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	10.0795	2.96	0.01	527448	127.0	42.0	12.1	72.1

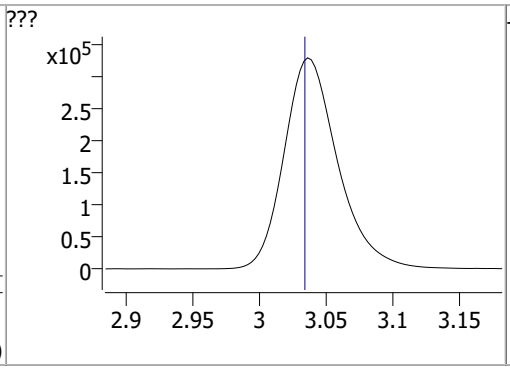


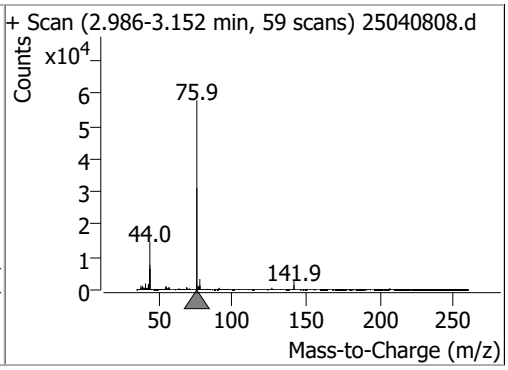




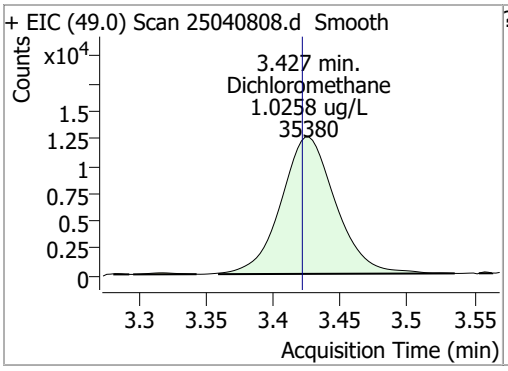
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	10.1825	3.04	0.00	894037				

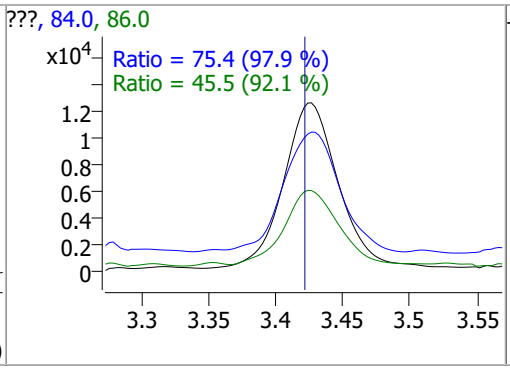


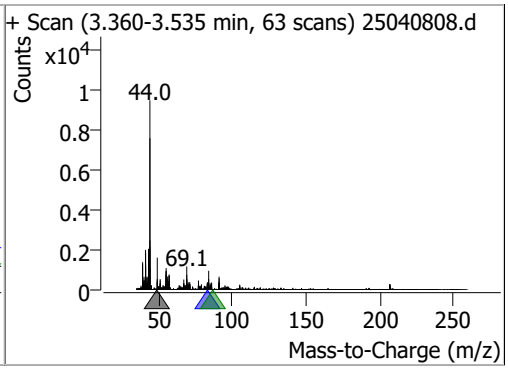




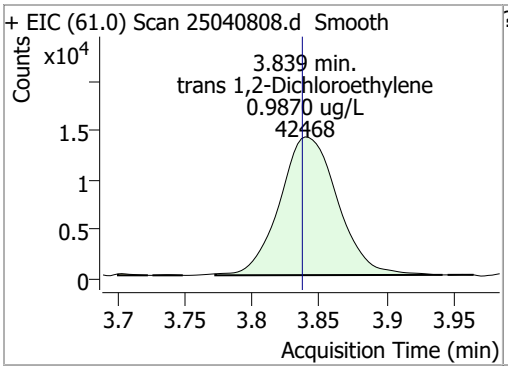
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	1.0258	3.43	0.01	35380	84.0	75.4	47.1	107.1
					86.0	45.5	19.4	79.4

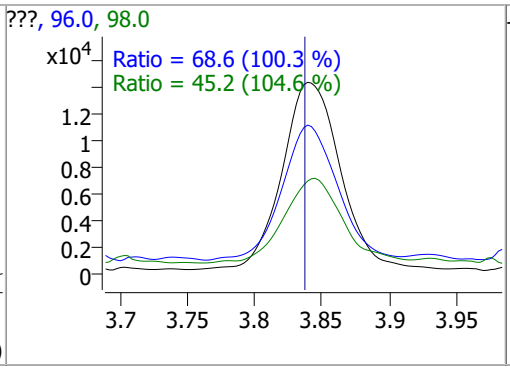


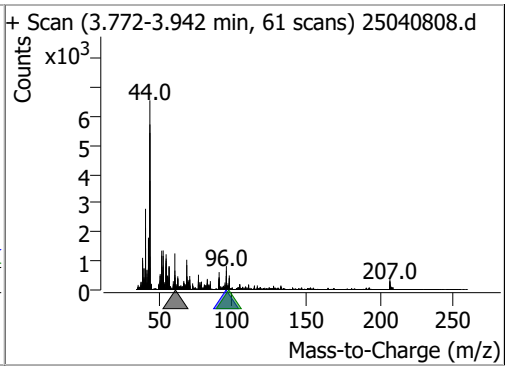




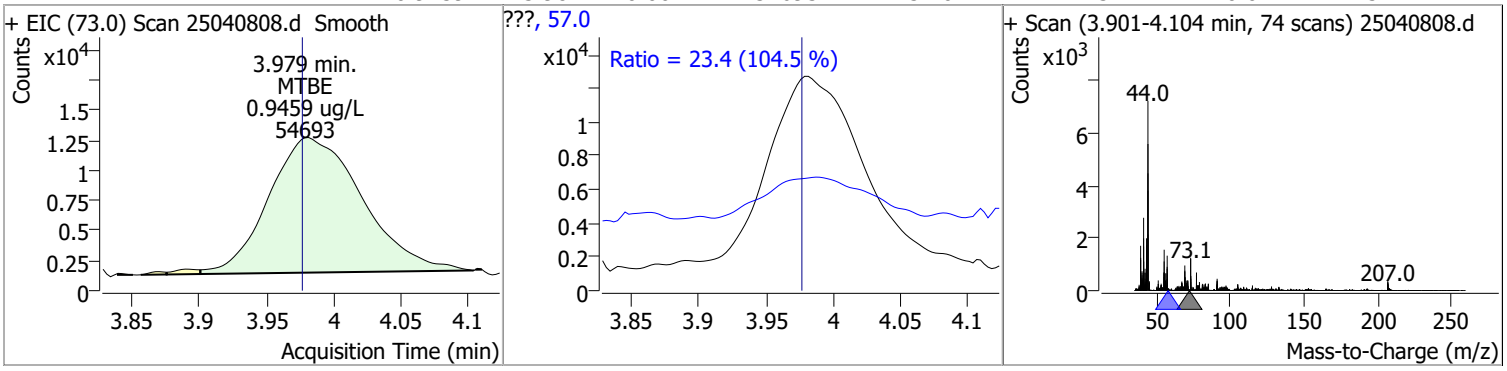
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	0.9870	3.84	0.00	42468	96.0	68.6	38.4	98.4
					98.0	45.2	13.2	73.2



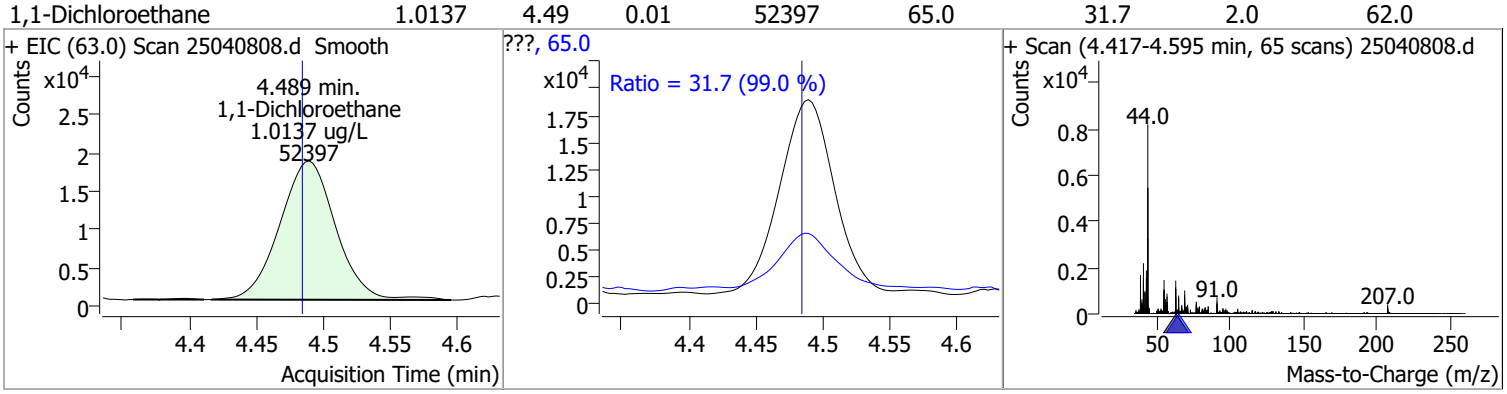




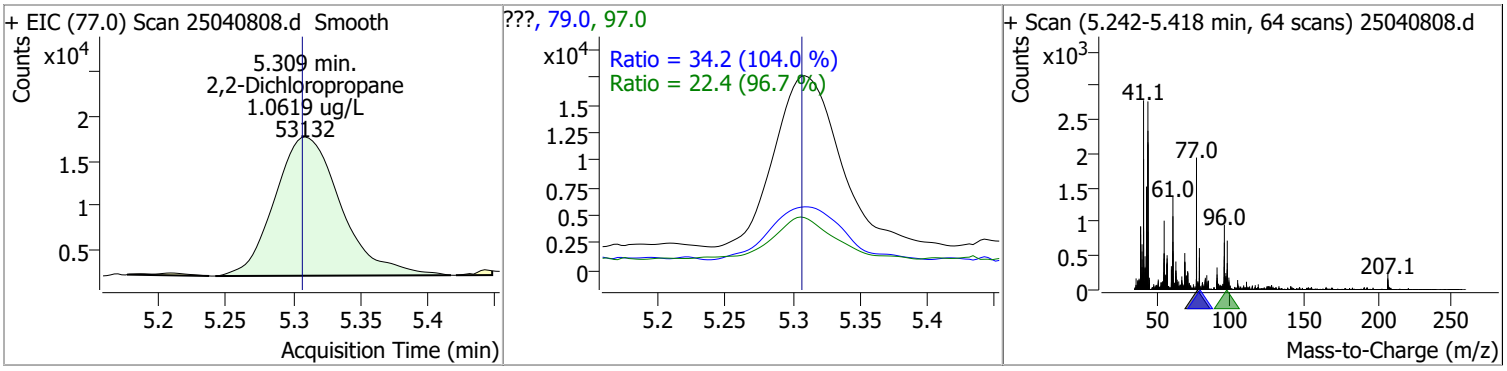
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	0.9459	3.98	0.00	54693	57.0	23.4	0.0	52.4



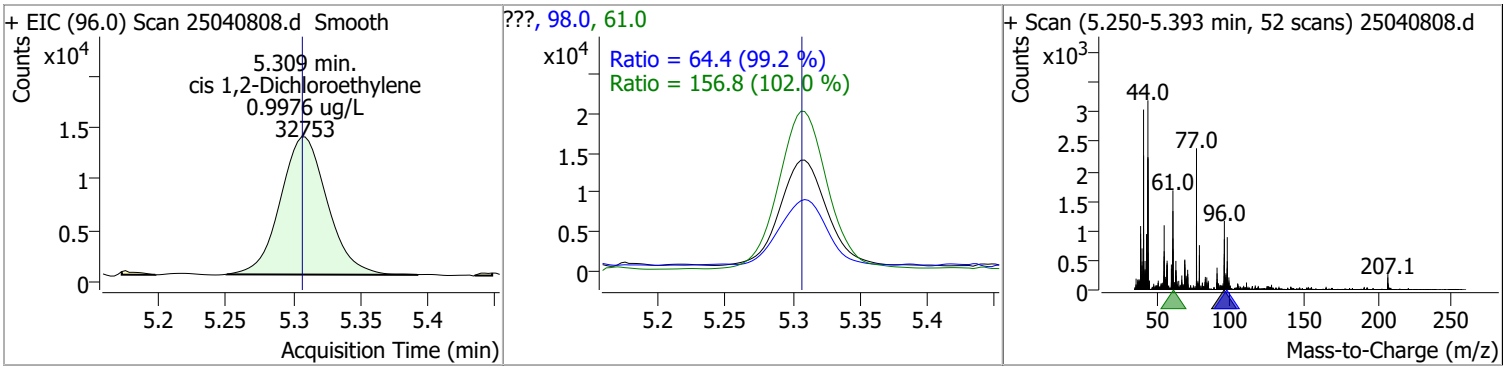
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	1.0137	4.49	0.01	52397	65.0	31.7	2.0	62.0



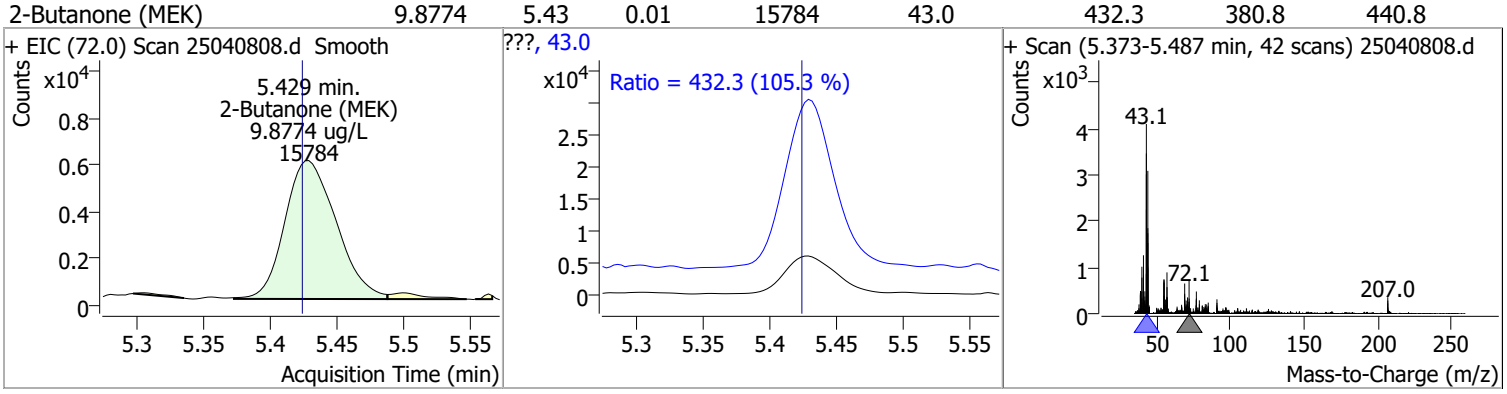
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	1.0619	5.31	0.00	53132	79.0	34.2	2.9	62.9
					97.0	22.4	0.0	53.1



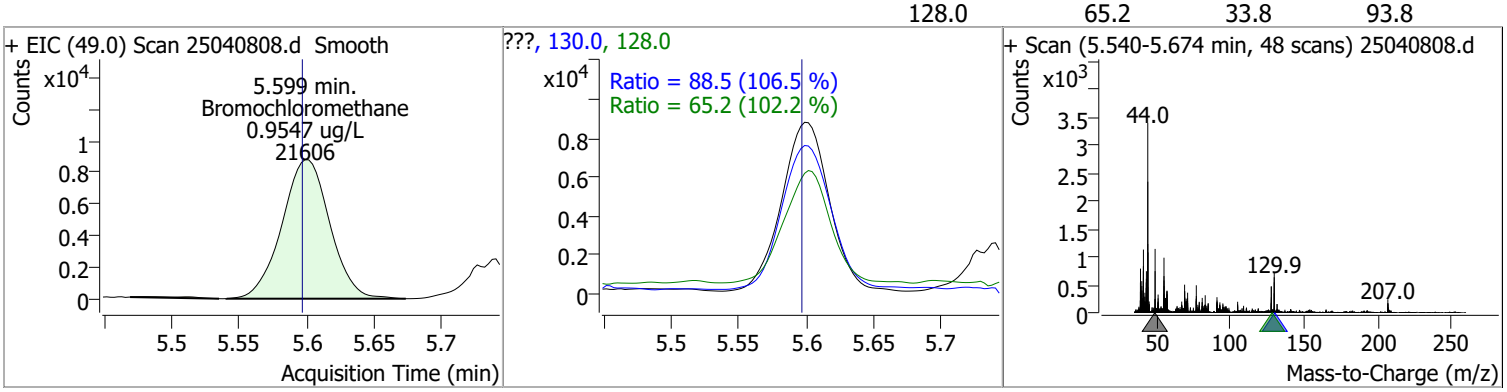
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	0.9976	5.31	0.00	32753	61.0	156.8	123.8	183.8
					98.0	64.4	35.0	95.0



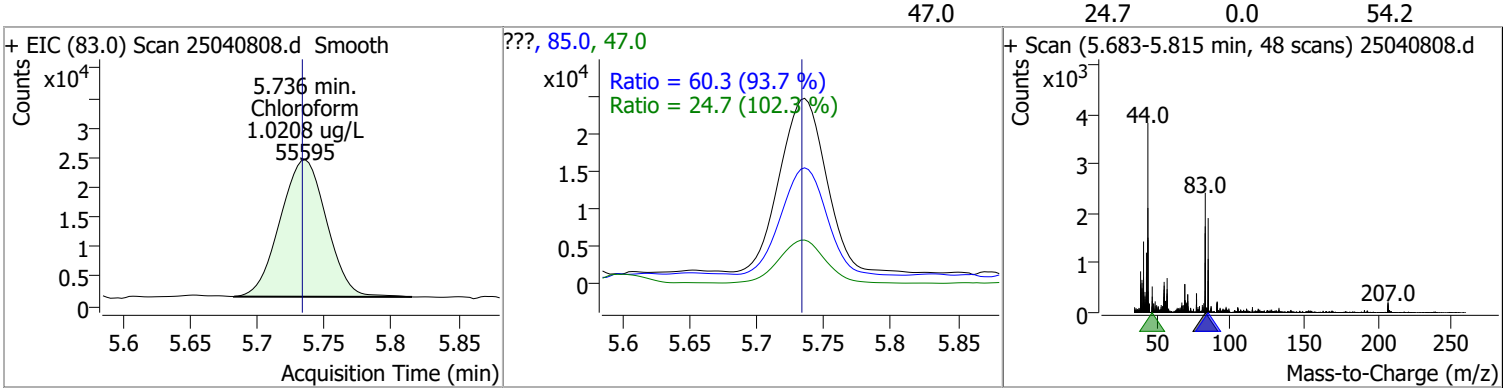
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	9.8774	5.43	0.01	15784	43.0	432.3	380.8	440.8



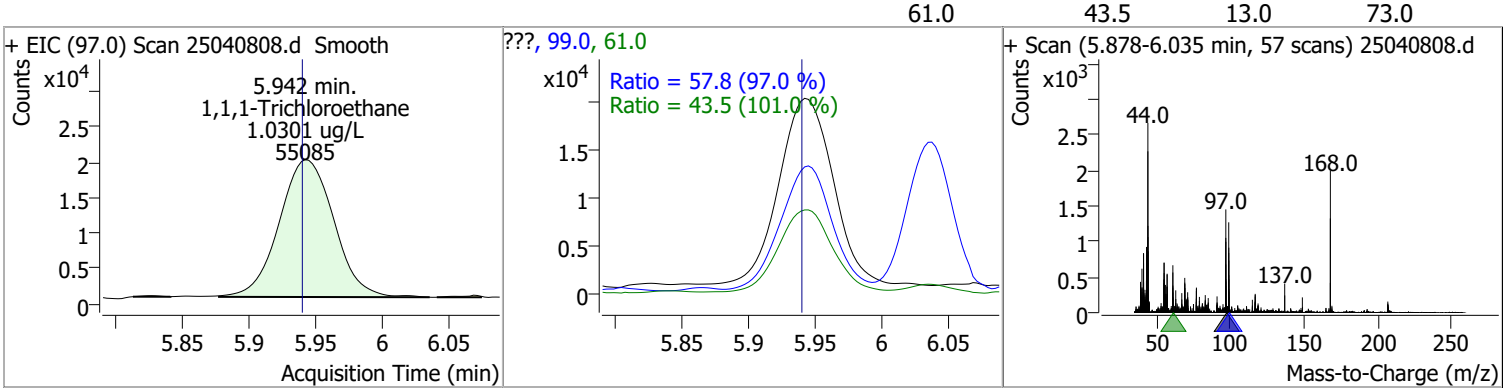
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	0.9547	5.60	0.00	21606	130.0	88.5	53.1	113.1
					128.0	65.2	33.8	93.8



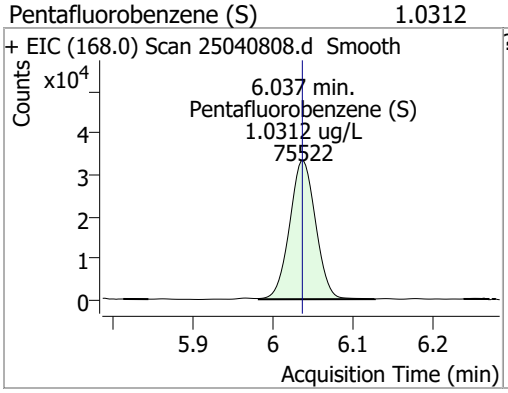
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	1.0208	5.74	0.00	55595	85.0	60.3	34.4	94.4
					47.0	24.7	0.0	54.2

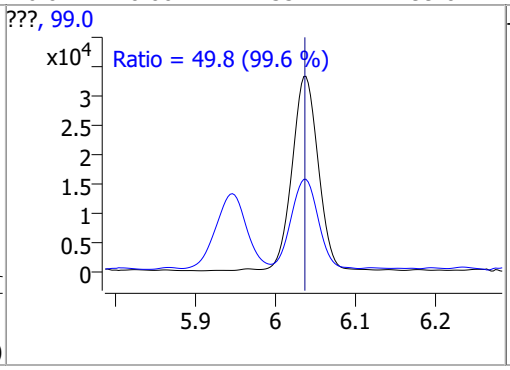


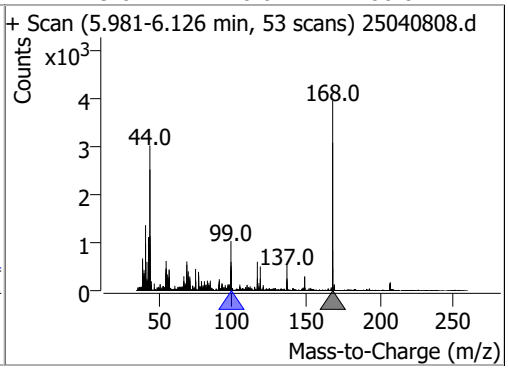
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	1.0301	5.94	0.00	55085	99.0	57.8	29.6	89.6
					61.0	43.5	13.0	73.0



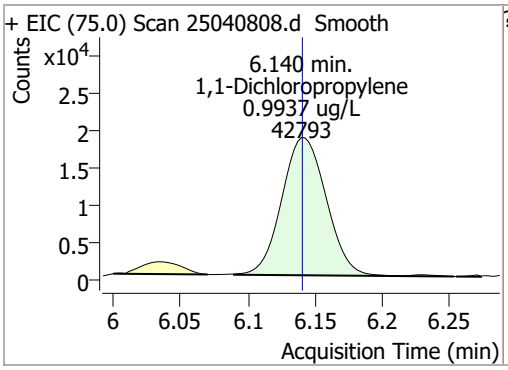
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	1.0312	6.04	0.00	75522	99.0	49.8	20.0	80.0

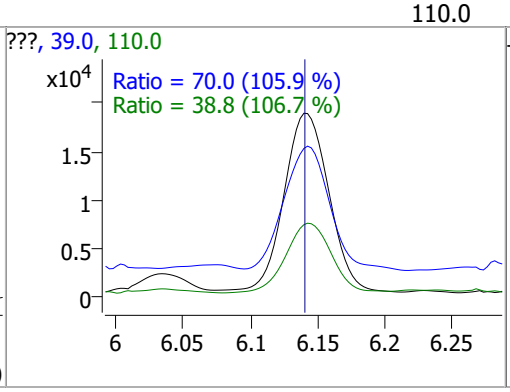


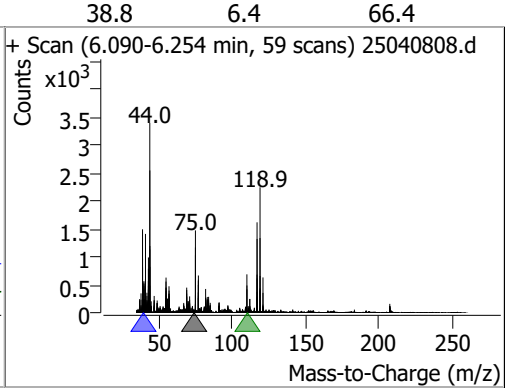




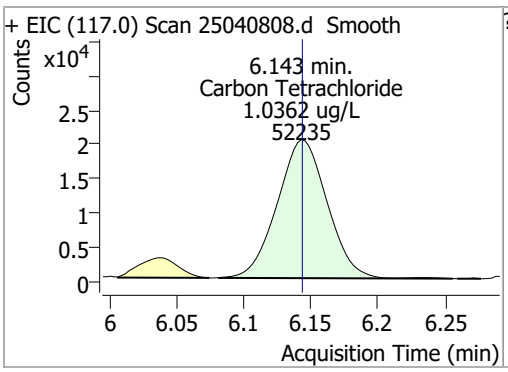
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	0.9937	6.14	0.00	42793	39.0	70.0	36.1	96.1
					110.0	38.8	6.4	66.4

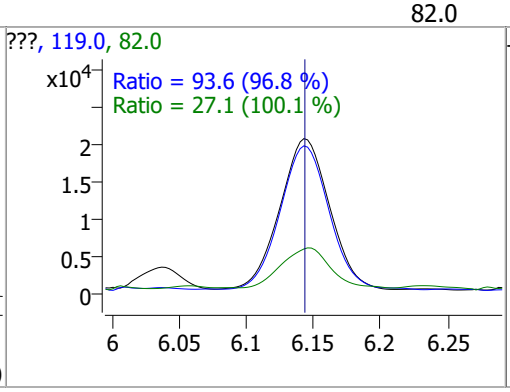


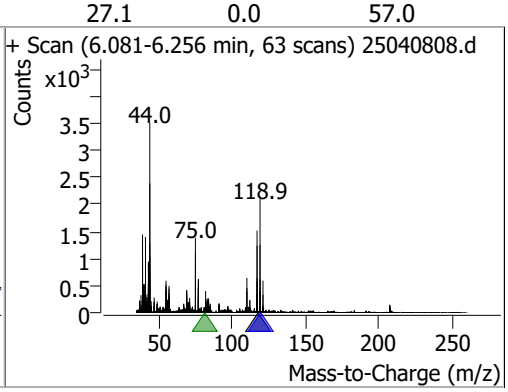




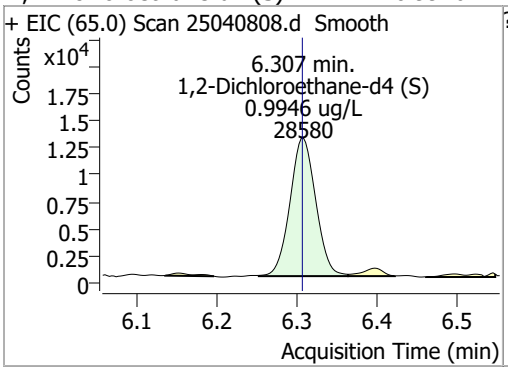
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	1.0362	6.14	0.00	52235	119.0	93.6	66.7	126.7
					82.0	27.1	0.0	57.0

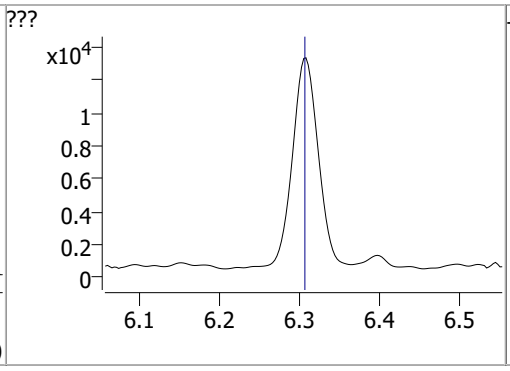


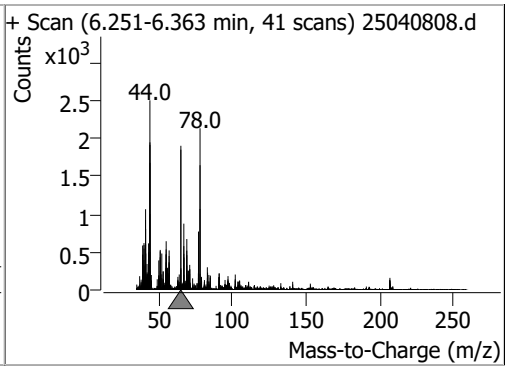




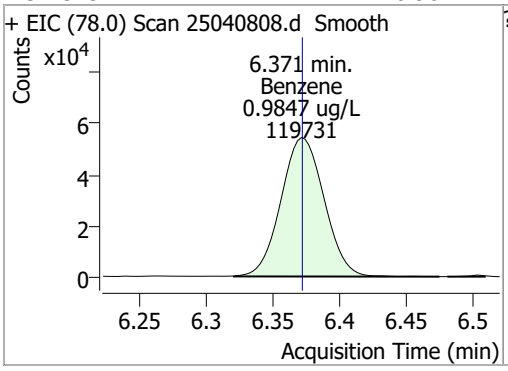
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	0.9946	6.31	0.00	28580				

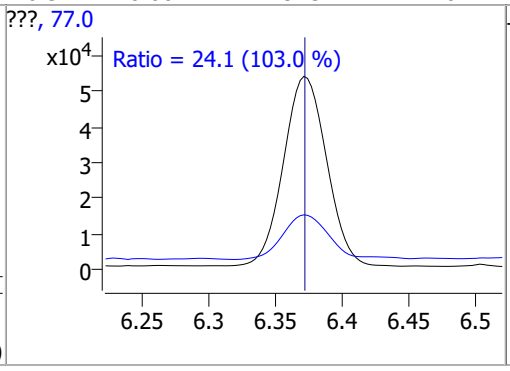


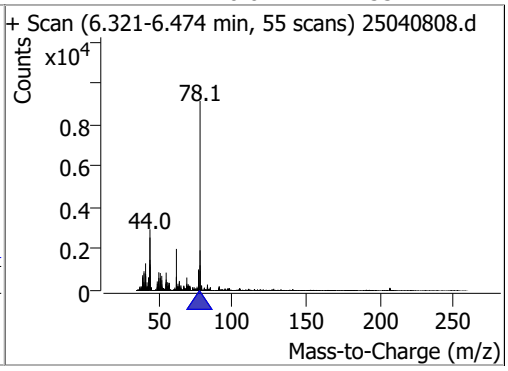




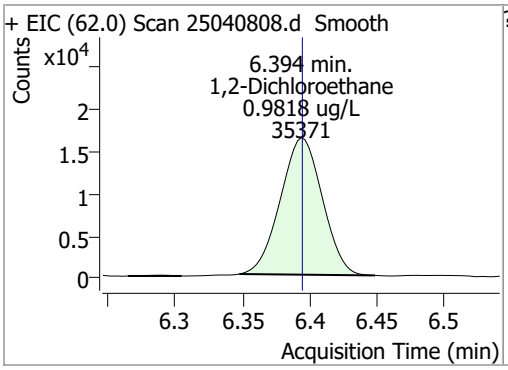
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.9847	6.37	0.00	119731	77.0	24.1	0.0	53.4

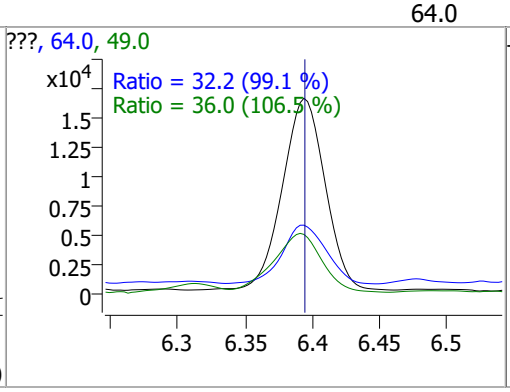


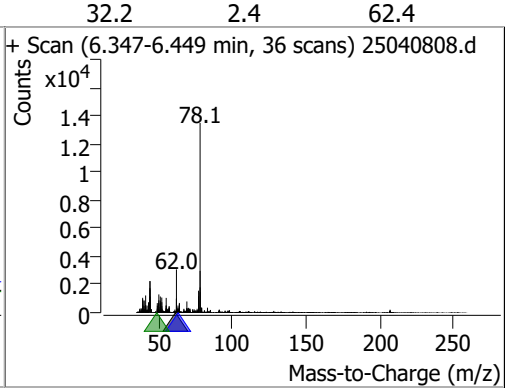




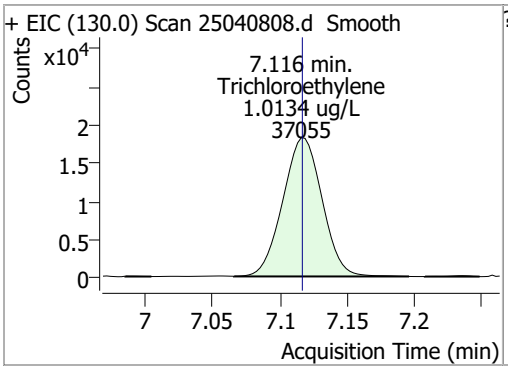
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	0.9818	6.39	0.00	35371	49.0	36.0	3.8	63.8
					64.0	32.2	2.4	62.4

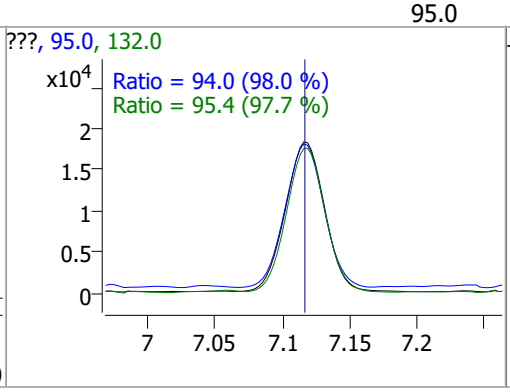


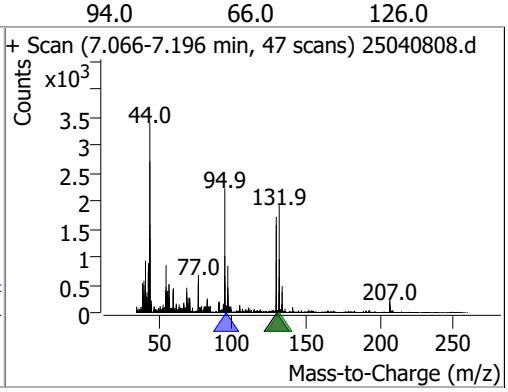




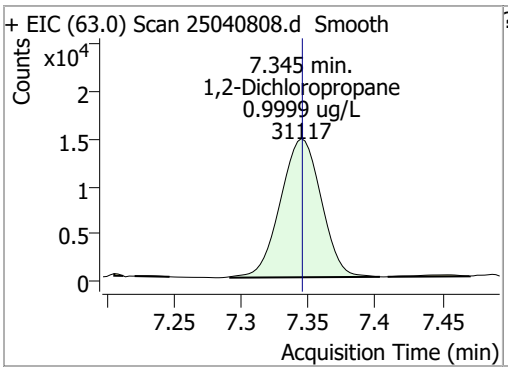
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	1.0134	7.12	0.00	37055	132.0	95.4	67.6	127.6
					95.0	94.0	66.0	126.0

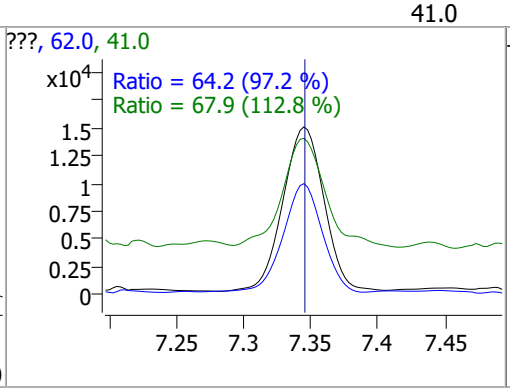


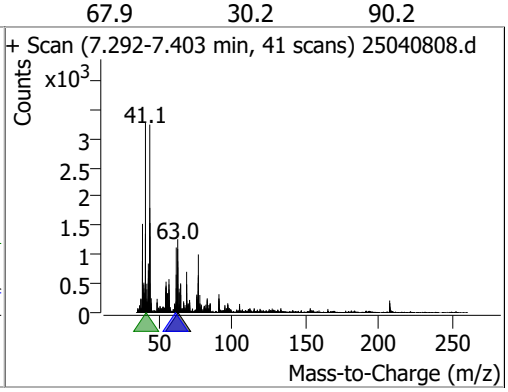




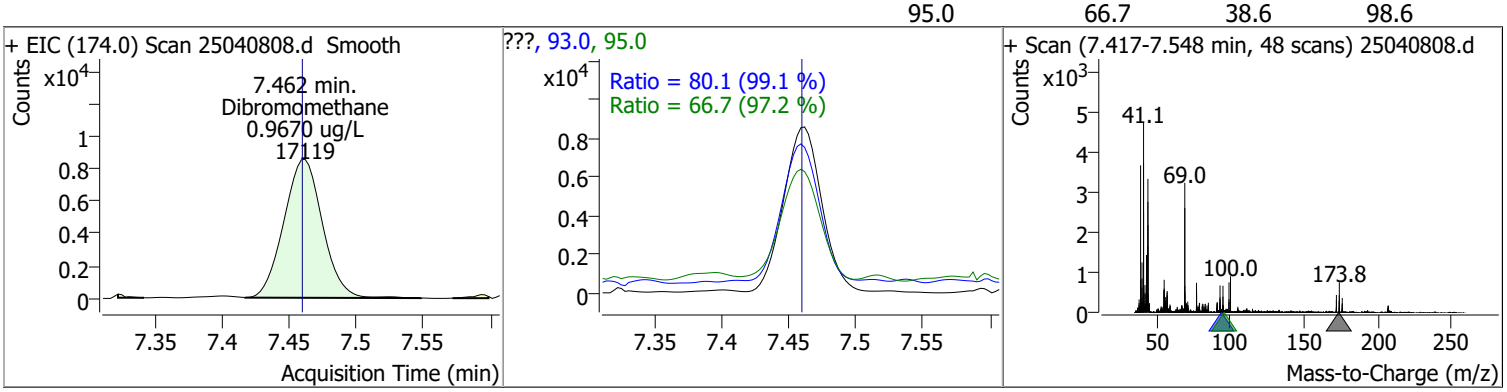
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	0.9999	7.34	0.00	31117	62.0	64.2	36.0	96.0
					41.0	67.9	30.2	90.2



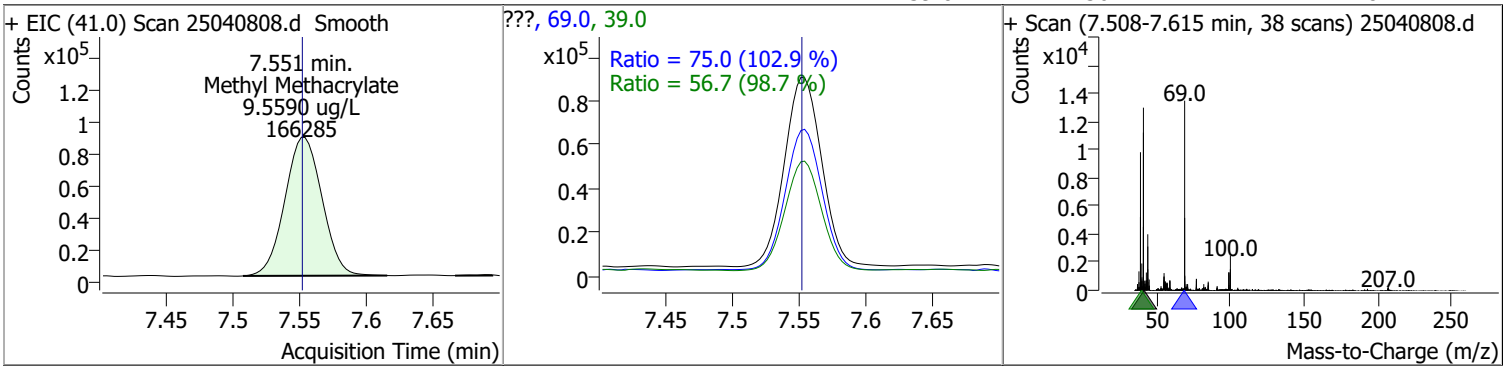




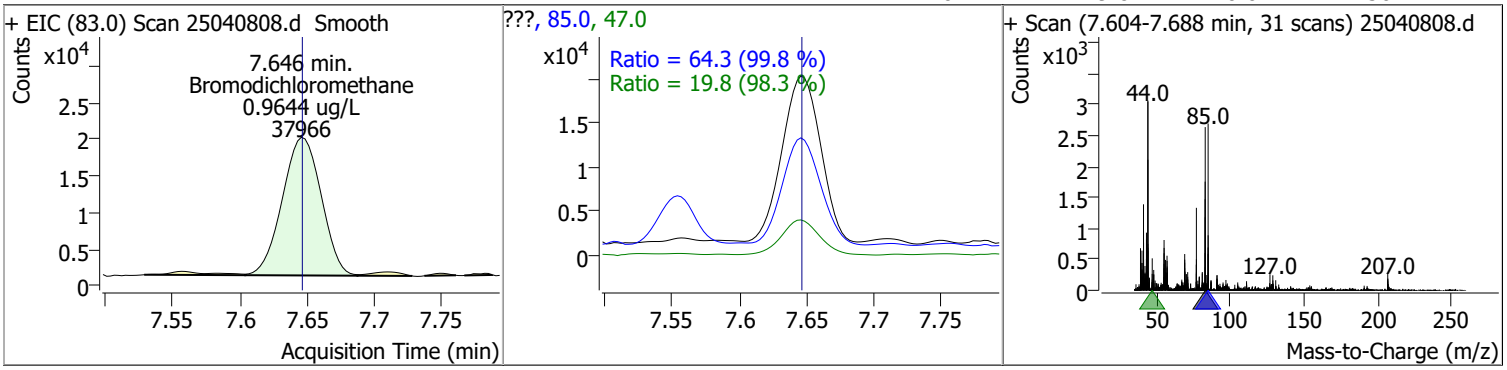
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	0.9670	7.46	0.00	17119	93.0	80.1	50.9	110.9
					95.0	66.7	38.6	98.6



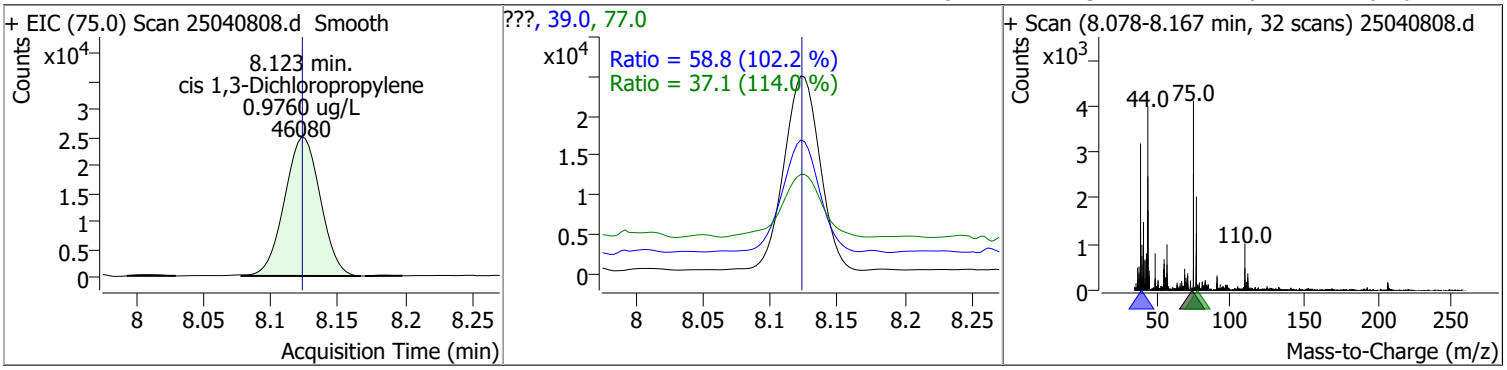
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	9.5590	7.55	0.00	166285	69.0	75.0	42.9	102.9
					39.0	56.7	27.4	87.4



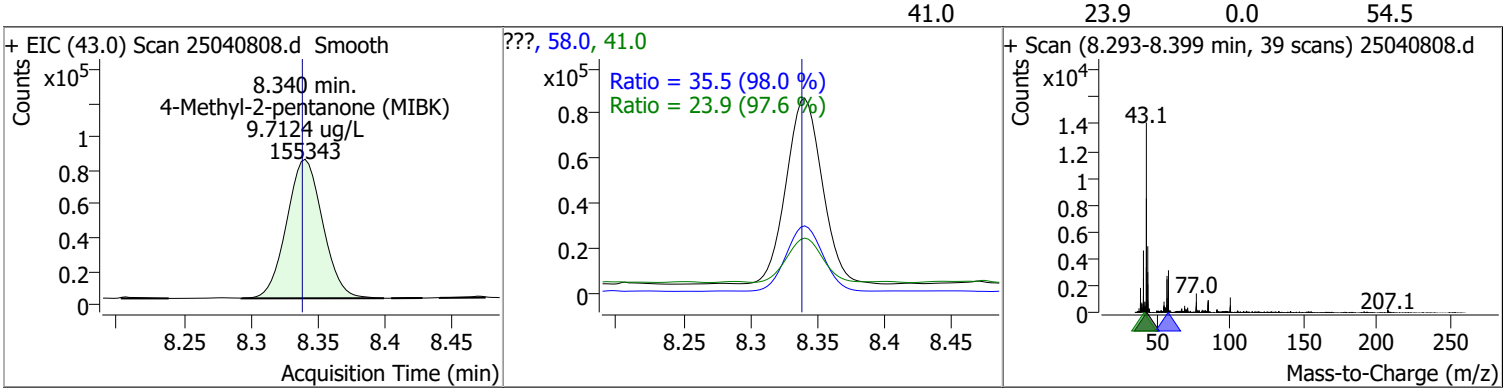
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	0.9644	7.65	0.00	37966	85.0	64.3	34.4	94.4
					47.0	19.8	0.0	50.2



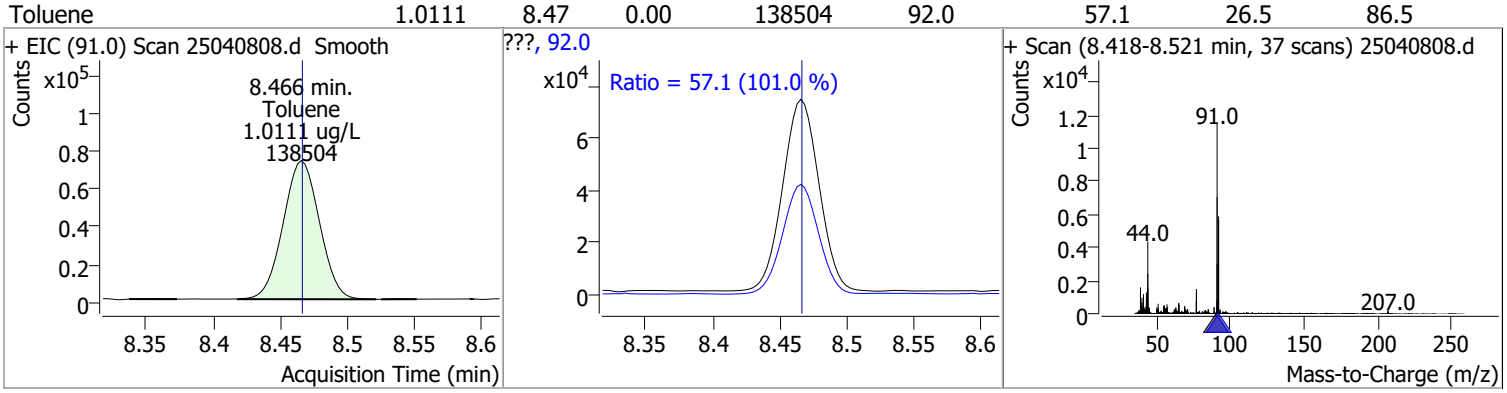
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	0.9760	8.12	0.00	46080	39.0	58.8	27.6	87.6
					77.0	37.1	2.6	62.6



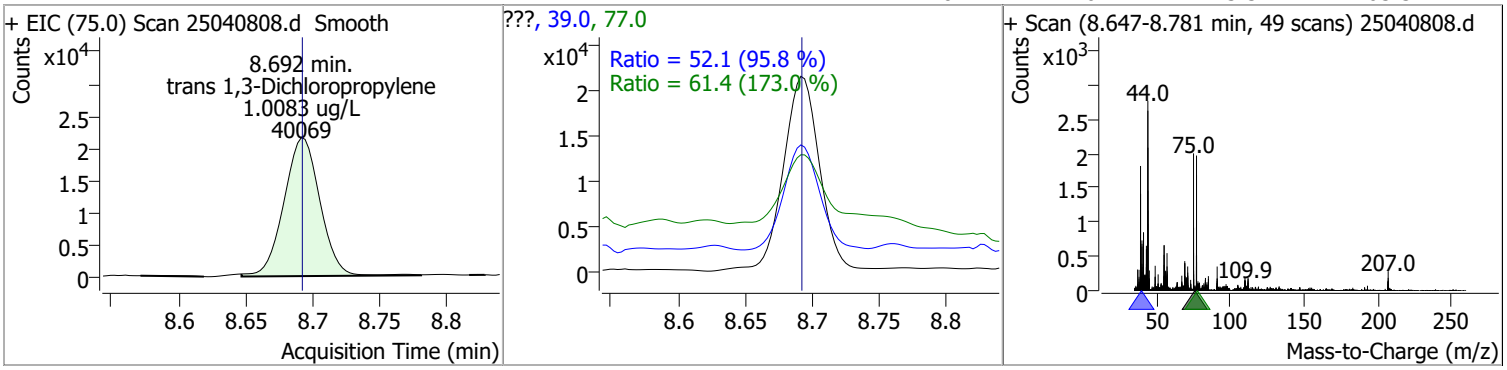
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	9.7124	8.34	0.00	155343	58.0	35.5	6.2	66.2
					41.0	23.9	0.0	54.5



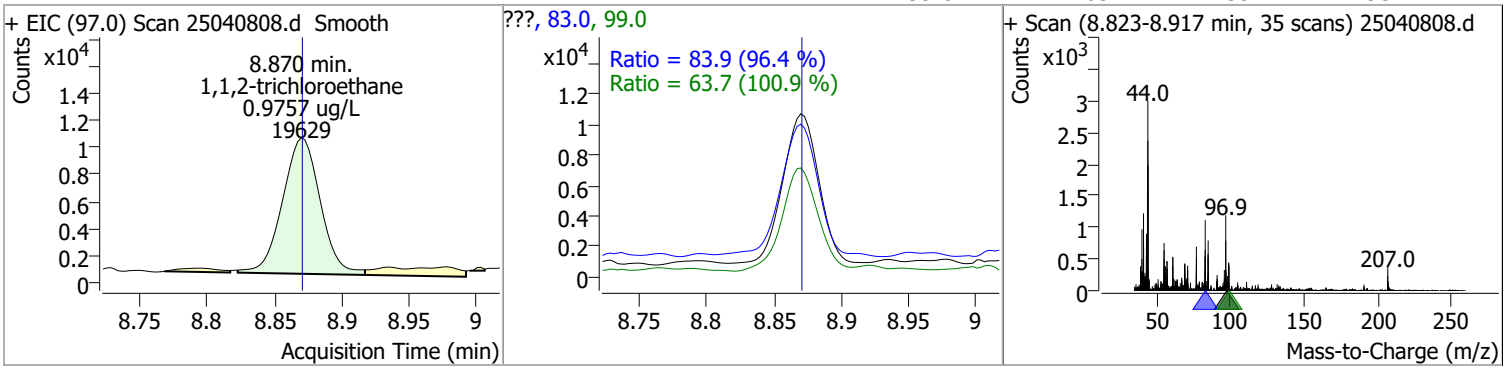
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.0111	8.47	0.00	138504	92.0	57.1	26.5	86.5



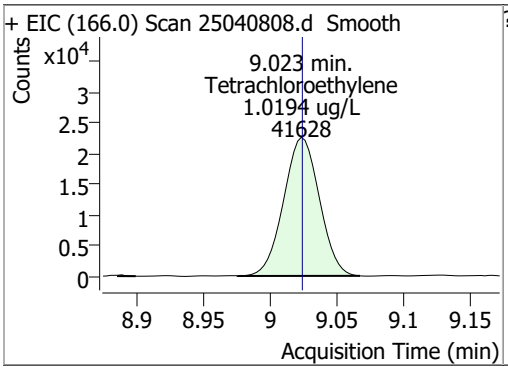
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	1.0083	8.69	0.00	40069	39.0	52.1	24.3	84.3
					77.0	61.4	5.5	65.5

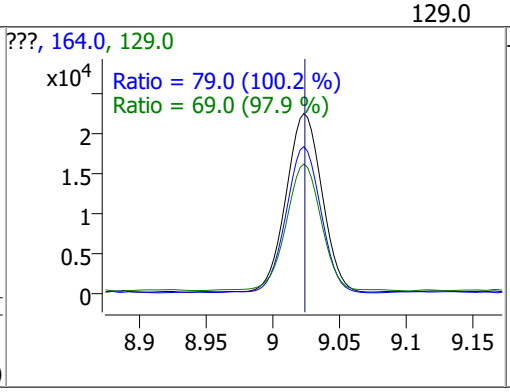


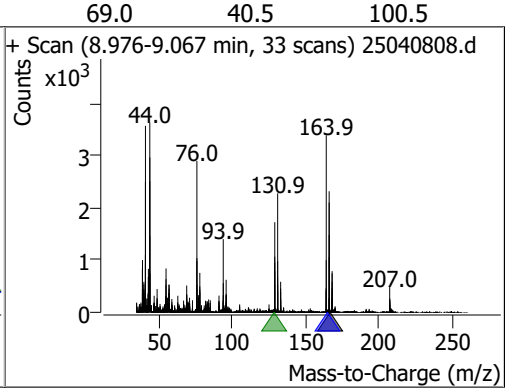
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	0.9757	8.87	0.00	19629	83.0	83.9	57.0	117.0
					99.0	63.7	33.1	93.1



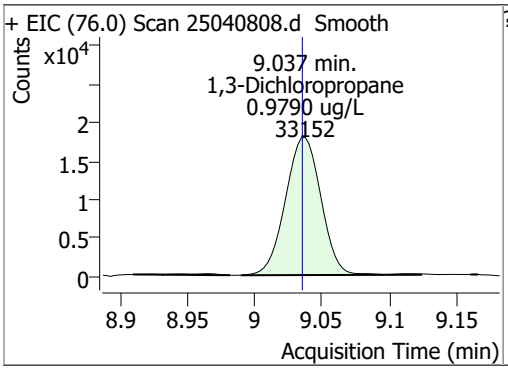
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	1.0194	9.02	0.00	41628	164.0	79.0	48.9	108.9
					129.0	69.0	40.5	100.5

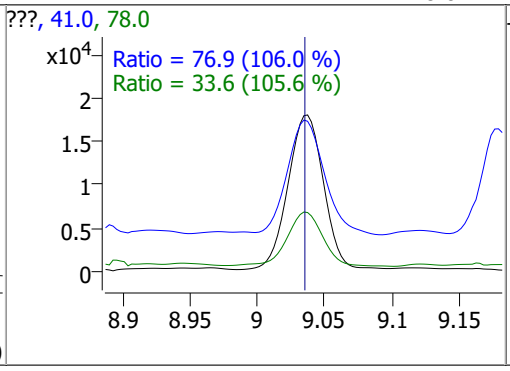


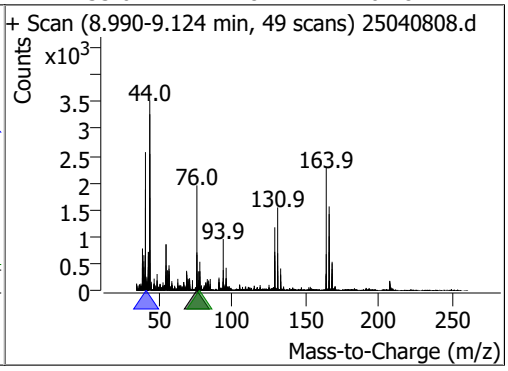




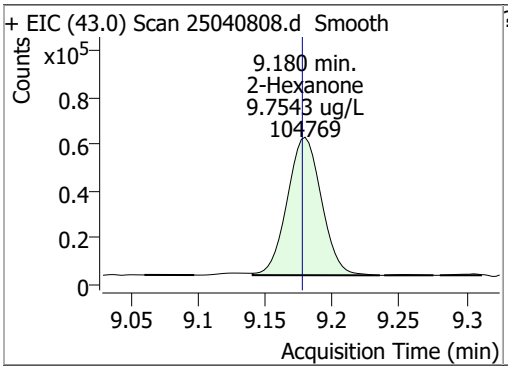
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	0.9790	9.04	0.00	33152	41.0	76.9	42.5	102.5
					78.0	33.6	1.8	61.8

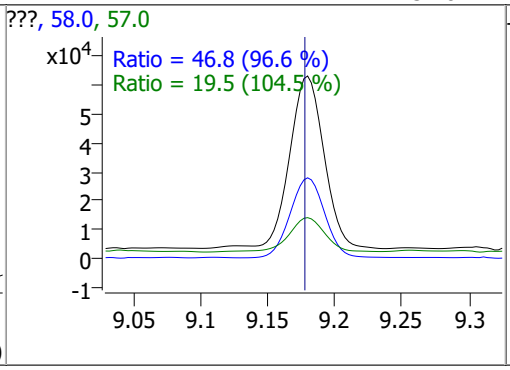


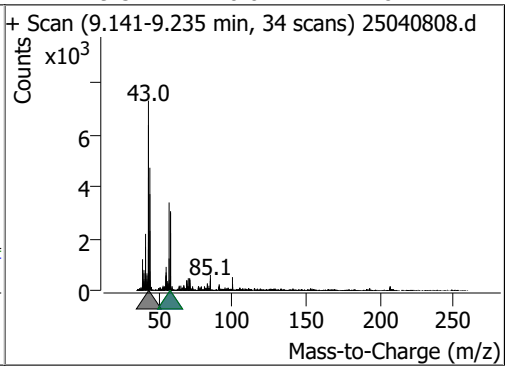




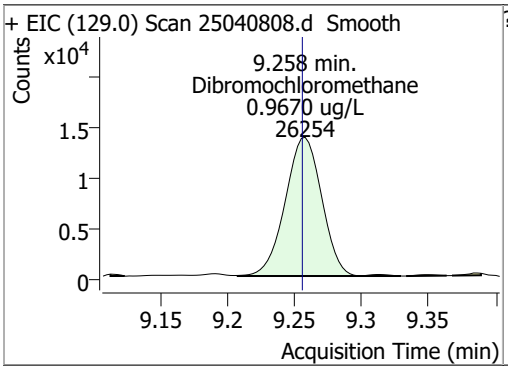
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	9.7543	9.18	0.00	104769	58.0	46.8	18.4	78.4
					57.0	19.5	0.0	48.7

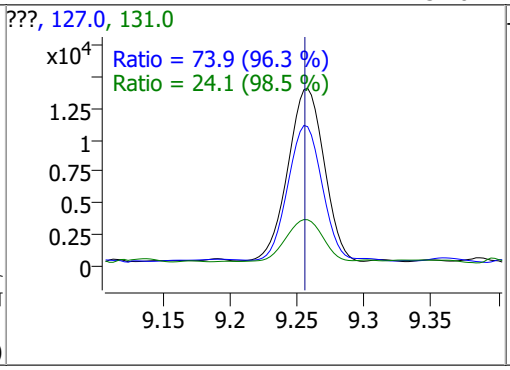


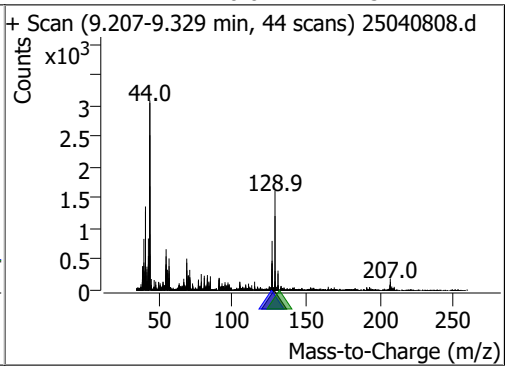




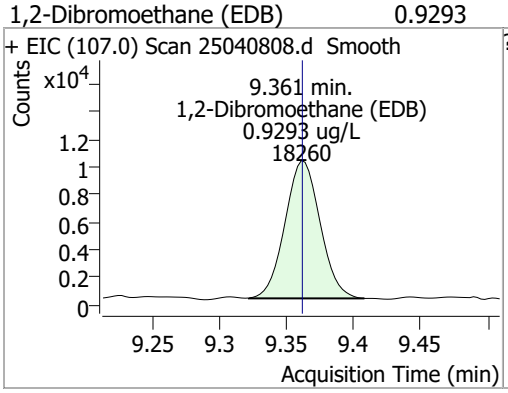
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	0.9670	9.26	0.00	26254	127.0	73.9	46.7	106.7
					131.0	24.1	0.0	54.4

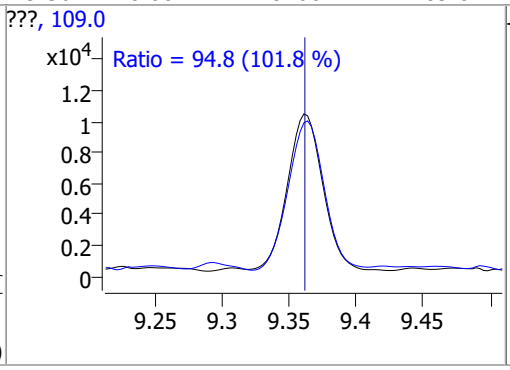


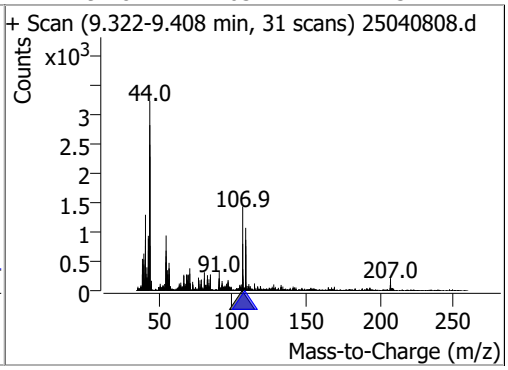




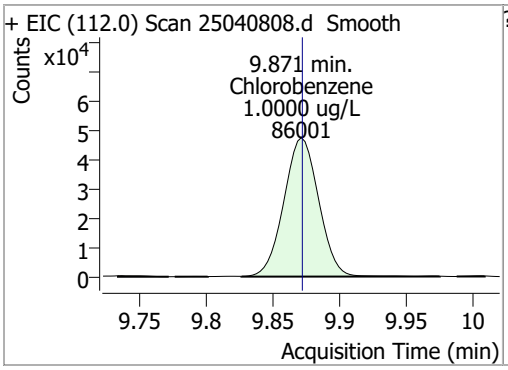
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	0.9293	9.36	0.00	18260	109.0	94.8	63.1	123.1

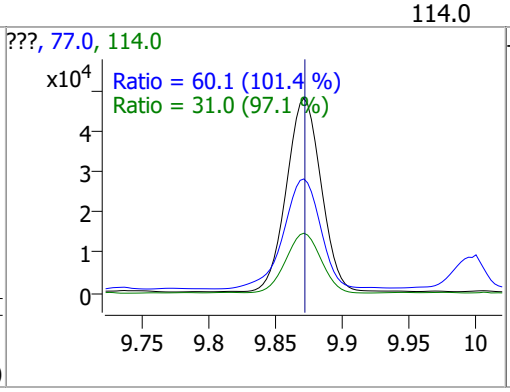


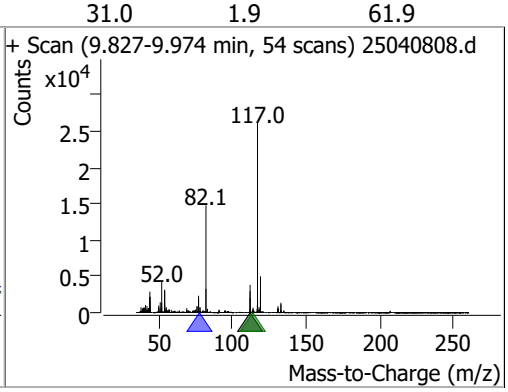




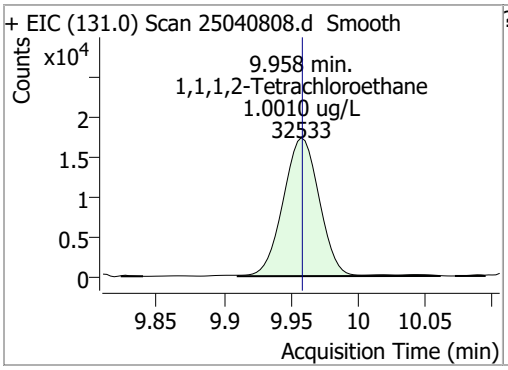
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	1.0000	9.87	0.00	86001	77.0	60.1	29.3	89.3
					114.0	31.0	1.9	61.9

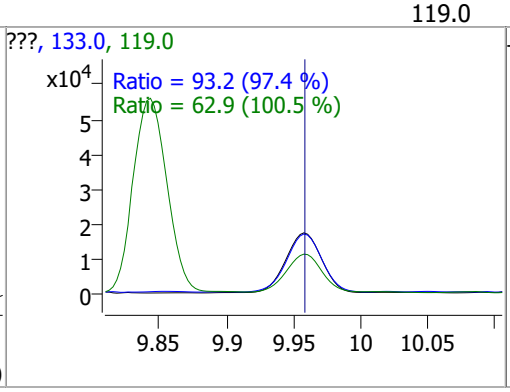


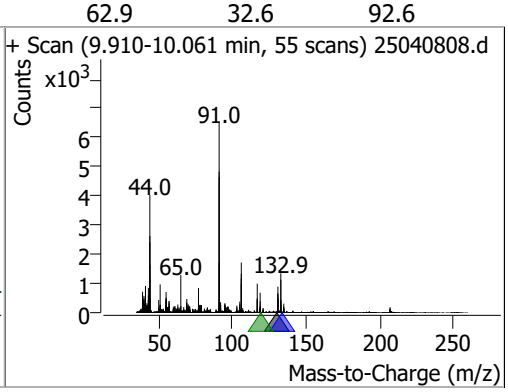




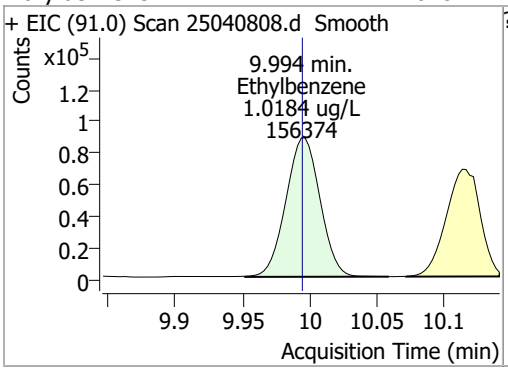
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	1.0010	9.96	0.00	32533	133.0	93.2	65.7	125.7
					119.0	62.9	32.6	92.6

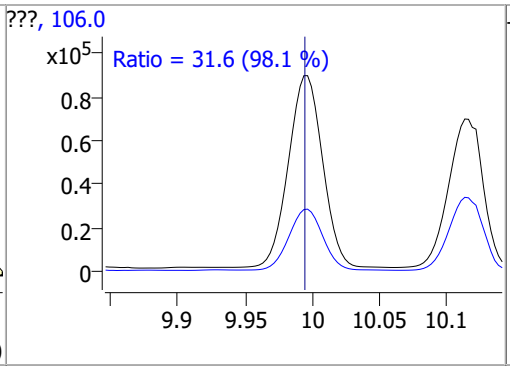


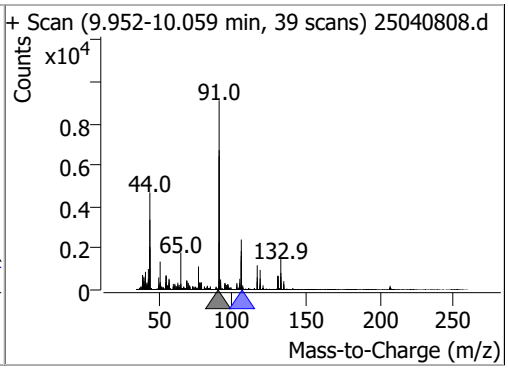




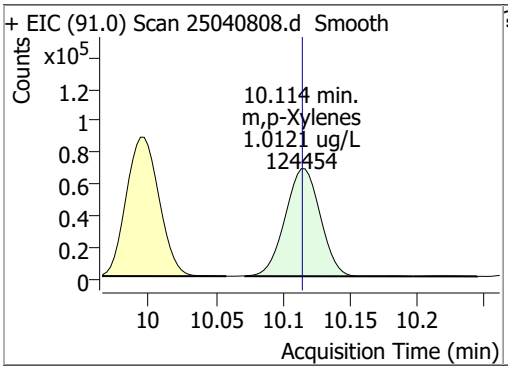
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	1.0184	9.99	0.00	156374	106.0	31.6	2.2	62.2

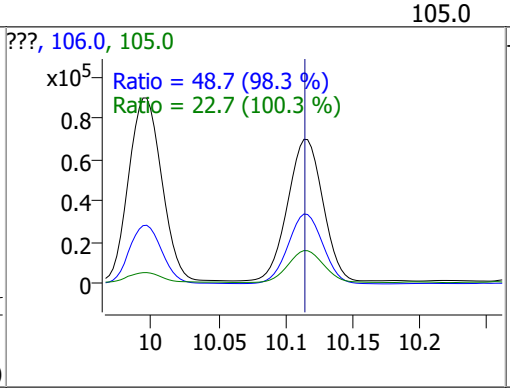


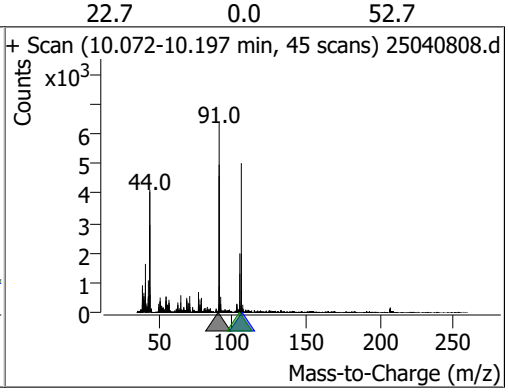




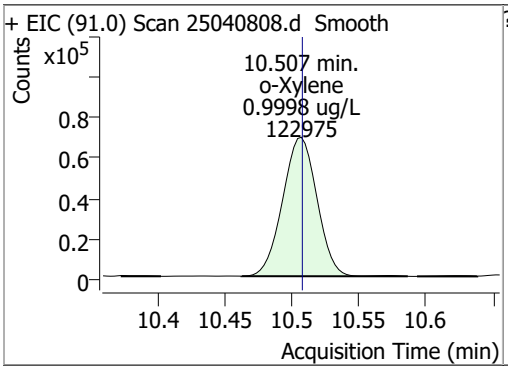
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	1.0121	10.11	0.00	124454	106.0	48.7	19.6	79.6
					105.0	22.7	0.0	52.7

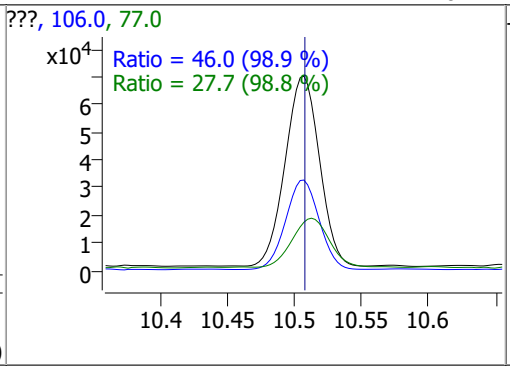


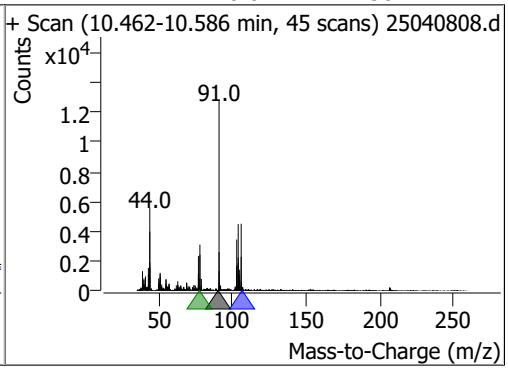




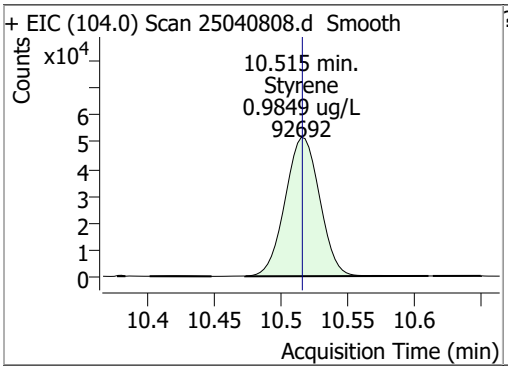
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	0.9998	10.51	0.00	122975	106.0	46.0	16.5	76.5
					77.0	27.7	0.0	58.1

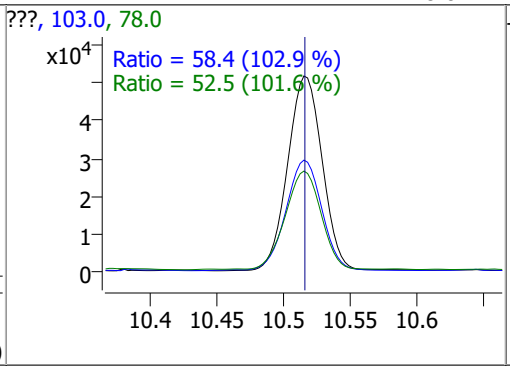


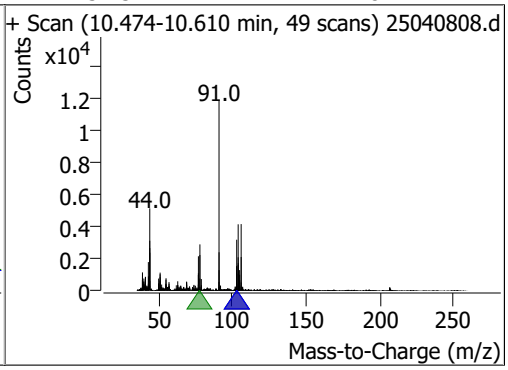




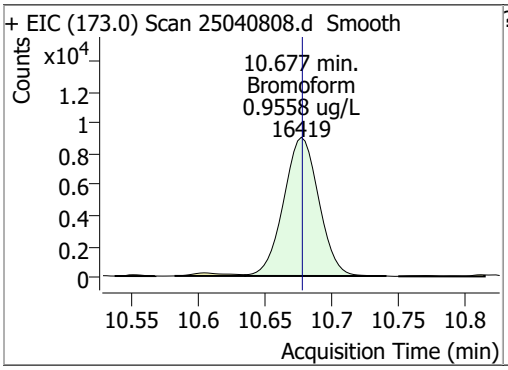
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	0.9849	10.52	0.00	92692	103.0	58.4	26.7	86.7
					78.0	52.5	21.7	81.7

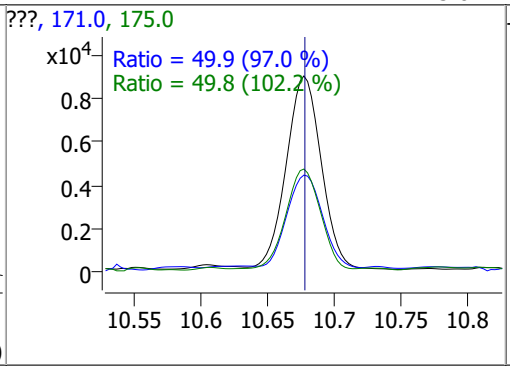


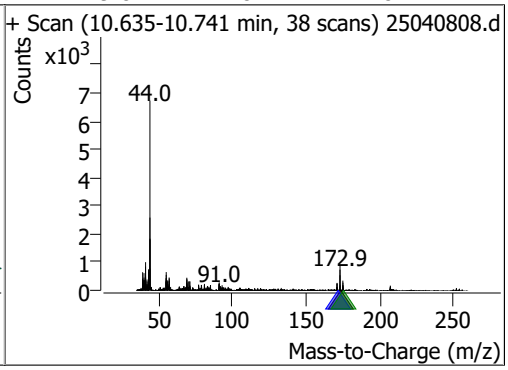




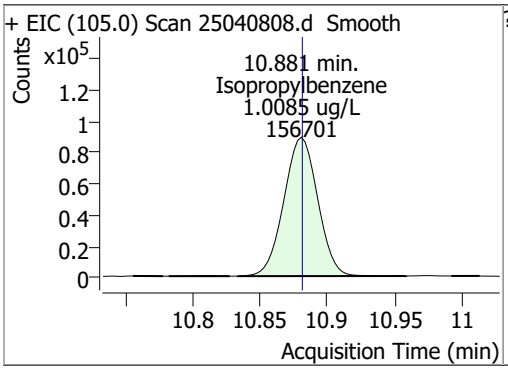
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	0.9558	10.68	0.00	16419	171.0	49.9	21.4	81.4
					175.0	49.8	18.7	78.7

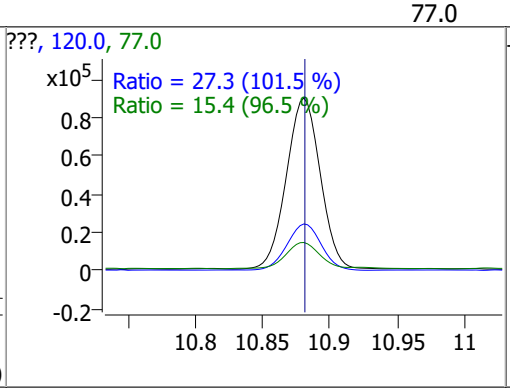


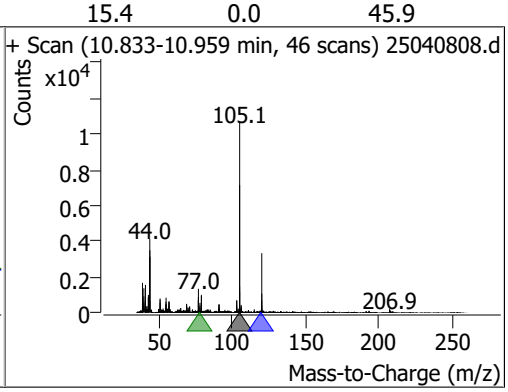




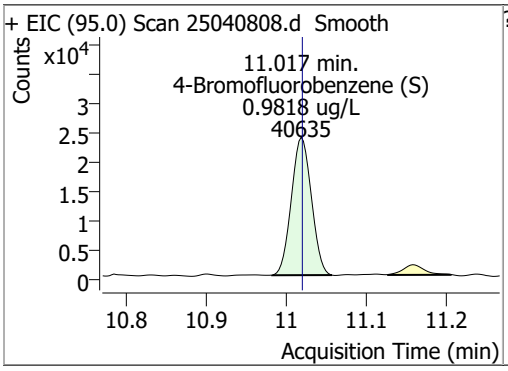
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	1.0085	10.88	0.00	156701	120.0	27.3	0.0	56.9
					77.0	15.4	0.0	45.9

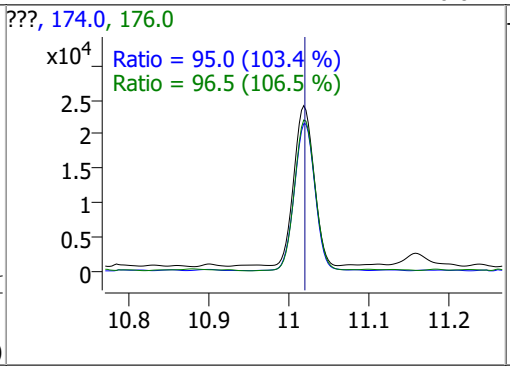


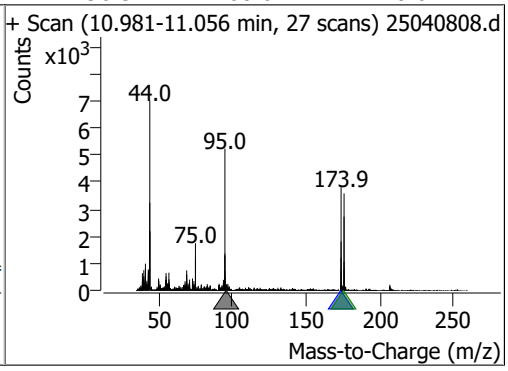




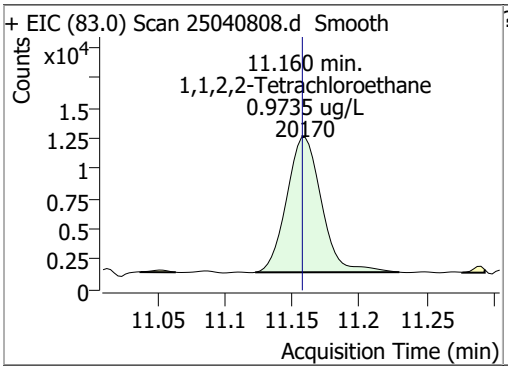
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	0.9818	11.02	0.00	40635	174.0	95.0	61.9	121.9
					176.0	96.5	60.6	120.6

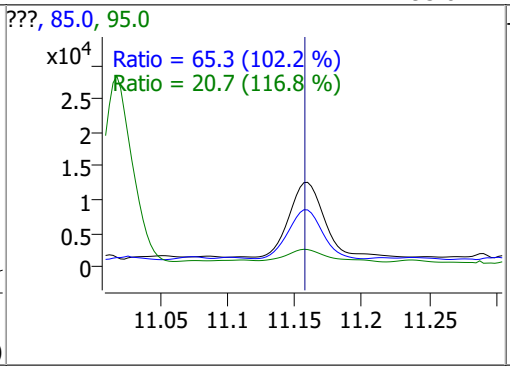


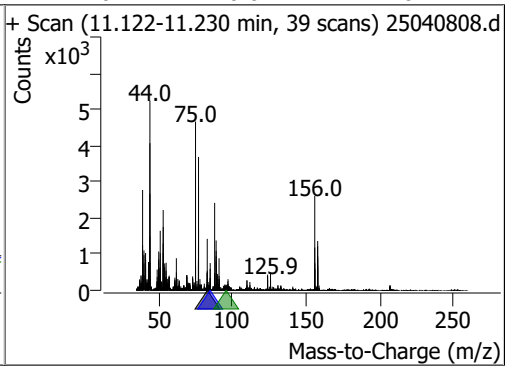




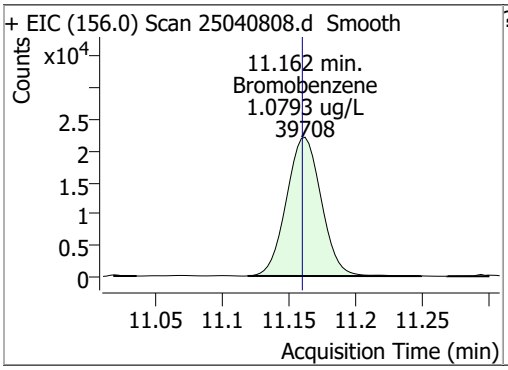
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	0.9735	11.16	0.00	20170	85.0	65.3	33.9	93.9
					95.0	20.7	0.0	47.8

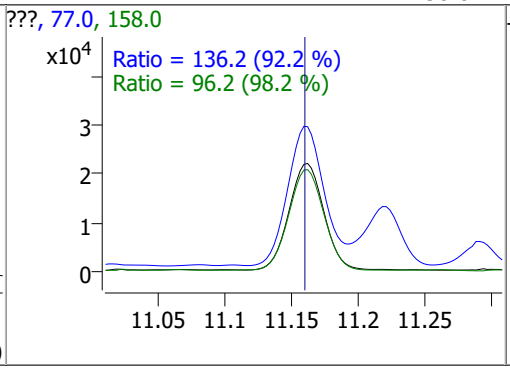


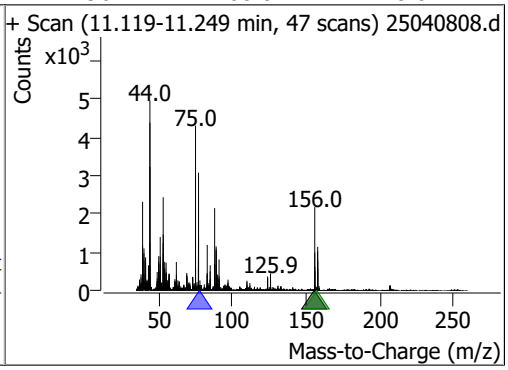




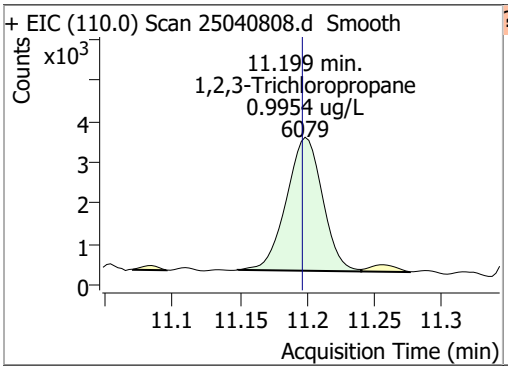
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	1.0793	11.16	0.00	39708	77.0	136.2	117.8	177.8
					158.0	96.2	68.0	128.0

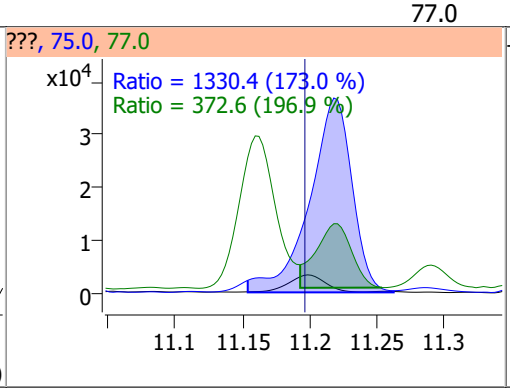


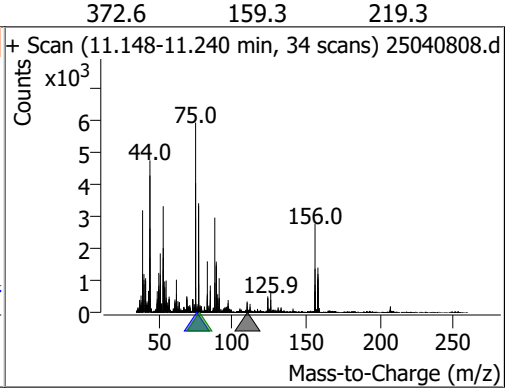




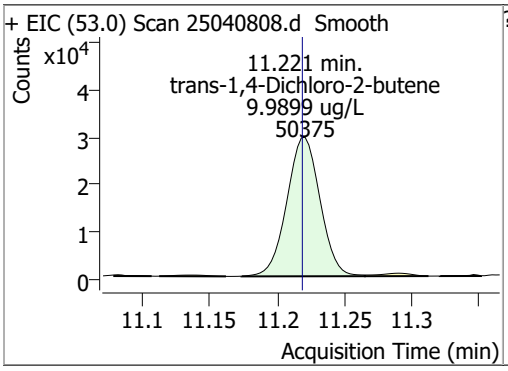
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	0.9954	11.20	0.00	6079	75.0	1330.4	738.8	798.8
					77.0	372.6	159.3	219.3

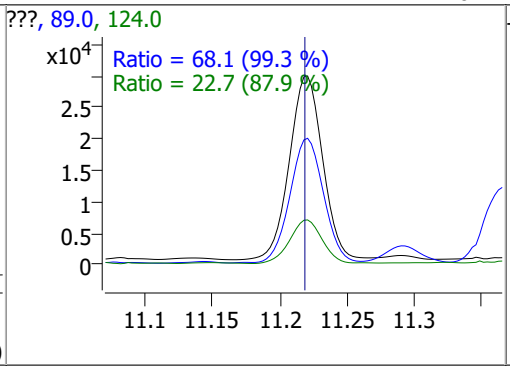


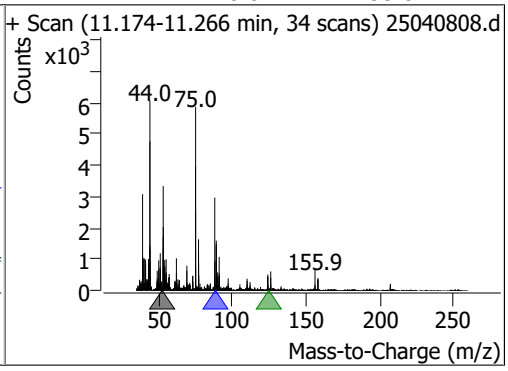




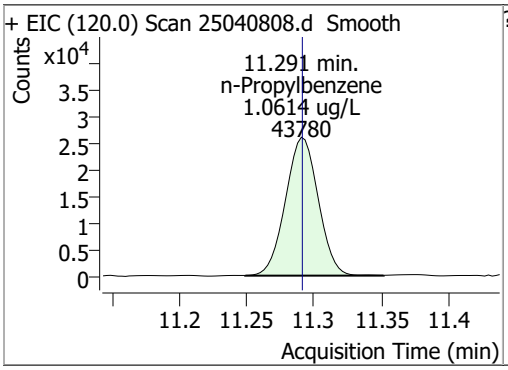
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	9.9899	11.22	0.00	50375	89.0	68.1	38.6	98.6
					124.0	22.7	0.0	55.8

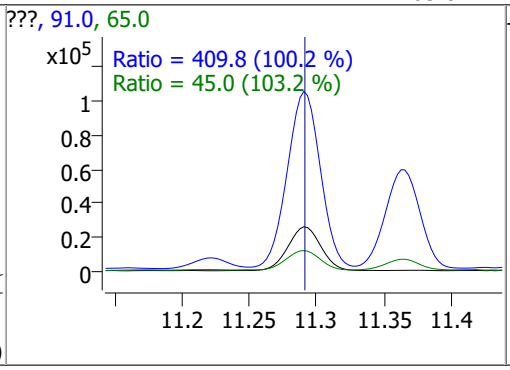


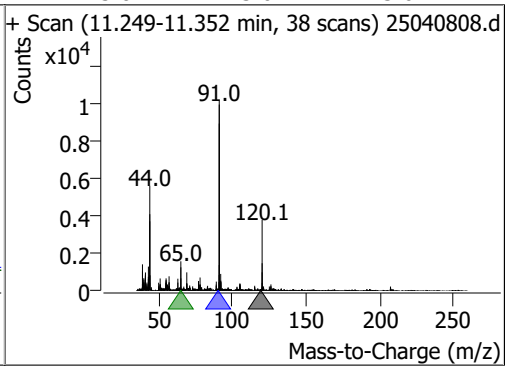




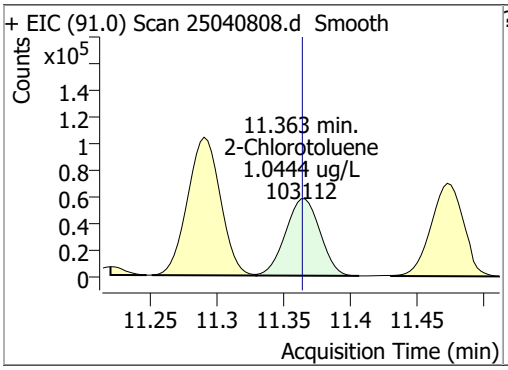
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	1.0614	11.29	0.00	43780	91.0	409.8	378.8	438.8
					65.0	45.0	13.6	73.6

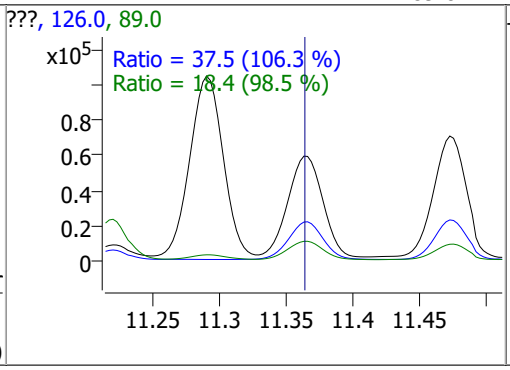


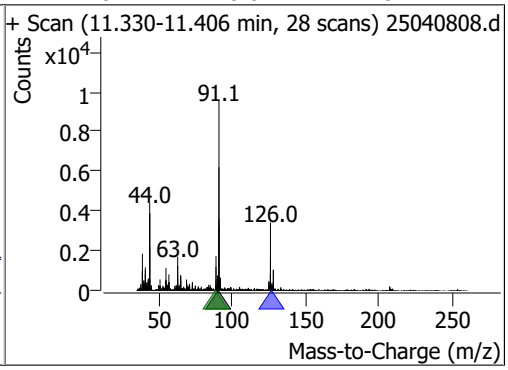




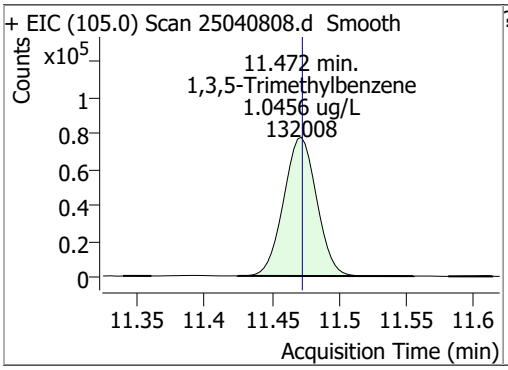
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	1.0444	11.36	0.00	103112	126.0	37.5	5.2	65.2
					89.0	18.4	0.0	48.7

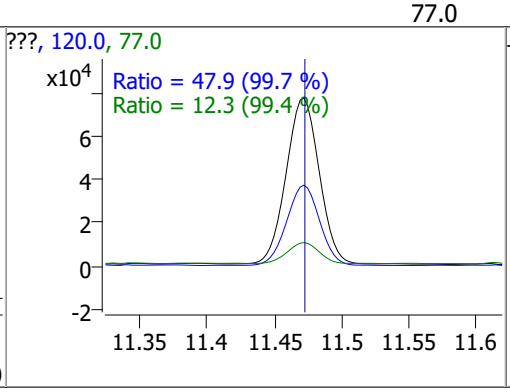


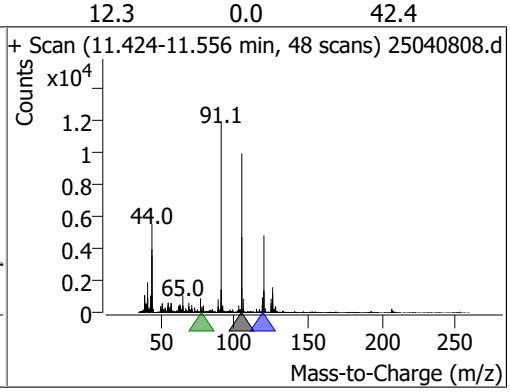




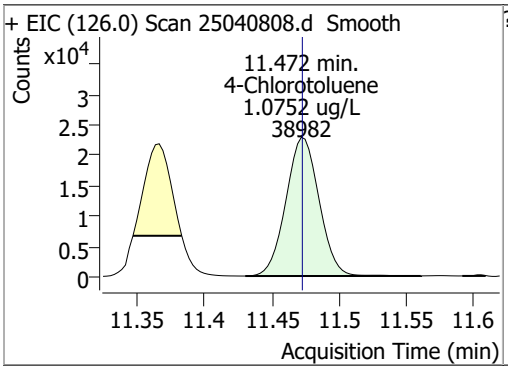
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	1.0456	11.47	0.00	132008	120.0	47.9	18.1	78.1
					77.0	12.3	0.0	42.4

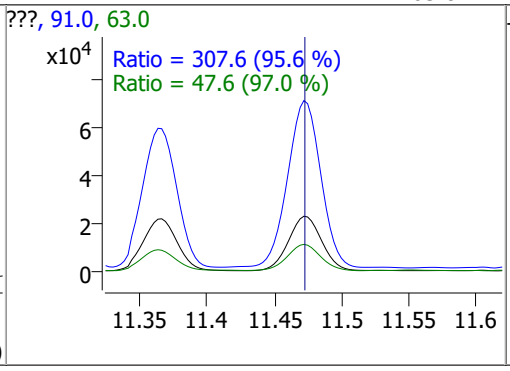


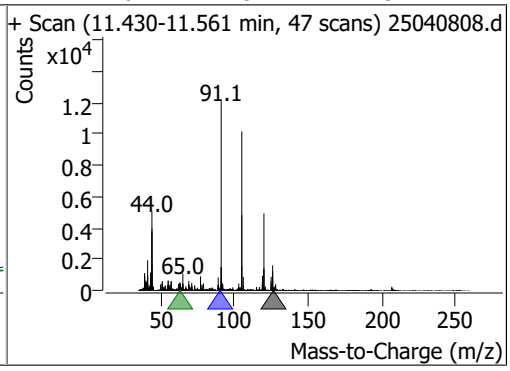




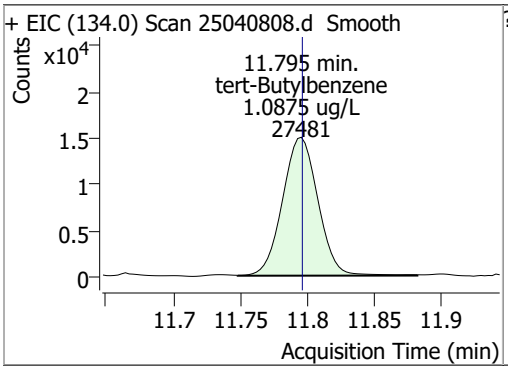
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	1.0752	11.47	0.00	38982	91.0	307.6	291.7	351.7
					63.0	47.6	19.1	79.1

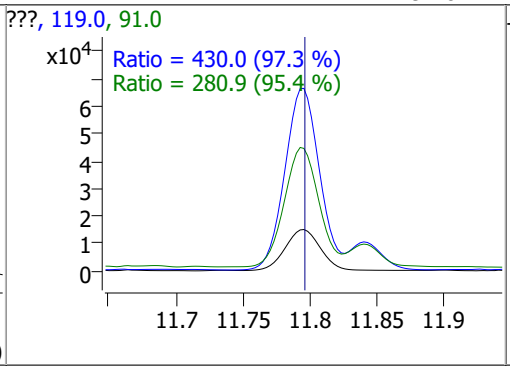


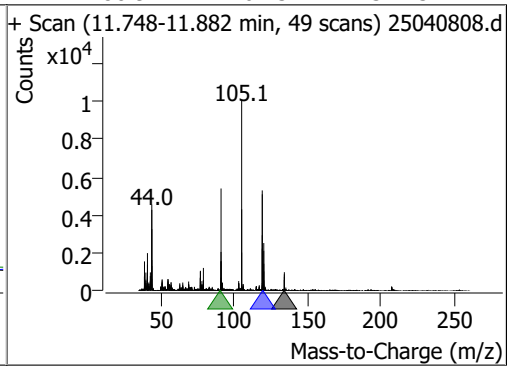




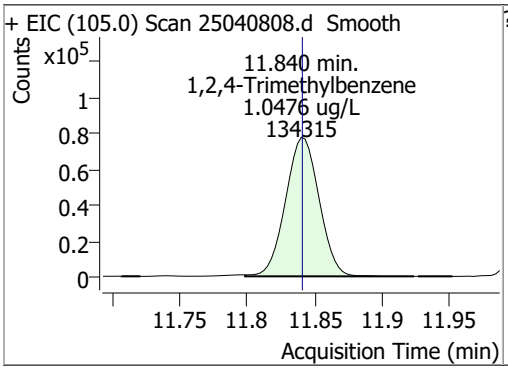
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	1.0875	11.80	0.00	27481	119.0	430.0	411.8	471.8
					91.0	280.9	264.5	324.5

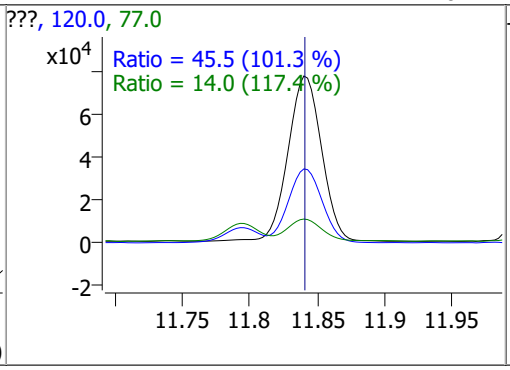


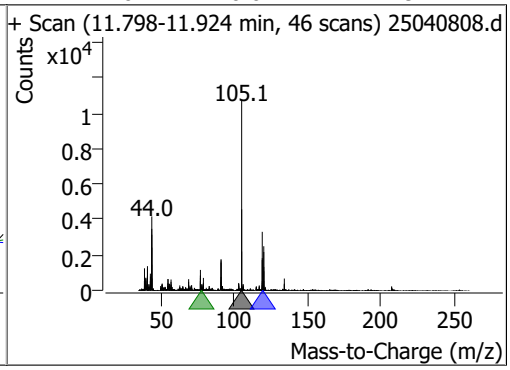




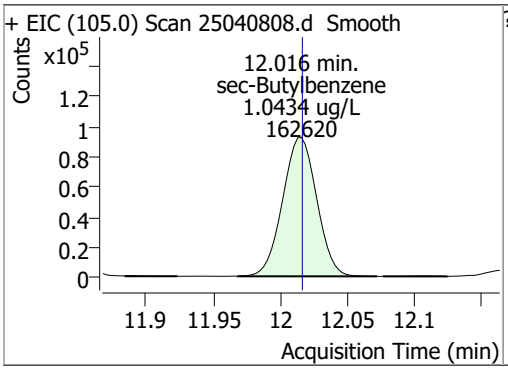
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	1.0476	11.84	0.00	134315	120.0	45.5	15.0	75.0
					77.0	14.0	0.0	41.9

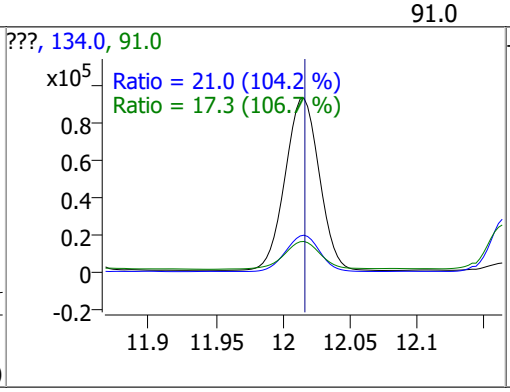


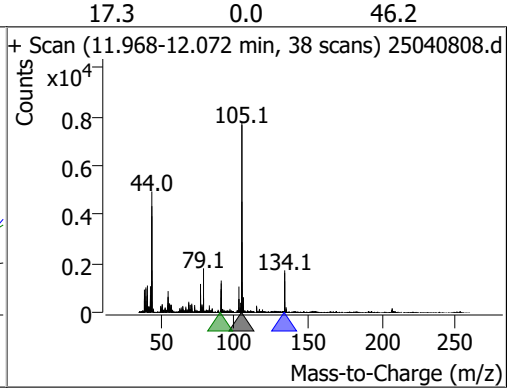




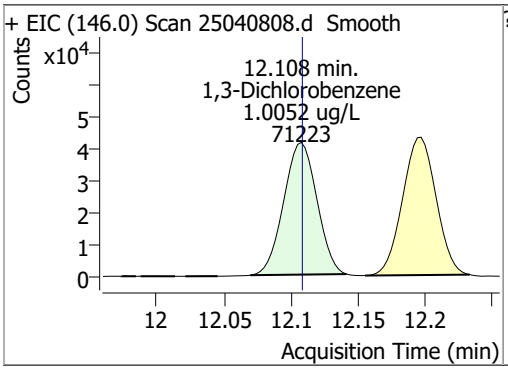
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	1.0434	12.02	0.00	162620	134.0	21.0	0.0	50.2
					91.0	17.3	0.0	46.2

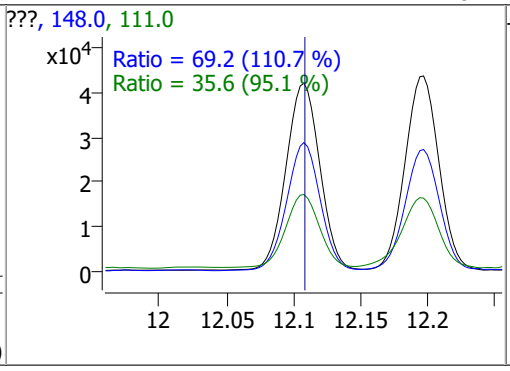


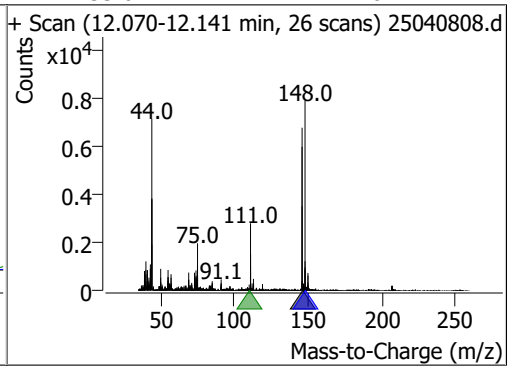




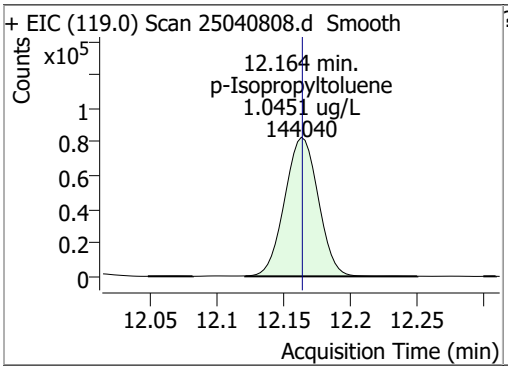
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	1.0052	12.11	0.00	71223	148.0	69.2	32.5	92.5
					111.0	35.6	7.4	67.4

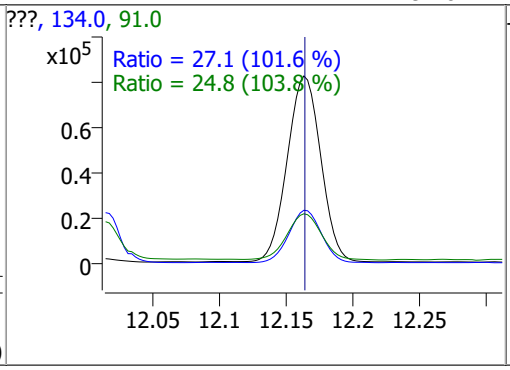


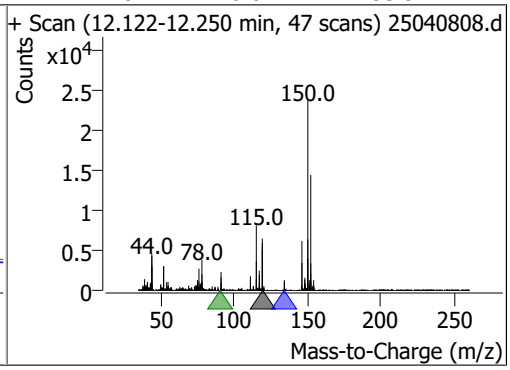




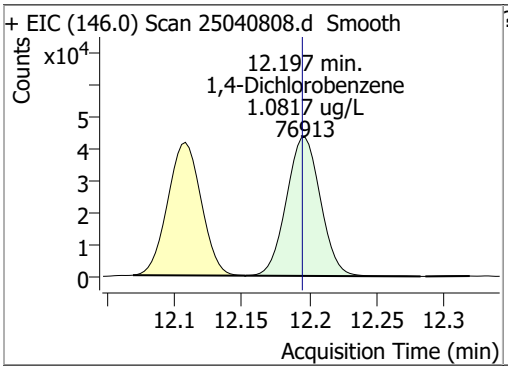
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	1.0451	12.16	0.00	144040	134.0	27.1	0.0	56.7
					91.0	24.8	0.0	53.9

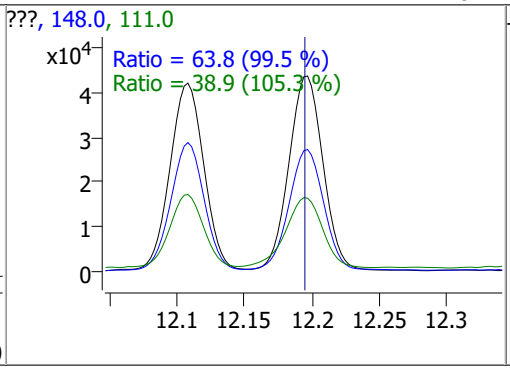


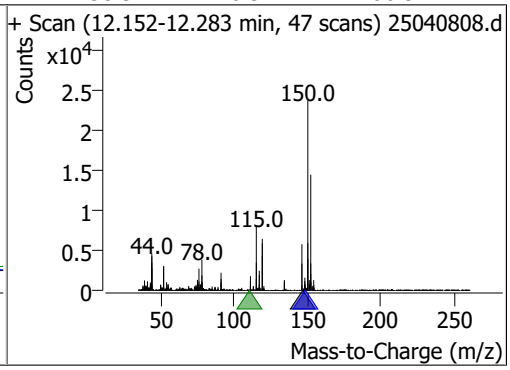




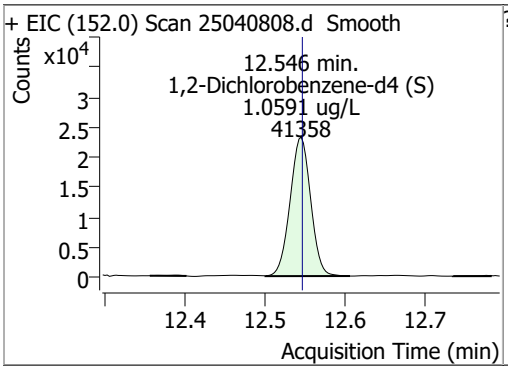
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	1.0817	12.20	0.00	76913	148.0	63.8	34.1	94.1
					111.0	38.9	6.9	66.9

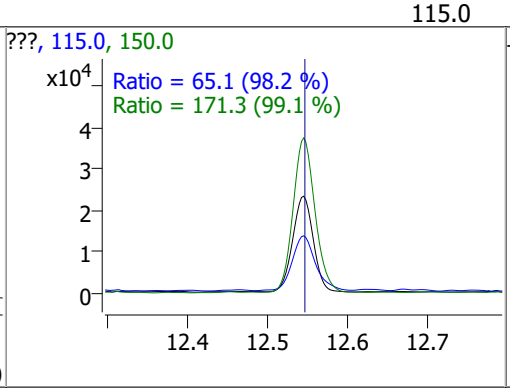


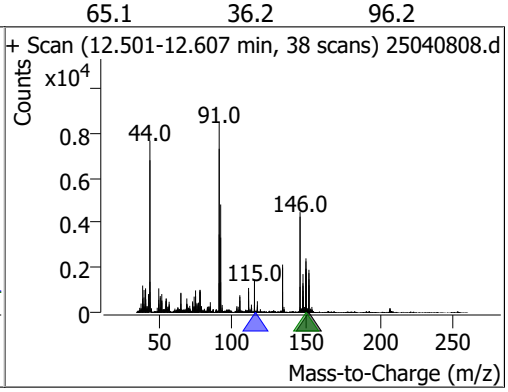




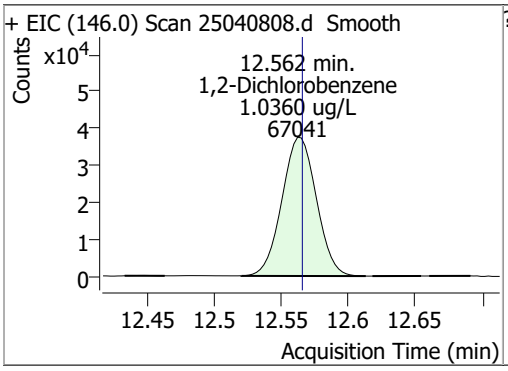
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	1.0591	12.55	0.00	41358	150.0	171.3	142.9	202.9
					115.0	65.1	36.2	96.2

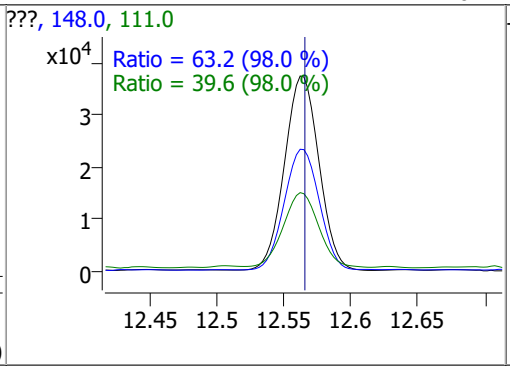


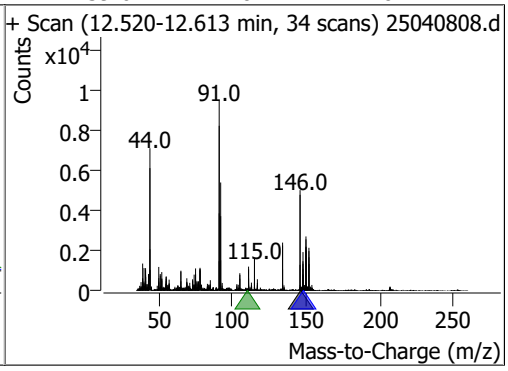




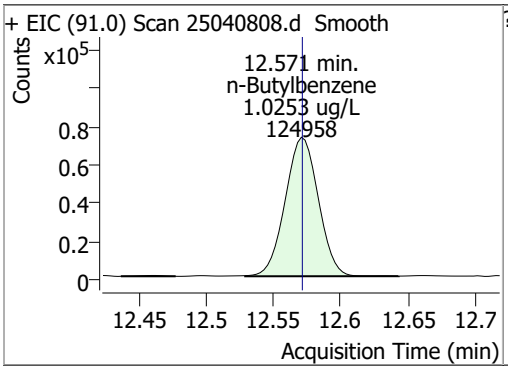
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	1.0360	12.56	0.00	67041	148.0	63.2	34.5	94.5
					111.0	39.6	10.4	70.4

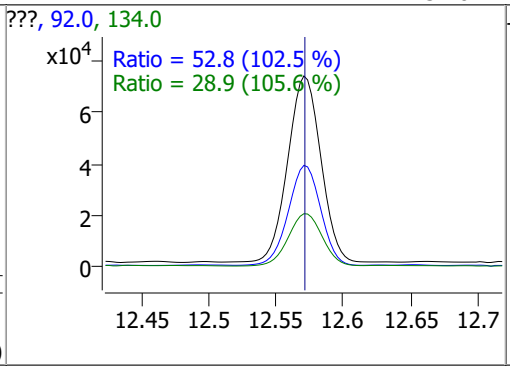


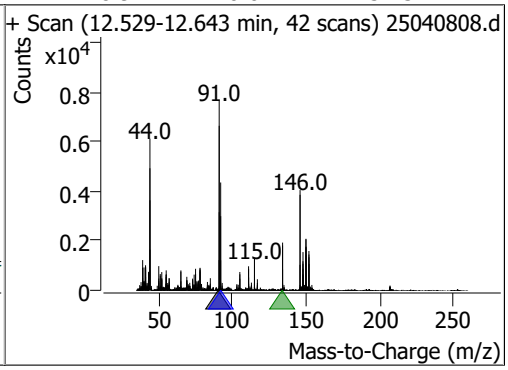




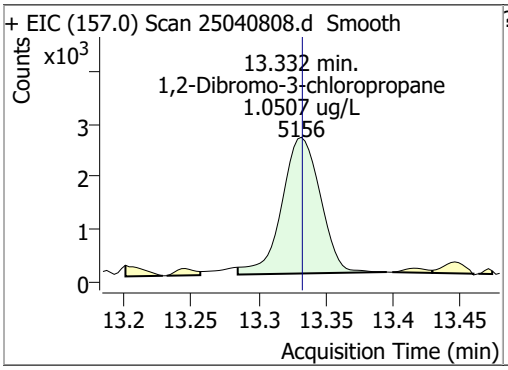
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	1.0253	12.57	0.00	124958	92.0	52.8	21.5	81.5
					134.0	28.9	0.0	57.3

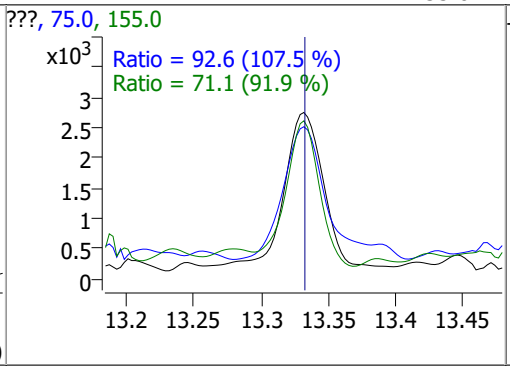


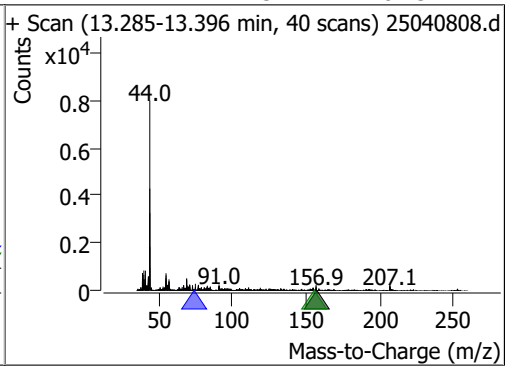




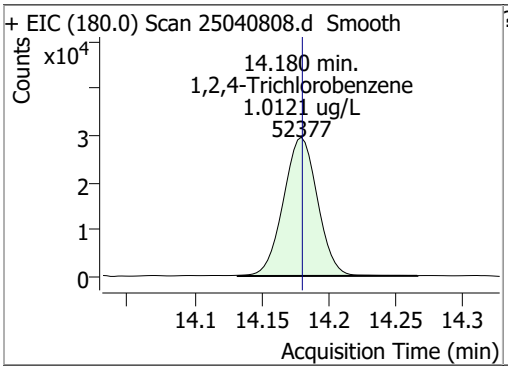
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	1.0507	13.33	0.00	5156	75.0	92.6	56.2	116.2
					155.0	71.1	47.3	107.3

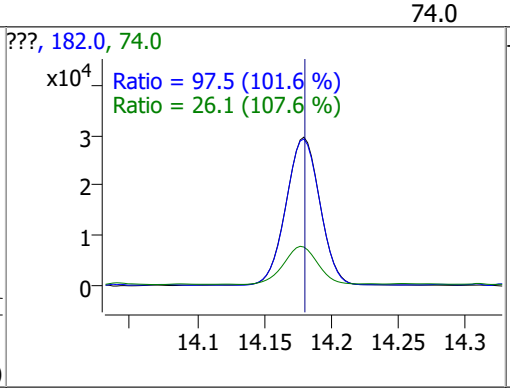


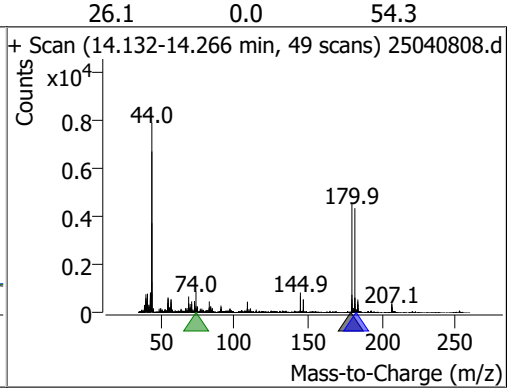




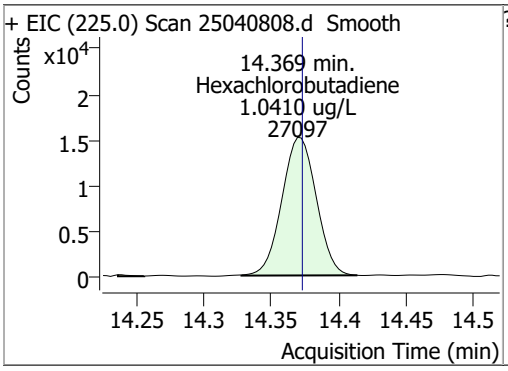
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	1.0121	14.18	0.00	52377	182.0	97.5	66.0	126.0
					74.0	26.1	0.0	54.3

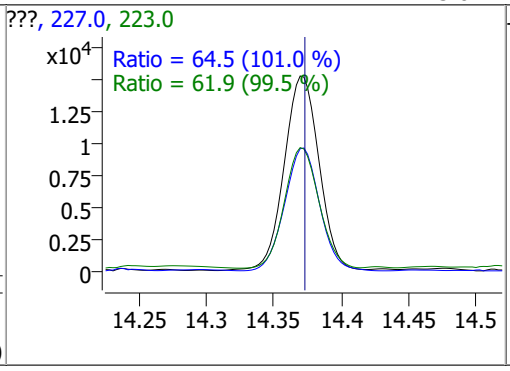


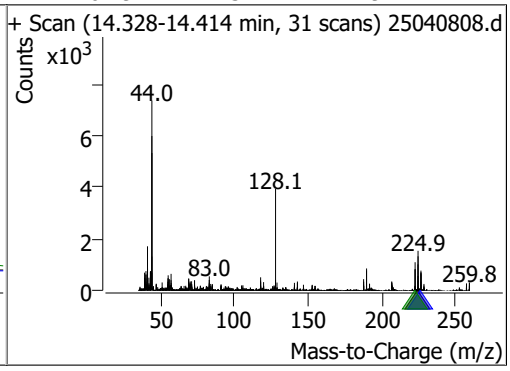




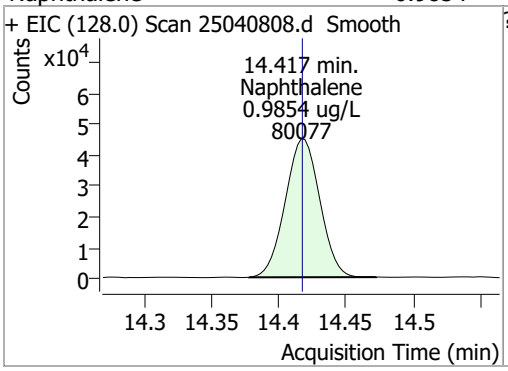
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	1.0410	14.37	0.00	27097	227.0	64.5	33.9	93.9
					223.0	61.9	32.2	92.2

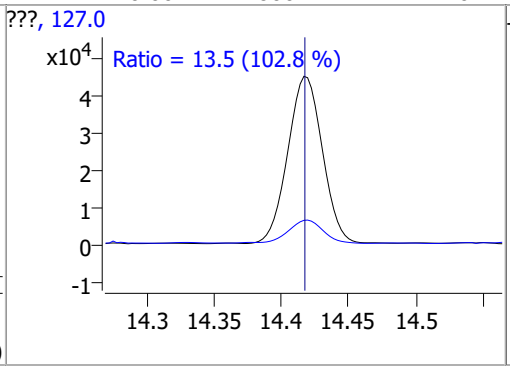


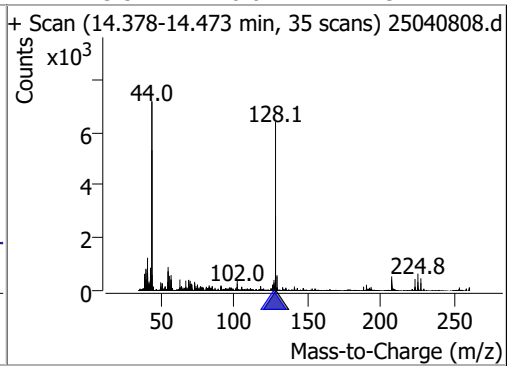




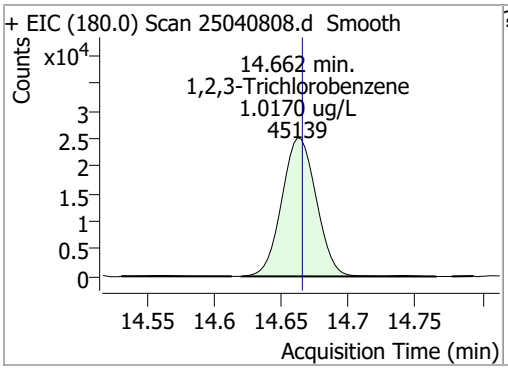
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	0.9854	14.42	0.00	80077	127.0	13.5	0.0	43.1

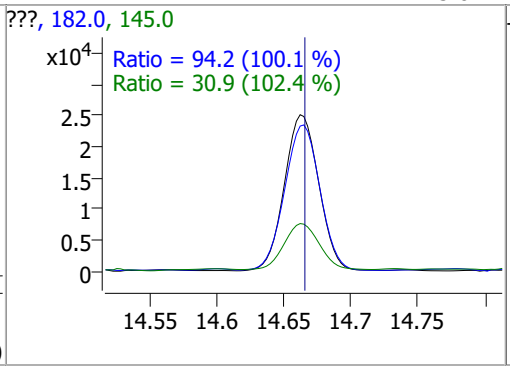


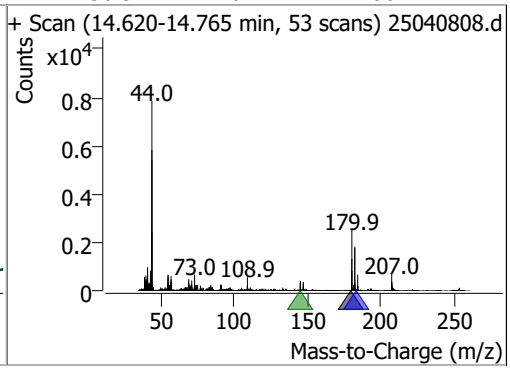




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	1.0170	14.66	0.00	45139	182.0	94.2	64.1	124.1
					145.0	30.9	0.2	60.2







Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

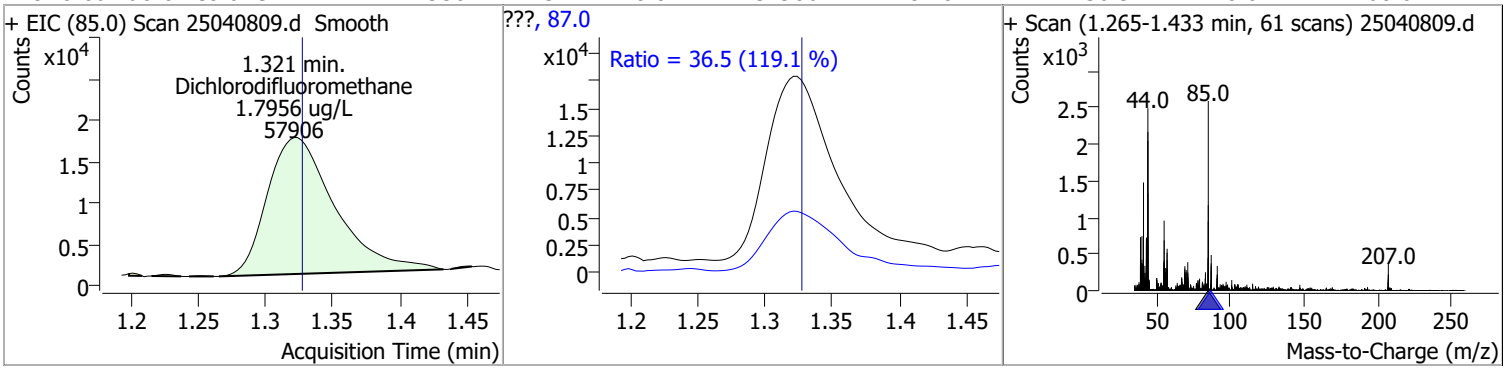
Data File	25040809.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 9:02:27 PM
Sample Name	CAL 2 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.703		404441	4.0000	ug/L		-0.003
38) Chlorobenzene-d5	9.843		307012	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		170142	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.031		134381	1.9259	ug/L		-0.003
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.302		55748	2.0362	ug/L		-0.003
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		80155	1.9881	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.545		80044	2.0965	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.321		57906	1.7956	ug/L		89
3) Chloromethane	1.491		70170	2.0611	ug/L		98
4) Vinyl Chloride	1.594		66722	1.9774	ug/L		98
5) Bromomethane	1.898		45074	2.0470	ug/L		97
6) Chloroethane	1.976		35882	1.9882	ug/L		95
7) Trichlorofluoromethane	2.269		54792	1.5428	ug/L	#	45
9) 1,1-Dichloroethylene	2.788		81113	1.9663	ug/L		98
10) Acetone	2.911		22962	20.8213	ug/L	#	71
11) Iodomethane	2.947		1003244	20.1229	ug/L		99
12) Carbon Disulfide	3.025		1702739	20.3551	ug/L		100
13) Dichloromethane	3.413		66795	2.0328	ug/L		98
15) trans 1,2-Dichloroethylene	3.831		82234	2.0059	ug/L		98
16) MTBE	3.970		111989	2.0329	ug/L		99
17) 1,1-Dichloroethane	4.478		98121	1.9924	ug/L		99
18) 2,2-Dichloropropane	5.303		94592	1.9844	ug/L		96
19) cis 1,2-Dichloroethylene	5.300		64765	2.0705	ug/L		98
20) 2-Butanone (MEK)	5.423		31836	20.9115	ug/L		97
21) Bromochloromethane	5.593		43649	2.0244	ug/L		99
22) Chloroform	5.730		103967	2.0037	ug/L		99
24) 1,1,1-Trichloroethane	5.939		98752	1.9383	ug/L		100
25) 1,1-Dichloropropylene	6.137		80172	1.9541	ug/L		98
26) Carbon Tetrachloride	6.137		93403	1.9447	ug/L		98
28) Benzene	6.369		231857	2.0015	ug/L		98
29) 1,2-Dichloroethane	6.391		69452	2.0235	ug/L		99
30) Trichloroethylene	7.113		70037	2.0105	ug/L		96
31) 1,2-Dichloropropane	7.342		59939	2.0217	ug/L		98
32) Dibromomethane	7.459		34992	2.0746	ug/L		98
33) Methyl Methacrylate	7.551		335621	20.2506	ug/L		99
34) Bromodichloromethane	7.643		76305	2.0343	ug/L		98
36) cis 1,3-Dichloropropylene	8.123		91355	2.0309	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.337		314085	20.6115	ug/L		99

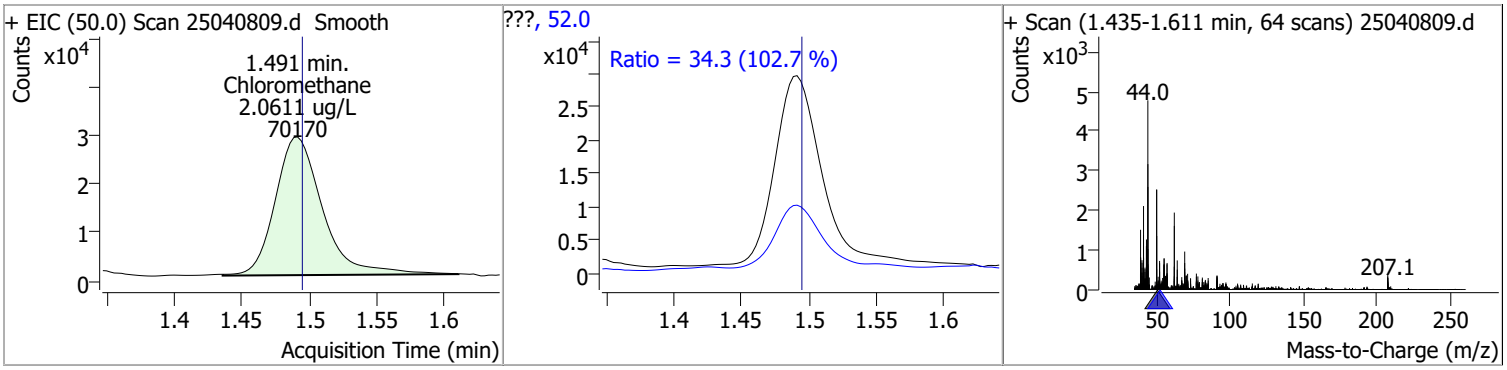
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.463		263870	1.9776	ug/L		100
40) trans 1,3-Dichloropropylene	8.692		76120	1.9664	ug/L		90
41) 1,1,2-trichloroethane	8.867		38179	1.9483	ug/L		97
42) Tetrachloroethylene	9.023		79047	1.9873	ug/L		98
43) 1,3-Dichloropropane	9.035		64935	1.9687	ug/L		98
44) 2-Hexanone	9.177		213449	20.4017	ug/L		98
45) Dibromochloromethane	9.255		54870	2.0747	ug/L		98
46) 1,2-Dibromoethane (EDB)	9.361		37549	1.9619	ug/L		98
47) Chlorobenzene	9.871		164078	1.9587	ug/L		98
48) 1,1,1,2-Tetrachloroethane	9.958		63497	2.0058	ug/L		99
49) Ethylbenzene	9.994		295752	1.9774	ug/L		100
50) m,p-Xylenes	10.114		236412	1.9737	ug/L		97
51) o-Xylene	10.504		238669	1.9921	ug/L		100
52) Styrene	10.515		178491	1.9471	ug/L		98
53) Bromoform	10.677		32735	1.9565	ug/L		98
54) Isopropylbenzene	10.881		298970	1.9753	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.160		42712	2.1085	ug/L		95
57) Bromobenzene	11.160		75706	2.1046	ug/L		96
59) 1,2,3-Trichloropropane	11.196		12590	2.1084	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.218		106609	21.6236	ug/L		97
61) n-Propylbenzene	11.291		83721	2.0759	ug/L		97
62) 2-Chlorotoluene	11.363		200460	2.0767	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472		256366	2.0768	ug/L		99
64) 4-Chlorotoluene	11.472		74616	2.1050	ug/L		100
65) tert-Butylbenzene	11.793		49406	1.9998	ug/L		98
66) 1,2,4-Trimethylbenzene	11.840		261386	2.0852	ug/L		100
67) sec-Butylbenzene	12.016		312882	2.0533	ug/L		100
68) 1,3-Dichlorobenzene	12.108		145693	2.1030	ug/L		98
69) p-Isopropyltoluene	12.163		277924	2.0625	ug/L		98
70) 1,4-Dichlorobenzene	12.194		146492	2.1072	ug/L		99
73) 1,2-Dichlorobenzene	12.565		135274	2.1381	ug/L		97
71) n-Butylbenzene	12.571		242512	2.0352	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		10103	2.1057	ug/L		98
75) 1,2,4-Trichlorobenzene	14.180		105255	2.0803	ug/L		100
76) Hexachlorobutadiene	14.372		50858	1.9983	ug/L		99
77) Naphthalene	14.417		170668	2.1480	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662		89353	2.0591	ug/L		95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

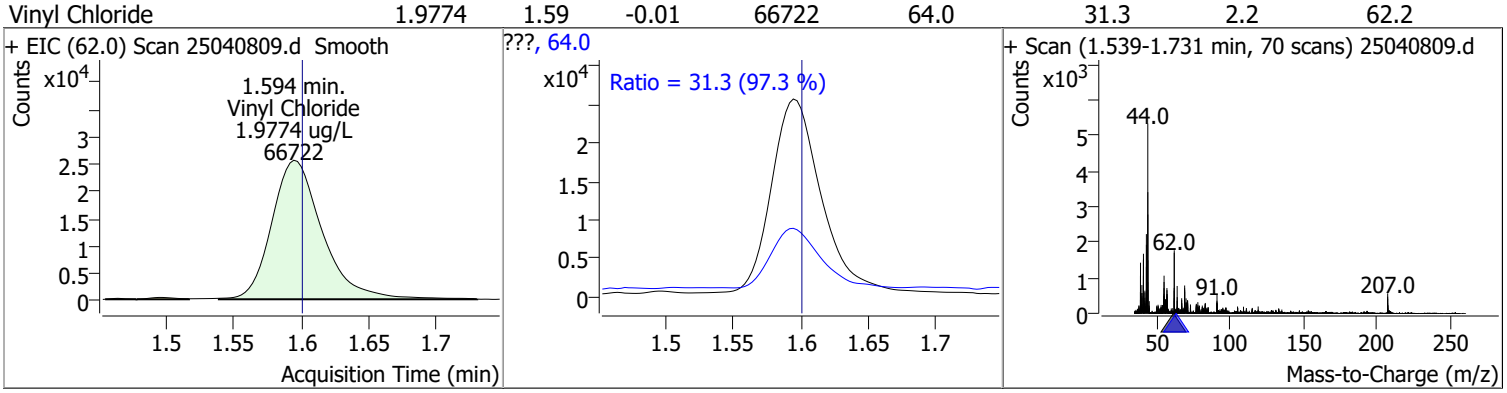
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	1.7956	1.32	-0.01	57906	87.0	36.5	0.6	60.6



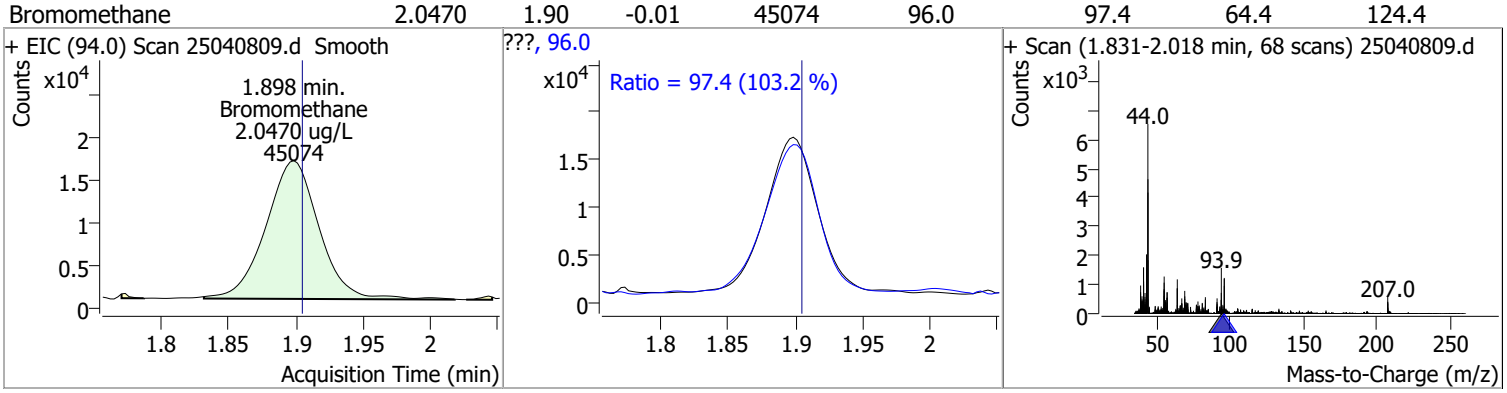
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	2.0611	1.49	0.00	70170	52.0	34.3	3.4	63.4



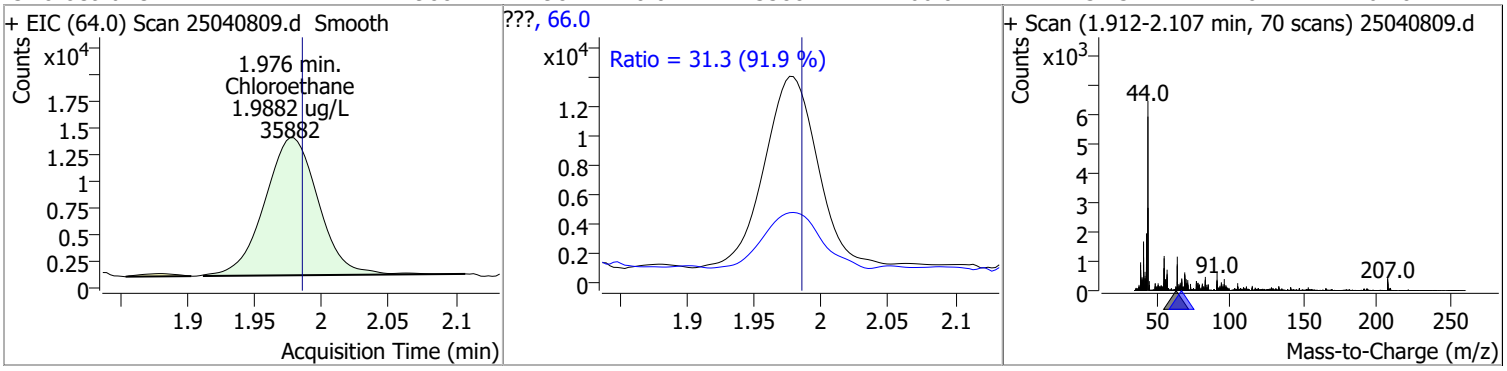
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	1.9774	1.59	-0.01	66722	64.0	31.3	2.2	62.2



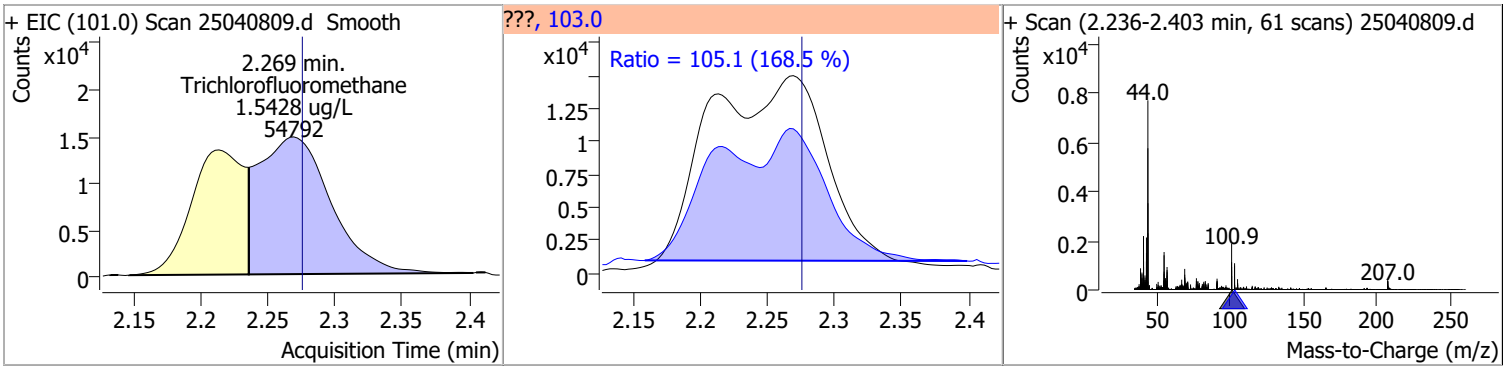
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	2.0470	1.90	-0.01	45074	96.0	97.4	64.4	124.4



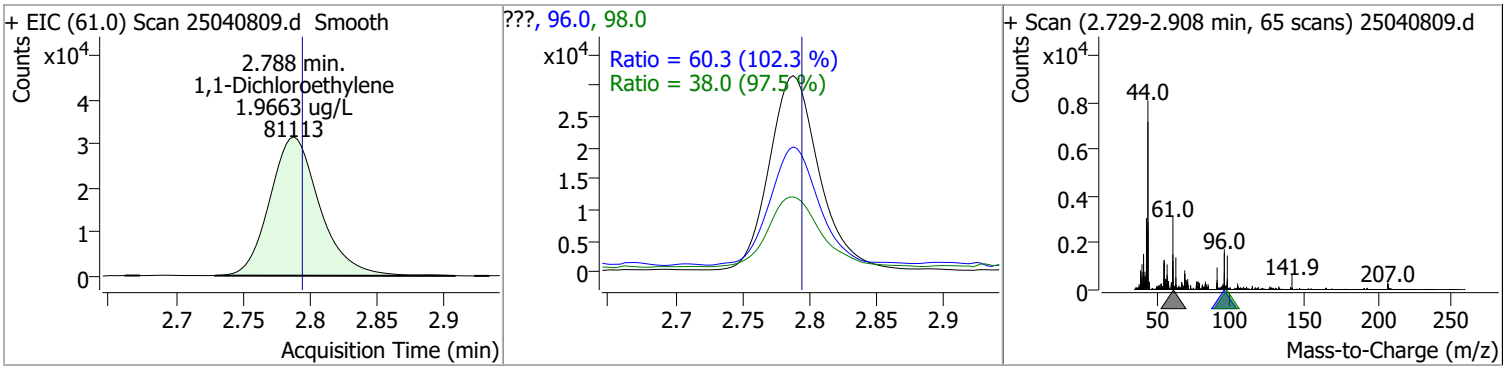
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	1.9882	1.98	-0.01	35882	66.0	31.3	4.0	64.0



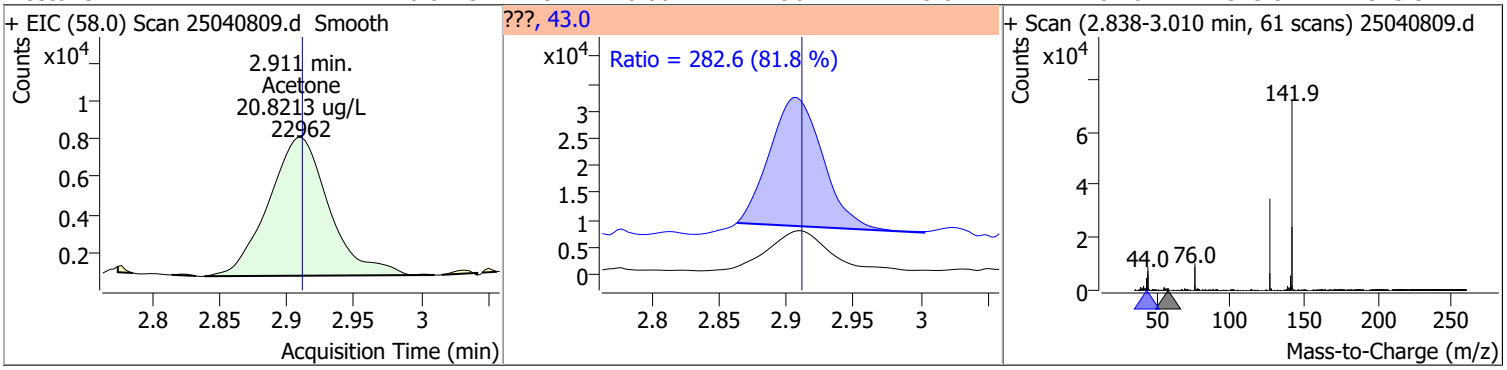
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	1.5428	2.27	-0.01	54792	103.0	105.1	32.3	92.3



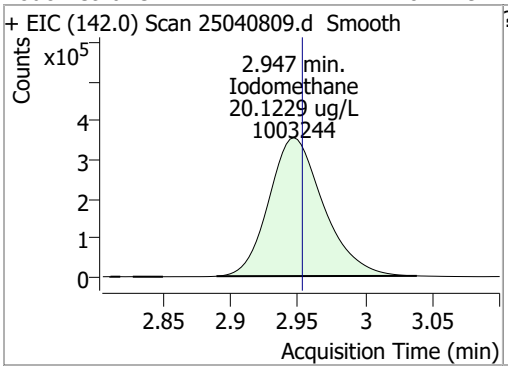
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	1.9663	2.79	-0.01	81113	96.0	60.3	28.9	88.9
					98.0	38.0	8.9	68.9

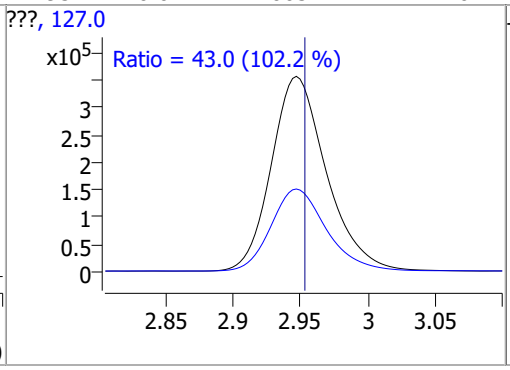


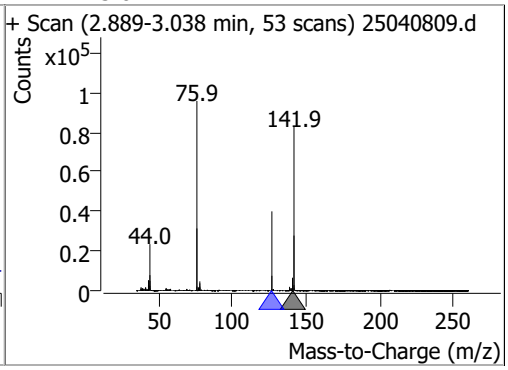
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	20.8213	2.91	0.00	22962	43.0	282.6	315.3	375.3



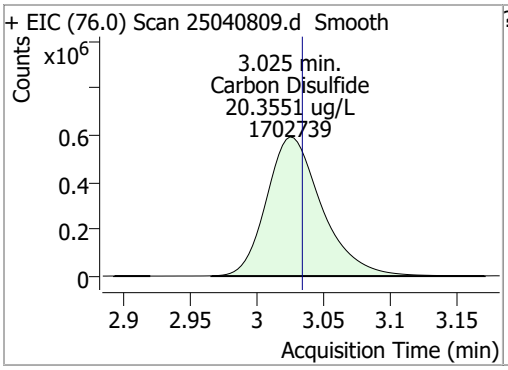
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	20.1229	2.95	-0.01	1003244	127.0	43.0	12.1	72.1

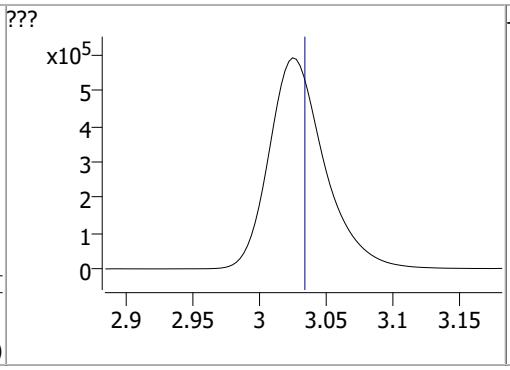


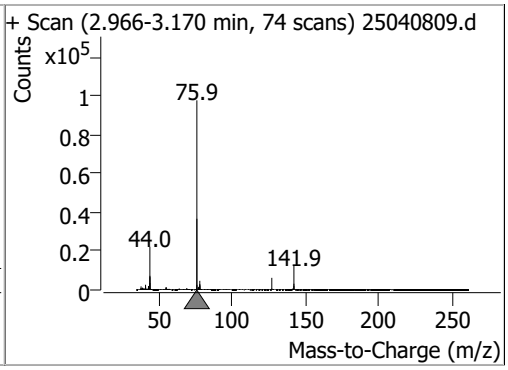




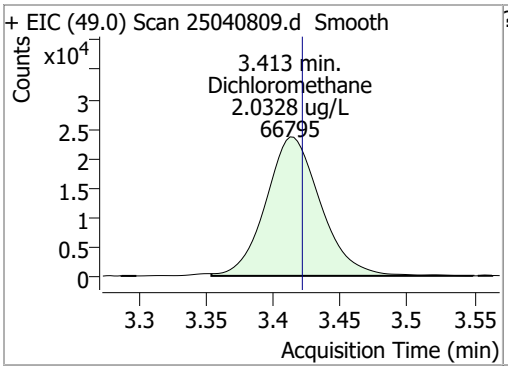
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	20.3551	3.02	-0.01	1702739				

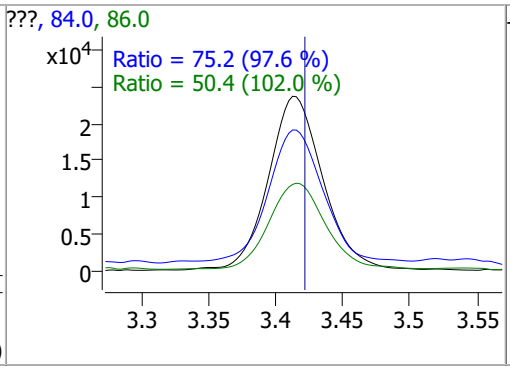


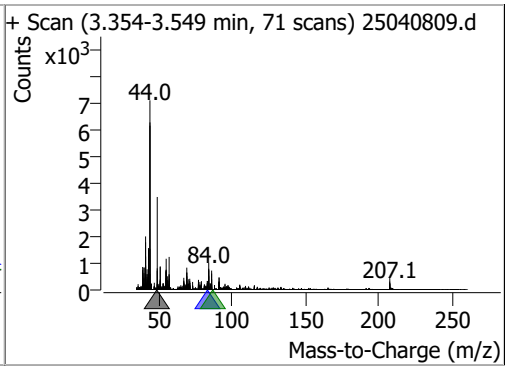




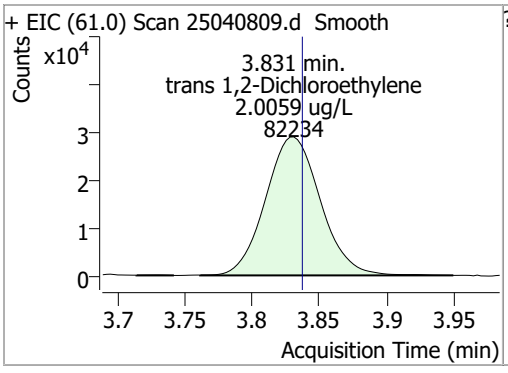
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	2.0328	3.41	-0.01	66795	84.0	75.2	47.1	107.1
					86.0	50.4	19.4	79.4

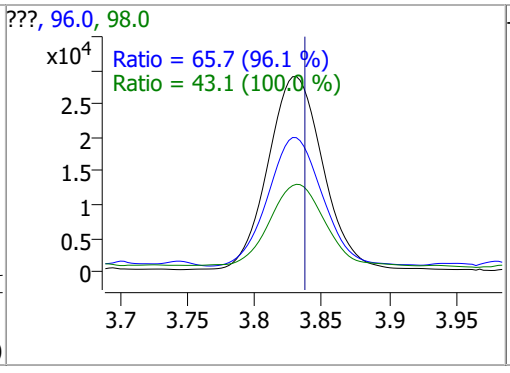


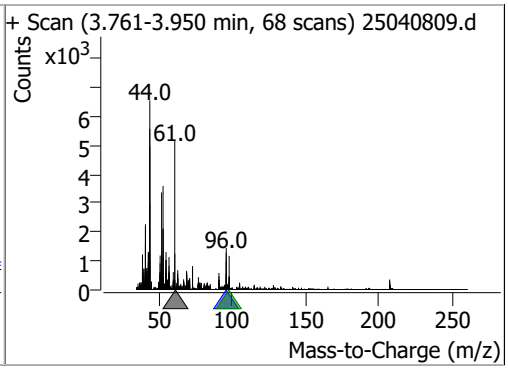




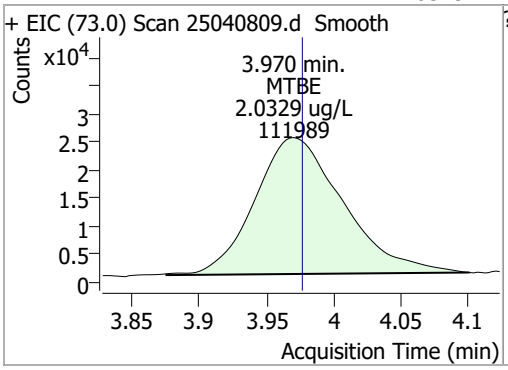
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	2.0059	3.83	-0.01	82234	96.0	65.7	38.4	98.4
					98.0	43.1	13.2	73.2

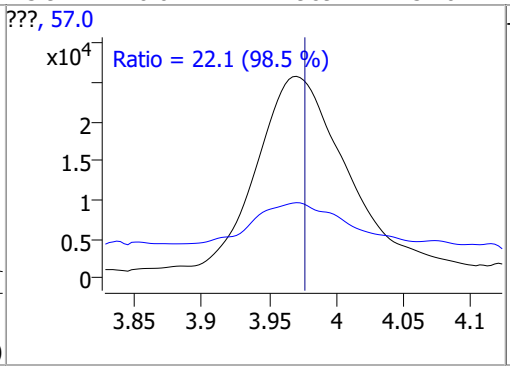


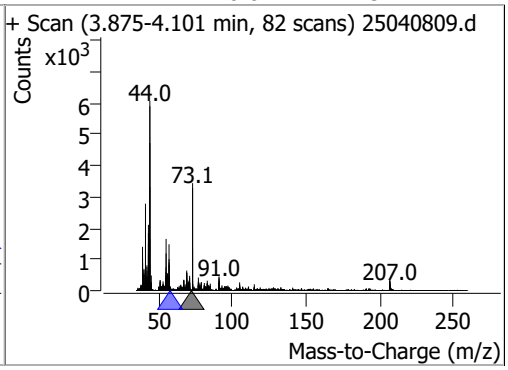




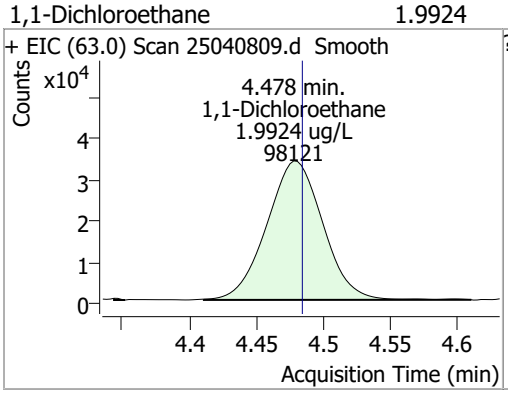
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	2.0329	3.97	-0.01	111989	57.0	22.1	0.0	52.4

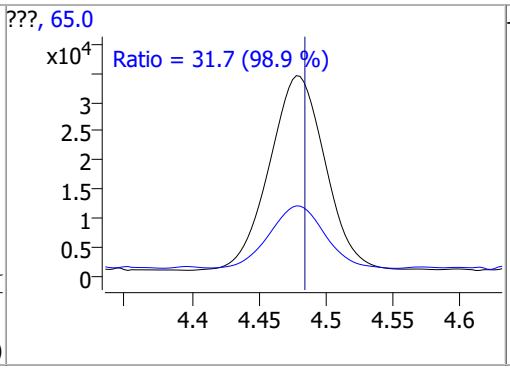


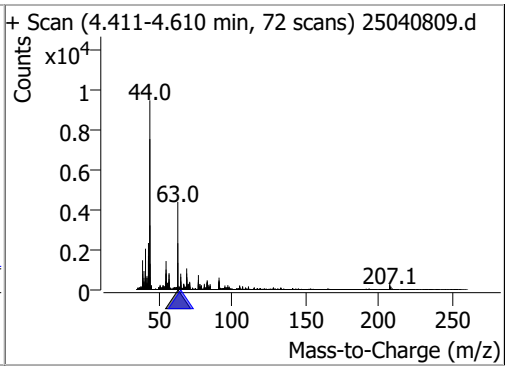




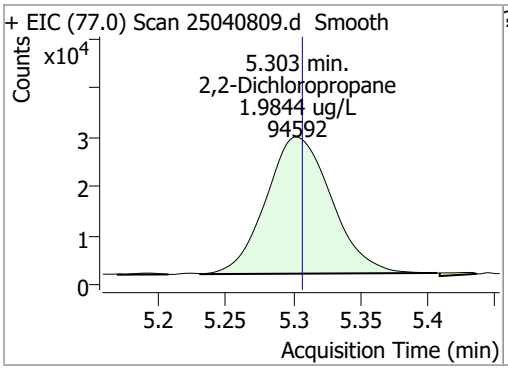
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	1.9924	4.48	-0.01	98121	65.0	31.7	2.0	62.0

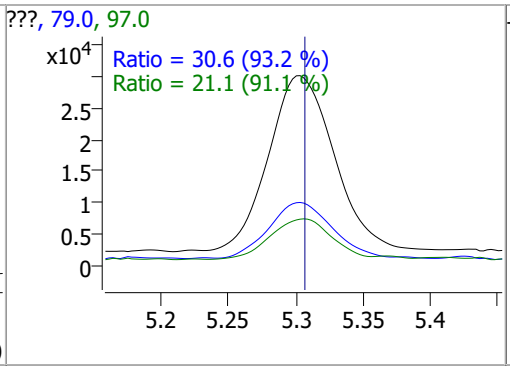


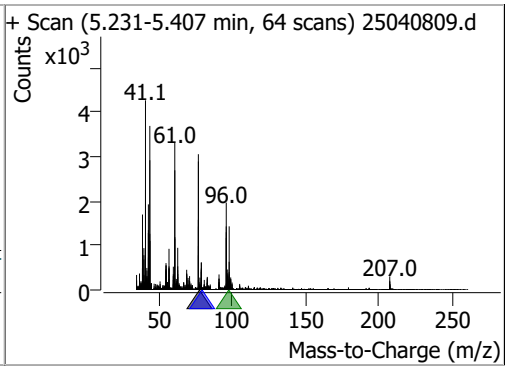




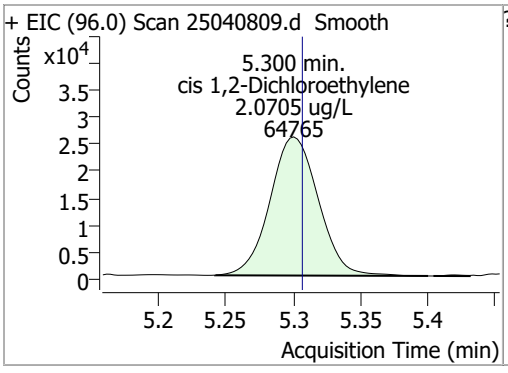
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	1.9844	5.30	0.00	94592	79.0	30.6	2.9	62.9
					97.0	21.1	0.0	53.1

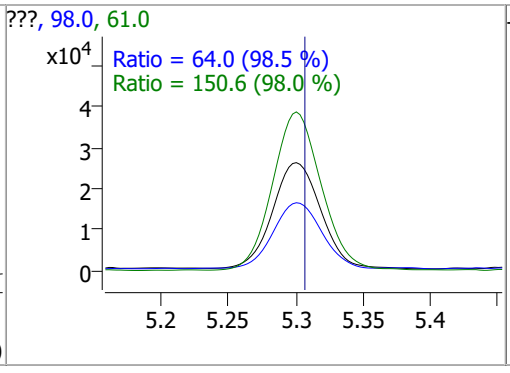


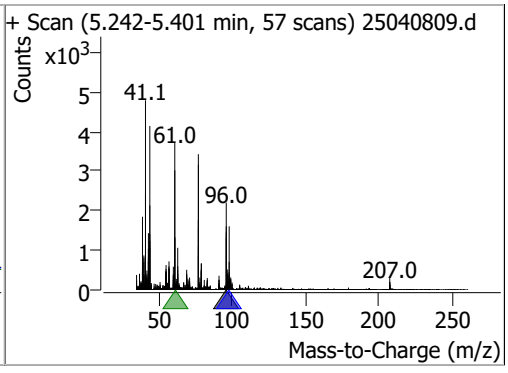




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	2.0705	5.30	-0.01	64765	61.0	150.6	123.8	183.8
					98.0	64.0	35.0	95.0

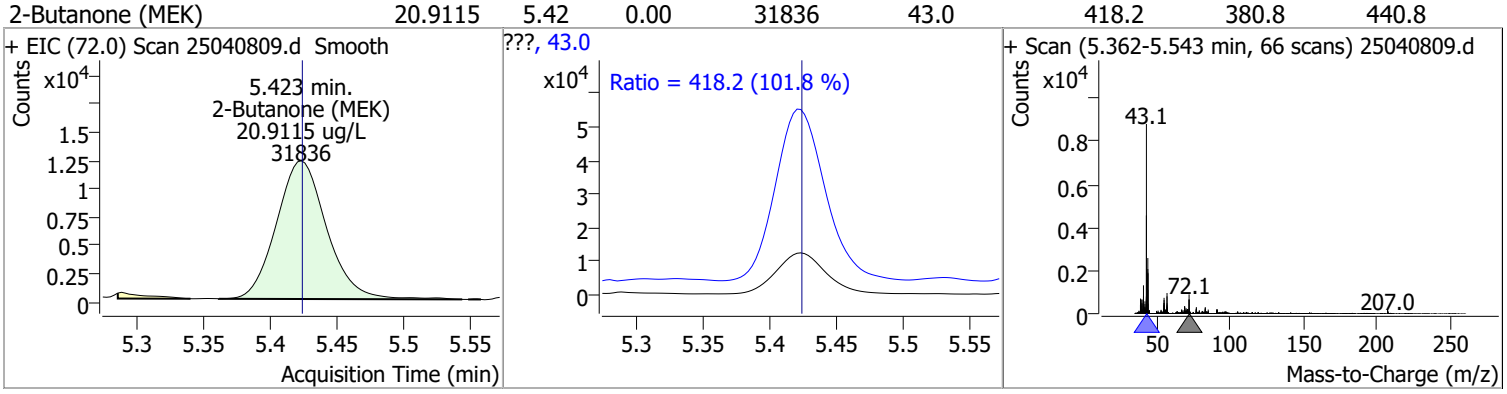




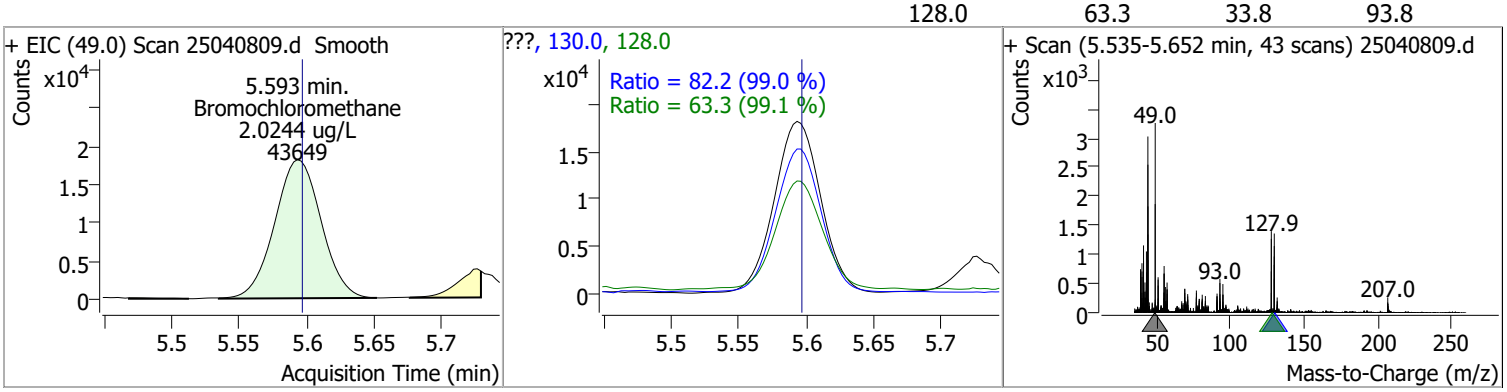


Quantitation Results Report (Not Reviewed)

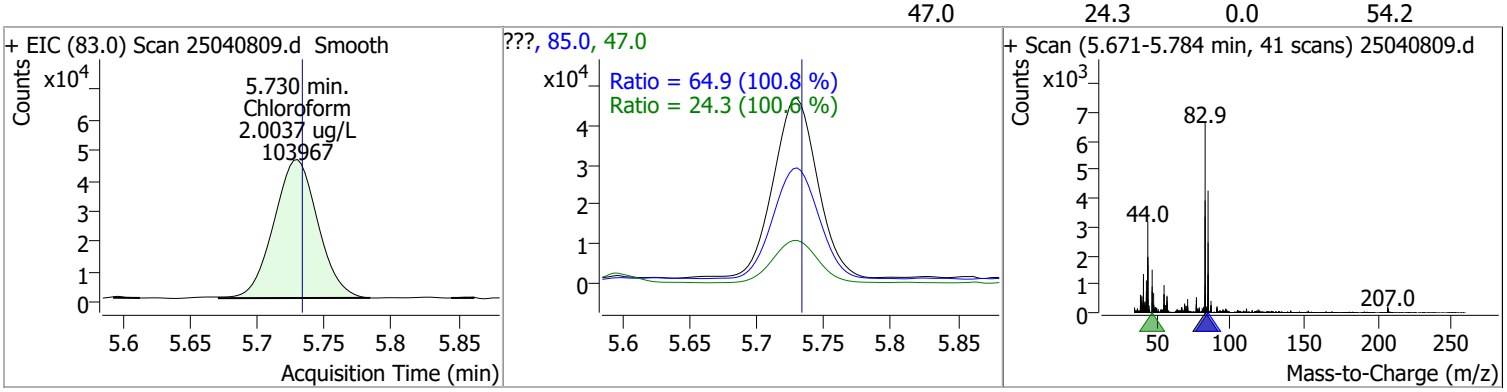
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	20.9115	5.42	0.00	31836	43.0	418.2	380.8	440.8



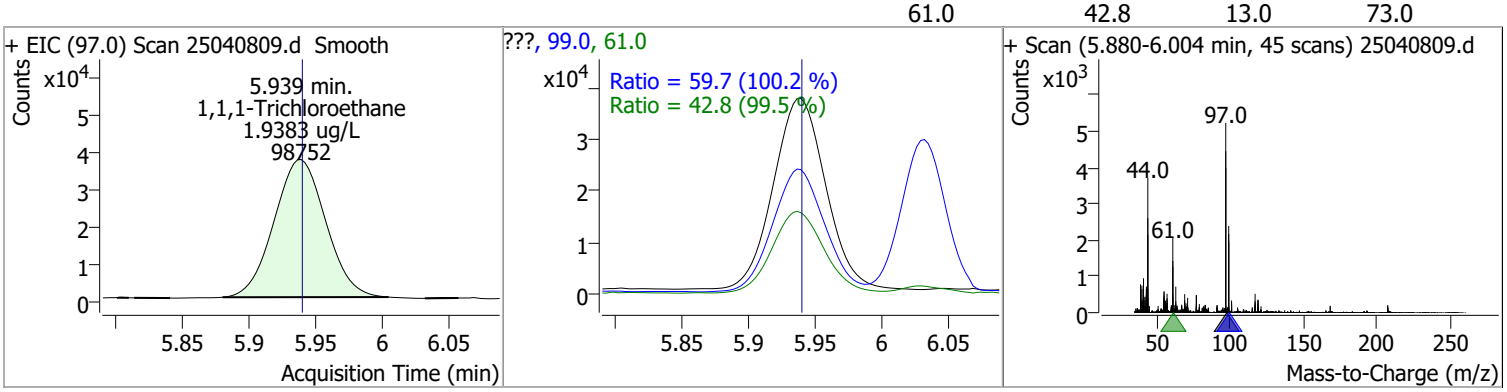
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.0244	5.59	0.00	43649	130.0	82.2	53.1	113.1
					128.0	63.3	33.8	93.8



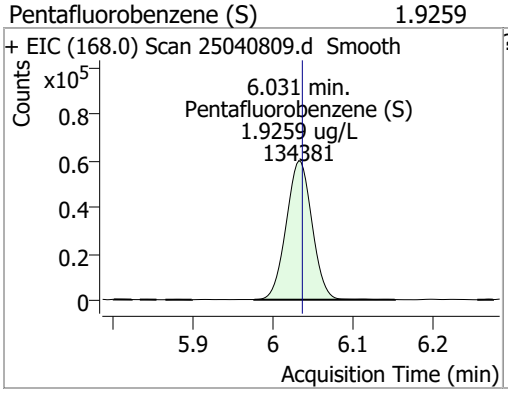
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.0037	5.73	0.00	103967	85.0	64.9	34.4	94.4
					47.0	24.3	0.0	54.2

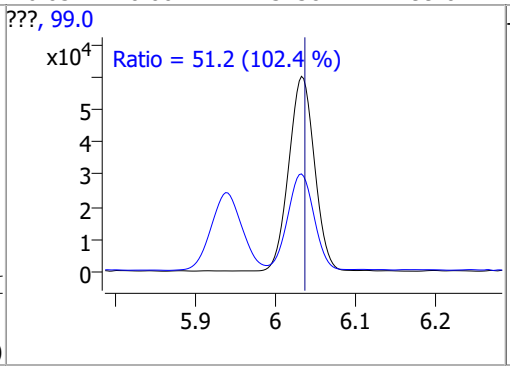


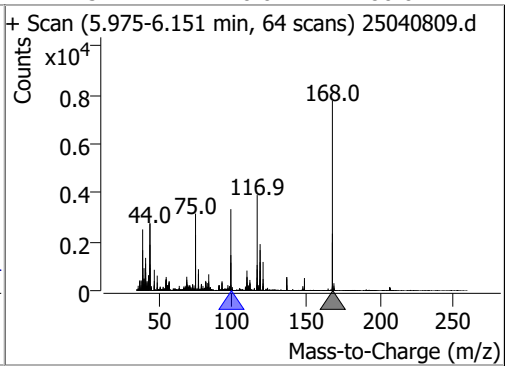
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	1.9383	5.94	0.00	98752	99.0	59.7	29.6	89.6
					61.0	42.8	13.0	73.0



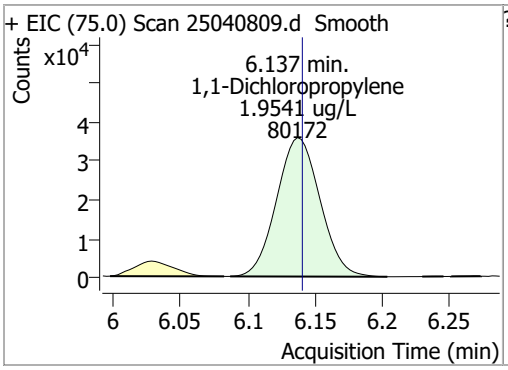
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	1.9259	6.03	0.00	134381	99.0	51.2	20.0	80.0

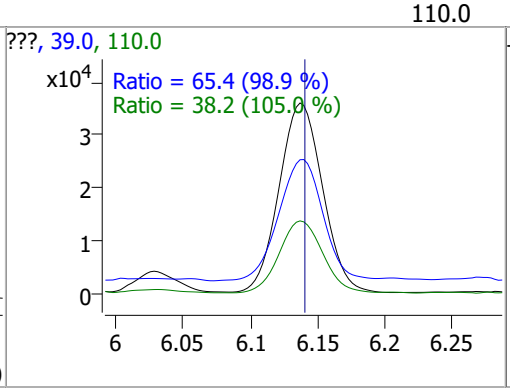


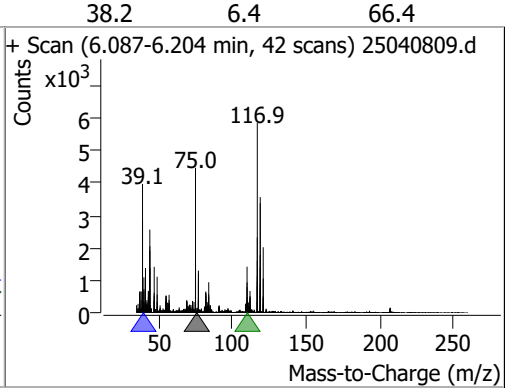




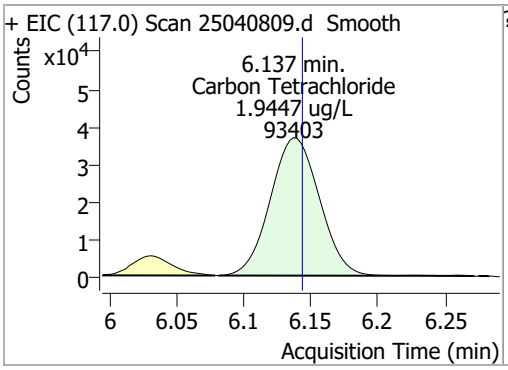
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	1.9541	6.14	0.00	80172	39.0	65.4	36.1	96.1
					110.0	38.2	6.4	66.4

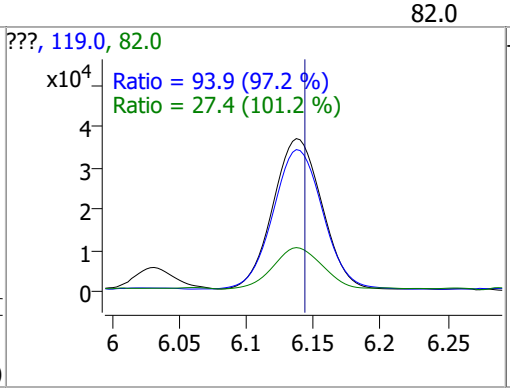


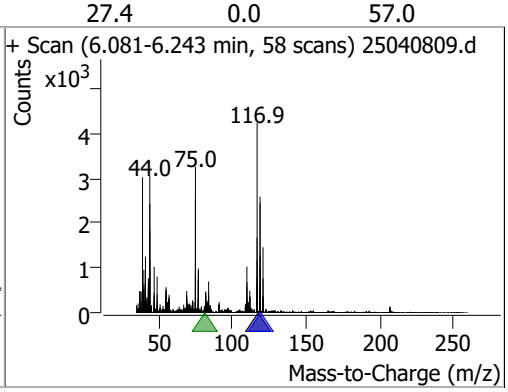




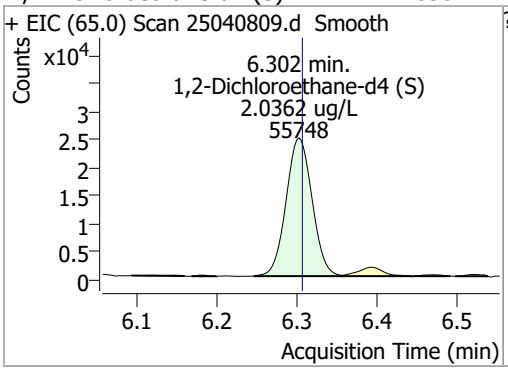
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	1.9447	6.14	-0.01	93403	119.0	93.9	66.7	126.7
					82.0	27.4	0.0	57.0

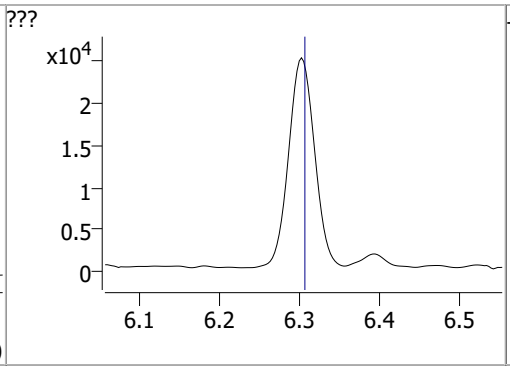


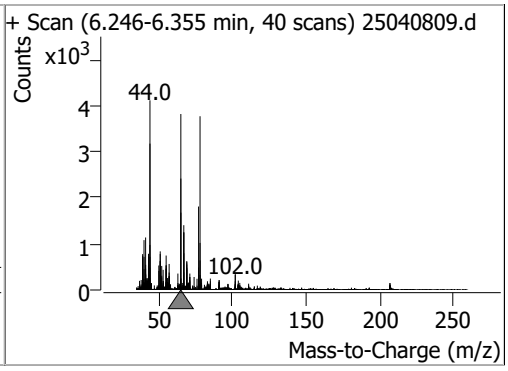




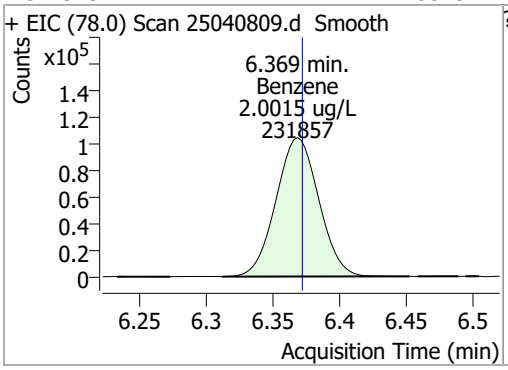
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	2.0362	6.30	0.00	55748				

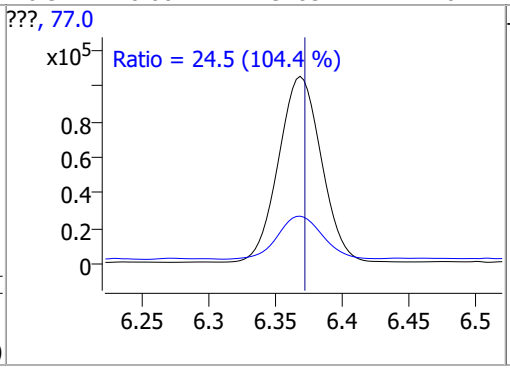


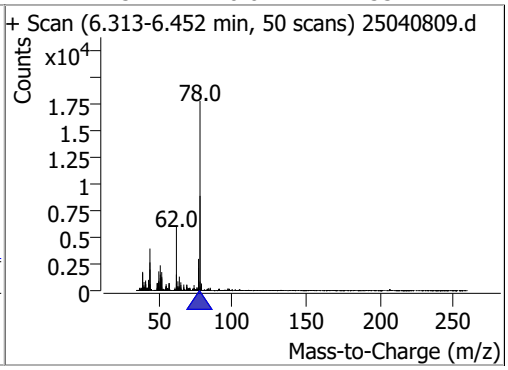




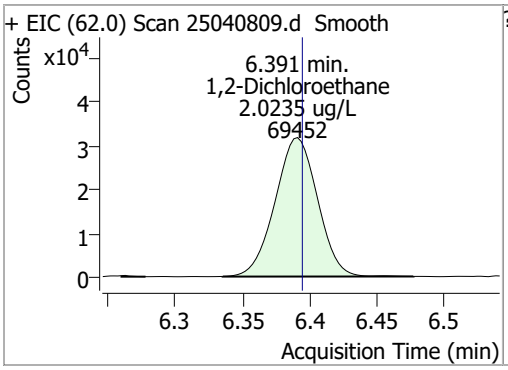
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.0015	6.37	0.00	231857	77.0	24.5	0.0	53.4

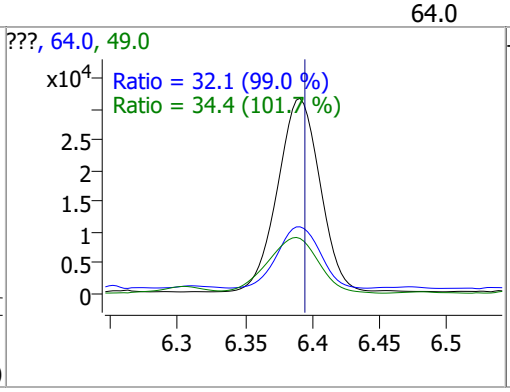


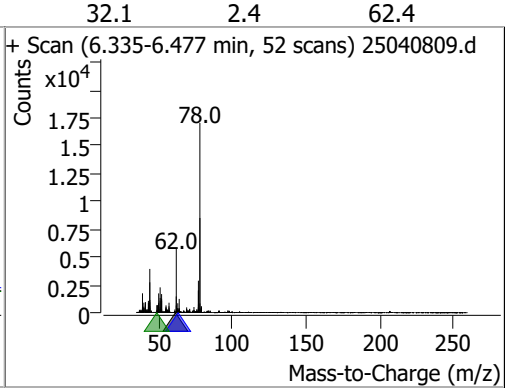




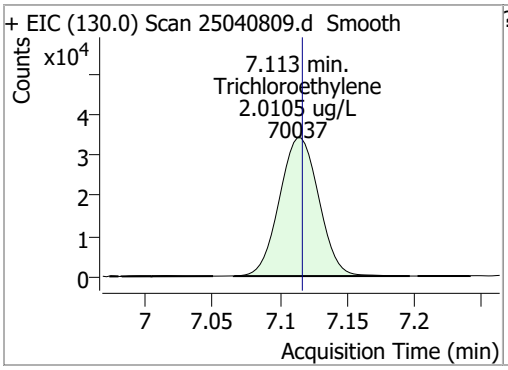
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.0235	6.39	0.00	69452	49.0	34.4	3.8	63.8
					64.0	32.1	2.4	62.4

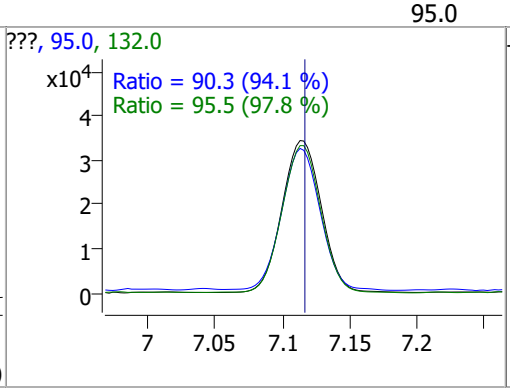


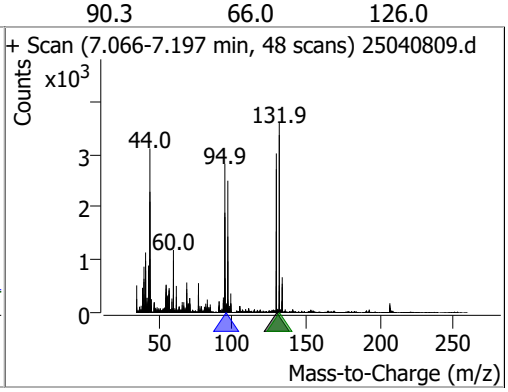




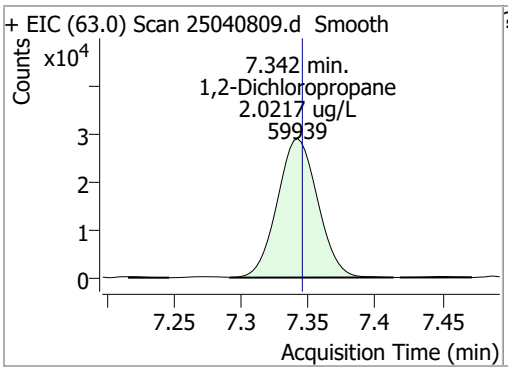
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	2.0105	7.11	0.00	70037	132.0	95.5	67.6	127.6
					95.0	90.3	66.0	126.0

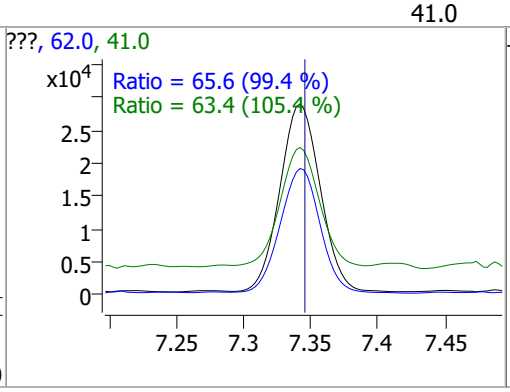


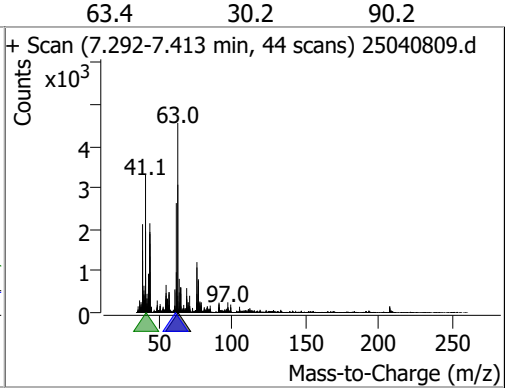




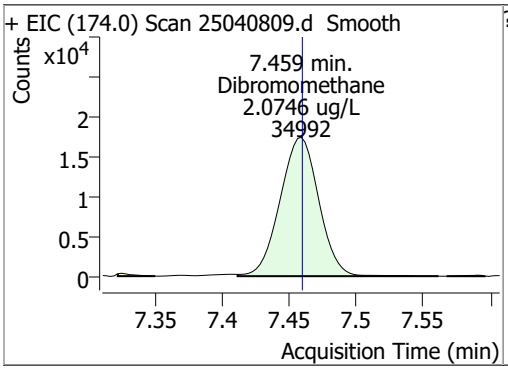
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.0217	7.34	0.00	59939	62.0	65.6	36.0	96.0
					41.0	63.4	30.2	90.2

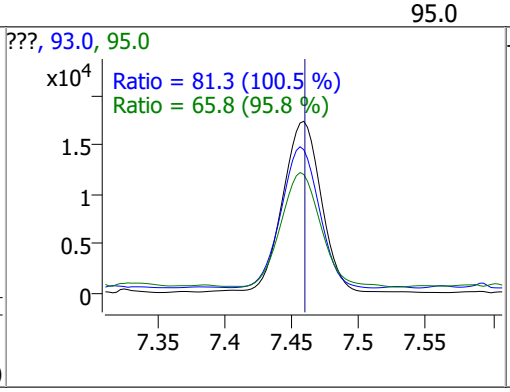


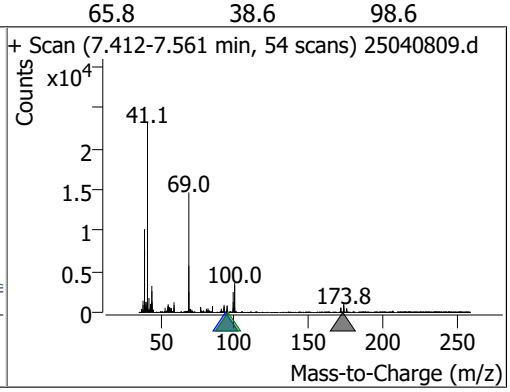




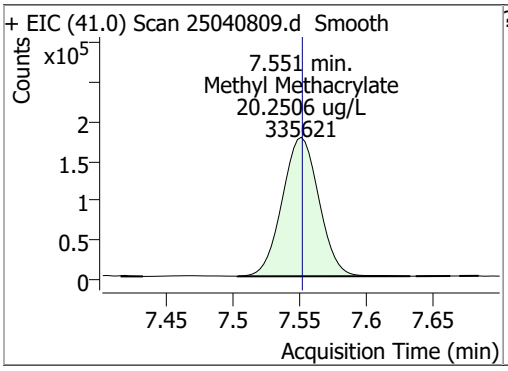
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	2.0746	7.46	0.00	34992	93.0	81.3	50.9	110.9
					95.0	65.8	38.6	98.6

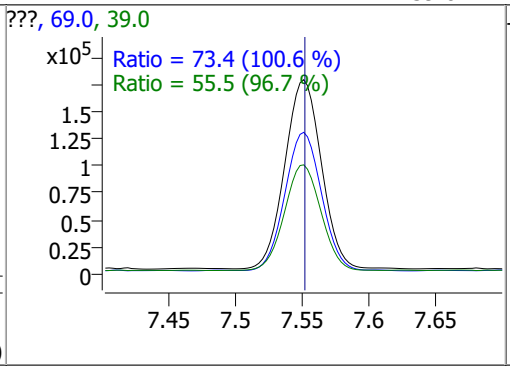


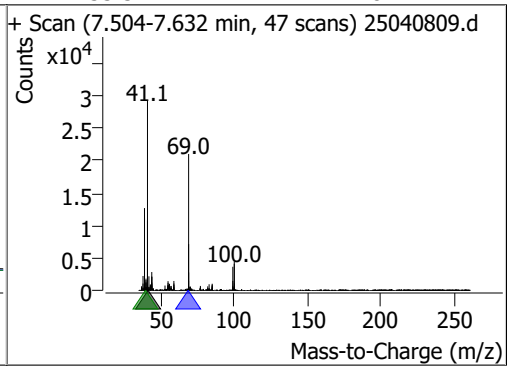




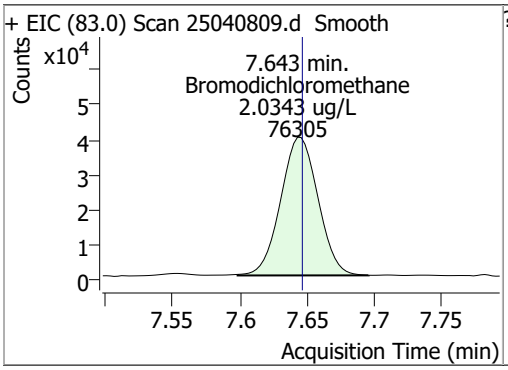
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	20.2506	7.55	0.00	335621	69.0	73.4	42.9	102.9
					39.0	55.5	27.4	87.4

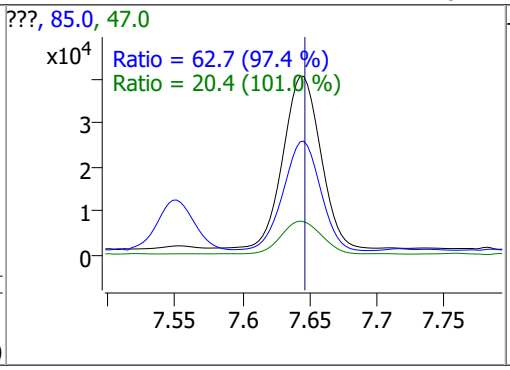


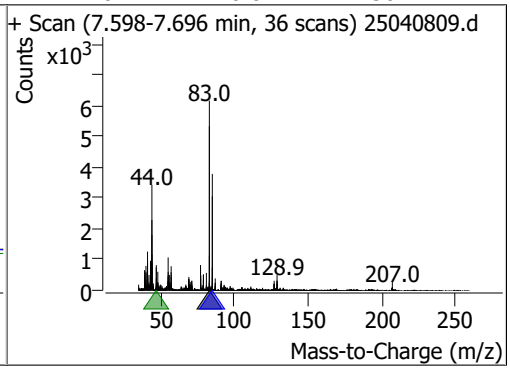




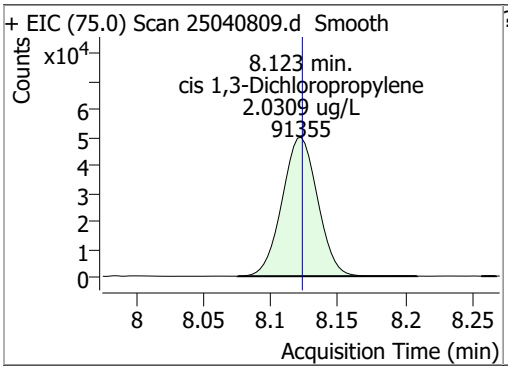
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.0343	7.64	0.00	76305	85.0	62.7	34.4	94.4
					47.0	20.4	0.0	50.2

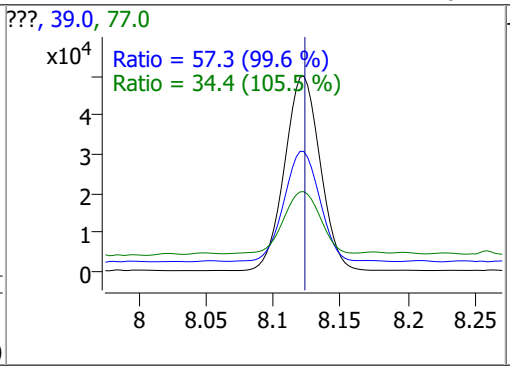


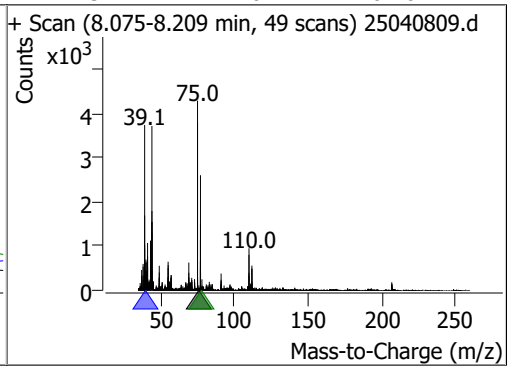




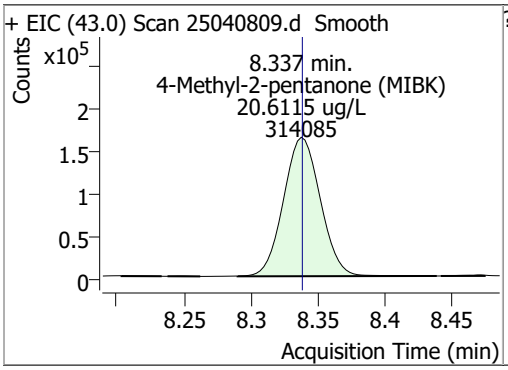
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	2.0309	8.12	0.00	91355	39.0	57.3	27.6	87.6
					77.0	34.4	2.6	62.6

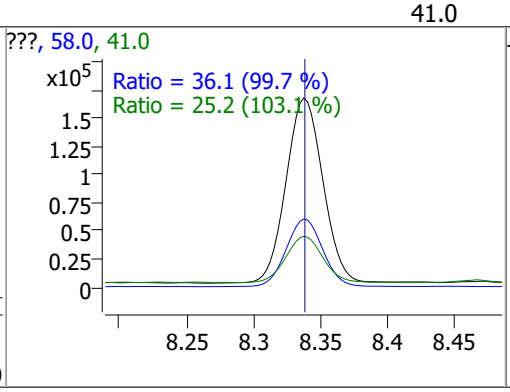


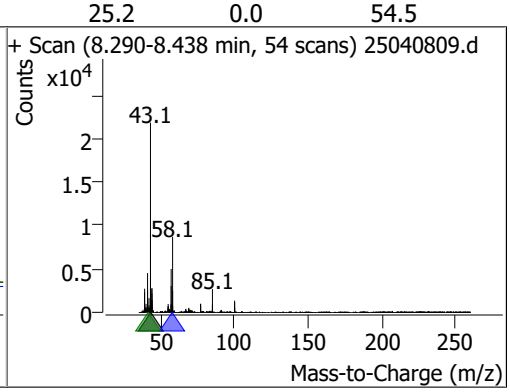




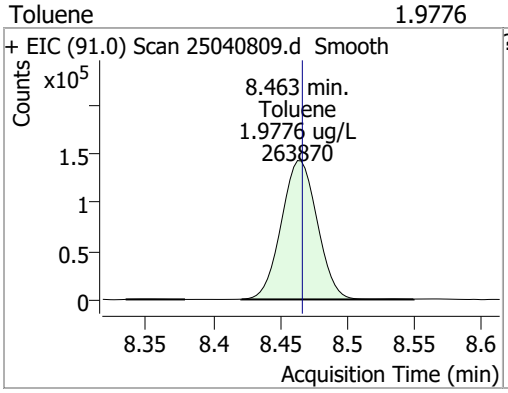
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	20.6115	8.34	0.00	314085	58.0	36.1	6.2	66.2
					41.0	25.2	0.0	54.5

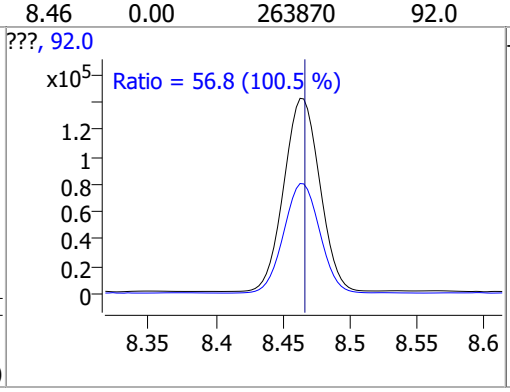


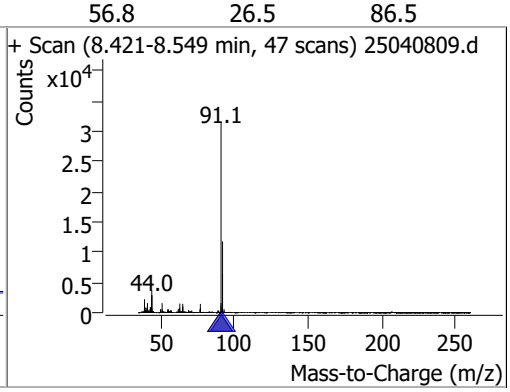




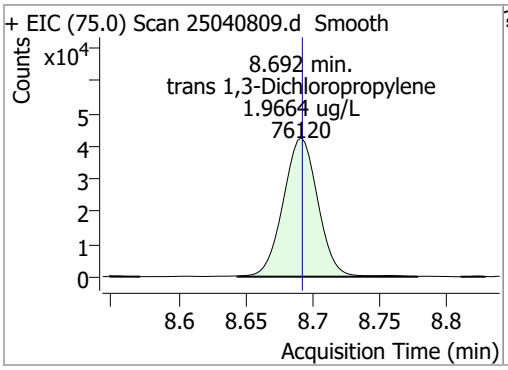
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.9776	8.46	0.00	263870	92.0	56.8	26.5	86.5

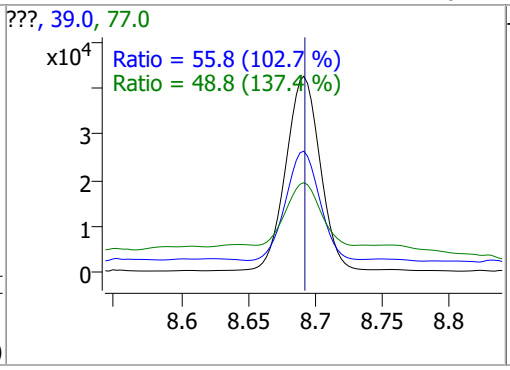


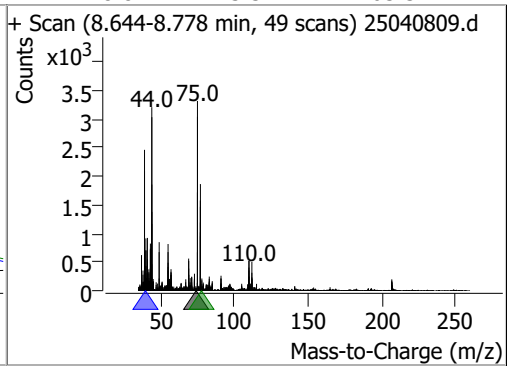




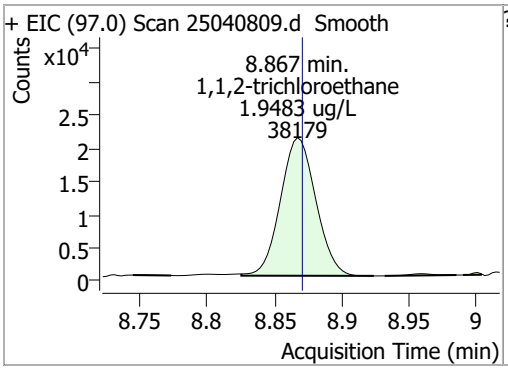
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	1.9664	8.69	0.00	76120	39.0	55.8	24.3	84.3
					77.0	48.8	5.5	65.5

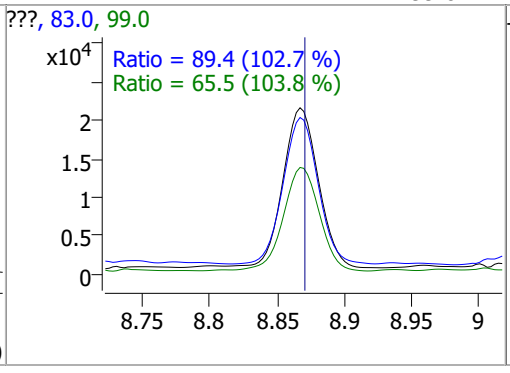


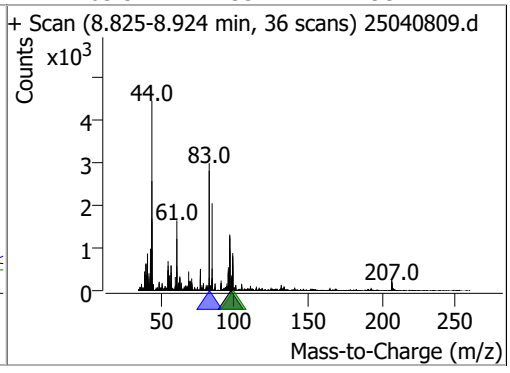




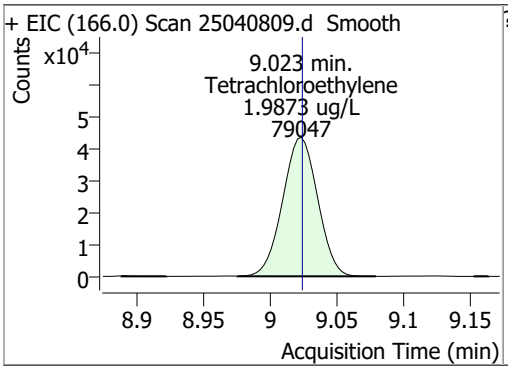
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	1.9483	8.87	0.00	38179	83.0	89.4	57.0	117.0
					99.0	65.5	33.1	93.1

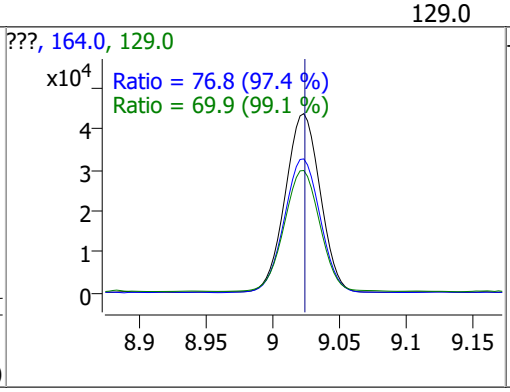


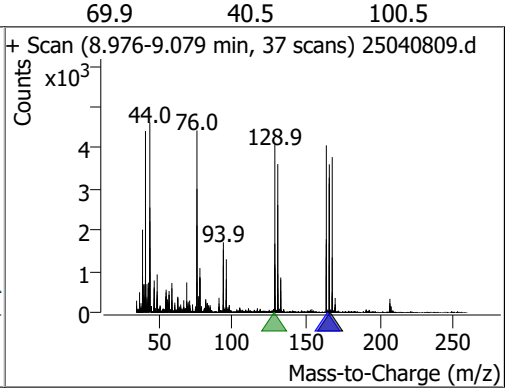




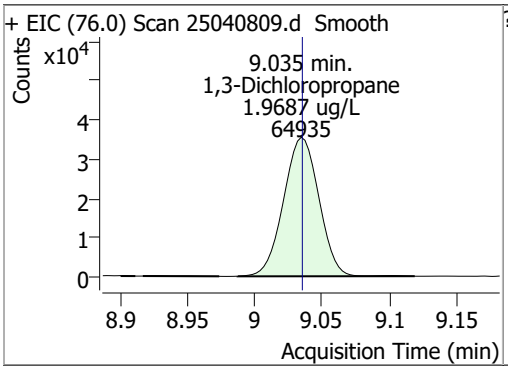
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	1.9873	9.02	0.00	79047	164.0	76.8	48.9	108.9
					129.0	69.9	40.5	100.5

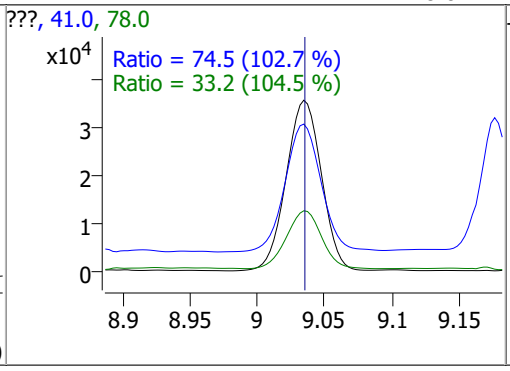


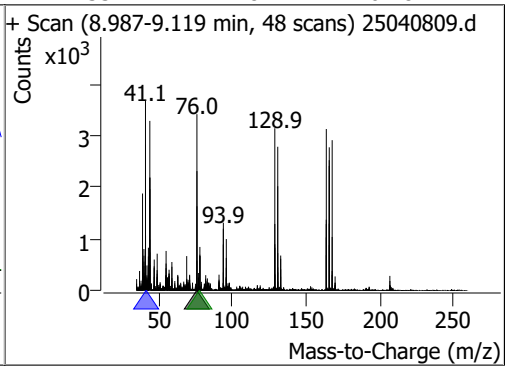




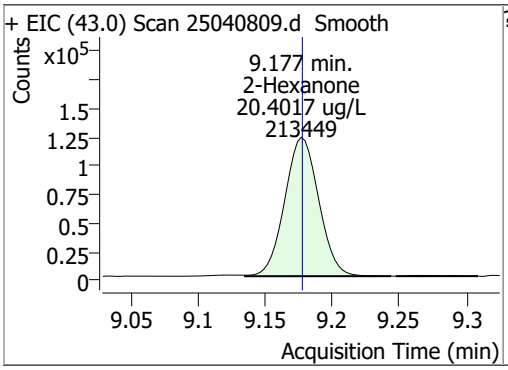
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	1.9687	9.03	0.00	64935	41.0	74.5	42.5	102.5
					78.0	33.2	1.8	61.8

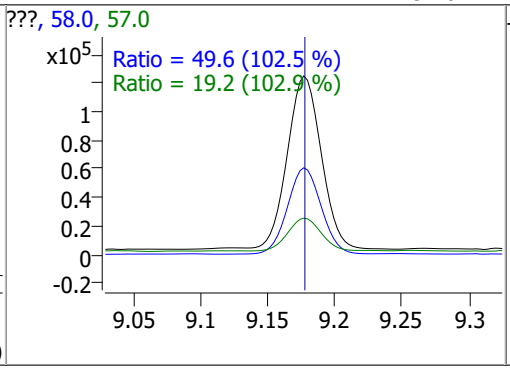


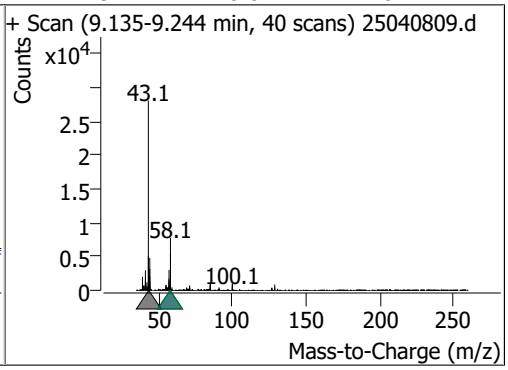




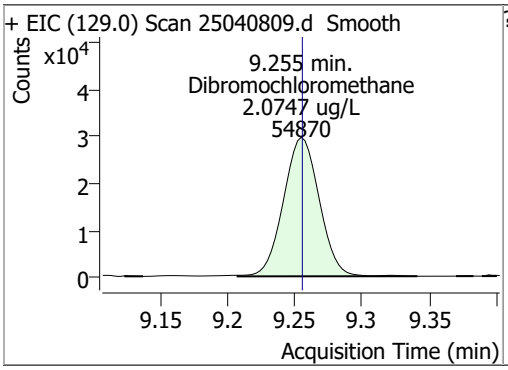
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	20.4017	9.18	0.00	213449	58.0	49.6	18.4	78.4
					57.0	19.2	0.0	48.7

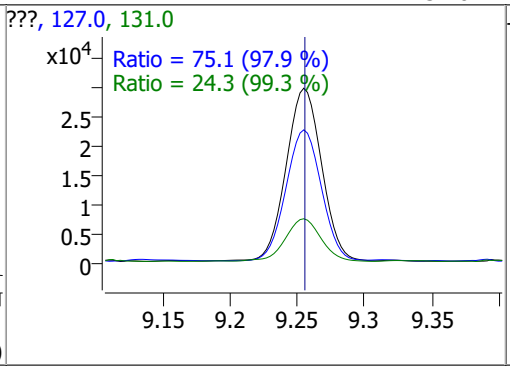


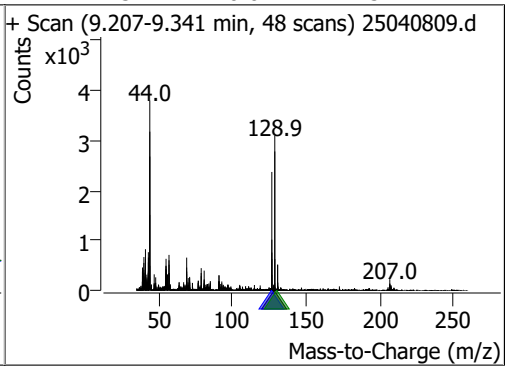




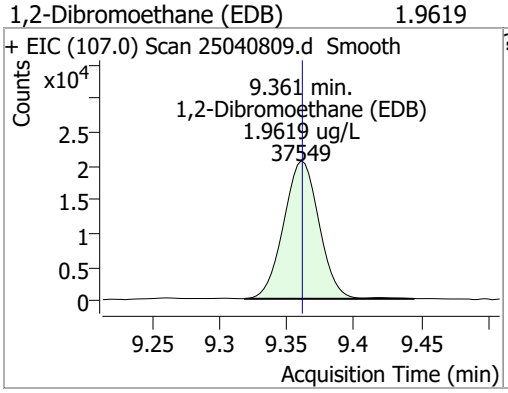
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	2.0747	9.25	0.00	54870	127.0	75.1	46.7	106.7
					131.0	24.3	0.0	54.4

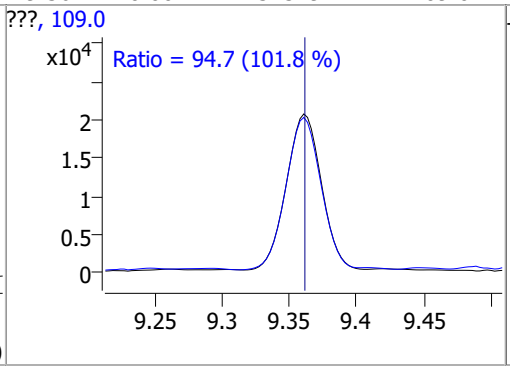


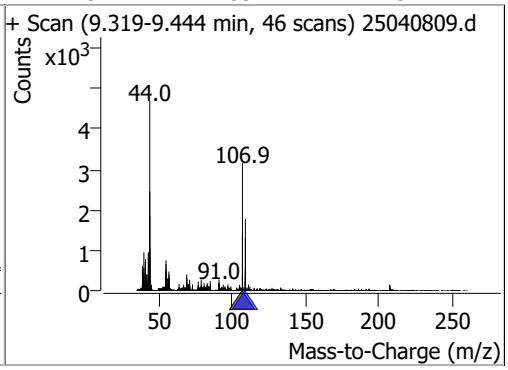




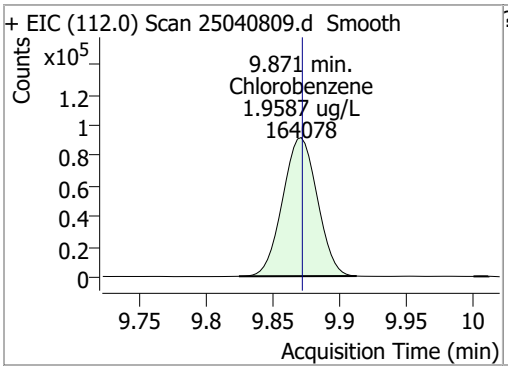
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	1.9619	9.36	0.00	37549	109.0	94.7	63.1	123.1

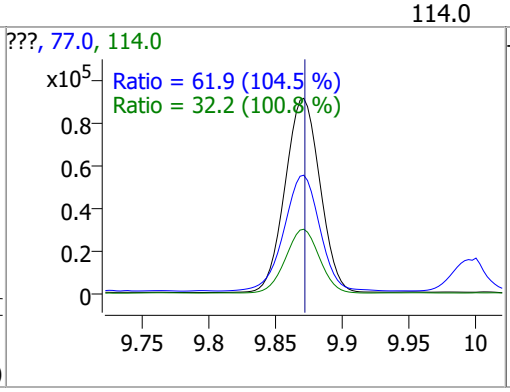


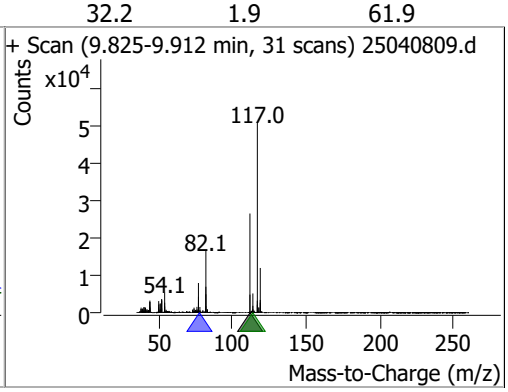




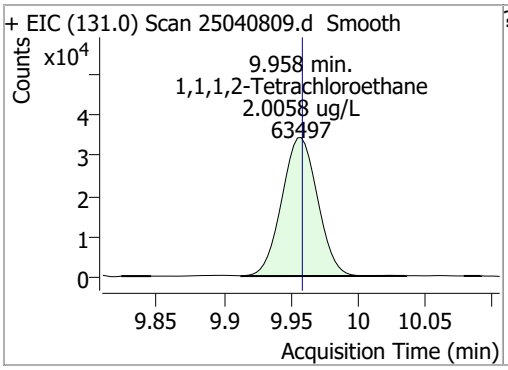
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	1.9587	9.87	0.00	164078	77.0	61.9	29.3	89.3
					114.0	32.2	1.9	61.9

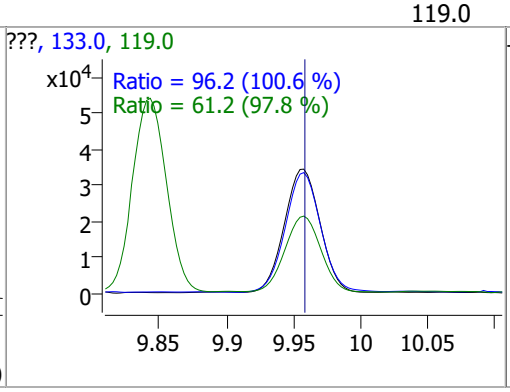


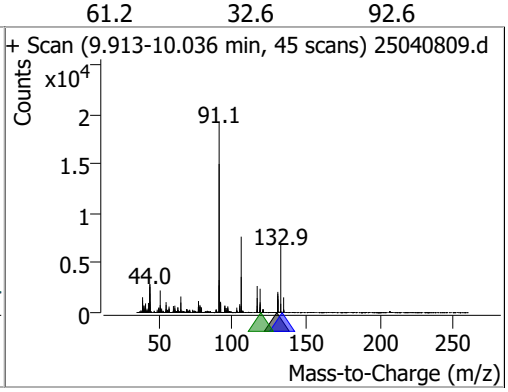




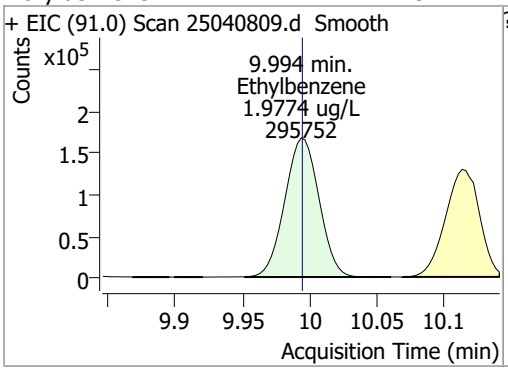
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.0058	9.96	0.00	63497	133.0	96.2	65.7	125.7
					119.0	61.2	32.6	92.6

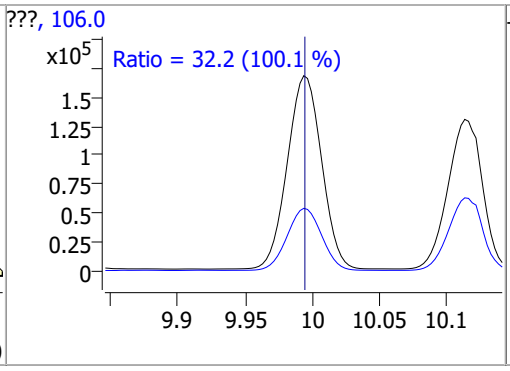


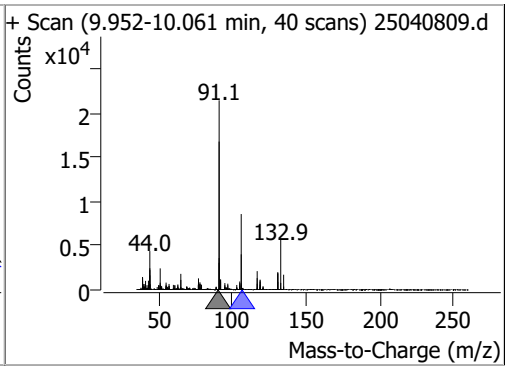




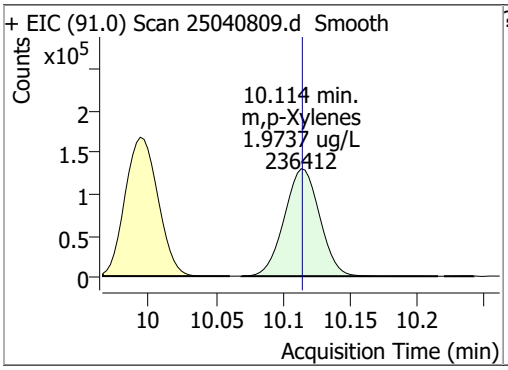
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	1.9774	9.99	0.00	295752	106.0	32.2	2.2	62.2

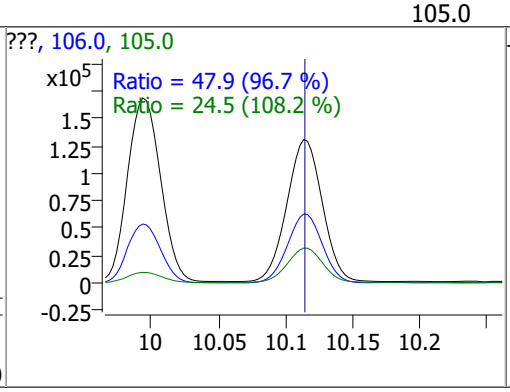


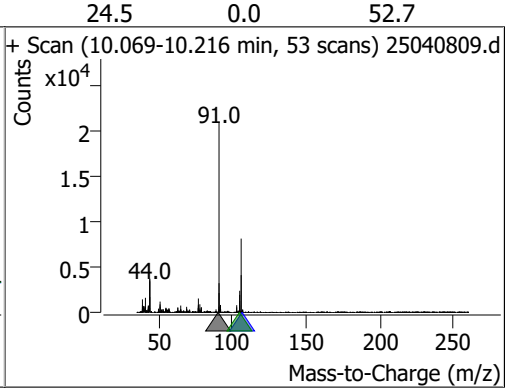




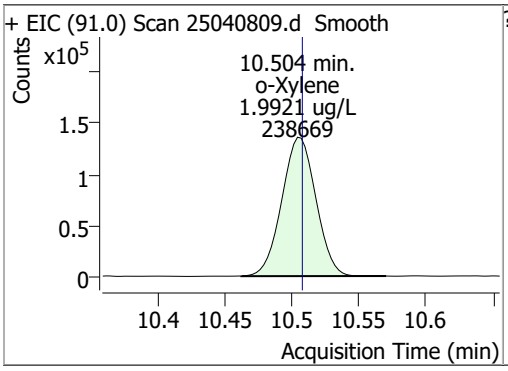
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	1.9737	10.11	0.00	236412	106.0	47.9	19.6	79.6
					105.0	24.5	0.0	52.7

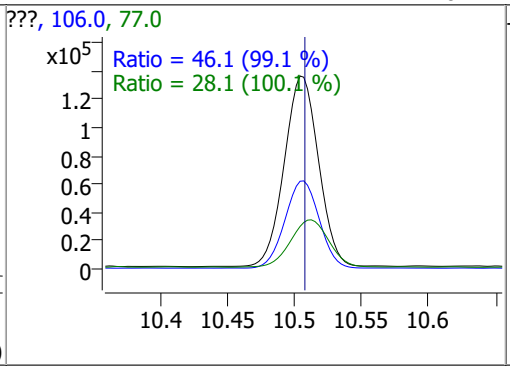


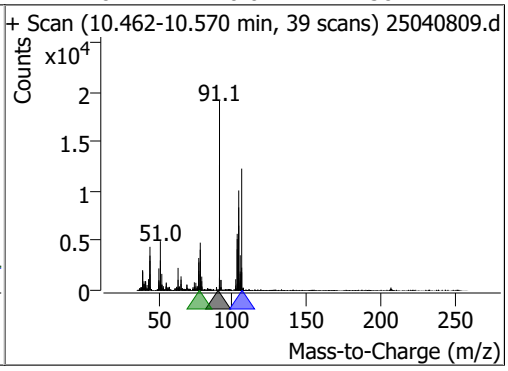




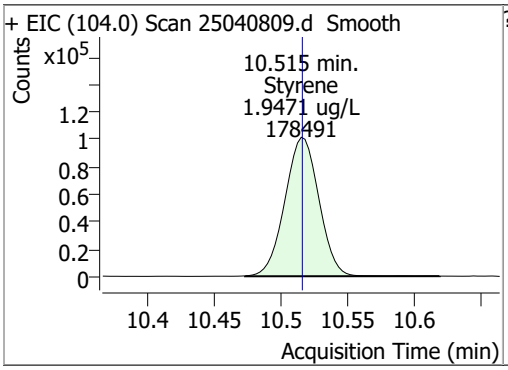
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	1.9921	10.50	0.00	238669	106.0	46.1	16.5	76.5
					77.0	28.1	0.0	58.1

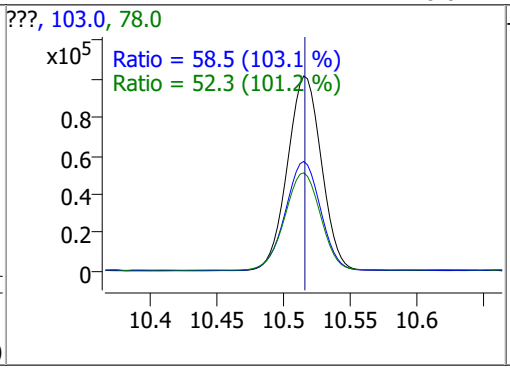


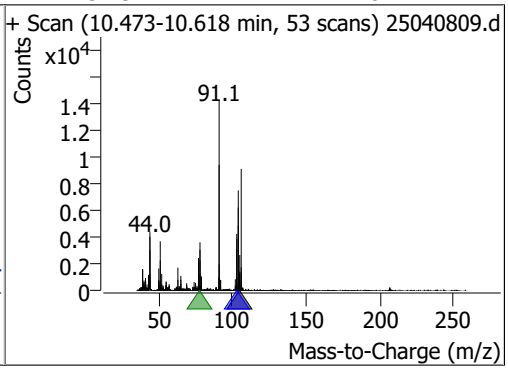




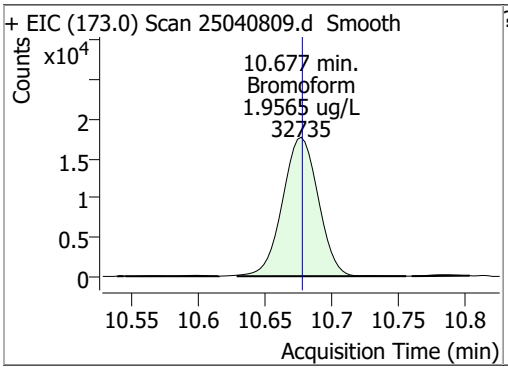
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	1.9471	10.52	0.00	178491	103.0	58.5	26.7	86.7
					78.0	52.3	21.7	81.7

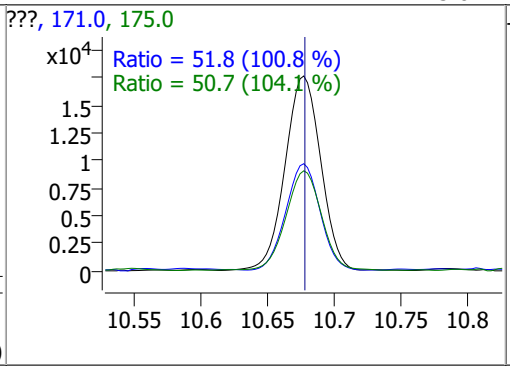


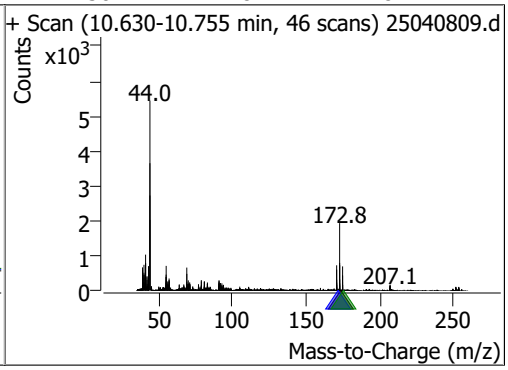




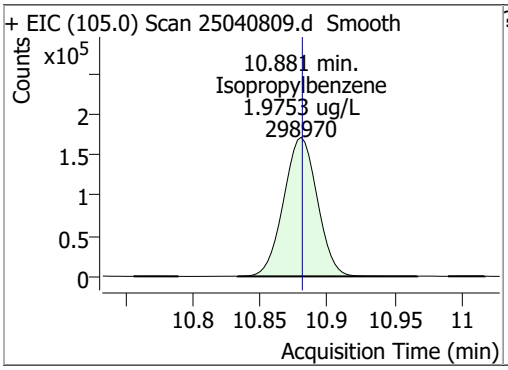
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	1.9565	10.68	0.00	32735	171.0	51.8	21.4	81.4
					175.0	50.7	18.7	78.7

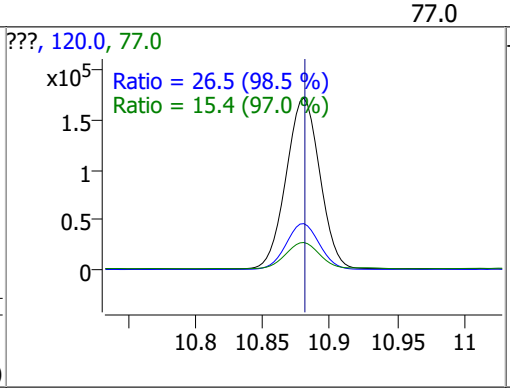


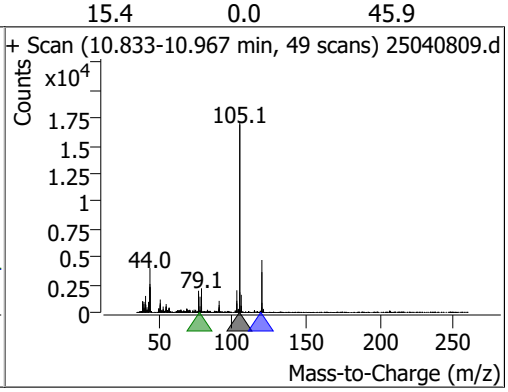




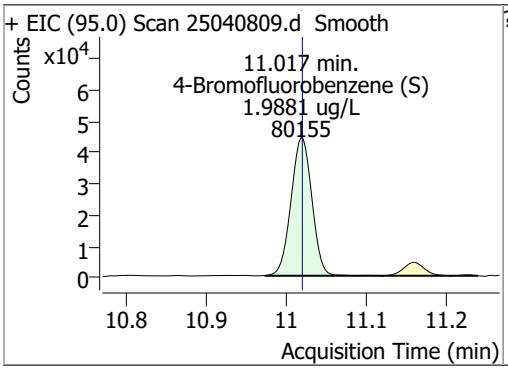
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	1.9753	10.88	0.00	298970	120.0	26.5	0.0	56.9
					77.0	15.4	0.0	45.9

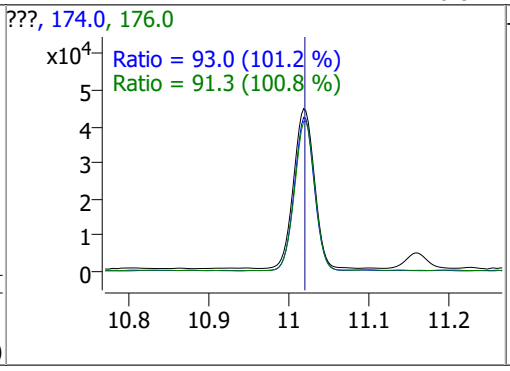


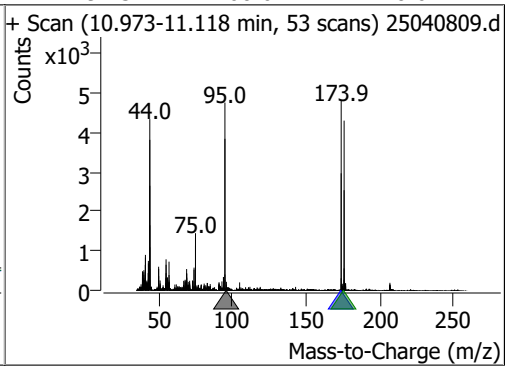




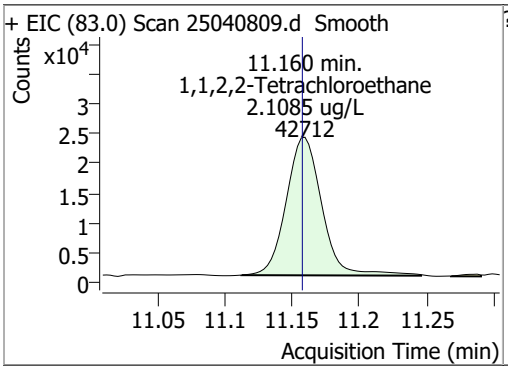
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	1.9881	11.02	0.00	80155	174.0	93.0	61.9	121.9
					176.0	91.3	60.6	120.6

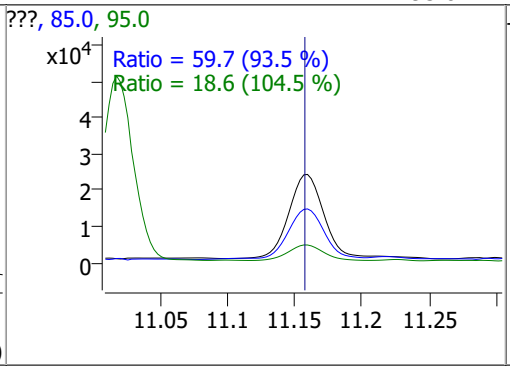


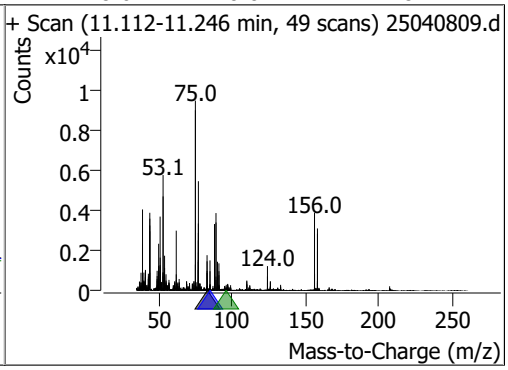




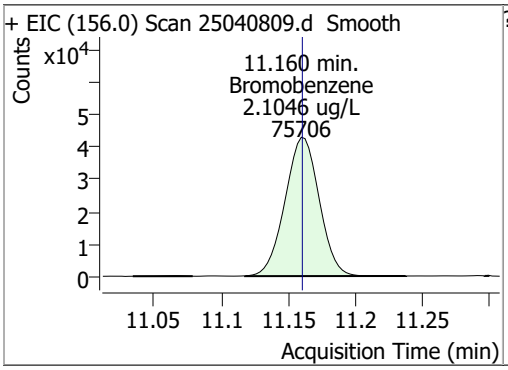
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.1085	11.16	0.00	42712	85.0	59.7	33.9	93.9
					95.0	18.6	0.0	47.8

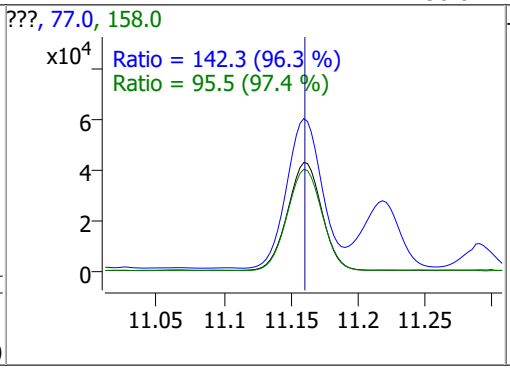


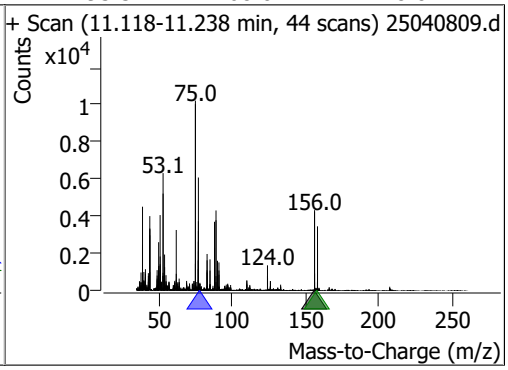




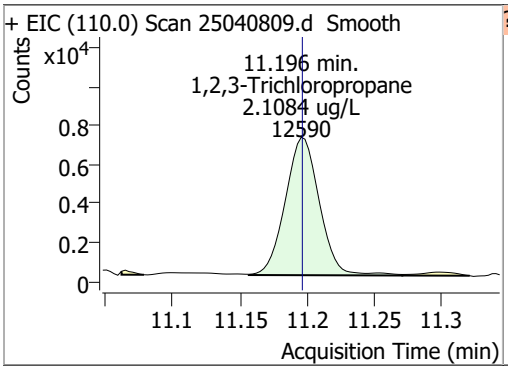
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.1046	11.16	0.00	75706	77.0	142.3	117.8	177.8
					158.0	95.5	68.0	128.0

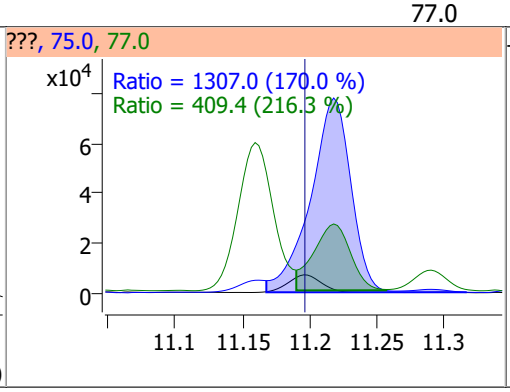


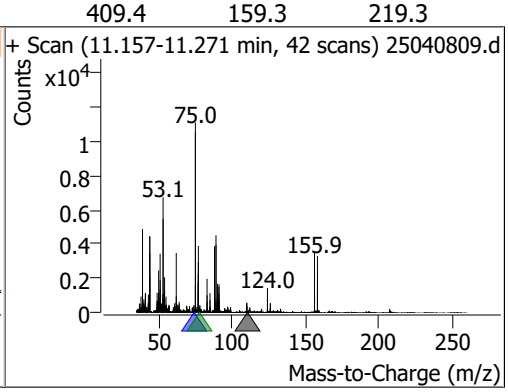




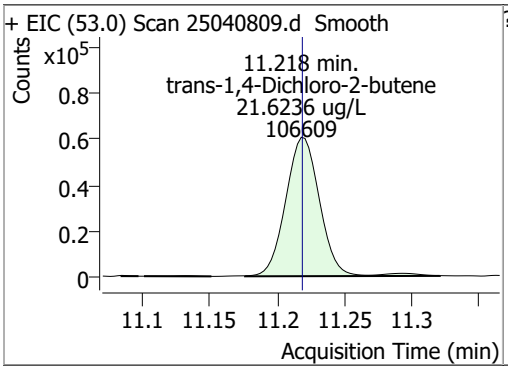
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	2.1084	11.20	0.00	12590	75.0	1307.0	738.8	798.8
					77.0	409.4	159.3	219.3

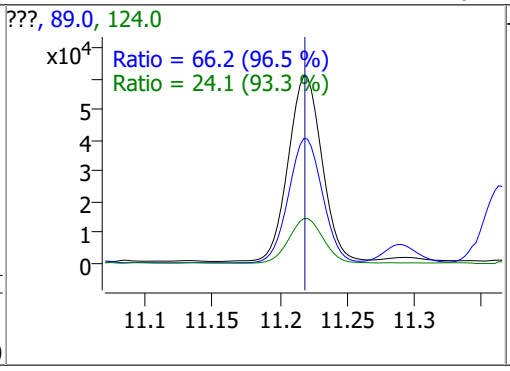


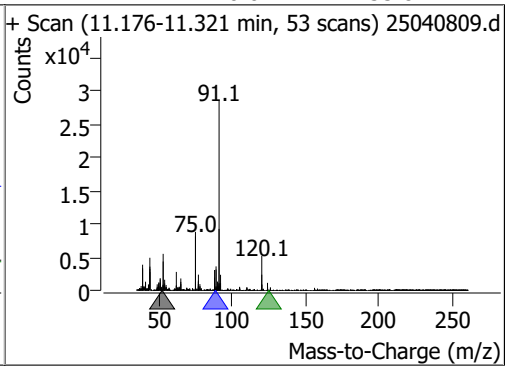




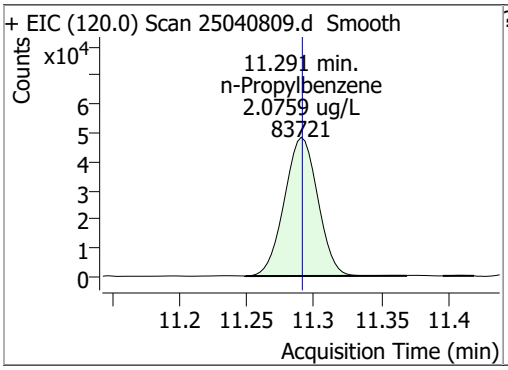
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	21.6236	11.22	0.00	106609	89.0	66.2	38.6	98.6
					124.0	24.1	0.0	55.8

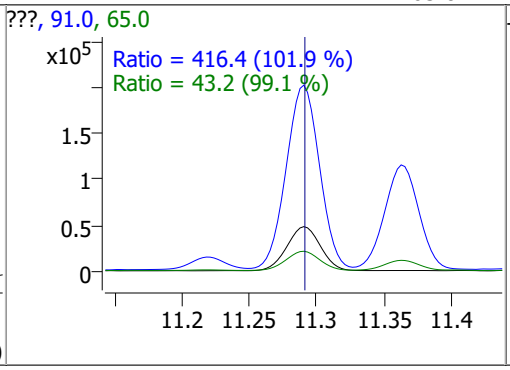


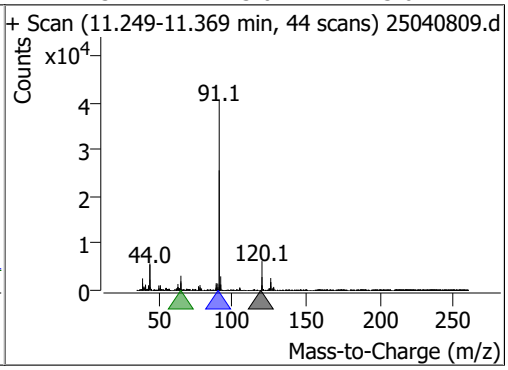




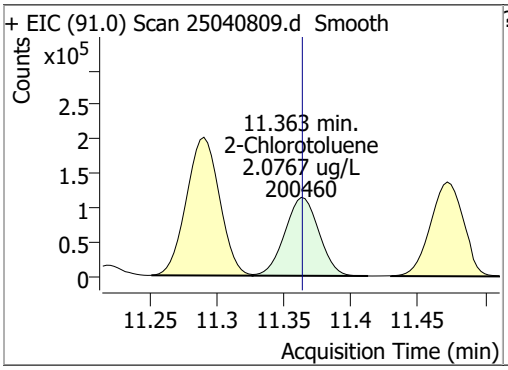
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	2.0759	11.29	0.00	83721	91.0	416.4	378.8	438.8
					65.0	43.2	13.6	73.6

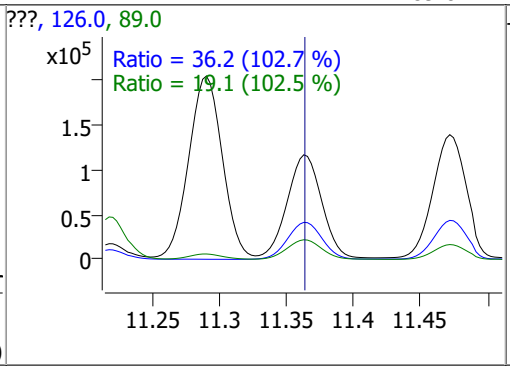


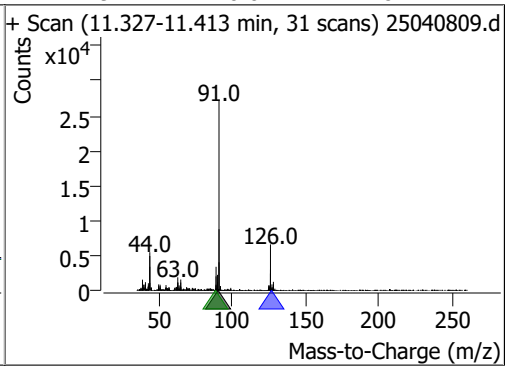




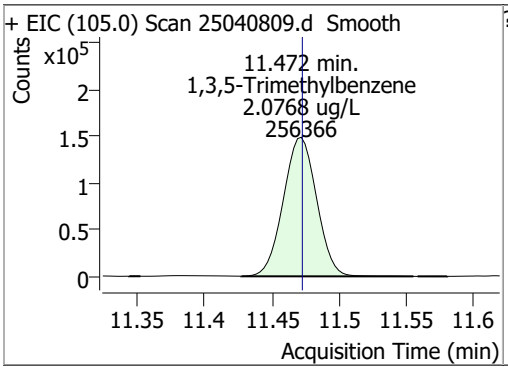
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.0767	11.36	0.00	200460	126.0	36.2	5.2	65.2
					89.0	19.1	0.0	48.7

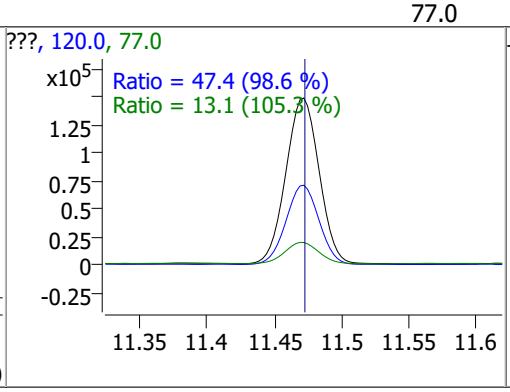


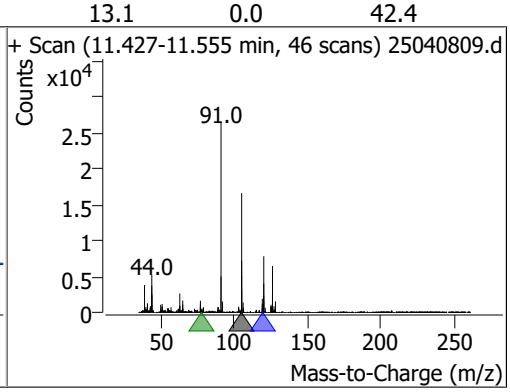




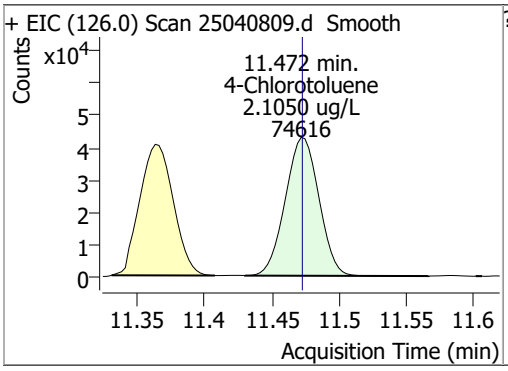
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	2.0768	11.47	0.00	256366	120.0	47.4	18.1	78.1
					77.0	13.1	0.0	42.4

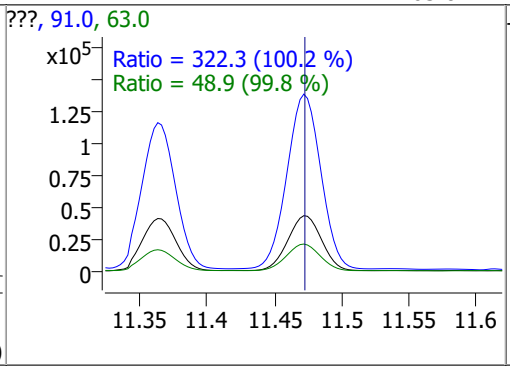


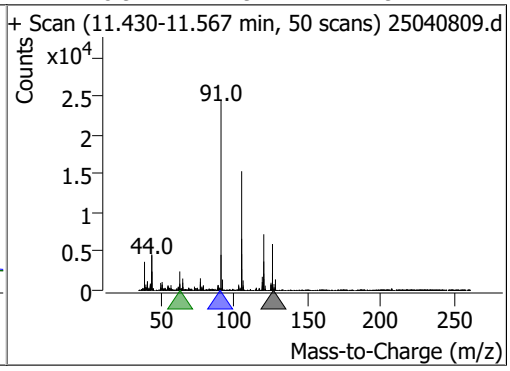




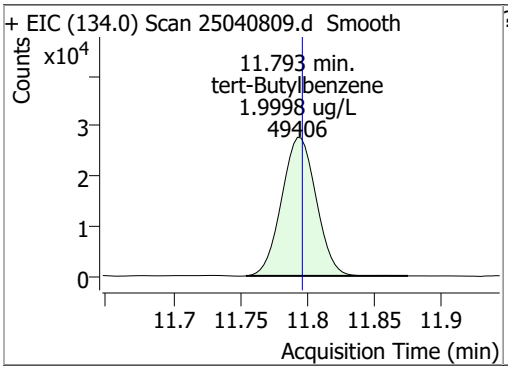
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.1050	11.47	0.00	74616	91.0	322.3	291.7	351.7
					63.0	48.9	19.1	79.1

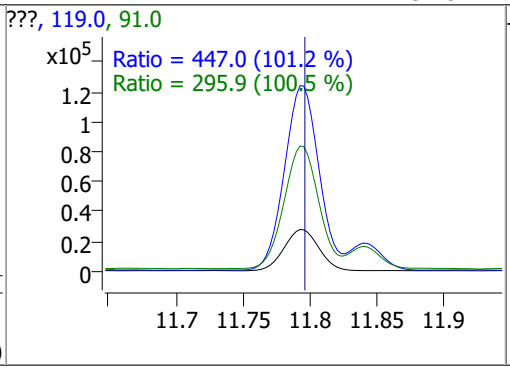


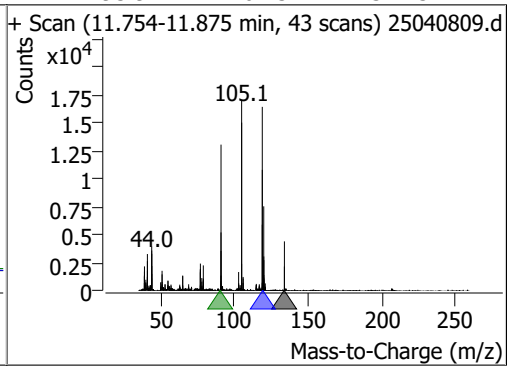




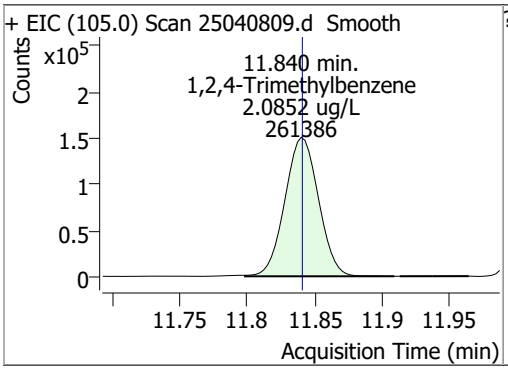
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	1.9998	11.79	0.00	49406	119.0	447.0	411.8	471.8
					91.0	295.9	264.5	324.5

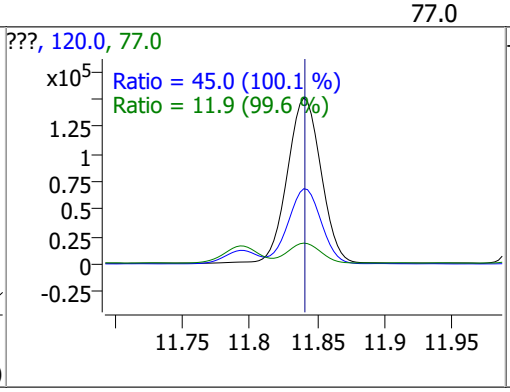


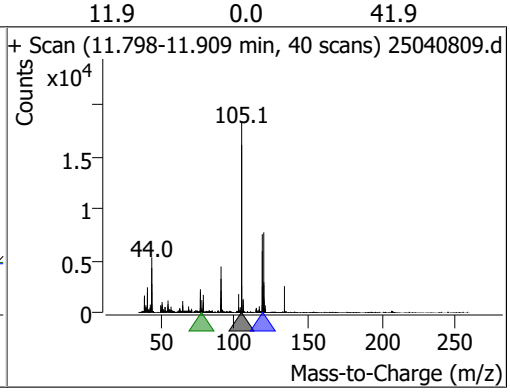




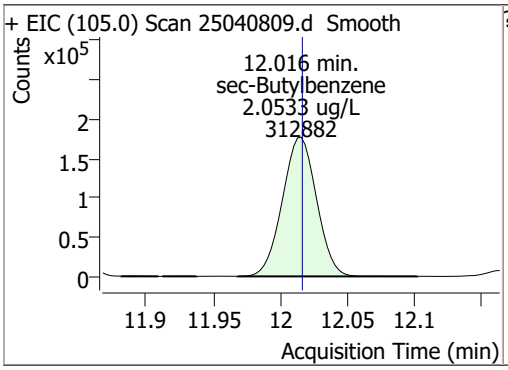
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	2.0852	11.84	0.00	261386	120.0	45.0	15.0	75.0
					77.0	11.9	0.0	41.9

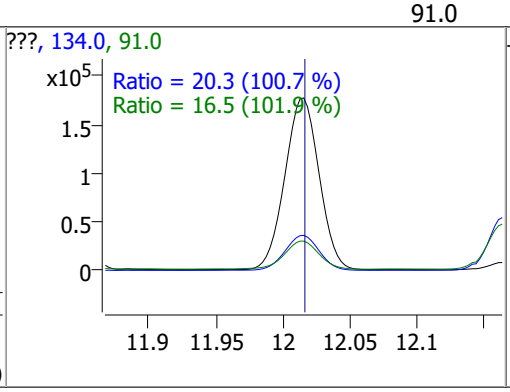


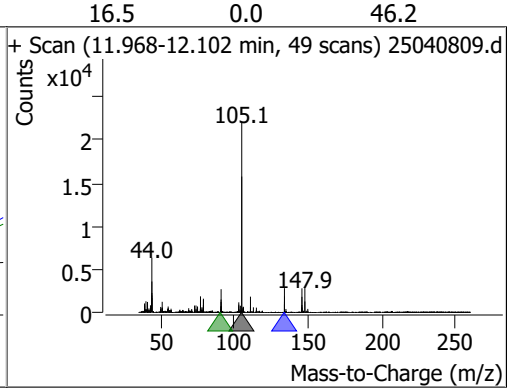




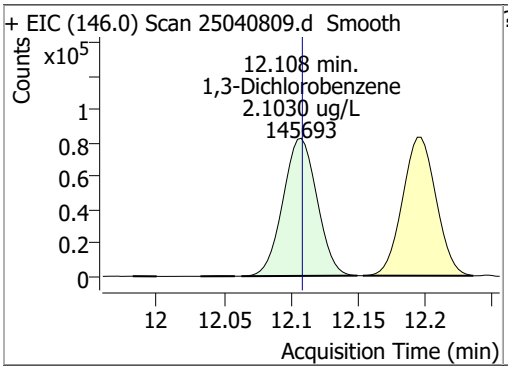
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	2.0533	12.02	0.00	312882	134.0	20.3	0.0	50.2
					91.0	16.5	0.0	46.2

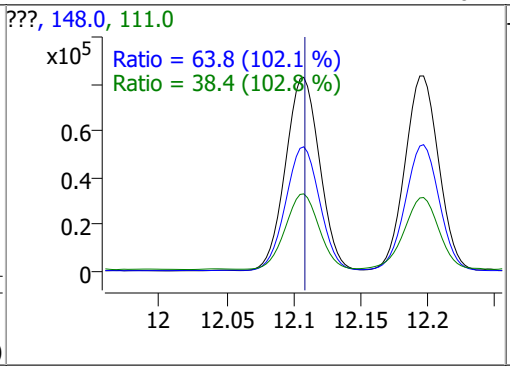


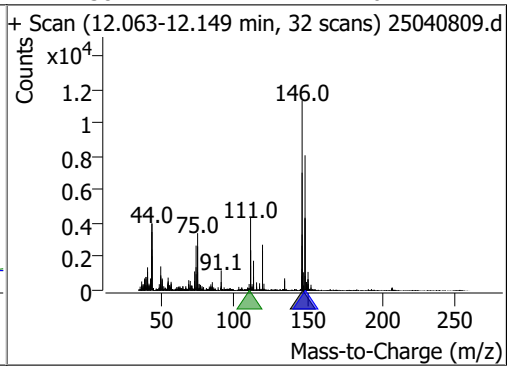




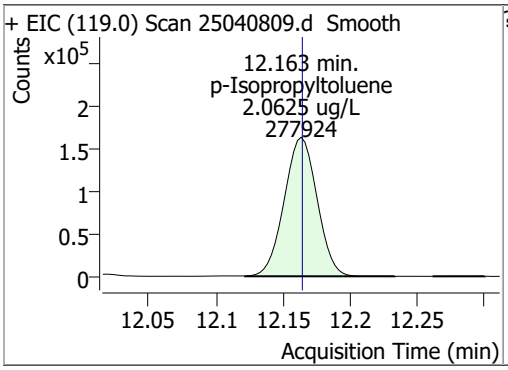
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	2.1030	12.11	0.00	145693	148.0	63.8	32.5	92.5
					111.0	38.4	7.4	67.4

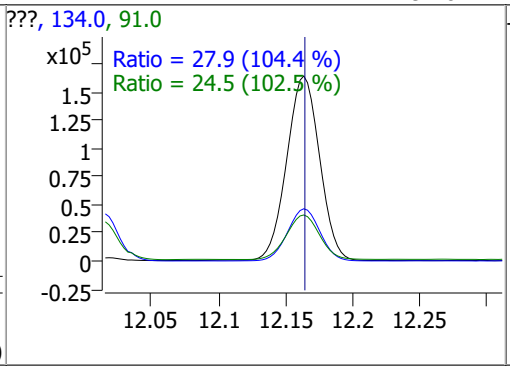


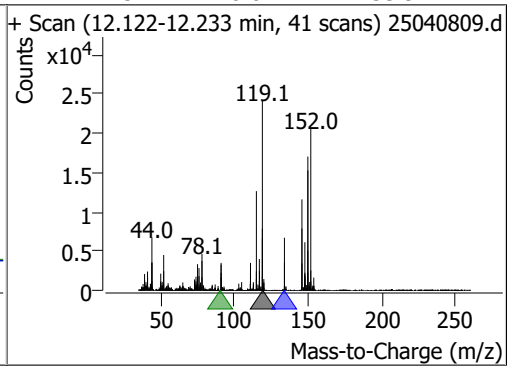




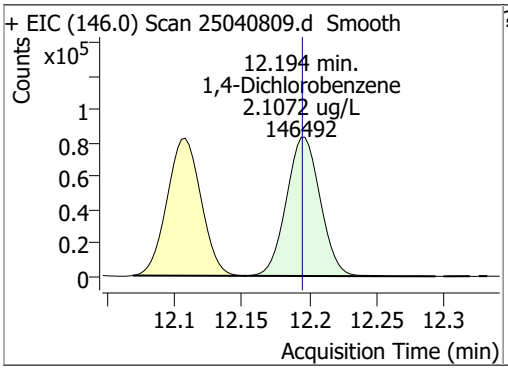
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	2.0625	12.16	0.00	277924	134.0	27.9	0.0	56.7
					91.0	24.5	0.0	53.9

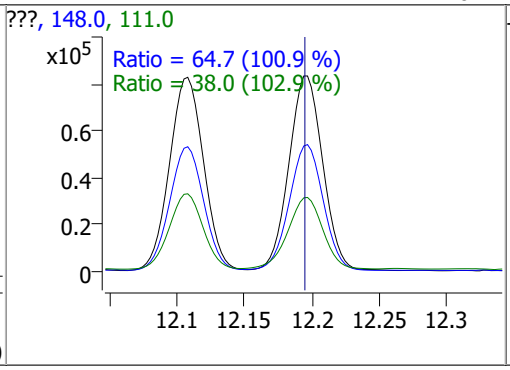


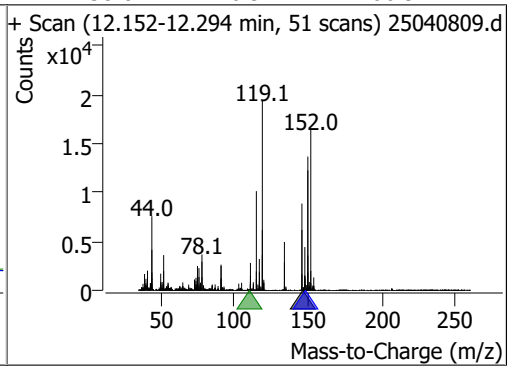




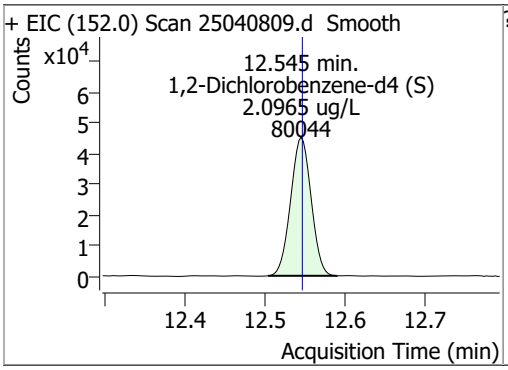
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	2.1072	12.19	0.00	146492	148.0	64.7	34.1	94.1
					111.0	38.0	6.9	66.9

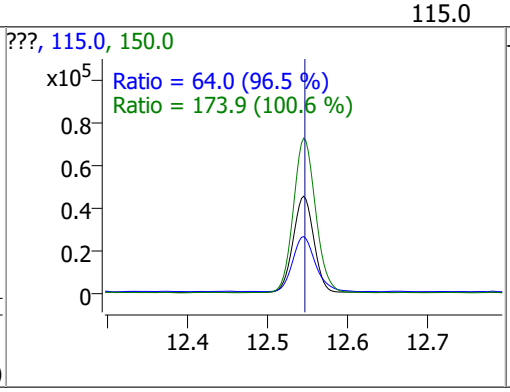


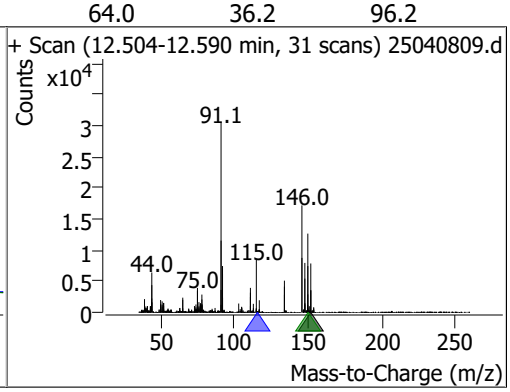




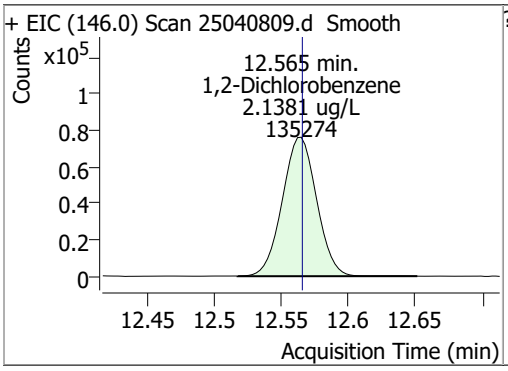
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	2.0965	12.55	0.00	80044	150.0	173.9	142.9	202.9
					115.0	64.0	36.2	96.2

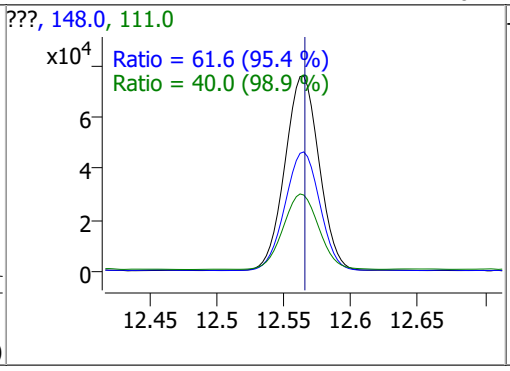


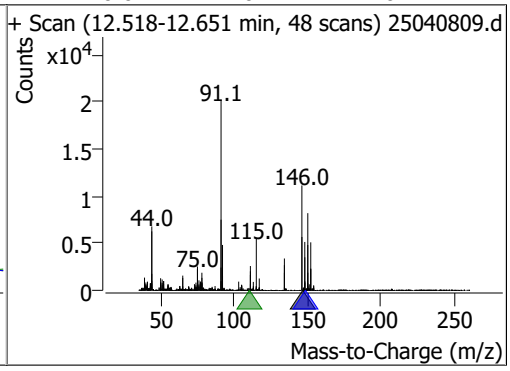




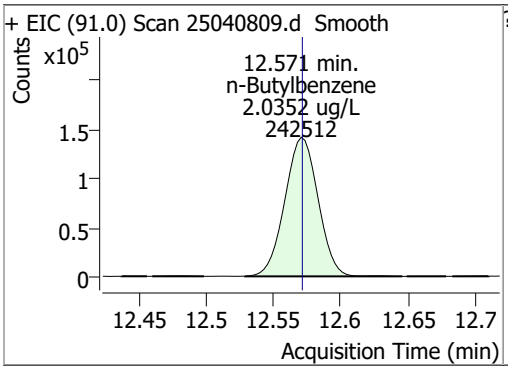
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	2.1381	12.56	0.00	135274	148.0	61.6	34.5	94.5
					111.0	40.0	10.4	70.4

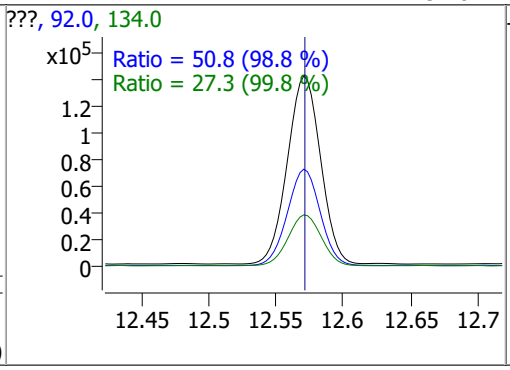


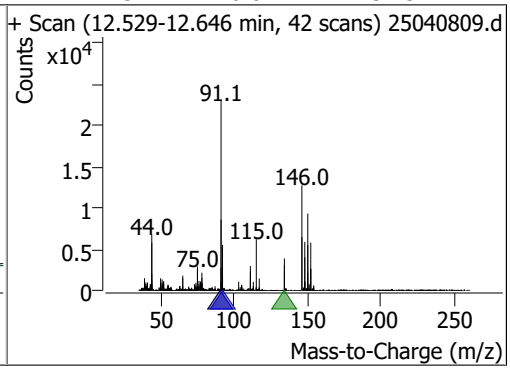




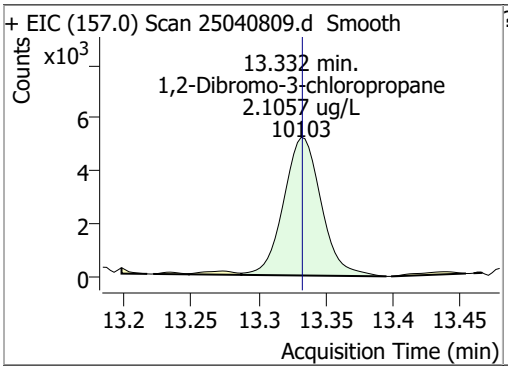
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	2.0352	12.57	0.00	242512	92.0	50.8	21.5	81.5
					134.0	27.3	0.0	57.3

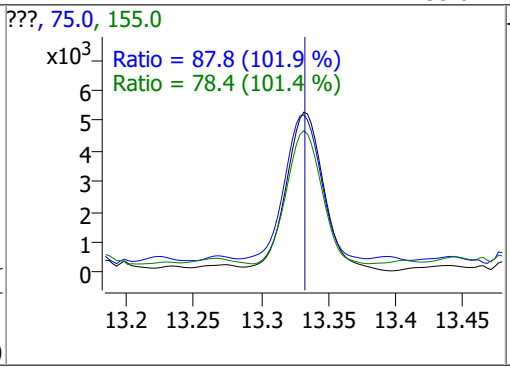


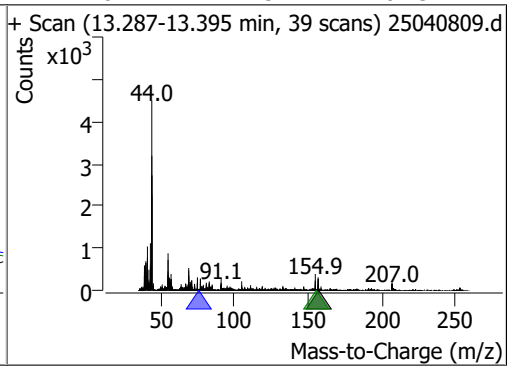




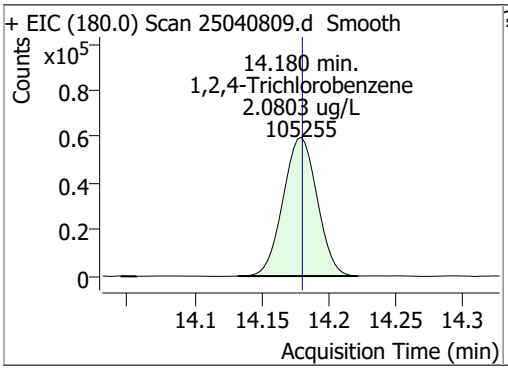
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	2.1057	13.33	0.00	10103	75.0	87.8	56.2	116.2
					155.0	78.4	47.3	107.3

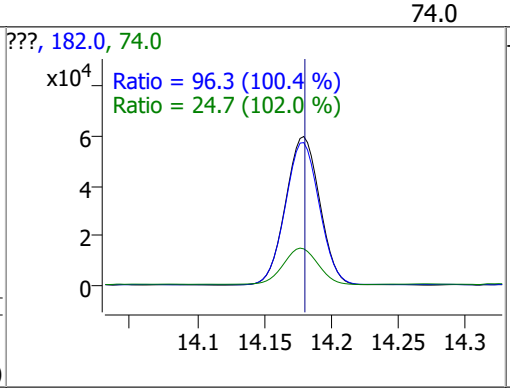


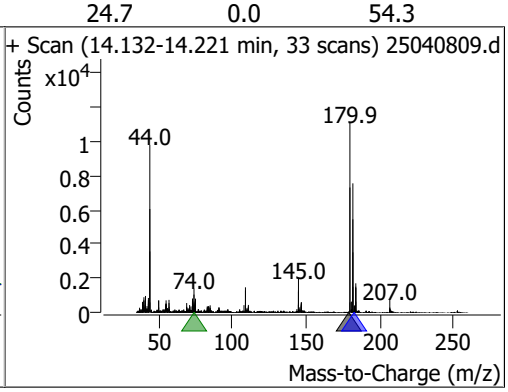




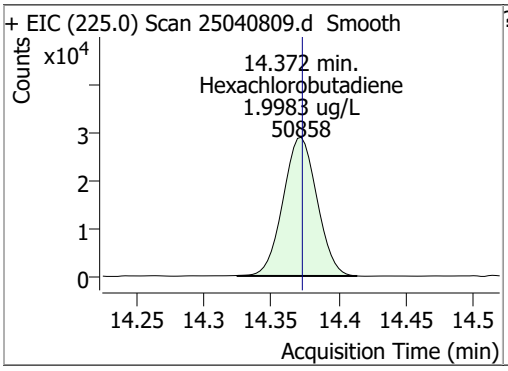
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	2.0803	14.18	0.00	105255	182.0	96.3	66.0	126.0
					74.0	24.7	0.0	54.3

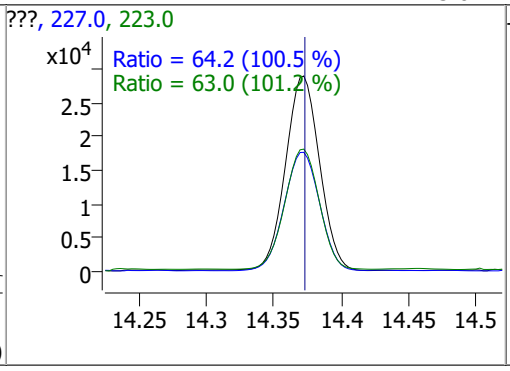


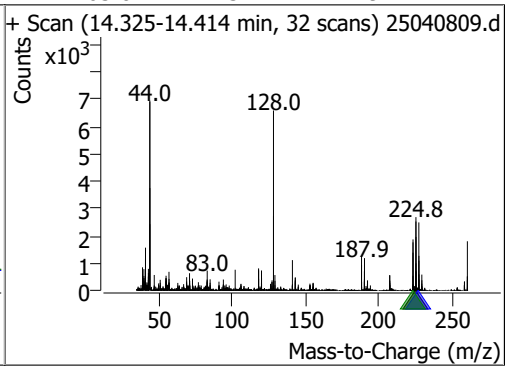




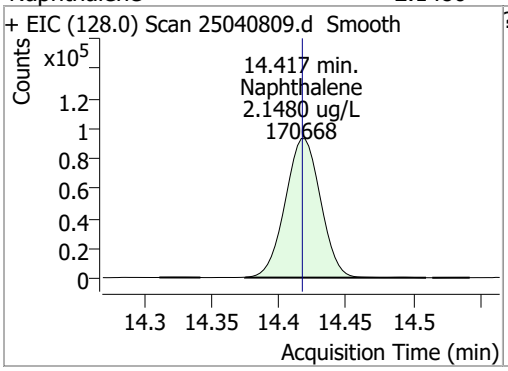
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	1.9983	14.37	0.00	50858	227.0	64.2	33.9	93.9
					223.0	63.0	32.2	92.2

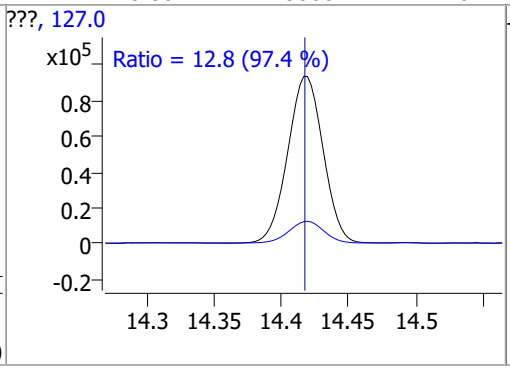


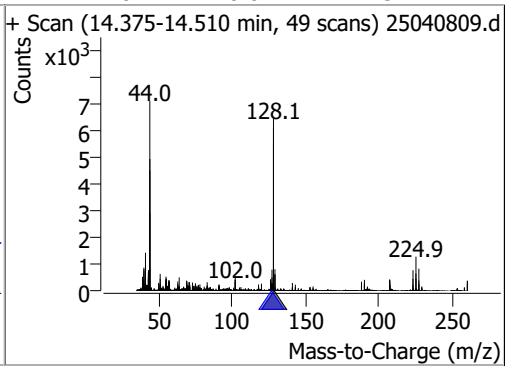




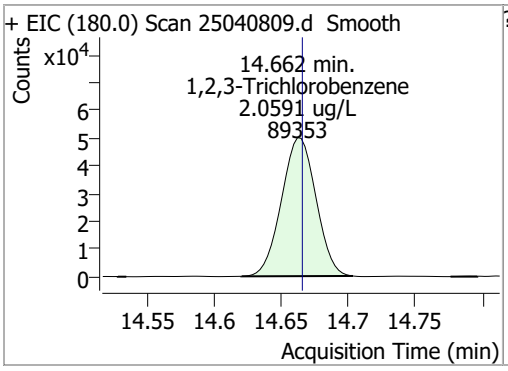
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	2.1480	14.42	0.00	170668	127.0	12.8	0.0	43.1

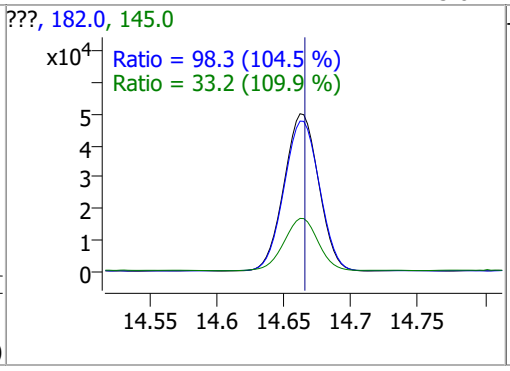


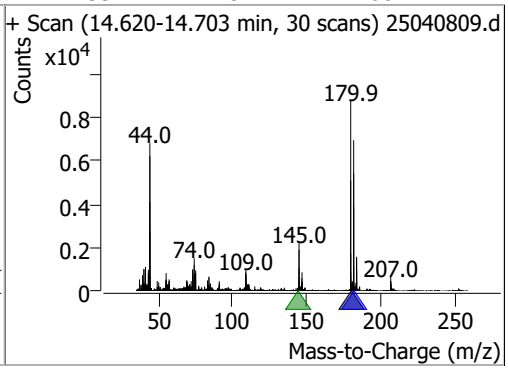




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	2.0591	14.66	0.00	89353	182.0	98.3	64.1	124.1
					145.0	33.2	0.2	60.2







Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

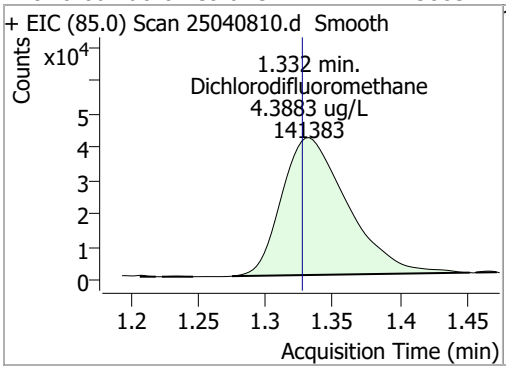
Data File	25040810.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 9:30:55 PM
Sample Name	CAL 5 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

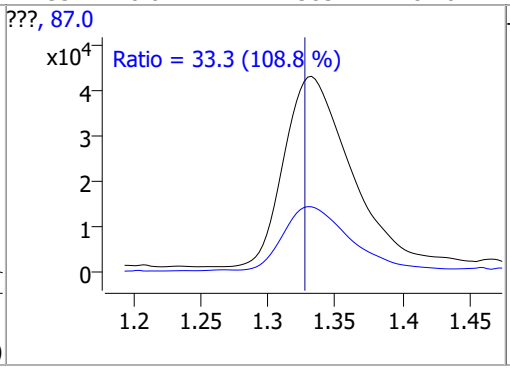
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.709		404055	4.0000	ug/L		0.003
38) Chlorobenzene-d5	9.843		301476	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		169774	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.037		329918	4.7327	ug/L		0.003
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.305		132159	4.8318	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		189748	4.7928	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.546		192719	5.0586	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.332		141383	4.3883	ug/L		95
3) Chloromethane	1.500		160196	4.7100	ug/L		99
4) Vinyl Chloride	1.603		157786	4.6808	ug/L		97
5) Bromomethane	1.907		104417	4.7467	ug/L		99
6) Chloroethane	1.988		85922	4.7655	ug/L		98
7) Trichlorofluoromethane	2.281		126366	3.5616	ug/L	#	35
9) 1,1-Dichloroethylene	2.799		194464	4.7185	ug/L		99
10) Acetone	2.916		31851	28.9087	ug/L		91
11) Iodomethane	2.958		1484024	29.7948	ug/L		99
12) Carbon Disulfide	3.036		2452362	29.3444	ug/L		100
13) Dichloromethane	3.427		157885	4.8095	ug/L		98
15) trans 1,2-Dichloroethylene	3.842		193499	4.7245	ug/L		100
16) MTBE	3.979		261606	4.7535	ug/L		99
17) 1,1-Dichloroethane	4.489		238816	4.8539	ug/L		99
18) 2,2-Dichloropropane	5.309		227219	4.7712	ug/L		99
19) cis 1,2-Dichloroethylene	5.309		149106	4.7715	ug/L		99
20) 2-Butanone (MEK)	5.426		48233	31.7122	ug/L		99
21) Bromochloromethane	5.599		103606	4.8098	ug/L		99
22) Chloroform	5.733		245096	4.7280	ug/L		99
24) 1,1,1-Trichloroethane	5.942		242450	4.7633	ug/L		99
25) 1,1-Dichloropropylene	6.143		193674	4.7250	ug/L		99
26) Carbon Tetrachloride	6.143		223451	4.6568	ug/L		98
28) Benzene	6.374		550545	4.7572	ug/L		98
29) 1,2-Dichloroethane	6.394		168424	4.9118	ug/L		99
30) Trichloroethylene	7.116		166436	4.7822	ug/L		99
31) 1,2-Dichloropropane	7.345		139914	4.7237	ug/L		100
32) Dibromomethane	7.459		82330	4.8858	ug/L		98
33) Methyl Methacrylate	7.551		509698	30.7834	ug/L		99
34) Bromodichloromethane	7.646		179065	4.7786	ug/L		100
36) cis 1,3-Dichloropropylene	8.123		214755	4.7789	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.338		462666	30.3910	ug/L		100

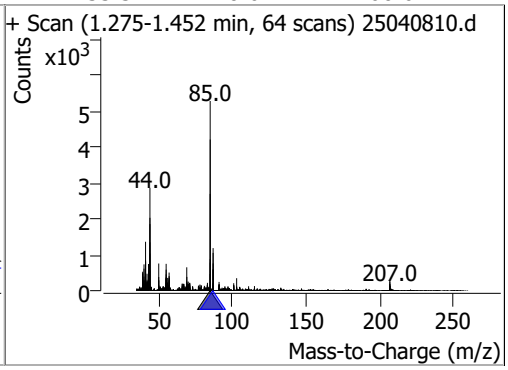
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.466		622937	4.7545	ug/L		99
40) trans 1,3-Dichloropropylene	8.692		184201	4.8459	ug/L		98
41) 1,1,2-trichloroethane	8.870		95022	4.9381	ug/L		99
42) Tetrachloroethylene	9.024		184551	4.7249	ug/L		99
43) 1,3-Dichloropropane	9.035		159218	4.9158	ug/L		98
44) 2-Hexanone	9.177		313702	30.5346	ug/L		99
45) Dibromochloromethane	9.255		125610	4.8368	ug/L		98
46) 1,2-Dibromoethane (EDB)	9.361		93325	4.9657	ug/L		98
47) Chlorobenzene	9.871		393924	4.7888	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958		147845	4.7560	ug/L		98
49) Ethylbenzene	9.994		708599	4.8248	ug/L		99
50) m,p-Xylenes	10.114		568734	4.8353	ug/L		98
51) o-Xylene	10.504		571374	4.8568	ug/L		100
52) Styrene	10.516		437710	4.8626	ug/L		99
53) Bromoform	10.677		80869	4.9221	ug/L		98
54) Isopropylbenzene	10.881		713860	4.8030	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.157		104512	5.1704	ug/L		99
57) Bromobenzene	11.160		181449	5.0552	ug/L		97
59) 1,2,3-Trichloropropane	11.199		28975	4.8630	ug/L	#	40
60) trans-1,4-Dichloro-2-butene	11.218		154568	31.4190	ug/L		100
61) n-Propylbenzene	11.291		198454	4.9314	ug/L		98
62) 2-Chlorotoluene	11.363		484751	5.0328	ug/L		100
63) 1,3,5-Trimethylbenzene	11.472		620953	5.0412	ug/L		100
64) 4-Chlorotoluene	11.472		177023	5.0049	ug/L		99
65) tert-Butylbenzene	11.796		120225	4.8768	ug/L		99
66) 1,2,4-Trimethylbenzene	11.840		620732	4.9625	ug/L		100
67) sec-Butylbenzene	12.013		745720	4.9043	ug/L		99
68) 1,3-Dichlorobenzene	12.108		347326	5.0244	ug/L		98
69) p-Isopropyltoluene	12.164		667904	4.9672	ug/L		100
70) 1,4-Dichlorobenzene	12.194		341709	4.9259	ug/L		98
73) 1,2-Dichlorobenzene	12.562		319430	5.0597	ug/L		99
71) n-Butylbenzene	12.571		593086	4.9882	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		24479	5.1128	ug/L		96
75) 1,2,4-Trichlorobenzene	14.180		251981	4.9910	ug/L		99
76) Hexachlorobutadiene	14.369		119373	4.7005	ug/L		99
77) Naphthalene	14.417		408340	5.1505	ug/L		99
78) 1,2,3-Trichlorobenzene	14.662		219948	5.0796	ug/L		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

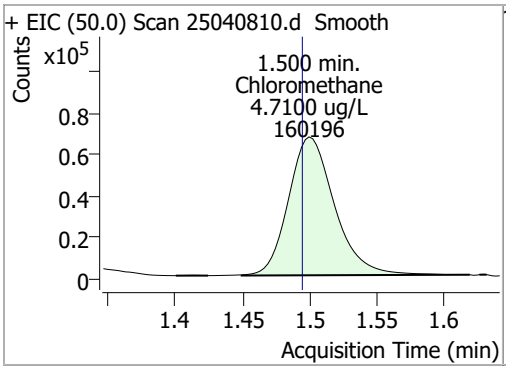
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	4.3883	1.33	0.01	141383	87.0	33.3	0.6	60.6

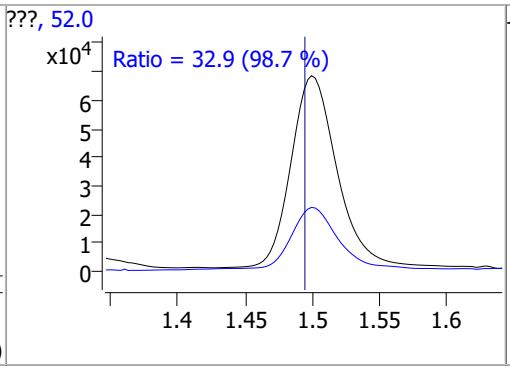


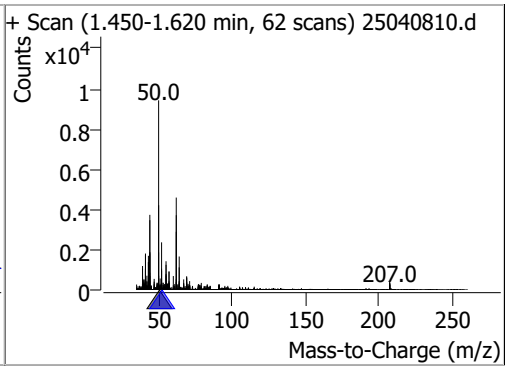




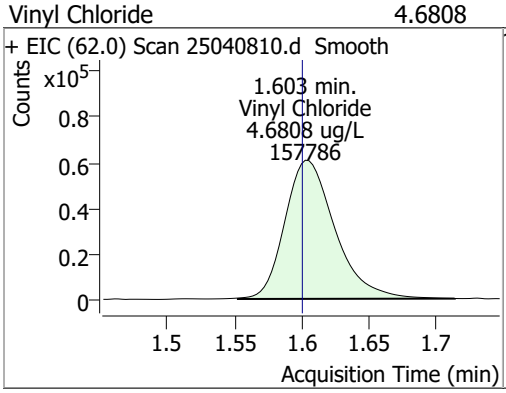
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	4.7100	1.50	0.01	160196	52.0	32.9	3.4	63.4

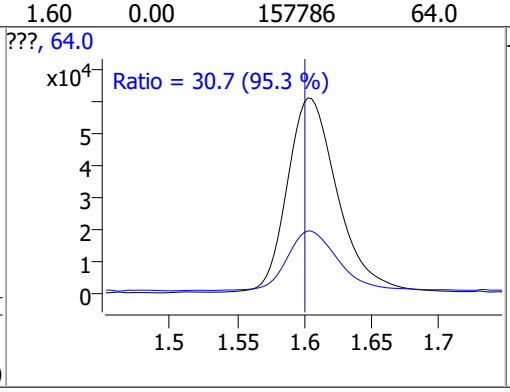


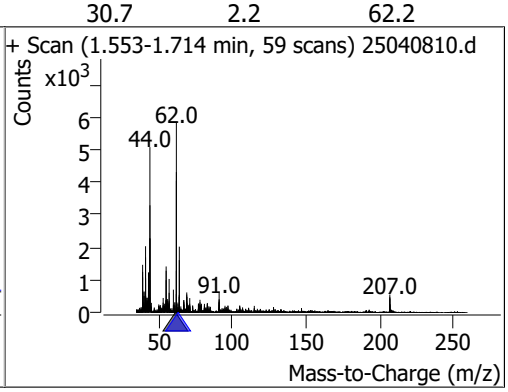




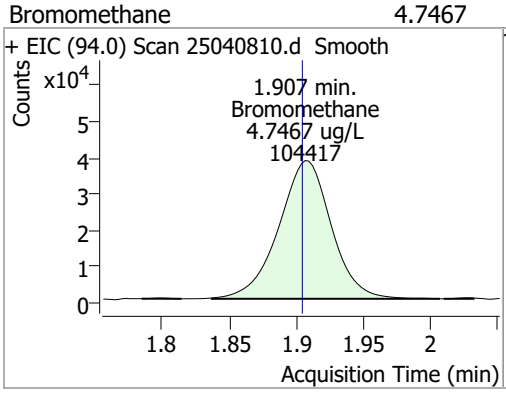
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	4.6808	1.60	0.00	157786	64.0	30.7	2.2	62.2

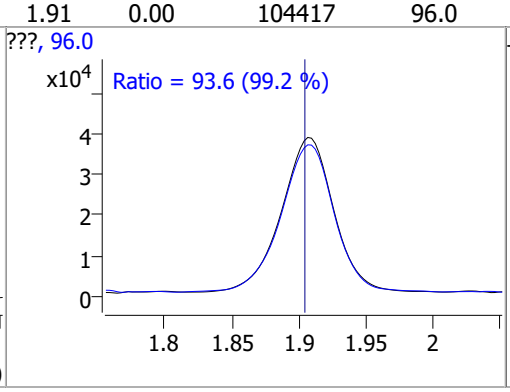


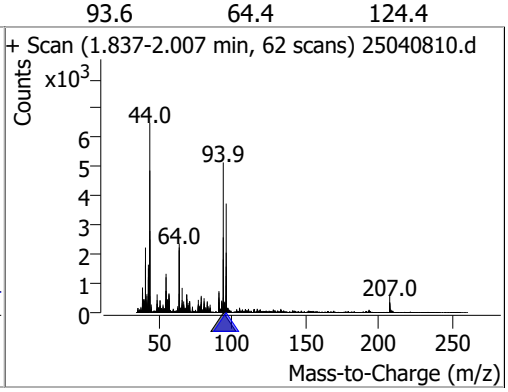




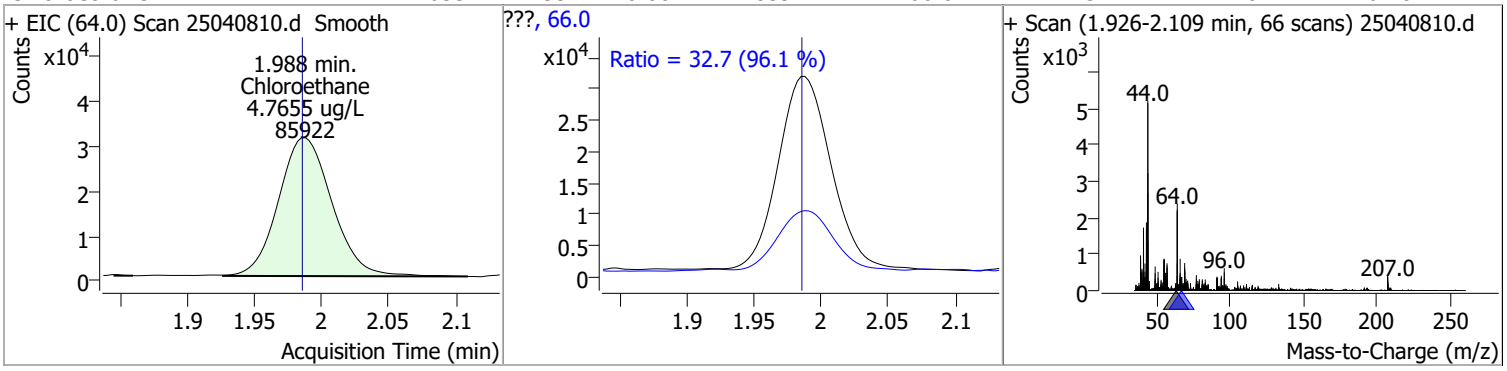
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	4.7467	1.91	0.00	104417	96.0	93.6	64.4	124.4



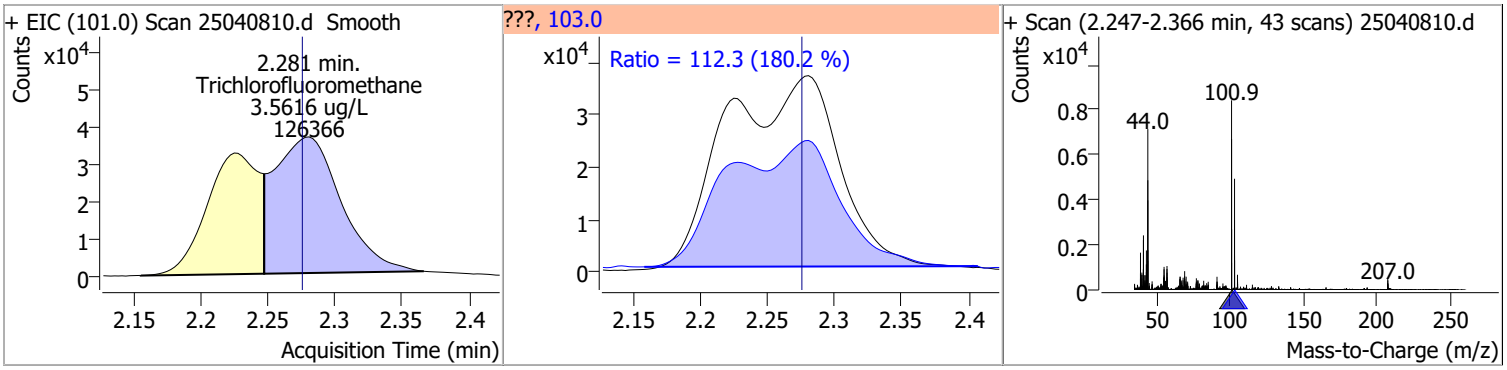




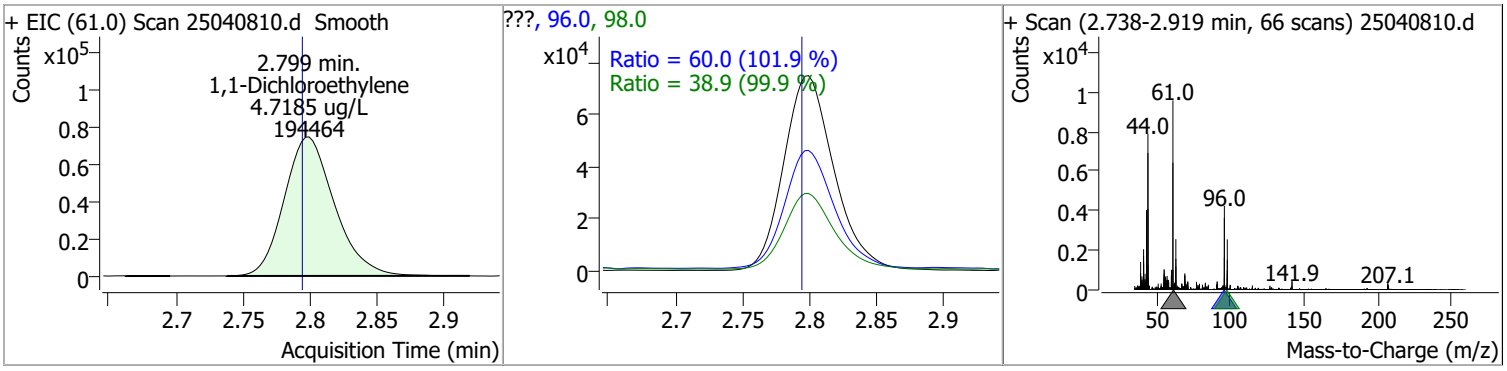
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	4.7655	1.99	0.00	85922	66.0	32.7	4.0	64.0



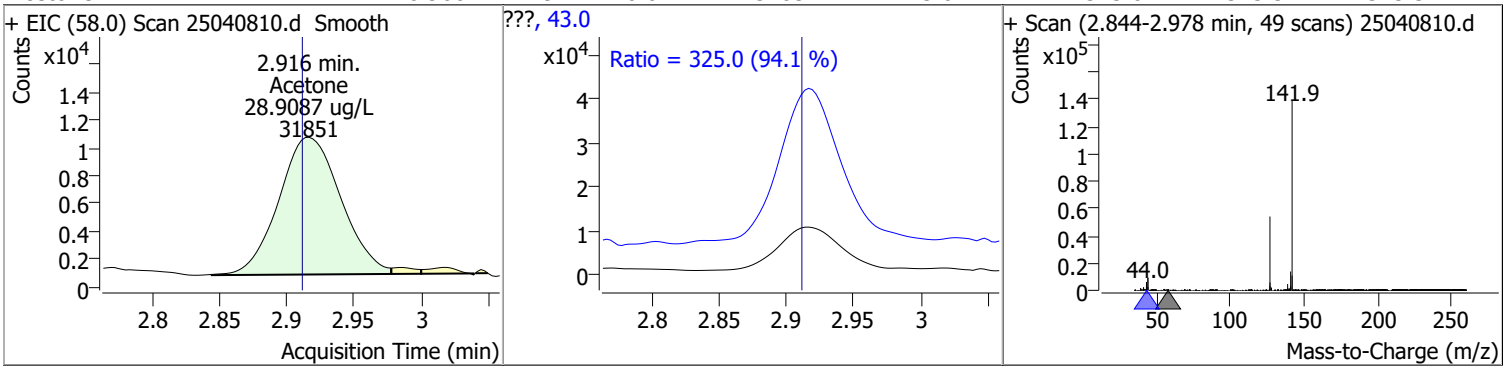
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	3.5616	2.28	0.01	126366	103.0	112.3	32.3	92.3



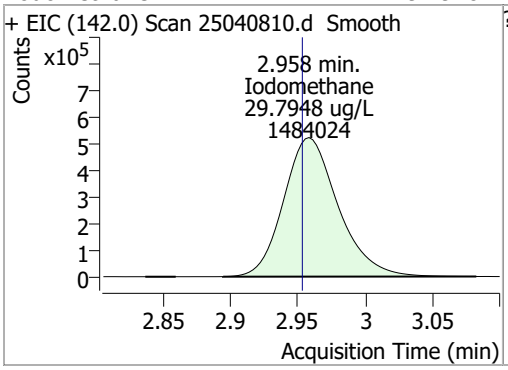
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	4.7185	2.80	0.01	194464	96.0	60.0	28.9	88.9
					98.0	38.9	8.9	68.9

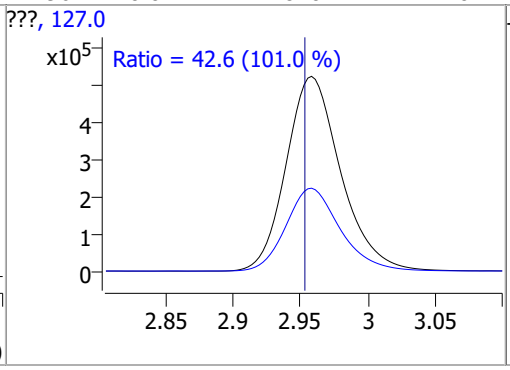


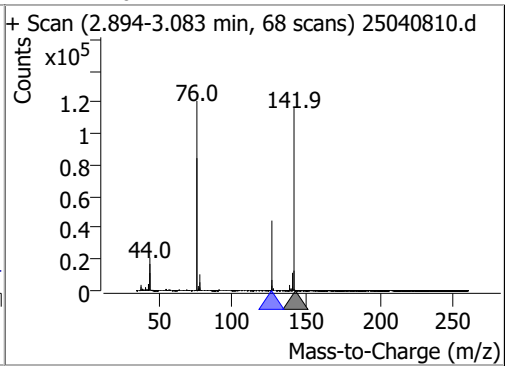
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	28.9087	2.92	0.01	31851	43.0	325.0	315.3	375.3



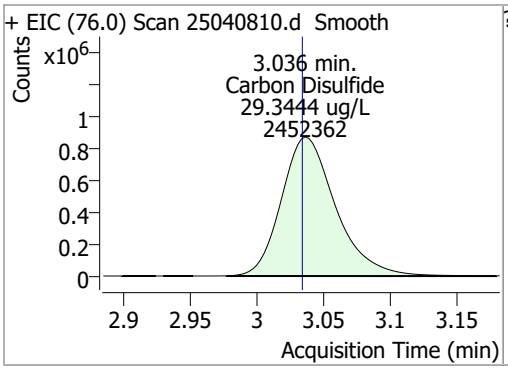
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	29.7948	2.96	0.01	1484024	127.0	42.6	12.1	72.1

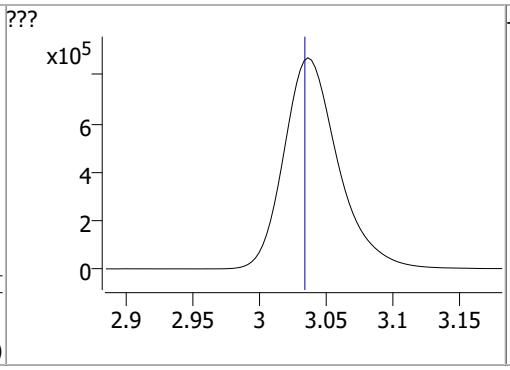


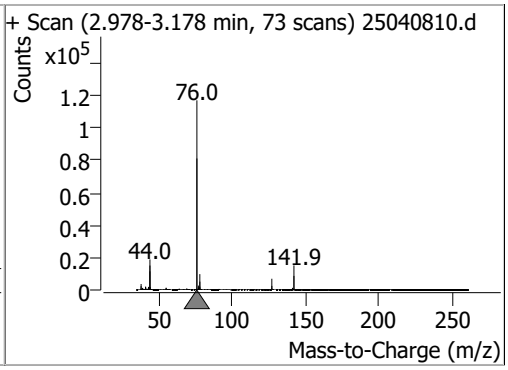




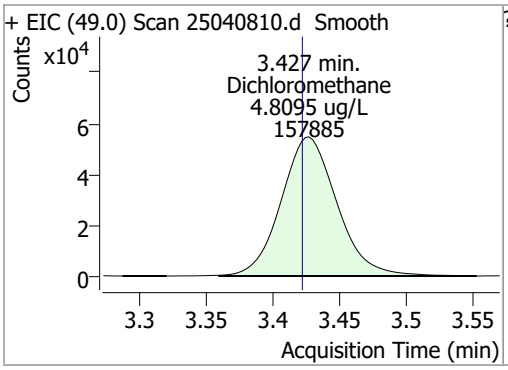
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	29.3444	3.04	0.00	2452362				

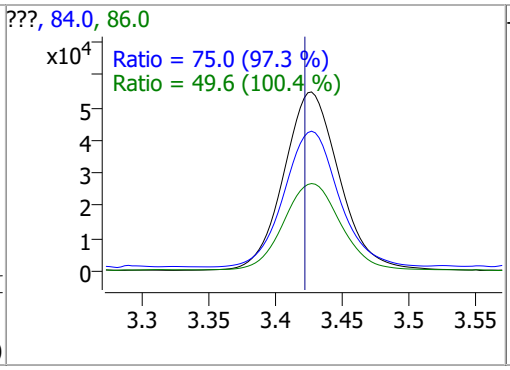


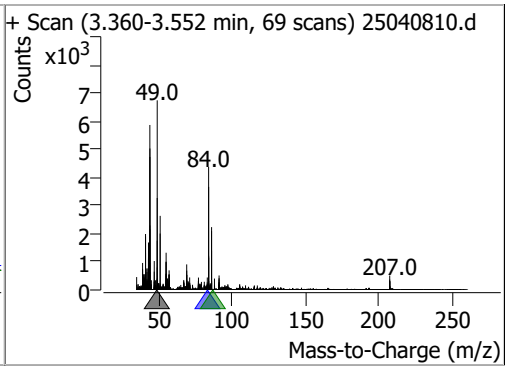




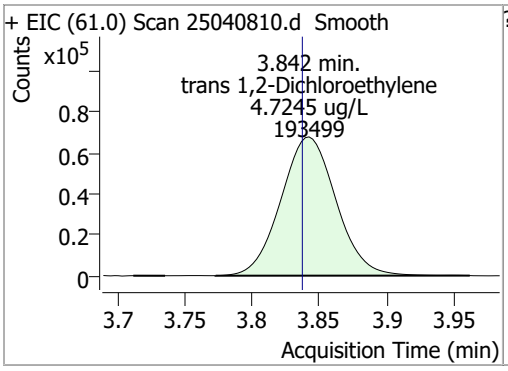
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	4.8095	3.43	0.01	157885	84.0	75.0	47.1	107.1
					86.0	49.6	19.4	79.4

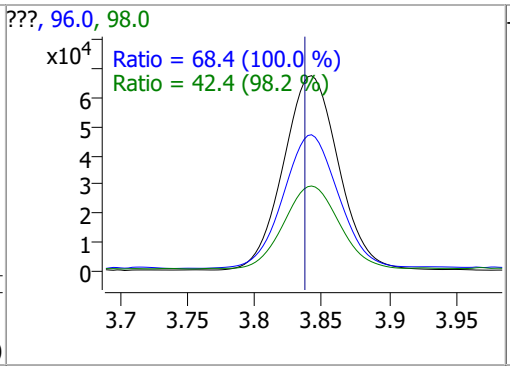


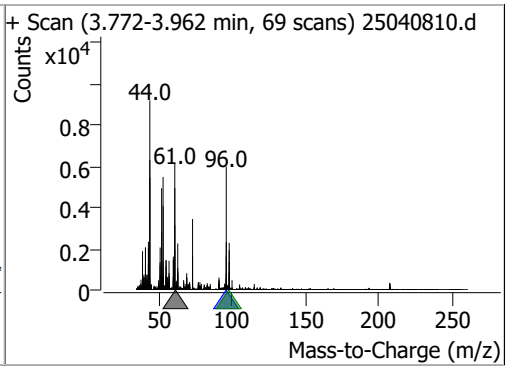




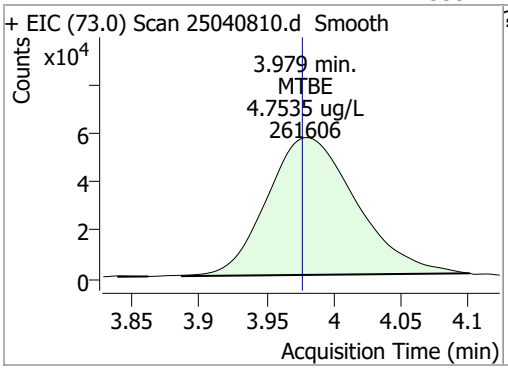
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	4.7245	3.84	0.01	193499	96.0	68.4	38.4	98.4
					98.0	42.4	13.2	73.2

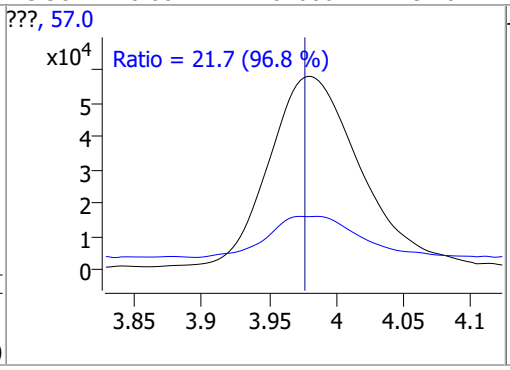


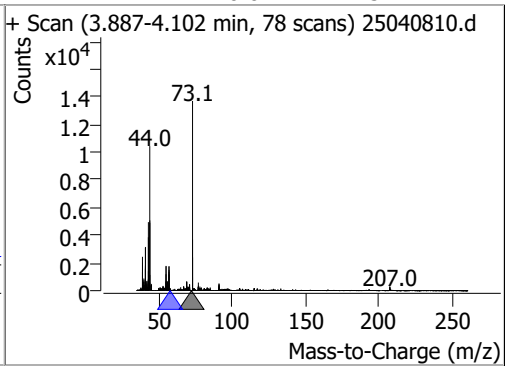




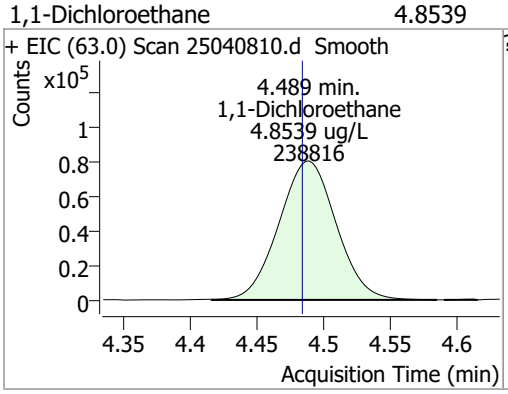
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	4.7535	3.98	0.00	261606	57.0	21.7	0.0	52.4

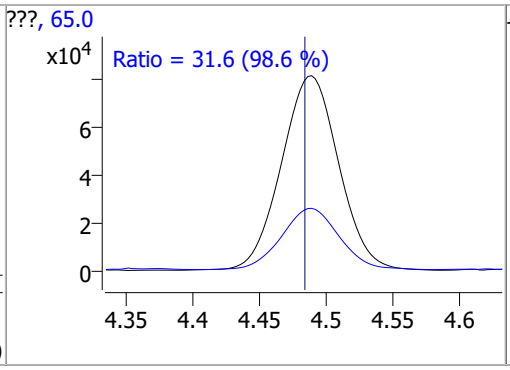


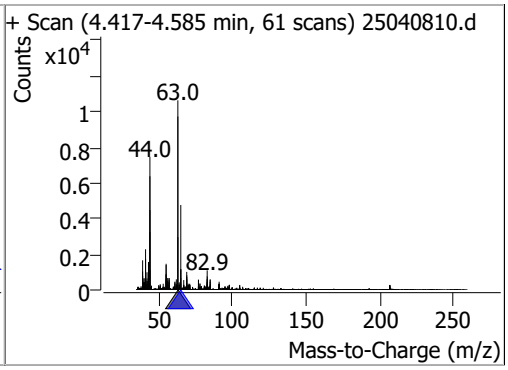




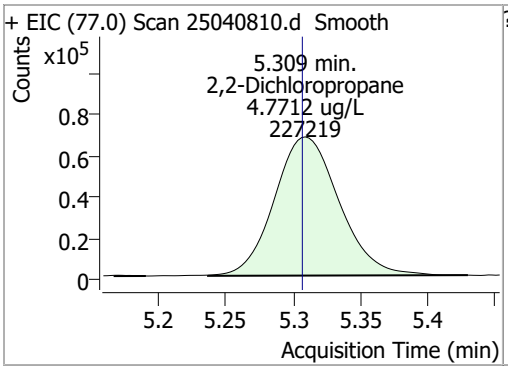
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	4.8539	4.49	0.01	238816	65.0	31.6	2.0	62.0

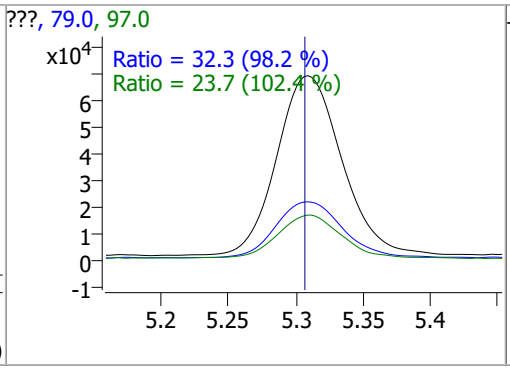


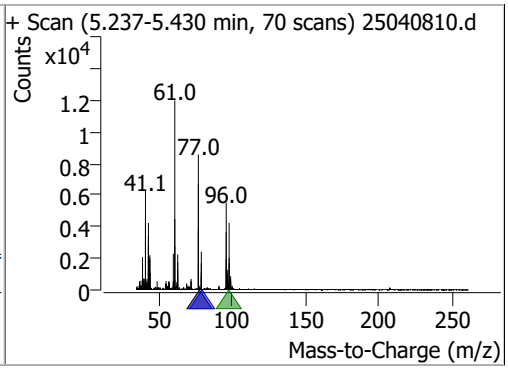




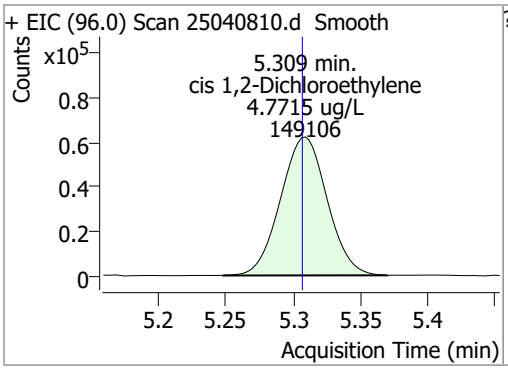
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	4.7712	5.31	0.00	227219	79.0	32.3	2.9	62.9
					97.0	23.7	0.0	53.1

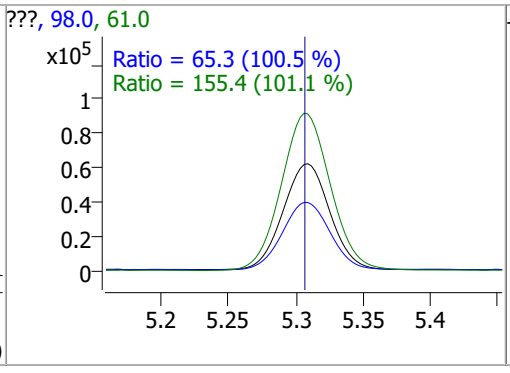


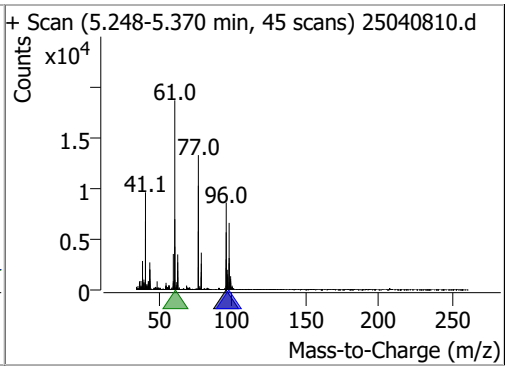




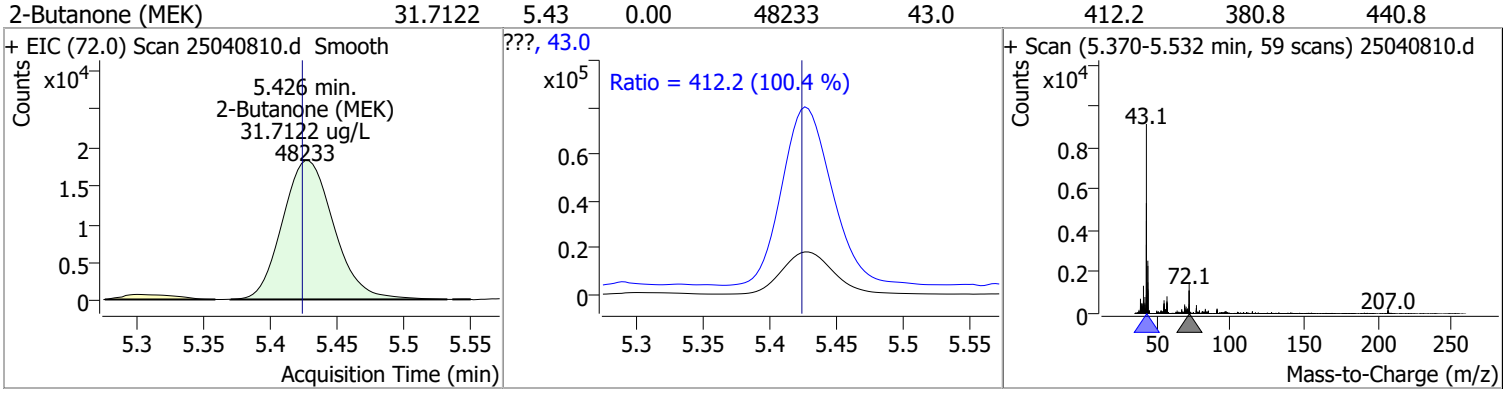
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	4.7715	5.31	0.00	149106	61.0	155.4	123.8	183.8
					98.0	65.3	35.0	95.0



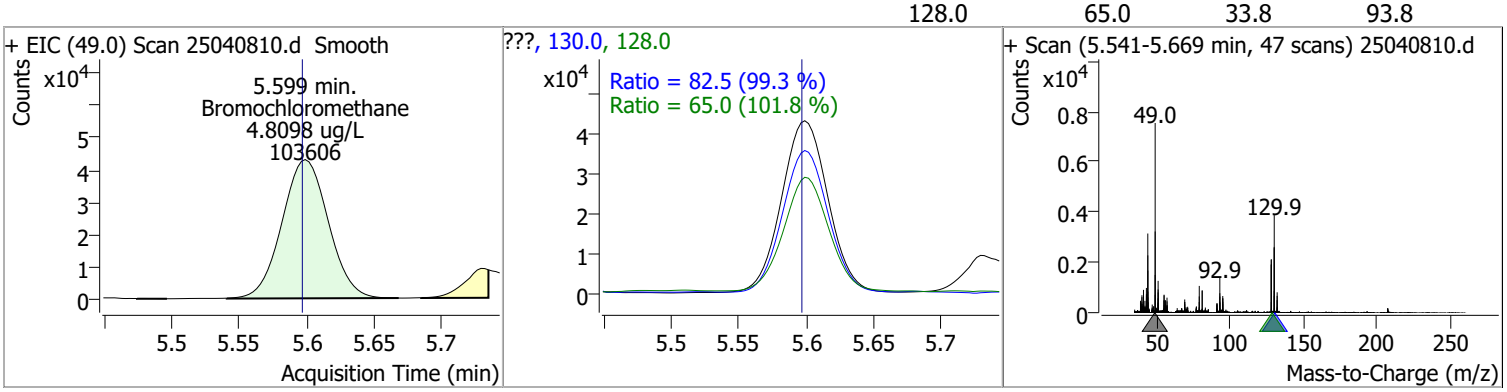




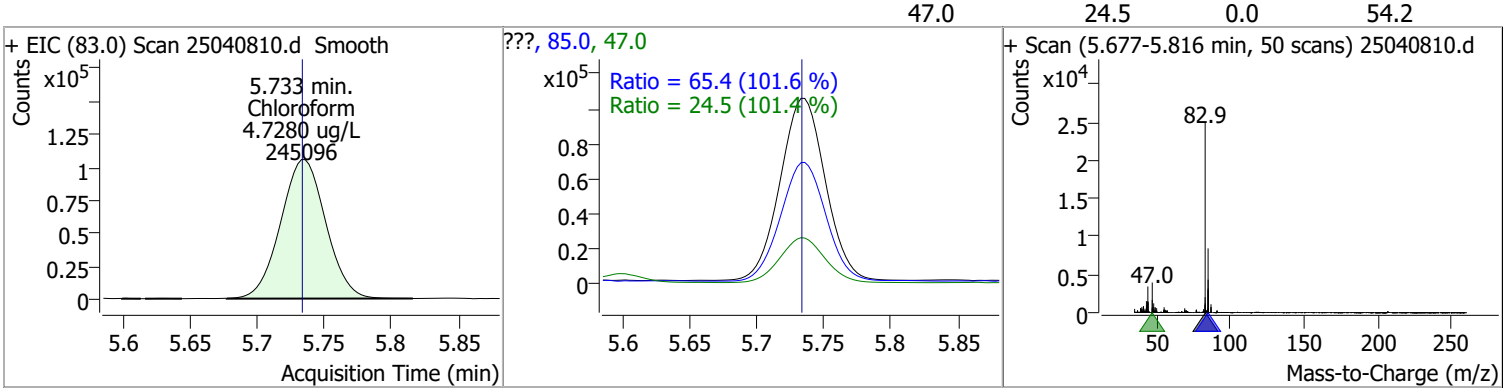
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	31.7122	5.43	0.00	48233	43.0	412.2	380.8	440.8



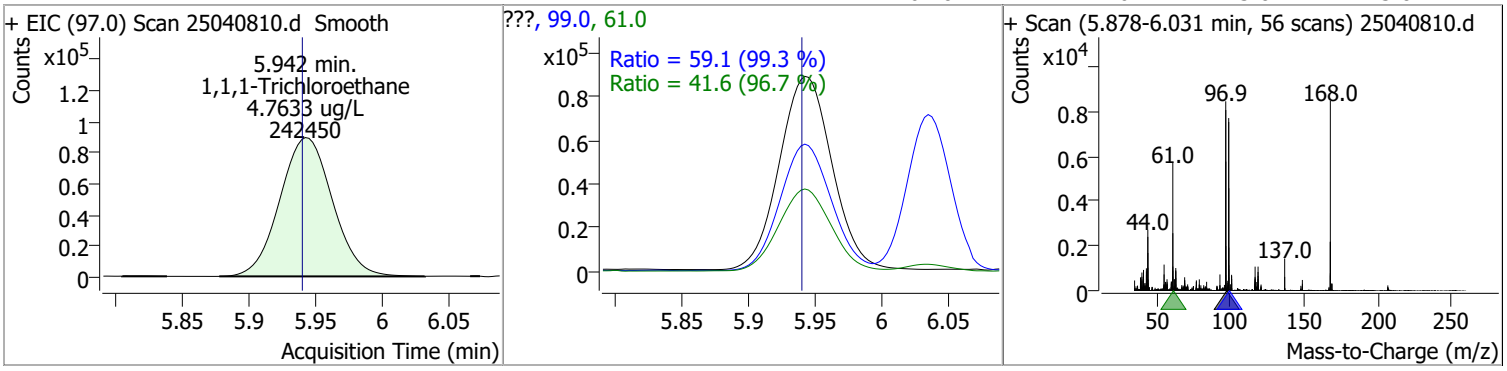
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	4.8098	5.60	0.00	103606	130.0	82.5	53.1	113.1
					128.0	65.0	33.8	93.8



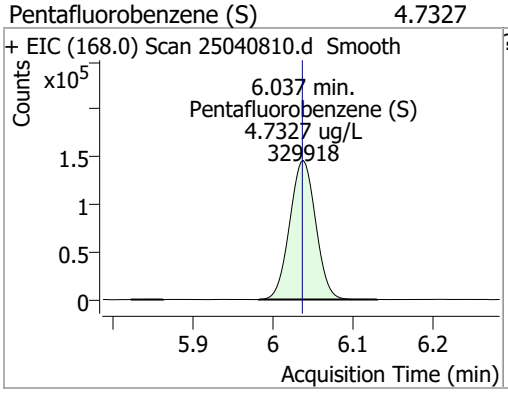
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	4.7280	5.73	0.00	245096	85.0	65.4	34.4	94.4
					47.0	24.5	0.0	54.2

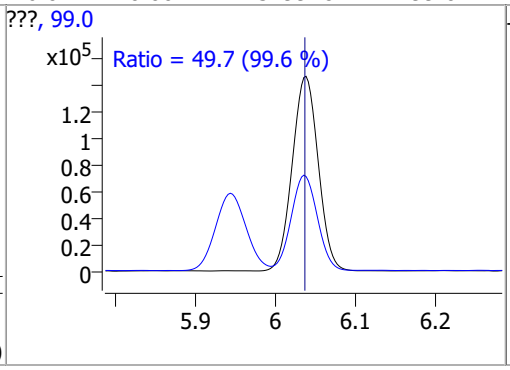


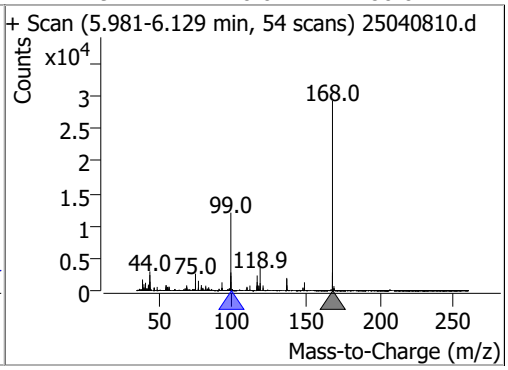
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	4.7633	5.94	0.00	242450	99.0	59.1	29.6	89.6
					61.0	41.6	13.0	73.0



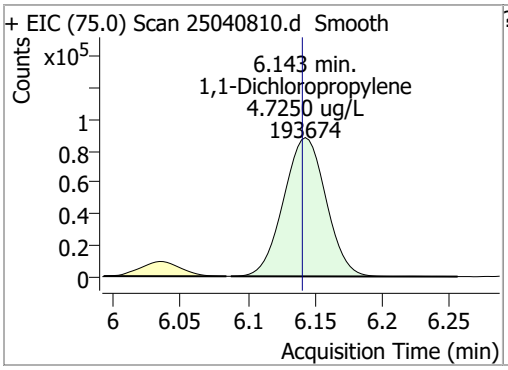
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	4.7327	6.04	0.00	329918	99.0	49.7	20.0	80.0

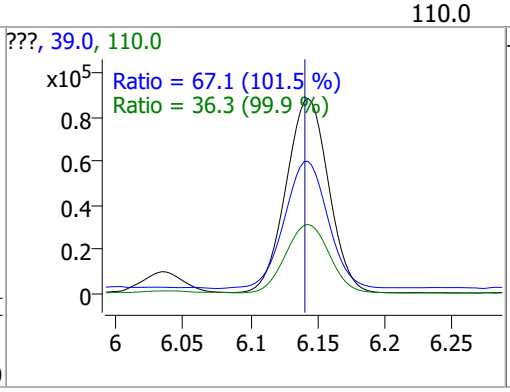


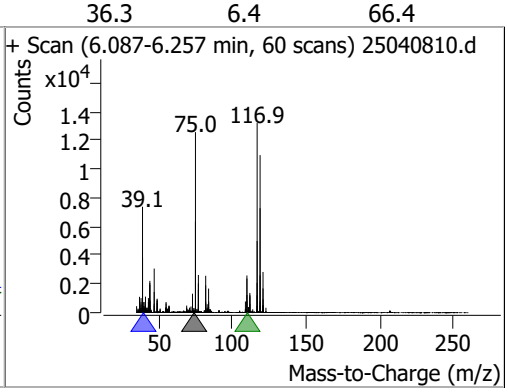




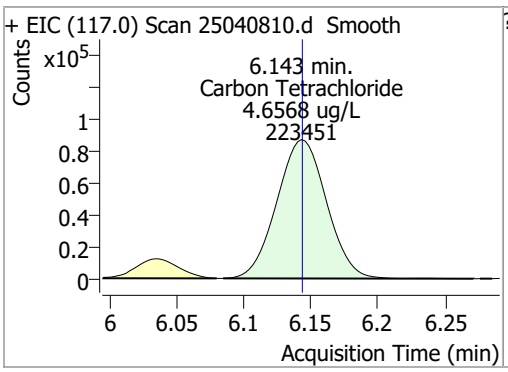
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	4.7250	6.14	0.00	193674	39.0	67.1	36.1	96.1
					110.0	36.3	6.4	66.4

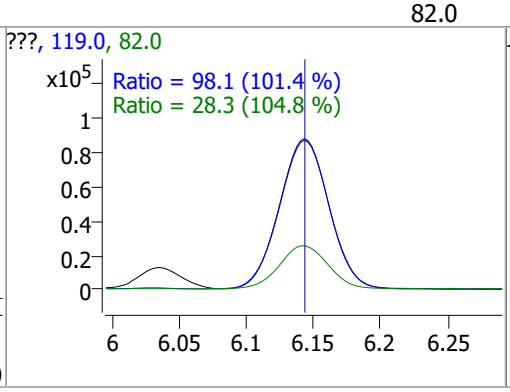


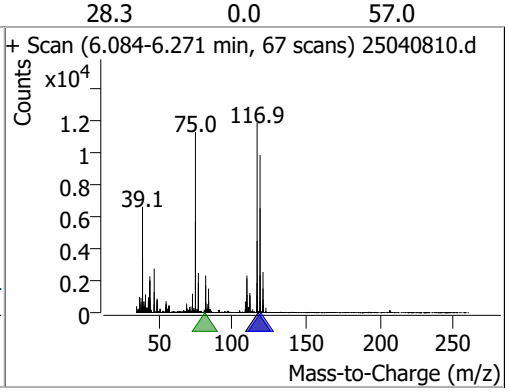




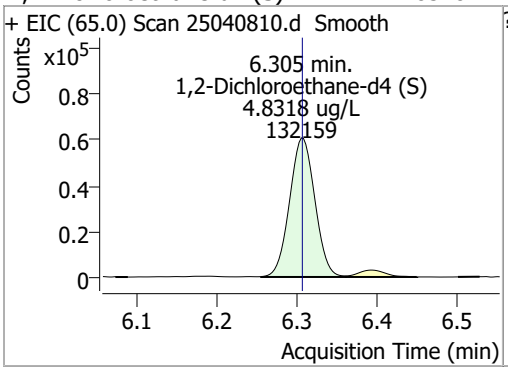
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	4.6568	6.14	0.00	223451	119.0	98.1	66.7	126.7
					82.0	28.3	0.0	57.0

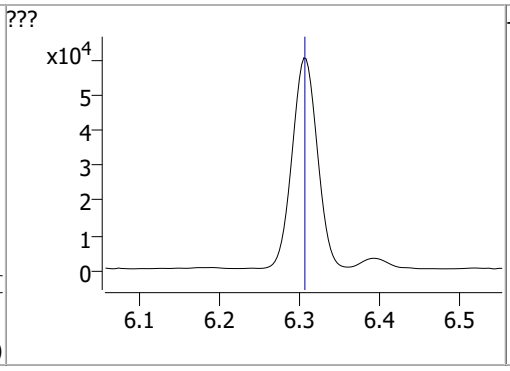


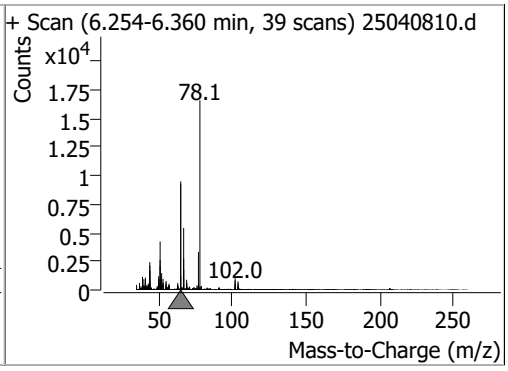




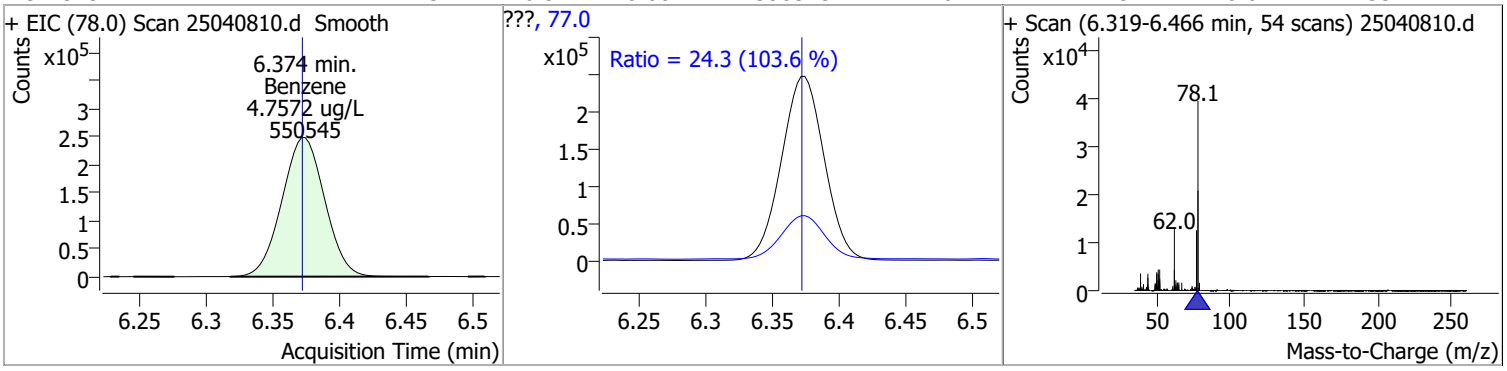
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	4.8318	6.30	0.00	132159				



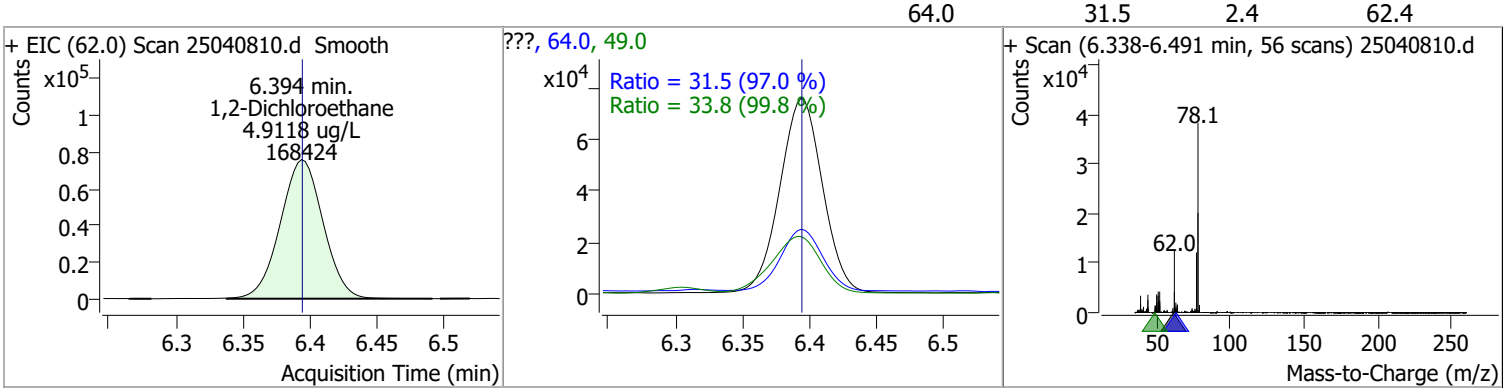




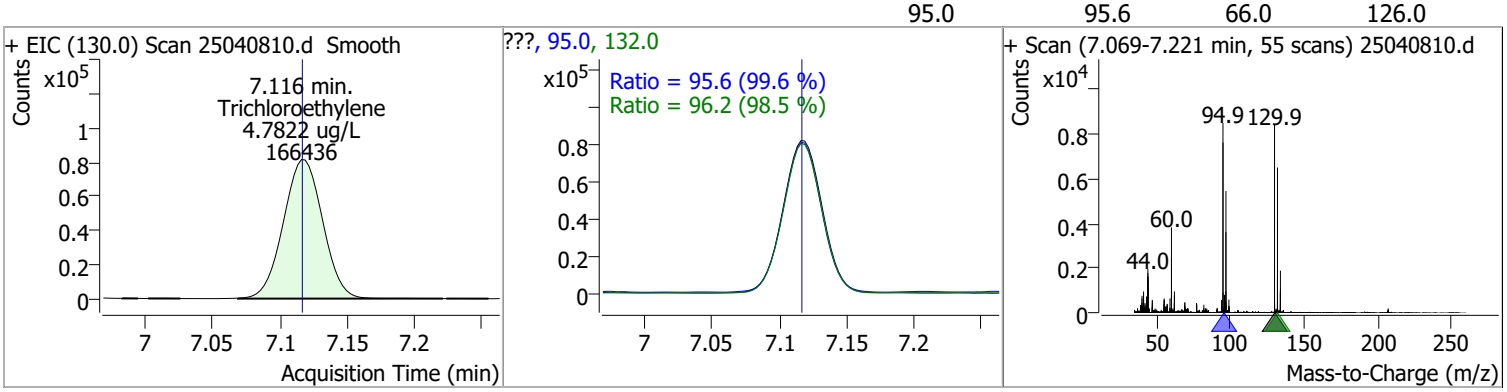
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	4.7572	6.37	0.00	550545	77.0	24.3	0.0	53.4



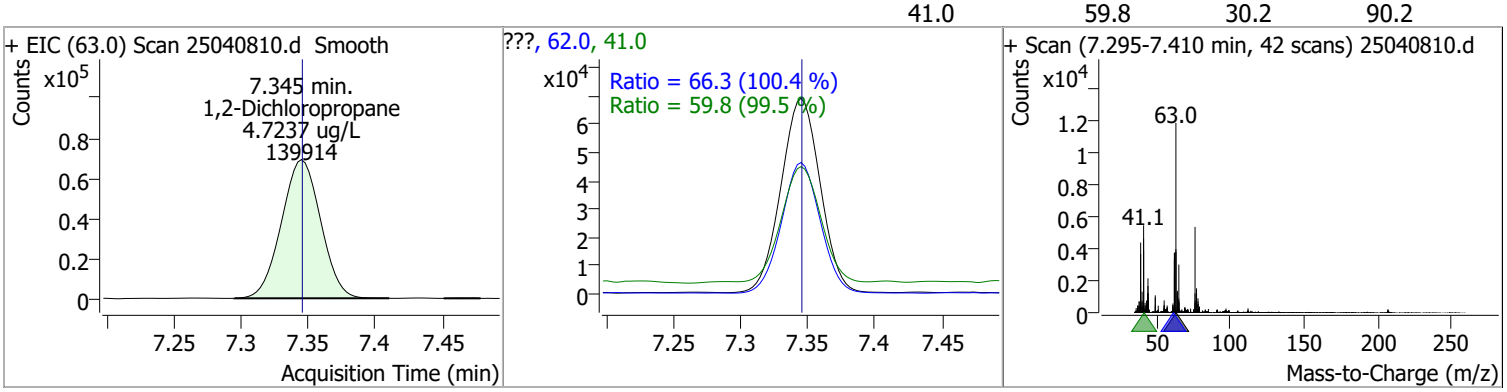
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	4.9118	6.39	0.00	168424	49.0	33.8	3.8	63.8
					64.0	31.5	2.4	62.4



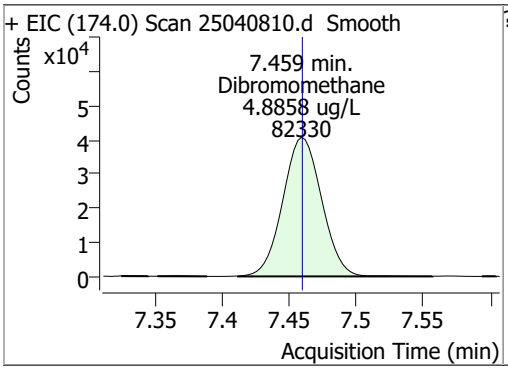
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	4.7822	7.12	0.00	166436	132.0	96.2	67.6	127.6
					95.0	95.6	66.0	126.0

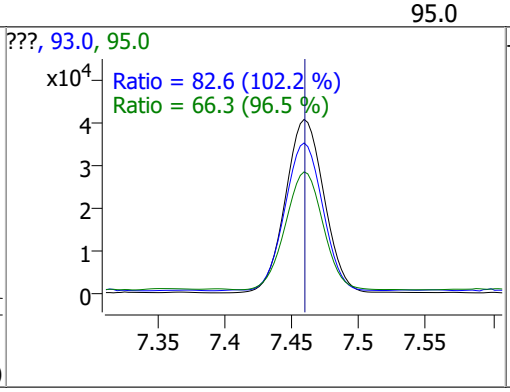


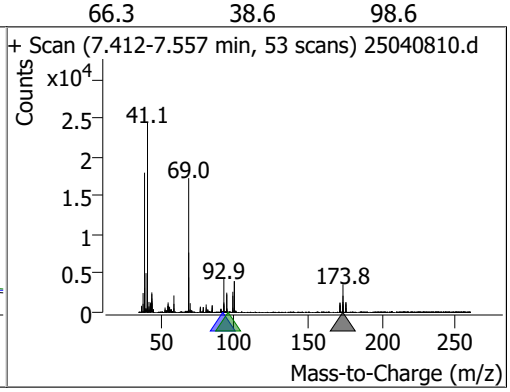
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	4.7237	7.34	0.00	139914	62.0	66.3	36.0	96.0
					41.0	59.8	30.2	90.2



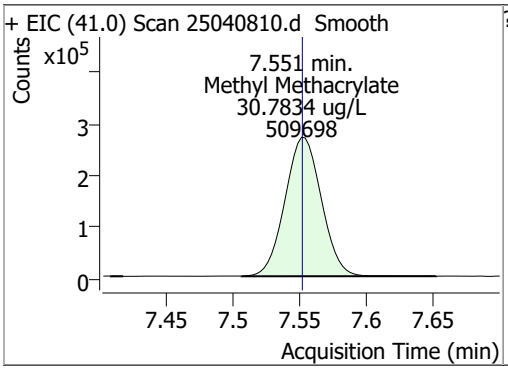
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	4.8858	7.46	0.00	82330	93.0	82.6	50.9	110.9
					95.0	66.3	38.6	98.6

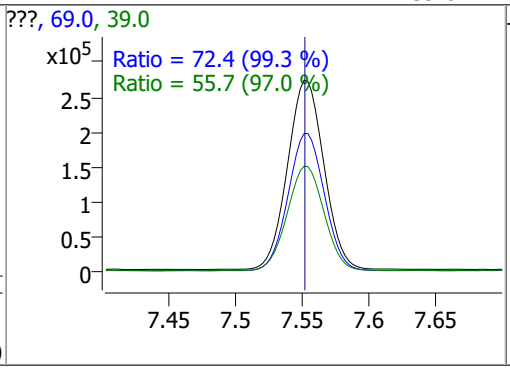


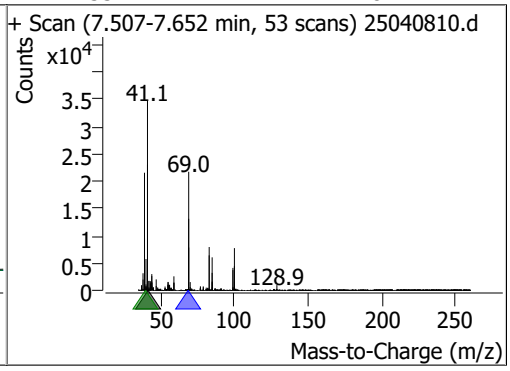




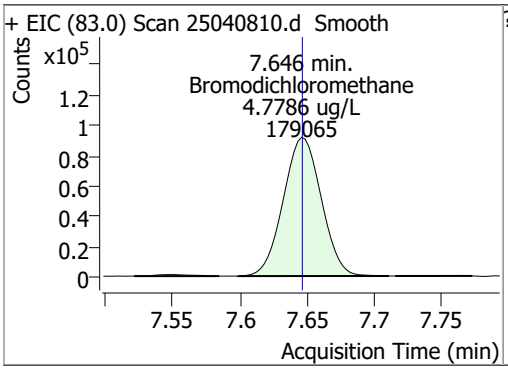
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	30.7834	7.55	0.00	509698	69.0	72.4	42.9	102.9
					39.0	55.7	27.4	87.4

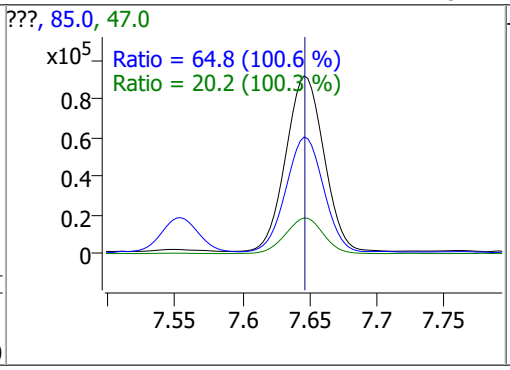


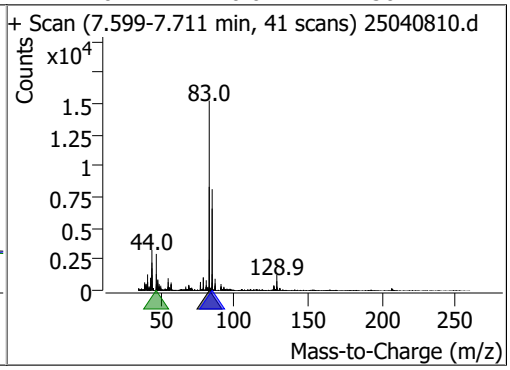




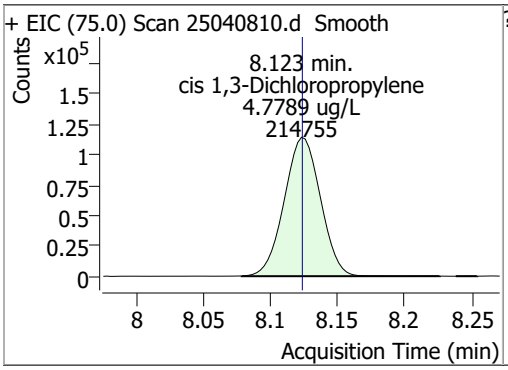
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	4.7786	7.65	0.00	179065	85.0	64.8	34.4	94.4
					47.0	20.2	0.0	50.2

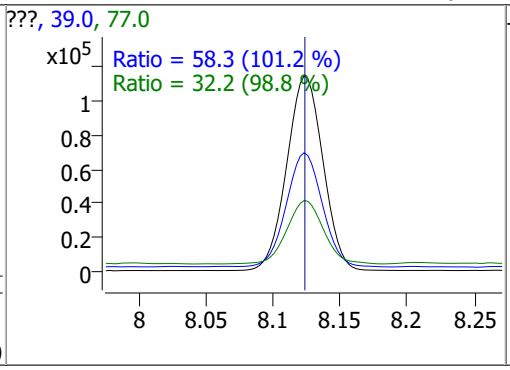


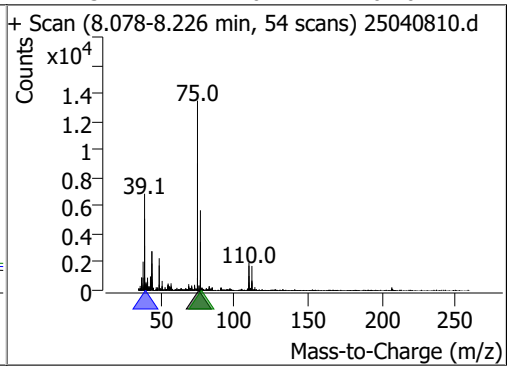




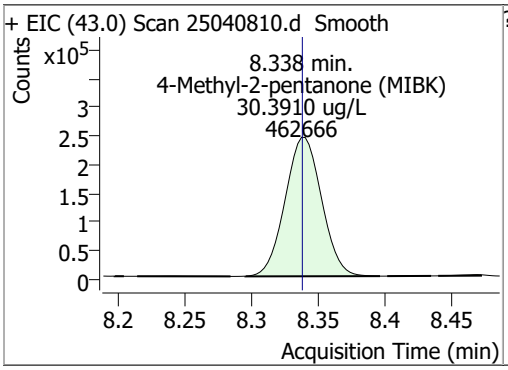
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	4.7789	8.12	0.00	214755	39.0	58.3	27.6	87.6
					77.0	32.2	2.6	62.6

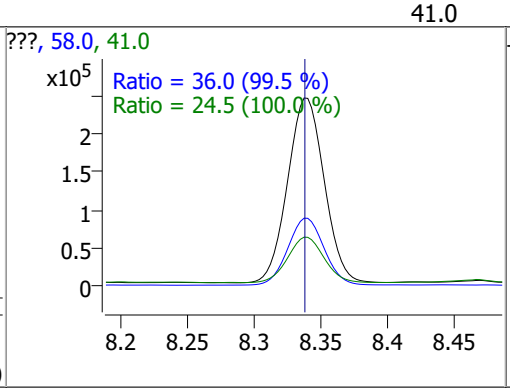


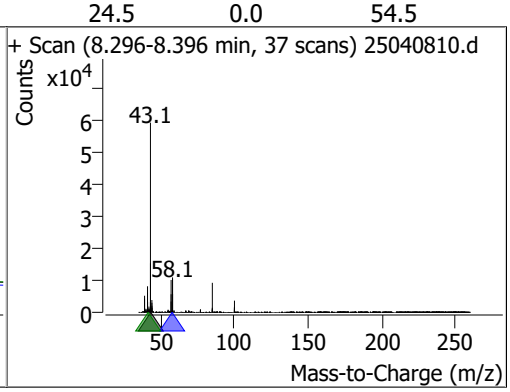




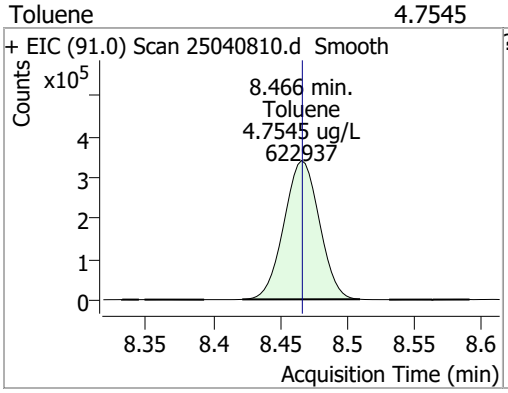
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	30.3910	8.34	0.00	462666	58.0	36.0	6.2	66.2
					41.0	24.5	0.0	54.5

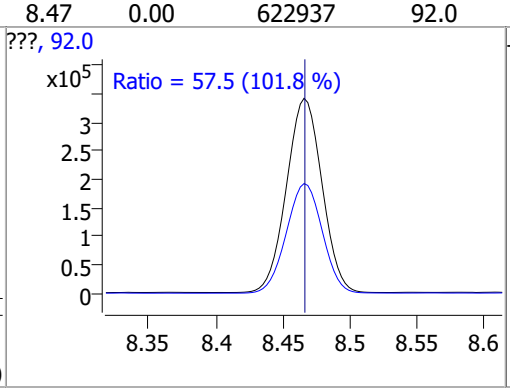


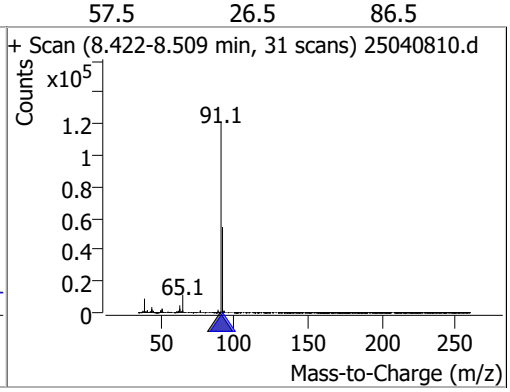




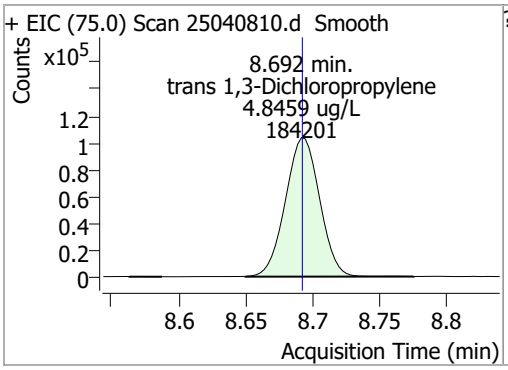
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	4.7545	8.47	0.00	622937	92.0	57.5	26.5	86.5

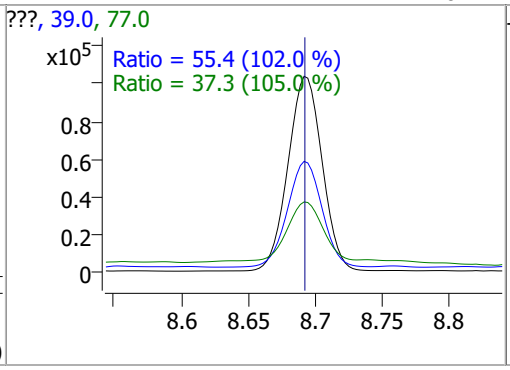


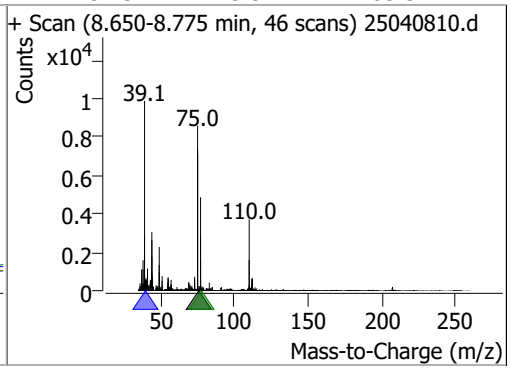




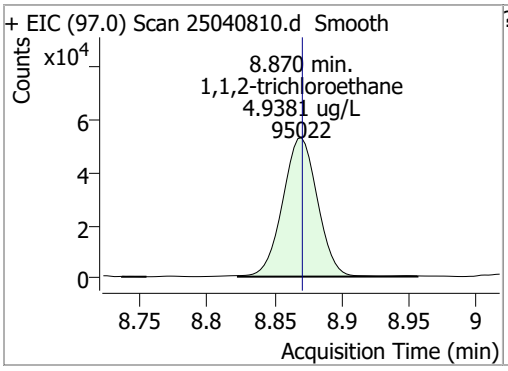
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	4.8459	8.69	0.00	184201	39.0	55.4	24.3	84.3
					77.0	37.3	5.5	65.5

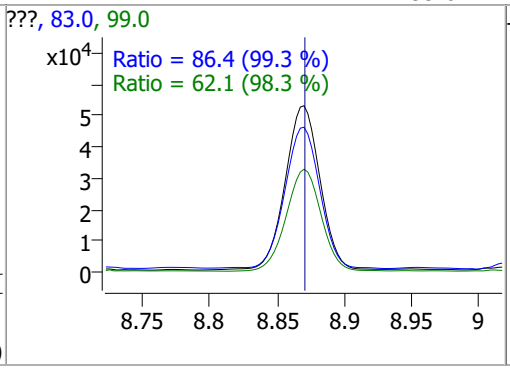


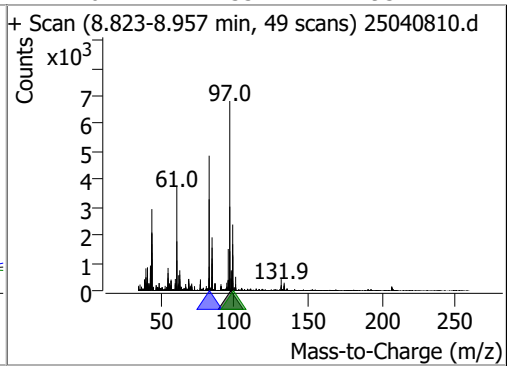




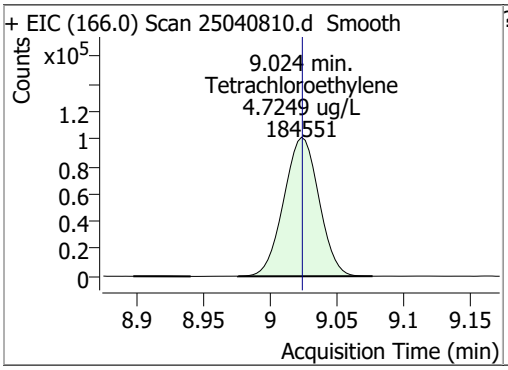
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	4.9381	8.87	0.00	95022	83.0	86.4	57.0	117.0
					99.0	62.1	33.1	93.1

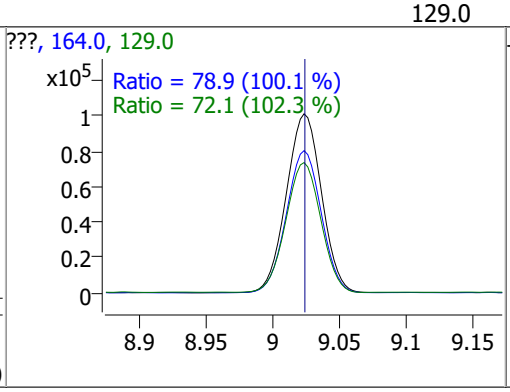


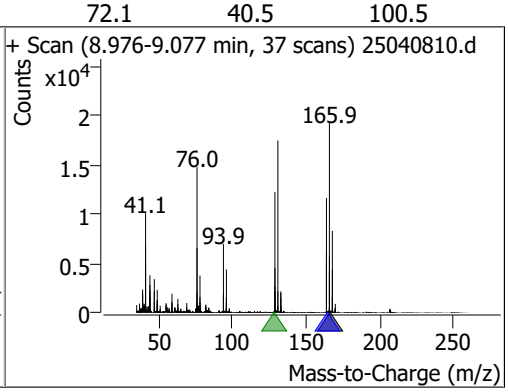




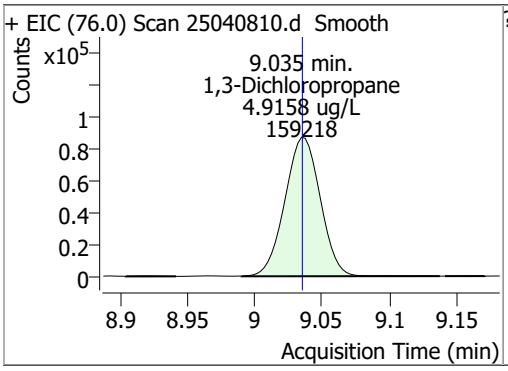
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	4.7249	9.02	0.00	184551	164.0	78.9	48.9	108.9
					129.0	72.1	40.5	100.5

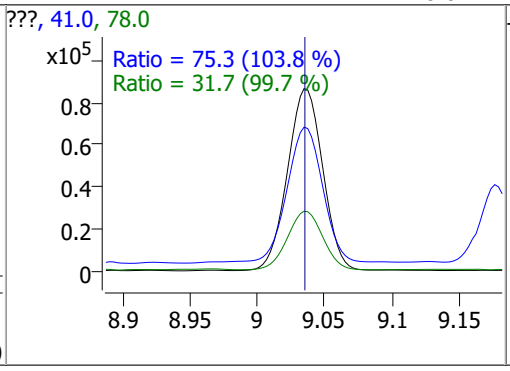


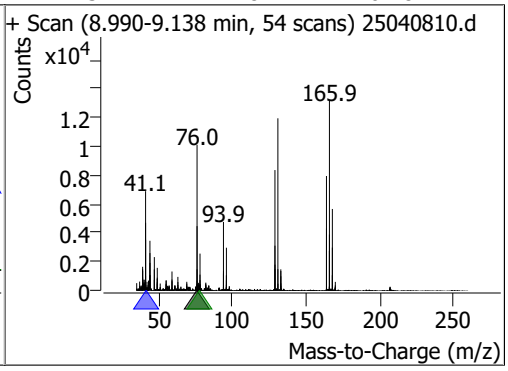




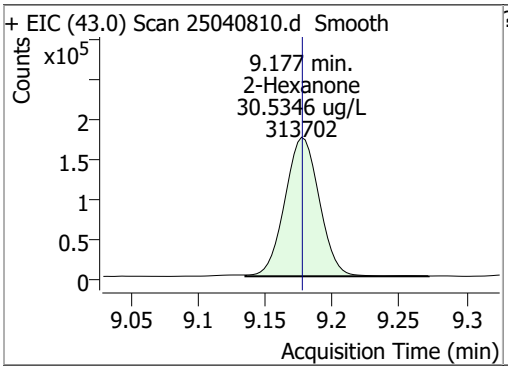
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	4.9158	9.03	0.00	159218	41.0	75.3	42.5	102.5
					78.0	31.7	1.8	61.8

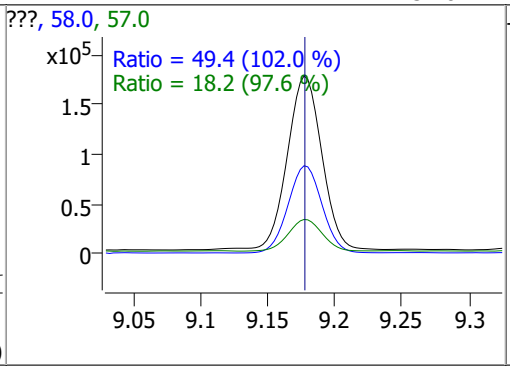


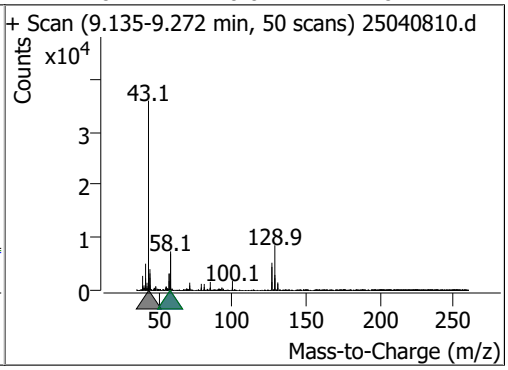




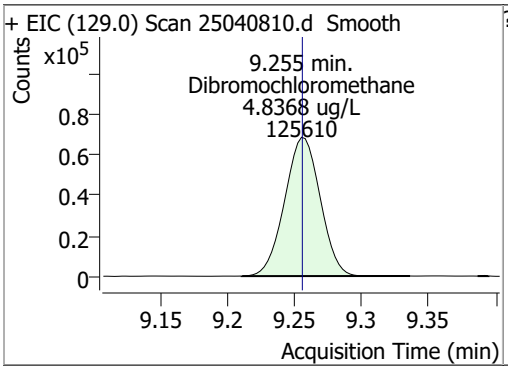
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	30.5346	9.18	0.00	313702	58.0	49.4	18.4	78.4
					57.0	18.2	0.0	48.7

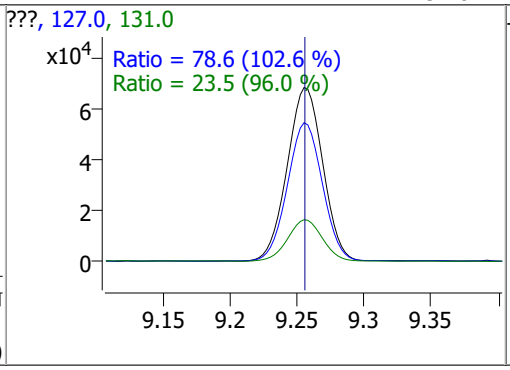


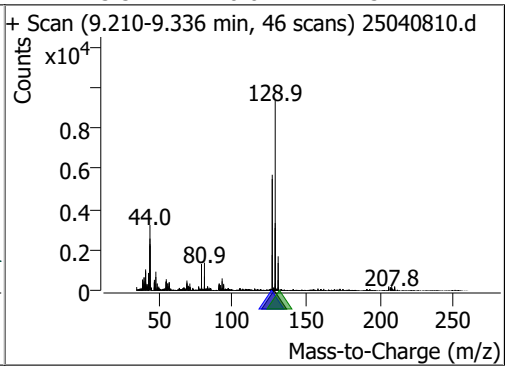




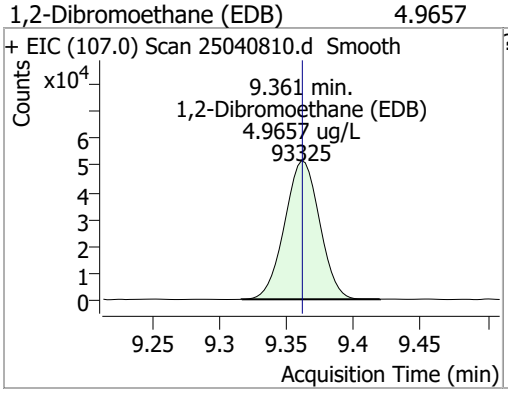
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	4.8368	9.26	0.00	125610	127.0	78.6	46.7	106.7
					131.0	23.5	0.0	54.4

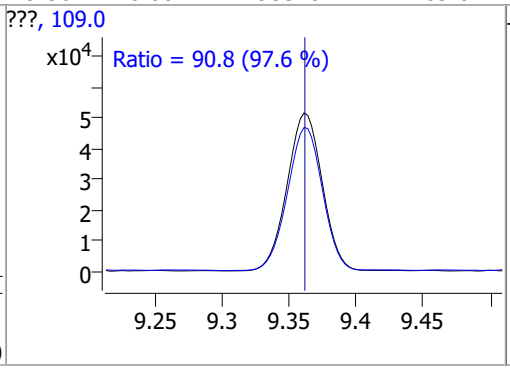


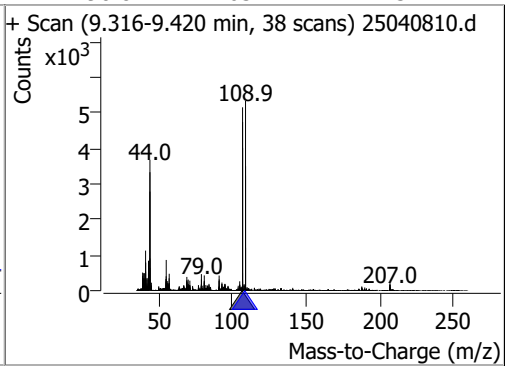




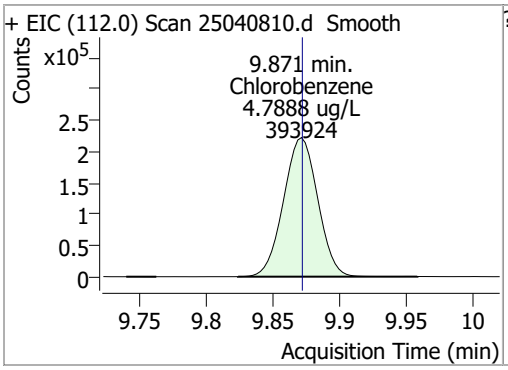
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	4.9657	9.36	0.00	93325	109.0	90.8	63.1	123.1

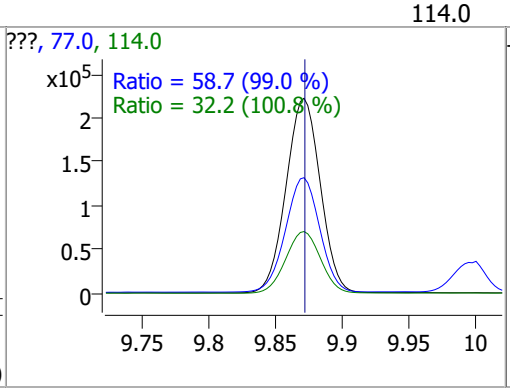


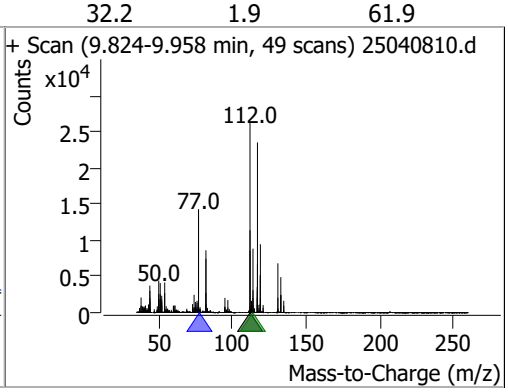




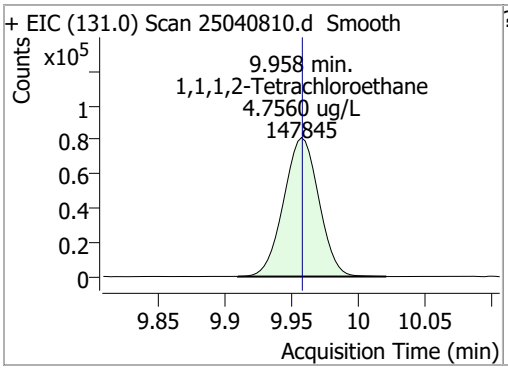
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	4.7888	9.87	0.00	393924	77.0	58.7	29.3	89.3
					114.0	32.2	1.9	61.9

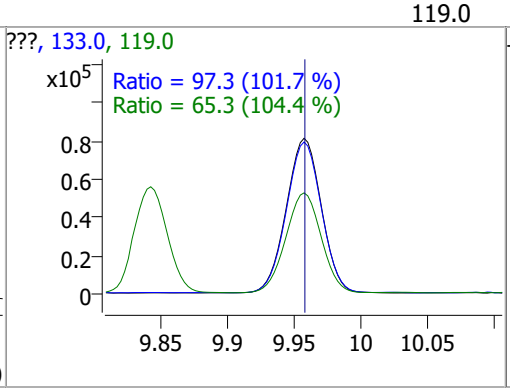


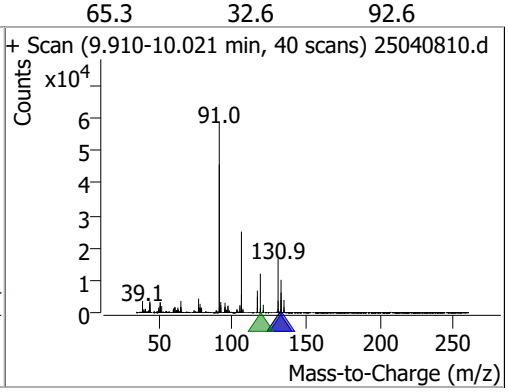




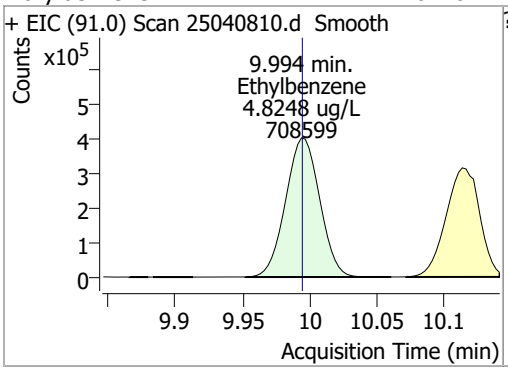
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	4.7560	9.96	0.00	147845	133.0	97.3	65.7	125.7
					119.0	65.3	32.6	92.6

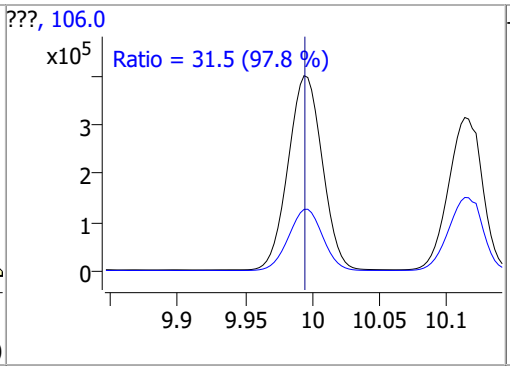


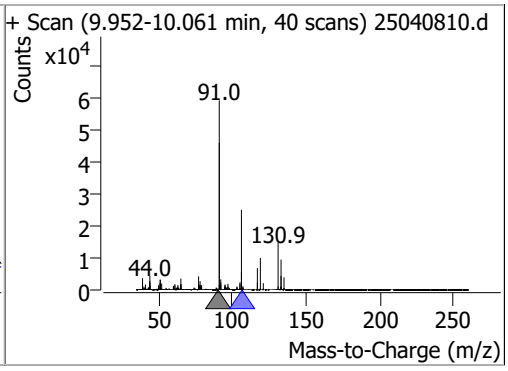




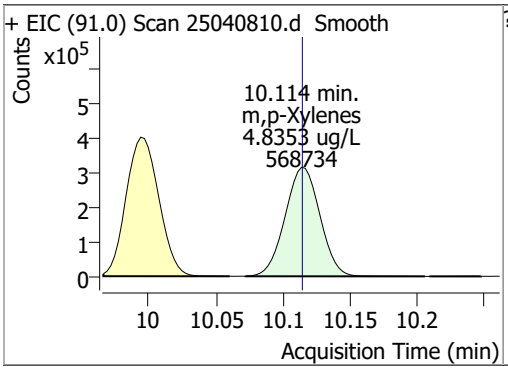
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	4.8248	9.99	0.00	708599	106.0	31.5	2.2	62.2

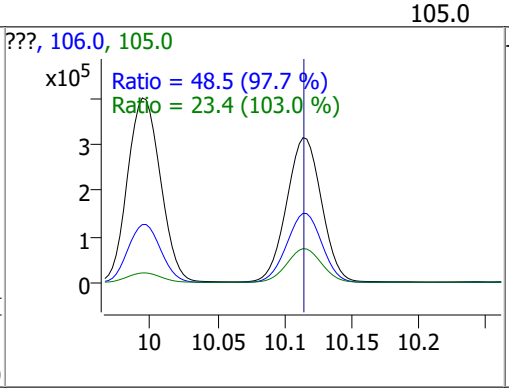


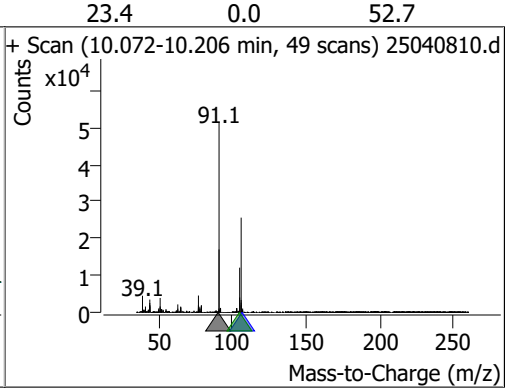




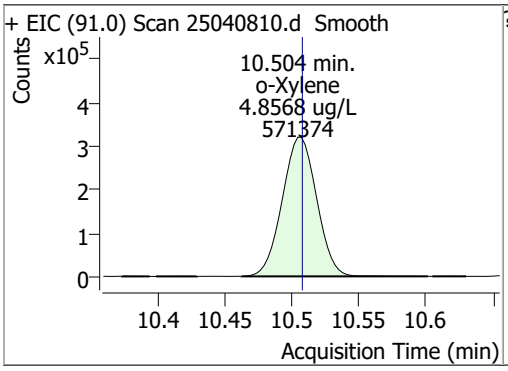
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	4.8353	10.11	0.00	568734	106.0	48.5	19.6	79.6
					105.0	23.4	0.0	52.7

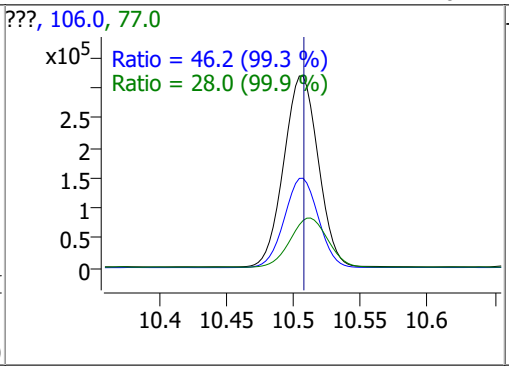


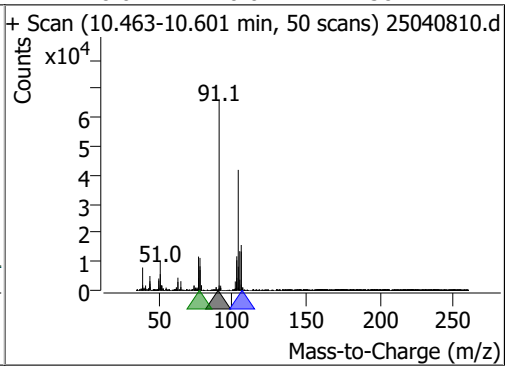




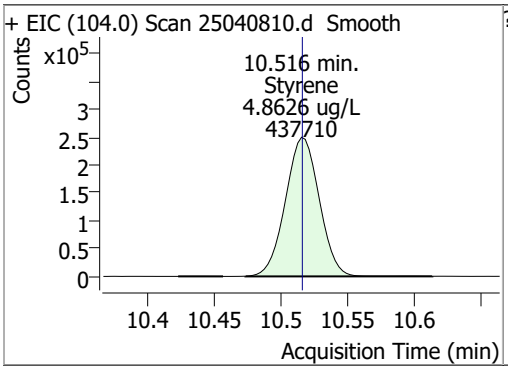
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	4.8568	10.50	0.00	571374	106.0	46.2	16.5	76.5
					77.0	28.0	0.0	58.1

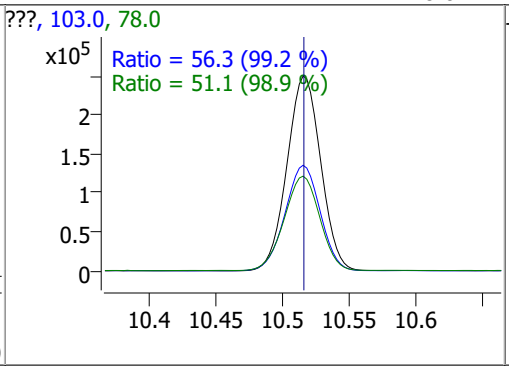


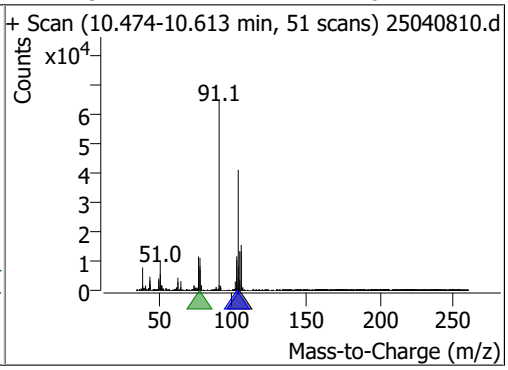




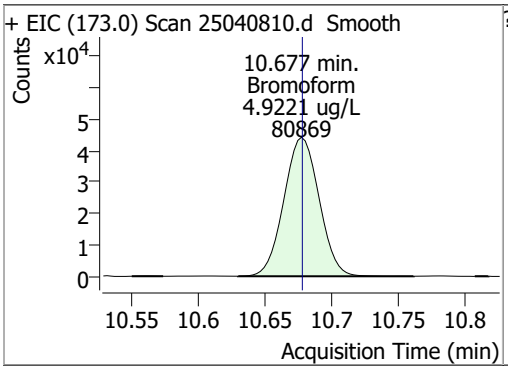
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	4.8626	10.52	0.00	437710	103.0	56.3	26.7	86.7
					78.0	51.1	21.7	81.7

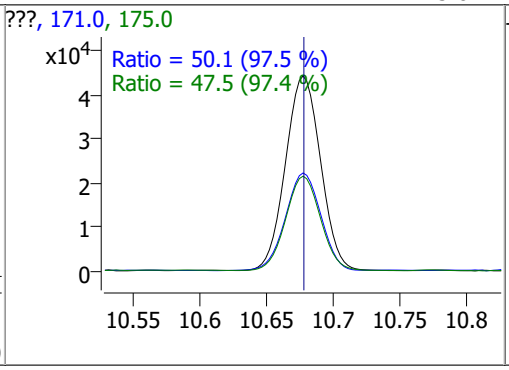


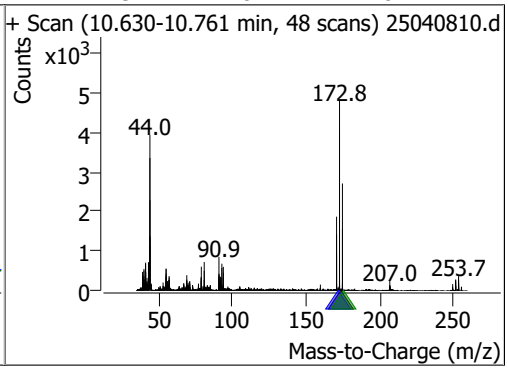




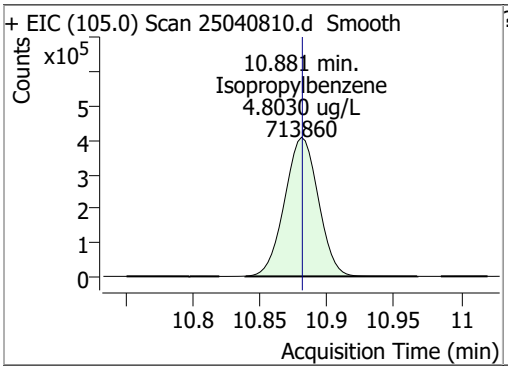
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	4.9221	10.68	0.00	80869	171.0	50.1	21.4	81.4
					175.0	47.5	18.7	78.7

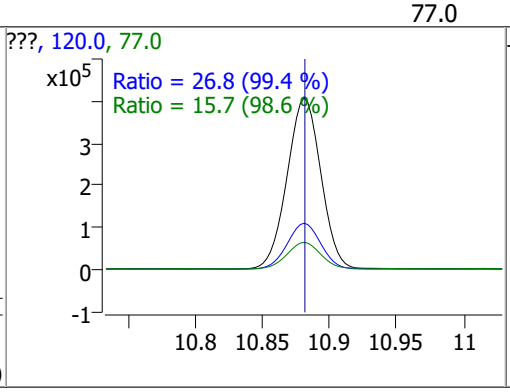


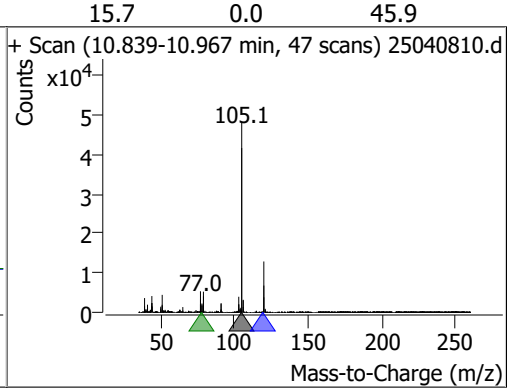




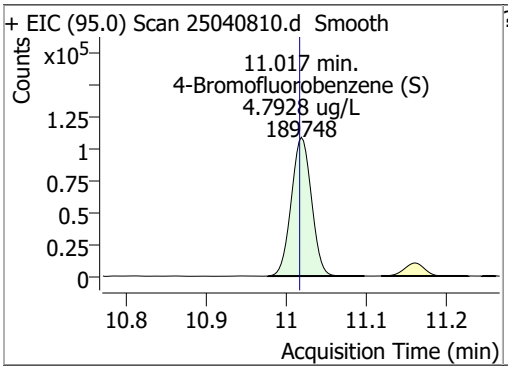
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	4.8030	10.88	0.00	713860	120.0	26.8	0.0	56.9
					77.0	15.7	0.0	45.9

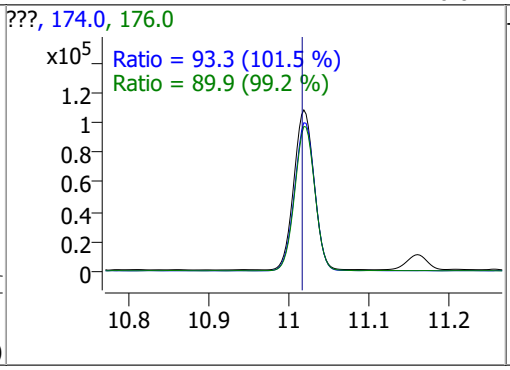


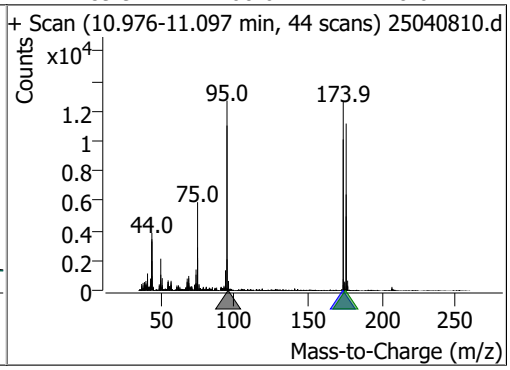




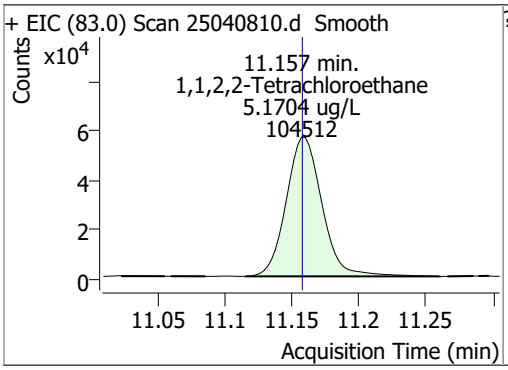
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	4.7928	11.02	0.00	189748	174.0	93.3	61.9	121.9
					176.0	89.9	60.6	120.6

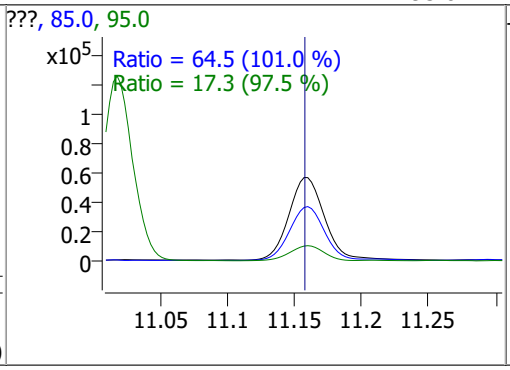


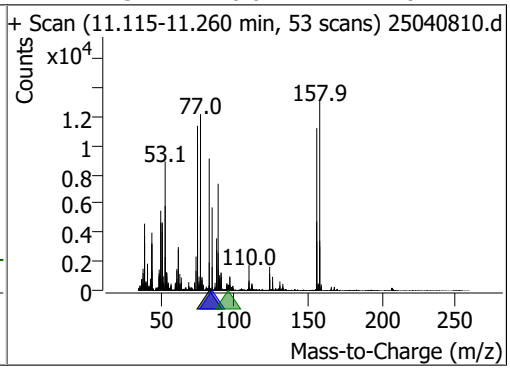




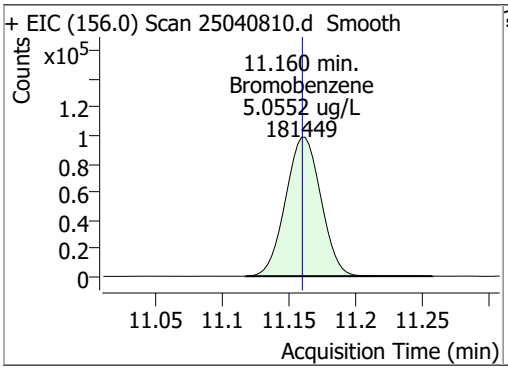
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	5.1704	11.16	0.00	104512	85.0	64.5	33.9	93.9
					95.0	17.3	0.0	47.8

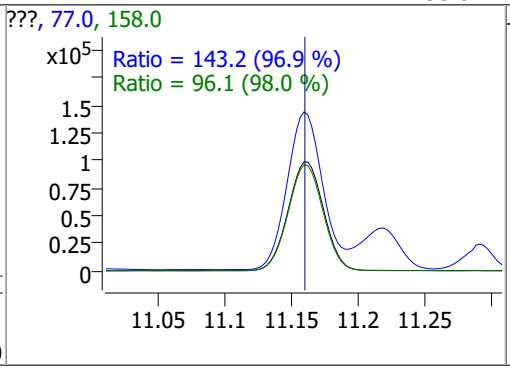


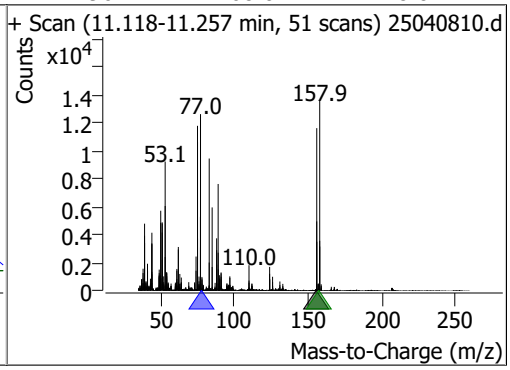




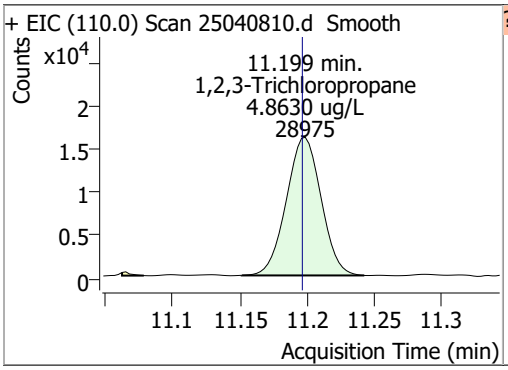
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	5.0552	11.16	0.00	181449	77.0	143.2	117.8	177.8
					158.0	96.1	68.0	128.0

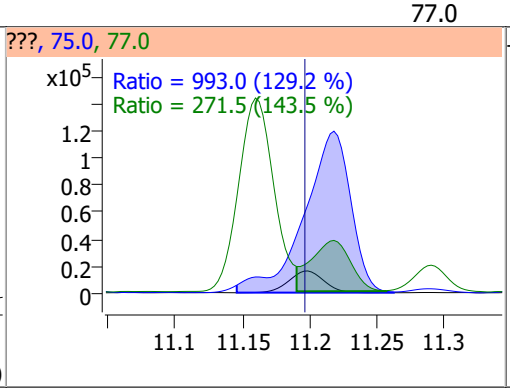


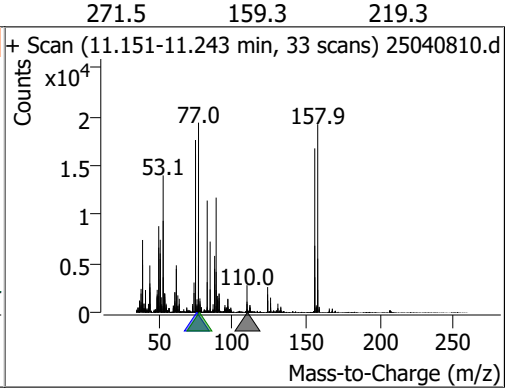




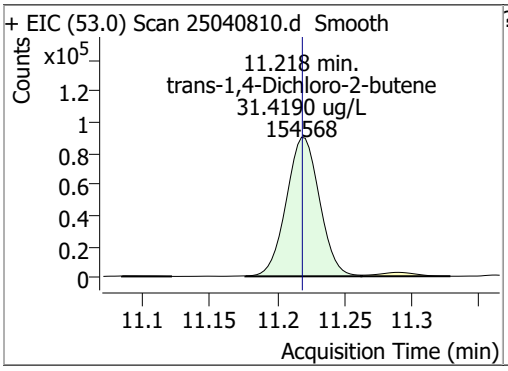
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	4.8630	11.20	0.00	28975	75.0	993.0	738.8	798.8
					77.0	271.5	159.3	219.3

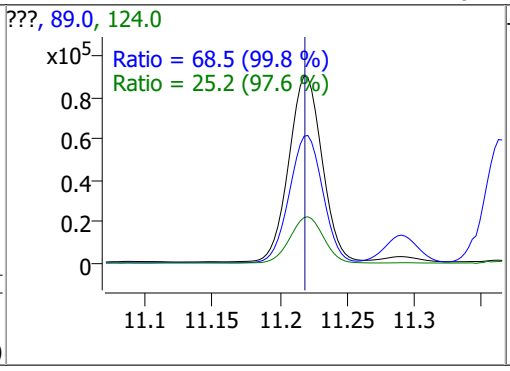


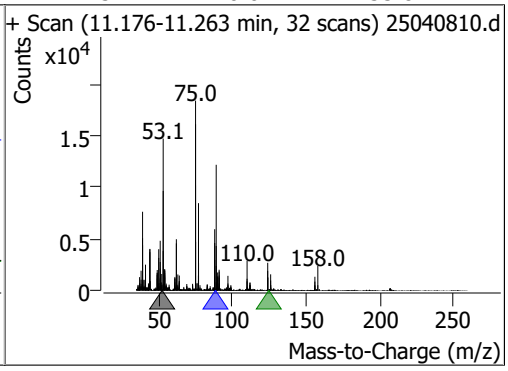




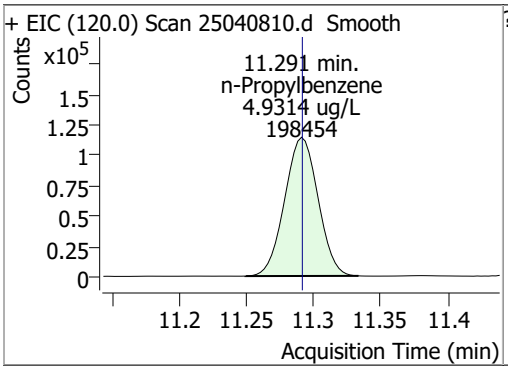
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	31.4190	11.22	0.00	154568	89.0	68.5	38.6	98.6
					124.0	25.2	0.0	55.8

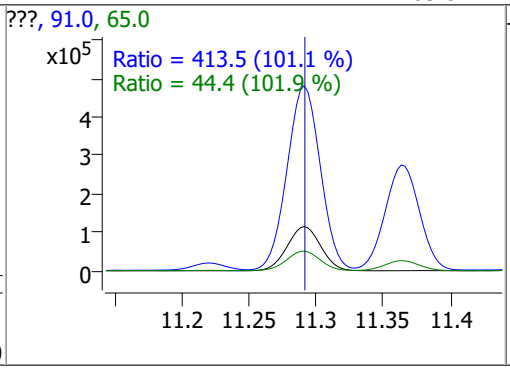


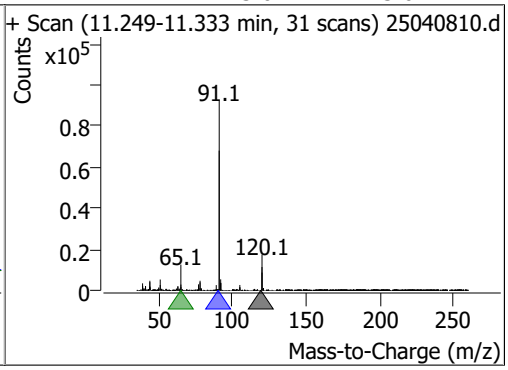




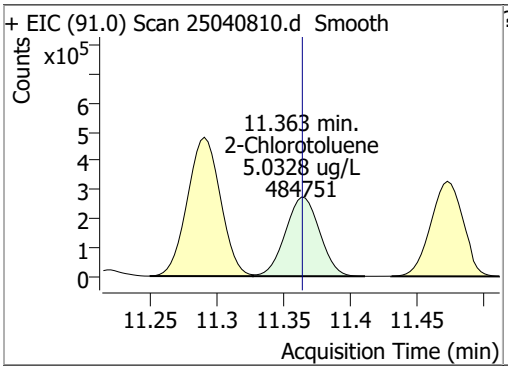
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	4.9314	11.29	0.00	198454	91.0	413.5	378.8	438.8
					65.0	44.4	13.6	73.6

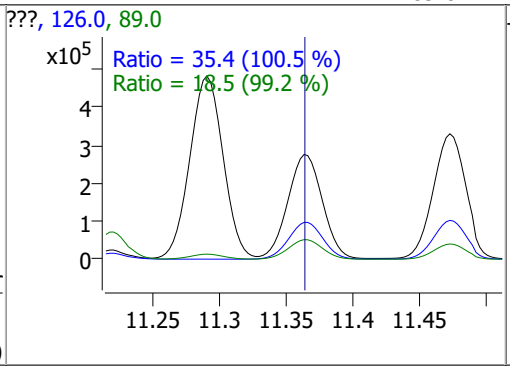


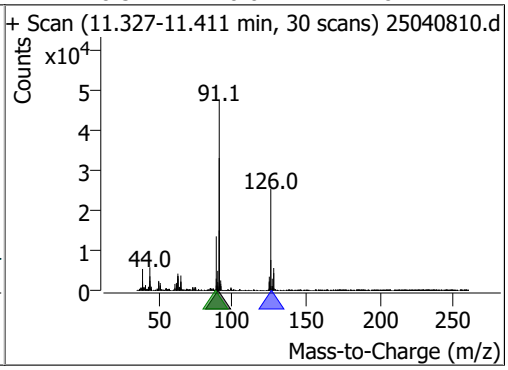




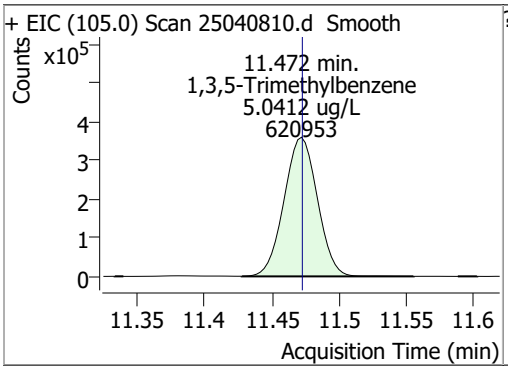
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	5.0328	11.36	0.00	484751	126.0	35.4	5.2	65.2
					89.0	18.5	0.0	48.7

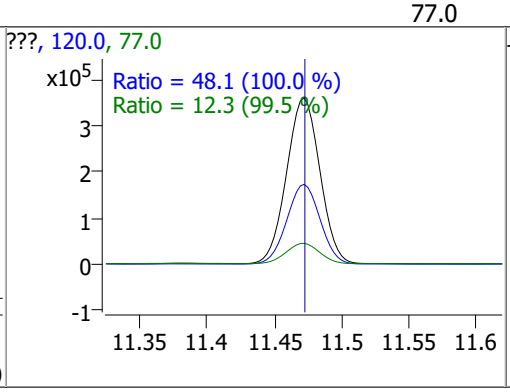


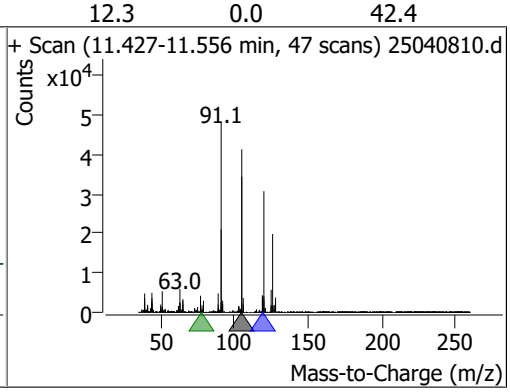




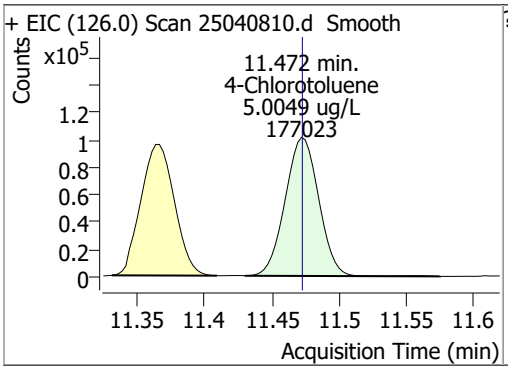
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	5.0412	11.47	0.00	620953	120.0	48.1	18.1	78.1
					77.0	12.3	0.0	42.4

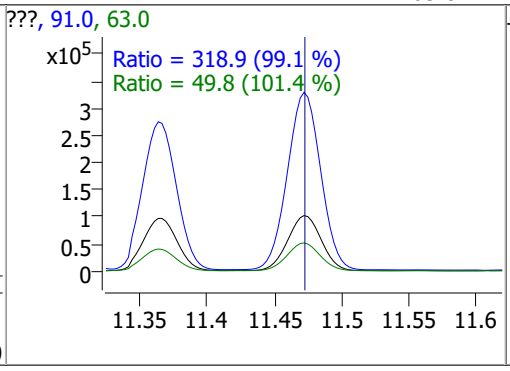


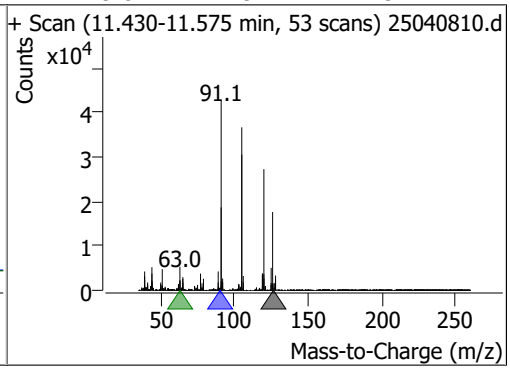




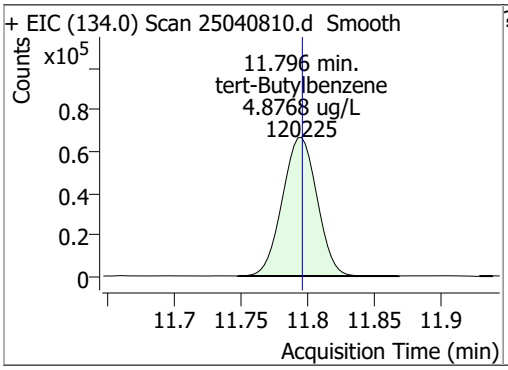
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	5.0049	11.47	0.00	177023	91.0	318.9	291.7	351.7
					63.0	49.8	19.1	79.1

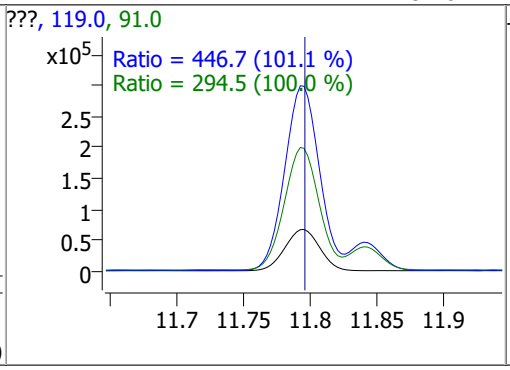


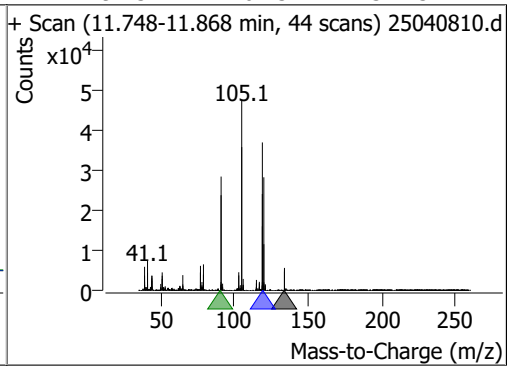




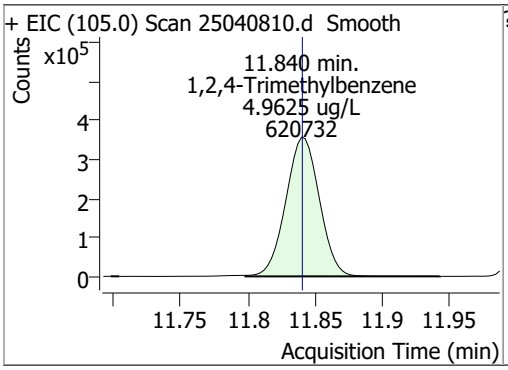
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	4.8768	11.80	0.00	120225	119.0	446.7	411.8	471.8
					91.0	294.5	264.5	324.5

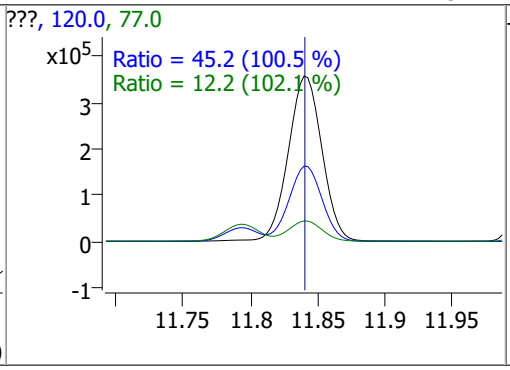


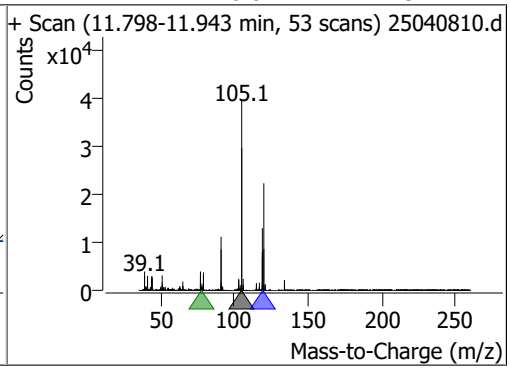




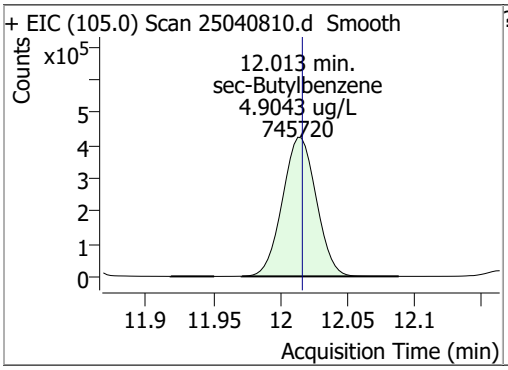
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	4.9625	11.84	0.00	620732	120.0	45.2	15.0	75.0
					77.0	12.2	0.0	41.9

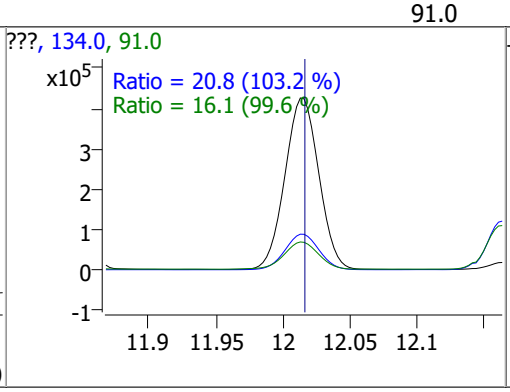


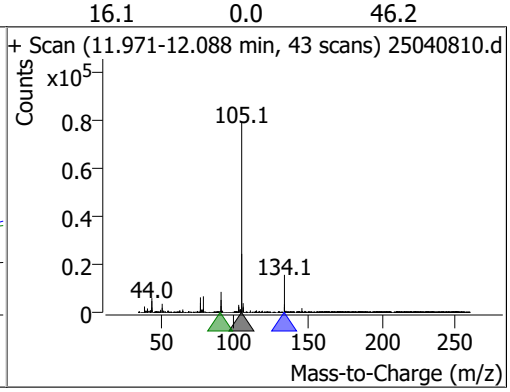




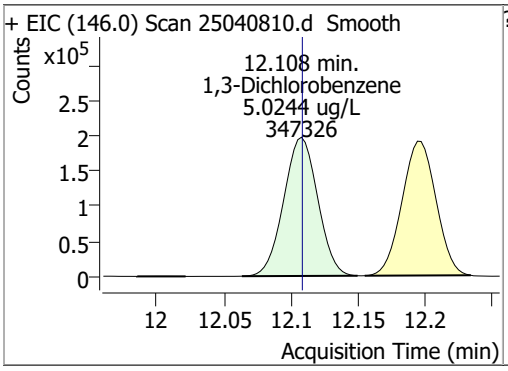
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	4.9043	12.01	0.00	745720	134.0	20.8	0.0	50.2
					91.0	16.1	0.0	46.2

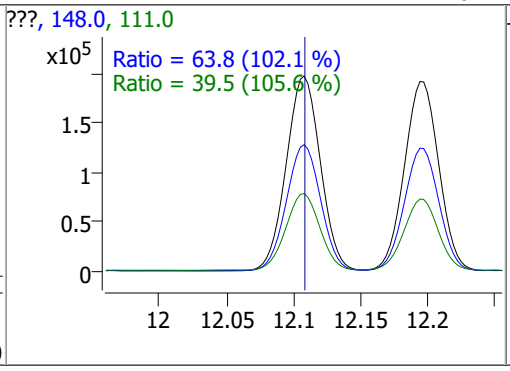


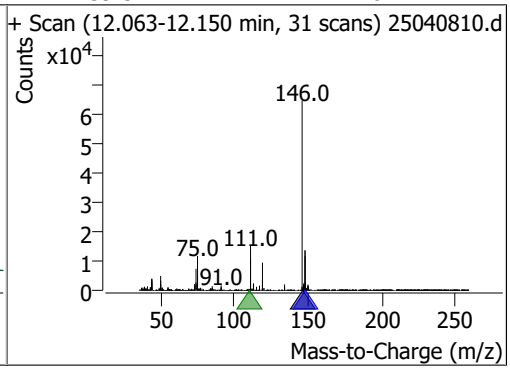




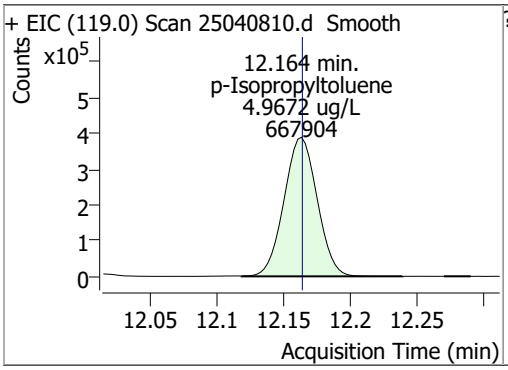
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	5.0244	12.11	0.00	347326	148.0	63.8	32.5	92.5
					111.0	39.5	7.4	67.4

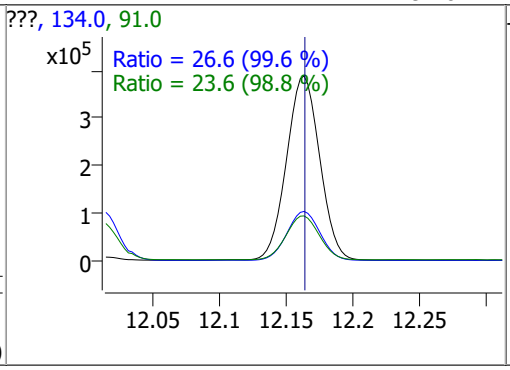


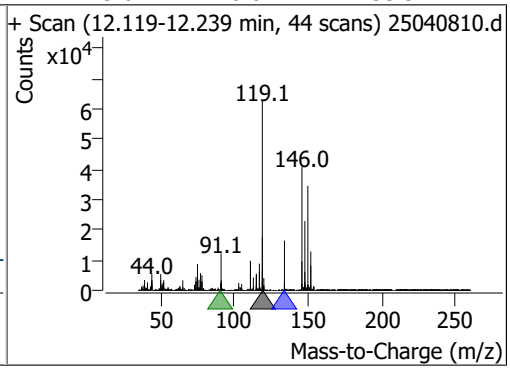




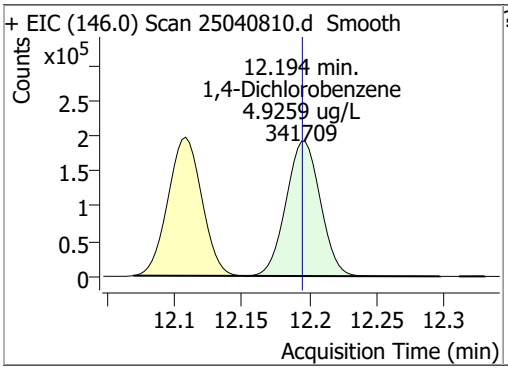
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	4.9672	12.16	0.00	667904	134.0	26.6	0.0	56.7
					91.0	23.6	0.0	53.9

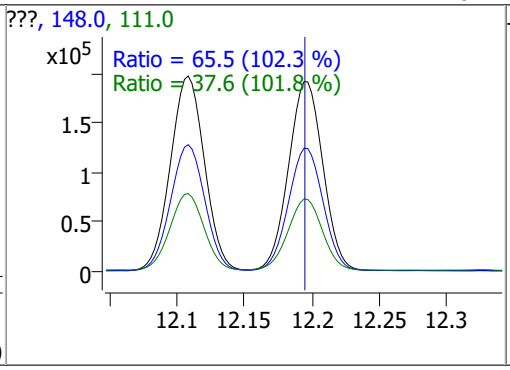


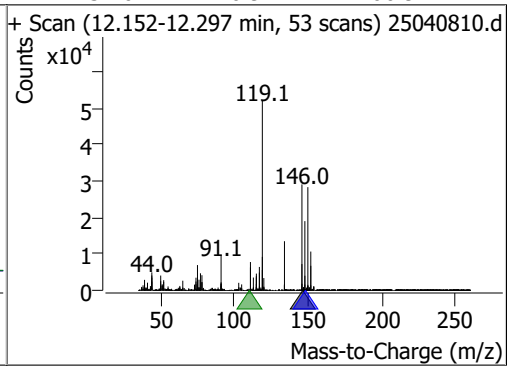




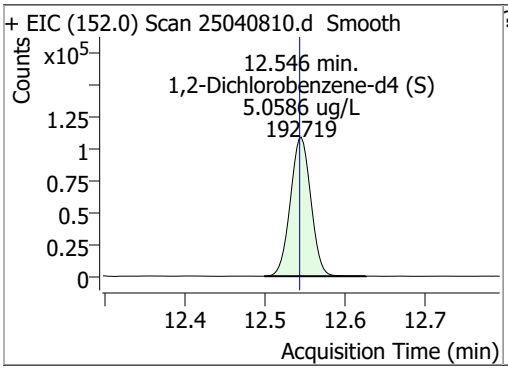
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	4.9259	12.19	0.00	341709	148.0	65.5	34.1	94.1
					111.0	37.6	6.9	66.9

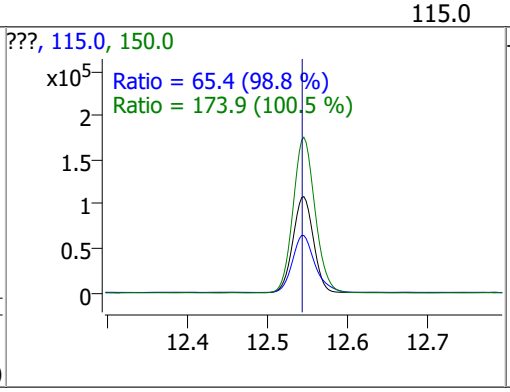


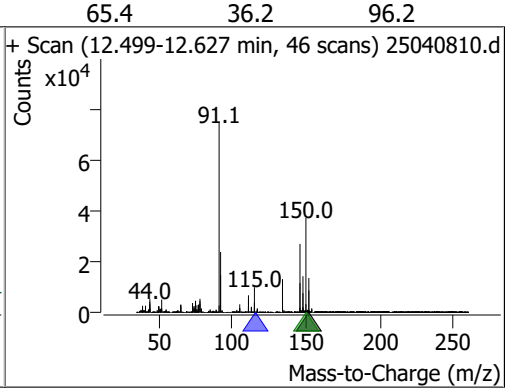




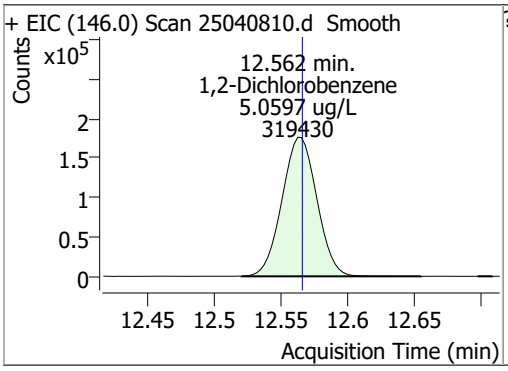
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	5.0586	12.55	0.00	192719	150.0	173.9	142.9	202.9
					115.0	65.4	36.2	96.2

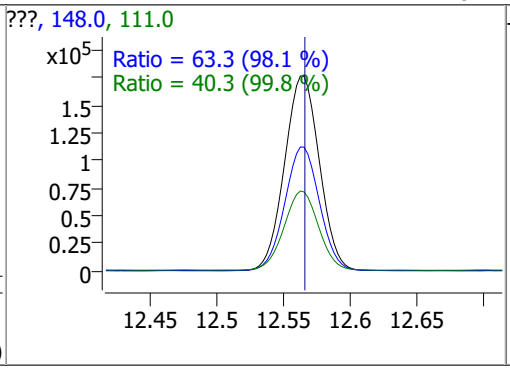


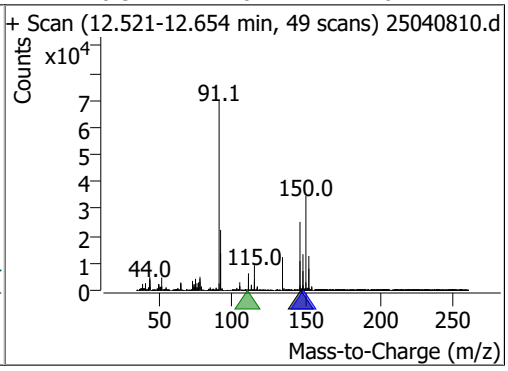




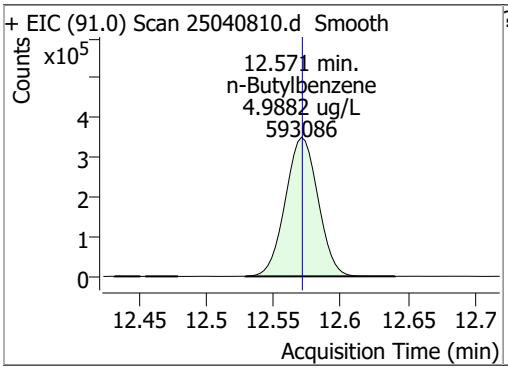
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	5.0597	12.56	0.00	319430	148.0	63.3	34.5	94.5
					111.0	40.3	10.4	70.4

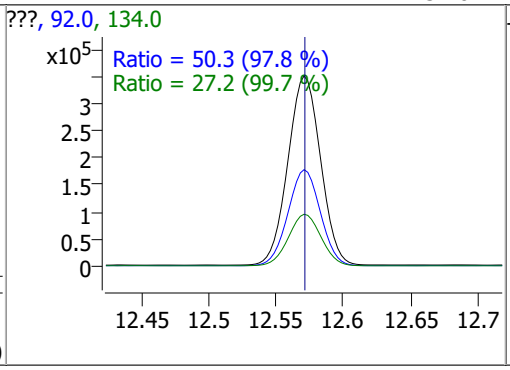


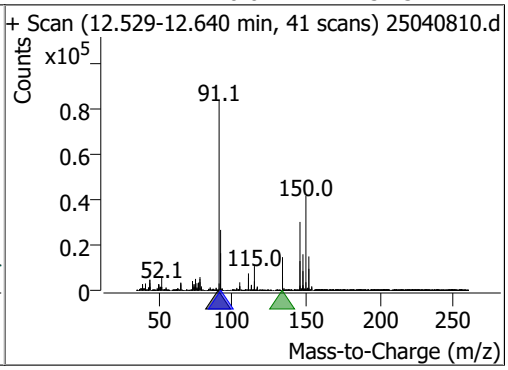




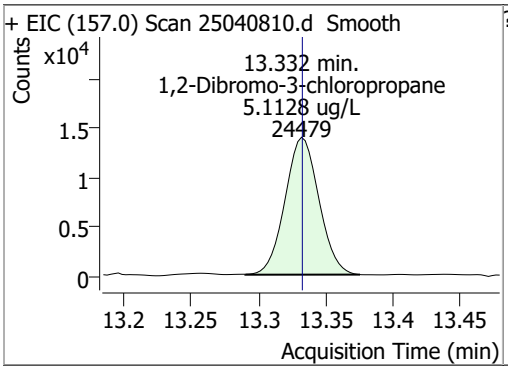
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	4.9882	12.57	0.00	593086	92.0	50.3	21.5	81.5
					134.0	27.2	0.0	57.3

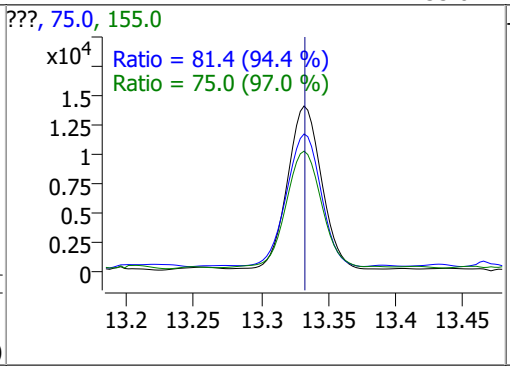


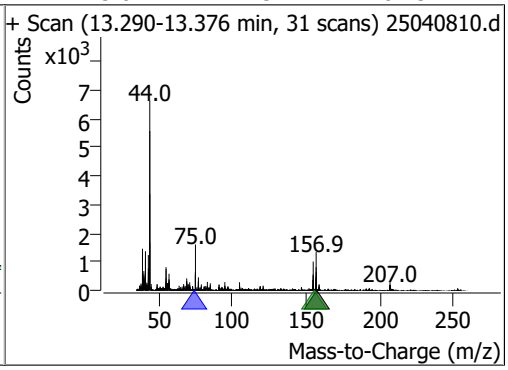




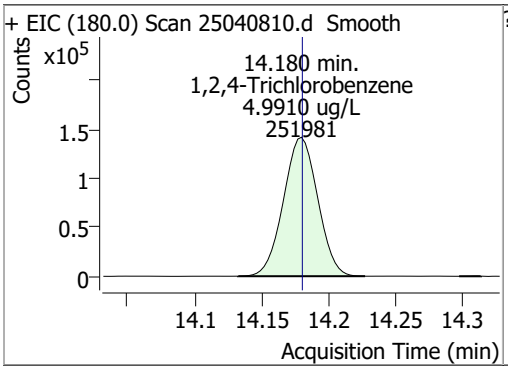
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	5.1128	13.33	0.00	24479	75.0	81.4	56.2	116.2
					155.0	75.0	47.3	107.3

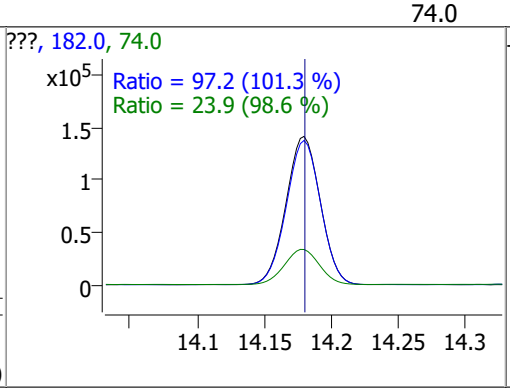


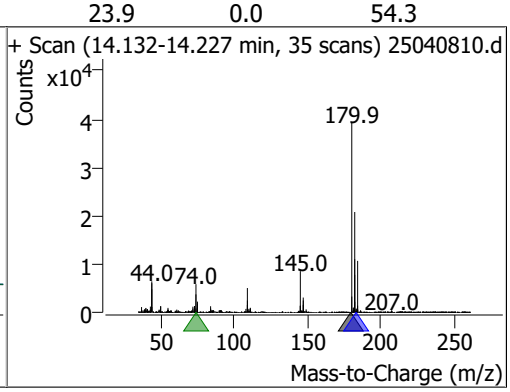




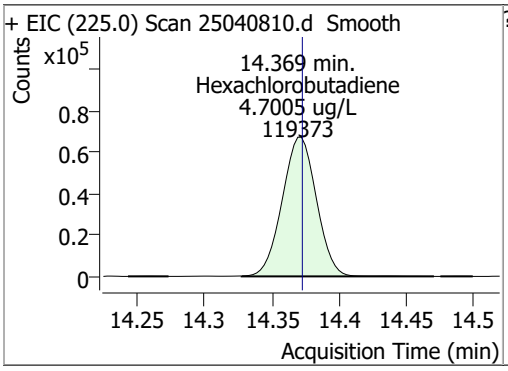
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	4.9910	14.18	0.00	251981	182.0	97.2	66.0	126.0
					74.0	23.9	0.0	54.3

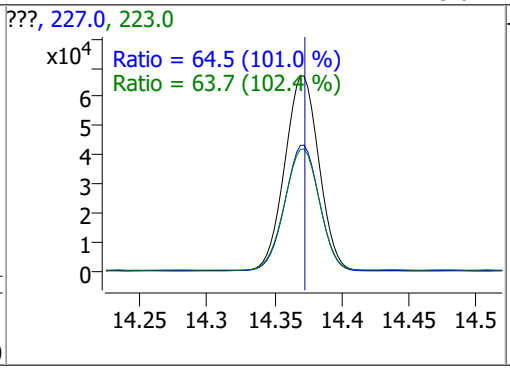


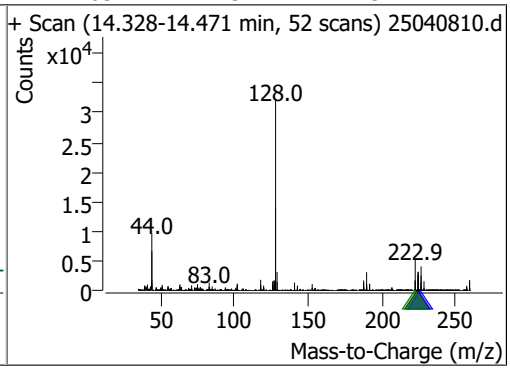




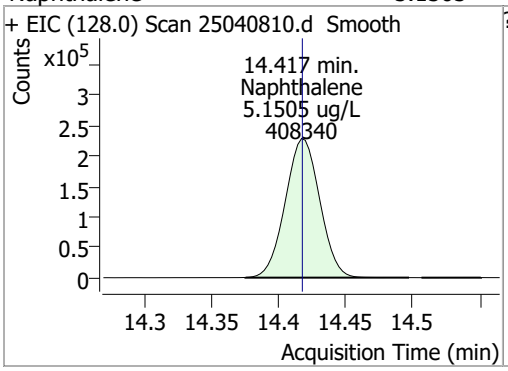
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	4.7005	14.37	0.00	119373	227.0	64.5	33.9	93.9
					223.0	63.7	32.2	92.2

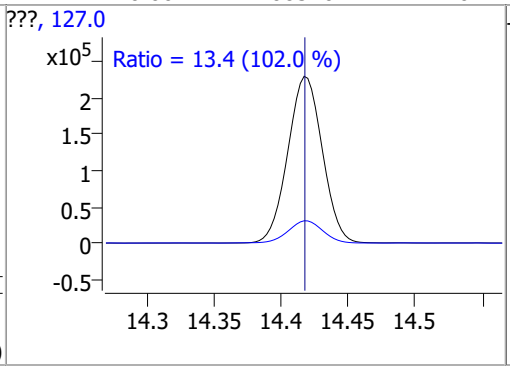


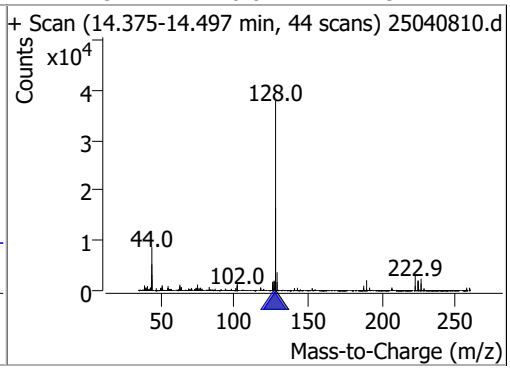




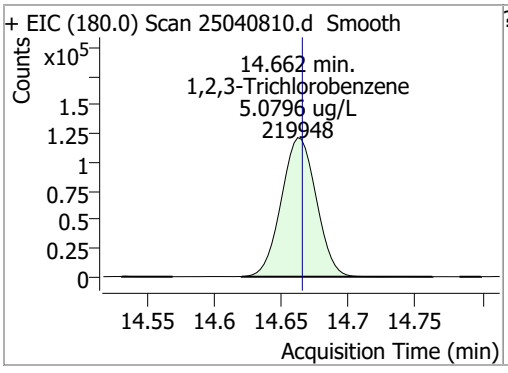
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	5.1505	14.42	0.00	408340	127.0	13.4	0.0	43.1

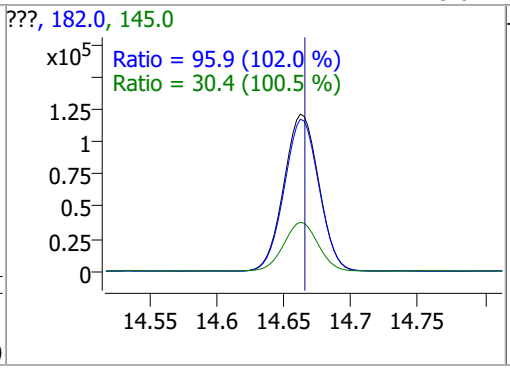


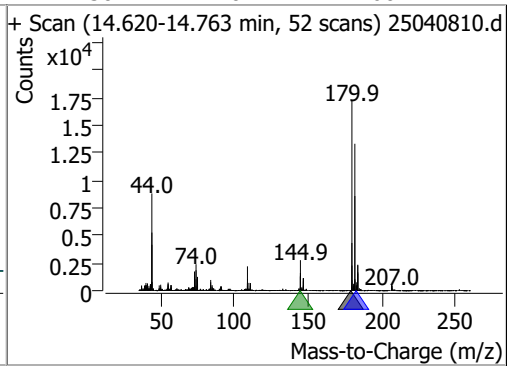




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	5.0796	14.66	0.00	219948	182.0	95.9	64.1	124.1
					145.0	30.4	0.2	60.2







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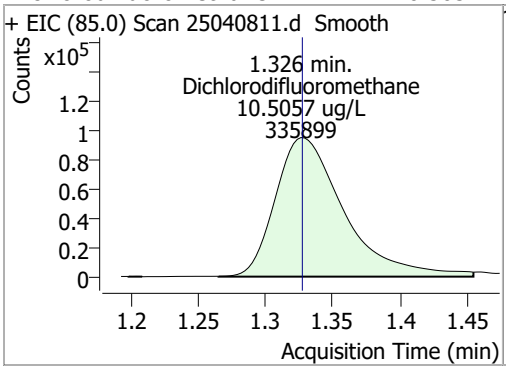
Sample Name	CAL 10 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

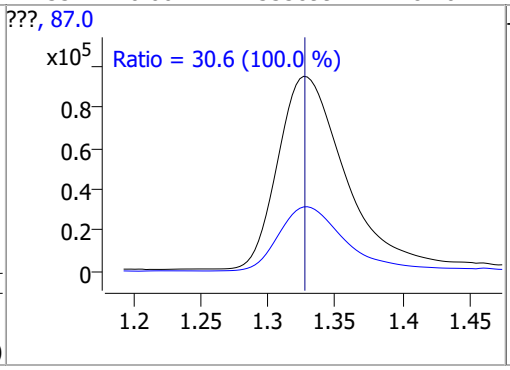
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		400977	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		302513	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		173895	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		721286	10.4263	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.304		284345	10.4756	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		411362	10.3549	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.545		411951	10.5568	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.326		335899	10.5057	ug/L	100
3) Chloromethane	1.494		335003	9.9251	ug/L	100
4) Vinyl Chloride	1.600		320087	9.5684	ug/L	100
5) Bromomethane	1.904		224160	10.2682	ug/L	100
6) Chloroethane	1.985		178562	9.9795	ug/L	100
7) Trichlorofluoromethane	2.275		283309	8.0463	ug/L	100
9) 1,1-Dichloroethylene	2.793		405968	9.9261	ug/L	100
10) Acetone	2.910		42322	38.7072	ug/L	100
11) Iodomethane	2.952		1938864	39.2254	ug/L	100
12) Carbon Disulfide	3.033		3225970	38.8974	ug/L	100
13) Dichloromethane	3.421		323468	9.9292	ug/L	100
15) trans 1,2-Dichloroethylene	3.836		396347	9.7515	ug/L	100
16) MTBE	3.976		572696	10.4860	ug/L	100
17) 1,1-Dichloroethane	4.483		482468	9.8814	ug/L	100
18) 2,2-Dichloropropane	5.306		461087	9.7563	ug/L	100
19) cis 1,2-Dichloroethylene	5.306		313016	10.0936	ug/L	100
20) 2-Butanone (MEK)	5.423		62802	41.6078	ug/L	100
21) Bromochloromethane	5.596		214459	10.0323	ug/L	100
22) Chloroform	5.733		514401	9.9993	ug/L	100
24) 1,1,1-Trichloroethane	5.939		499066	9.8801	ug/L	100
25) 1,1-Dichloropropylene	6.140		401387	9.8677	ug/L	100
26) Carbon Tetrachloride	6.142		469060	9.8504	ug/L	100
28) Benzene	6.371		1152363	10.0338	ug/L	100
29) 1,2-Dichloroethane	6.393		347019	10.1978	ug/L	100
30) Trichloroethylene	7.116		343041	9.9323	ug/L	100
31) 1,2-Dichloropropane	7.344		292344	9.9456	ug/L	100
32) Dibromomethane	7.459		170447	10.1927	ug/L	100
33) Methyl Methacrylate	7.551		661860	40.2800	ug/L	100
34) Bromodichloromethane	7.646		374690	10.0758	ug/L	100
36) cis 1,3-Dichloropropylene	8.122		451677	10.1281	ug/L	100
37) 4-Methyl-2-pentanone (MIBK)	8.337		606935	40.1735	ug/L	100

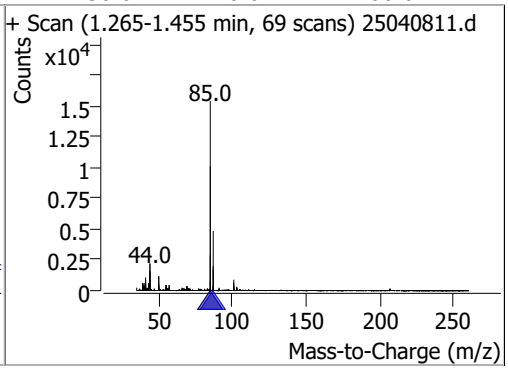
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
39) Toluene	8.465		1306793	9.9398	ug/L	100
40) trans 1,3-Dichloropropylene	8.691		385410	10.1044	ug/L	100
41) 1,1,2-trichloroethane	8.870		195118	10.1051	ug/L	100
42) Tetrachloroethylene	9.023		382544	9.7604	ug/L	100
43) 1,3-Dichloropropane	9.034		333059	10.2479	ug/L	100
44) 2-Hexanone	9.177		420627	40.8020	ug/L	100
45) Dibromochloromethane	9.255		263222	10.1009	ug/L	100
46) 1,2-Dibromoethane (EDB)	9.361		196076	10.3973	ug/L	100
47) Chlorobenzene	9.871		821814	9.9564	ug/L	100
48) 1,1,1,2-Tetrachloroethane	9.957		314163	10.0716	ug/L	100
49) Ethylbenzene	9.994		1469712	9.9728	ug/L	100
50) m,p-Xylenes	10.114		1169642	9.9100	ug/L	100
51) o-Xylene	10.507		1185825	10.0452	ug/L	100
52) Styrene	10.515		906445	10.0353	ug/L	100
53) Bromoform	10.677		164913	10.0029	ug/L	100
54) Isopropylbenzene	10.880		1473486	9.8799	ug/L	100
58) 1,1,2,2-Tetrachloroethane	11.157		214916	10.3804	ug/L	100
57) Bromobenzene	11.159		373854	10.1689	ug/L	100
59) 1,2,3-Trichloropropane	11.196		60575	9.9258	ug/L	100
60) trans-1,4-Dichloro-2-butene	11.218		206897	41.0595	ug/L	100
61) n-Propylbenzene	11.290		420527	10.2021	ug/L	100
62) 2-Chlorotoluene	11.363		1011828	10.2562	ug/L	100
63) 1,3,5-Trimethylbenzene	11.472		1279642	10.1427	ug/L	100
64) 4-Chlorotoluene	11.472		368821	10.1804	ug/L	100
65) tert-Butylbenzene	11.795		253979	10.0582	ug/L	100
66) 1,2,4-Trimethylbenzene	11.840		1306808	10.1998	ug/L	100
67) sec-Butylbenzene	12.015		1584822	10.1758	ug/L	100
68) 1,3-Dichlorobenzene	12.107		731947	10.3375	ug/L	100
69) p-Isopropyltoluene	12.163		1399888	10.1643	ug/L	100
70) 1,4-Dichlorobenzene	12.194		716772	10.0879	ug/L	100
73) 1,2-Dichlorobenzene	12.565		663878	10.2665	ug/L	100
71) n-Butylbenzene	12.570		1234595	10.1375	ug/L	100
74) 1,2-Dibromo-3-chloropropane	13.332		49146	10.0217	ug/L	100
75) 1,2,4-Trichlorobenzene	14.179		531712	10.2821	ug/L	100
76) Hexachlorobutadiene	14.372		261965	10.0708	ug/L	100
77) Naphthalene	14.416		849801	10.4648	ug/L	100
78) 1,2,3-Trichlorobenzene	14.665		464475	10.4727	ug/L	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

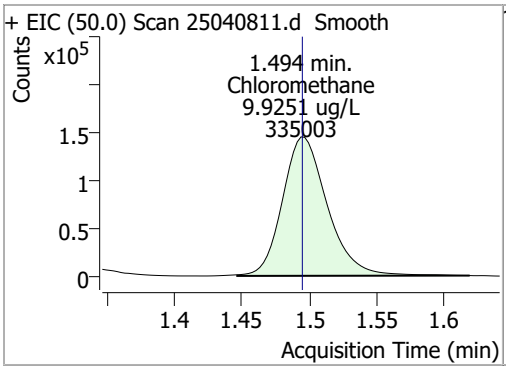
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	10.5057	1.33	0.00	335899	87.0	30.6	0.6	60.6

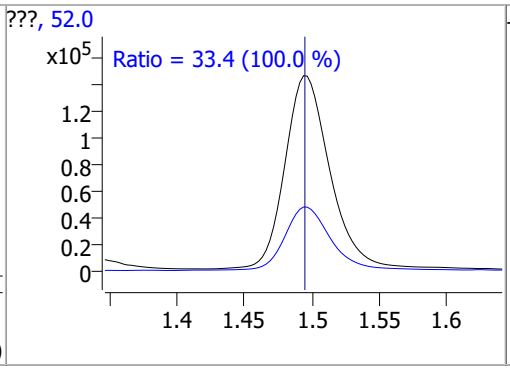


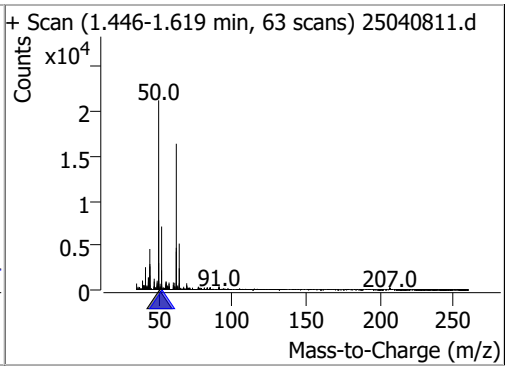




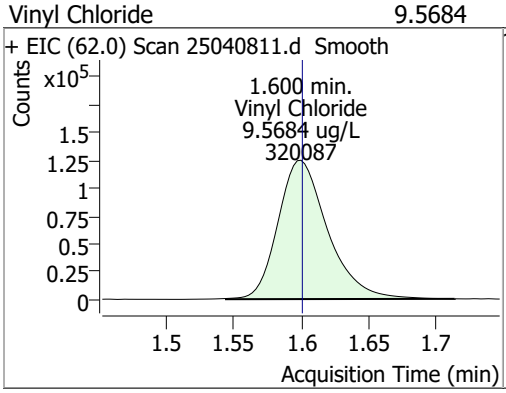
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	9.9251	1.49	0.00	335003	52.0	33.4	3.4	63.4

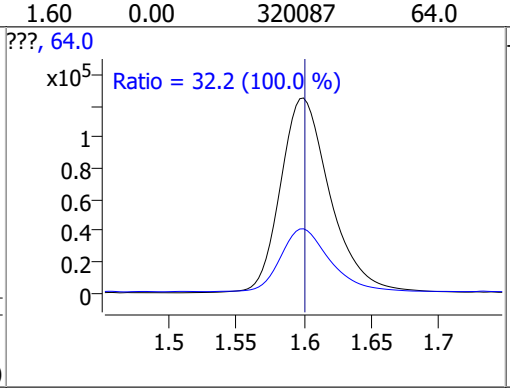


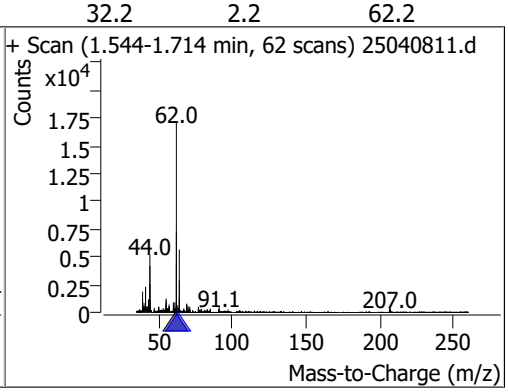




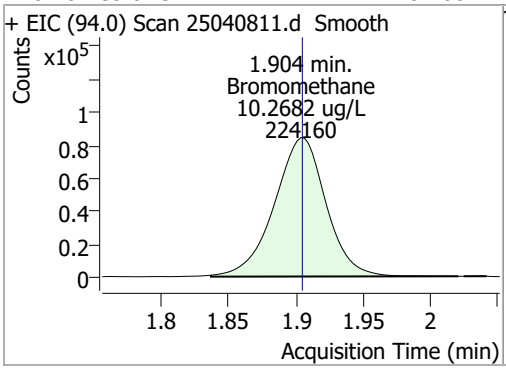
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	9.5684	1.60	0.00	320087	64.0	32.2	2.2	62.2

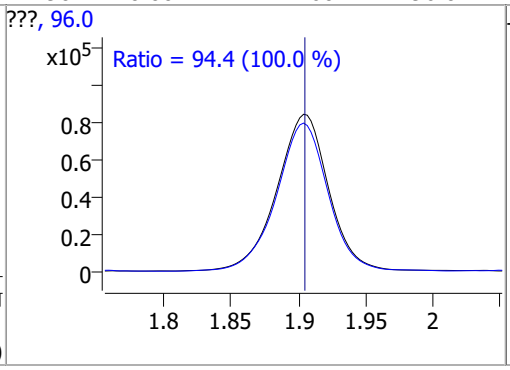


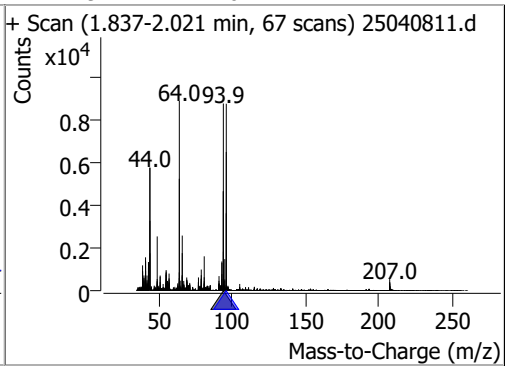




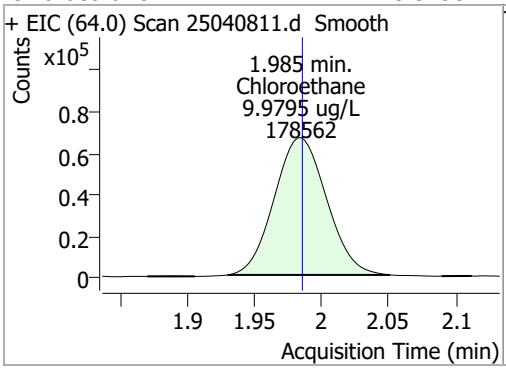
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	10.2682	1.90	0.00	224160	96.0	94.4	64.4	124.4

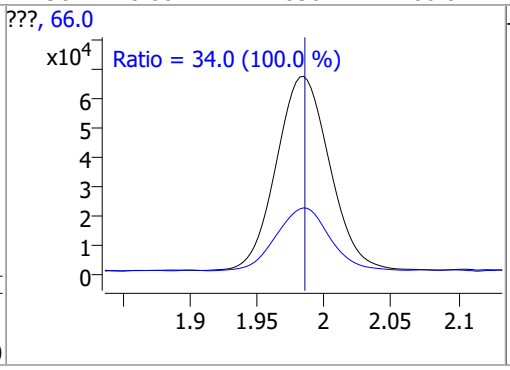


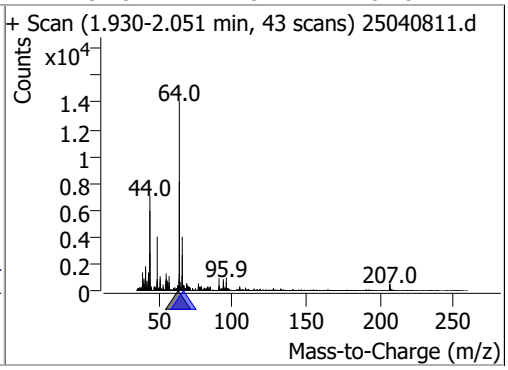




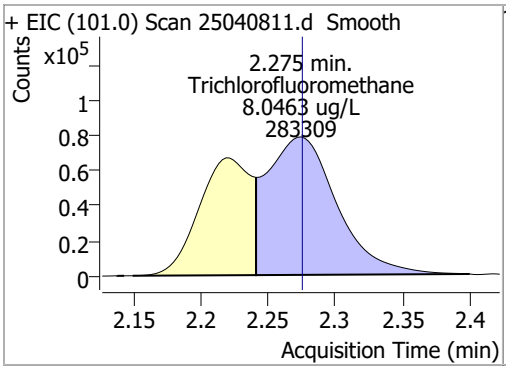
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	9.9795	1.98	0.00	178562	66.0	34.0	4.0	64.0

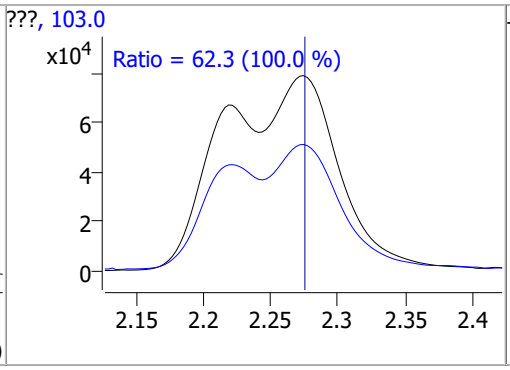


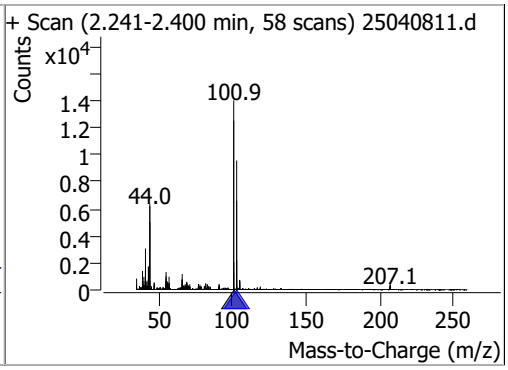




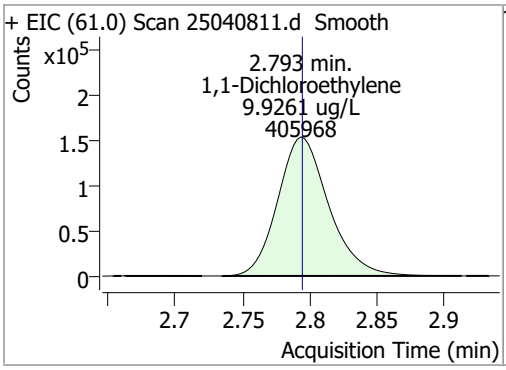
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	8.0463	2.27	0.00	283309	103.0	62.3	32.3	92.3

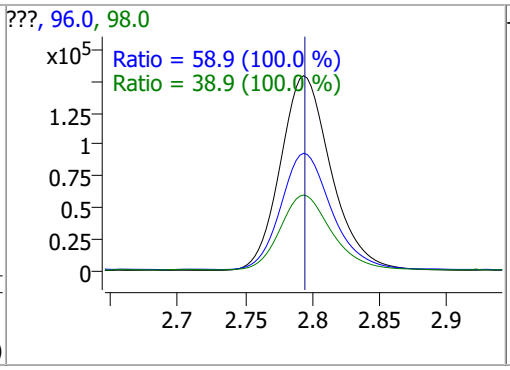


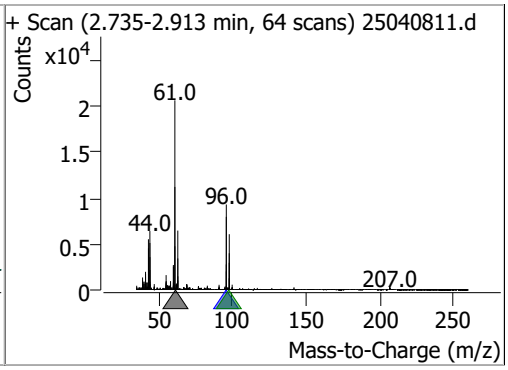




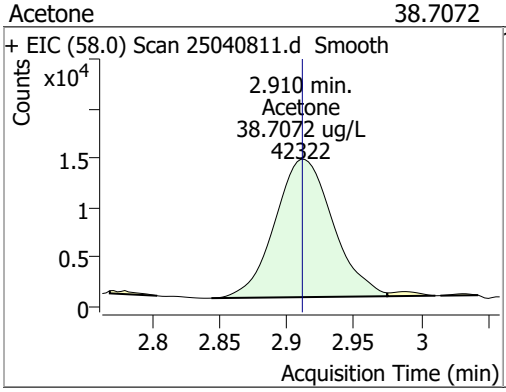
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	9.9261	2.79	0.00	405968	96.0	58.9	28.9	88.9
					98.0	38.9	8.9	68.9

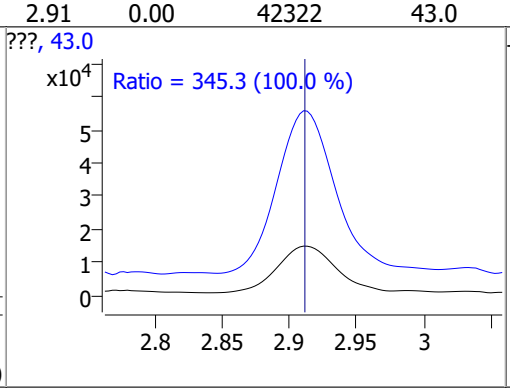


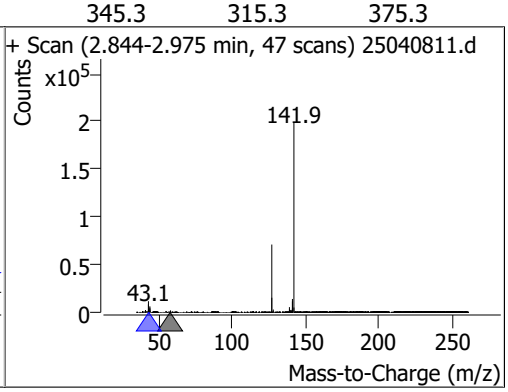




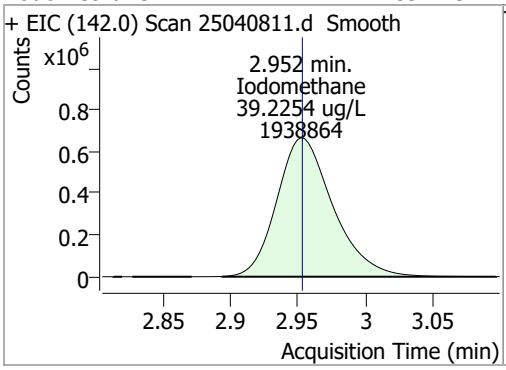
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	38.7072	2.91	0.00	42322	43.0	345.3	315.3	375.3

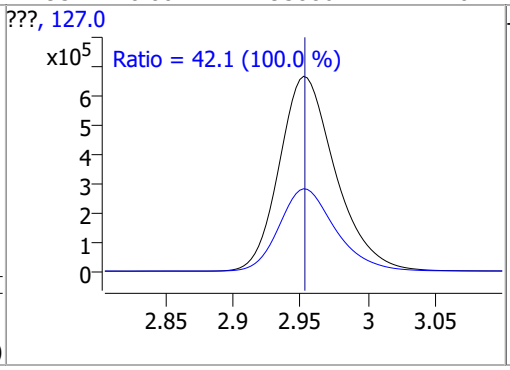


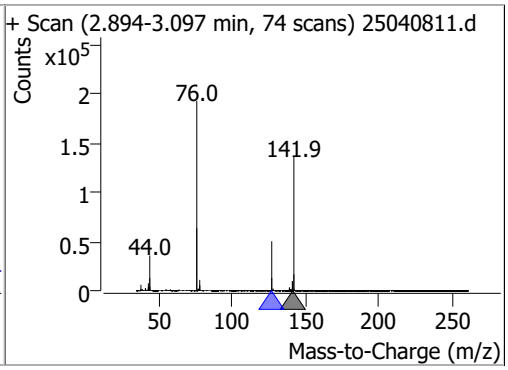




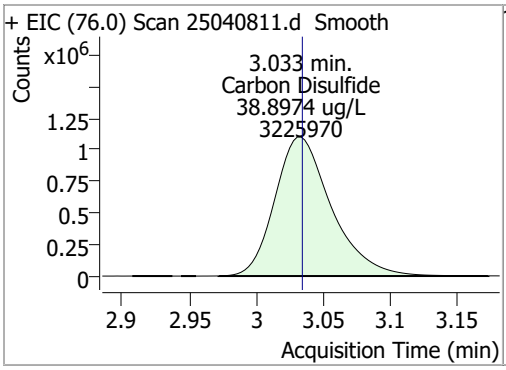
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	39.2254	2.95	0.00	1938864	127.0	42.1	12.1	72.1

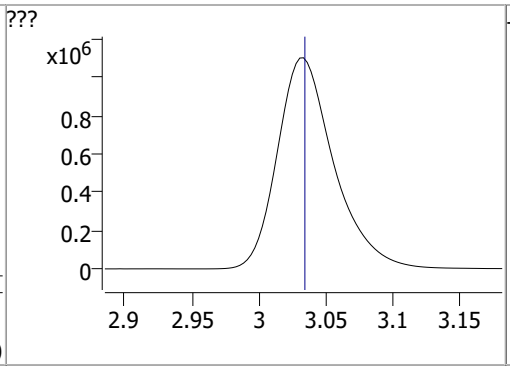


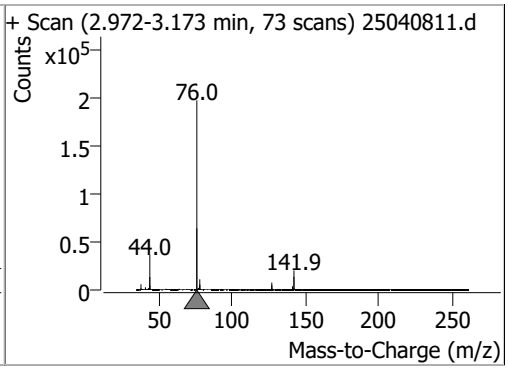




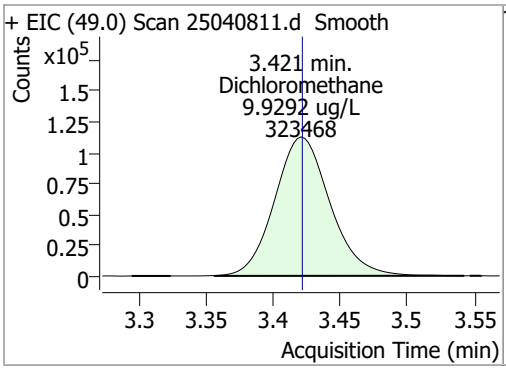
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	38.8974	3.03	0.00	3225970				

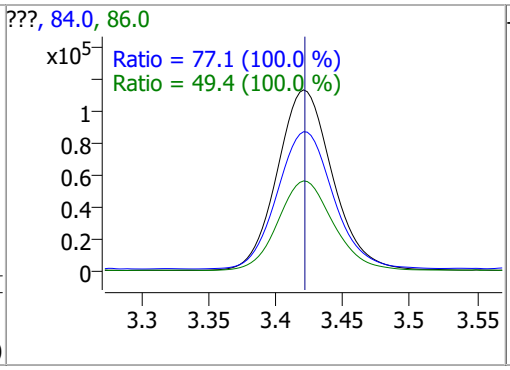


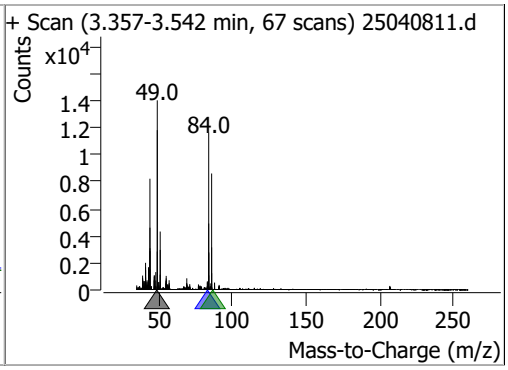




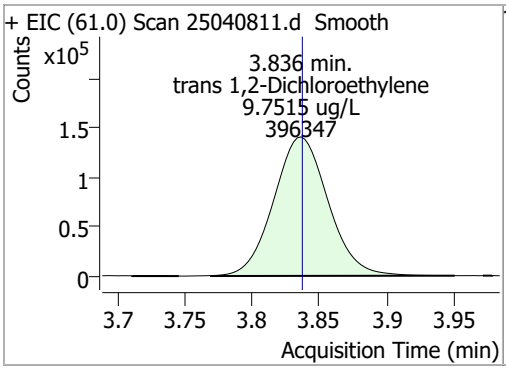
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	9.9292	3.42	0.00	323468	84.0	77.1	47.1	107.1
					86.0	49.4	19.4	79.4

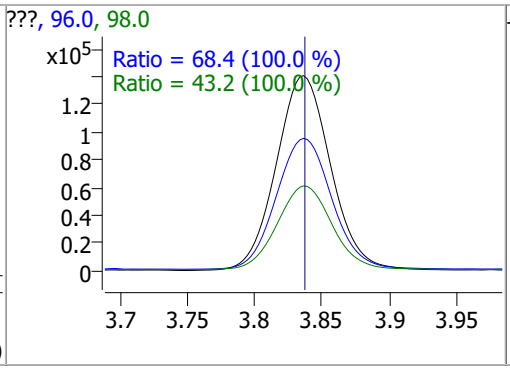


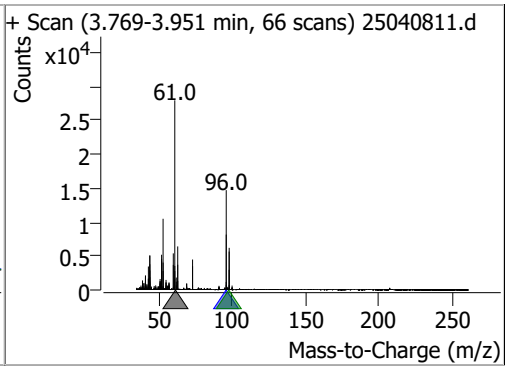




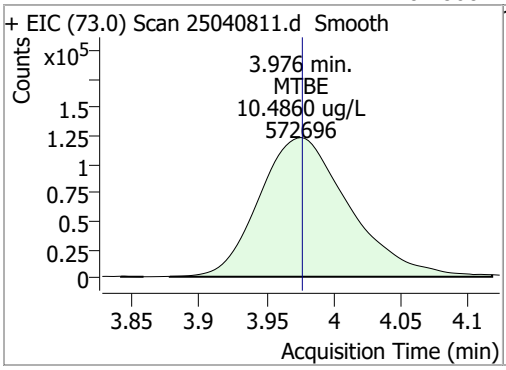
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	9.7515	3.84	0.00	396347	96.0	68.4	38.4	98.4
					98.0	43.2	13.2	73.2

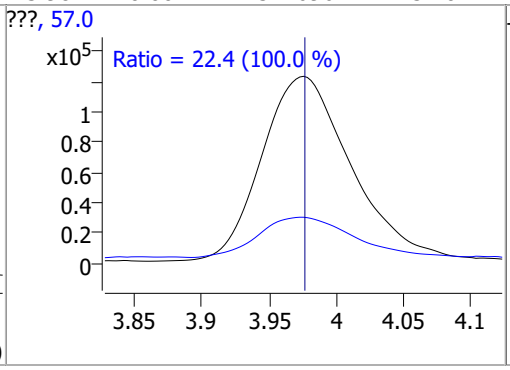


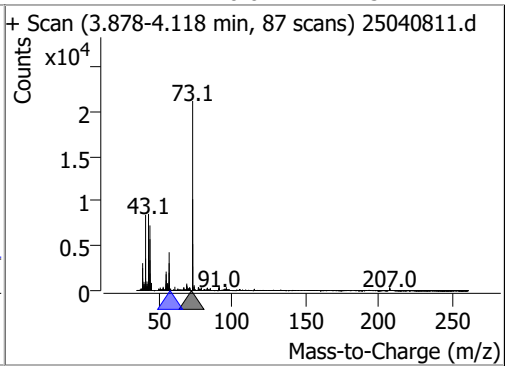




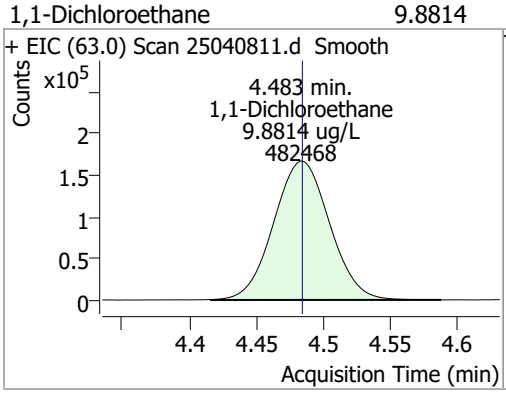
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	10.4860	3.98	0.00	572696	57.0	22.4	0.0	52.4

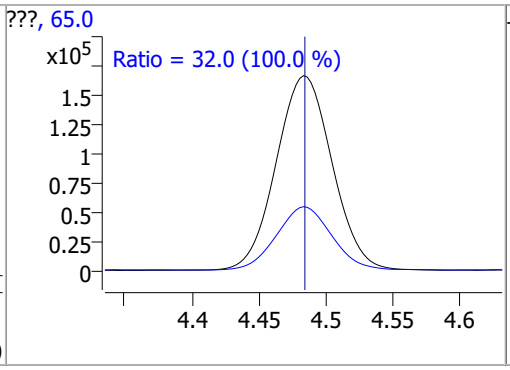


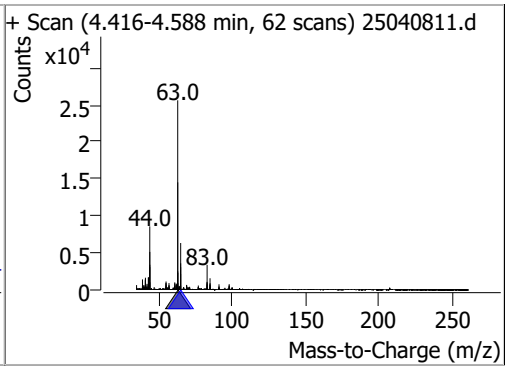




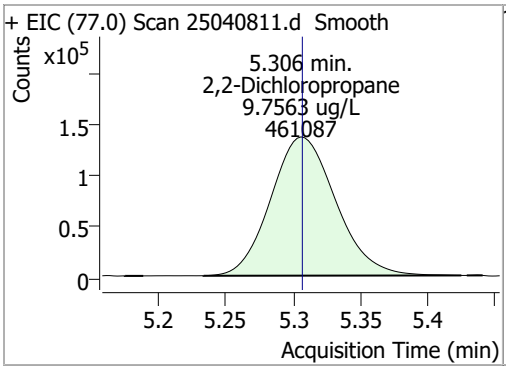
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	9.8814	4.48	0.00	482468	65.0	32.0	2.0	62.0

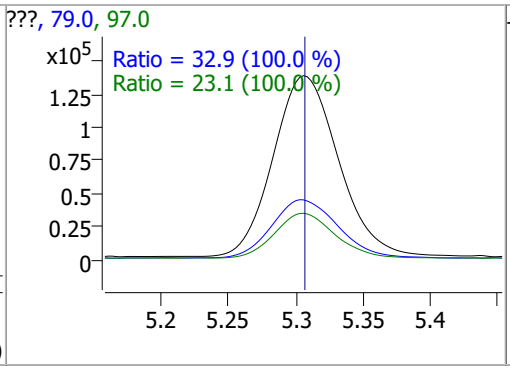


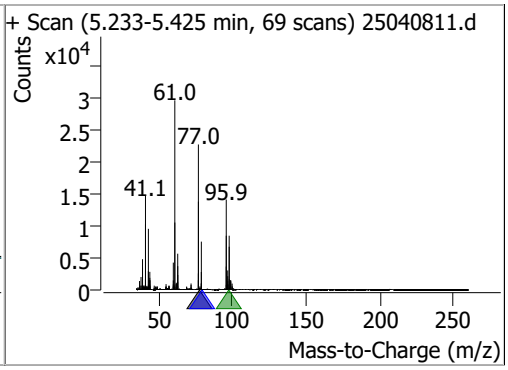




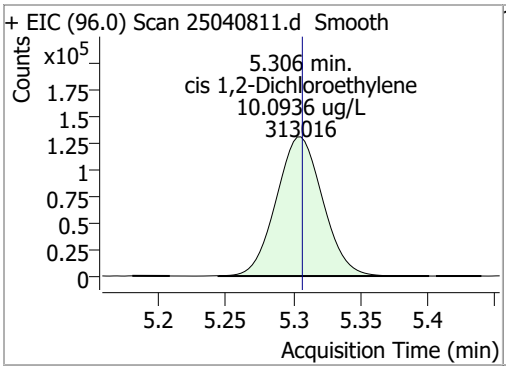
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	9.7563	5.31	0.00	461087	79.0	32.9	2.9	62.9
					97.0	23.1	0.0	53.1

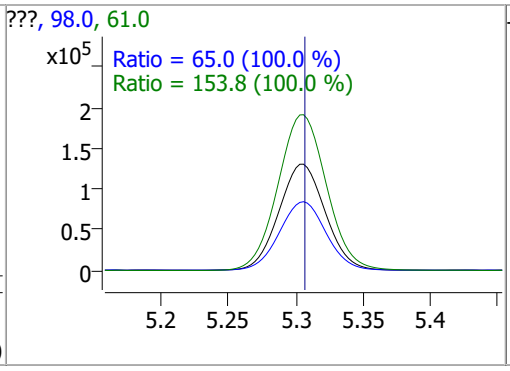


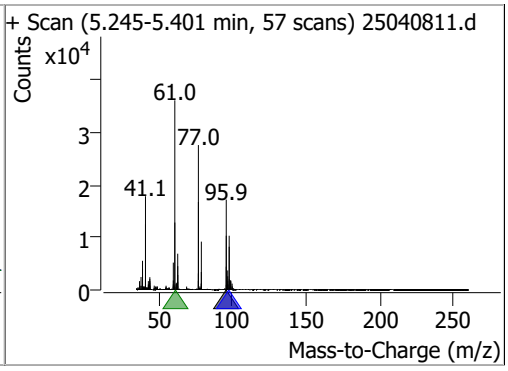




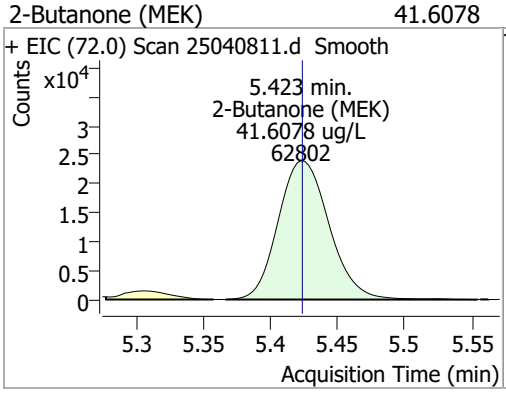
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	10.0936	5.31	0.00	313016	61.0	153.8	123.8	183.8
					98.0	65.0	35.0	95.0

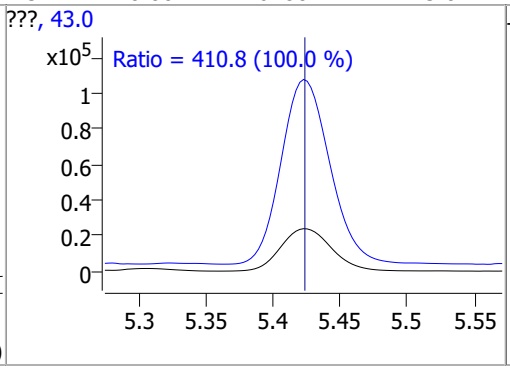


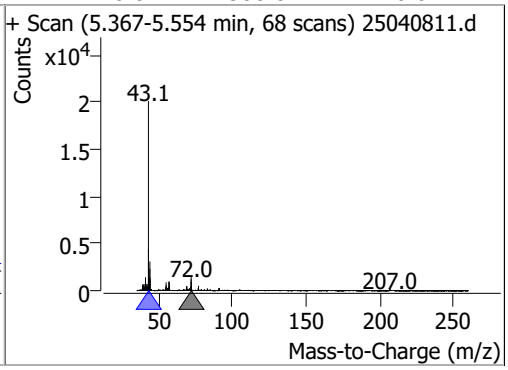




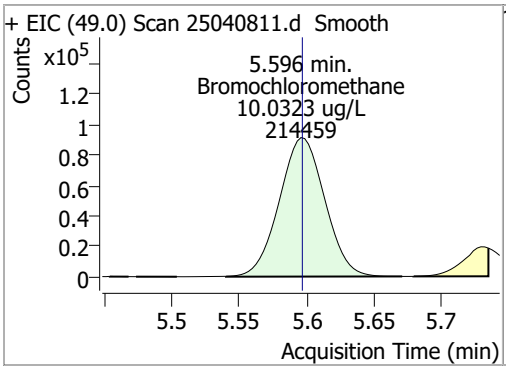
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	41.6078	5.42	0.00	62802	43.0	410.8	380.8	440.8

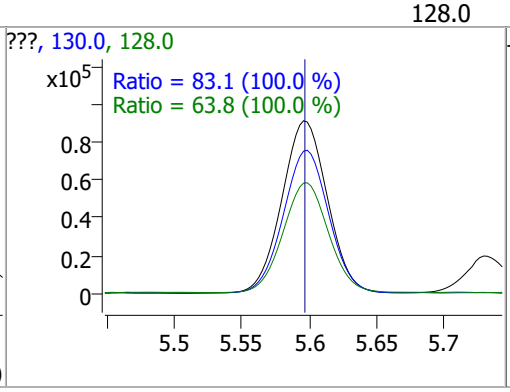


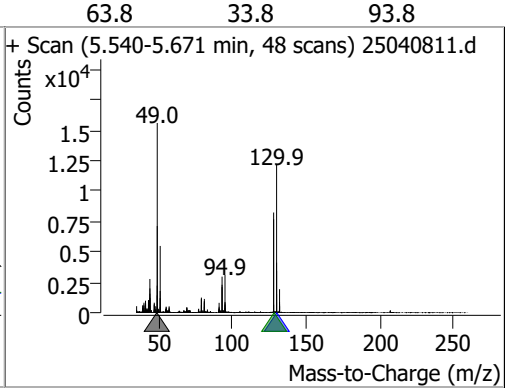




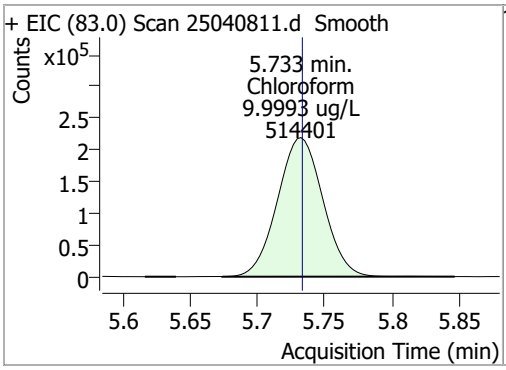
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	10.0323	5.60	0.00	214459	130.0	83.1	53.1	113.1
					128.0	63.8	33.8	93.8

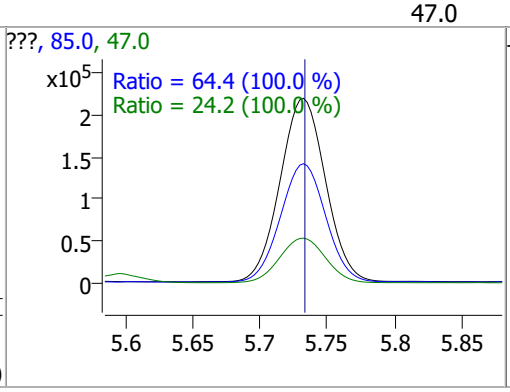


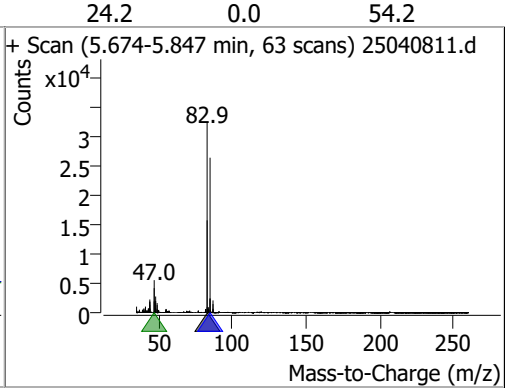




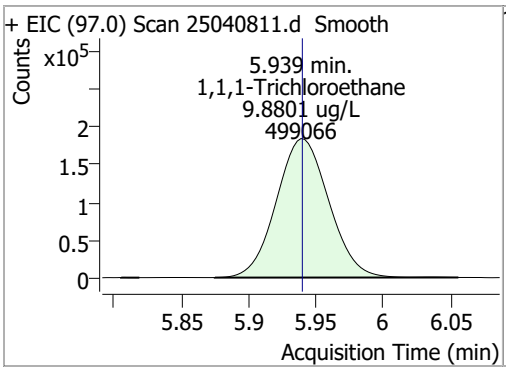
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	9.9993	5.73	0.00	514401	85.0	64.4	34.4	94.4
					47.0	24.2	0.0	54.2

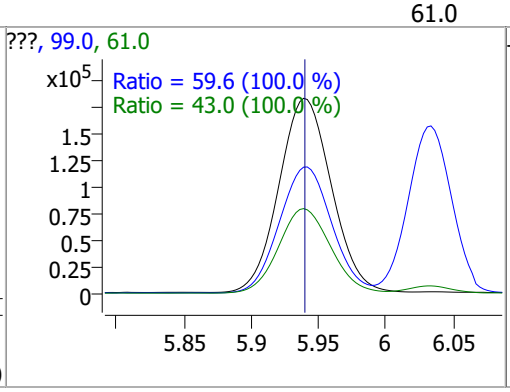


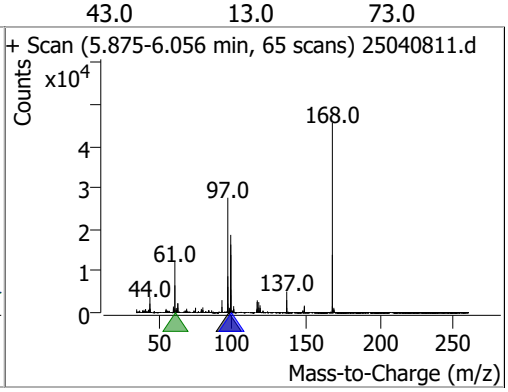




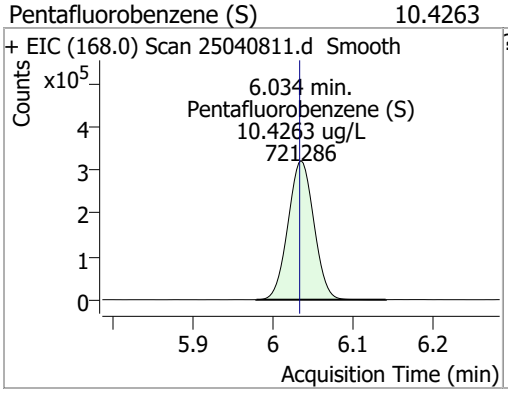
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	9.8801	5.94	0.00	499066	99.0	59.6	29.6	89.6
					61.0	43.0	13.0	73.0

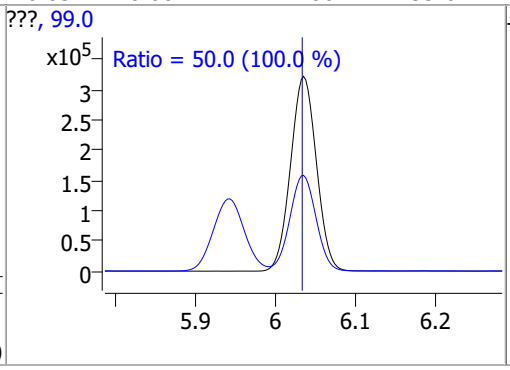


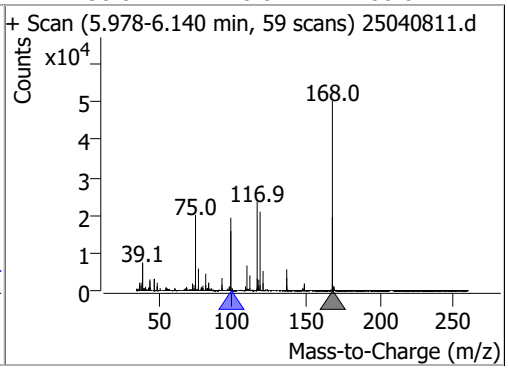




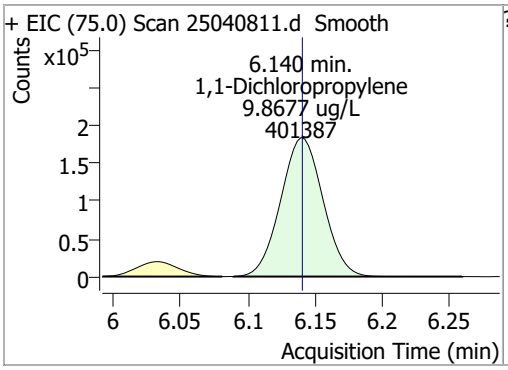
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	10.4263	6.03	0.00	721286	99.0	50.0	20.0	80.0

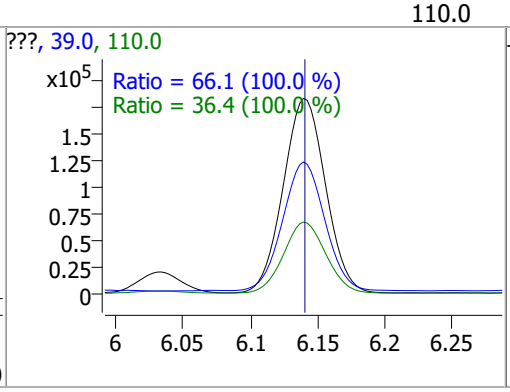


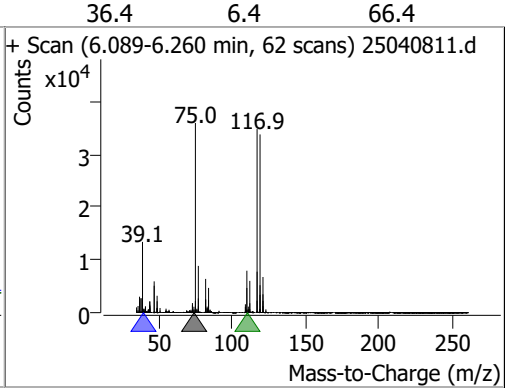




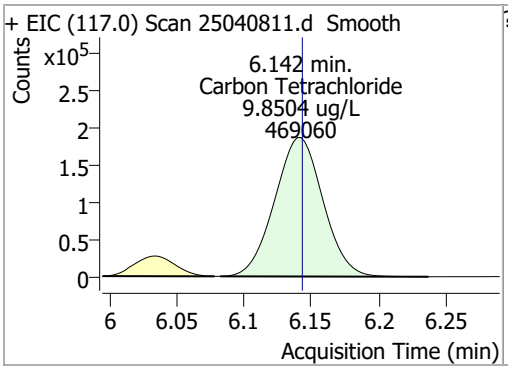
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	9.8677	6.14	0.00	401387	39.0	66.1	36.1	96.1
					110.0	36.4	6.4	66.4

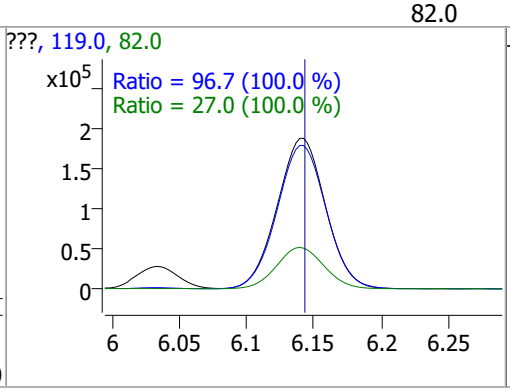


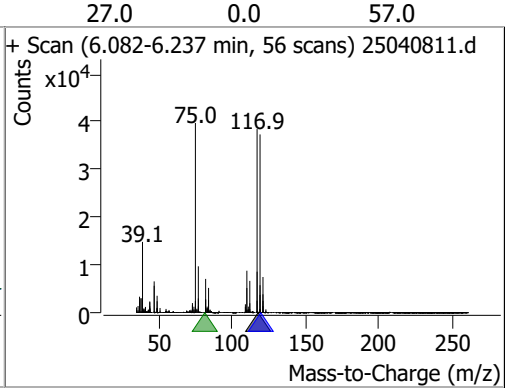




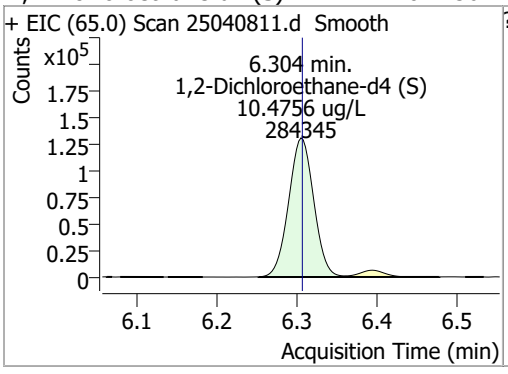
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	9.8504	6.14	0.00	469060	119.0	96.7	66.7	126.7
					82.0	27.0	0.0	57.0

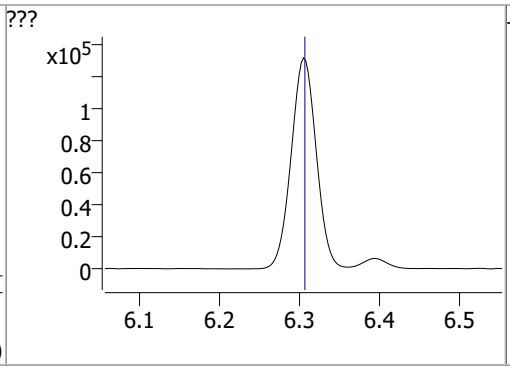


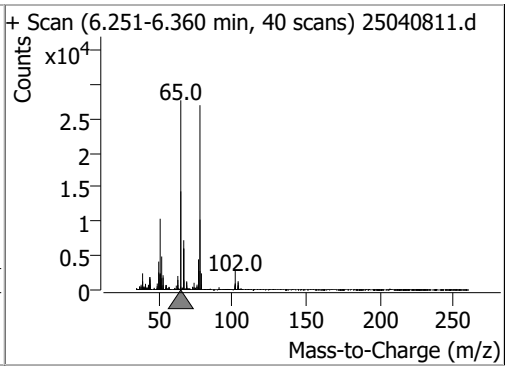




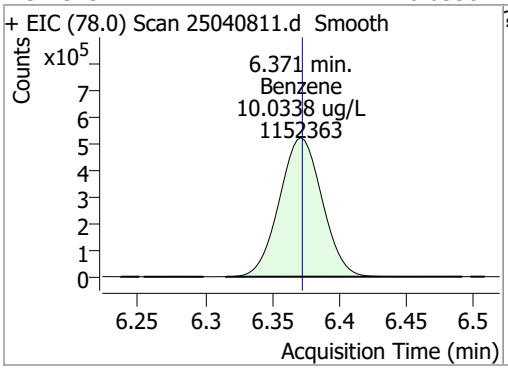
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	10.4756	6.30	0.00	284345				

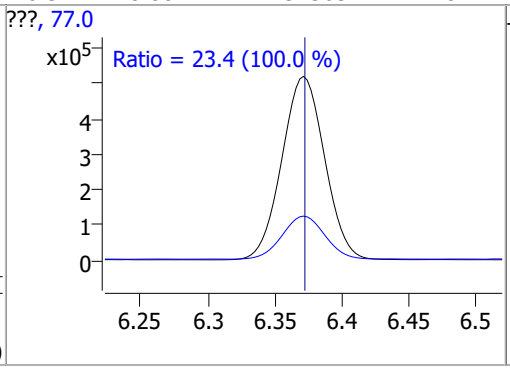


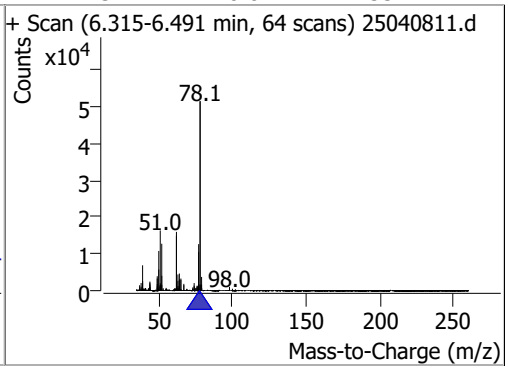




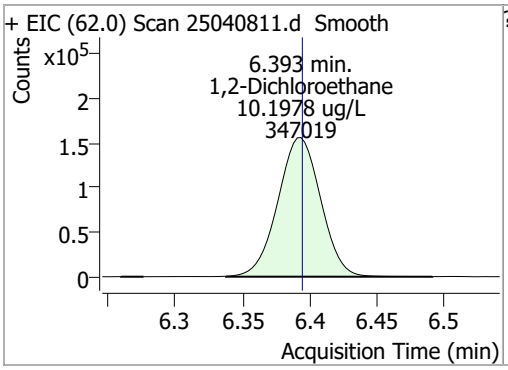
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	10.0338	6.37	0.00	1152363	77.0	23.4	0.0	53.4

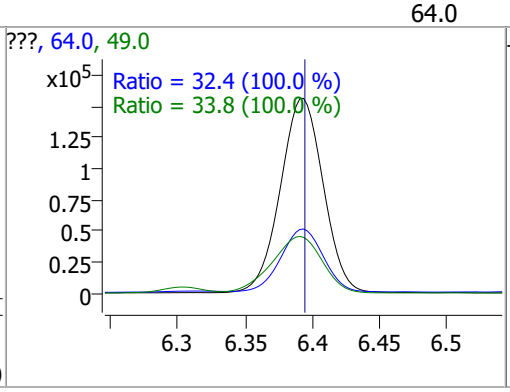


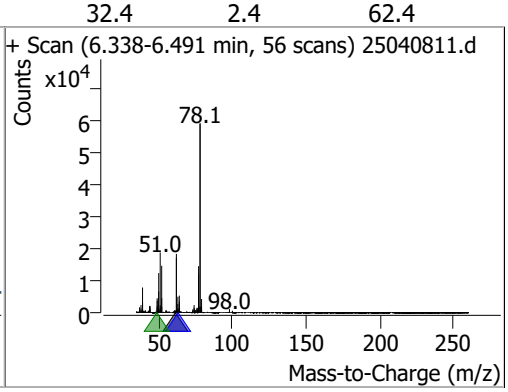




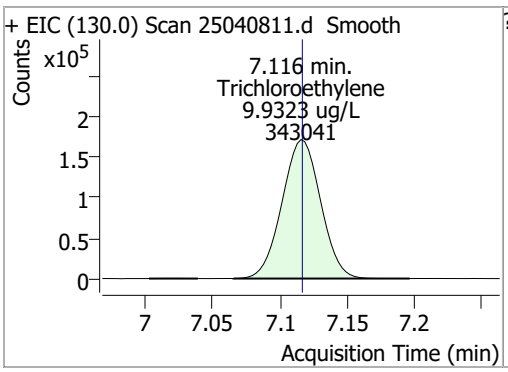
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	10.1978	6.39	0.00	347019	49.0	33.8	3.8	63.8
					64.0	32.4	2.4	62.4

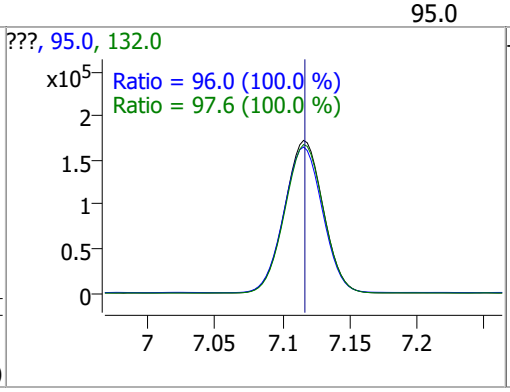


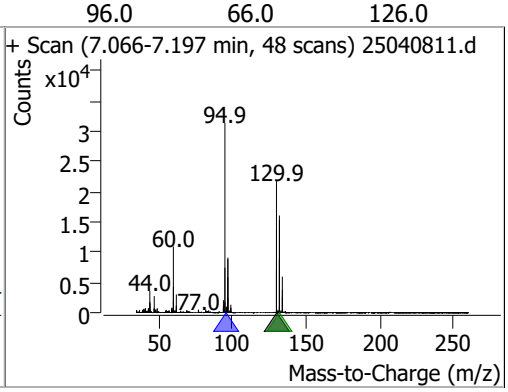




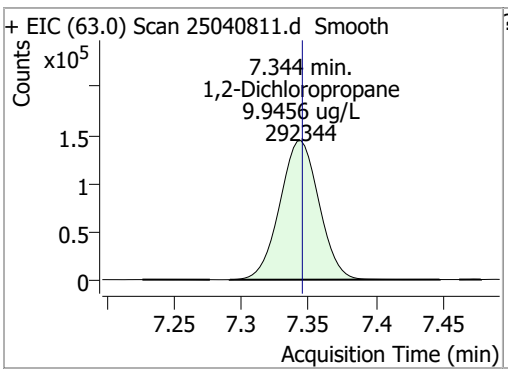
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	9.9323	7.12	0.00	343041	132.0	97.6	67.6	127.6
					95.0	96.0	66.0	126.0

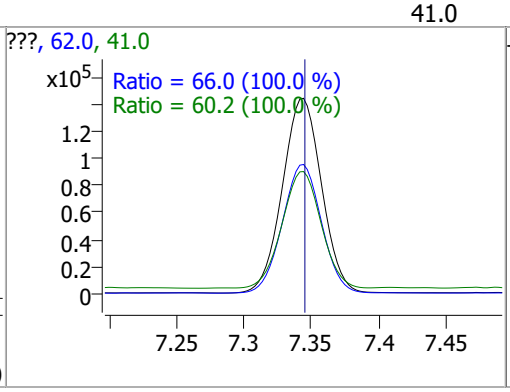


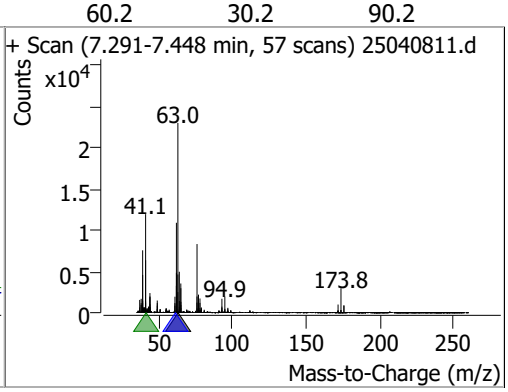




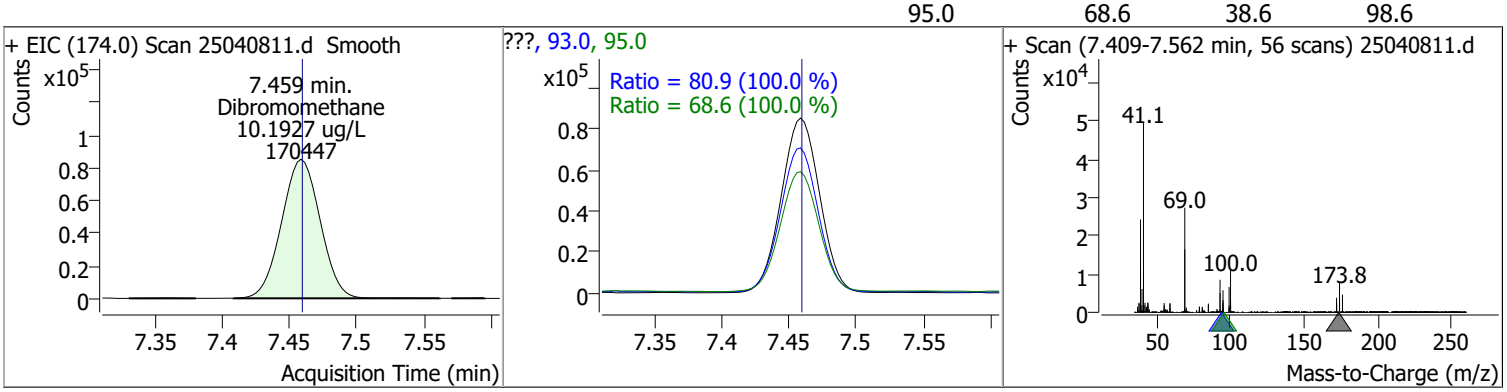
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	9.9456	7.34	0.00	292344	62.0	66.0	36.0	96.0
					41.0	60.2	30.2	90.2



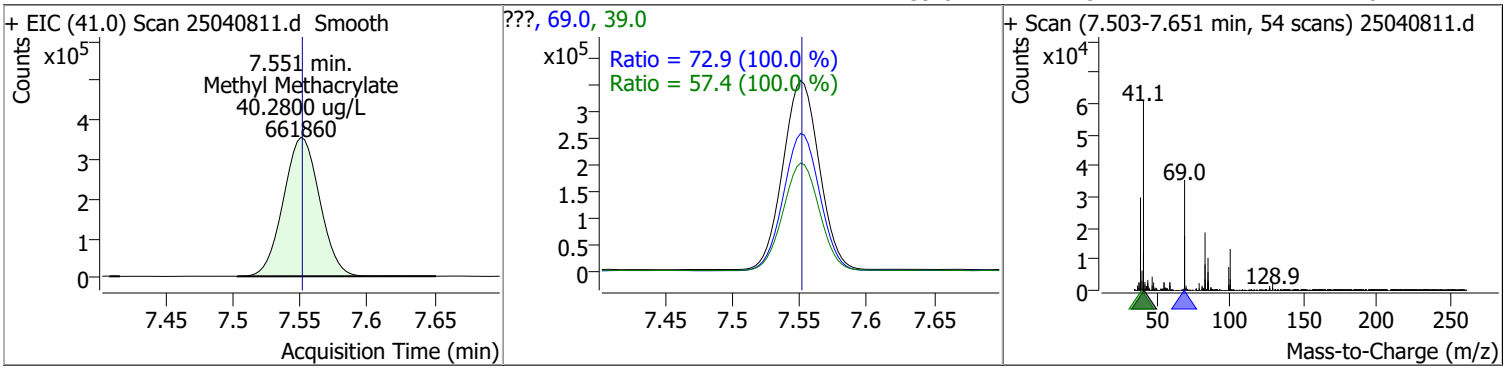




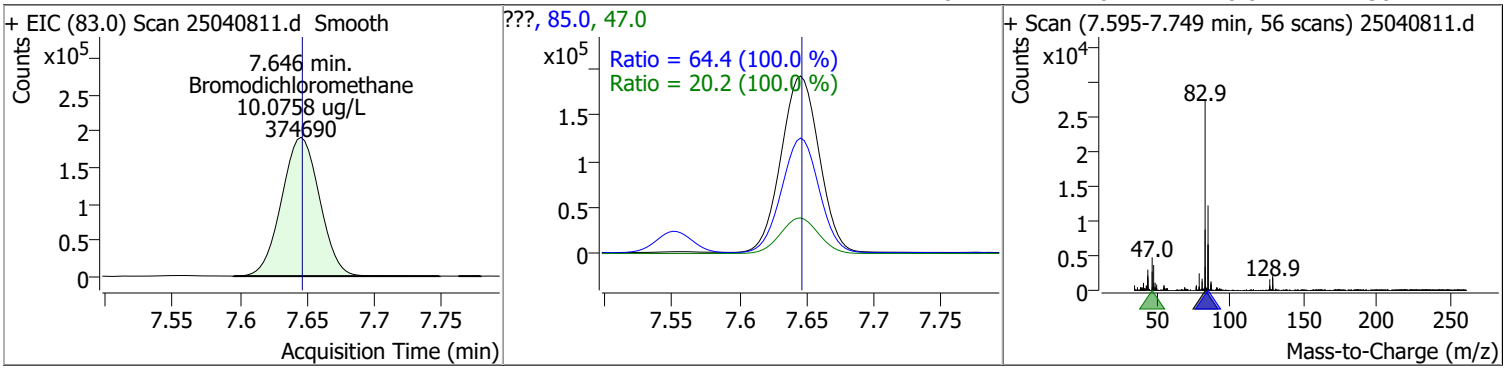
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	10.1927	7.46	0.00	170447	93.0	80.9	50.9	110.9
					95.0	68.6	38.6	98.6



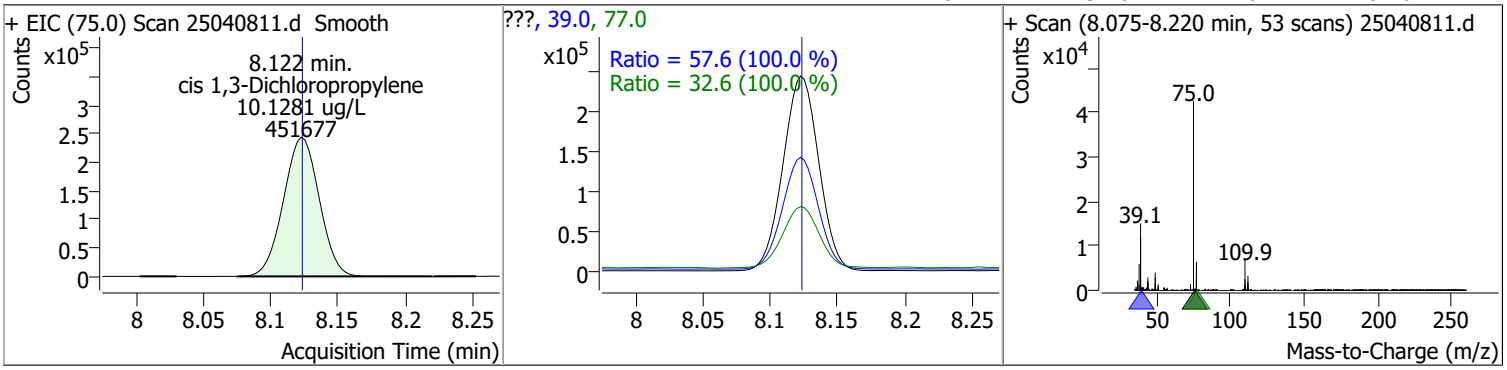
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	40.2800	7.55	0.00	661860	69.0	72.9	42.9	102.9
					39.0	57.4	27.4	87.4



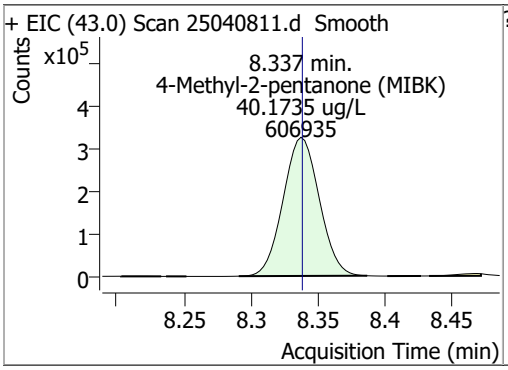
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	10.0758	7.65	0.00	374690	85.0	64.4	34.4	94.4
					47.0	20.2	0.0	50.2

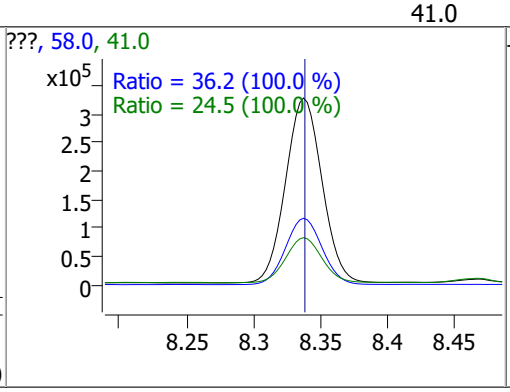


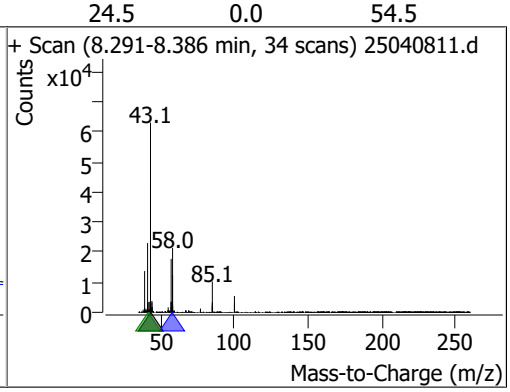
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	10.1281	8.12	0.00	451677	39.0	57.6	27.6	87.6
					77.0	32.6	2.6	62.6



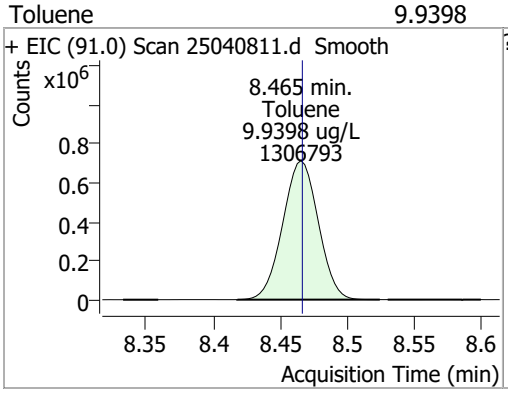
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	40.1735	8.34	0.00	606935	58.0	36.2	6.2	66.2
					41.0	24.5	0.0	54.5

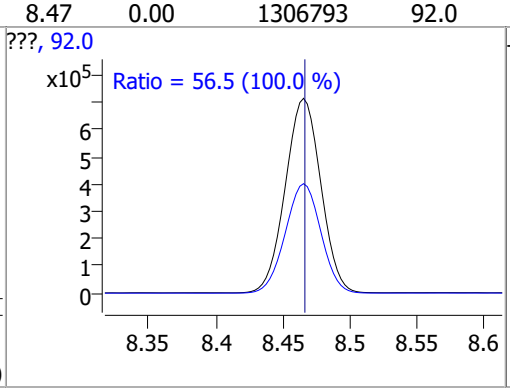


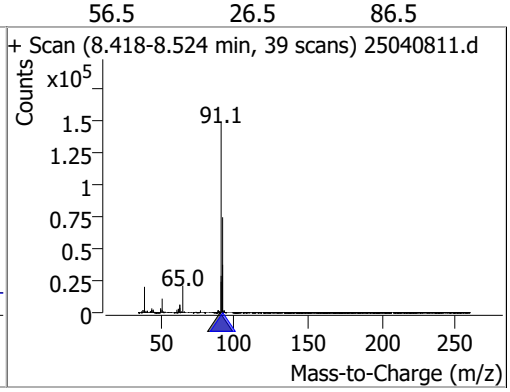




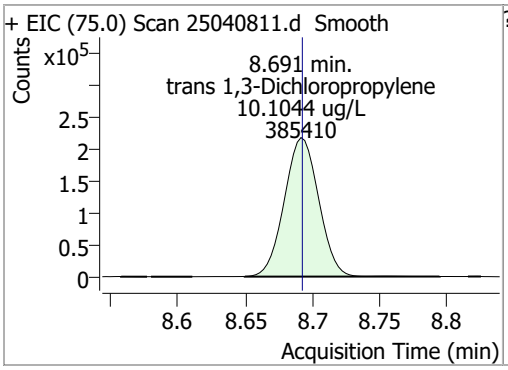
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	9.9398	8.47	0.00	1306793	92.0	56.5	26.5	86.5

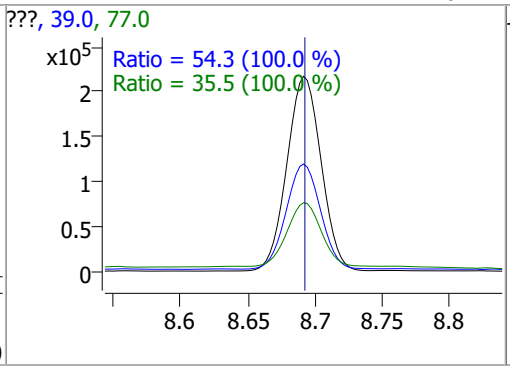


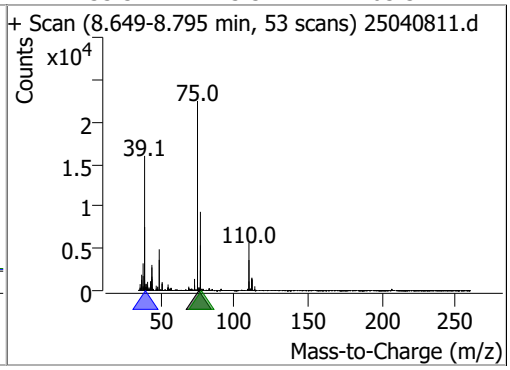




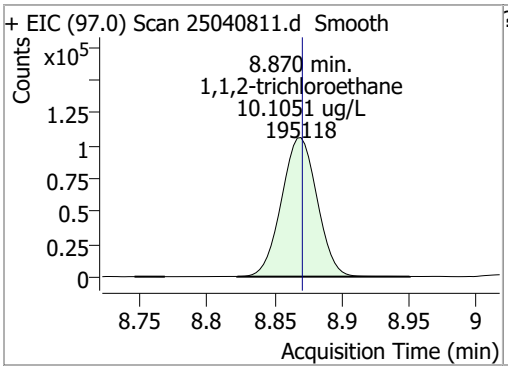
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	10.1044	8.69	0.00	385410	39.0	54.3	24.3	84.3
					77.0	35.5	5.5	65.5

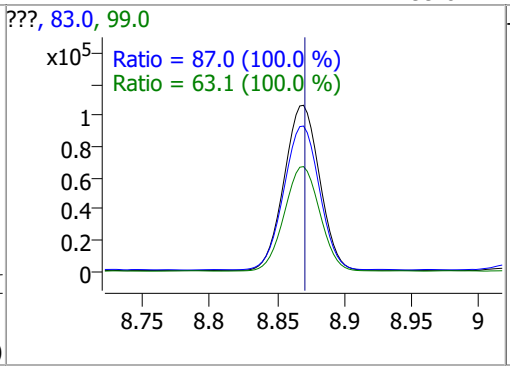


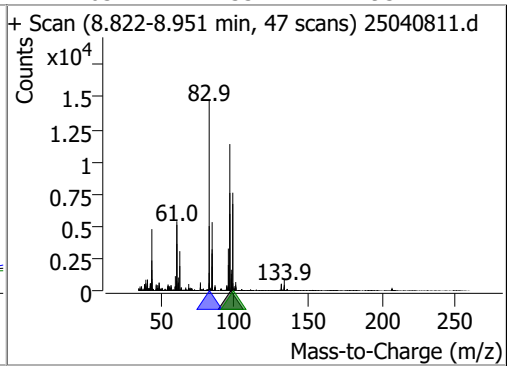




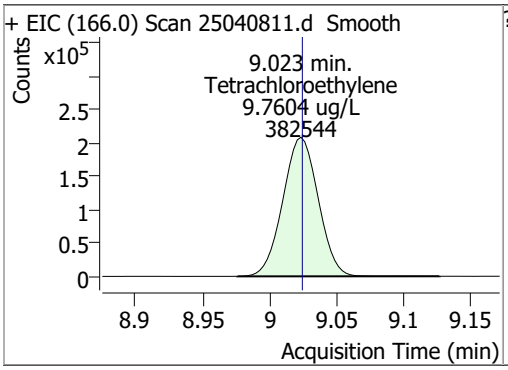
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	10.1051	8.87	0.00	195118	83.0	87.0	57.0	117.0
					99.0	63.1	33.1	93.1

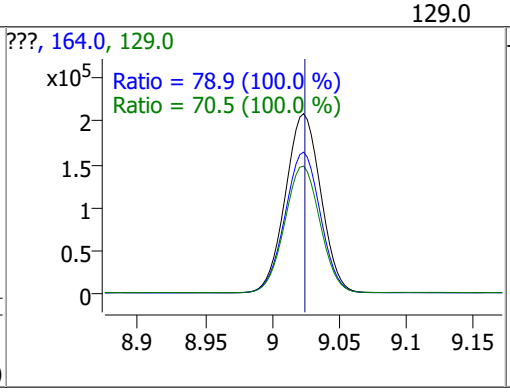


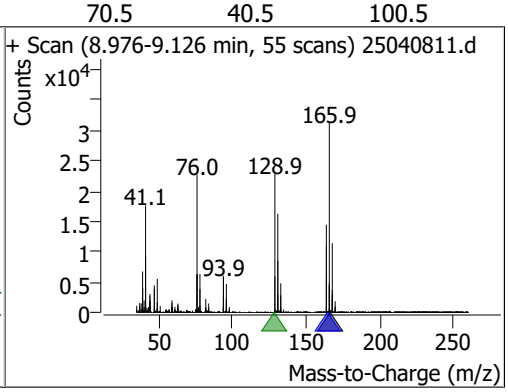




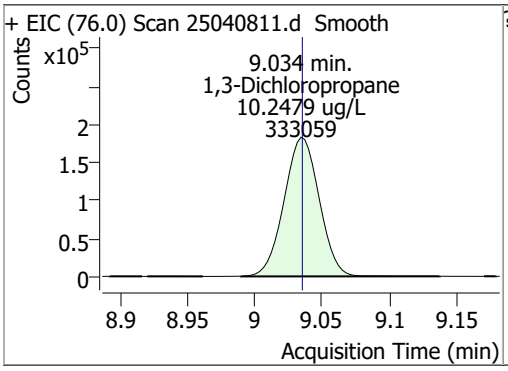
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	9.7604	9.02	0.00	382544	164.0	78.9	48.9	108.9
					129.0	70.5	40.5	100.5

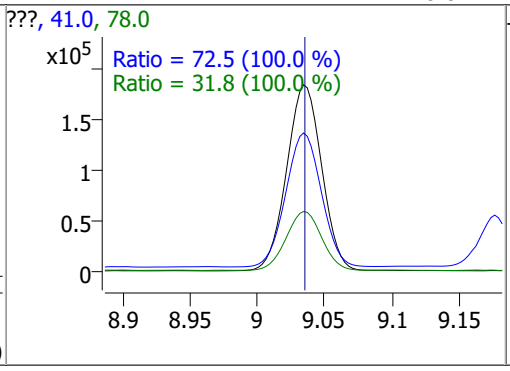


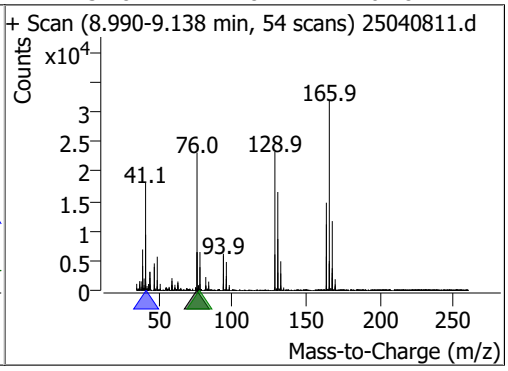




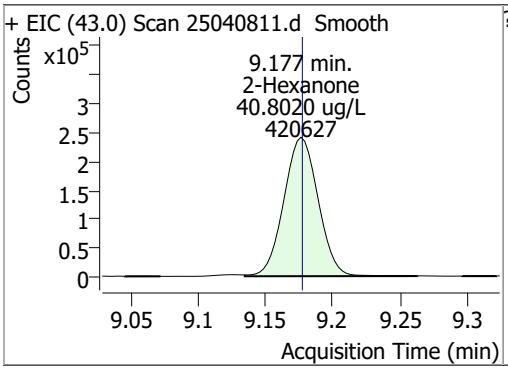
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	10.2479	9.03	0.00	333059	41.0	72.5	42.5	102.5
					78.0	31.8	1.8	61.8

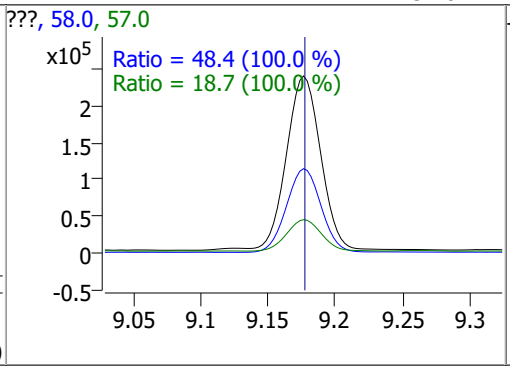


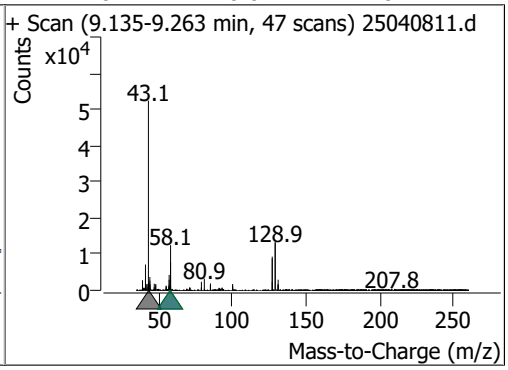




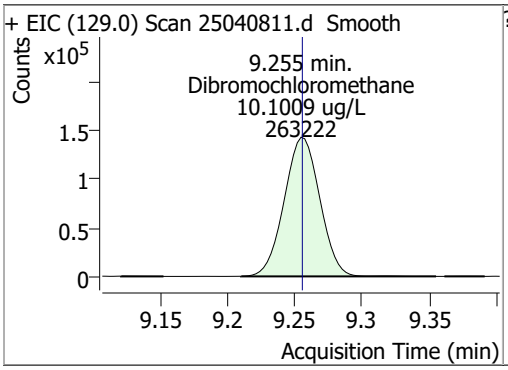
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	40.8020	9.18	0.00	420627	58.0	48.4	18.4	78.4
					57.0	18.7	0.0	48.7

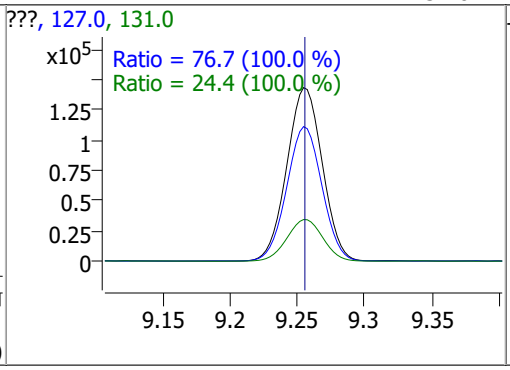


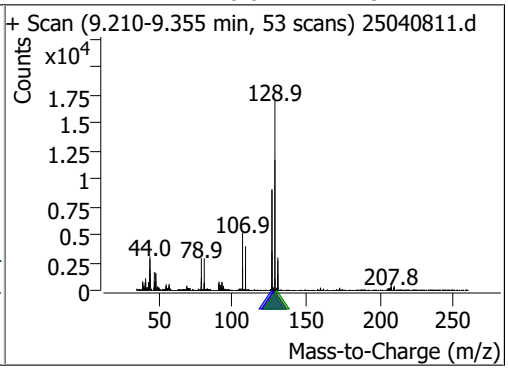




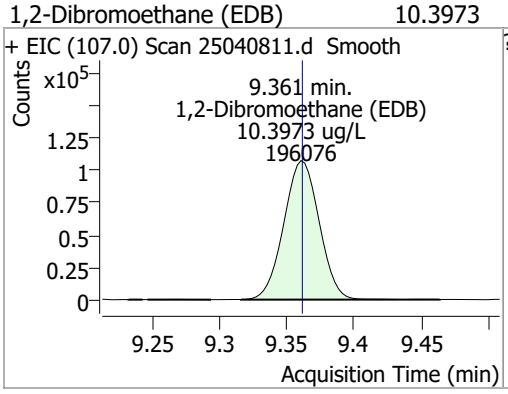
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	10.1009	9.25	0.00	263222	127.0	76.7	46.7	106.7
					131.0	24.4	0.0	54.4

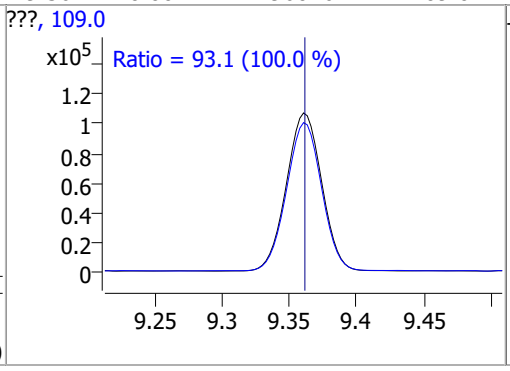


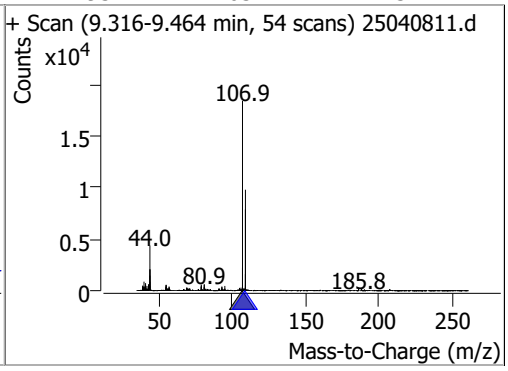




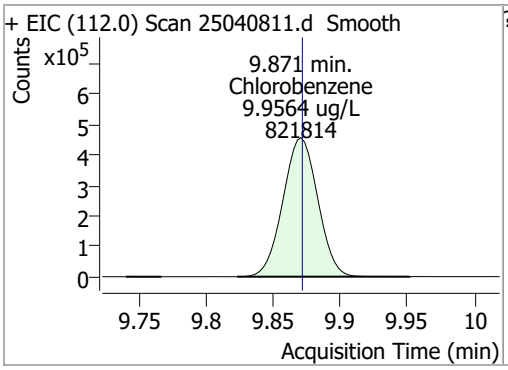
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	10.3973	9.36	0.00	196076	109.0	93.1	63.1	123.1

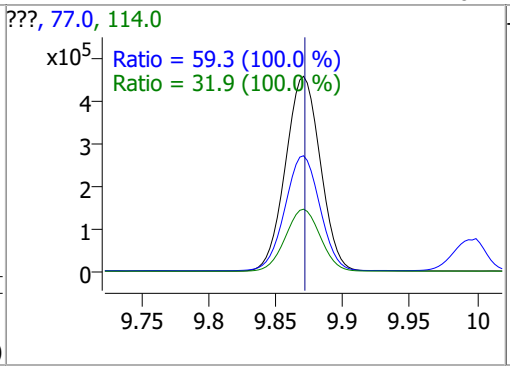


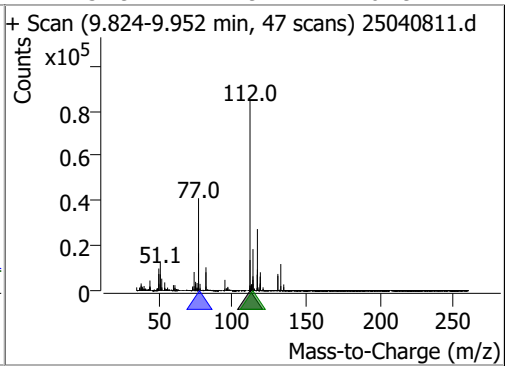




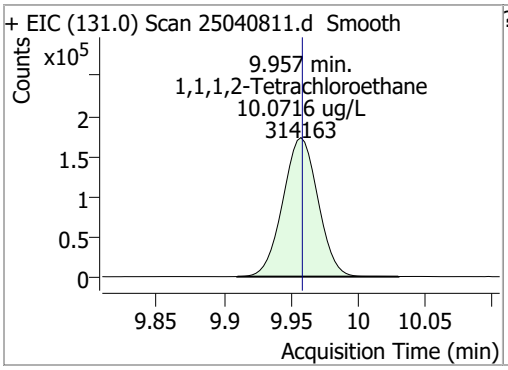
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	9.9564	9.87	0.00	821814	77.0	59.3	29.3	89.3
					114.0	31.9	1.9	61.9

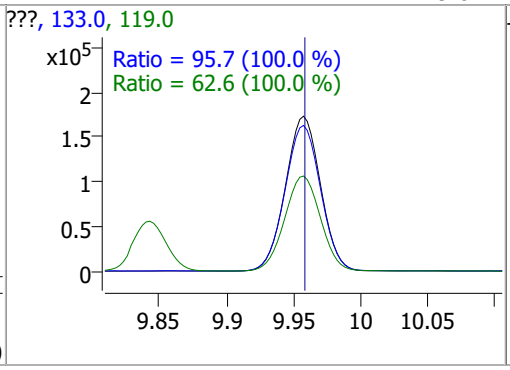


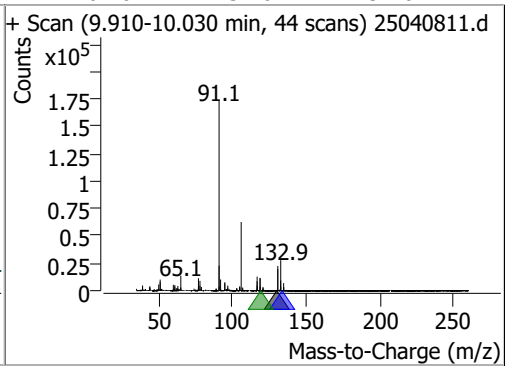




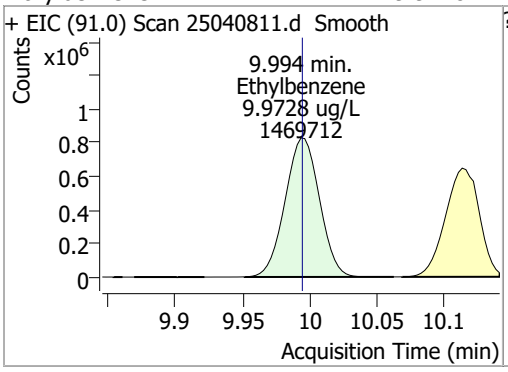
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	10.0716	9.96	0.00	314163	133.0	95.7	65.7	125.7
					119.0	62.6	32.6	92.6

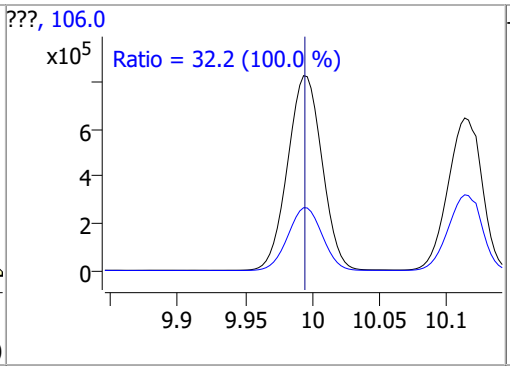


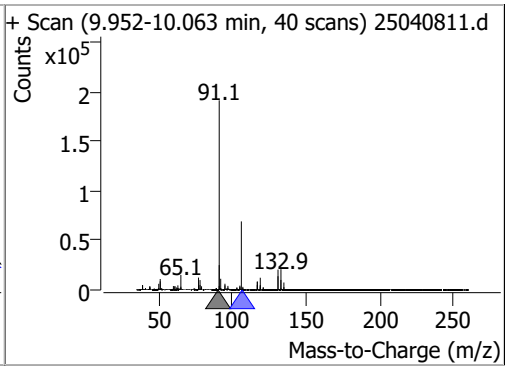




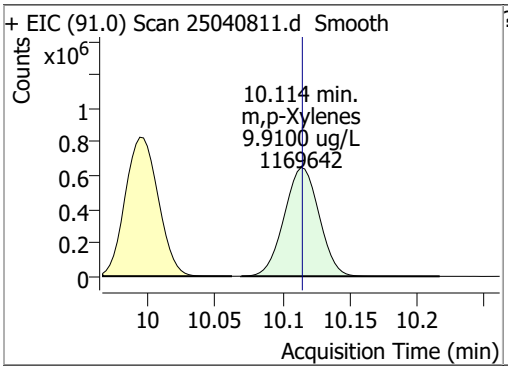
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	9.9728	9.99	0.00	1469712	106.0	32.2	2.2	62.2

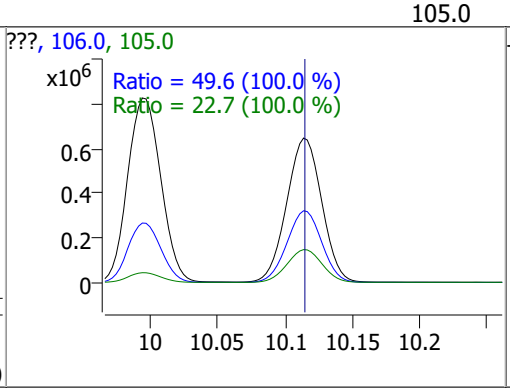


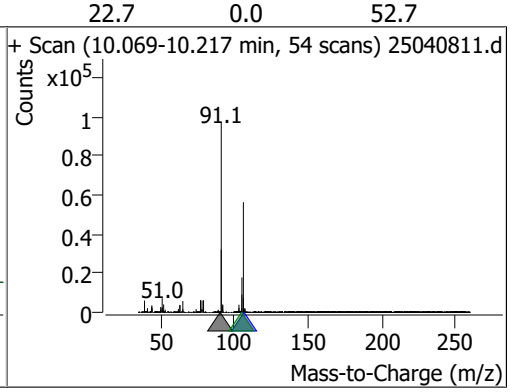




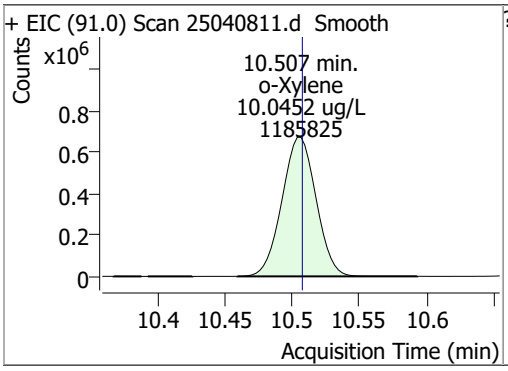
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	9.9100	10.11	0.00	1169642	106.0	49.6	19.6	79.6
					105.0	22.7	0.0	52.7

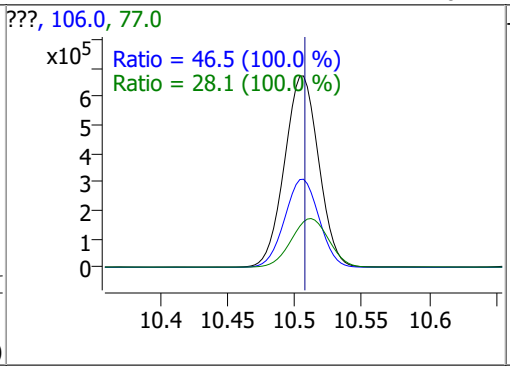


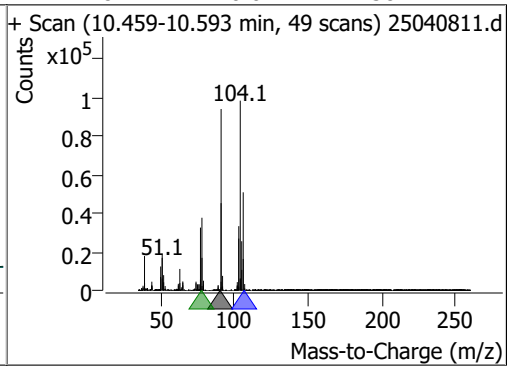




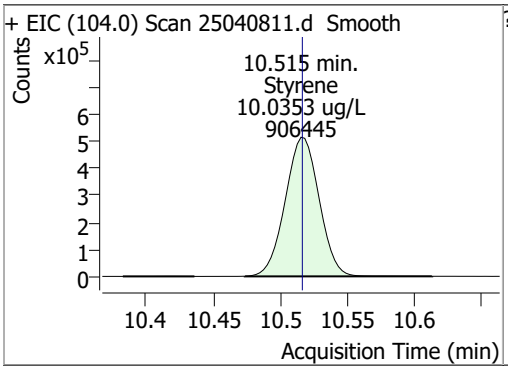
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	10.0452	10.51	0.00	1185825	106.0	46.5	16.5	76.5
					77.0	28.1	0.0	58.1

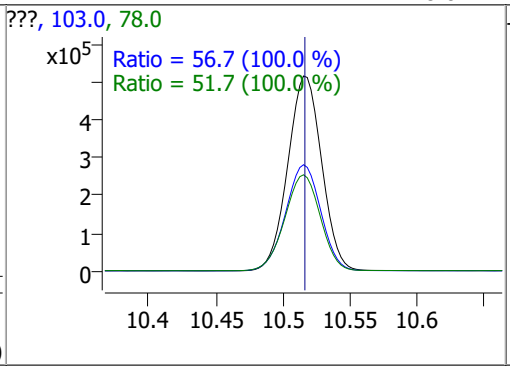


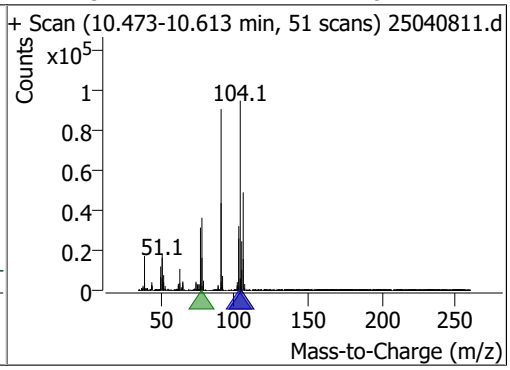




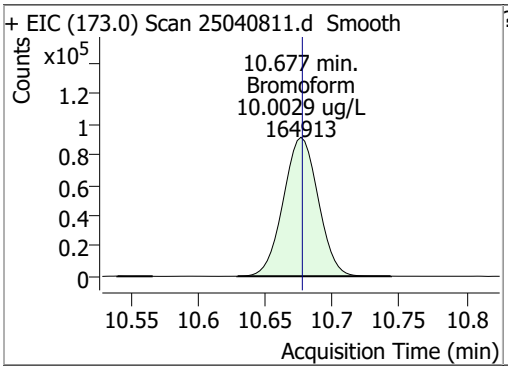
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	10.0353	10.52	0.00	906445	103.0	56.7	26.7	86.7
					78.0	51.7	21.7	81.7

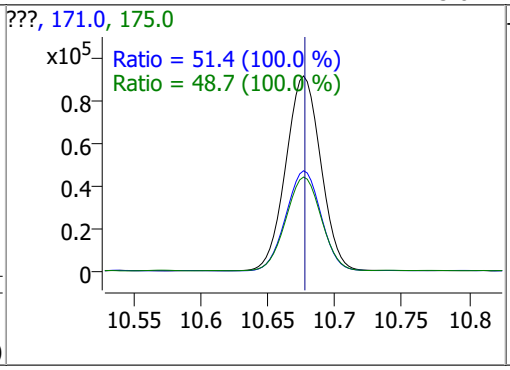


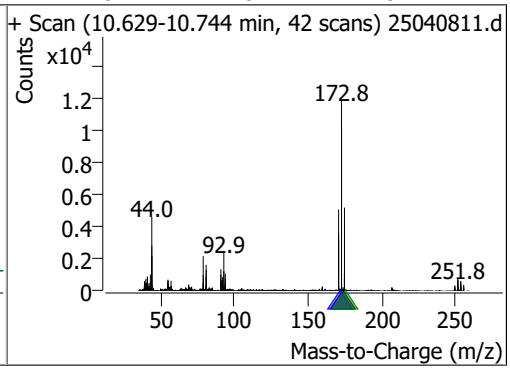




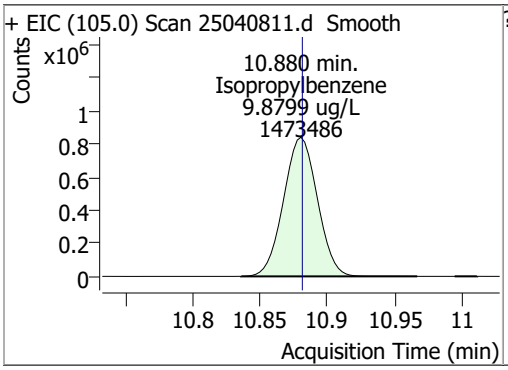
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	10.0029	10.68	0.00	164913	171.0	51.4	21.4	81.4
					175.0	48.7	18.7	78.7

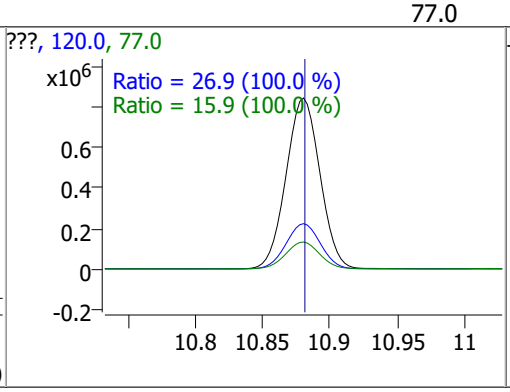


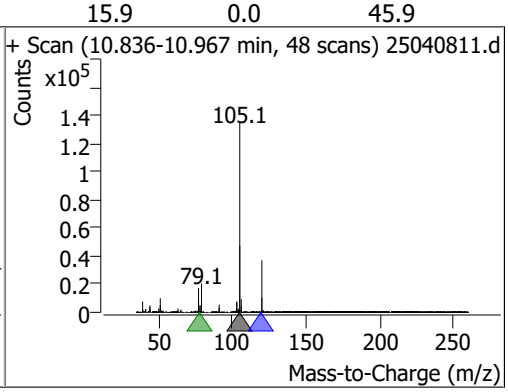




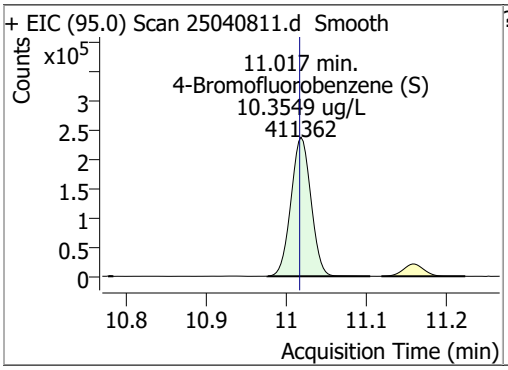
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	9.8799	10.88	0.00	1473486	120.0	26.9	0.0	56.9
					77.0	15.9	0.0	45.9

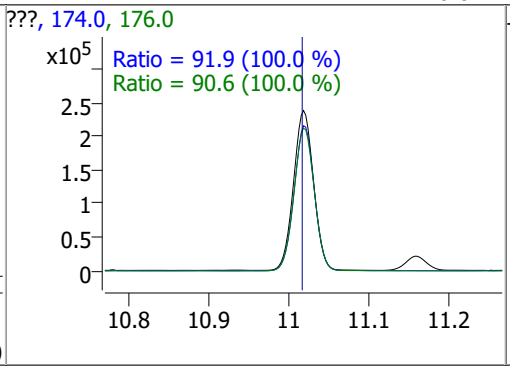


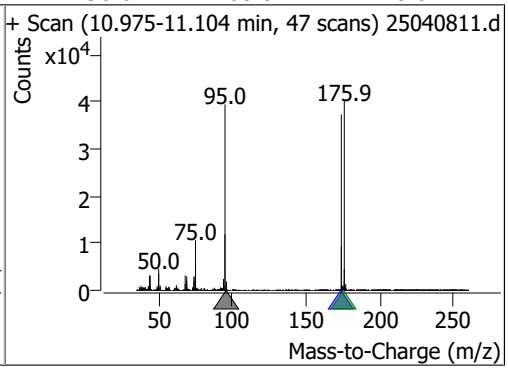




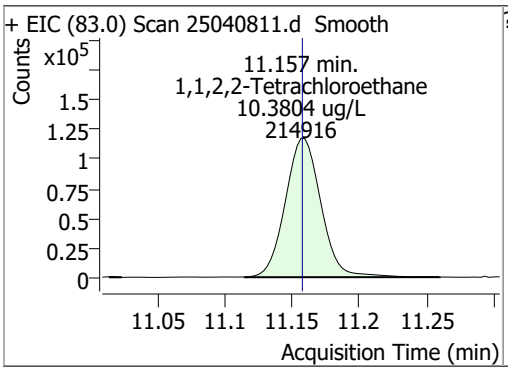
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	10.3549	11.02	0.00	411362	174.0	91.9	61.9	121.9
					176.0	90.6	60.6	120.6

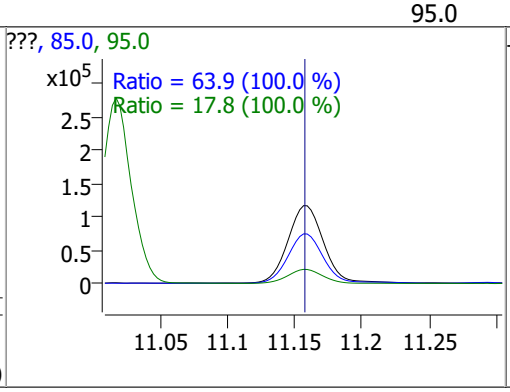


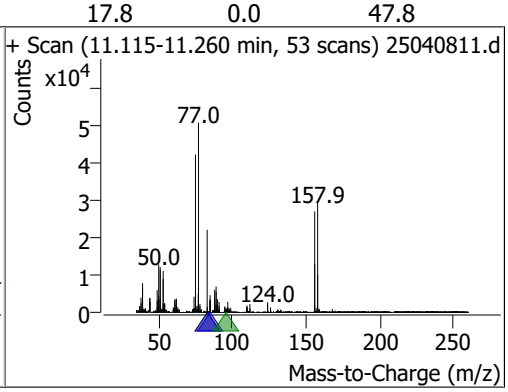




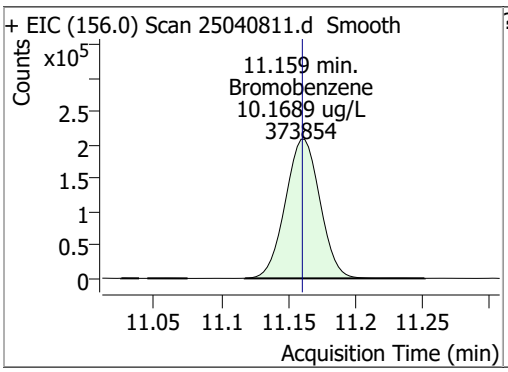
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	10.3804	11.16	0.00	214916	85.0	63.9	33.9	93.9
					95.0	17.8	0.0	47.8

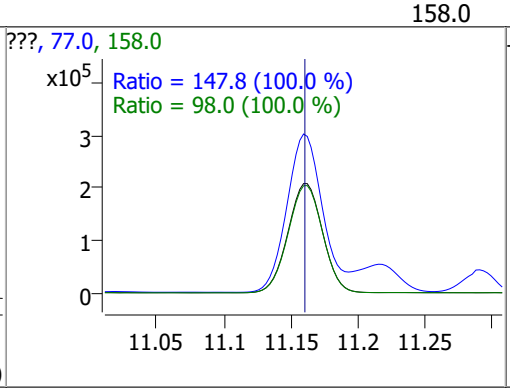


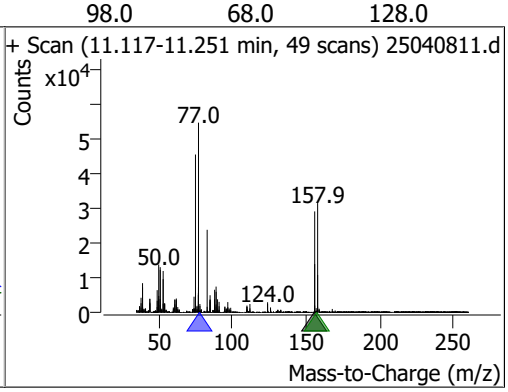




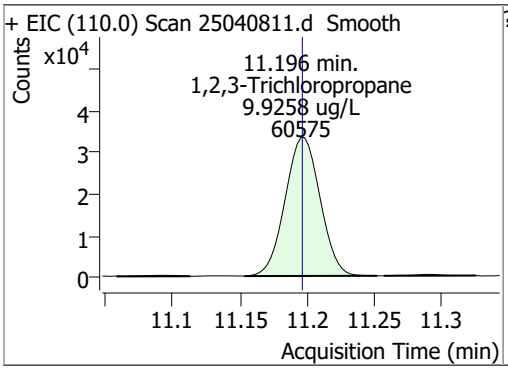
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	10.1689	11.16	0.00	373854	77.0	147.8	117.8	177.8
					158.0	98.0	68.0	128.0

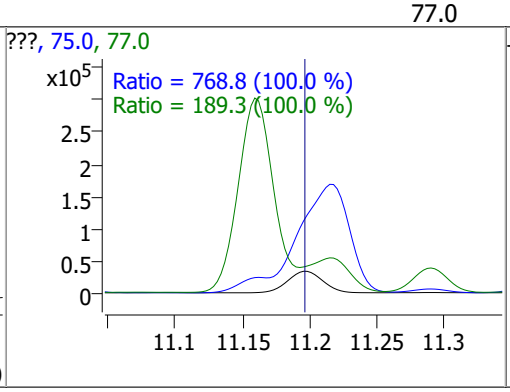


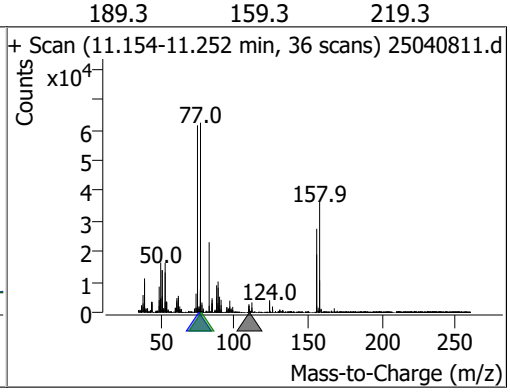




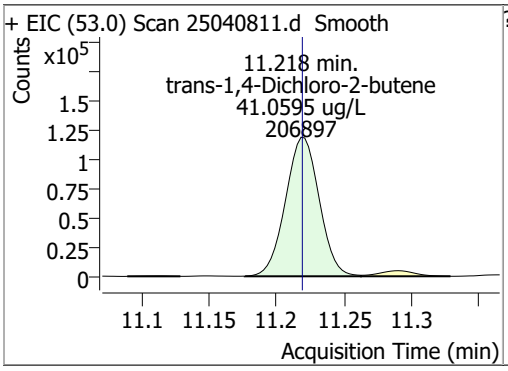
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	9.9258	11.20	0.00	60575	75.0	768.8	738.8	798.8
					77.0	189.3	159.3	219.3

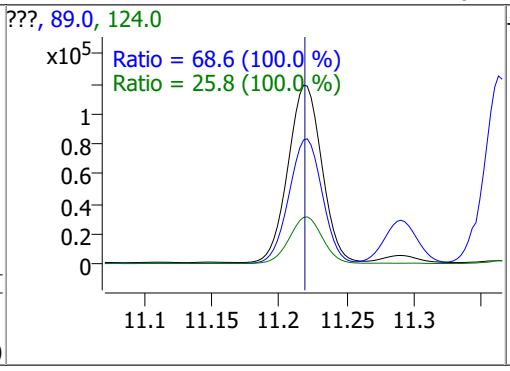


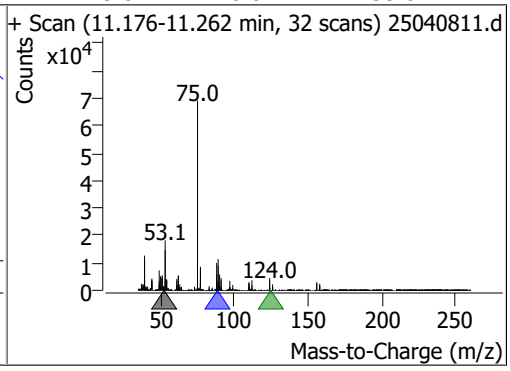




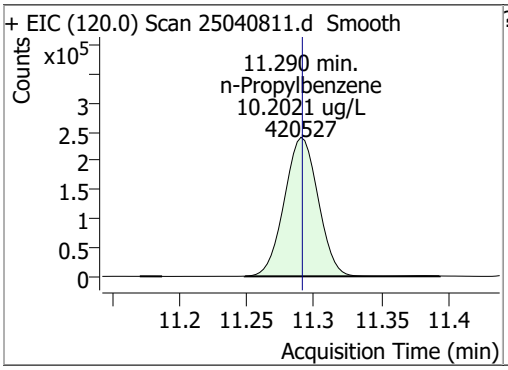
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	41.0595	11.22	0.00	206897	89.0	68.6	38.6	98.6
					124.0	25.8	0.0	55.8

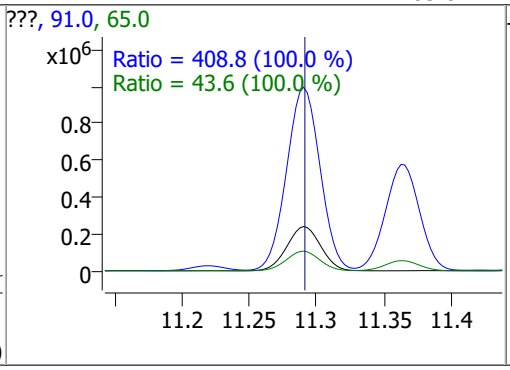


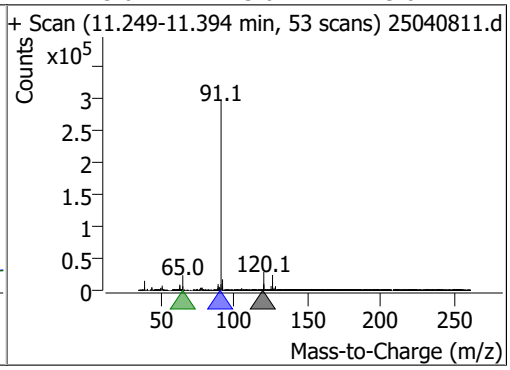




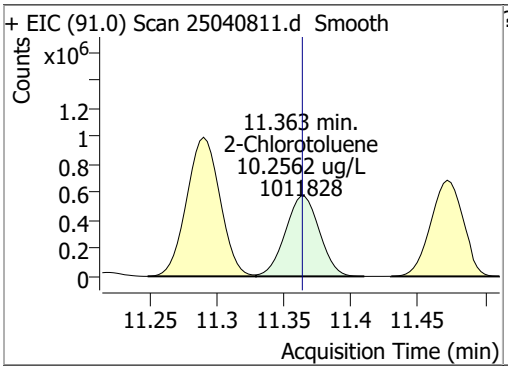
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	10.2021	11.29	0.00	420527	91.0	408.8	378.8	438.8
					65.0	43.6	13.6	73.6

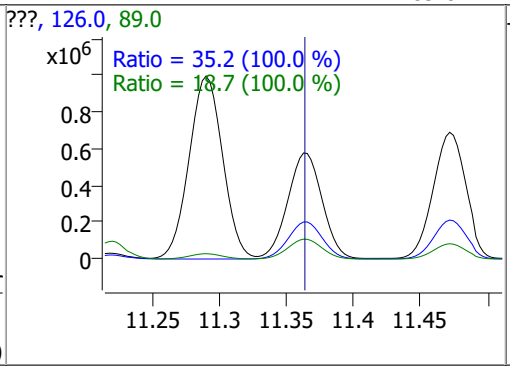


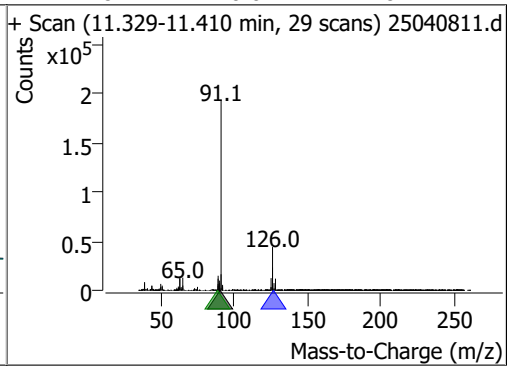




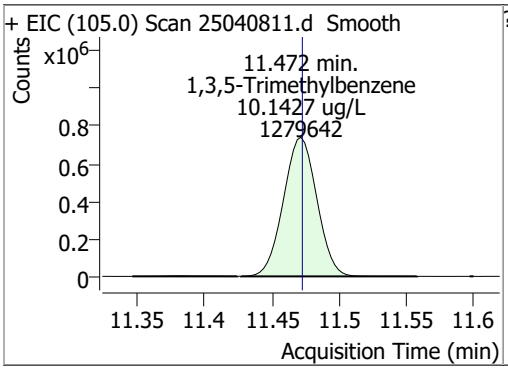
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	10.2562	11.36	0.00	1011828	126.0	35.2	5.2	65.2
					89.0	18.7	0.0	48.7

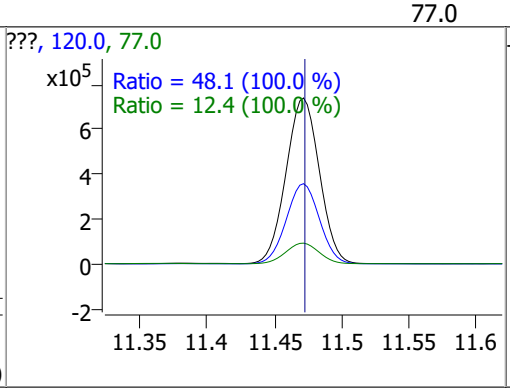


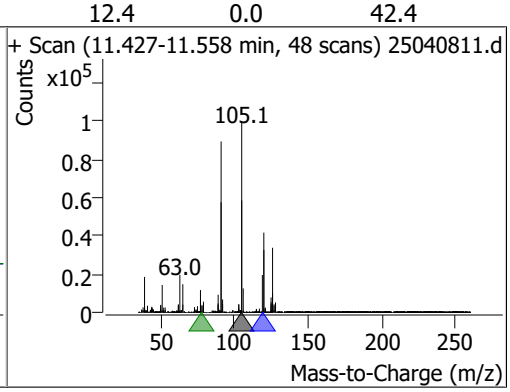




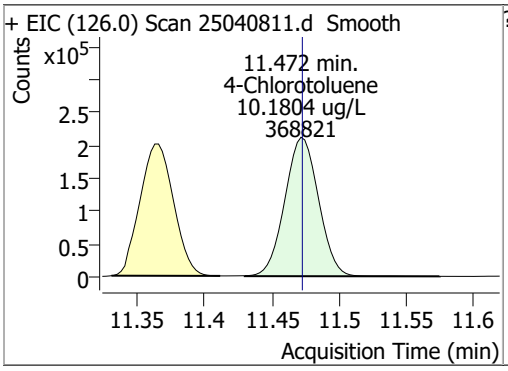
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	10.1427	11.47	0.00	1279642	120.0	48.1	18.1	78.1
					77.0	12.4	0.0	42.4

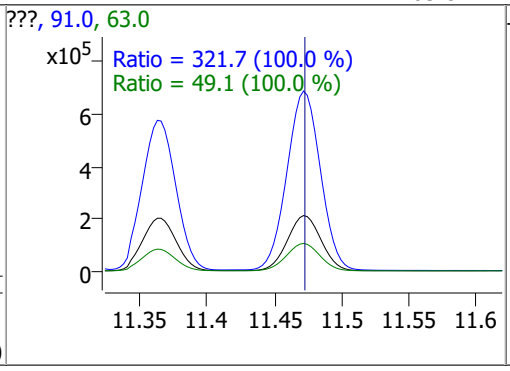


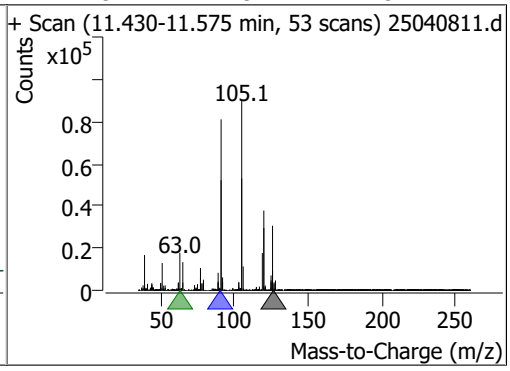




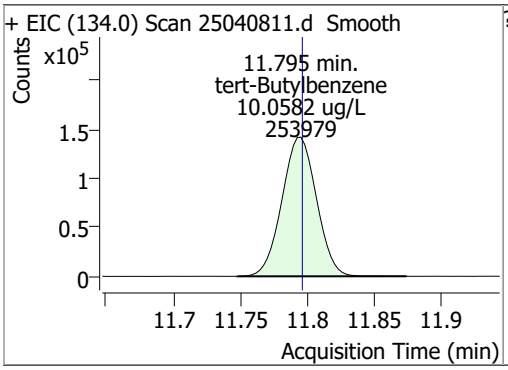
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	10.1804	11.47	0.00	368821	91.0	321.7	291.7	351.7
					63.0	49.1	19.1	79.1

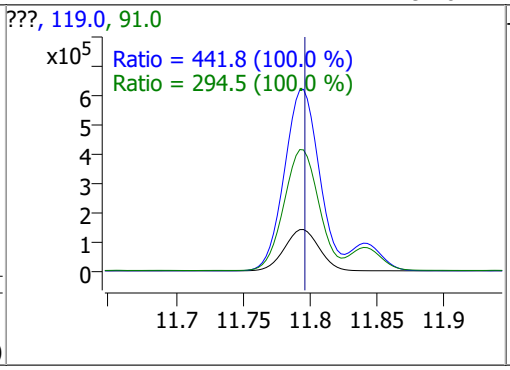


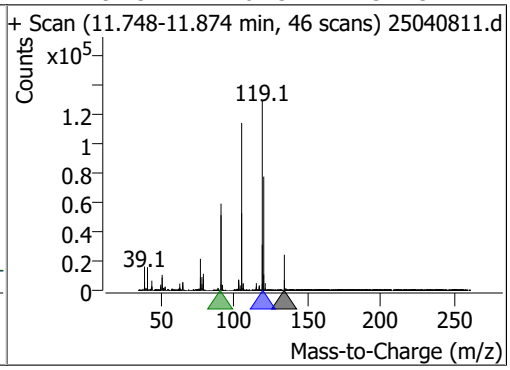




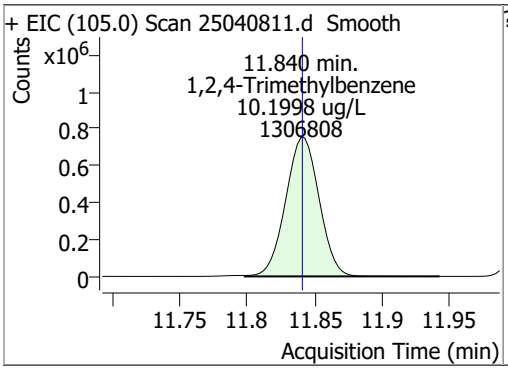
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	10.0582	11.80	0.00	253979	119.0	441.8	411.8	471.8
					91.0	294.5	264.5	324.5

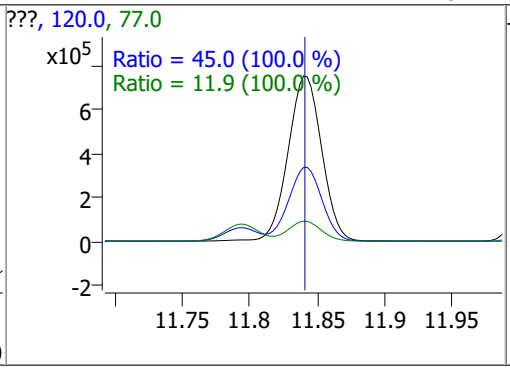


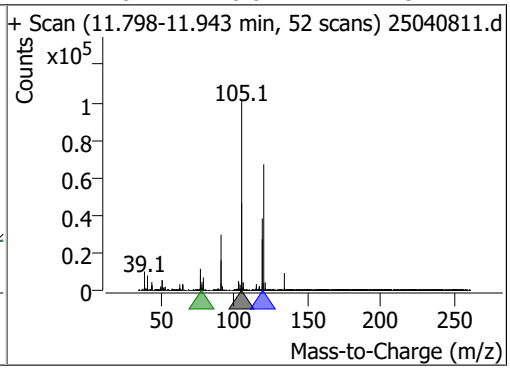




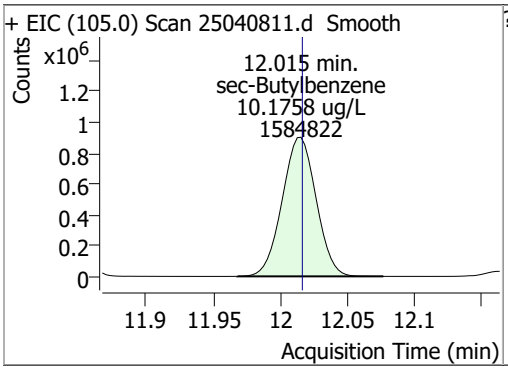
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	10.1998	11.84	0.00	1306808	120.0	45.0	15.0	75.0
					77.0	11.9	0.0	41.9

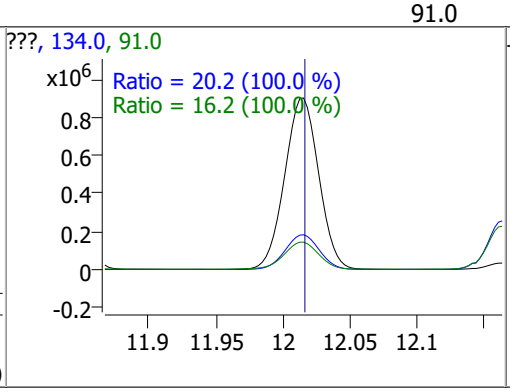


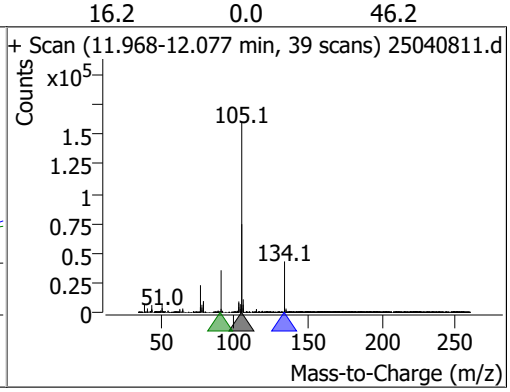




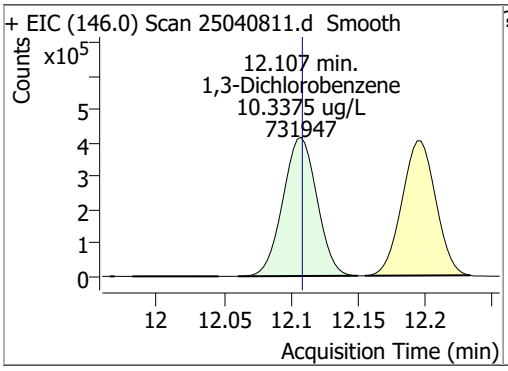
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	10.1758	12.02	0.00	1584822	134.0	20.2	0.0	50.2
					91.0	16.2	0.0	46.2

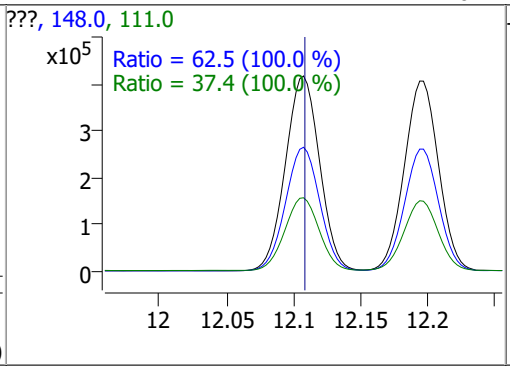


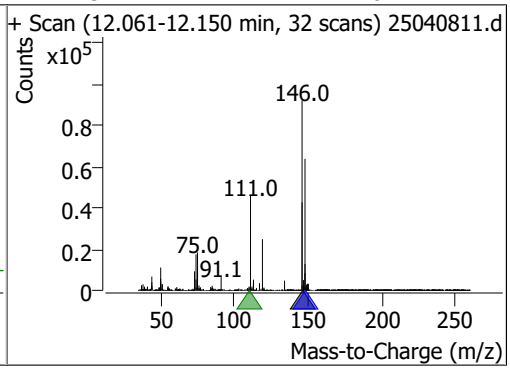




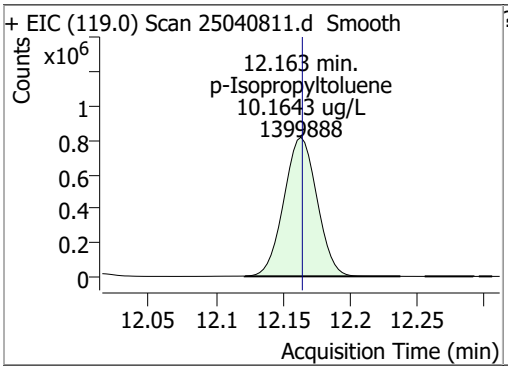
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	10.3375	12.11	0.00	731947	148.0	62.5	32.5	92.5
					111.0	37.4	7.4	67.4

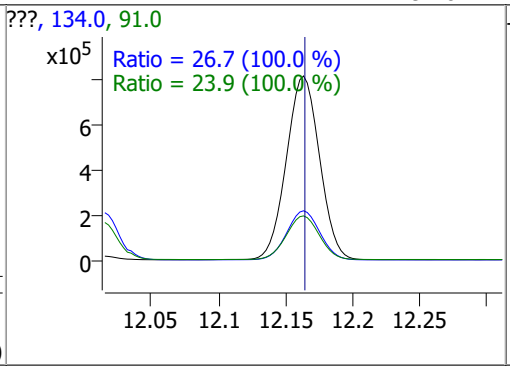


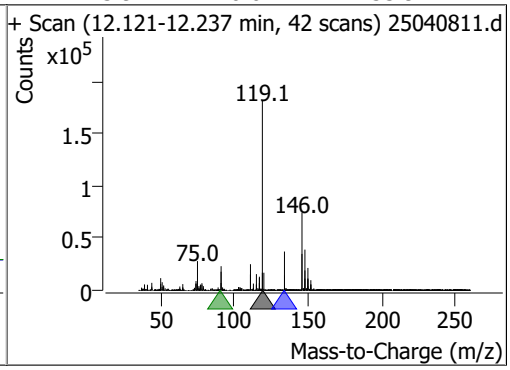




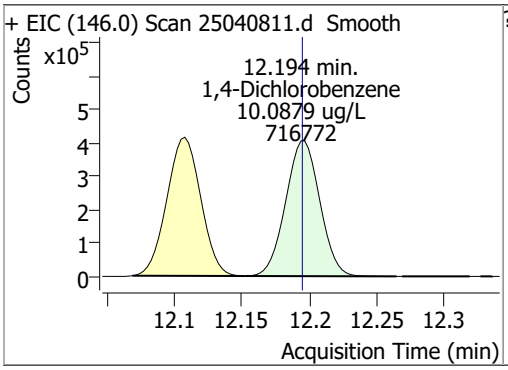
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	10.1643	12.16	0.00	1399888	134.0	26.7	0.0	56.7
					91.0	23.9	0.0	53.9

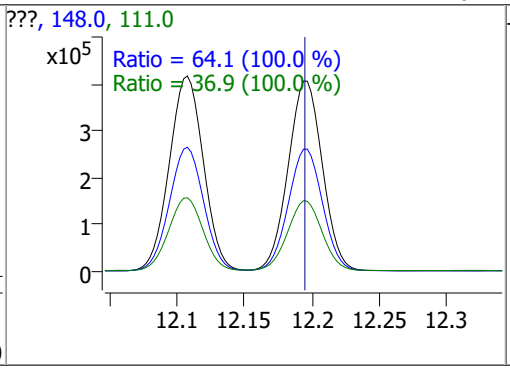


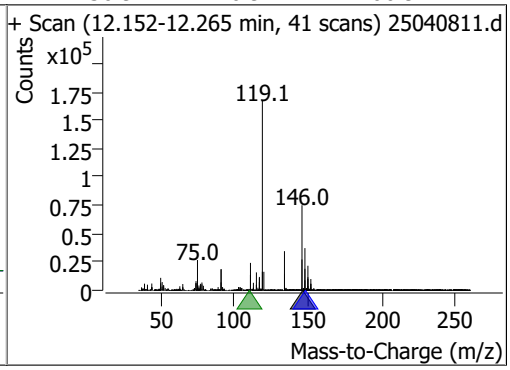




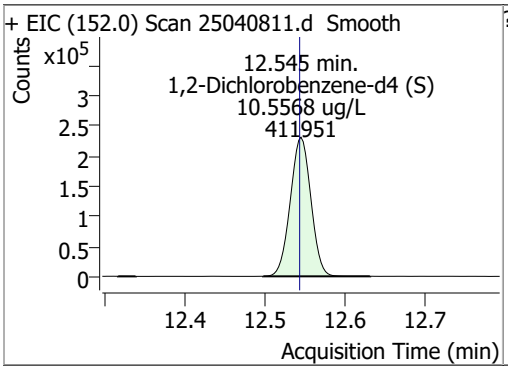
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	10.0879	12.19	0.00	716772	148.0	64.1	34.1	94.1
					111.0	36.9	6.9	66.9

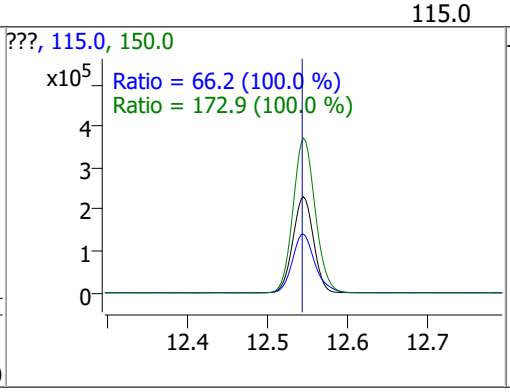


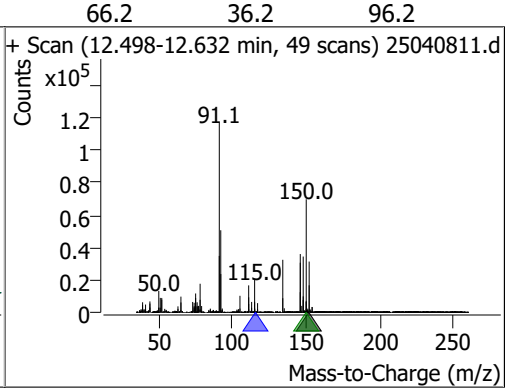




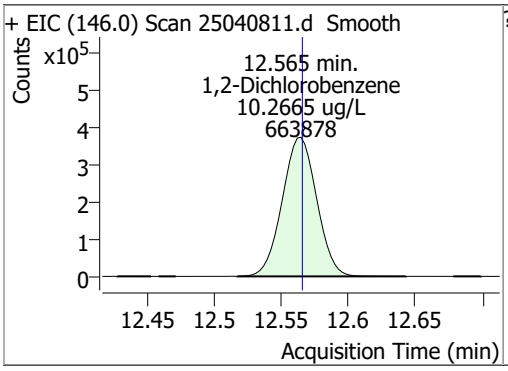
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	10.5568	12.55	0.00	411951	150.0	172.9	142.9	202.9
					115.0	66.2	36.2	96.2

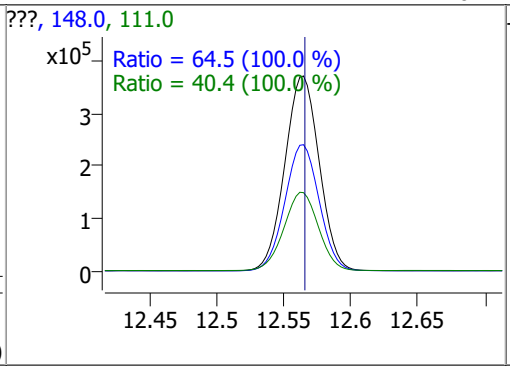


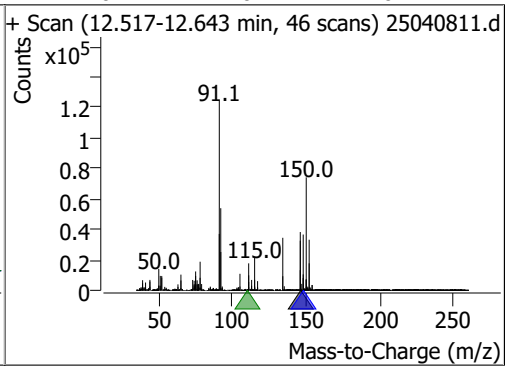




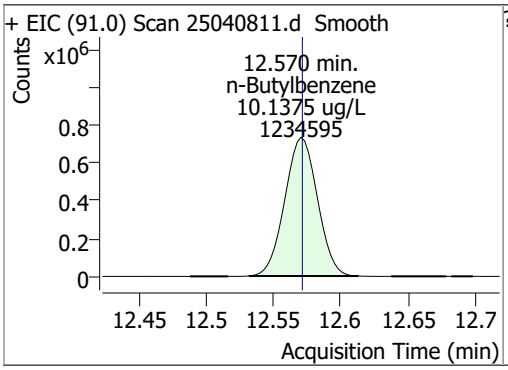
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	10.2665	12.56	0.00	663878	148.0	64.5	34.5	94.5
					111.0	40.4	10.4	70.4

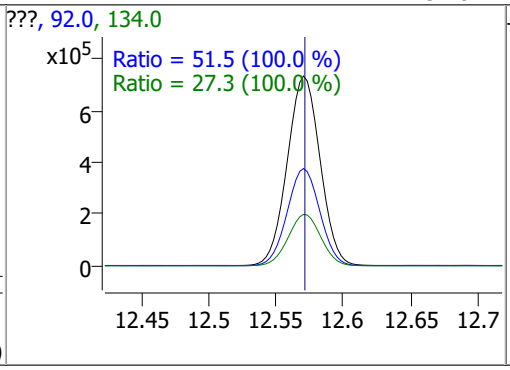


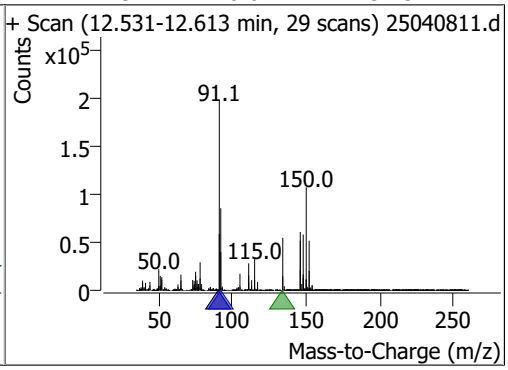




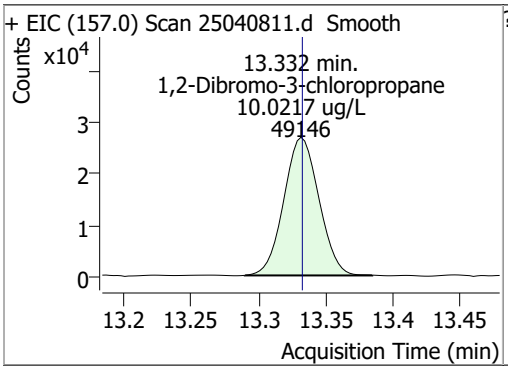
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	10.1375	12.57	0.00	1234595	92.0	51.5	21.5	81.5
					134.0	27.3	0.0	57.3

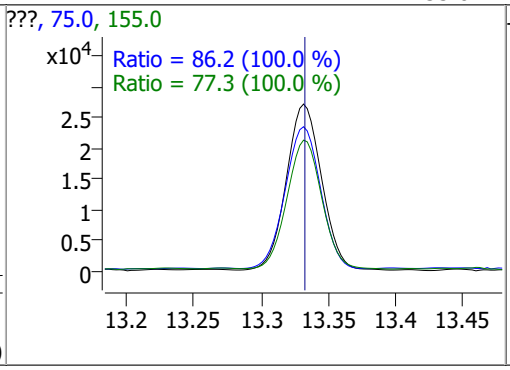


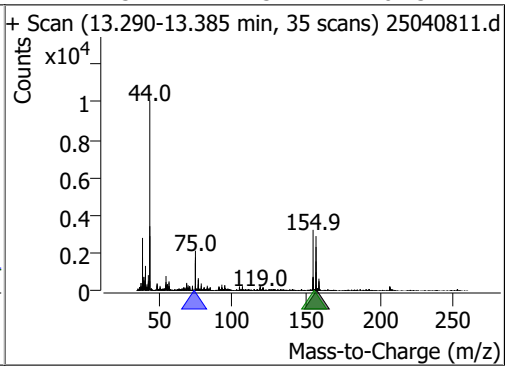




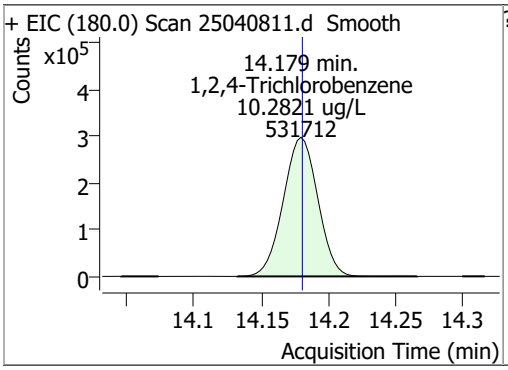
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	10.0217	13.33	0.00	49146	75.0	86.2	56.2	116.2
					155.0	77.3	47.3	107.3

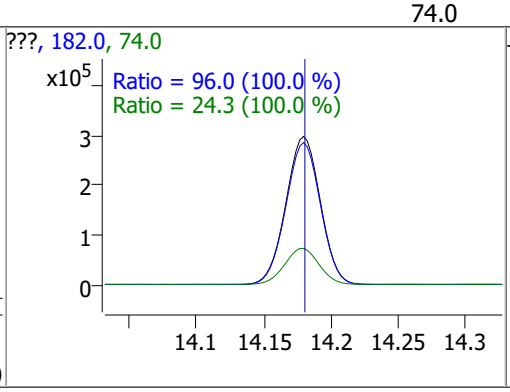


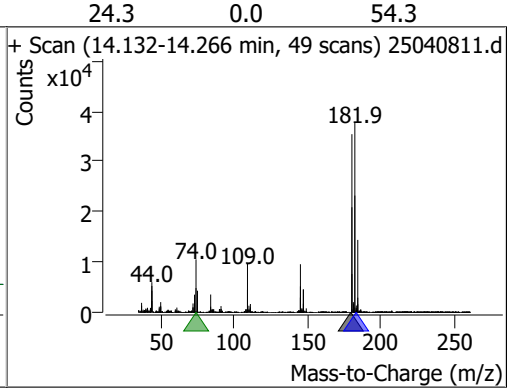




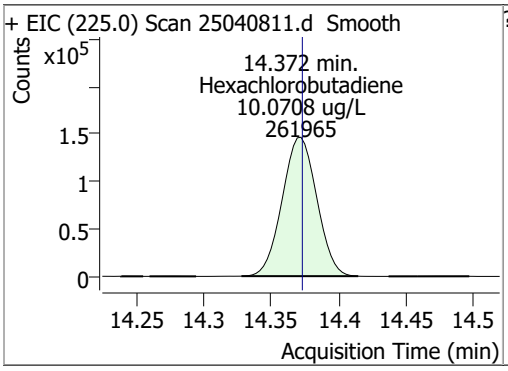
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	10.2821	14.18	0.00	531712	182.0	96.0	66.0	126.0
					74.0	24.3	0.0	54.3

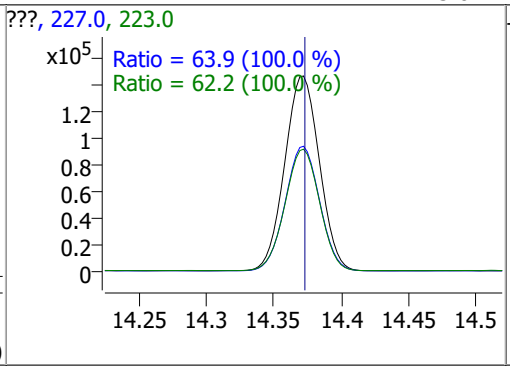


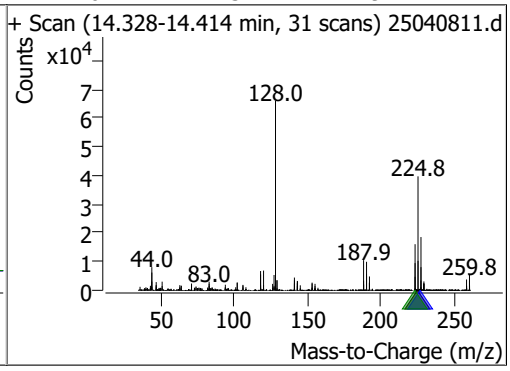




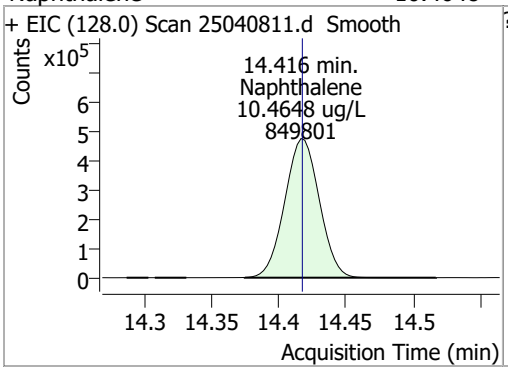
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	10.0708	14.37	0.00	261965	227.0	63.9	33.9	93.9
					223.0	62.2	32.2	92.2

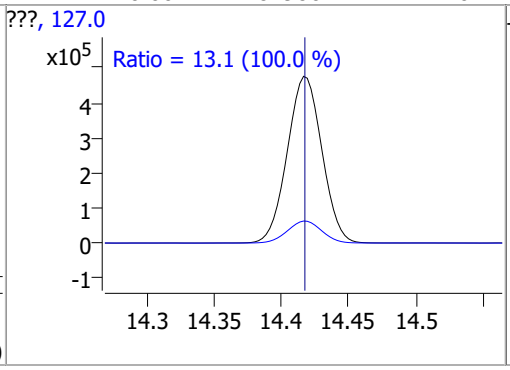


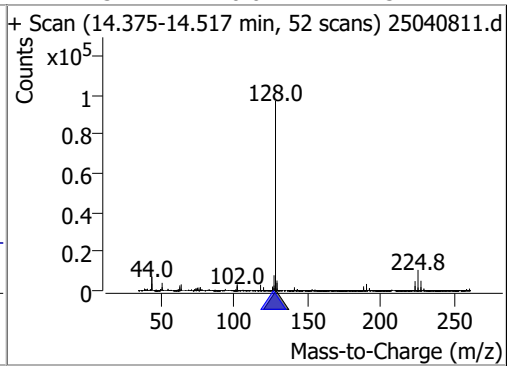




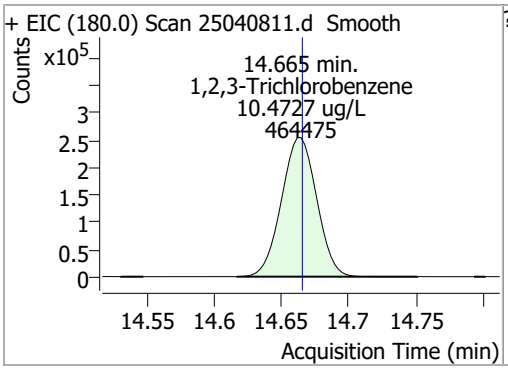
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	10.4648	14.42	0.00	849801	127.0	13.1	0.0	43.1

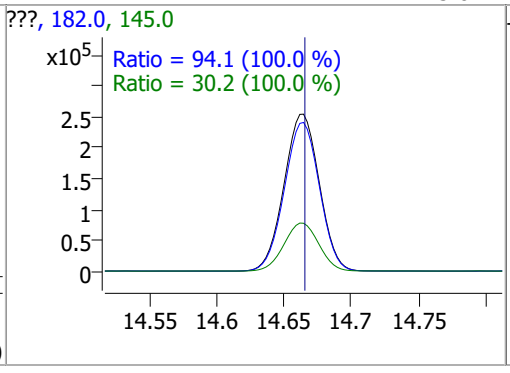


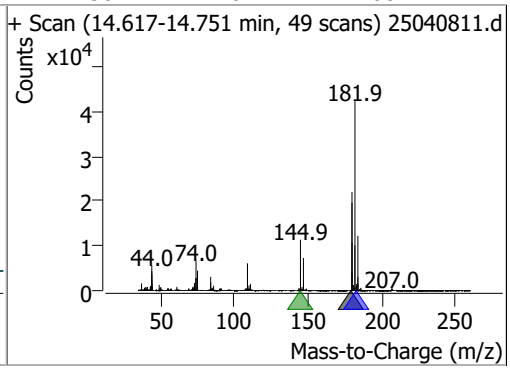




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	10.4727	14.66	0.00	464475	182.0	94.1	64.1	124.1
					145.0	30.2	0.2	60.2







Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

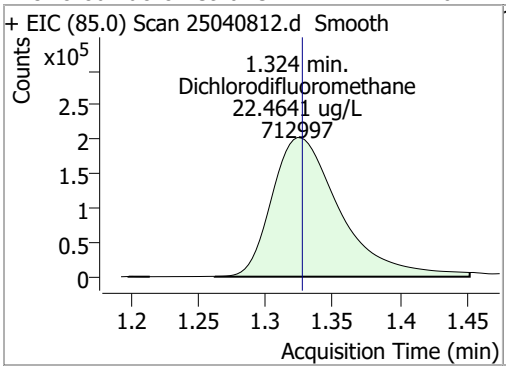
Data File	25040812.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 10:27:43 PM
Sample Name	CAL 20 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

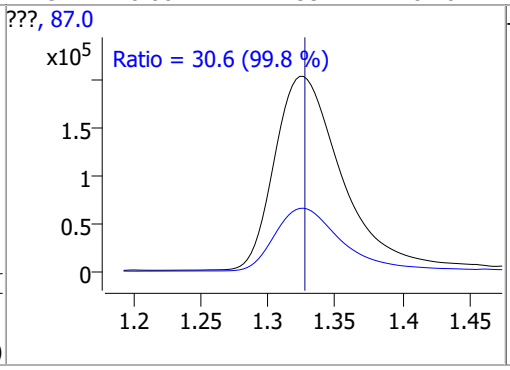
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.706		398047	4.0000	ug/L		0.000
38) Chlorobenzene-d5	9.843		302054	4.0000	ug/L		0.000
56) 1,4-Dichlorobenzene-d4	12.172		179978	4.0000	ug/L		0.000
System Monitoring Compounds							
23) Pentafluorobenzene (S)	6.034		1365563	19.8848	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
27) 1,2-Dichloroethane-d4 (S)	6.304		535198	19.8626	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
55) 4-Bromofluorobenzene (S)	11.017		786576	19.8300	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
72) 1,2-Dichlorobenzene-d4 (S)	12.545		782663	19.3789	ug/L		0.000
Spiked Amount:	Range: - %			Recovery = NA%			
Target Compounds							QValue
2) Dichlorodifluoromethane	1.324		712997	22.4641	ug/L		100
3) Chloromethane	1.494		689309	20.5725	ug/L		97
4) Vinyl Chloride	1.597		683967	20.5964	ug/L		99
5) Bromomethane	1.901		451158	20.8186	ug/L		100
6) Chloroethane	1.979		373972	21.0544	ug/L		97
7) Trichlorofluoromethane	2.272		597389	17.0915	ug/L		98
9) 1,1-Dichloroethylene	2.790		846829	20.8579	ug/L		99
10) Acetone	2.908		64955	59.8450	ug/L	#	85
11) Iodomethane	2.949		2906767	59.2401	ug/L		99
12) Carbon Disulfide	3.030		4869716	59.1493	ug/L		100
13) Dichloromethane	3.418		646325	19.9857	ug/L		98
15) trans 1,2-Dichloroethylene	3.833		831656	20.6122	ug/L		97
16) MTBE	3.967		1142288	21.0692	ug/L		100
17) 1,1-Dichloroethane	4.483		987318	20.3701	ug/L		100
18) 2,2-Dichloropropane	5.306		955134	20.3589	ug/L		99
19) cis 1,2-Dichloroethylene	5.303		631789	20.5227	ug/L		99
20) 2-Butanone (MEK)	5.423		89045	59.4287	ug/L		90
21) Bromochloromethane	5.596		439825	20.7264	ug/L		98
22) Chloroform	5.733		1044714	20.4573	ug/L		99
24) 1,1,1-Trichloroethane	5.939		1056906	21.0777	ug/L		98
25) 1,1-Dichloropropylene	6.140		833956	20.6529	ug/L		99
26) Carbon Tetrachloride	6.140		988402	20.9095	ug/L		99
28) Benzene	6.371		2344655	20.5655	ug/L		100
29) 1,2-Dichloroethane	6.391		693256	20.5226	ug/L		99
30) Trichloroethylene	7.116		707667	20.6403	ug/L		99
31) 1,2-Dichloropropane	7.342		602360	20.6433	ug/L		99
32) Dibromomethane	7.459		343143	20.6710	ug/L		99
33) Methyl Methacrylate	7.551		990389	60.7176	ug/L		99
34) Bromodichloromethane	7.646		764267	20.7032	ug/L		99
36) cis 1,3-Dichloropropylene	8.122		916522	20.7028	ug/L		99
37) 4-Methyl-2-pentanone (MIBK)	8.337		907895	60.5367	ug/L		99

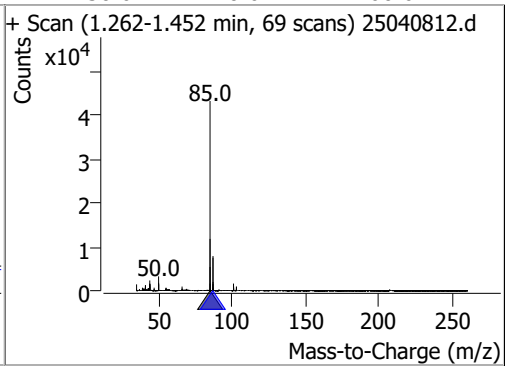
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.465		2678789	20.4065	ug/L		100
40) trans 1,3-Dichloropropylene	8.691		774121	20.3262	ug/L		98
41) 1,1,2-trichloroethane	8.870		389813	20.2190	ug/L		99
42) Tetrachloroethylene	9.023		801182	20.4727	ug/L		99
43) 1,3-Dichloropropane	9.034		662645	20.4199	ug/L		99
44) 2-Hexanone	9.177		610924	59.3513	ug/L		100
45) Dibromochloromethane	9.255		532750	20.4749	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361		388044	20.6079	ug/L		99
47) Chlorobenzene	9.871		1691392	20.5225	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.957		642544	20.6303	ug/L		99
49) Ethylbenzene	9.994		3022523	20.5405	ug/L		99
50) m,p-Xylenes	10.114		2410686	20.4560	ug/L		99
51) o-Xylene	10.507		2415698	20.4945	ug/L		100
52) Styrene	10.518		1851464	20.5287	ug/L		100
53) Bromoform	10.677		334486	20.3193	ug/L		98
54) Isopropylbenzene	10.880		3071568	20.6266	ug/L		99
58) 1,1,2,2-Tetrachloroethane	11.159		428048	19.9759	ug/L		99
57) Bromobenzene	11.159		763933	20.0768	ug/L		89
59) 1,2,3-Trichloropropane	11.198		120986	19.1546	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.218		305174	58.5156	ug/L		98
61) n-Propylbenzene	11.290		866586	20.3129	ug/L		99
62) 2-Chlorotoluene	11.363		2054499	20.1211	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472		2629575	20.1380	ug/L		100
64) 4-Chlorotoluene	11.472		739683	19.7270	ug/L		98
65) tert-Butylbenzene	11.795		525282	20.0993	ug/L		99
66) 1,2,4-Trimethylbenzene	11.840		2668585	20.1246	ug/L		99
67) sec-Butylbenzene	12.015		3315374	20.5677	ug/L		99
68) 1,3-Dichlorobenzene	12.107		1472402	20.0922	ug/L		98
69) p-Isopropyltoluene	12.163		2930642	20.5595	ug/L		100
70) 1,4-Dichlorobenzene	12.197		1458078	19.8274	ug/L		99
73) 1,2-Dichlorobenzene	12.565		1335352	19.9525	ug/L		100
71) n-Butylbenzene	12.570		2629335	20.8603	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		97735	19.2562	ug/L		99
75) 1,2,4-Trichlorobenzene	14.179		1082563	20.2267	ug/L		99
76) Hexachlorobutadiene	14.372		544776	20.2351	ug/L		99
77) Naphthalene	14.416		1695980	20.1789	ug/L		100
78) 1,2,3-Trichlorobenzene	14.665		932121	20.3064	ug/L		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

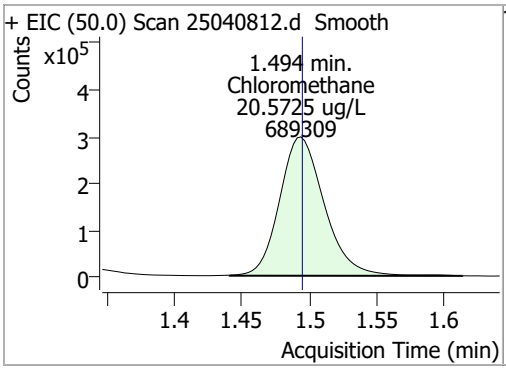
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	22.4641	1.32	0.00	712997	87.0	30.6	0.6	60.6

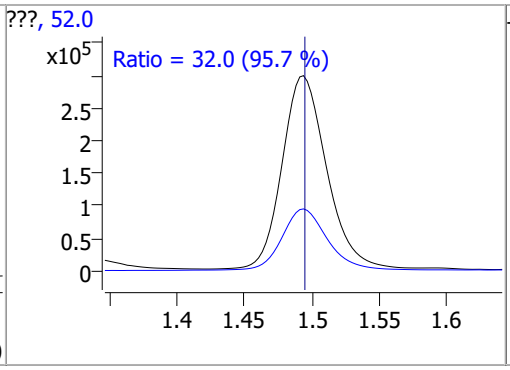


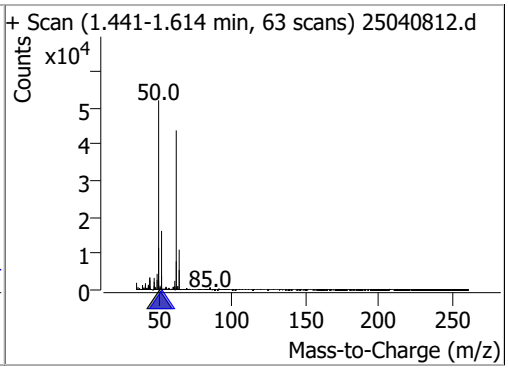




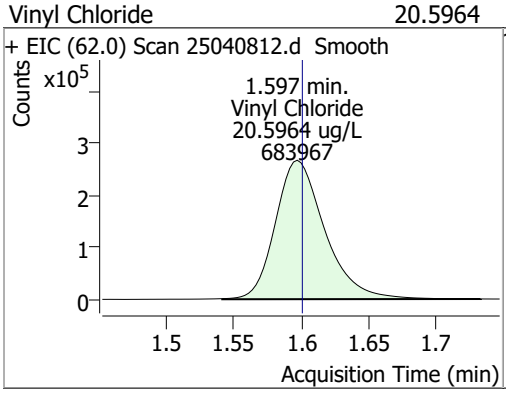
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	20.5725	1.49	0.00	689309	52.0	32.0	3.4	63.4

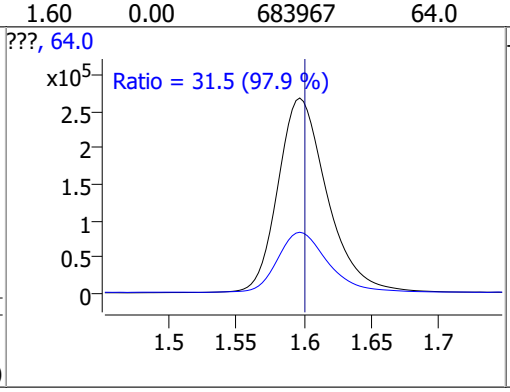


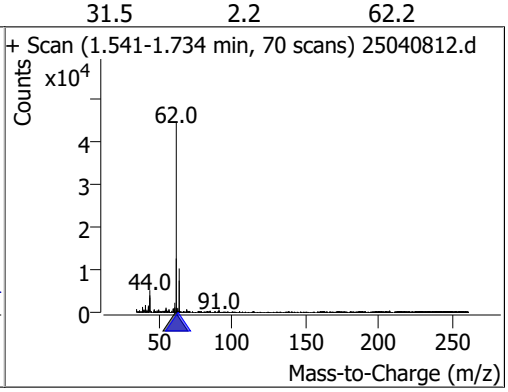




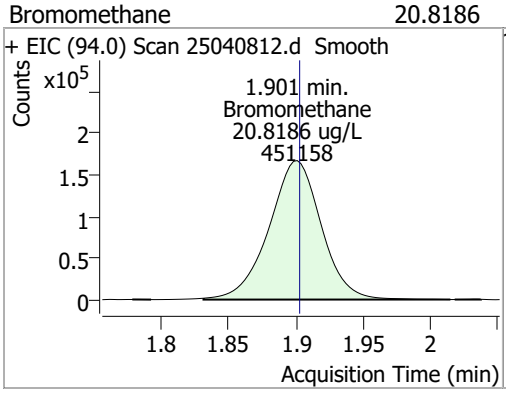
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	20.5964	1.60	0.00	683967	64.0	31.5	2.2	62.2

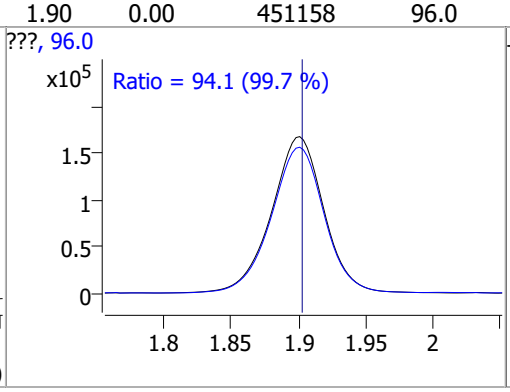


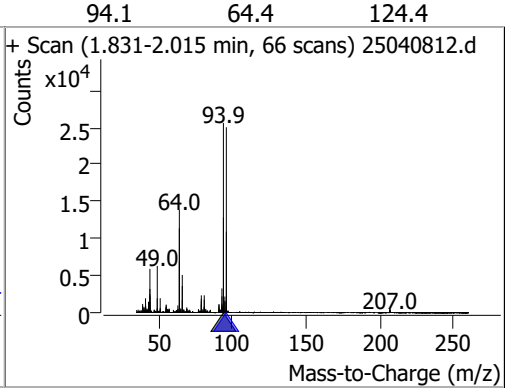




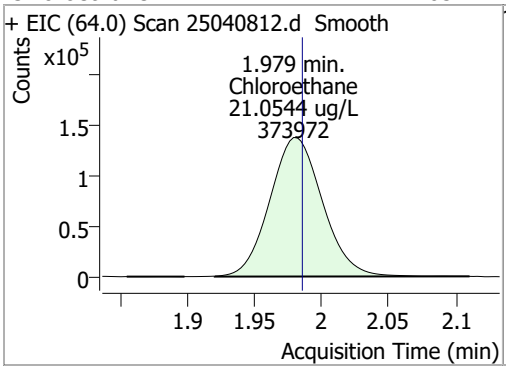
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	20.8186	1.90	0.00	451158	96.0	94.1	64.4	124.4

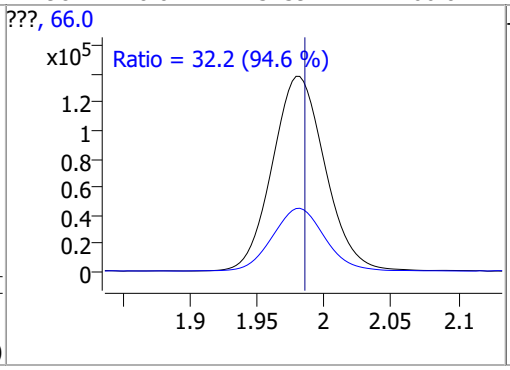


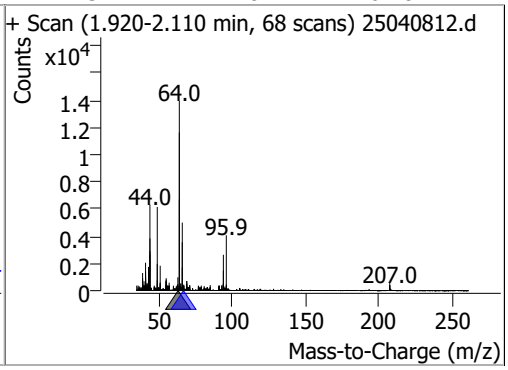




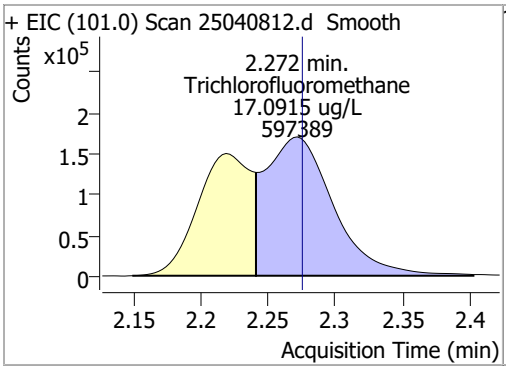
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	21.0544	1.98	-0.01	373972	66.0	32.2	4.0	64.0

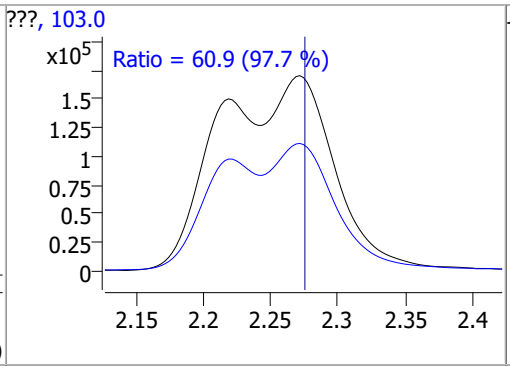


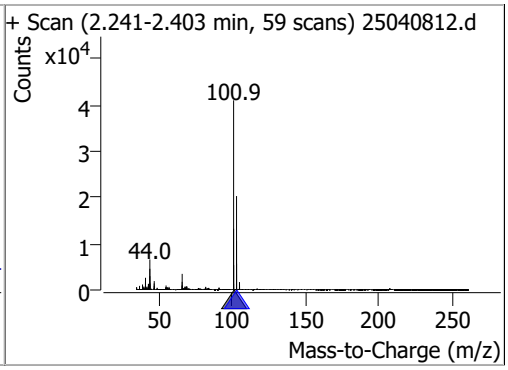




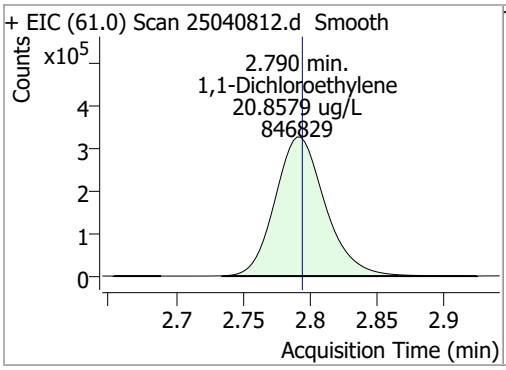
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	17.0915	2.27	0.00	597389	103.0	60.9	32.3	92.3

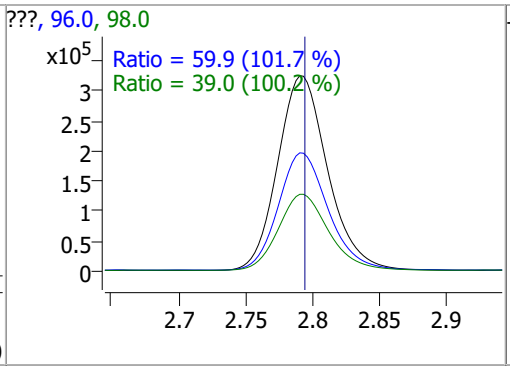


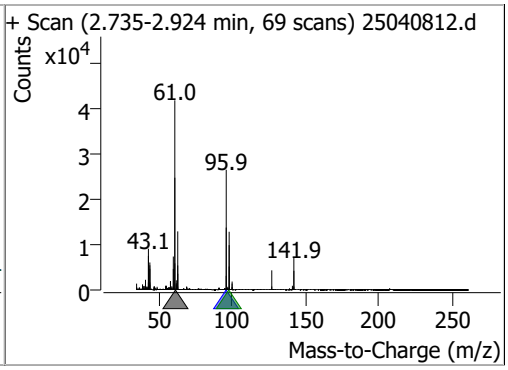




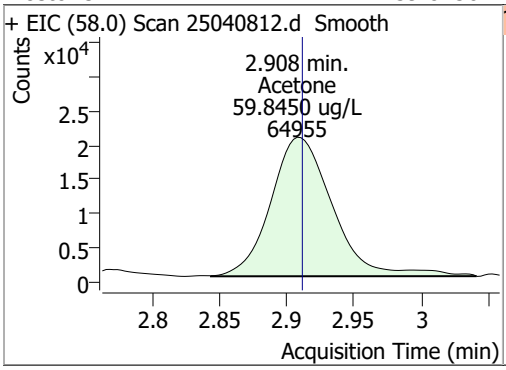
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	20.8579	2.79	0.00	846829	96.0	59.9	28.9	88.9
					98.0	39.0	8.9	68.9

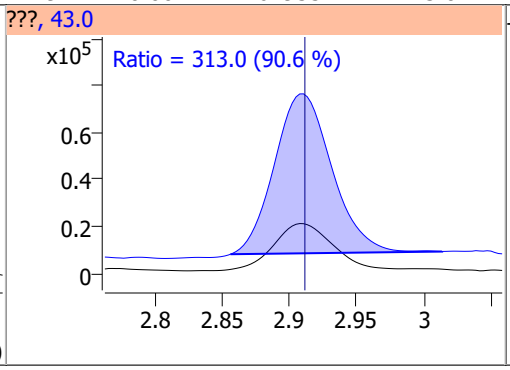


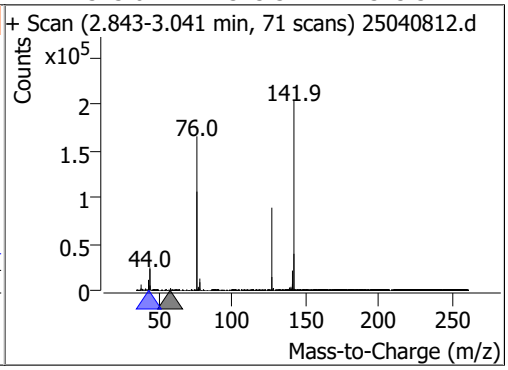




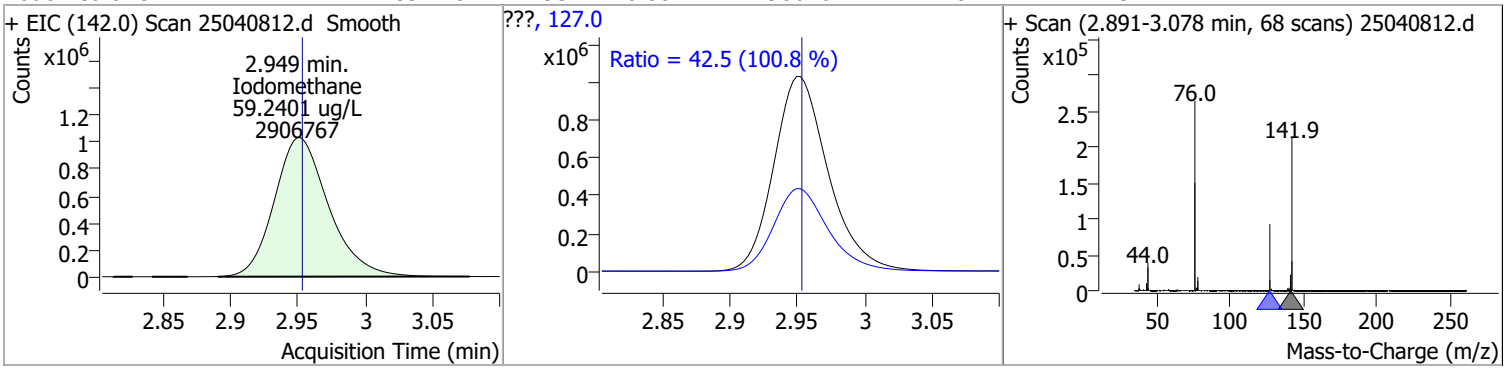
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	59.8450	2.91	0.00	64955	43.0	313.0	315.3	375.3



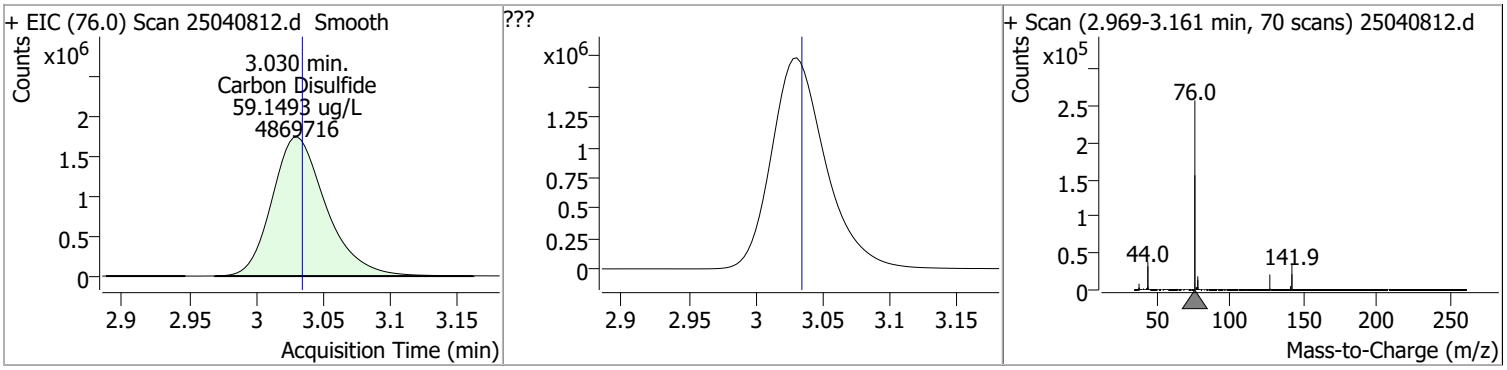




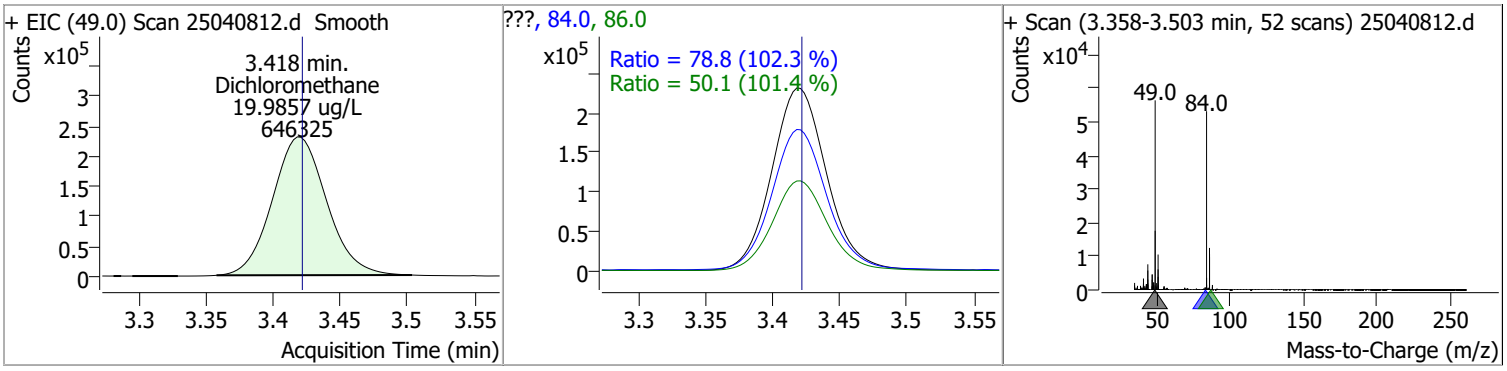
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	59.2401	2.95	0.00	2906767	127.0	42.5	12.1	72.1



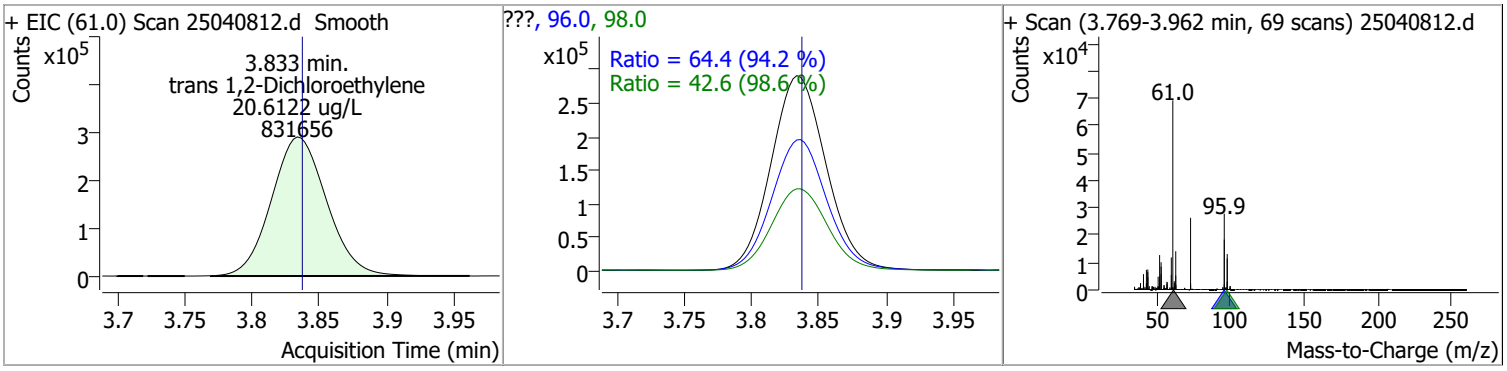
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	59.1493	3.03	0.00	4869716				



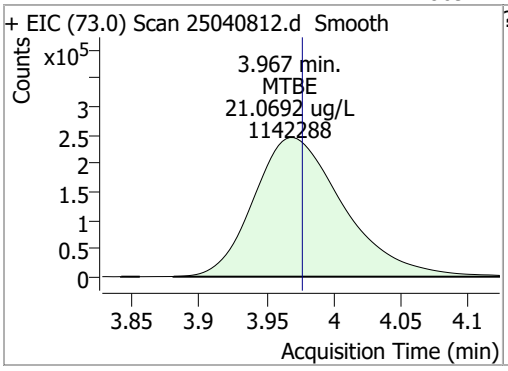
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	19.9857	3.42	0.00	646325	84.0	78.8	47.1	107.1
					86.0	50.1	19.4	79.4

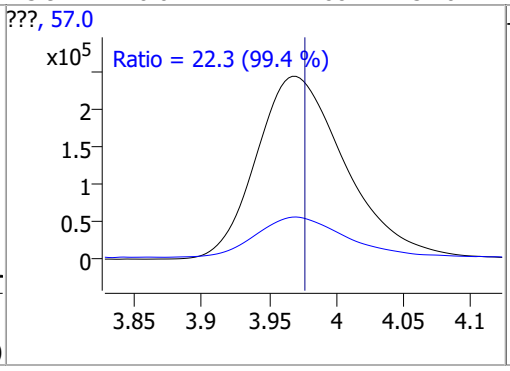


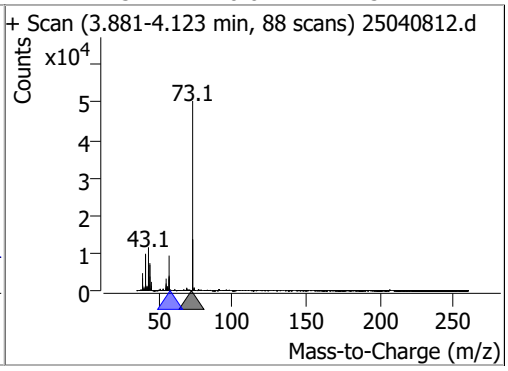
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	20.6122	3.83	0.00	831656	96.0	64.4	38.4	98.4
					98.0	42.6	13.2	73.2



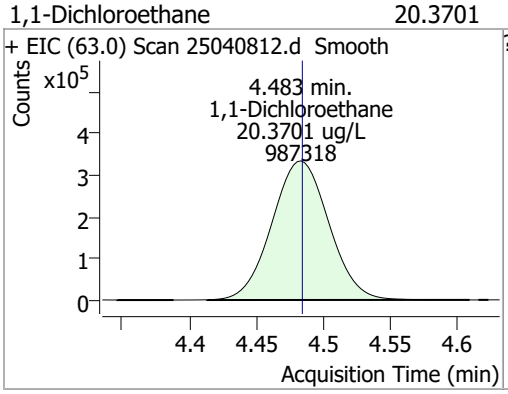
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	21.0692	3.97	-0.01	1142288	57.0	22.3	0.0	52.4

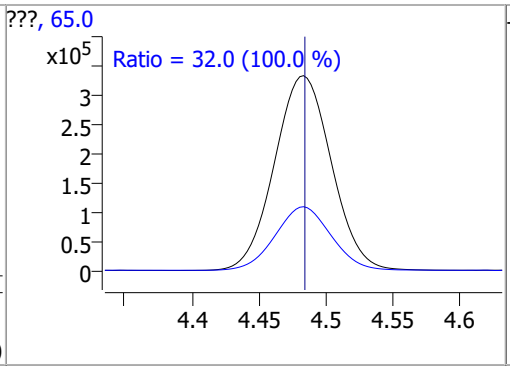


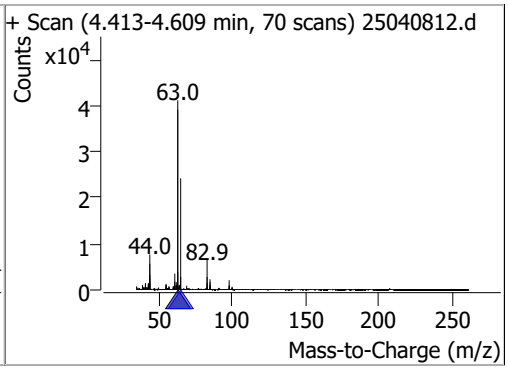




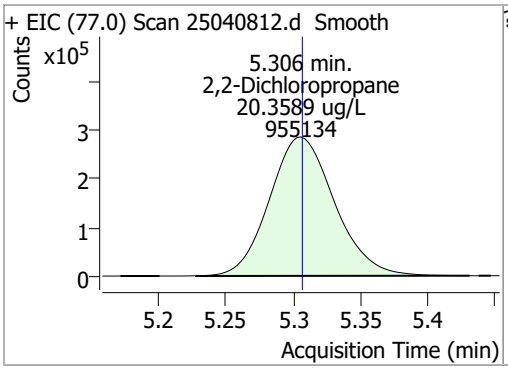
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	20.3701	4.48	0.00	987318	65.0	32.0	2.0	62.0

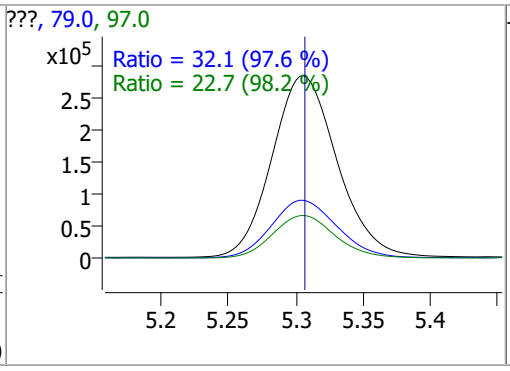


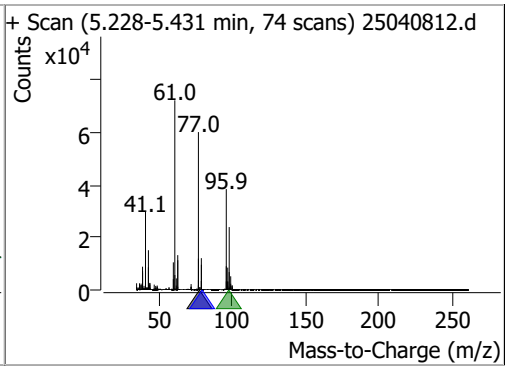




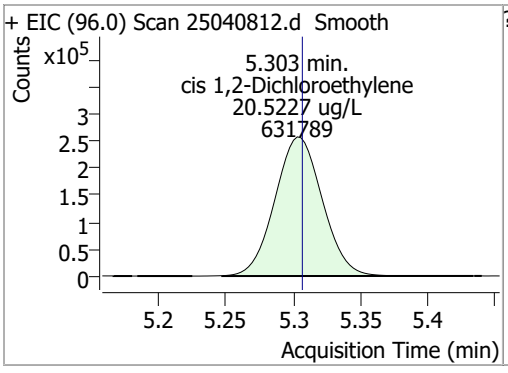
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	20.3589	5.31	0.00	955134	79.0	32.1	2.9	62.9
					97.0	22.7	0.0	53.1

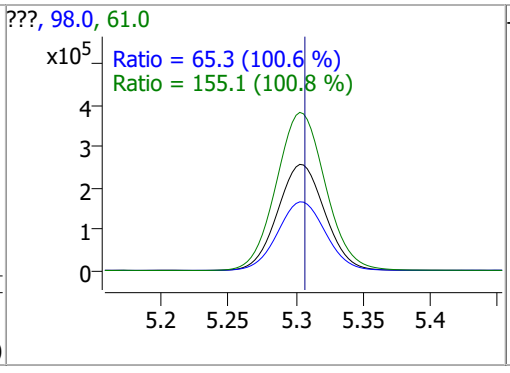


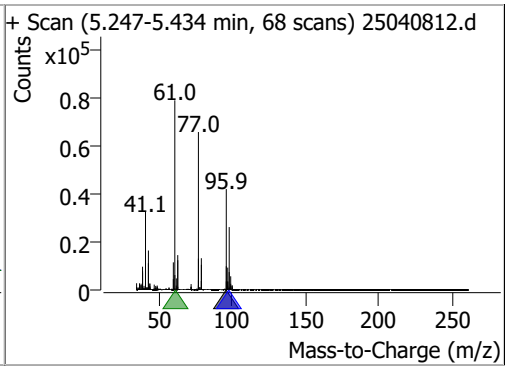




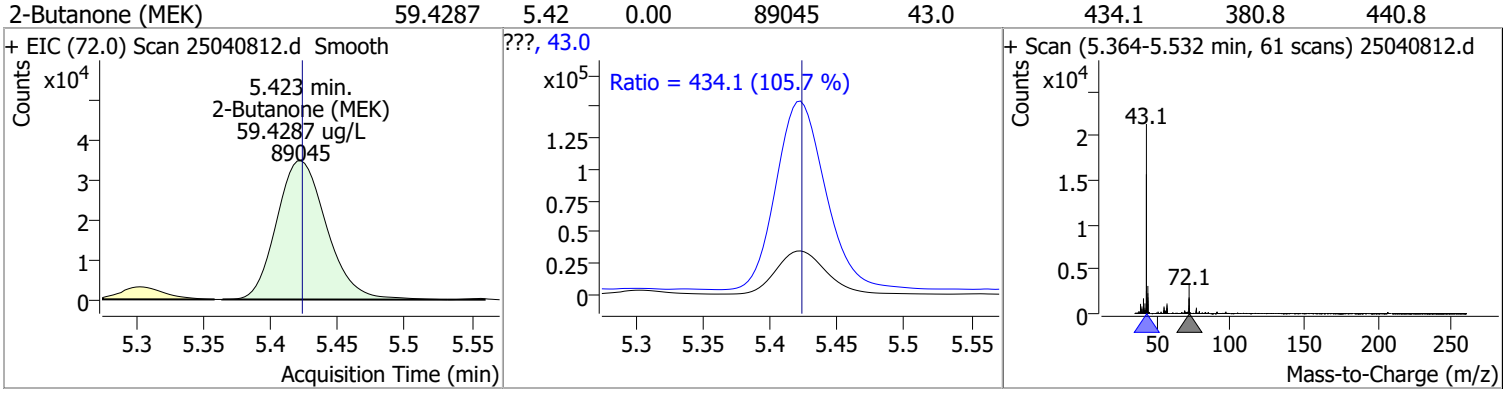
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	20.5227	5.30	0.00	631789	61.0	155.1	123.8	183.8
					98.0	65.3	35.0	95.0



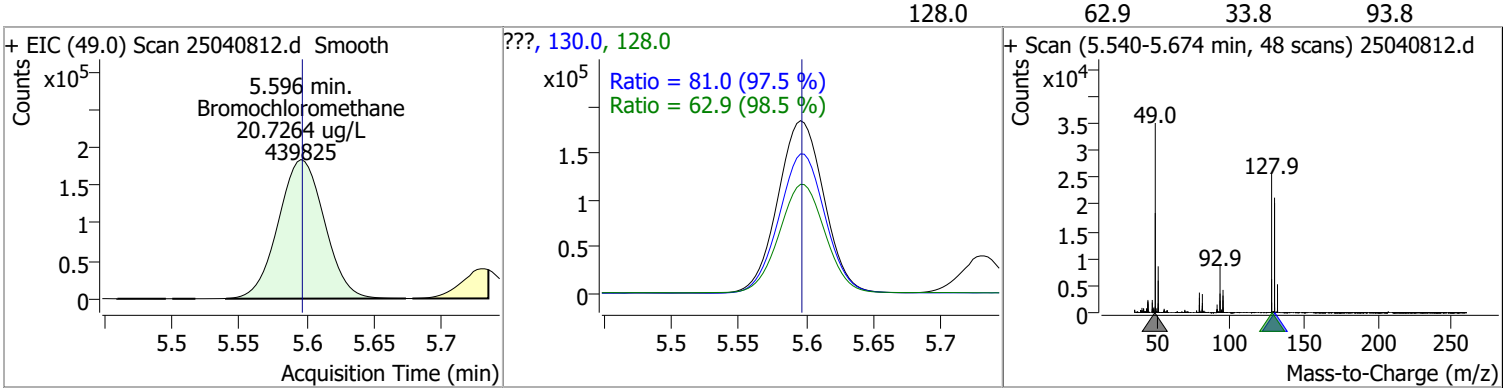




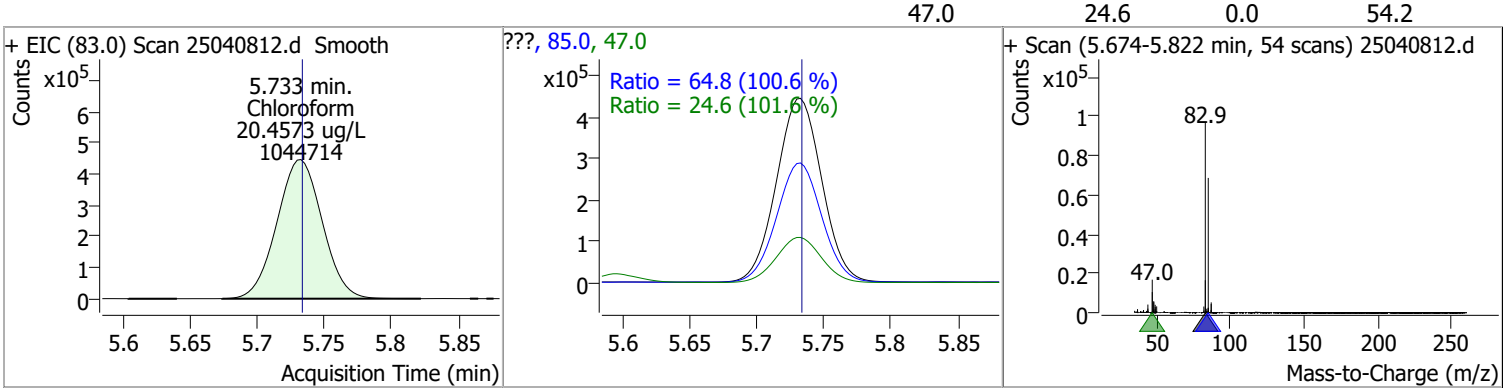
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	59.4287	5.42	0.00	89045	43.0	434.1	380.8	440.8



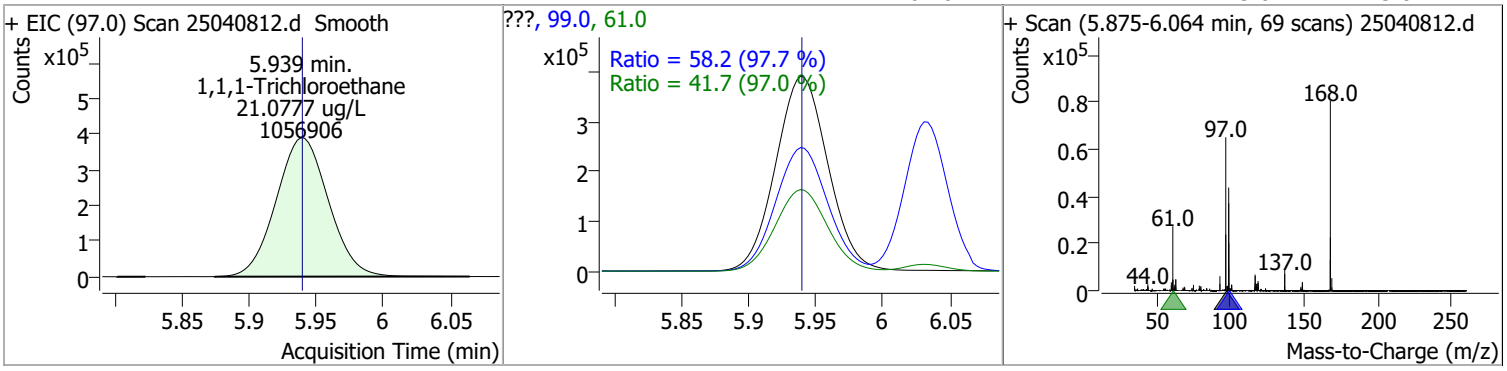
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	20.7264	5.60	0.00	439825	130.0	81.0	53.1	113.1
					128.0	62.9	33.8	93.8



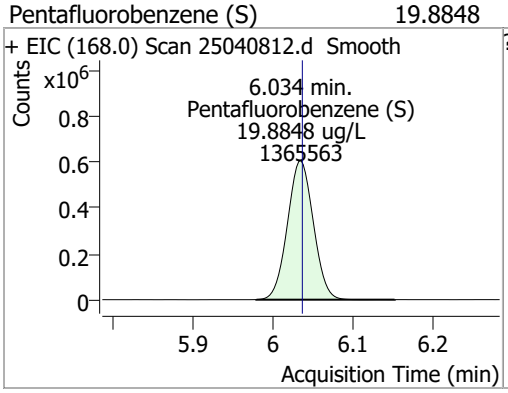
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	20.4573	5.73	0.00	1044714	85.0	64.8	34.4	94.4
					47.0	24.6	0.0	54.2

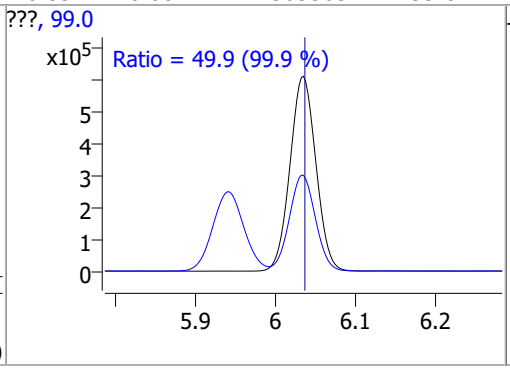


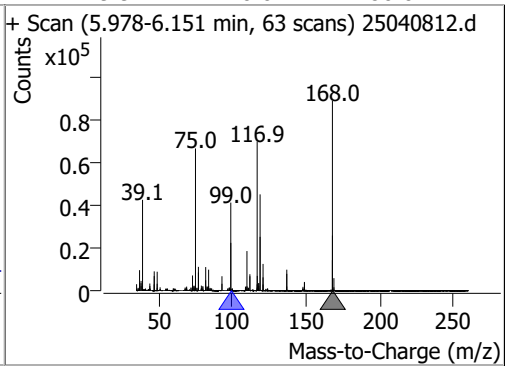
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	21.0777	5.94	0.00	1056906	99.0	58.2	29.6	89.6
					61.0	41.7	13.0	73.0



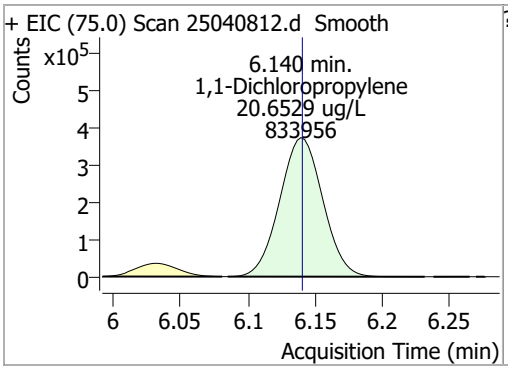
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	19.8848	6.03	0.00	1365563	99.0	49.9	20.0	80.0

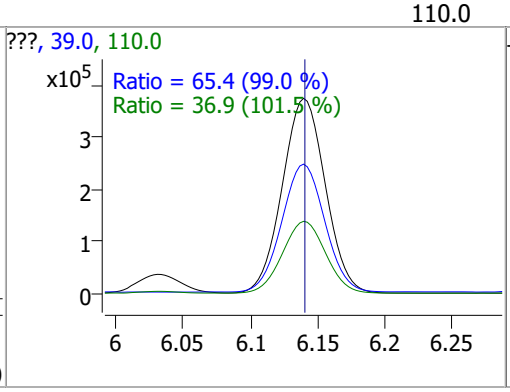


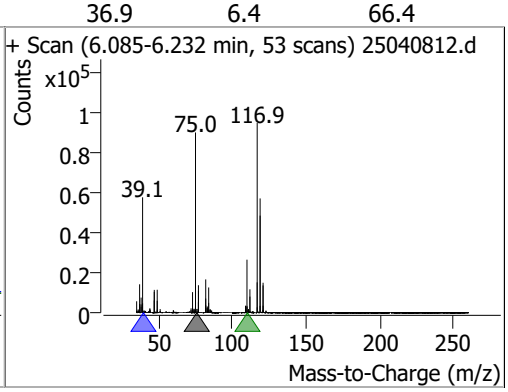




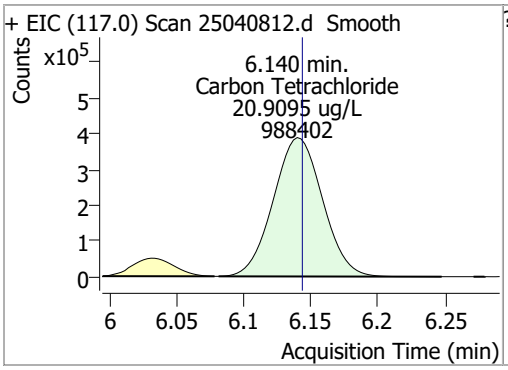
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	20.6529	6.14	0.00	833956	39.0	65.4	36.1	96.1
					110.0	36.9	6.4	66.4

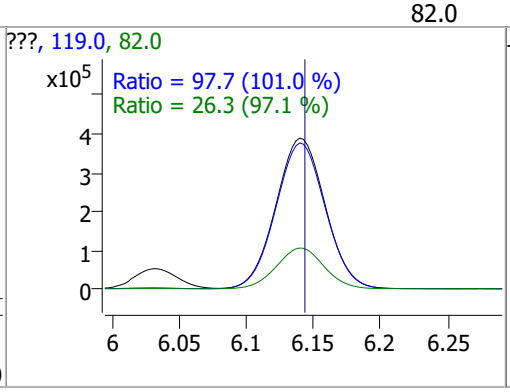


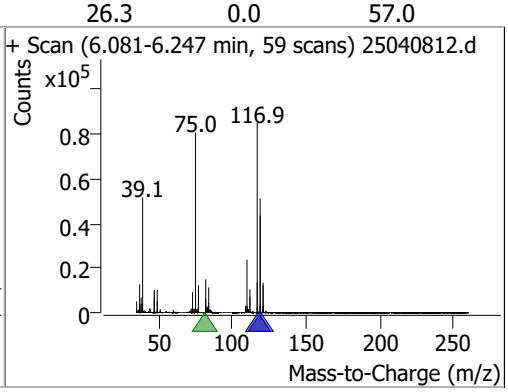




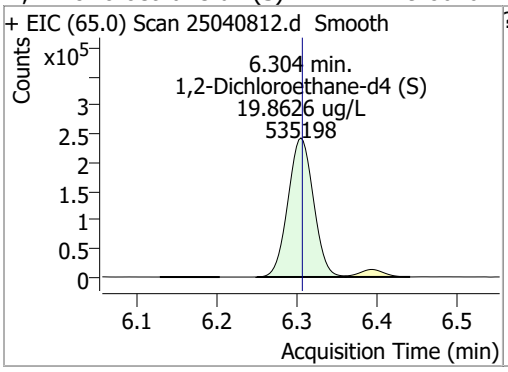
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	20.9095	6.14	0.00	988402	119.0	97.7	66.7	126.7
					82.0	26.3	0.0	57.0

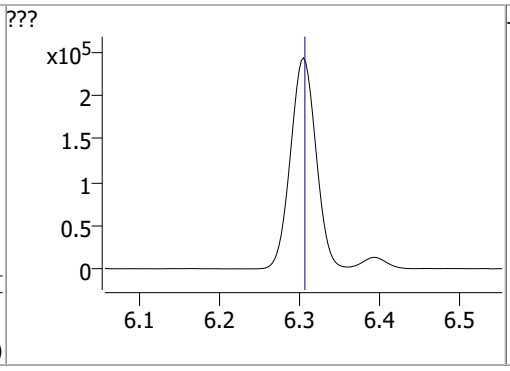


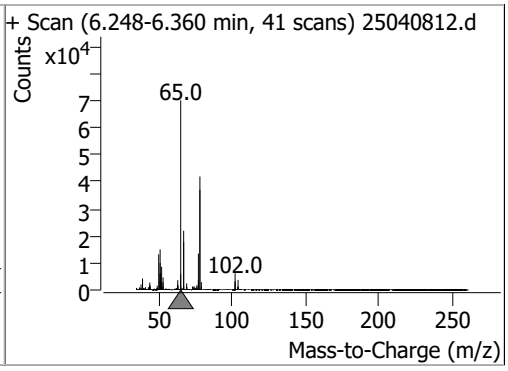




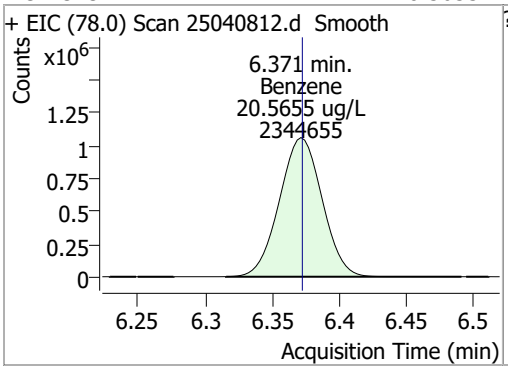
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	19.8626	6.30	0.00	535198				

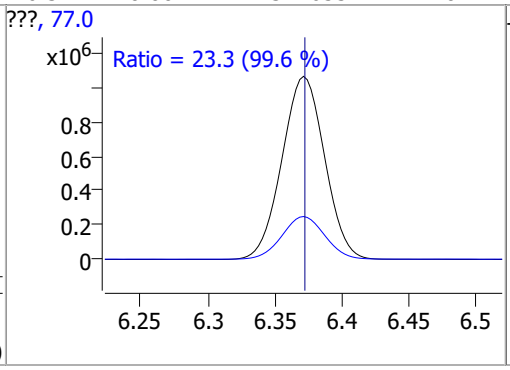


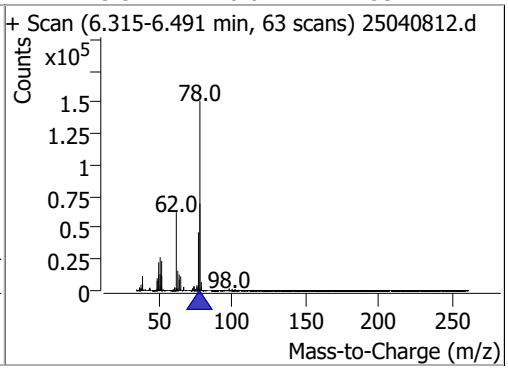




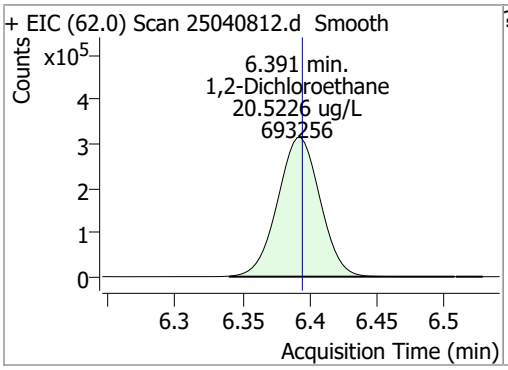
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	20.5655	6.37	0.00	2344655	77.0	23.3	0.0	53.4

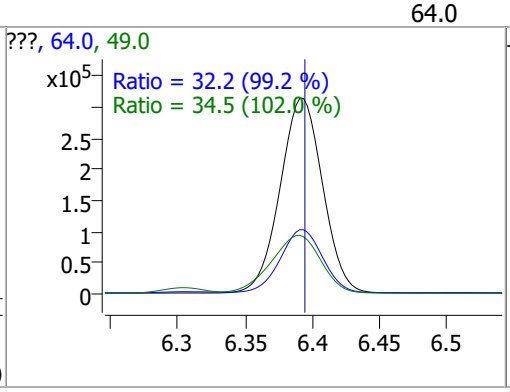


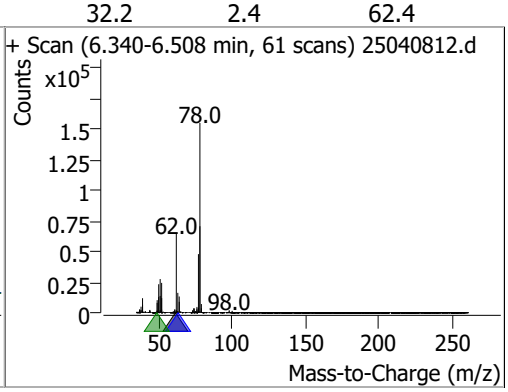




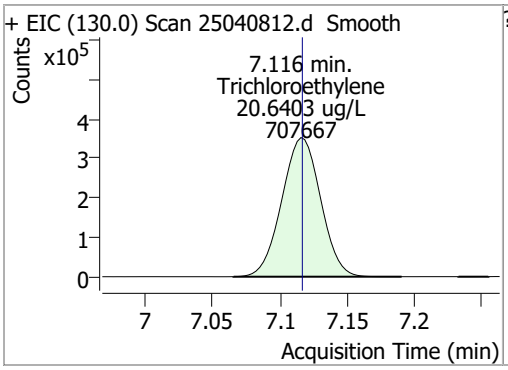
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	20.5226	6.39	0.00	693256	49.0	34.5	3.8	63.8
					64.0	32.2	2.4	62.4

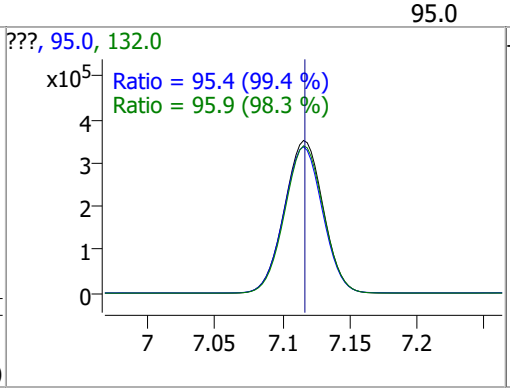


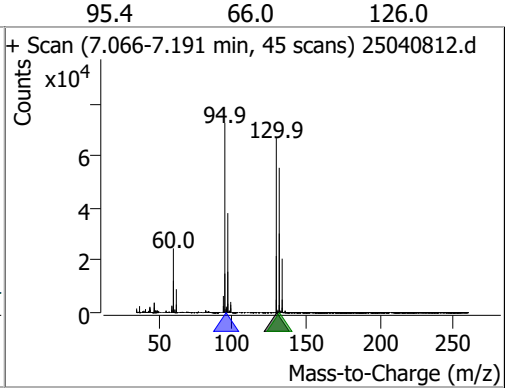




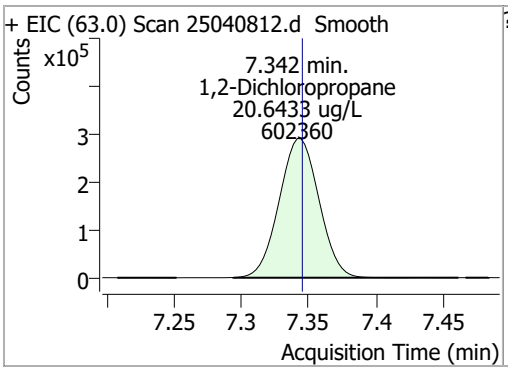
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	20.6403	7.12	0.00	707667	132.0	95.9	67.6	127.6
					95.0	95.4	66.0	126.0

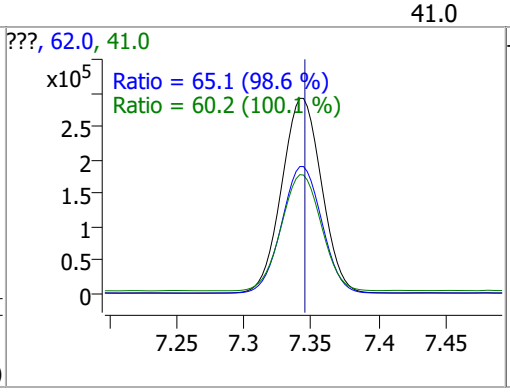


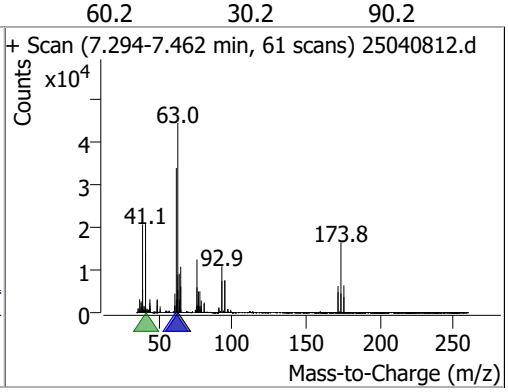




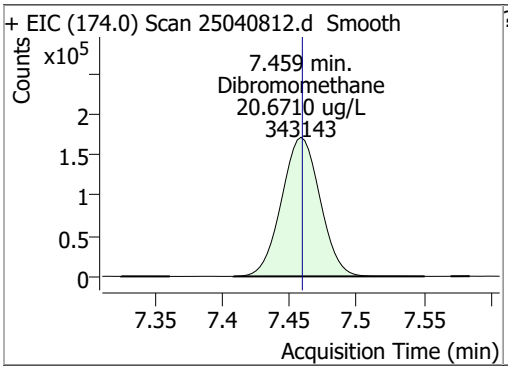
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	20.6433	7.34	0.00	602360	62.0	65.1	36.0	96.0
					41.0	60.2	30.2	90.2

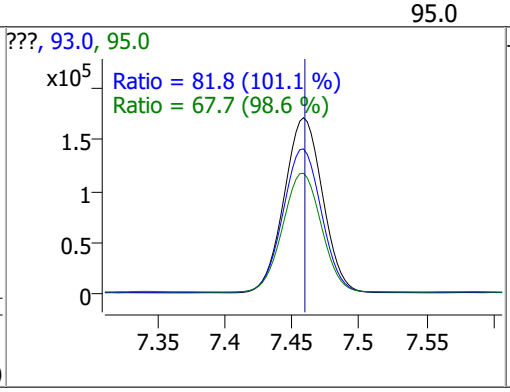


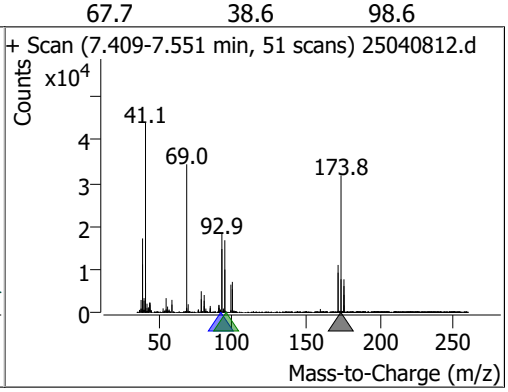




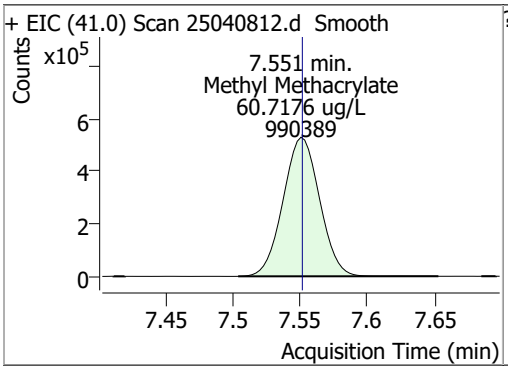
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	20.6710	7.46	0.00	343143	93.0	81.8	50.9	110.9
					95.0	67.7	38.6	98.6

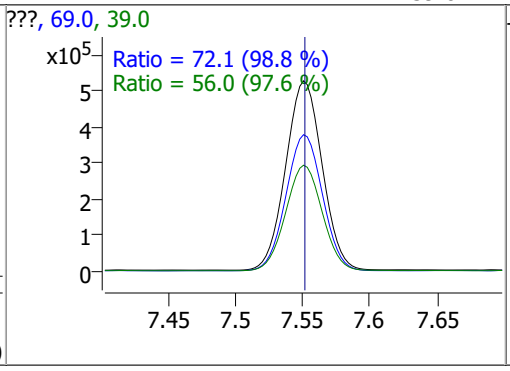


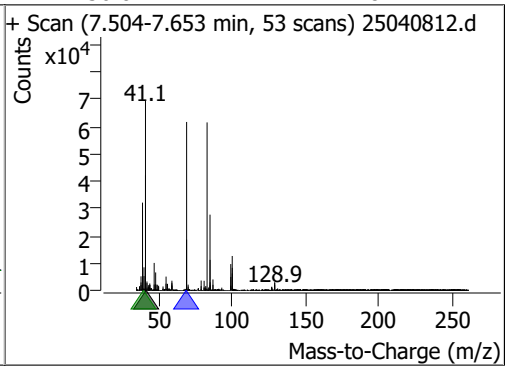




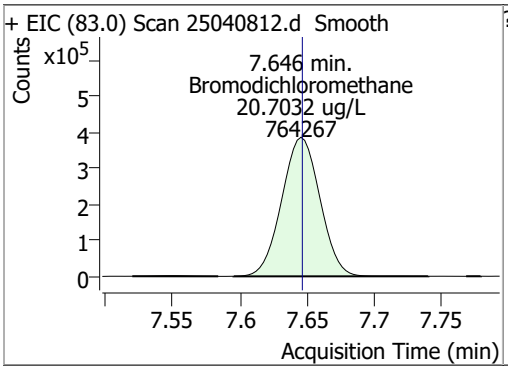
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	60.7176	7.55	0.00	990389	69.0	72.1	42.9	102.9
					39.0	56.0	27.4	87.4

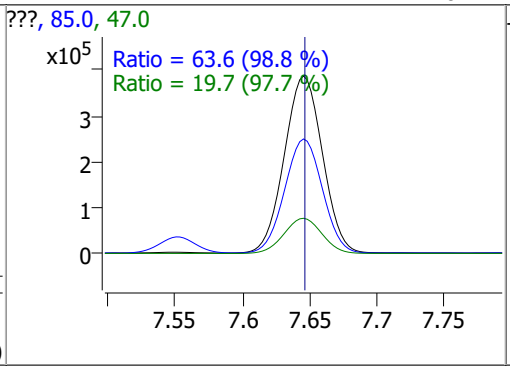


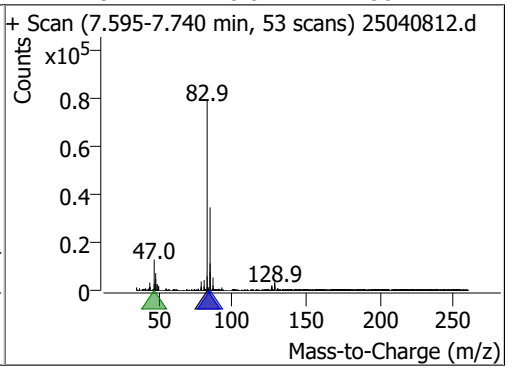




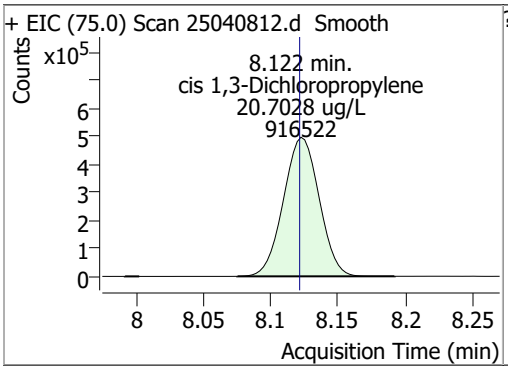
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	20.7032	7.65	0.00	764267	85.0	63.6	34.4	94.4
					47.0	19.7	0.0	50.2

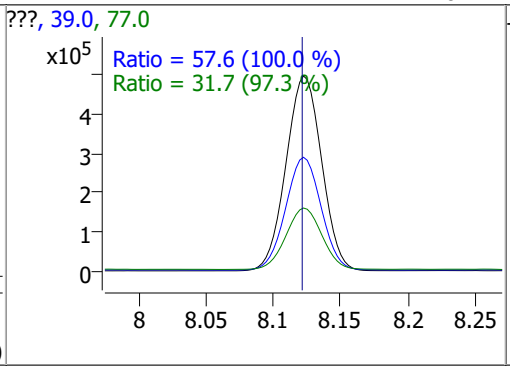


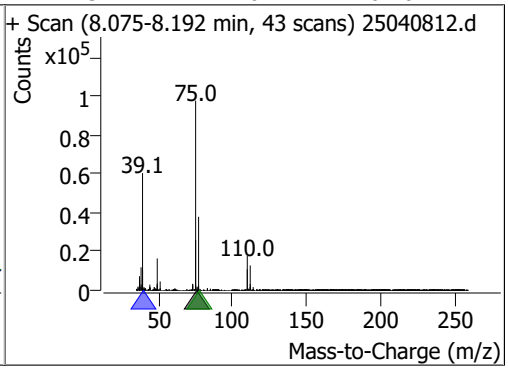




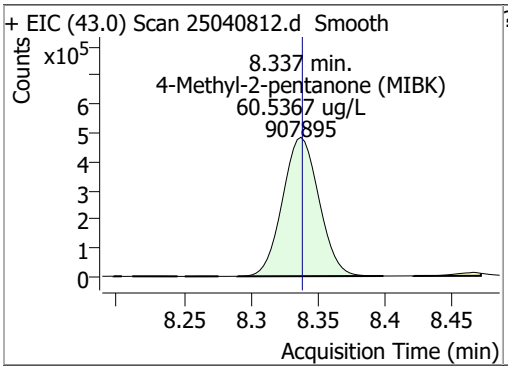
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	20.7028	8.12	0.00	916522	39.0	57.6	27.6	87.6
					77.0	31.7	2.6	62.6

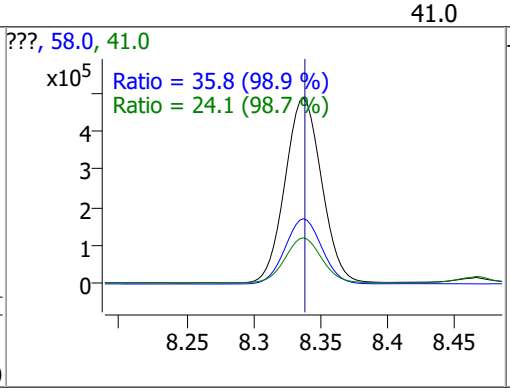


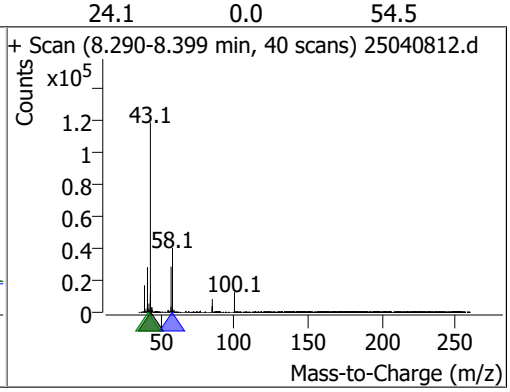




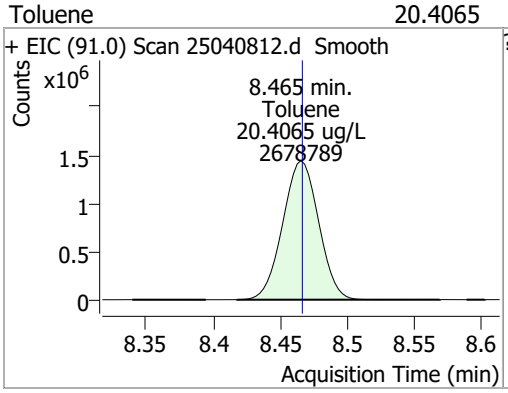
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	60.5367	8.34	0.00	907895	58.0	35.8	6.2	66.2
					41.0	24.1	0.0	54.5

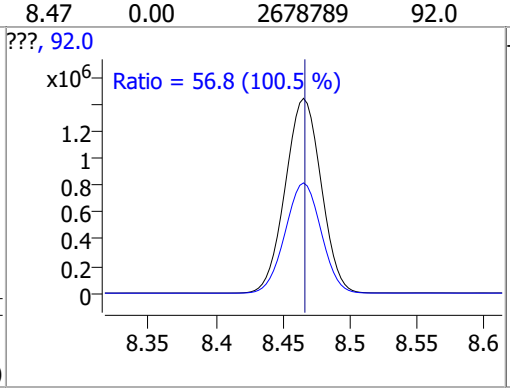


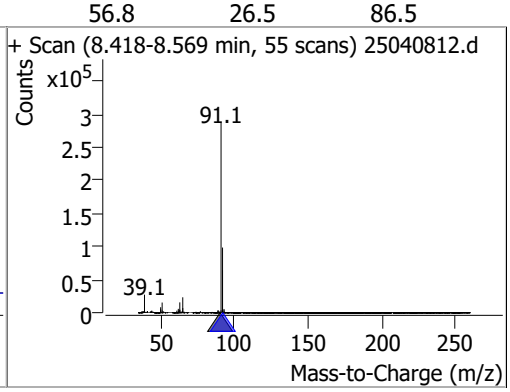




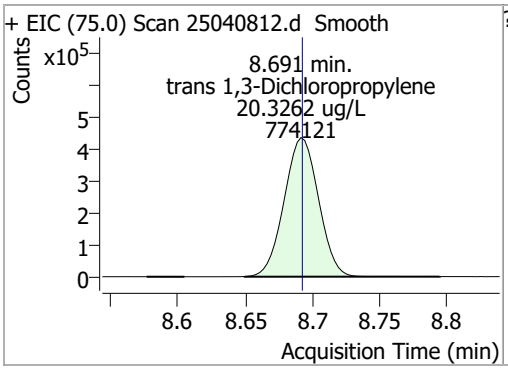
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	20.4065	8.47	0.00	2678789	92.0	56.8	26.5	86.5

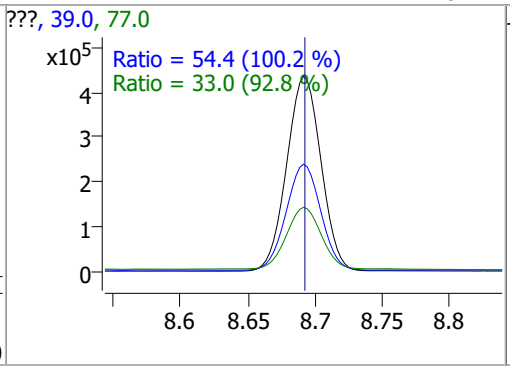


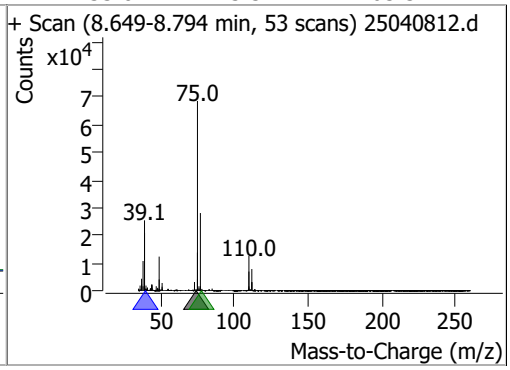




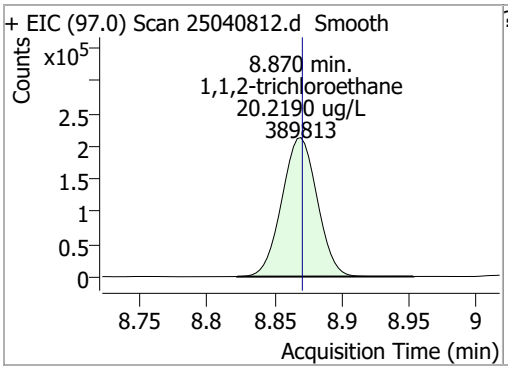
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	20.3262	8.69	0.00	774121	39.0	54.4	24.3	84.3
					77.0	33.0	5.5	65.5

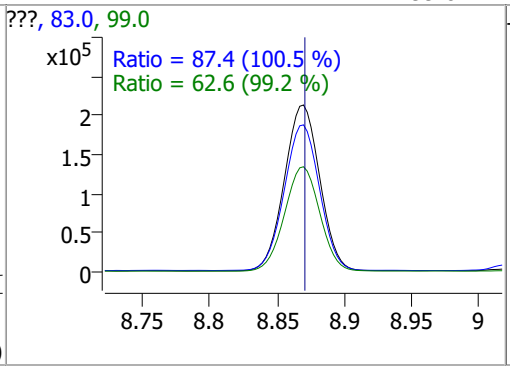


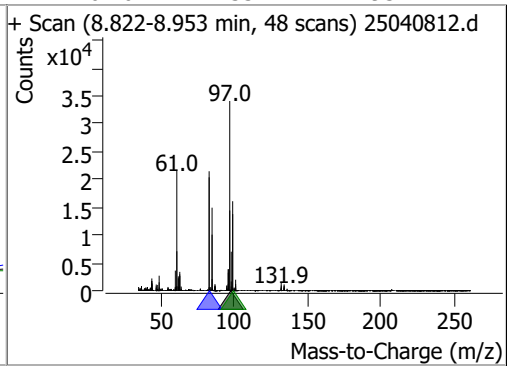




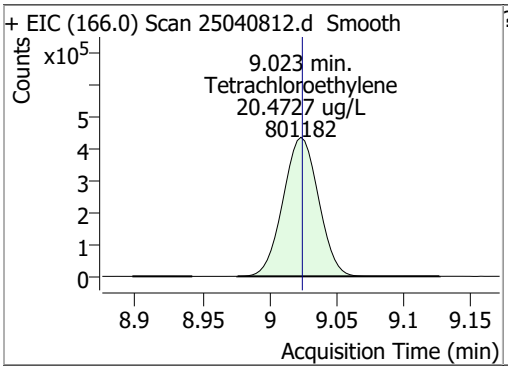
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	20.2190	8.87	0.00	389813	83.0	87.4	57.0	117.0
					99.0	62.6	33.1	93.1

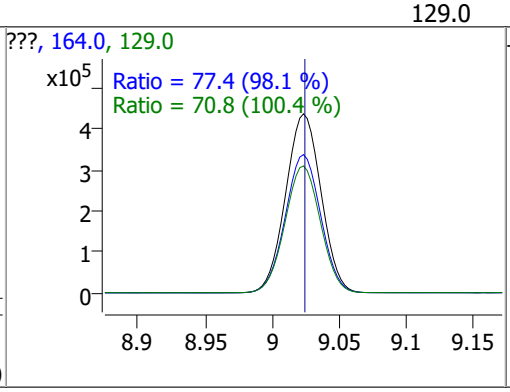


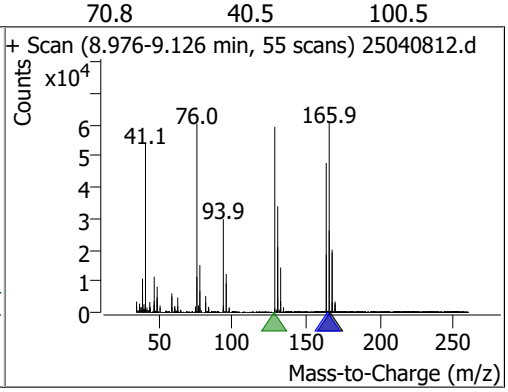




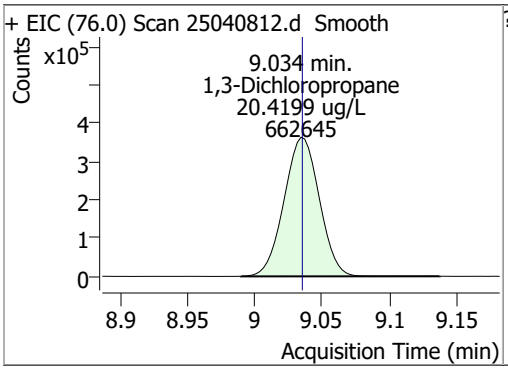
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	20.4727	9.02	0.00	801182	164.0	77.4	48.9	108.9
					129.0	70.8	40.5	100.5

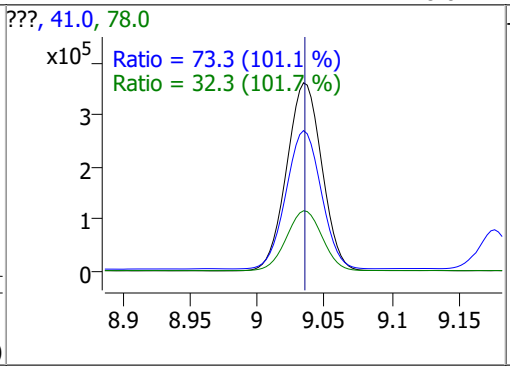


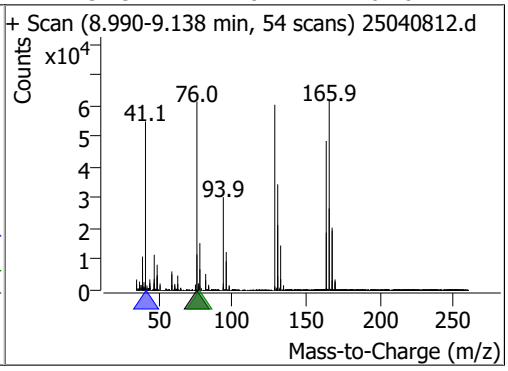




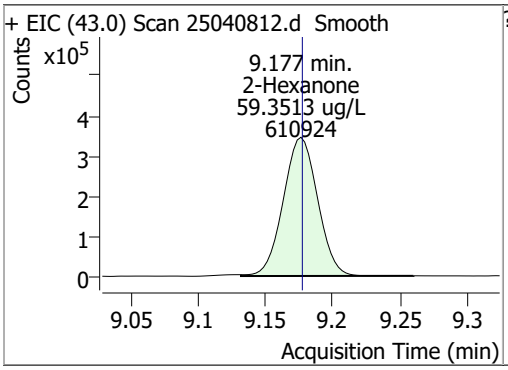
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	20.4199	9.03	0.00	662645	41.0	73.3	42.5	102.5
					78.0	32.3	1.8	61.8

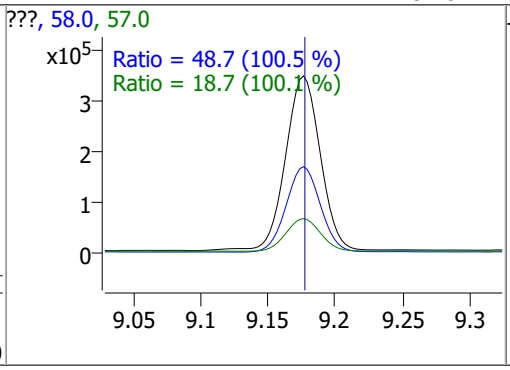


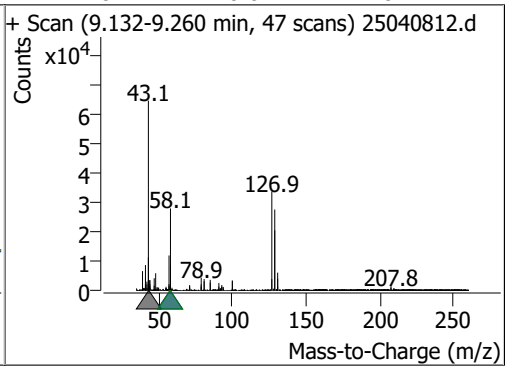




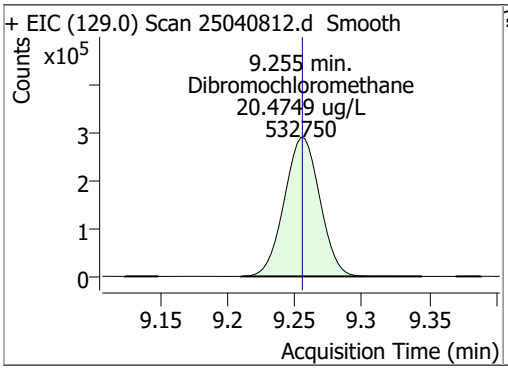
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	59.3513	9.18	0.00	610924	58.0	48.7	18.4	78.4
					57.0	18.7	0.0	48.7

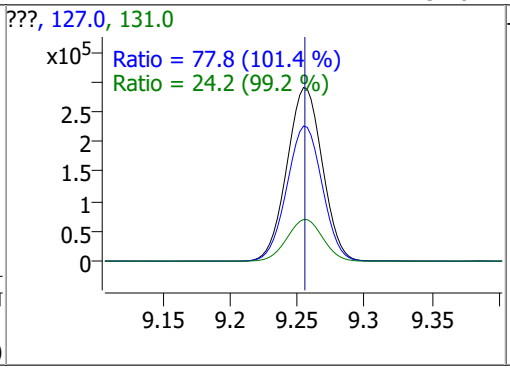


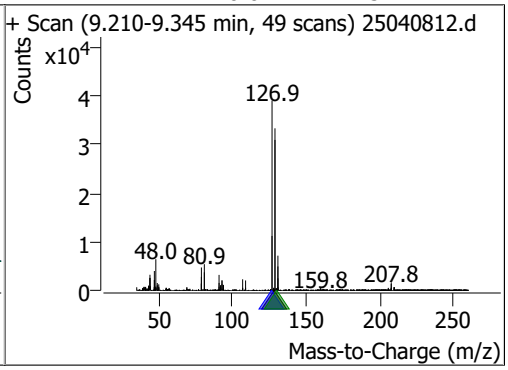




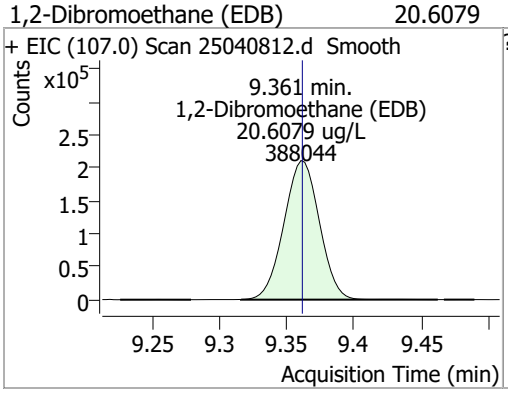
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	20.4749	9.25	0.00	532750	127.0	77.8	46.7	106.7
					131.0	24.2	0.0	54.4

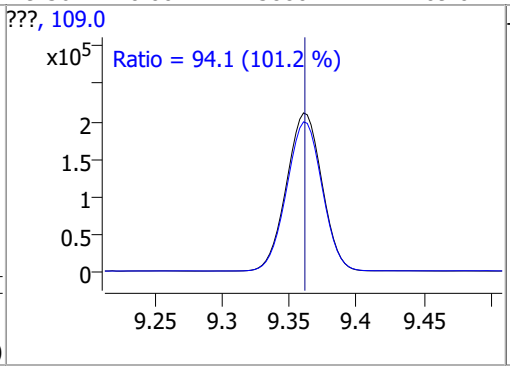


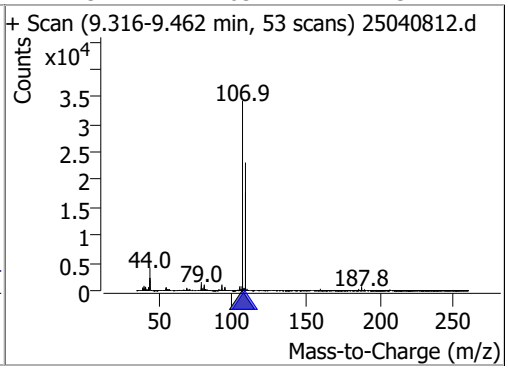




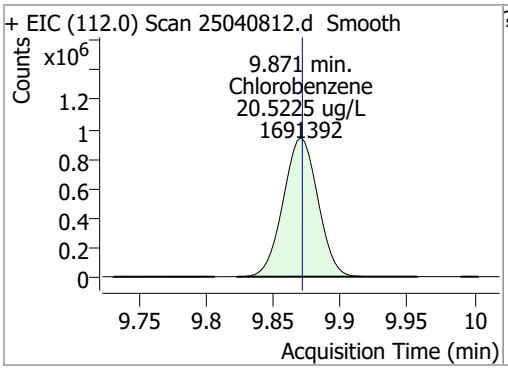
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	20.6079	9.36	0.00	388044	109.0	94.1	63.1	123.1

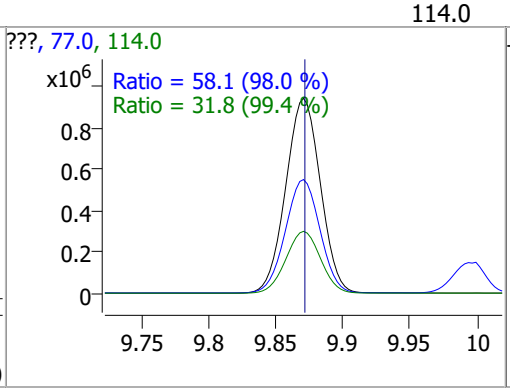


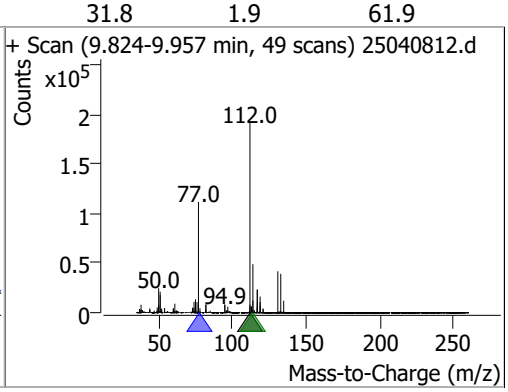




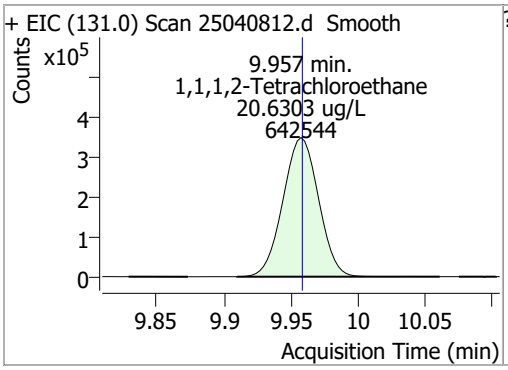
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	20.5225	9.87	0.00	1691392	77.0	58.1	29.3	89.3
					114.0	31.8	1.9	61.9

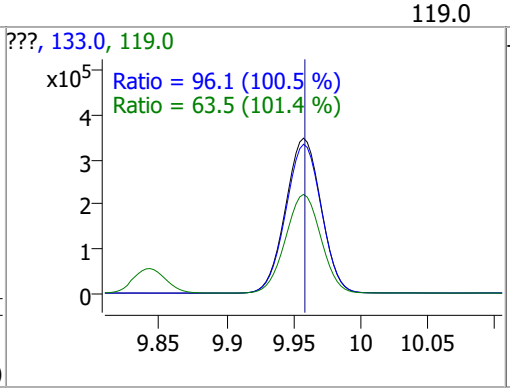


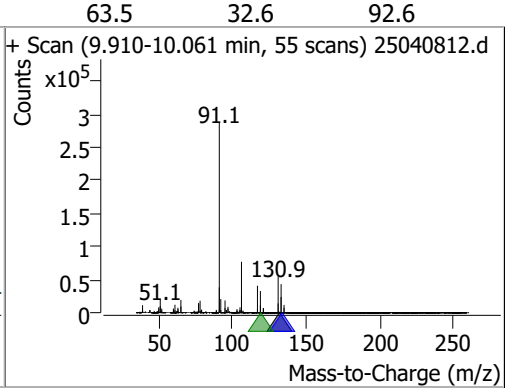




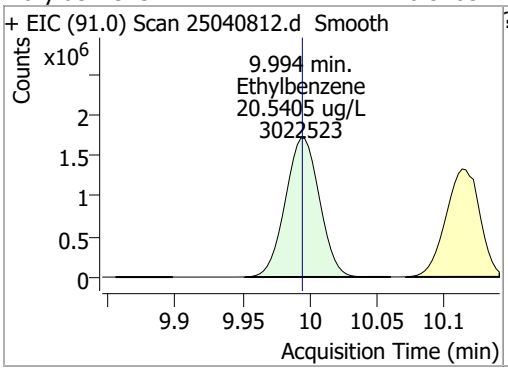
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	20.6303	9.96	0.00	642544	133.0	96.1	65.7	125.7
					119.0	63.5	32.6	92.6

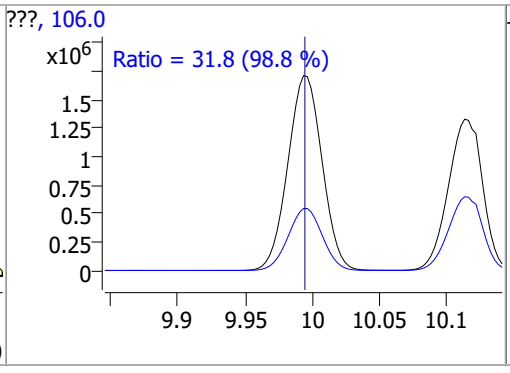


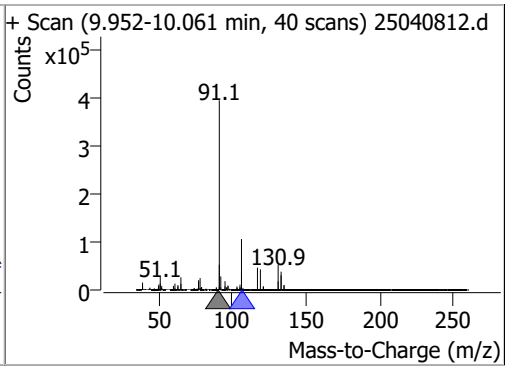




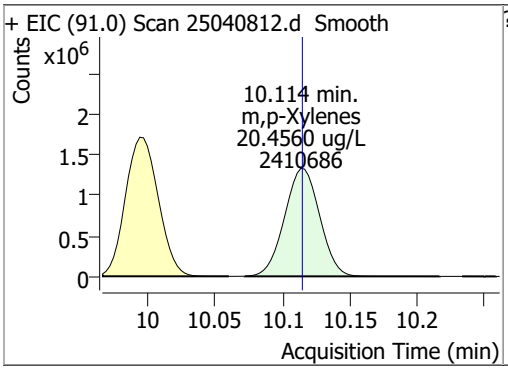
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	20.5405	9.99	0.00	3022523	106.0	31.8	2.2	62.2

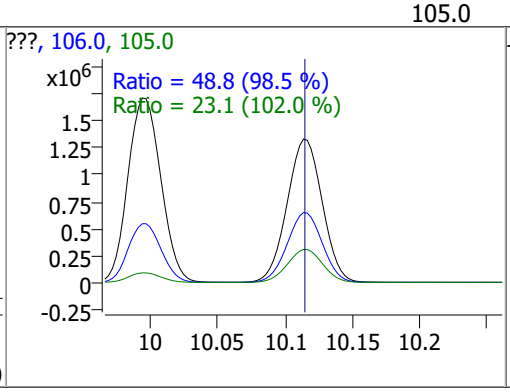


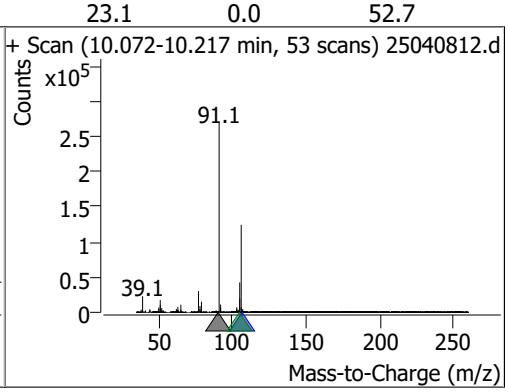




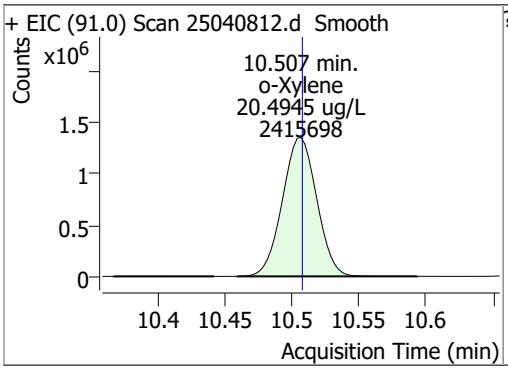
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	20.4560	10.11	0.00	2410686	106.0	48.8	19.6	79.6
					105.0	23.1	0.0	52.7

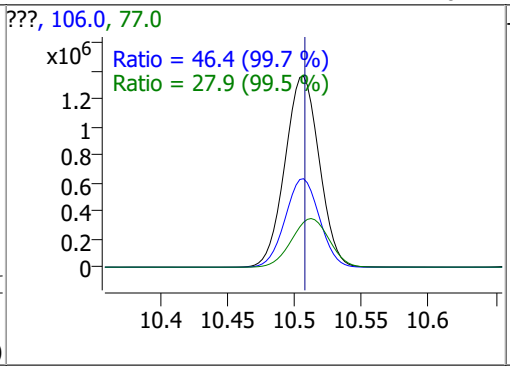


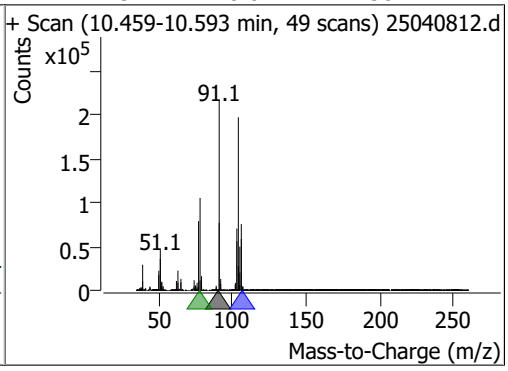




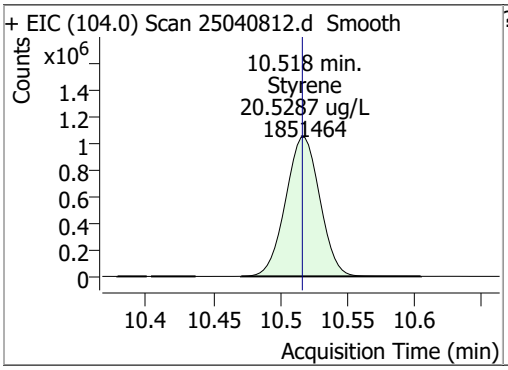
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	20.4945	10.51	0.00	2415698	106.0	46.4	16.5	76.5
					77.0	27.9	0.0	58.1

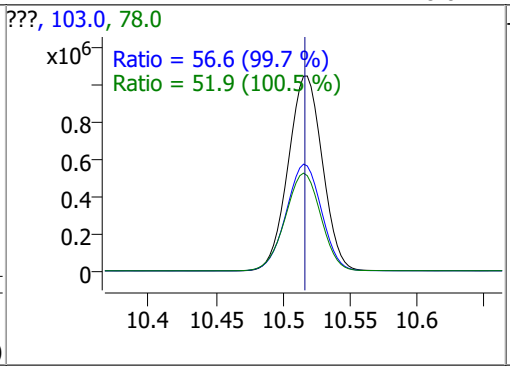


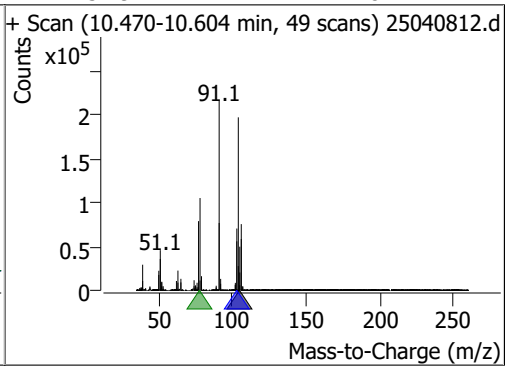




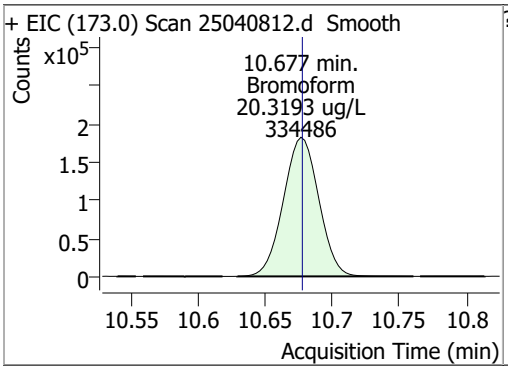
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	20.5287	10.52	0.00	1851464	103.0	56.6	26.7	86.7
					78.0	51.9	21.7	81.7

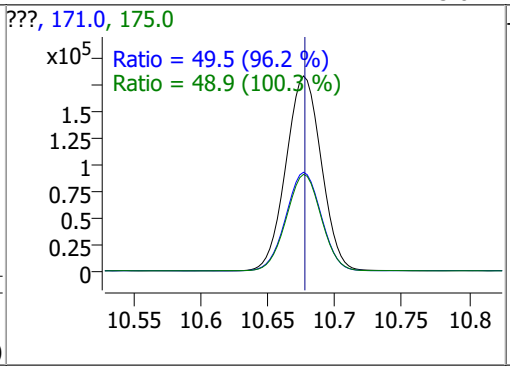


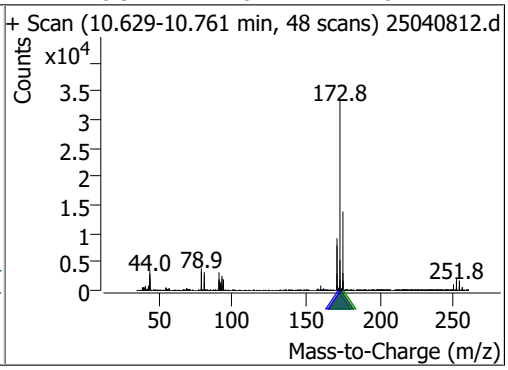




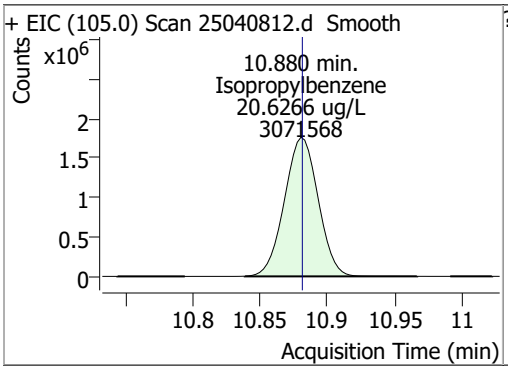
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	20.3193	10.68	0.00	334486	171.0	49.5	21.4	81.4
					175.0	48.9	18.7	78.7

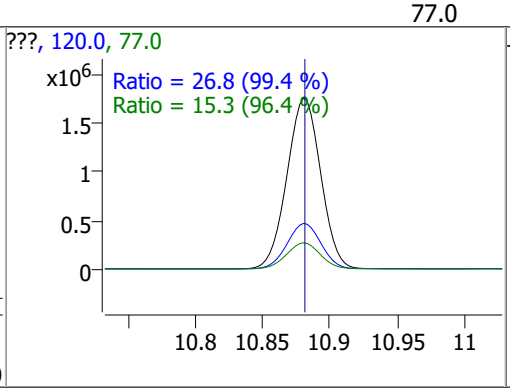


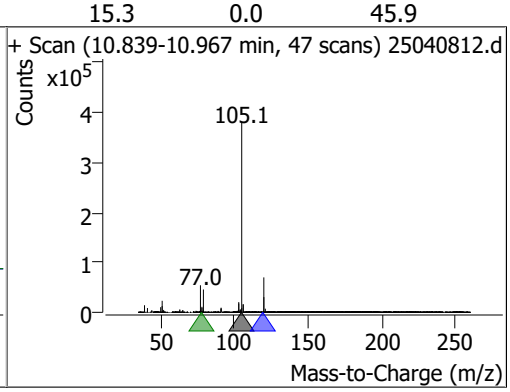




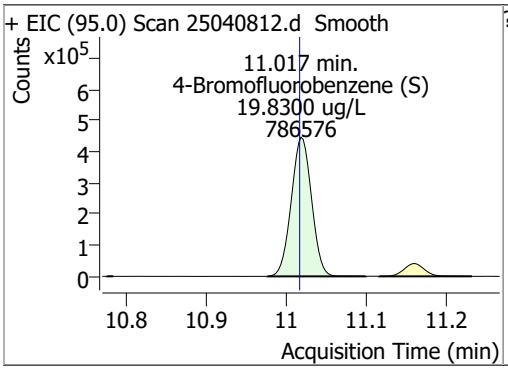
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	20.6266	10.88	0.00	3071568	120.0	26.8	0.0	56.9
					77.0	15.3	0.0	45.9

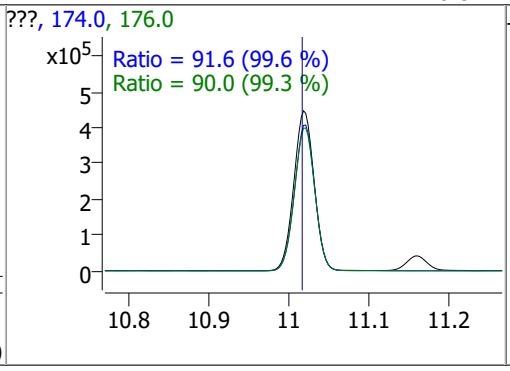


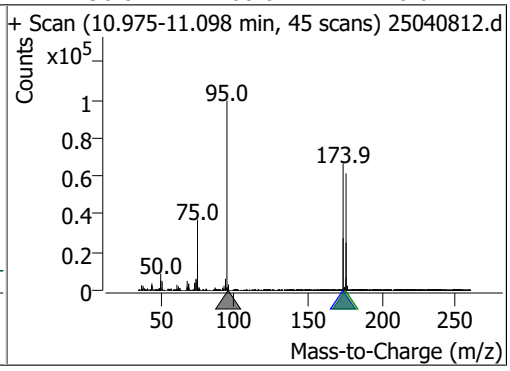




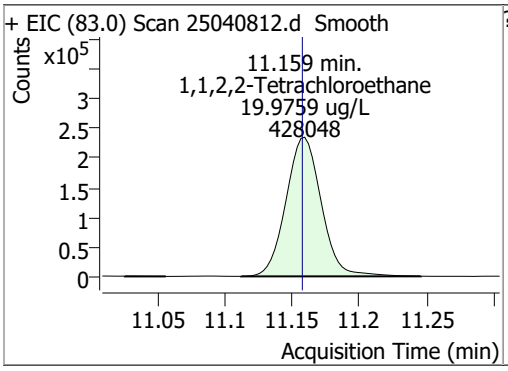
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	19.8300	11.02	0.00	786576	174.0	91.6	61.9	121.9
					176.0	90.0	60.6	120.6

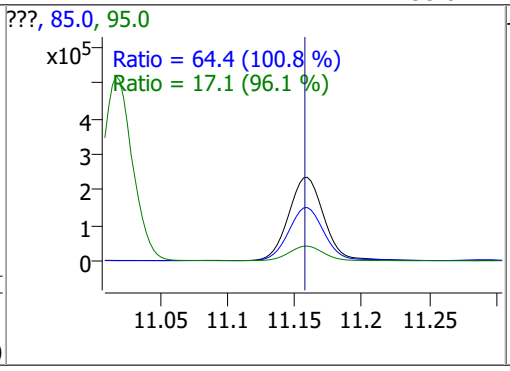


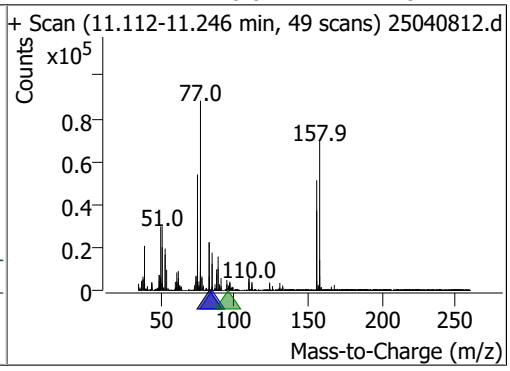




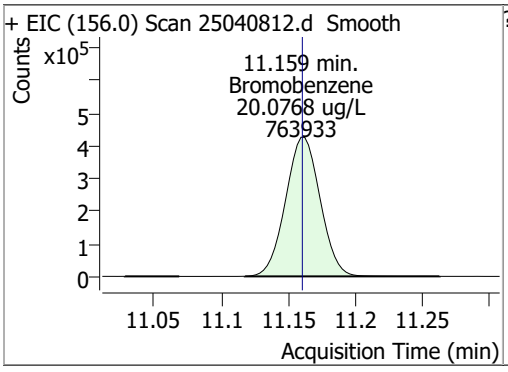
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	19.9759	11.16	0.00	428048	85.0	64.4	33.9	93.9
					95.0	17.1	0.0	47.8

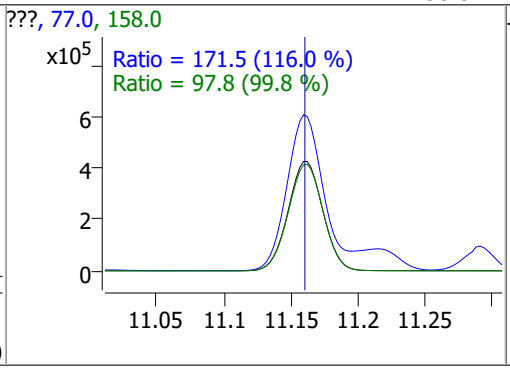


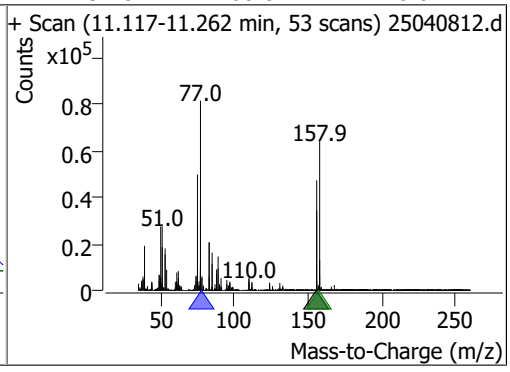




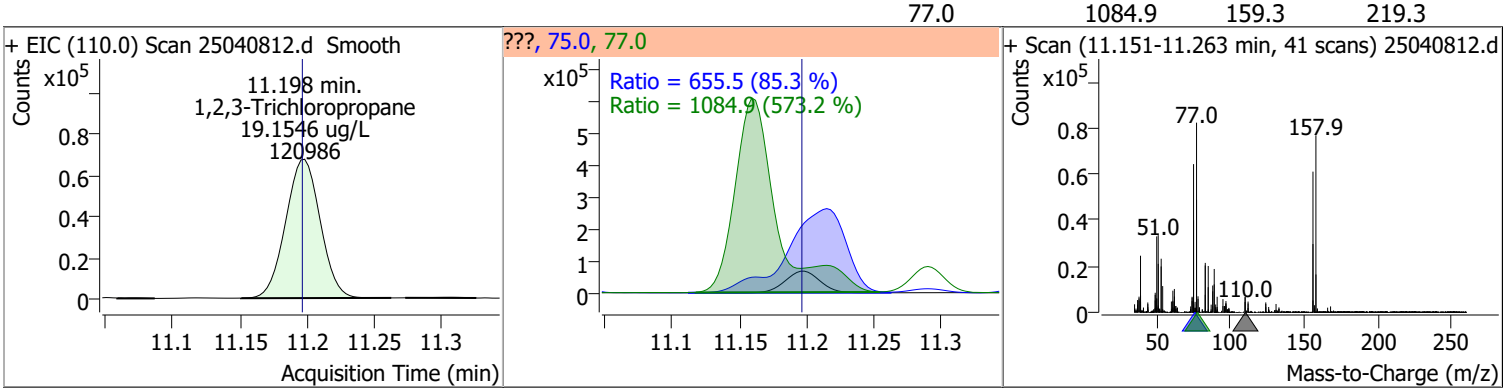
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	20.0768	11.16	0.00	763933	77.0	171.5	117.8	177.8
					158.0	97.8	68.0	128.0



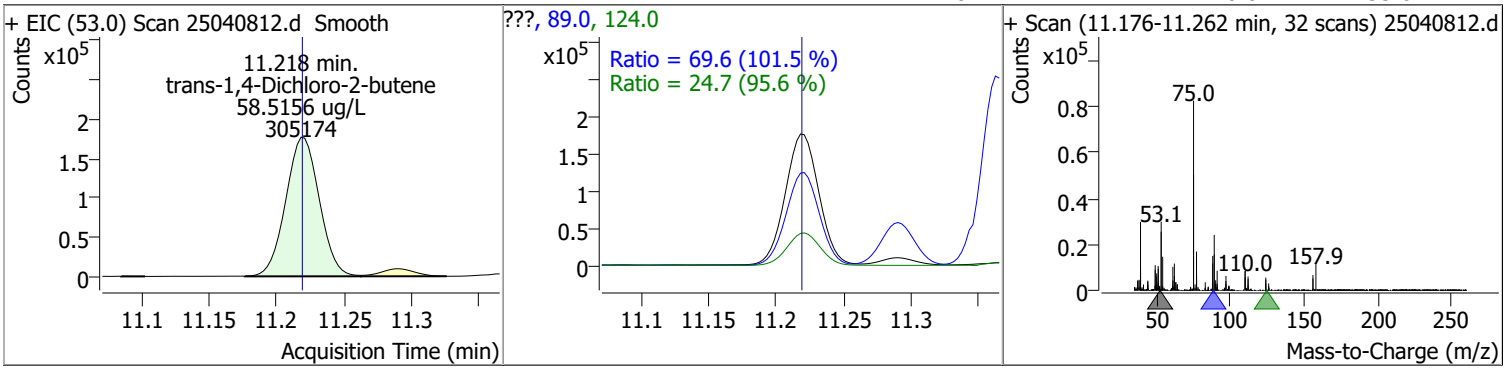




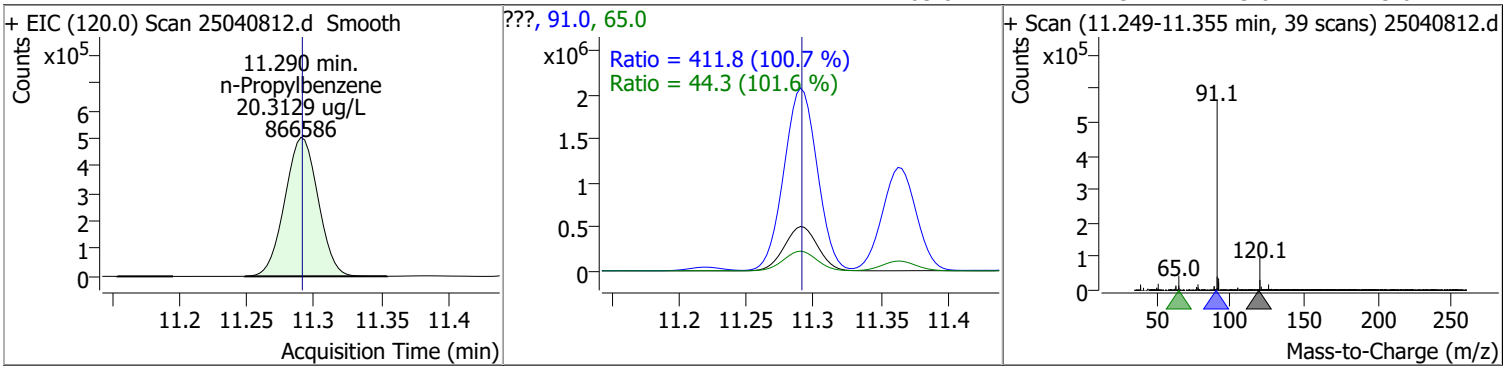
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	19.1546	11.20	0.00	120986	75.0	655.5	738.8	798.8
					77.0	1084.9	159.3	219.3



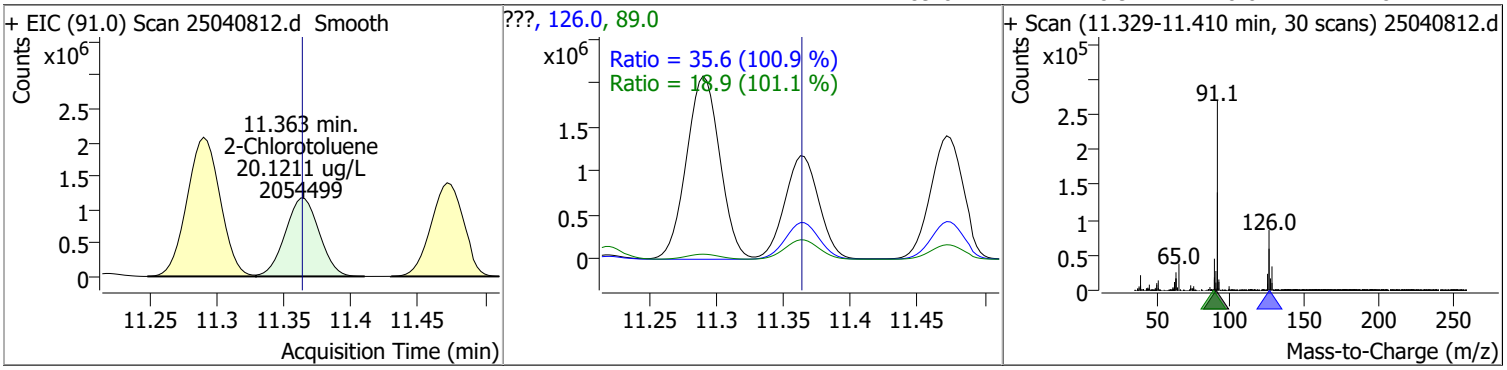
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	58.5156	11.22	0.00	305174	89.0	69.6	38.6	98.6
					124.0	24.7	0.0	55.8



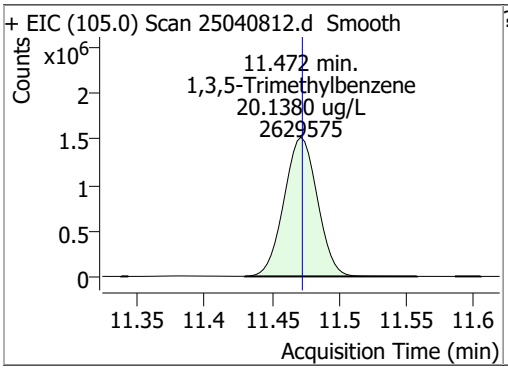
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	20.3129	11.29	0.00	866586	91.0	411.8	378.8	438.8
					65.0	44.3	13.6	73.6

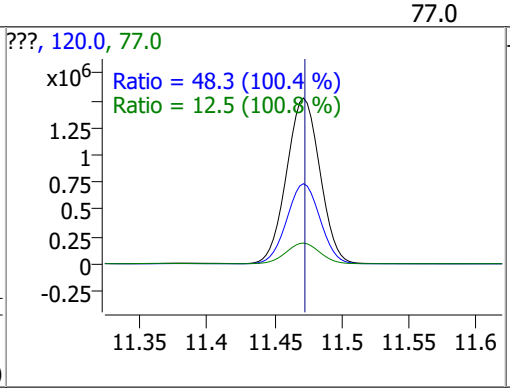


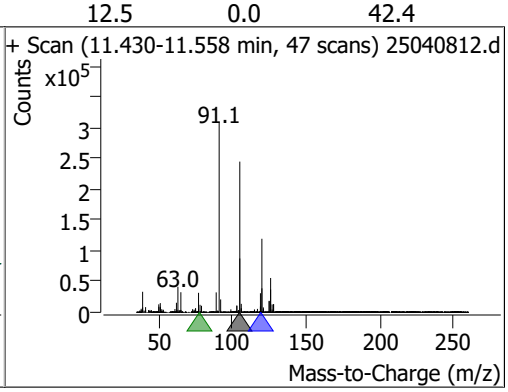
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	20.1211	11.36	0.00	2054499	126.0	35.6	5.2	65.2
					89.0	18.9	0.0	48.7



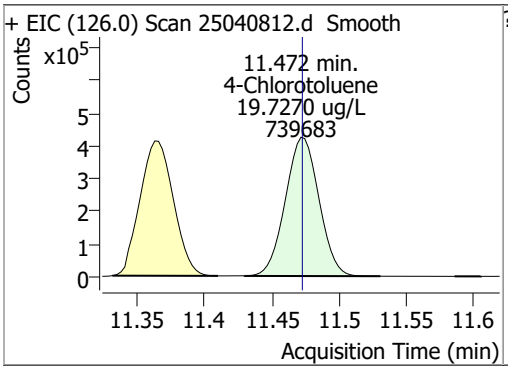
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	20.1380	11.47	0.00	2629575	120.0	48.3	18.1	78.1
					77.0	12.5	0.0	42.4

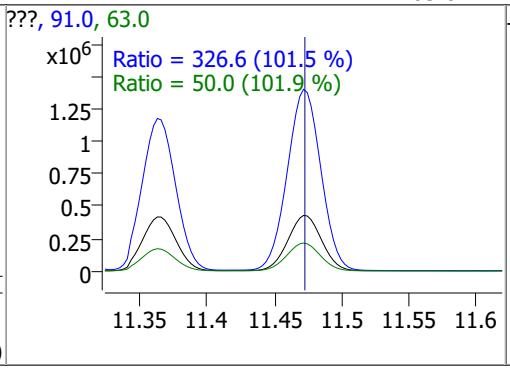


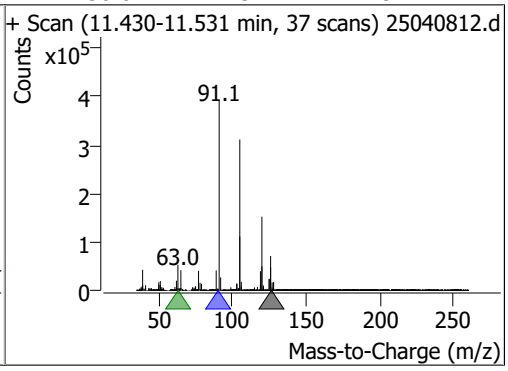




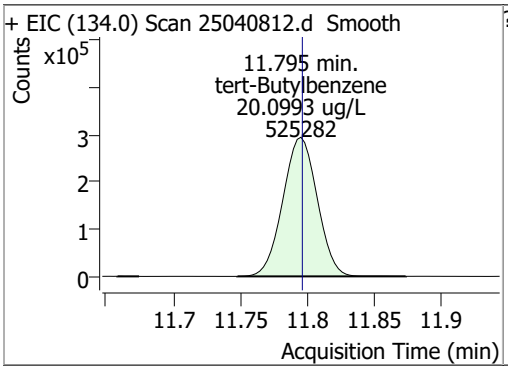
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	19.7270	11.47	0.00	739683	91.0	326.6	291.7	351.7
					63.0	50.0	19.1	79.1

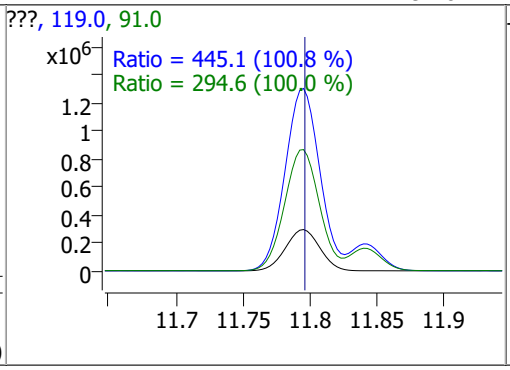


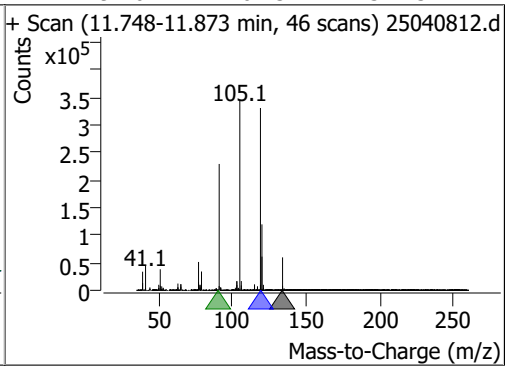




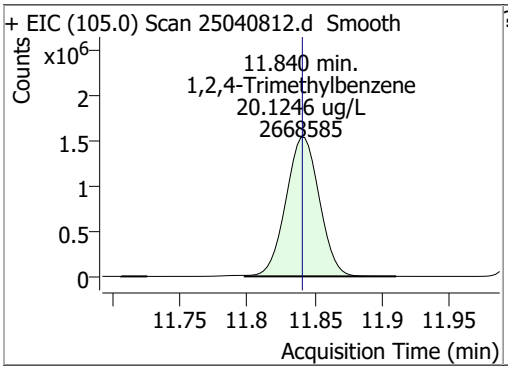
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	20.0993	11.80	0.00	525282	119.0	445.1	411.8	471.8
					91.0	294.6	264.5	324.5

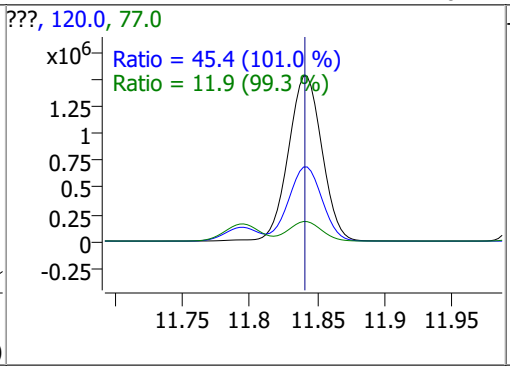


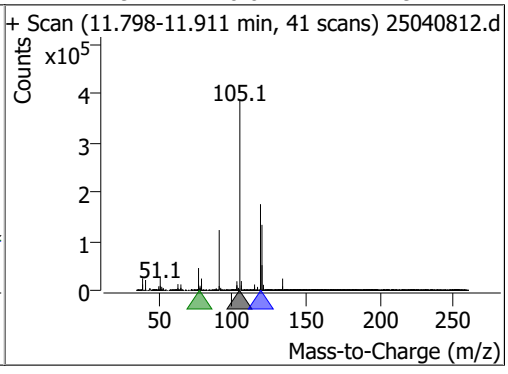




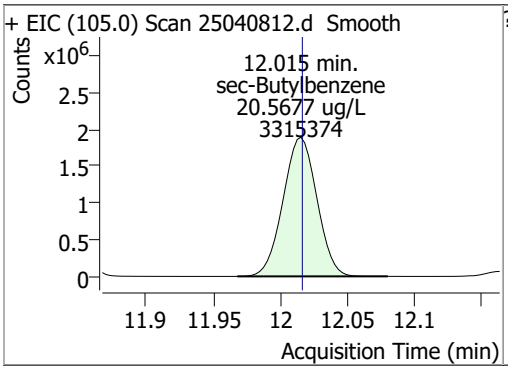
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	20.1246	11.84	0.00	2668585	120.0	45.4	15.0	75.0
					77.0	11.9	0.0	41.9

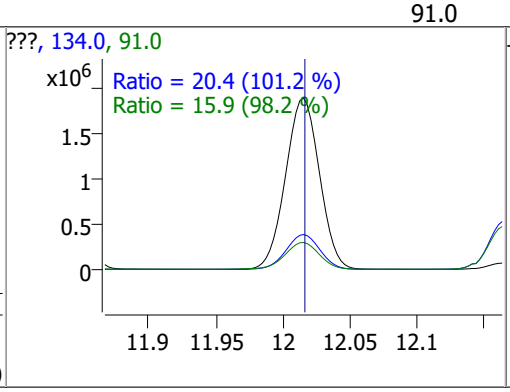


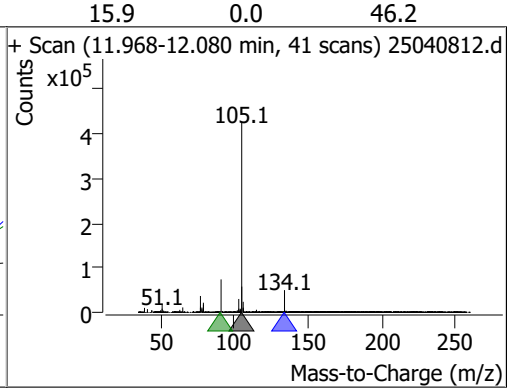




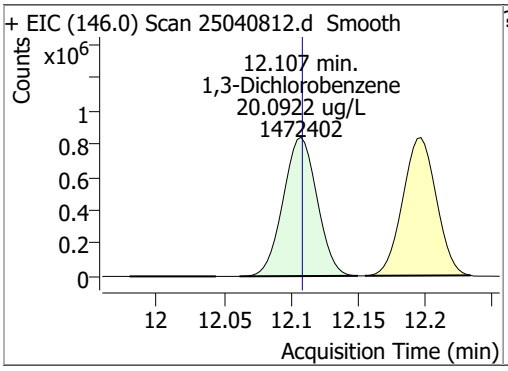
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	20.5677	12.02	0.00	3315374	134.0	20.4	0.0	50.2
					91.0	15.9	0.0	46.2

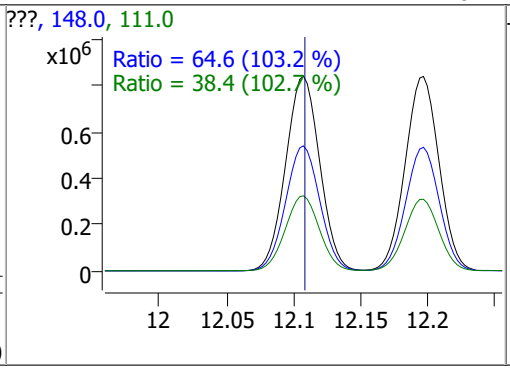


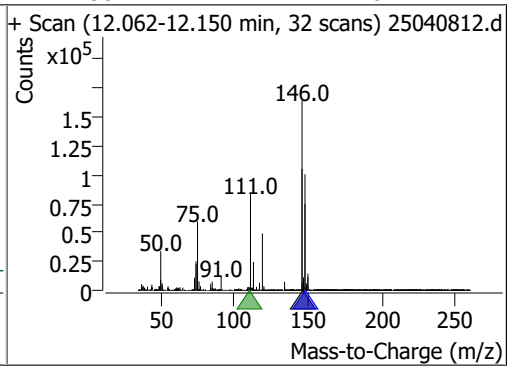




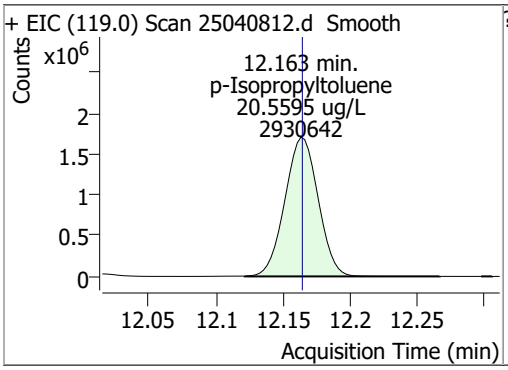
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	20.0922	12.11	0.00	1472402	148.0	64.6	32.5	92.5
					111.0	38.4	7.4	67.4

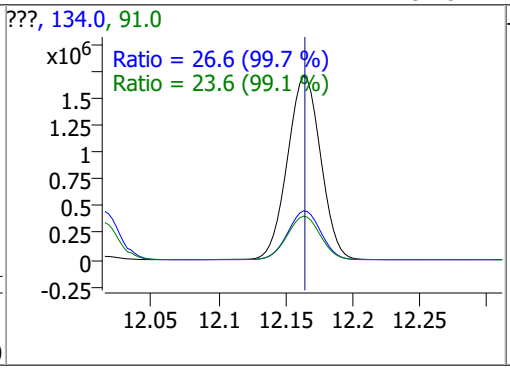


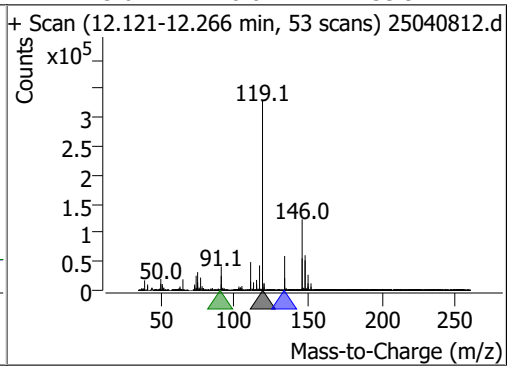




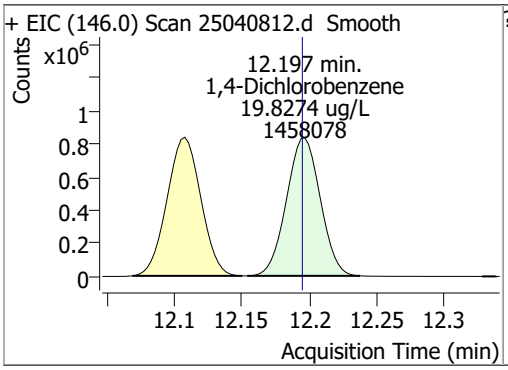
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	20.5595	12.16	0.00	2930642	134.0	26.6	0.0	56.7
					91.0	23.6	0.0	53.9

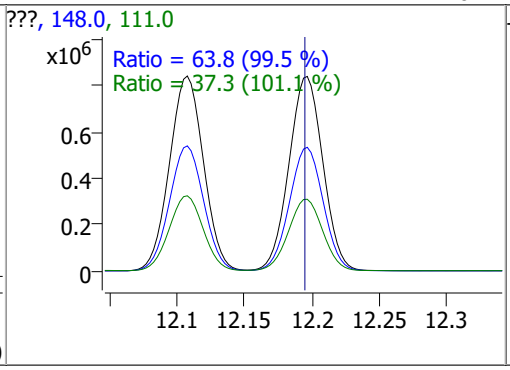


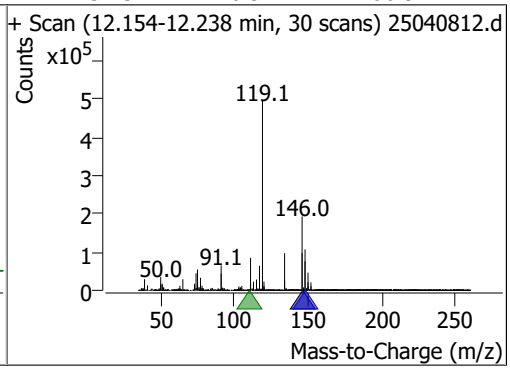




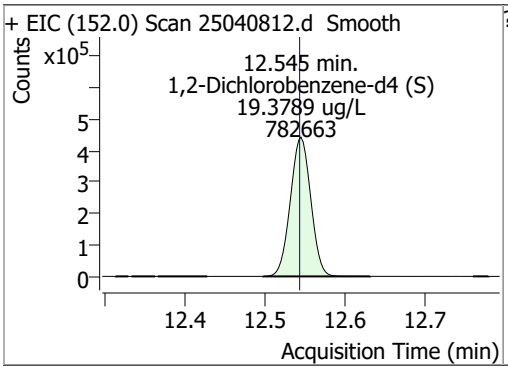
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	19.8274	12.20	0.00	1458078	148.0	63.8	34.1	94.1
					111.0	37.3	6.9	66.9

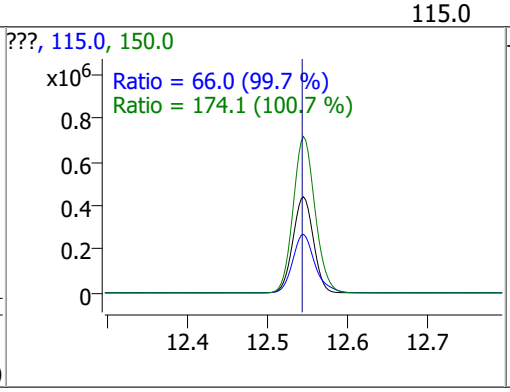


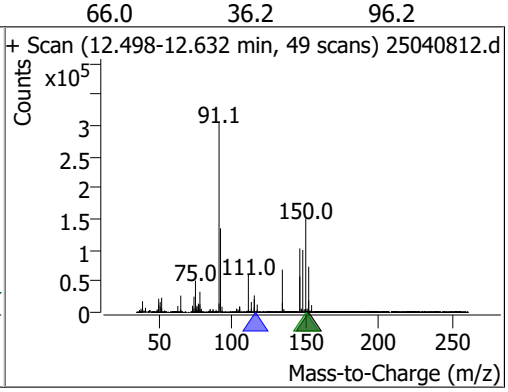




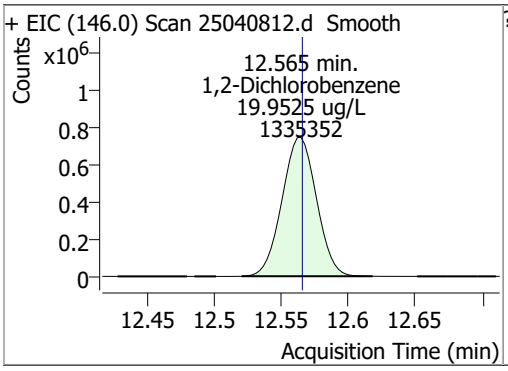
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	19.3789	12.55	0.00	782663	150.0	174.1	142.9	202.9
					115.0	66.0	36.2	96.2

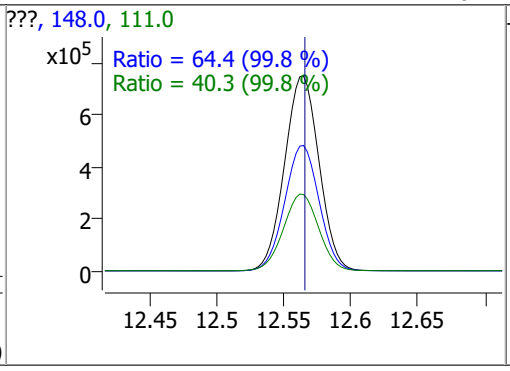


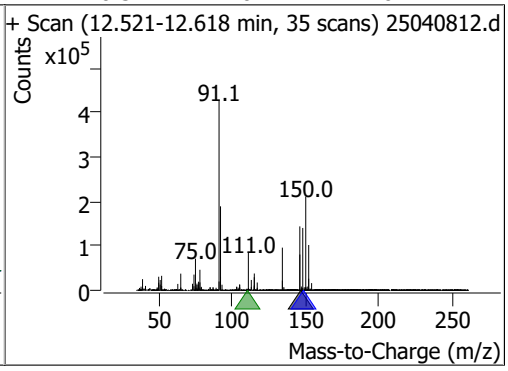




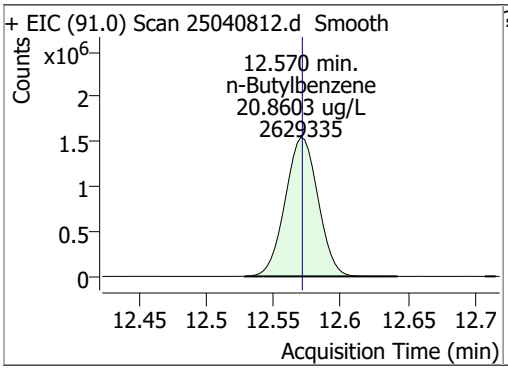
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	19.9525	12.56	0.00	1335352	148.0	64.4	34.5	94.5
					111.0	40.3	10.4	70.4

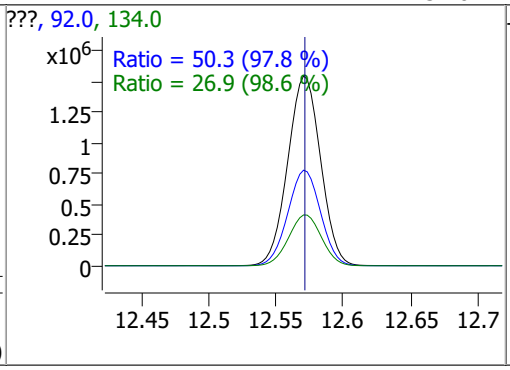


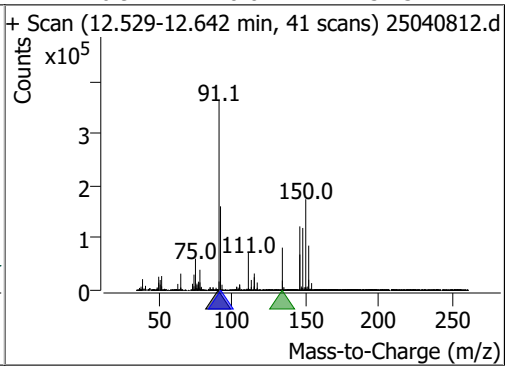




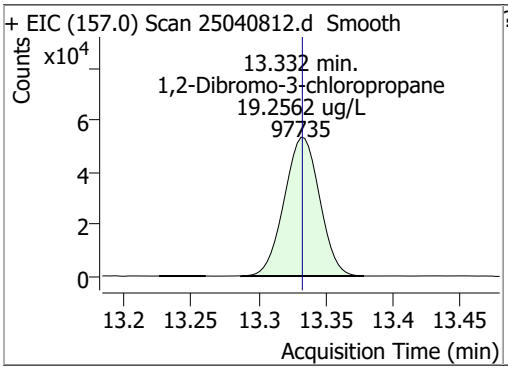
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	20.8603	12.57	0.00	2629335	92.0	50.3	21.5	81.5
					134.0	26.9	0.0	57.3

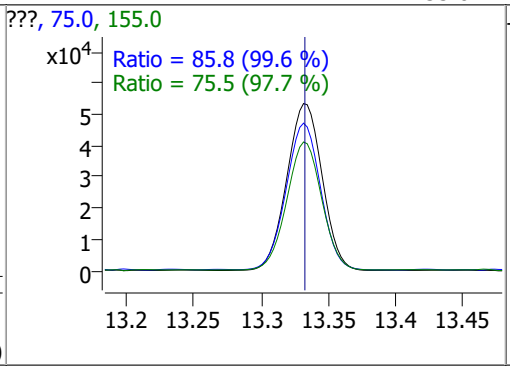


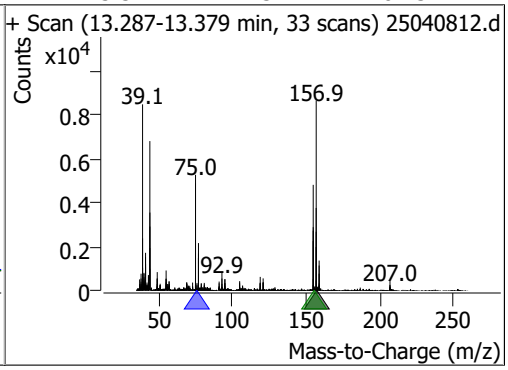




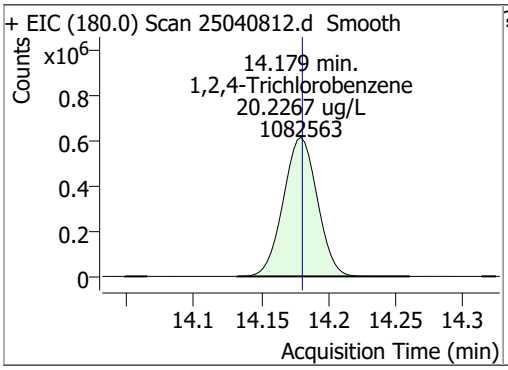
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	19.2562	13.33	0.00	97735	75.0	85.8	56.2	116.2
					155.0	75.5	47.3	107.3

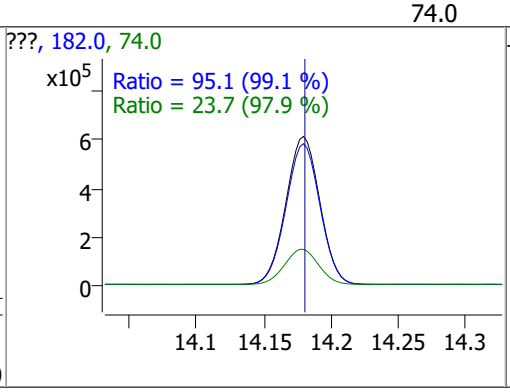


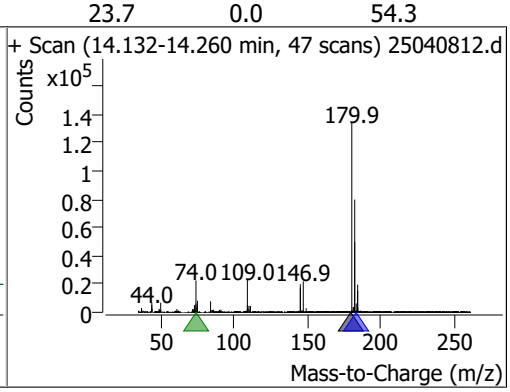




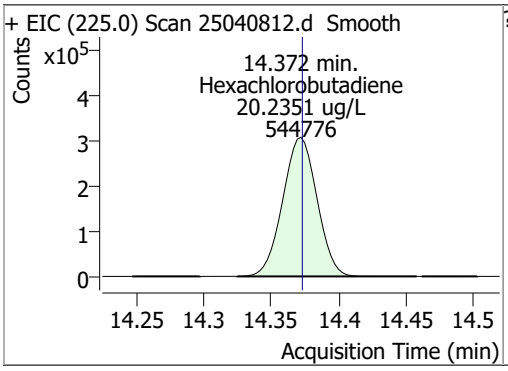
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	20.2267	14.18	0.00	1082563	182.0	95.1	66.0	126.0
					74.0	23.7	0.0	54.3

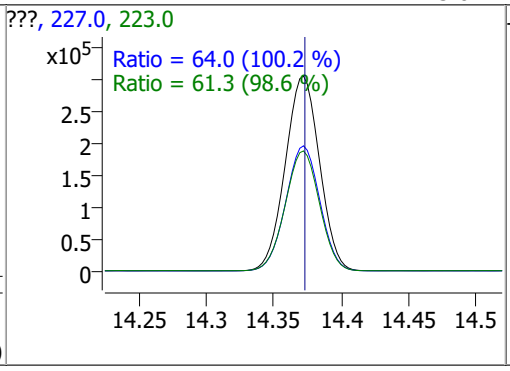


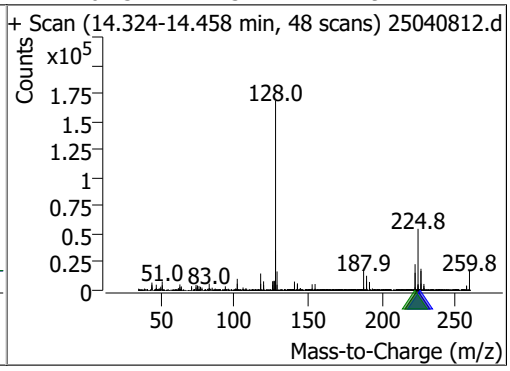




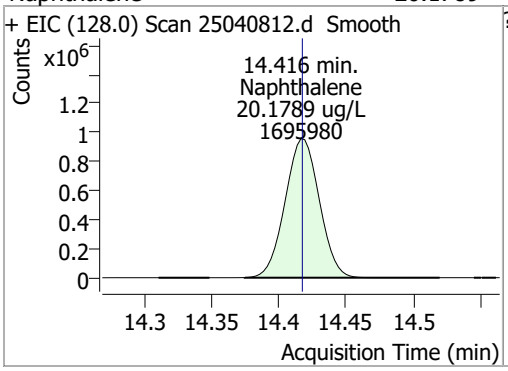
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	20.2351	14.37	0.00	544776	227.0	64.0	33.9	93.9
					223.0	61.3	32.2	92.2

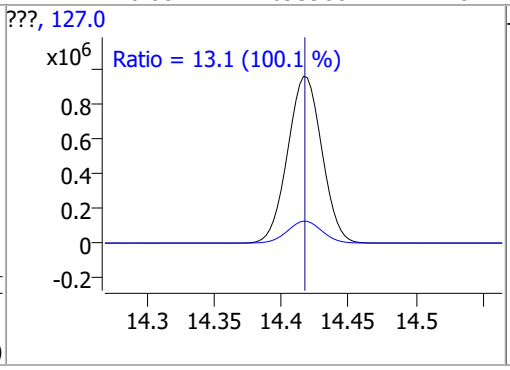


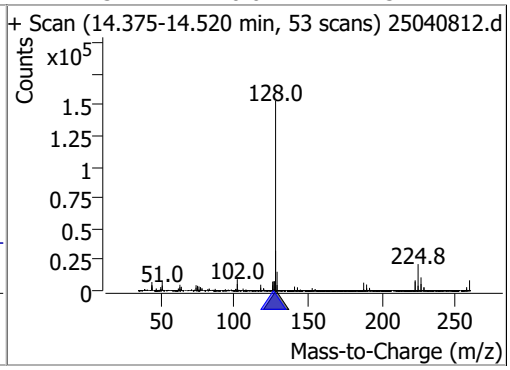




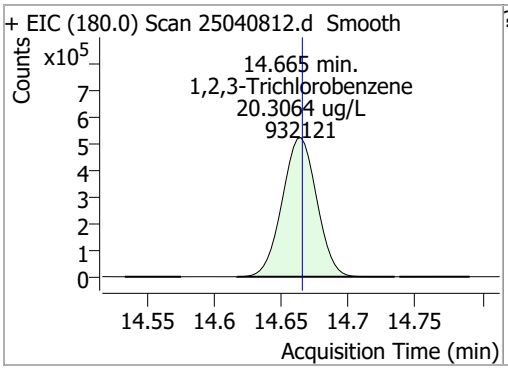
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	20.1789	14.42	0.00	1695980	127.0	13.1	0.0	43.1

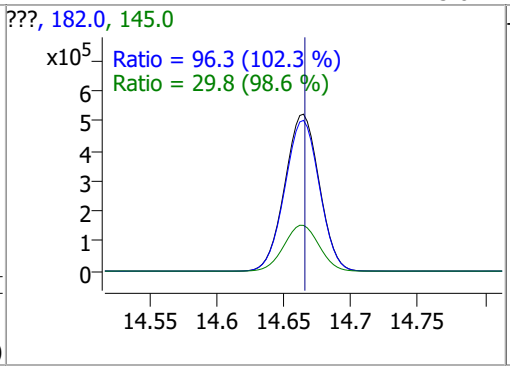


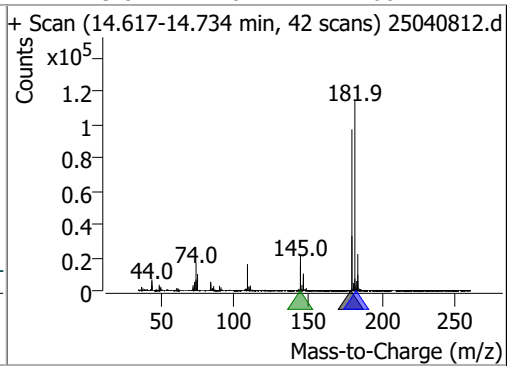




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	20.3064	14.66	0.00	932121	182.0	96.3	64.1	124.1
					145.0	29.8	0.2	60.2







Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

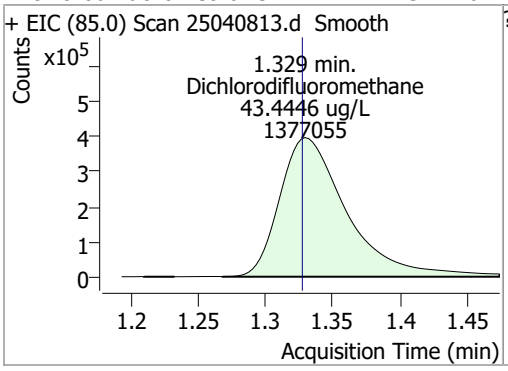
Data File	25040813.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 10:56:09 PM
Sample Name	CAL 40 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

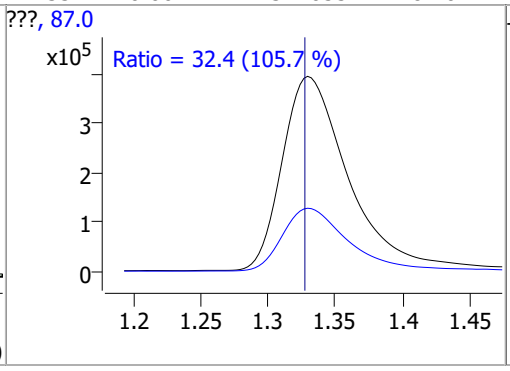
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.709		397513	4.0000	ug/L	0.003
38) Chlorobenzene-d5	9.843		304648	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		190384	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		2795230	40.7577	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.307		1077476	40.0417	ug/L	0.003
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		1604038	40.0942	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.546		1581264	37.0125	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.329		1377055	43.4446	ug/L	97
3) Chloromethane	1.500		1332008	39.8073	ug/L	99
4) Vinyl Chloride	1.603		1339748	40.3982	ug/L	98
5) Bromomethane	1.904		874710	40.4176	ug/L	99
6) Chloroethane	1.985		723410	40.7823	ug/L	96
7) Trichlorofluoromethane	2.275		1162453	33.3029	ug/L	99
9) 1,1-Dichloroethylene	2.796		1658709	40.9099	ug/L	99
10) Acetone	2.913		80581	74.3414	ug/L	95
11) Iodomethane	2.955		3904924	79.6896	ug/L	100
12) Carbon Disulfide	3.033		6473883	78.7398	ug/L	100
13) Dichloromethane	3.424		1295033	40.0990	ug/L	99
15) trans 1,2-Dichloroethylene	3.839		1618428	40.1659	ug/L	98
16) MTBE	3.973		2203752	40.7022	ug/L	98
17) 1,1-Dichloroethane	4.486		1950310	40.2925	ug/L	99
18) 2,2-Dichloropropane	5.309		1854444	39.5811	ug/L	99
19) cis 1,2-Dichloroethylene	5.306		1246586	40.5479	ug/L	99
20) 2-Butanone (MEK)	5.426		116329	77.7417	ug/L	88
21) Bromochloromethane	5.599		863193	40.7320	ug/L	98
22) Chloroform	5.733		2054182	40.2785	ug/L	100
24) 1,1,1-Trichloroethane	5.942		2063829	41.2140	ug/L	98
25) 1,1-Dichloropropylene	6.143		1620446	40.1842	ug/L	99
26) Carbon Tetrachloride	6.143		1928117	40.8439	ug/L	100
28) Benzene	6.374		4600771	40.4087	ug/L	100
29) 1,2-Dichloroethane	6.394		1372317	40.6797	ug/L	99
30) Trichloroethylene	7.119		1384207	40.4270	ug/L	99
31) 1,2-Dichloropropane	7.345		1172407	40.2333	ug/L	99
32) Dibromomethane	7.459		667896	40.2881	ug/L	98
33) Methyl Methacrylate	7.551		1307759	80.2823	ug/L	99
34) Bromodichloromethane	7.646		1505070	40.8257	ug/L	99
36) cis 1,3-Dichloropropylene	8.123		1801376	40.7449	ug/L	99
37) 4-Methyl-2-pentanone (MIBK)	8.337		1204687	80.4342	ug/L	99

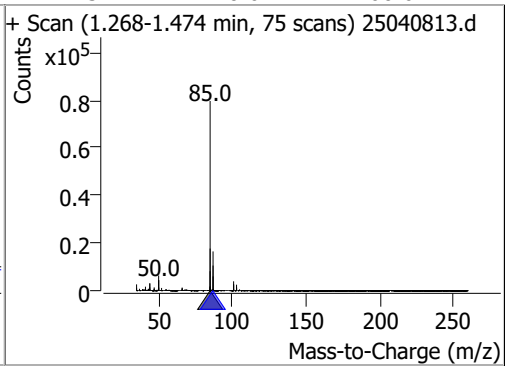
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.466		5269758	39.8021	ug/L		100
40) trans 1,3-Dichloropropylene	8.692		1533083	39.9116	ug/L		97
41) 1,1,2-trichloroethane	8.870		772791	39.7422	ug/L		99
42) Tetrachloroethylene	9.023		1555189	39.4016	ug/L		99
43) 1,3-Dichloropropane	9.035		1301541	39.7664	ug/L		100
44) 2-Hexanone	9.177		813814	78.3888	ug/L		99
45) Dibromochloromethane	9.255		1053974	40.1619	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361		760283	40.0326	ug/L		99
47) Chlorobenzene	9.871		3311507	39.8381	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.958		1275993	40.6198	ug/L		100
49) Ethylbenzene	9.997		5925752	39.9275	ug/L		99
50) m,p-Xylenes	10.117		4751963	39.9797	ug/L		99
51) o-Xylene	10.507		4752514	39.9765	ug/L		100
52) Styrene	10.518		3651548	40.1430	ug/L		99
53) Bromoform	10.677		654704	39.4332	ug/L		100
54) Isopropylbenzene	10.881		5991368	39.8914	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.160		836111	36.8864	ug/L		99
57) Bromobenzene	11.162		1483532	36.8575	ug/L		91
59) 1,2,3-Trichloropropane	11.196		235201	35.2018	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221		407602	73.8839	ug/L		98
61) n-Propylbenzene	11.291		1691861	37.4899	ug/L		99
62) 2-Chlorotoluene	11.363		4022509	37.2418	ug/L		99
63) 1,3,5-Trimethylbenzene	11.472		5174877	37.4646	ug/L		100
64) 4-Chlorotoluene	11.472		1455936	36.7068	ug/L		99
65) tert-Butylbenzene	11.795		1026107	37.1169	ug/L		98
66) 1,2,4-Trimethylbenzene	11.840		5278787	37.6330	ug/L		100
67) sec-Butylbenzene	12.016		6521625	38.2471	ug/L		99
68) 1,3-Dichlorobenzene	12.108		2891440	37.2997	ug/L		98
69) p-Isopropyltoluene	12.163		5755246	38.1683	ug/L		99
70) 1,4-Dichlorobenzene	12.197		2833359	36.4229	ug/L		100
73) 1,2-Dichlorobenzene	12.565		2604527	36.7891	ug/L		99
71) n-Butylbenzene	12.571		5078000	38.0852	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		189323	35.2625	ug/L		98
75) 1,2,4-Trichlorobenzene	14.180		2113420	37.3290	ug/L		100
76) Hexachlorobutadiene	14.372		1066493	37.4485	ug/L		100
77) Naphthalene	14.417		3320250	37.3455	ug/L		100
78) 1,2,3-Trichlorobenzene	14.665		1833012	37.7499	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

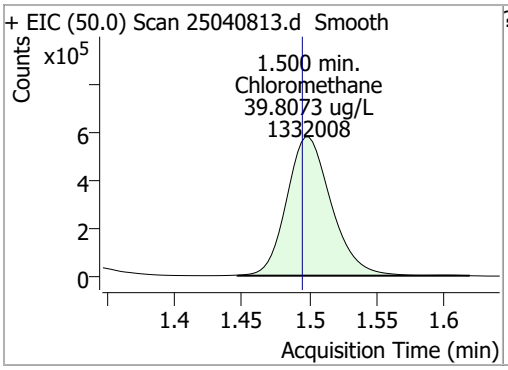
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	43.4446	1.33	0.00	1377055	87.0	32.4	0.6	60.6

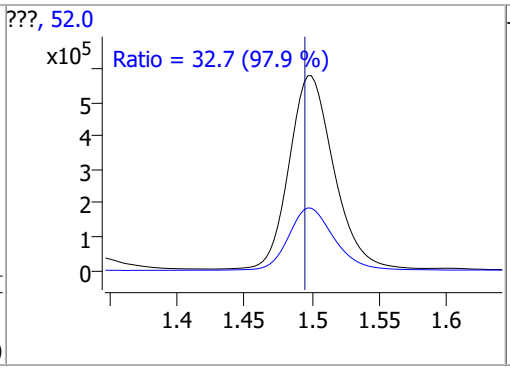


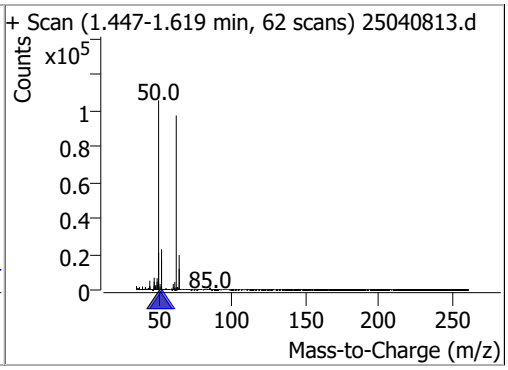




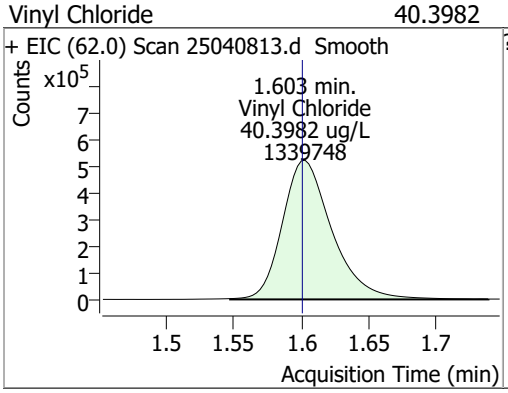
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	39.8073	1.50	0.01	1332008	52.0	32.7	3.4	63.4

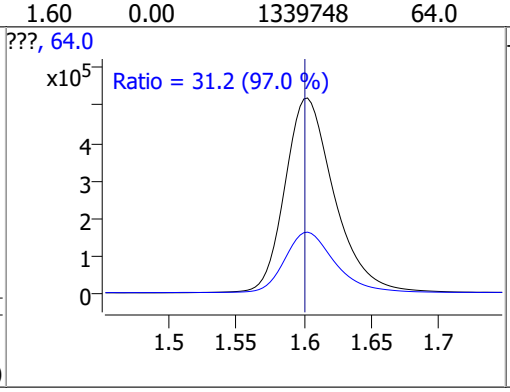


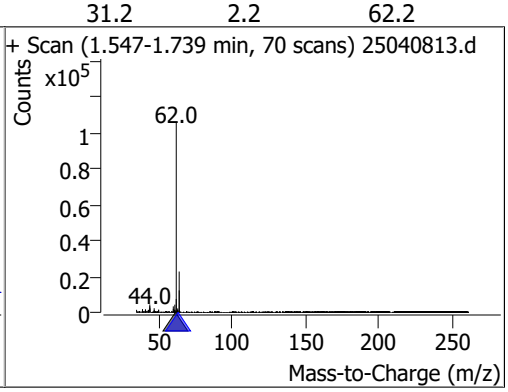




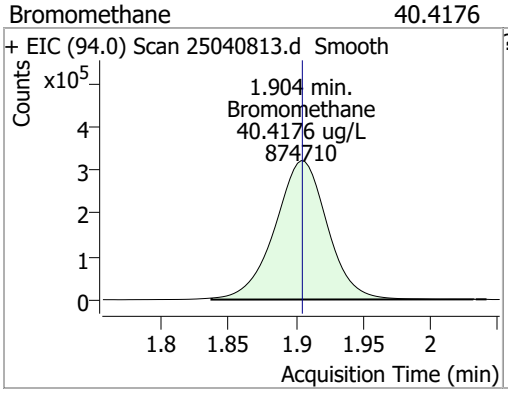
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	40.3982	1.60	0.00	1339748	64.0	31.2	2.2	62.2

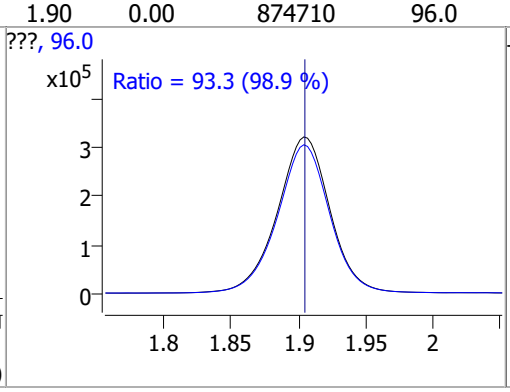


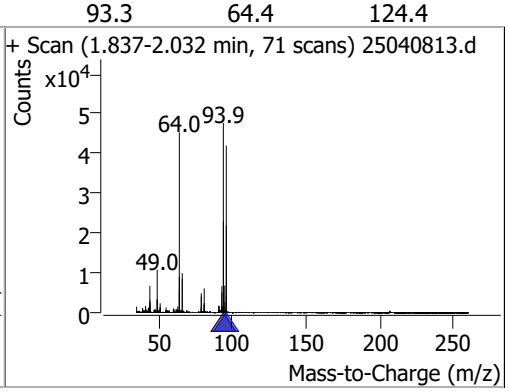




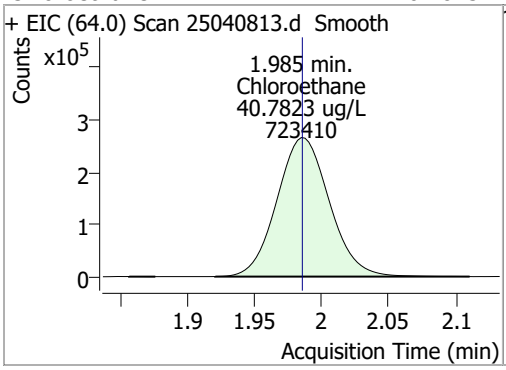
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	40.4176	1.90	0.00	874710	96.0	93.3	64.4	124.4

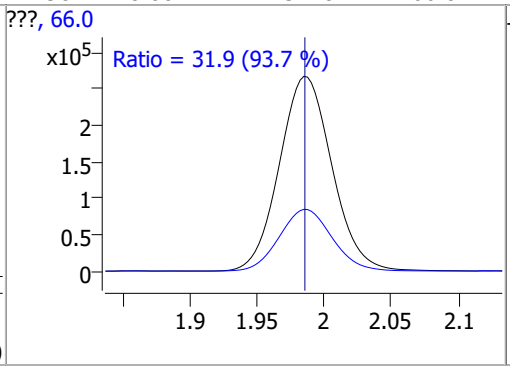


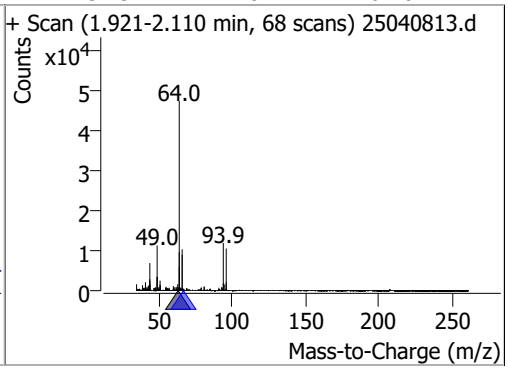




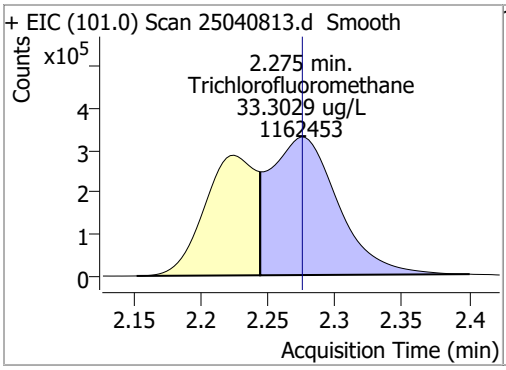
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	40.7823	1.98	0.00	723410	66.0	31.9	4.0	64.0

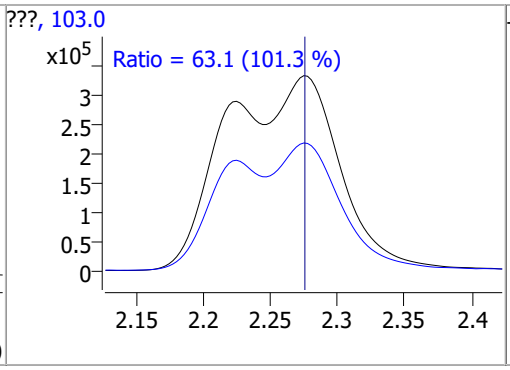


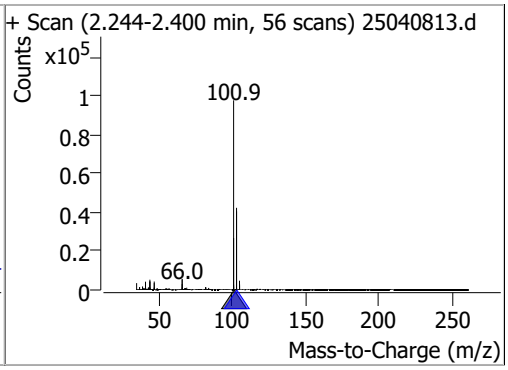




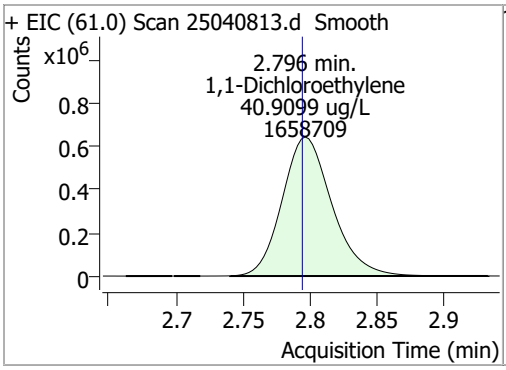
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	33.3029	2.27	0.00	1162453	103.0	63.1	32.3	92.3

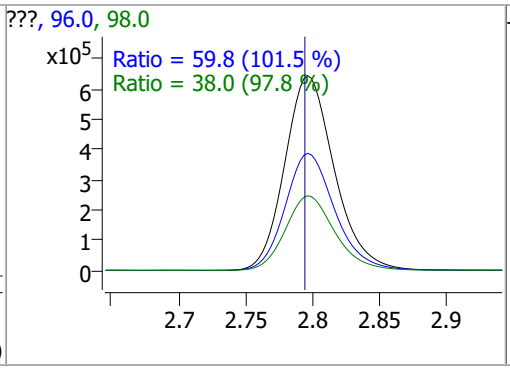


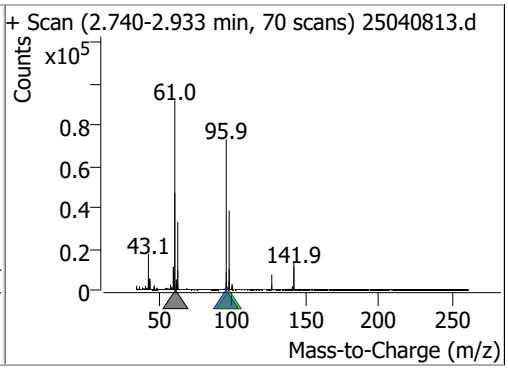




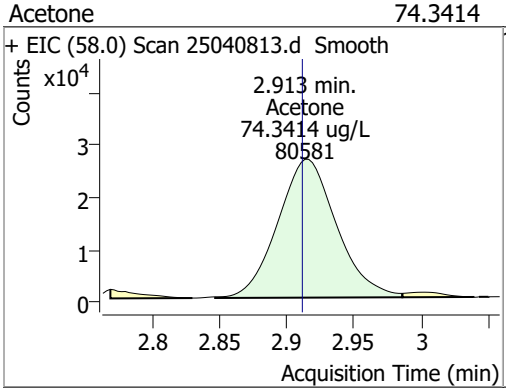
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	40.9099	2.80	0.00	1658709	96.0	59.8	28.9	88.9
					98.0	38.0	8.9	68.9

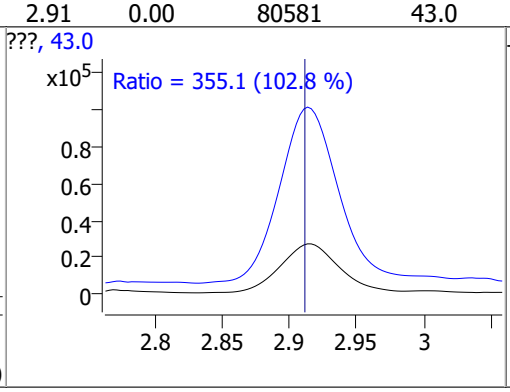


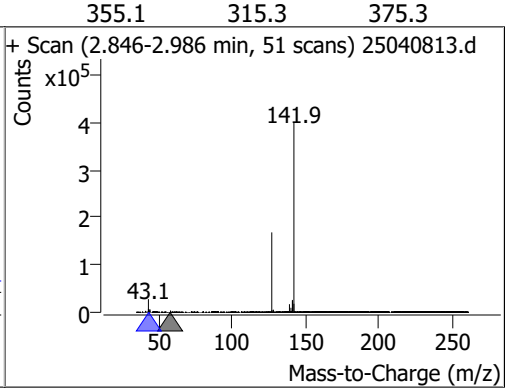




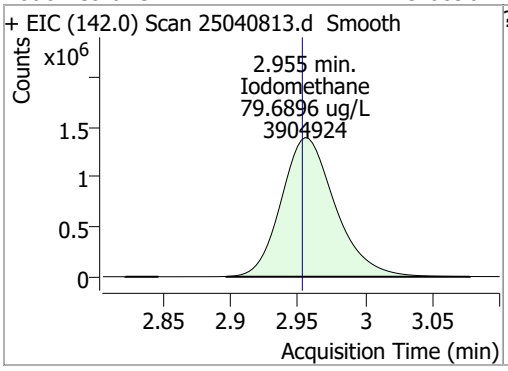
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	74.3414	2.91	0.00	80581	43.0	355.1	315.3	375.3

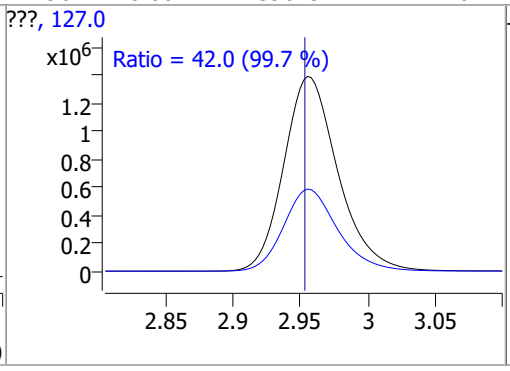


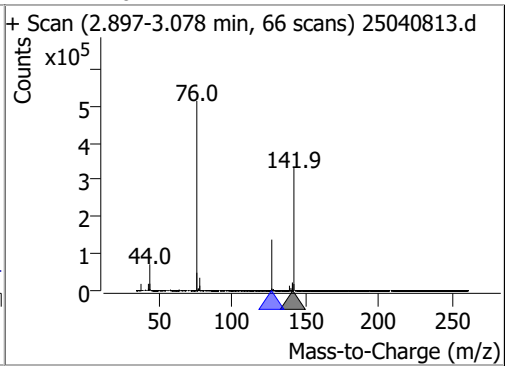




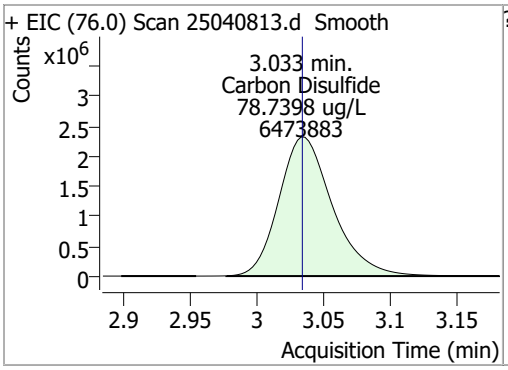
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	79.6896	2.96	0.00	3904924	127.0	42.0	12.1	72.1

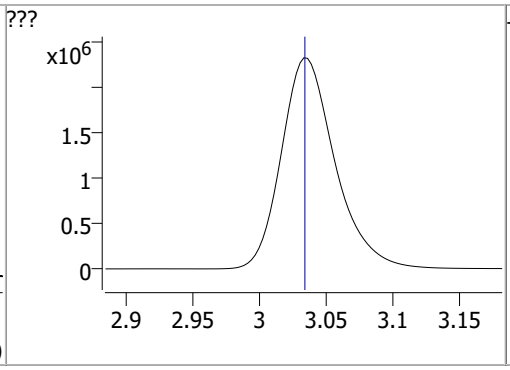


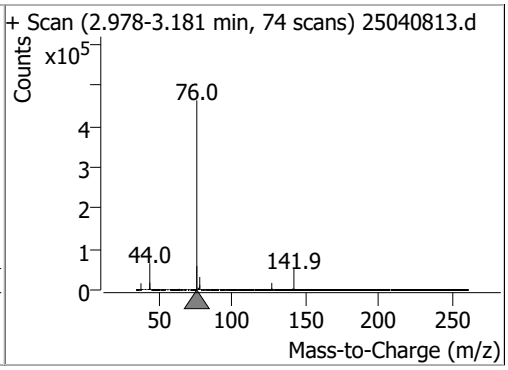




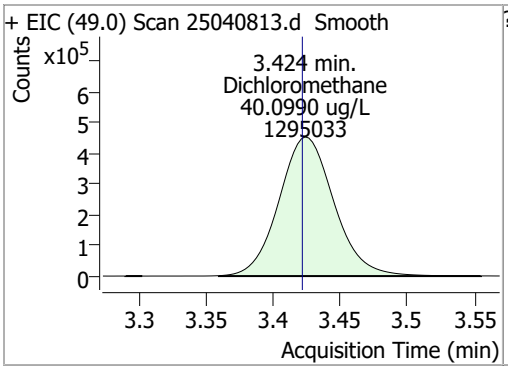
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	78.7398	3.03	0.00	6473883				

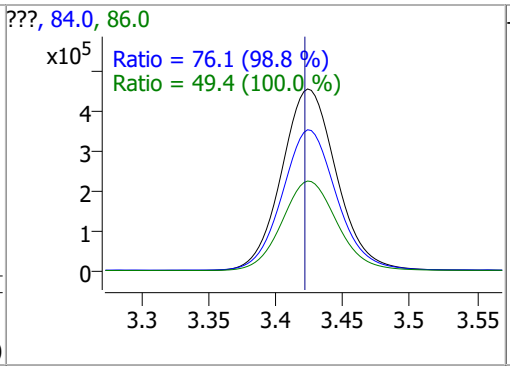


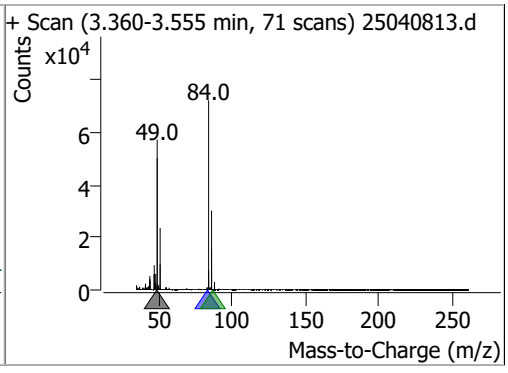




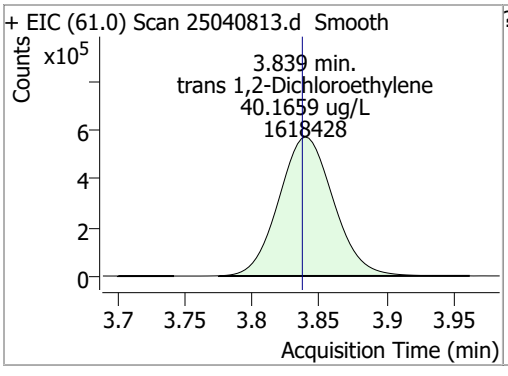
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	40.0990	3.42	0.00	1295033	84.0	76.1	47.1	107.1
					86.0	49.4	19.4	79.4

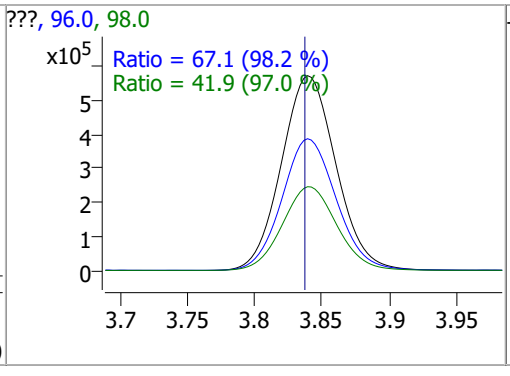


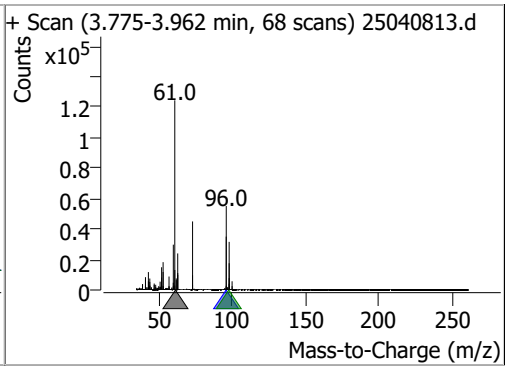




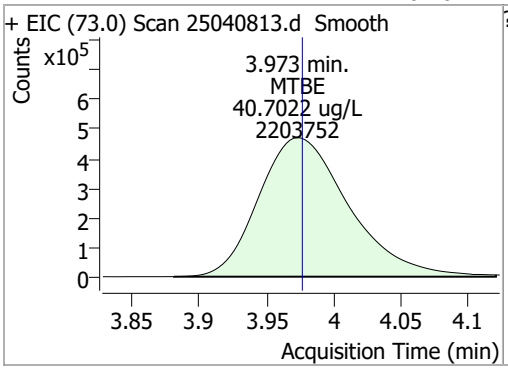
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	40.1659	3.84	0.00	1618428	96.0	67.1	38.4	98.4
					98.0	41.9	13.2	73.2

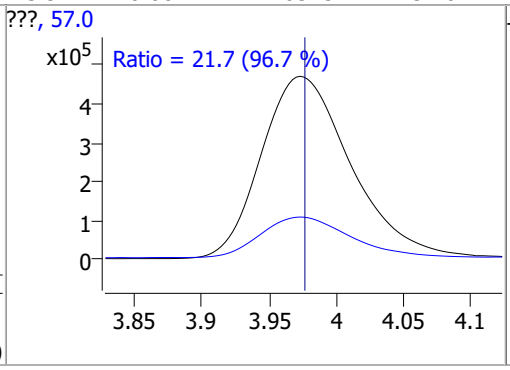


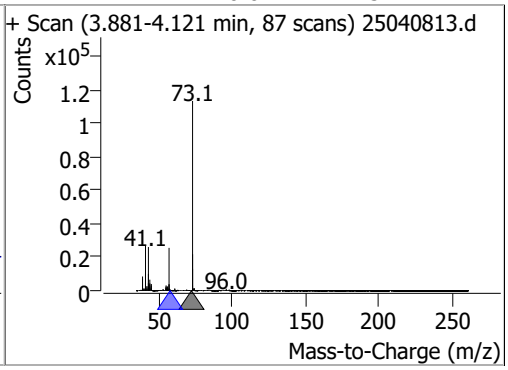




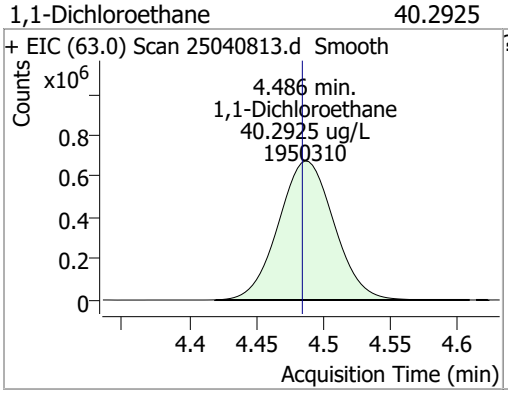
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	40.7022	3.97	0.00	2203752	57.0	21.7	0.0	52.4

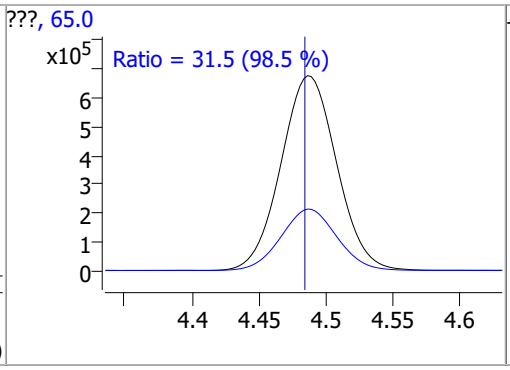


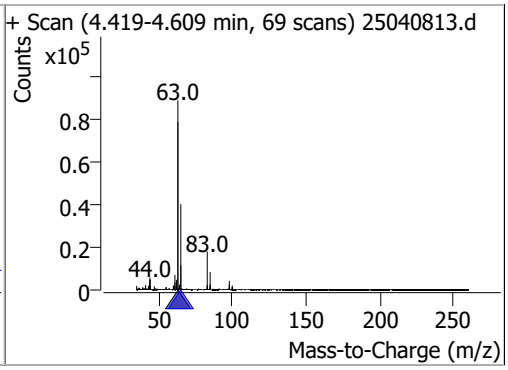




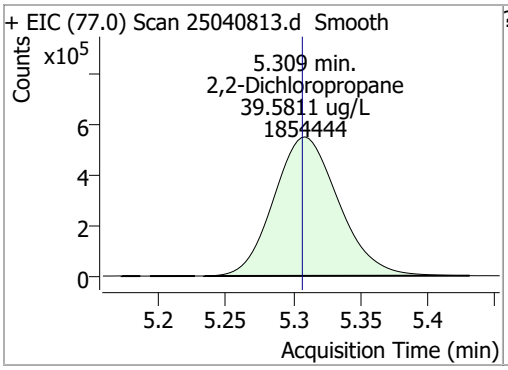
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	40.2925	4.49	0.00	1950310	65.0	31.5	2.0	62.0

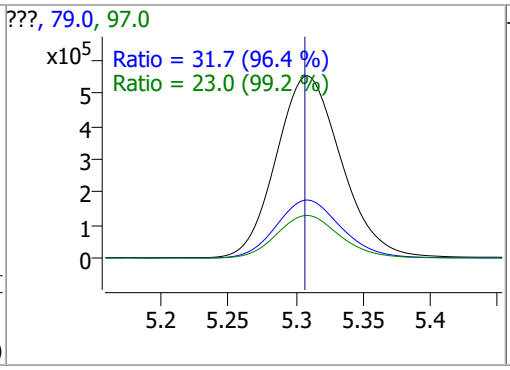


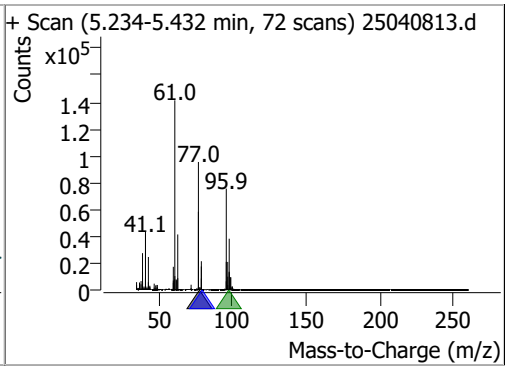




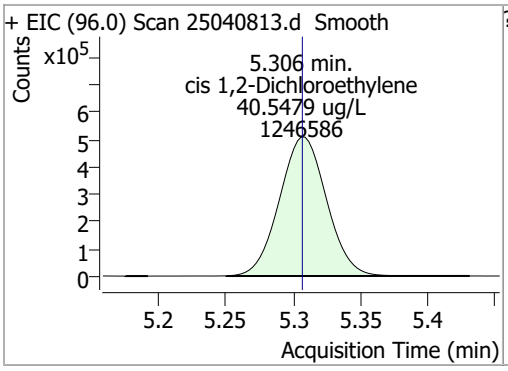
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	39.5811	5.31	0.00	1854444	79.0	31.7	2.9	62.9
					97.0	23.0	0.0	53.1

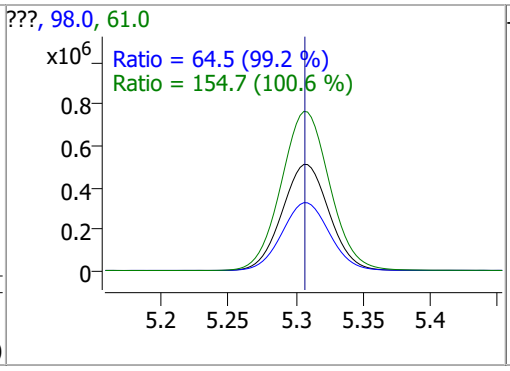


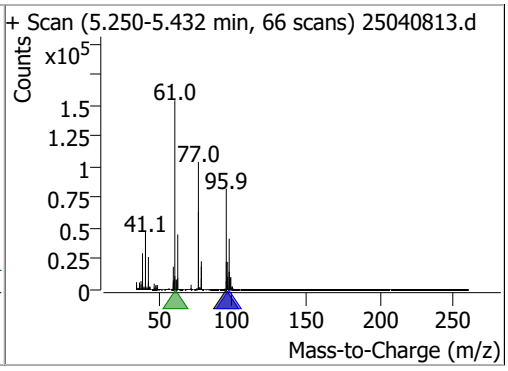




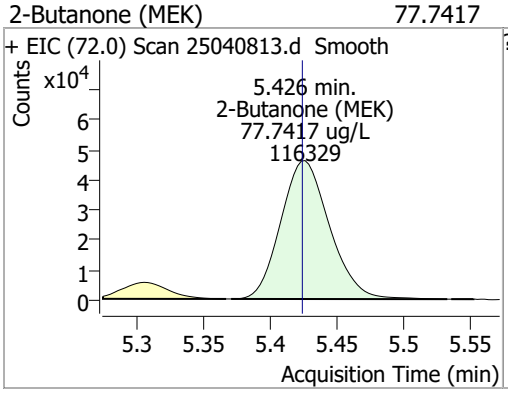
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	40.5479	5.31	0.00	1246586	61.0	154.7	123.8	183.8
					98.0	64.5	35.0	95.0

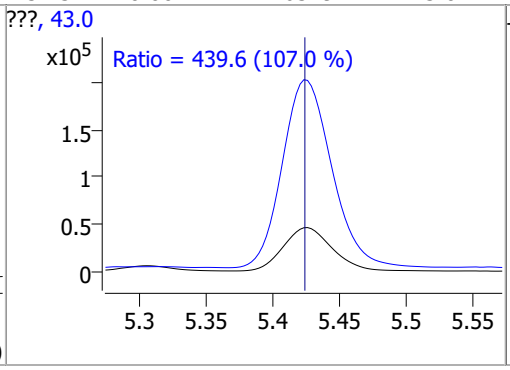


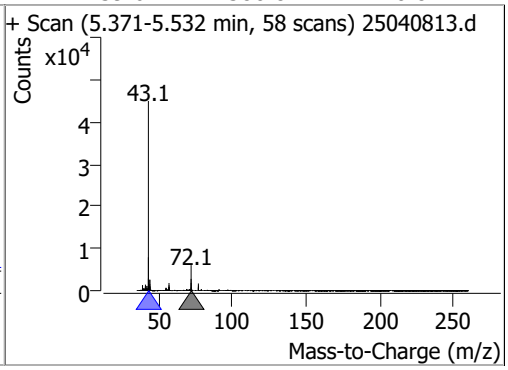




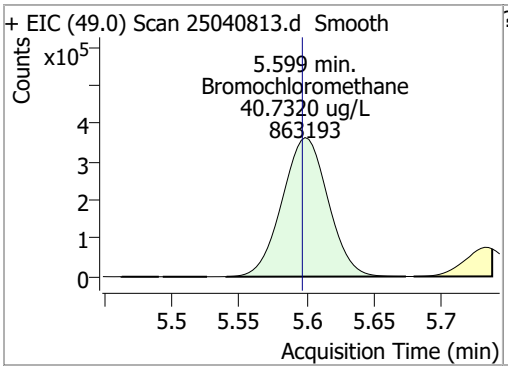
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	77.7417	5.43	0.00	116329	43.0	439.6	380.8	440.8

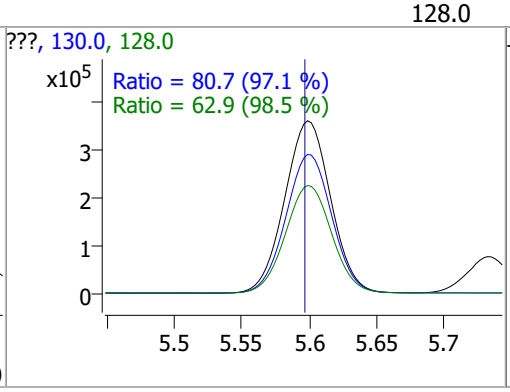


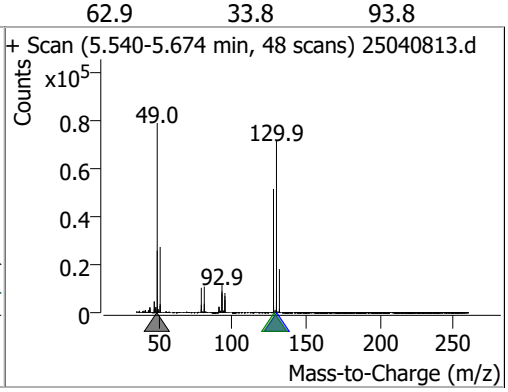




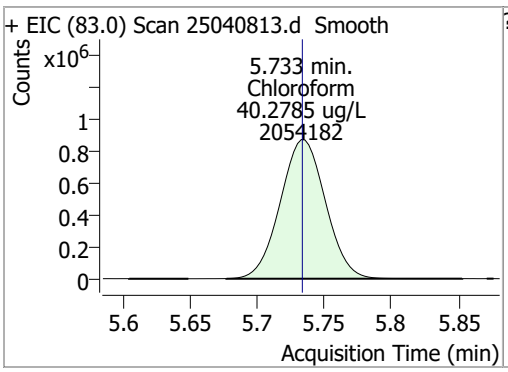
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	40.7320	5.60	0.00	863193	130.0	80.7	53.1	113.1
					128.0	62.9	33.8	93.8

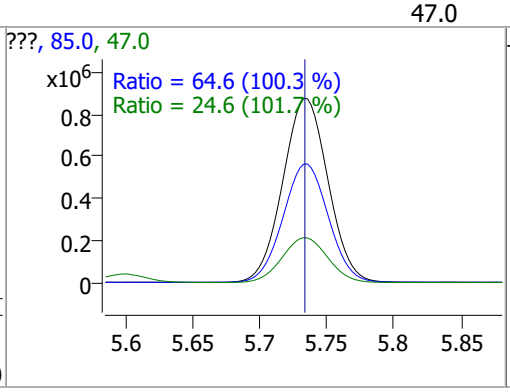


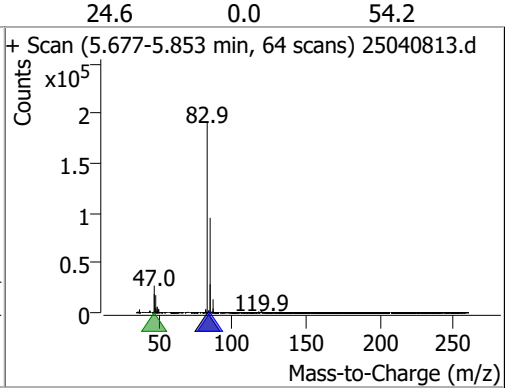




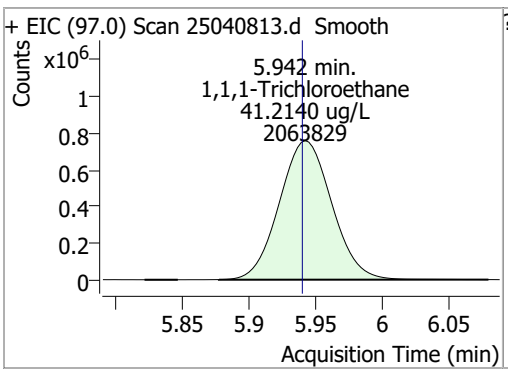
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	40.2785	5.73	0.00	2054182	85.0	64.6	34.4	94.4
					47.0	24.6	0.0	54.2

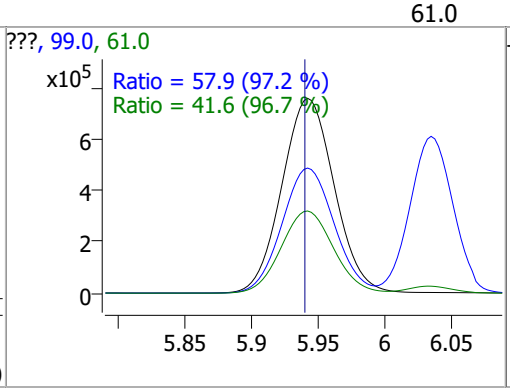


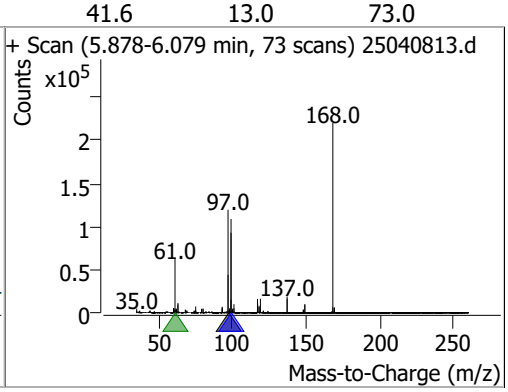




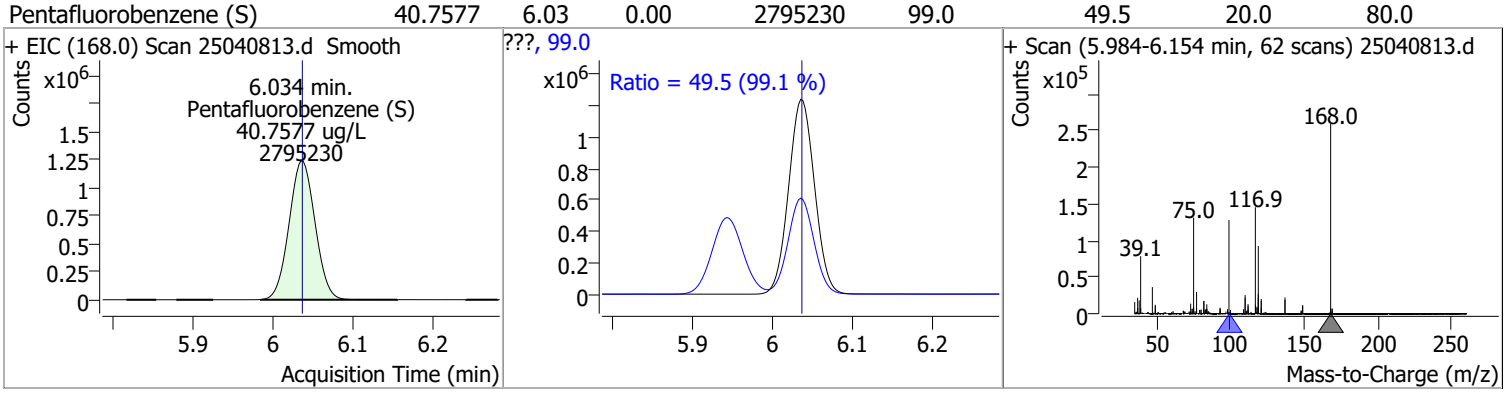
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	41.2140	5.94	0.00	2063829	99.0	57.9	29.6	89.6
					61.0	41.6	13.0	73.0



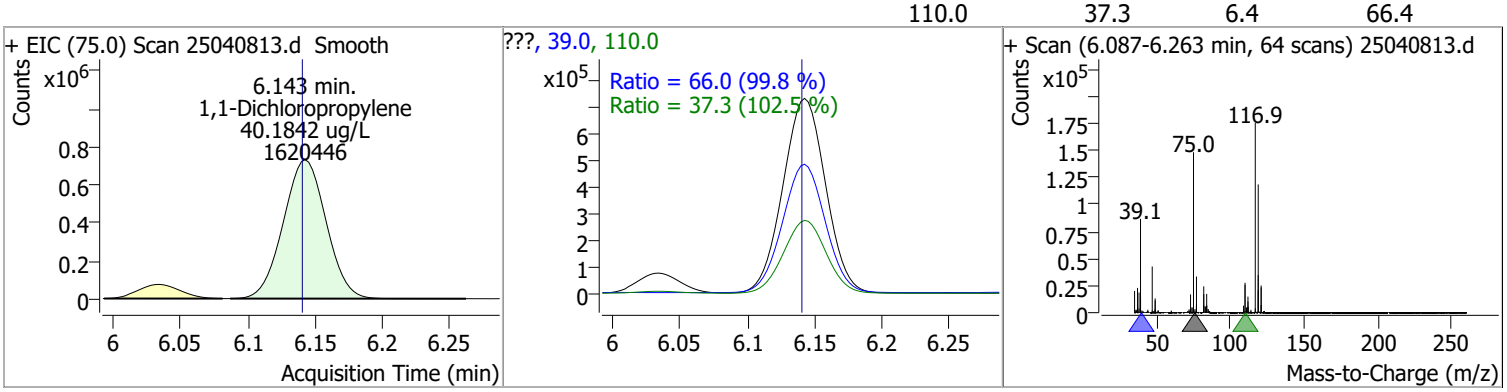




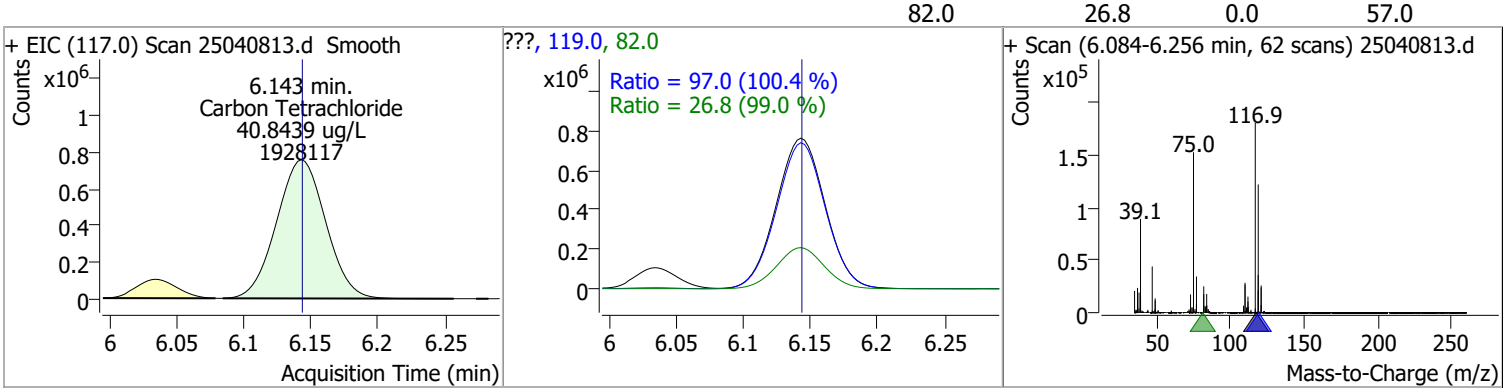
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	40.7577	6.03	0.00	2795230	99.0	49.5	20.0	80.0



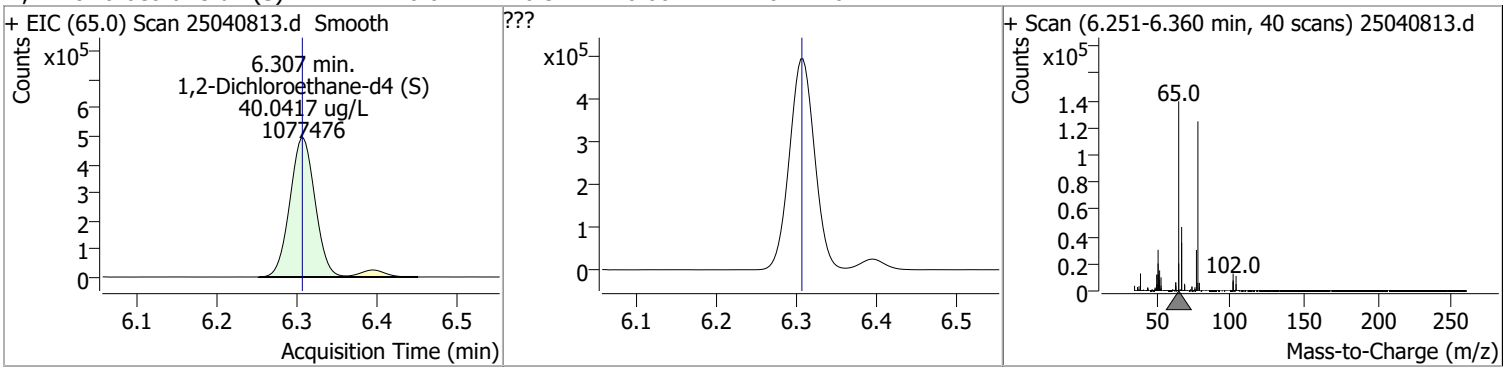
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	40.1842	6.14	0.00	1620446	39.0	66.0	36.1	96.1
					110.0	37.3	6.4	66.4



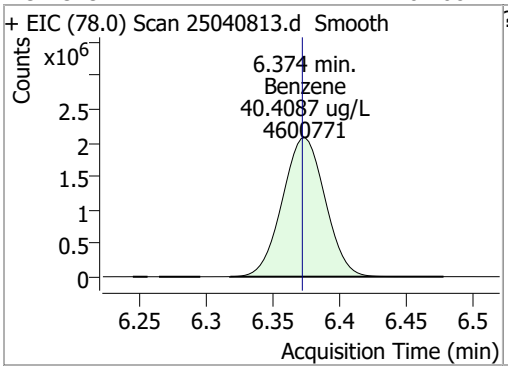
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	40.8439	6.14	0.00	1928117	119.0	97.0	66.7	126.7
					82.0	26.8	0.0	57.0

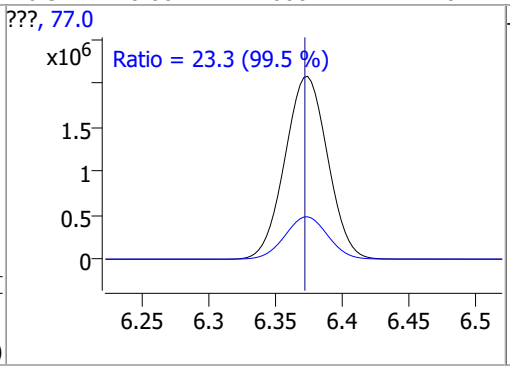


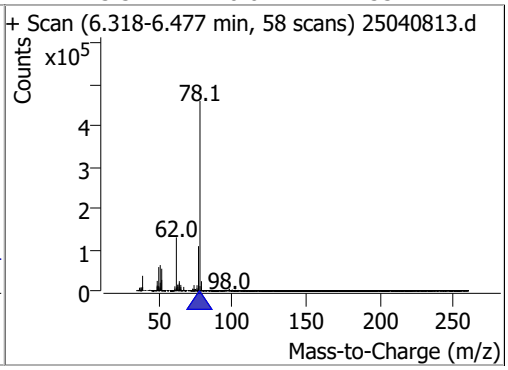
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	40.0417	6.31	0.00	1077476				



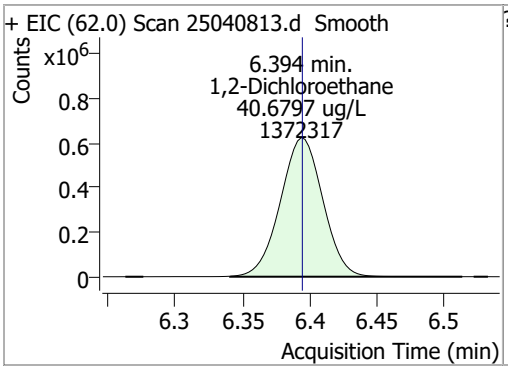
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	40.4087	6.37	0.00	4600771	77.0	23.3	0.0	53.4

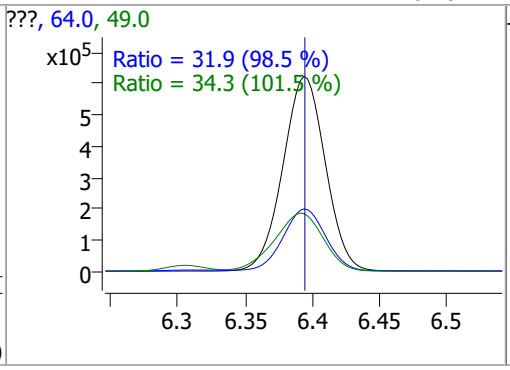


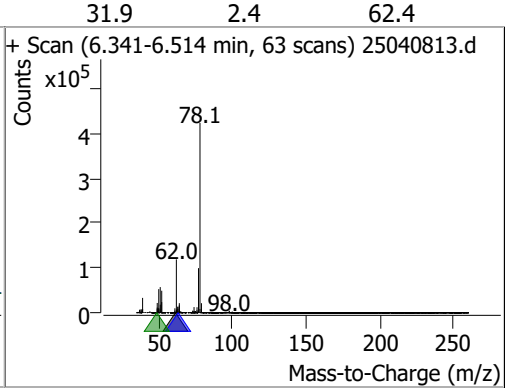




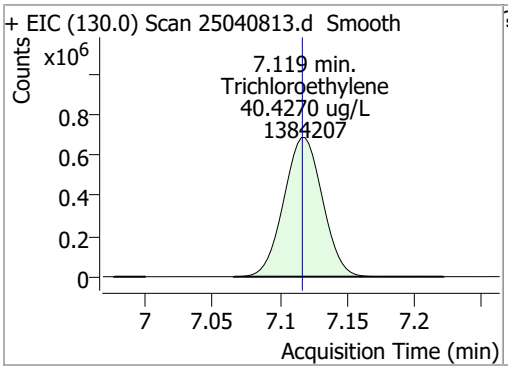
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	40.6797	6.39	0.00	1372317	49.0	34.3	3.8	63.8
					64.0	31.9	2.4	62.4

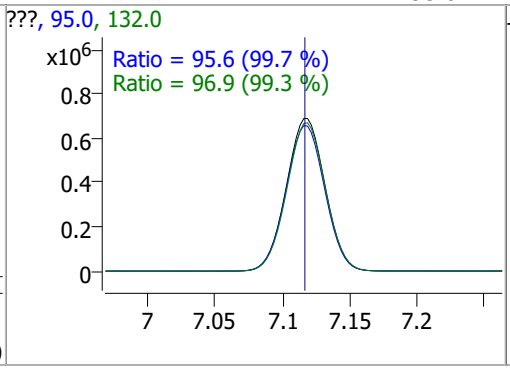


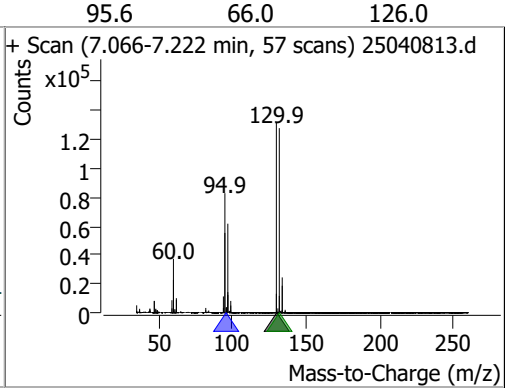




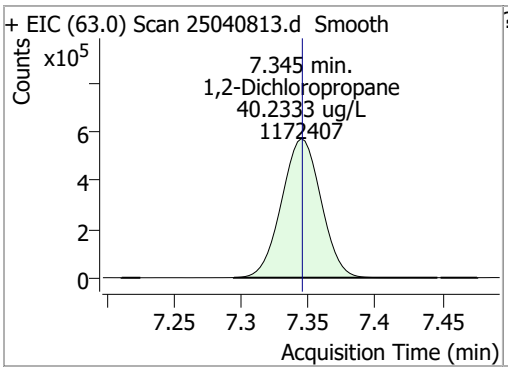
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	40.4270	7.12	0.00	1384207	132.0	96.9	67.6	127.6
					95.0	95.6	66.0	126.0

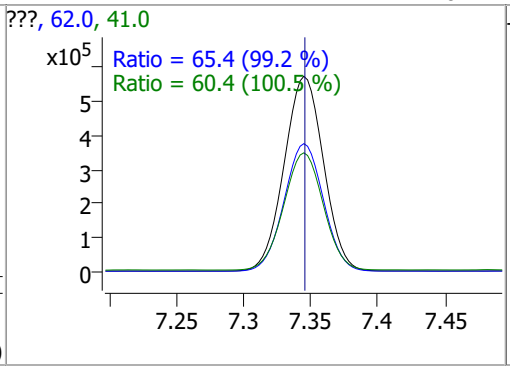


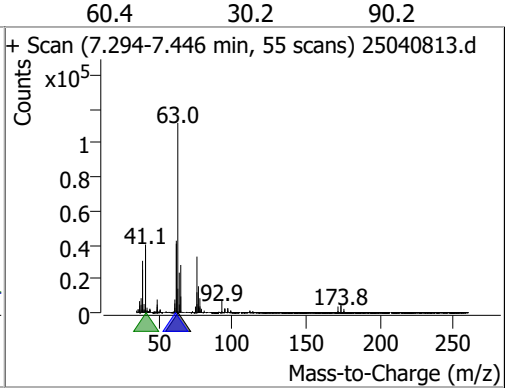




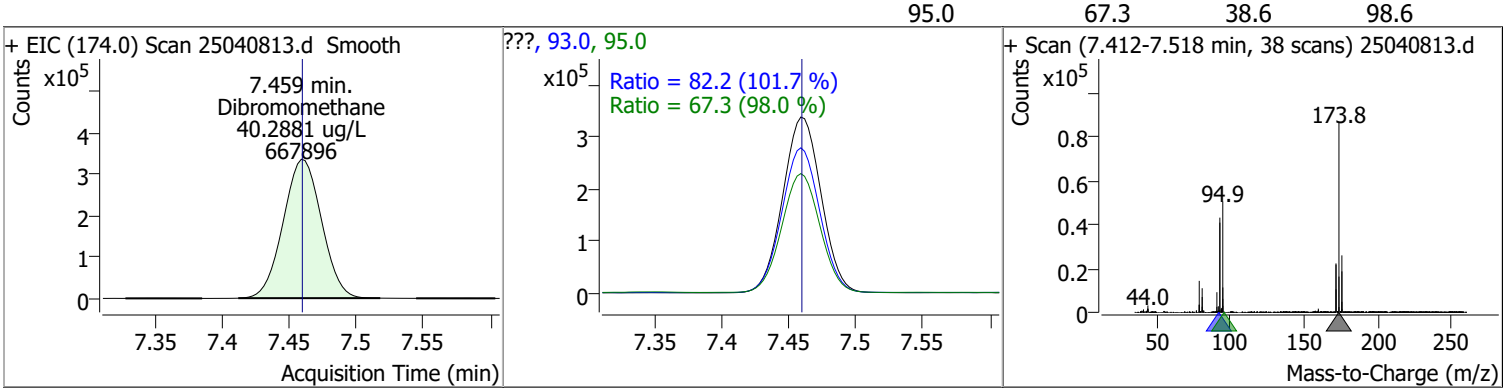
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	40.2333	7.34	0.00	1172407	62.0	65.4	36.0	96.0
					41.0	60.4	30.2	90.2



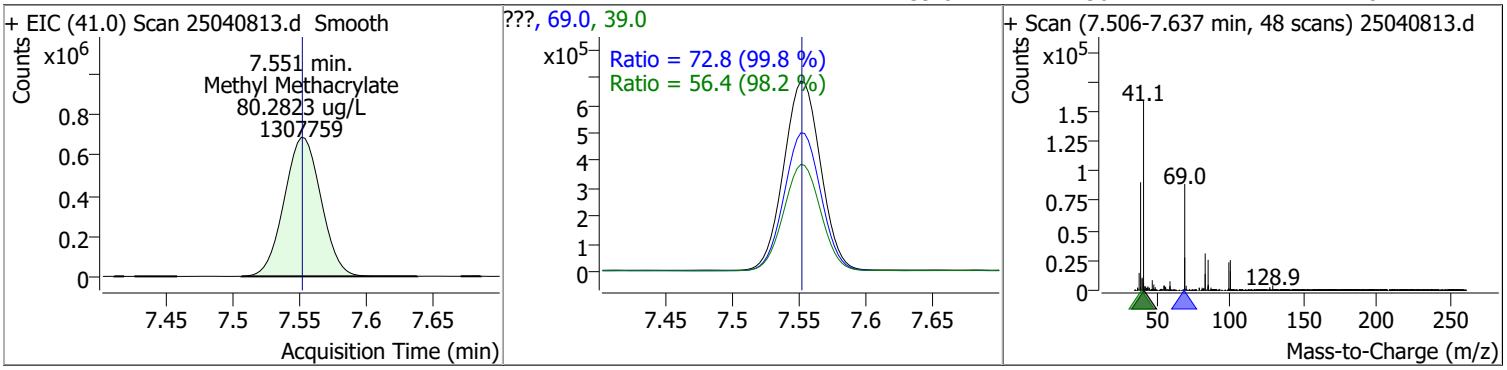




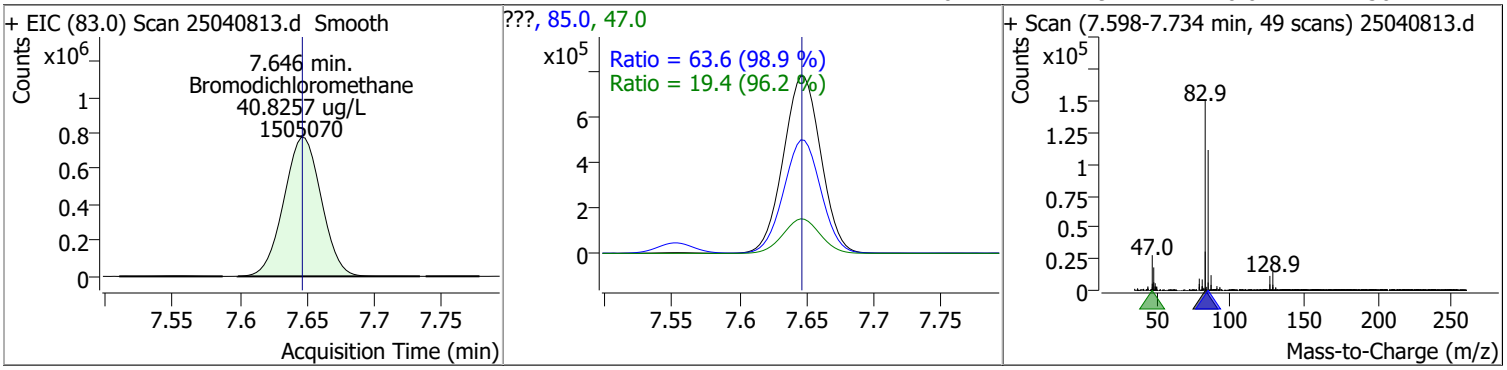
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	40.2881	7.46	0.00	667896	93.0	82.2	50.9	110.9
					95.0	67.3	38.6	98.6



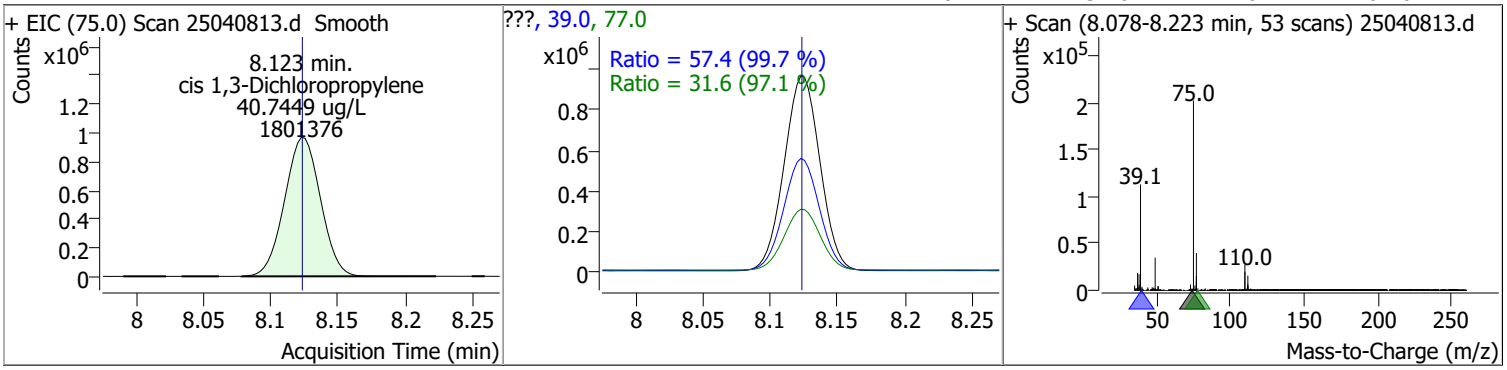
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	80.2823	7.55	0.00	1307759	69.0	72.8	42.9	102.9
					39.0	56.4	27.4	87.4



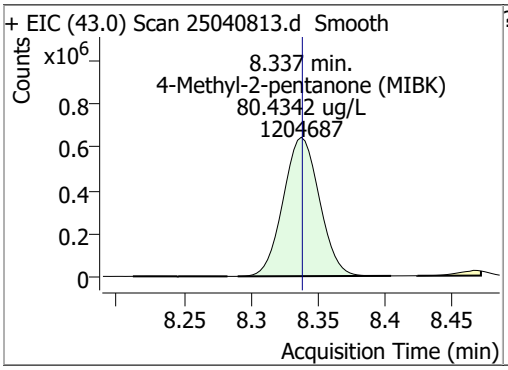
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	40.8257	7.65	0.00	1505070	85.0	63.6	34.4	94.4
					47.0	19.4	0.0	50.2

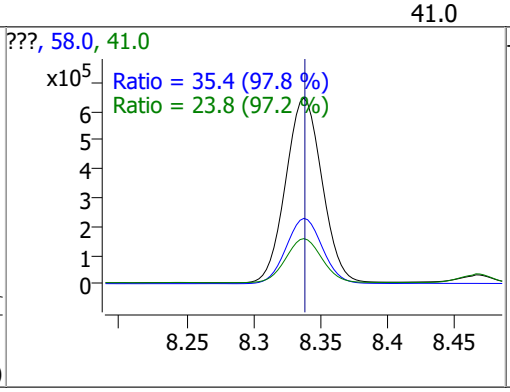


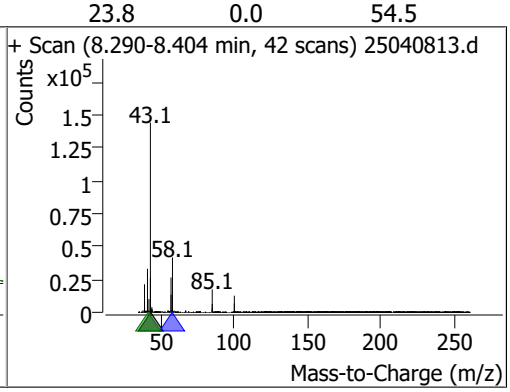
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	40.7449	8.12	0.00	1801376	39.0	57.4	27.6	87.6
					77.0	31.6	2.6	62.6



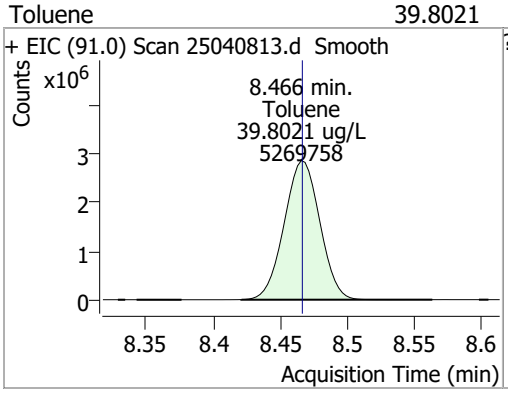
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	80.4342	8.34	0.00	1204687	58.0	35.4	6.2	66.2
					41.0	23.8	0.0	54.5

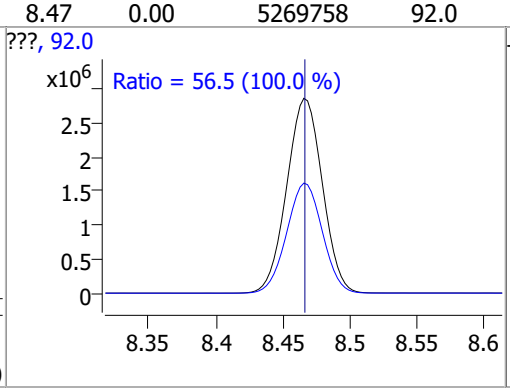


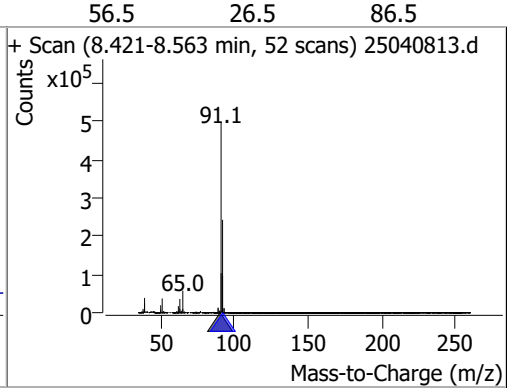




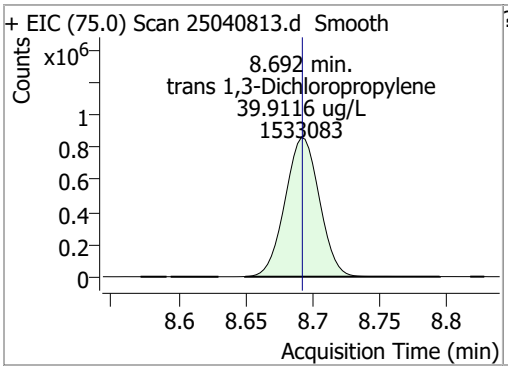
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	39.8021	8.47	0.00	5269758	92.0	56.5	26.5	86.5

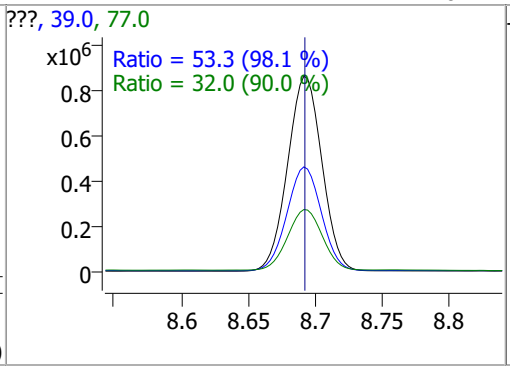


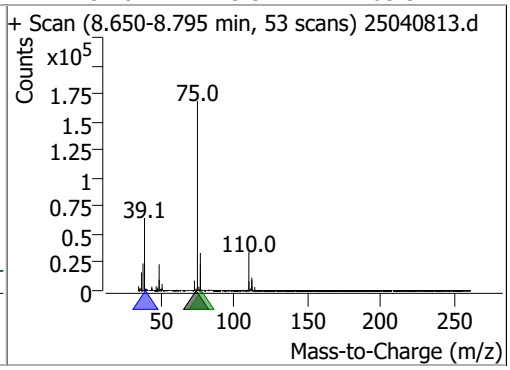




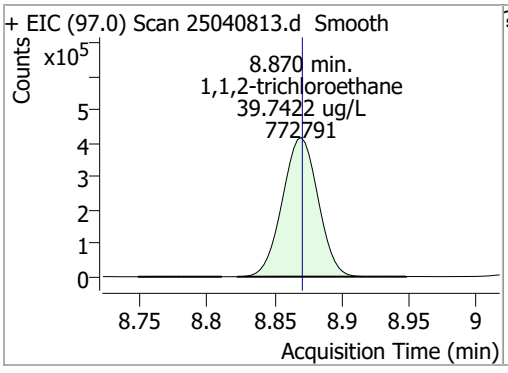
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	39.9116	8.69	0.00	1533083	39.0	53.3	24.3	84.3
					77.0	32.0	5.5	65.5

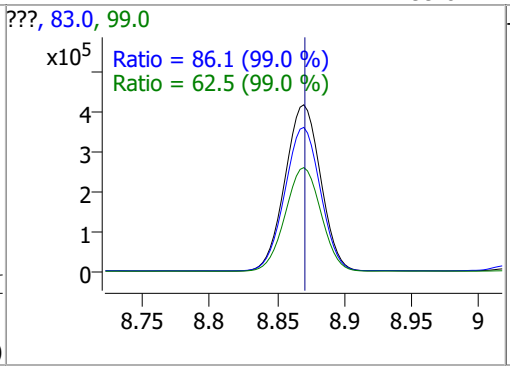


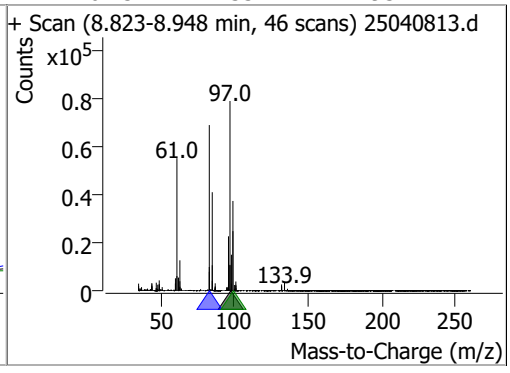




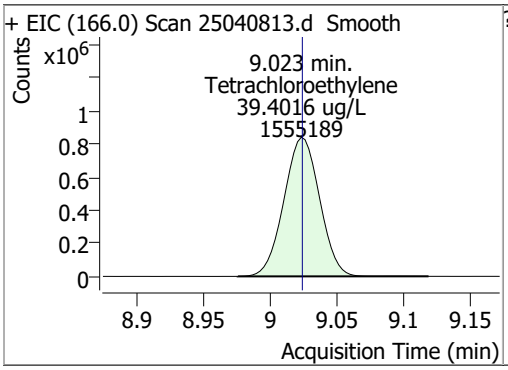
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	39.7422	8.87	0.00	772791	83.0	86.1	57.0	117.0
					99.0	62.5	33.1	93.1

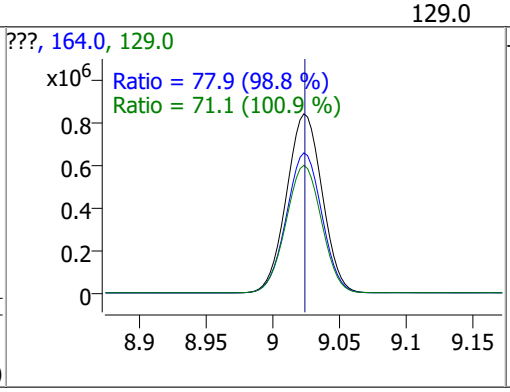


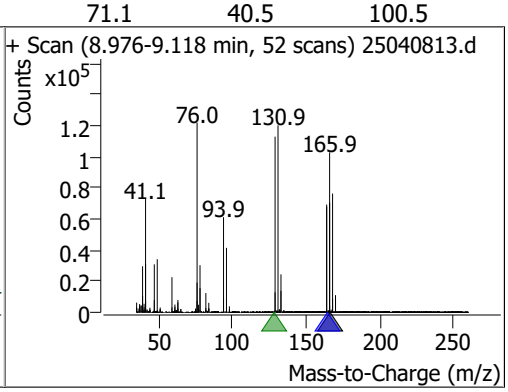




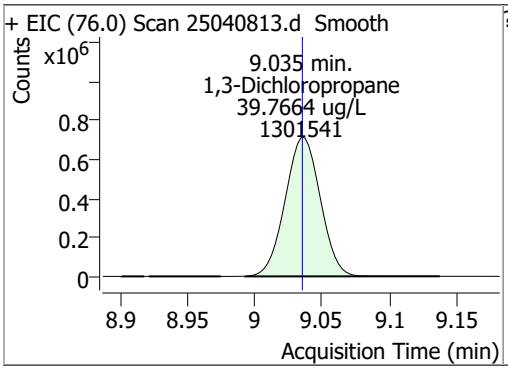
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	39.4016	9.02	0.00	1555189	164.0	77.9	48.9	108.9
					129.0	71.1	40.5	100.5

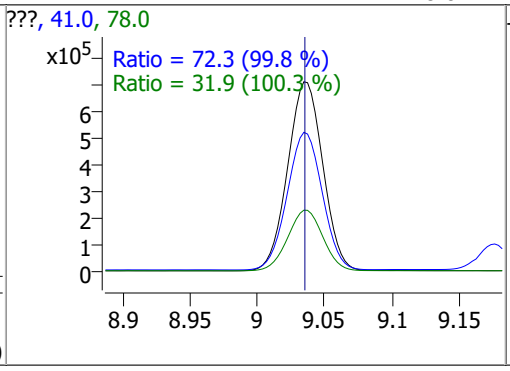


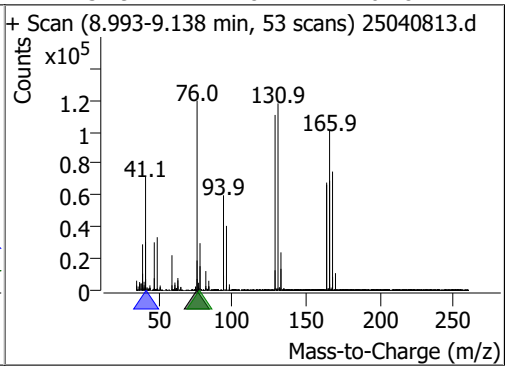




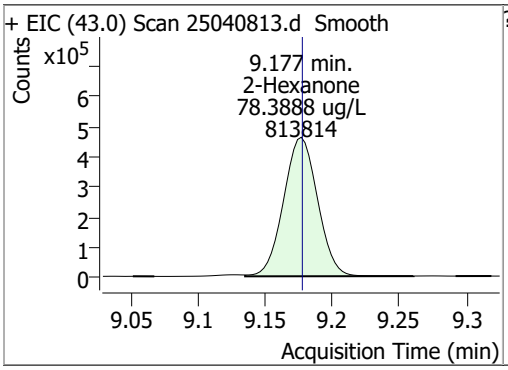
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	39.7664	9.03	0.00	1301541	41.0	72.3	42.5	102.5
					78.0	31.9	1.8	61.8

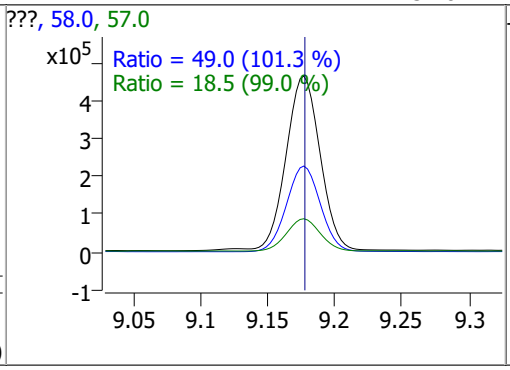


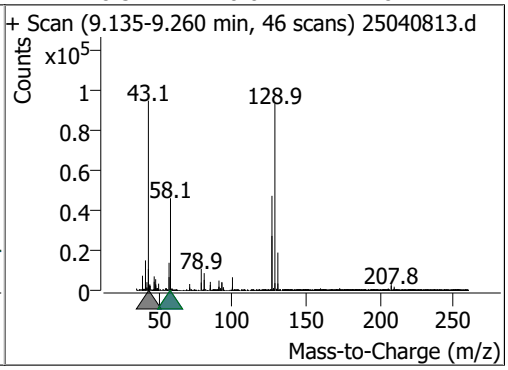




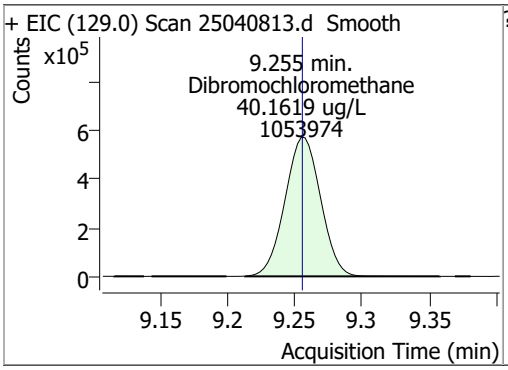
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	78.3888	9.18	0.00	813814	58.0	49.0	18.4	78.4
					57.0	18.5	0.0	48.7

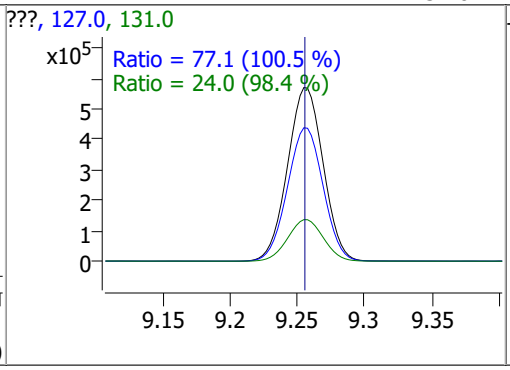


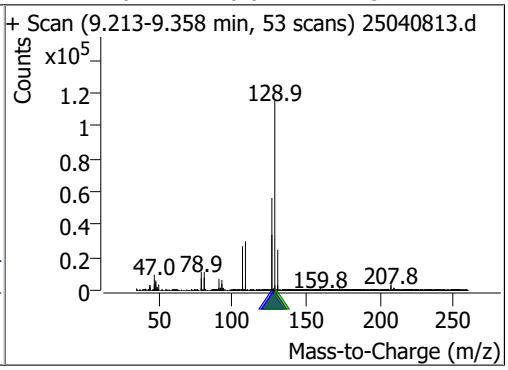




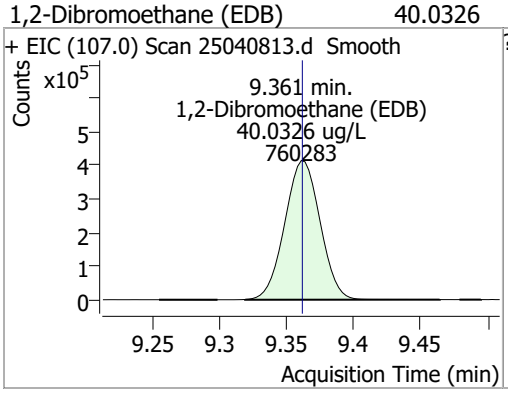
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	40.1619	9.25	0.00	1053974	127.0	77.1	46.7	106.7
					131.0	24.0	0.0	54.4

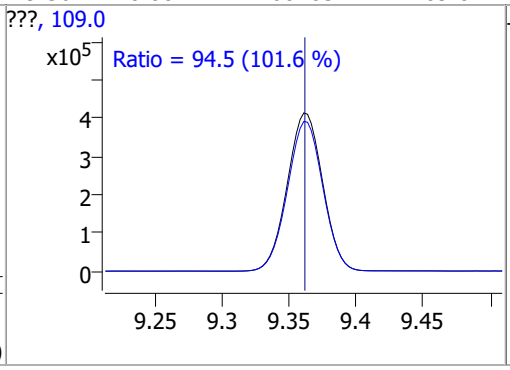


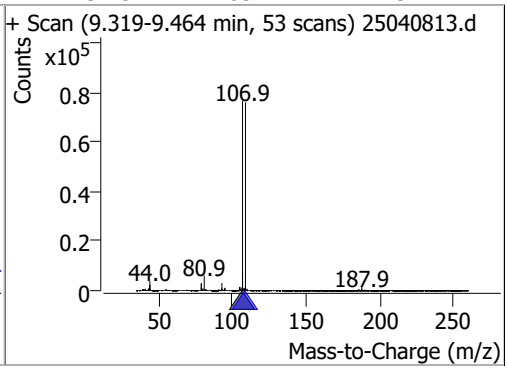




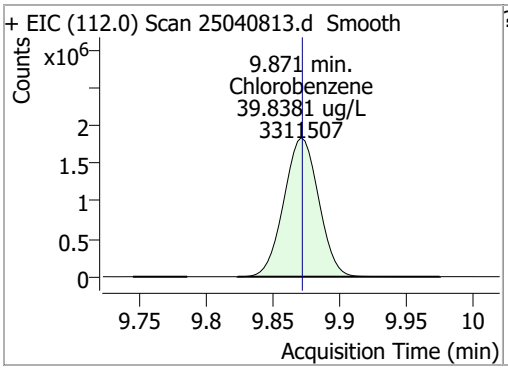
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	40.0326	9.36	0.00	760283	109.0	94.5	63.1	123.1

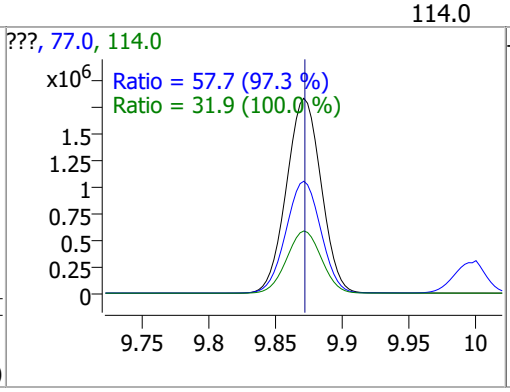


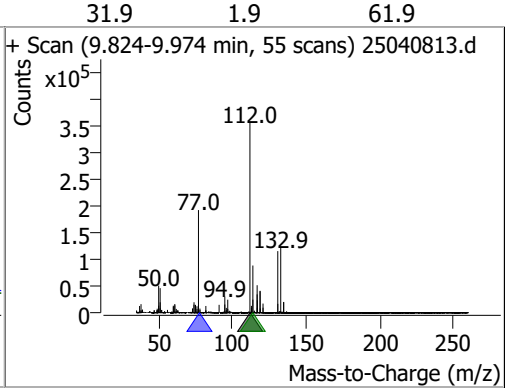




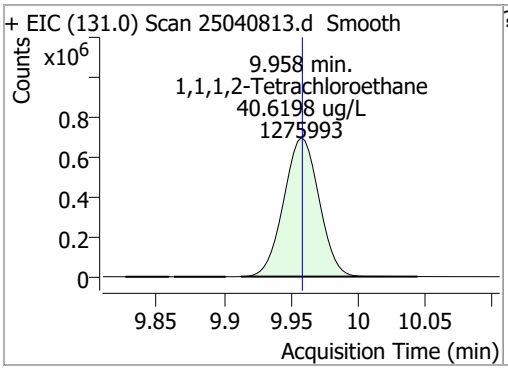
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	39.8381	9.87	0.00	3311507	77.0	57.7	29.3	89.3
					114.0	31.9	1.9	61.9

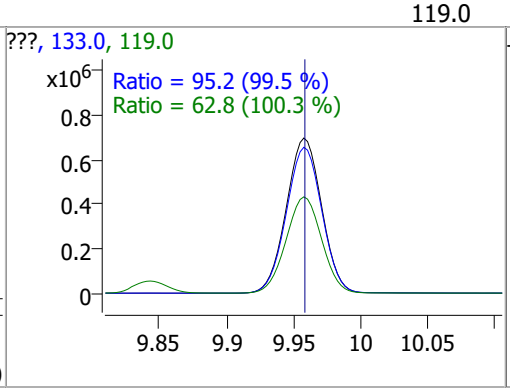


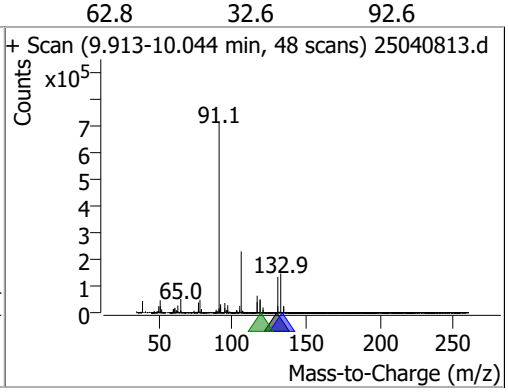




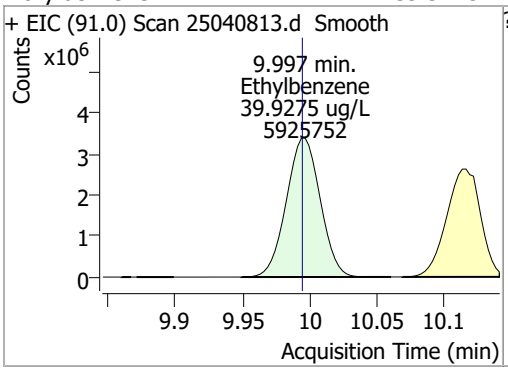
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	40.6198	9.96	0.00	1275993	133.0	95.2	65.7	125.7
					119.0	62.8	32.6	92.6

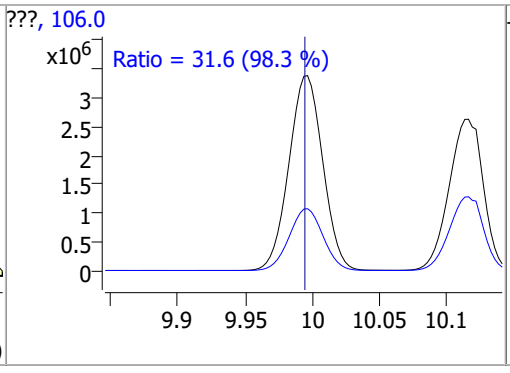


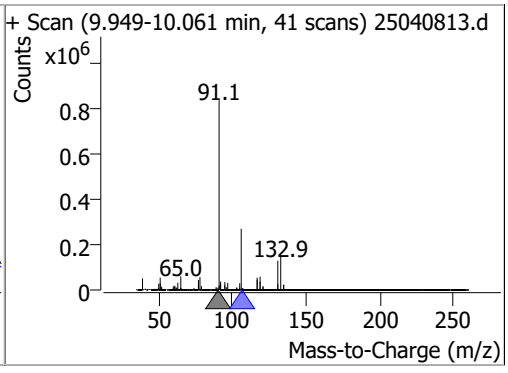




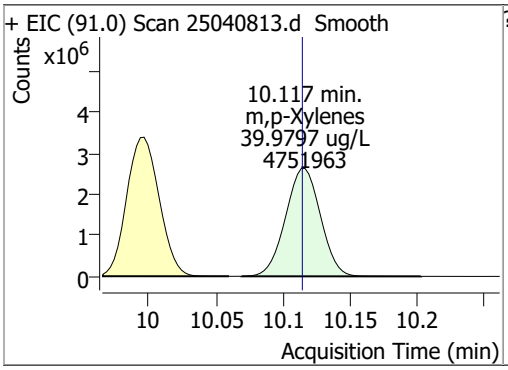
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	39.9275	10.00	0.00	5925752	106.0	31.6	2.2	62.2

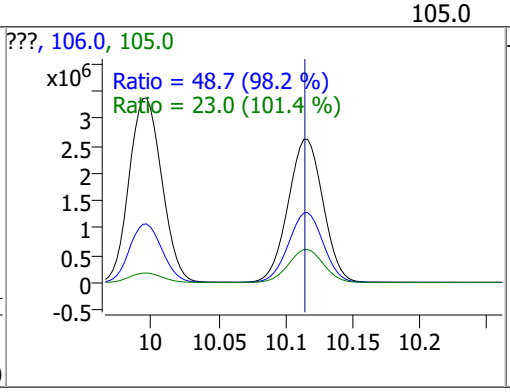


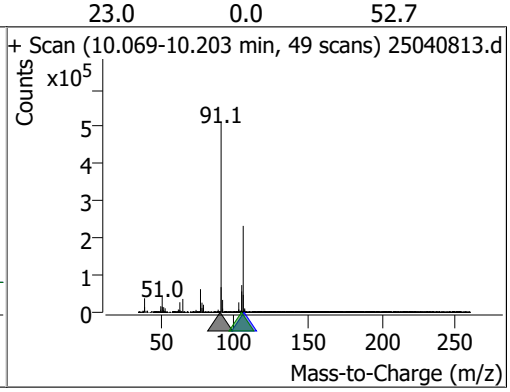




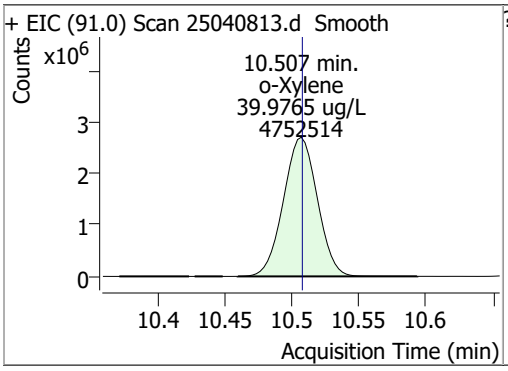
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	39.9797	10.12	0.00	4751963	106.0	48.7	19.6	79.6
					105.0	23.0	0.0	52.7

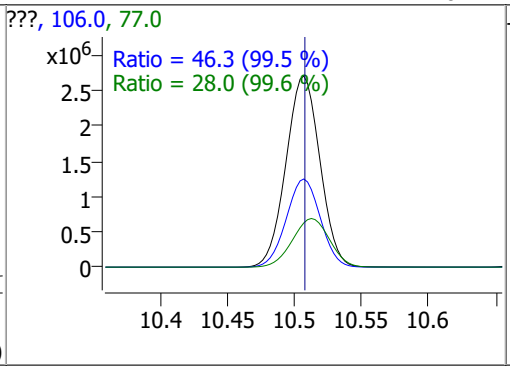


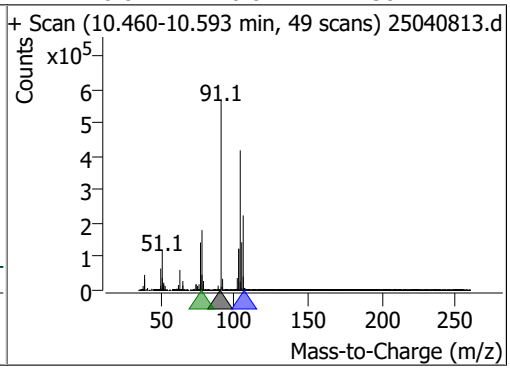




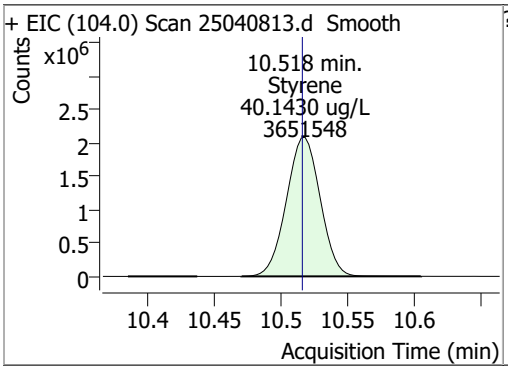
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	39.9765	10.51	0.00	4752514	106.0	46.3	16.5	76.5
					77.0	28.0	0.0	58.1

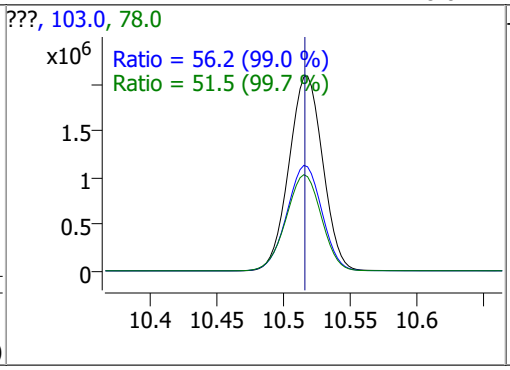


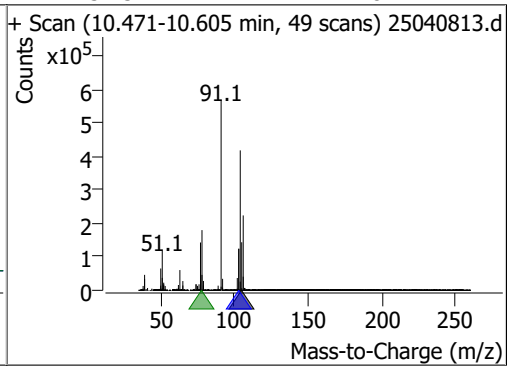




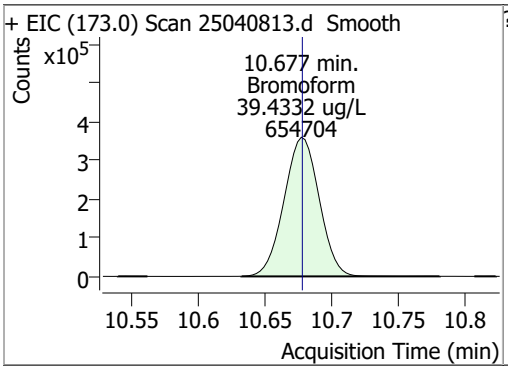
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	40.1430	10.52	0.00	3651548	103.0	56.2	26.7	86.7
					78.0	51.5	21.7	81.7

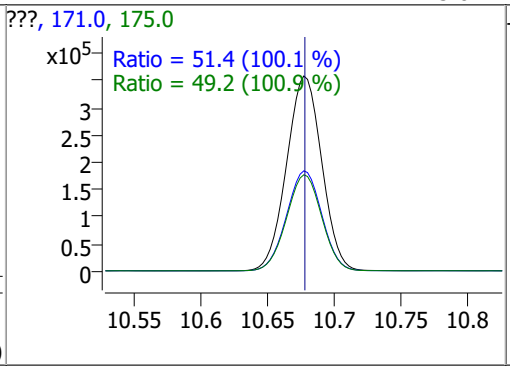


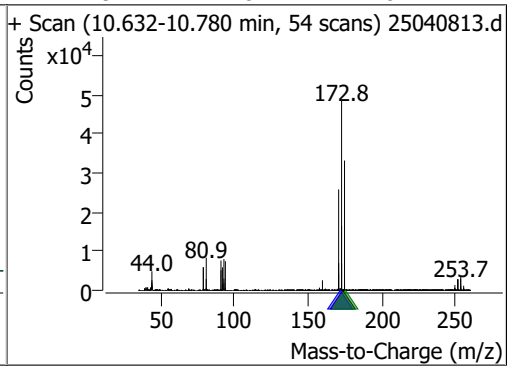




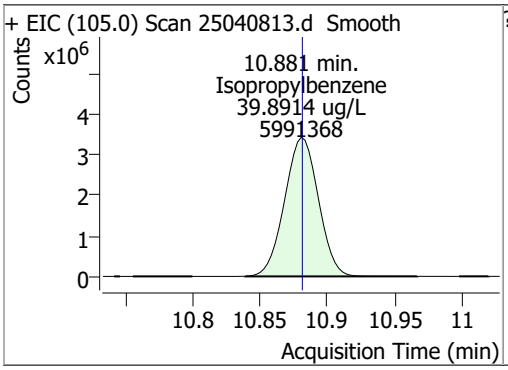
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	39.4332	10.68	0.00	654704	171.0	51.4	21.4	81.4
					175.0	49.2	18.7	78.7

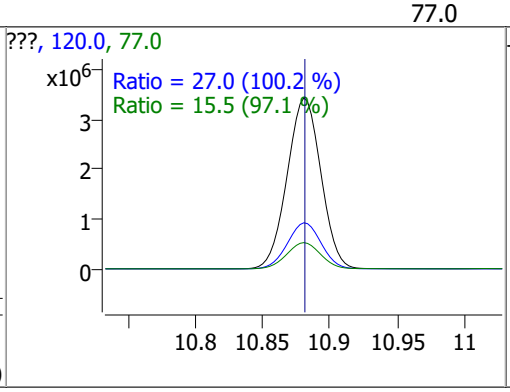


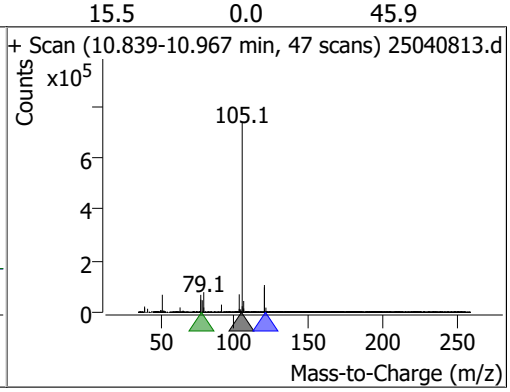




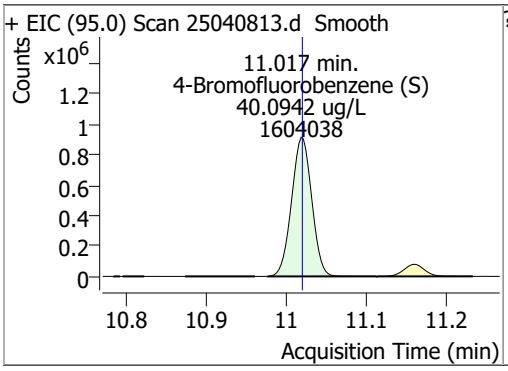
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	39.8914	10.88	0.00	5991368	120.0	27.0	0.0	56.9
					77.0	15.5	0.0	45.9

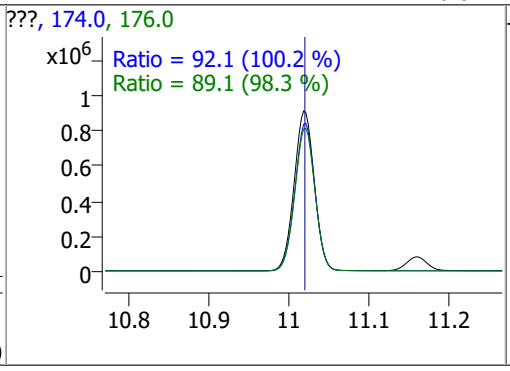


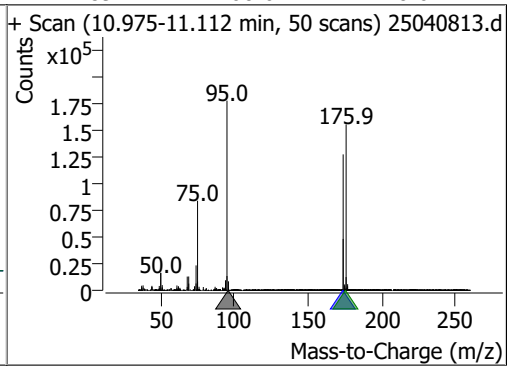




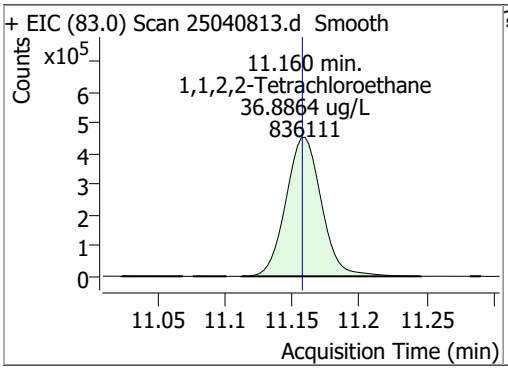
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	40.0942	11.02	0.00	1604038	174.0	92.1	61.9	121.9
					176.0	89.1	60.6	120.6

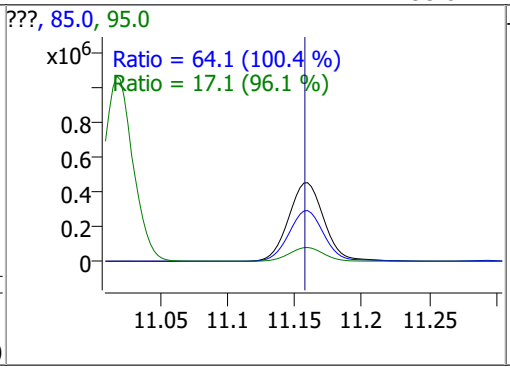


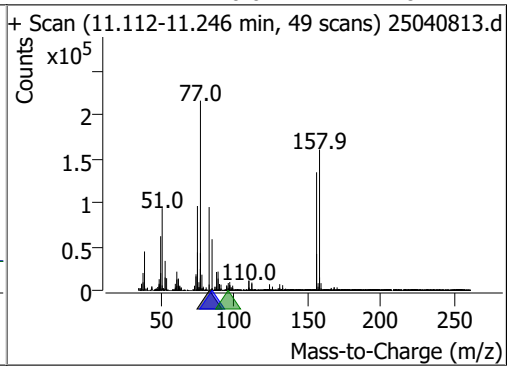




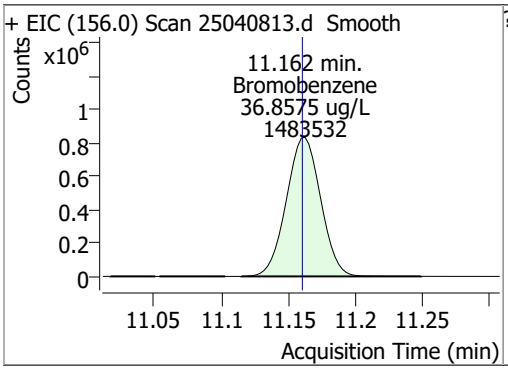
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	36.8864	11.16	0.00	836111	85.0	64.1	33.9	93.9
					95.0	17.1	0.0	47.8

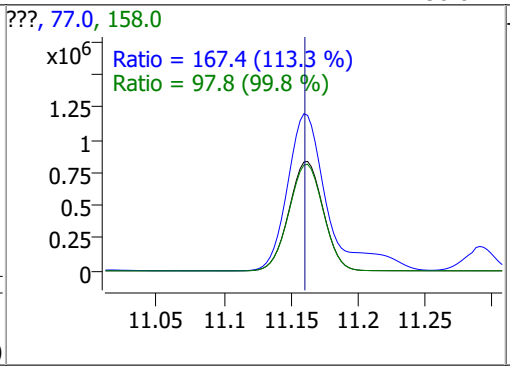


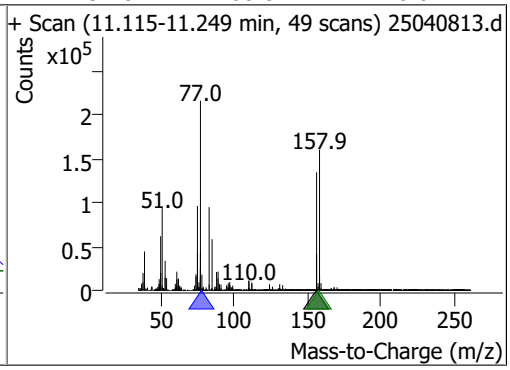




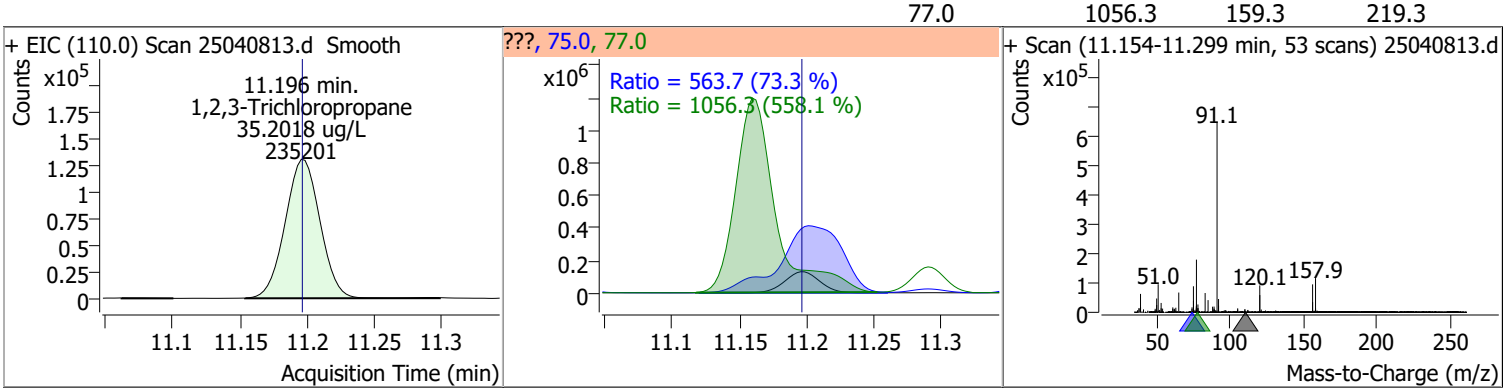
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	36.8575	11.16	0.00	1483532	77.0	167.4	117.8	177.8
					158.0	97.8	68.0	128.0



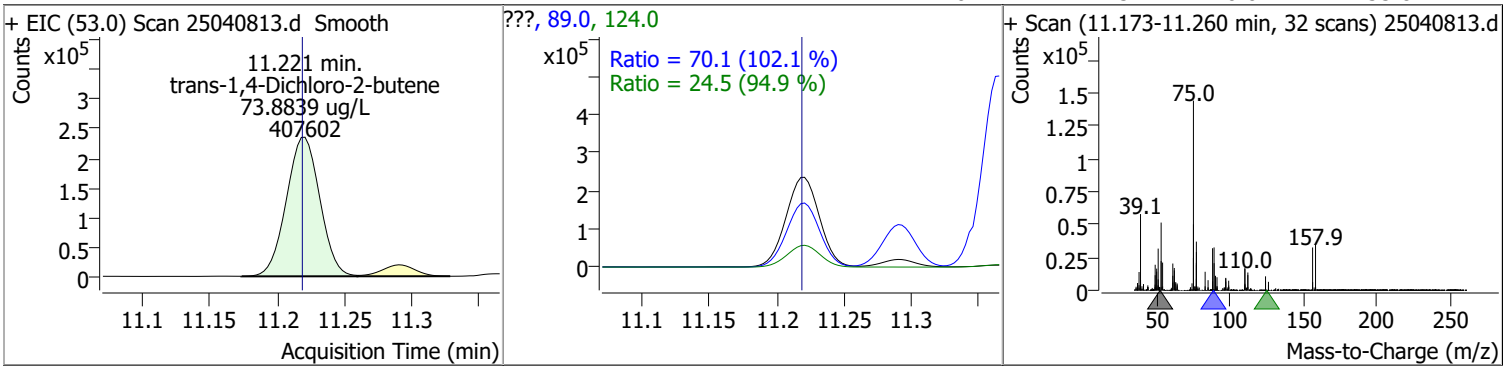




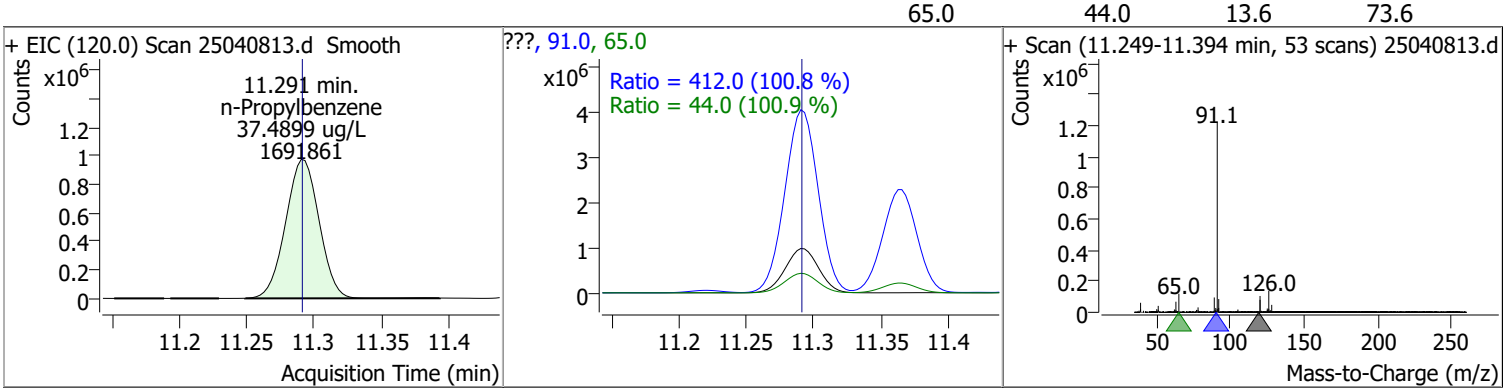
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	35.2018	11.20	0.00	235201	75.0	563.7	738.8	798.8
					77.0	1056.3	159.3	219.3



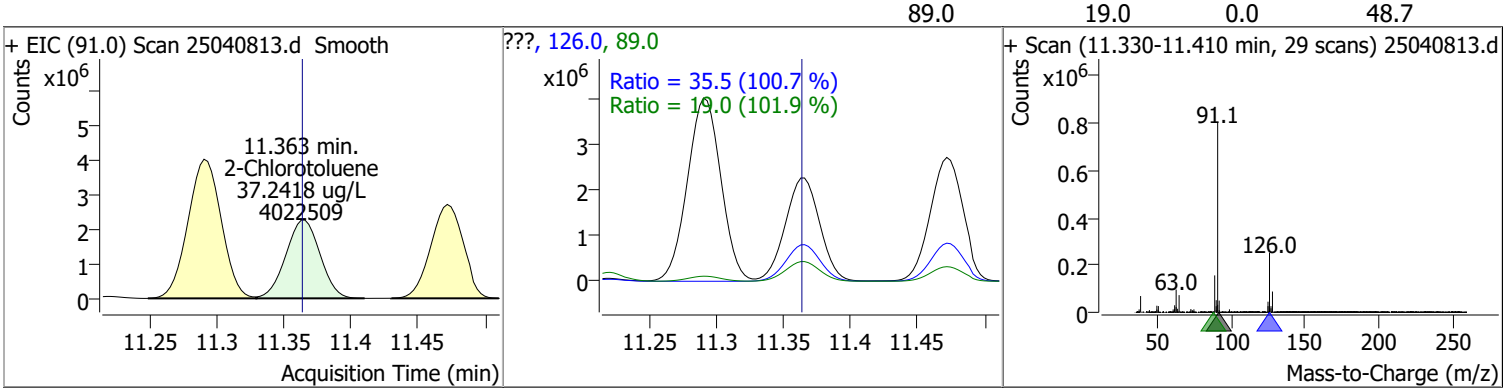
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	73.8839	11.22	0.00	407602	89.0	70.1	38.6	98.6
					124.0	24.5	0.0	55.8



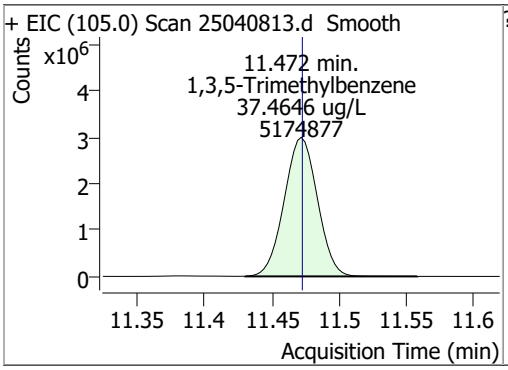
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	37.4899	11.29	0.00	1691861	91.0	412.0	378.8	438.8
					65.0	44.0	13.6	73.6

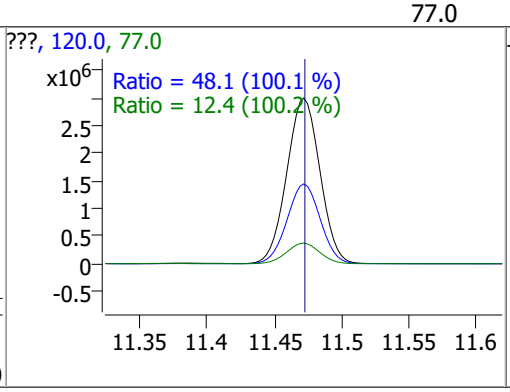


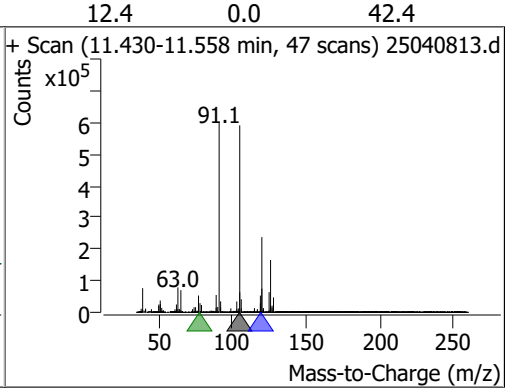
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	37.2418	11.36	0.00	4022509	126.0	35.5	5.2	65.2
					89.0	19.0	0.0	48.7



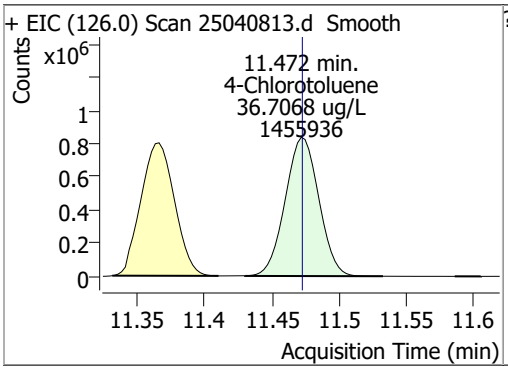
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	37.4646	11.47	0.00	5174877	120.0	48.1	18.1	78.1
					77.0	12.4	0.0	42.4

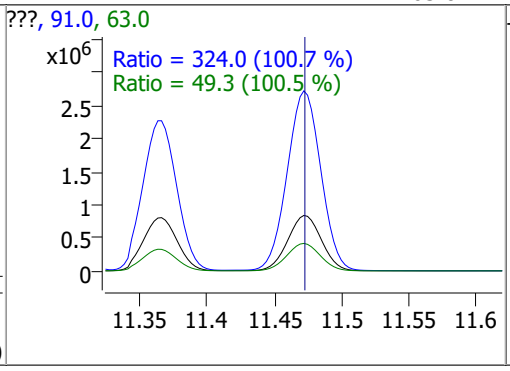


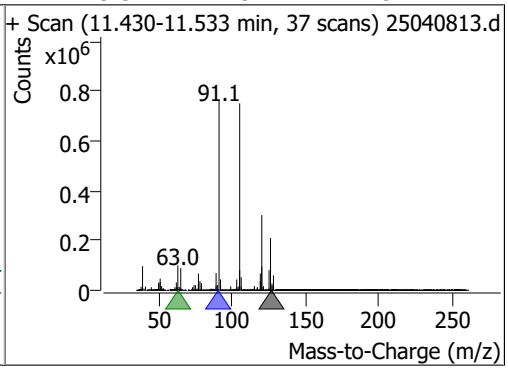




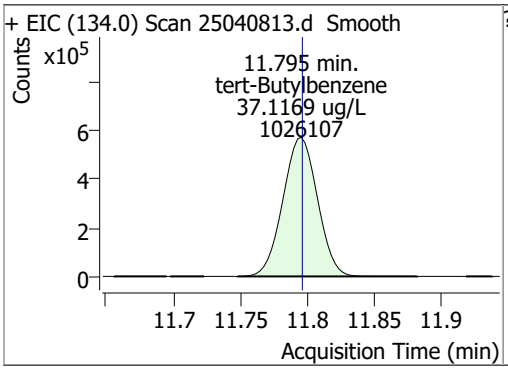
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	36.7068	11.47	0.00	1455936	91.0	324.0	291.7	351.7
					63.0	49.3	19.1	79.1

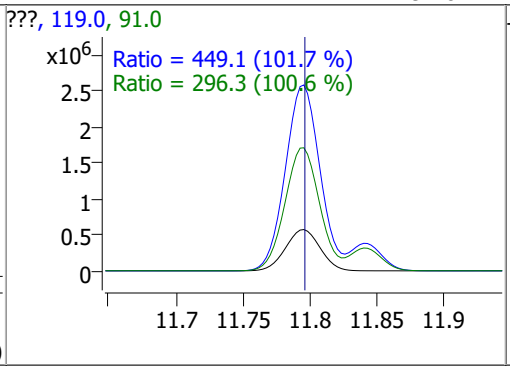


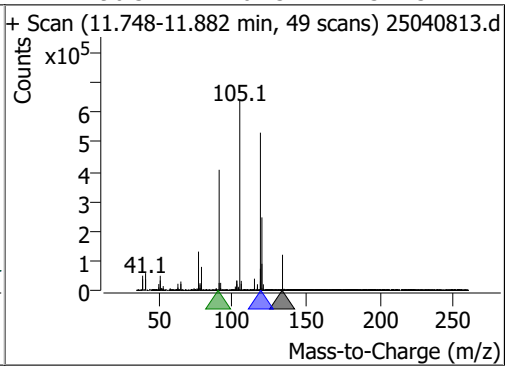




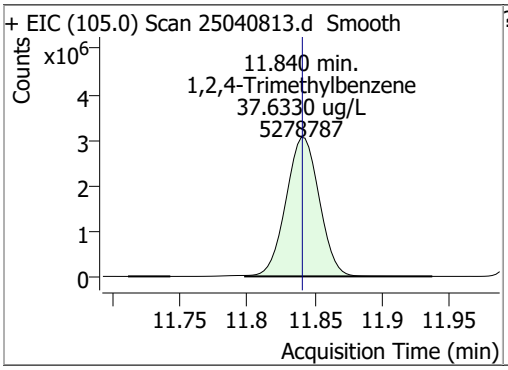
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	37.1169	11.80	0.00	1026107	119.0	449.1	411.8	471.8
					91.0	296.3	264.5	324.5

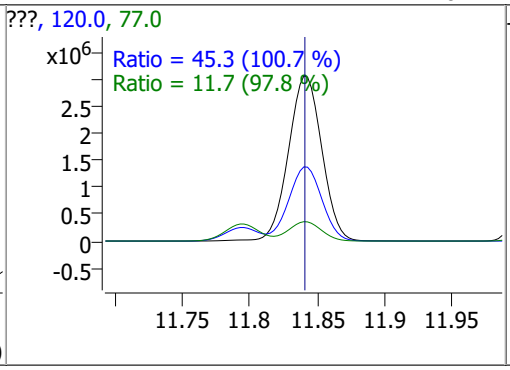


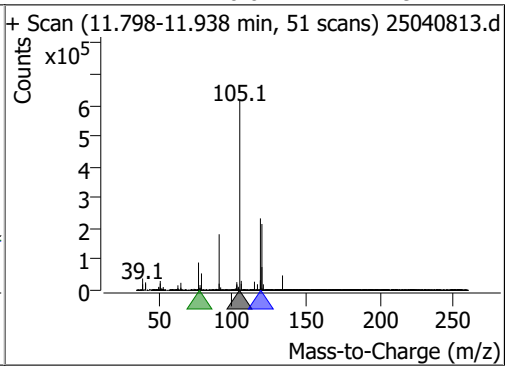




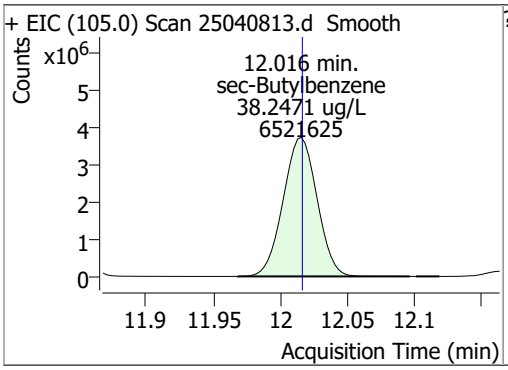
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	37.6330	11.84	0.00	5278787	120.0	45.3	15.0	75.0
					77.0	11.7	0.0	41.9

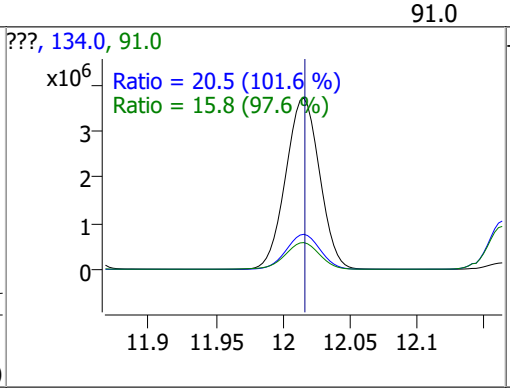


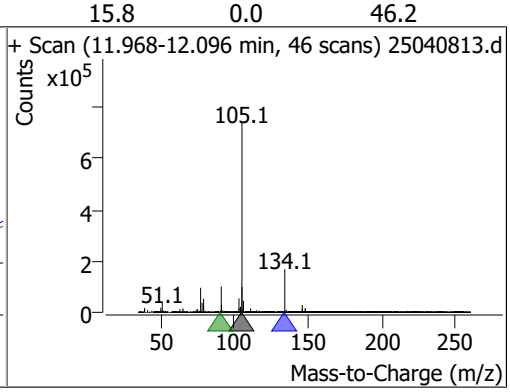




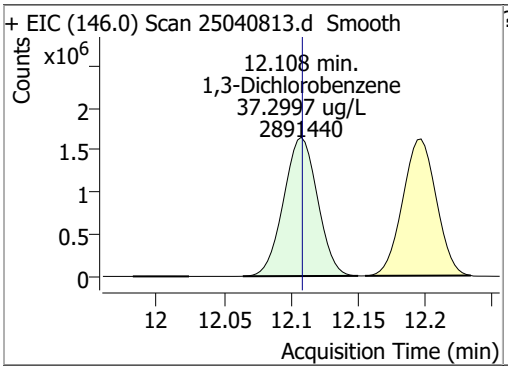
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	38.2471	12.02	0.00	6521625	134.0	20.5	0.0	50.2
					91.0	15.8	0.0	46.2

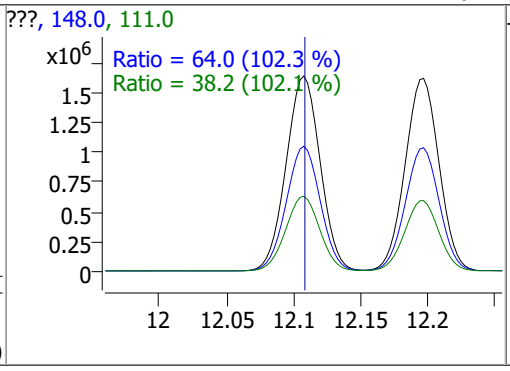


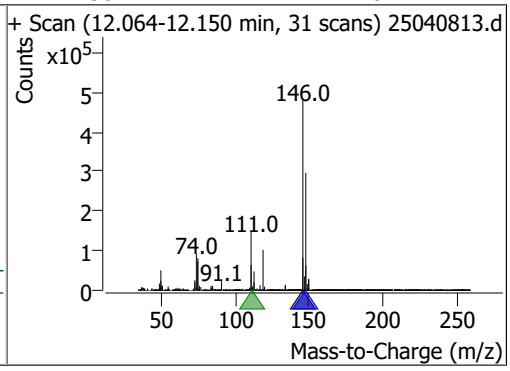




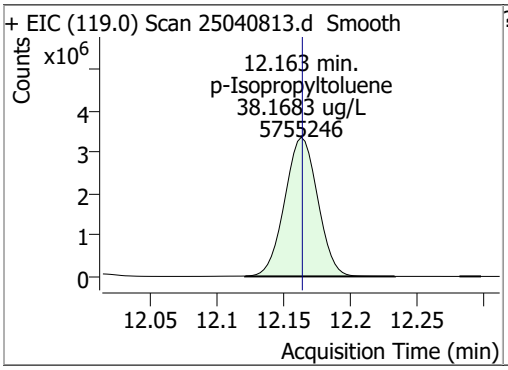
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	37.2997	12.11	0.00	2891440	148.0	64.0	32.5	92.5
					111.0	38.2	7.4	67.4

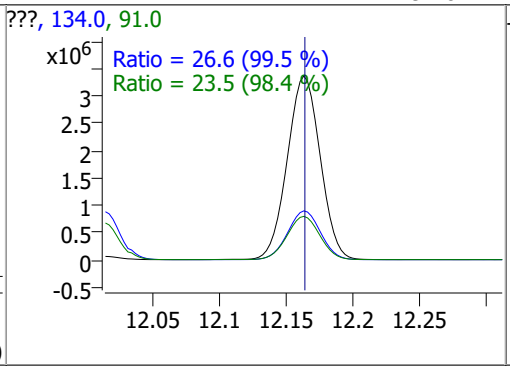


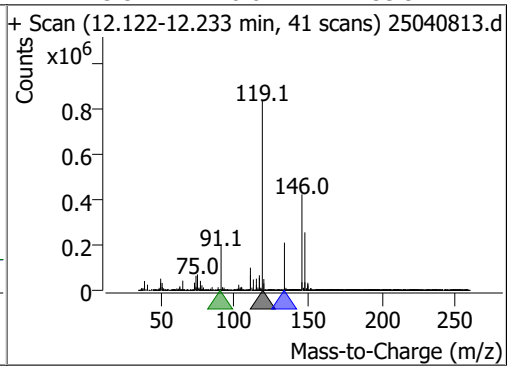




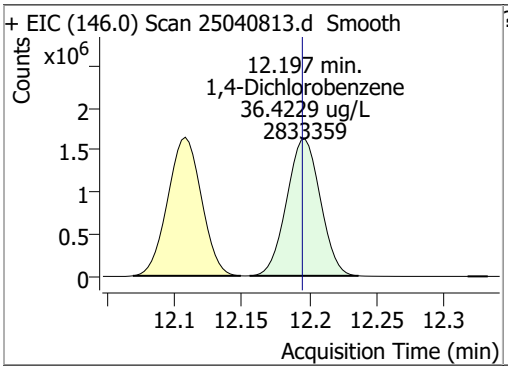
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	38.1683	12.16	0.00	5755246	134.0	26.6	0.0	56.7
					91.0	23.5	0.0	53.9

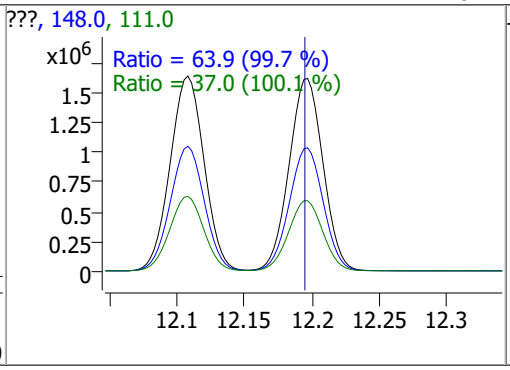


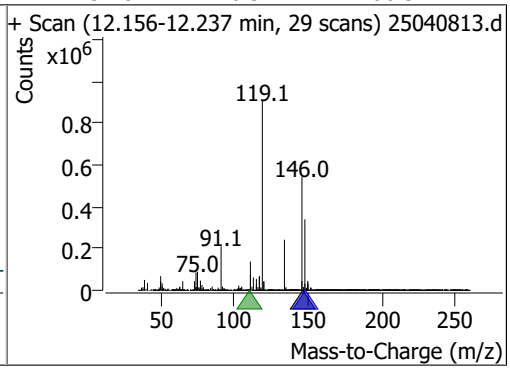




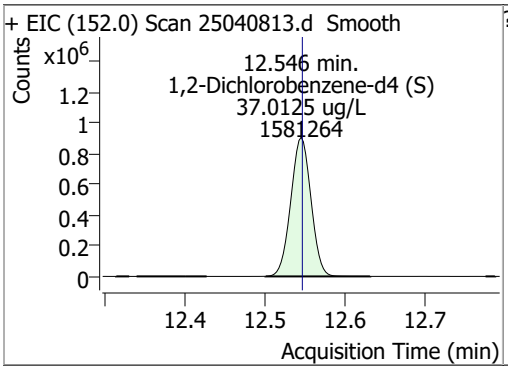
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	36.4229	12.20	0.00	2833359	148.0	63.9	34.1	94.1
					111.0	37.0	6.9	66.9

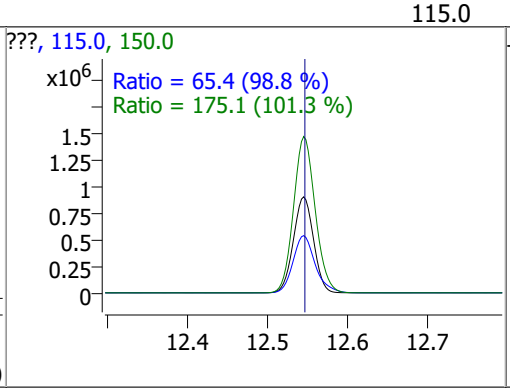


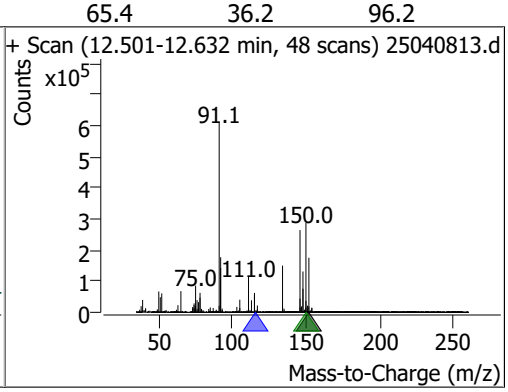




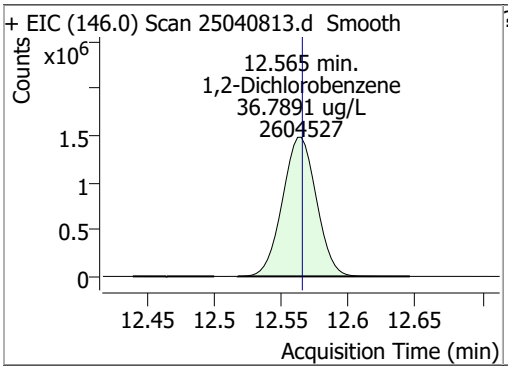
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	37.0125	12.55	0.00	1581264	150.0	175.1	142.9	202.9
					115.0	65.4	36.2	96.2

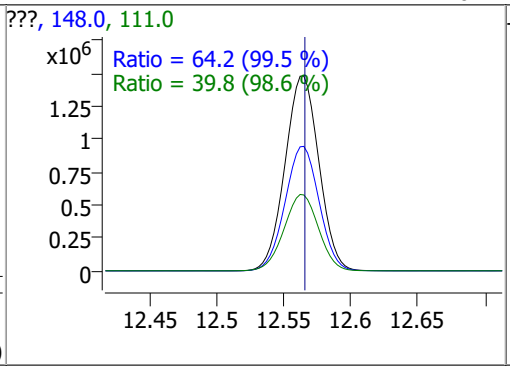


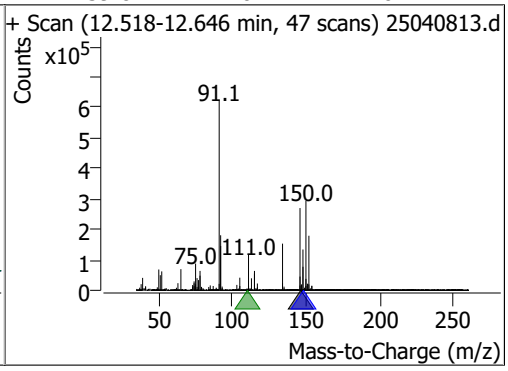




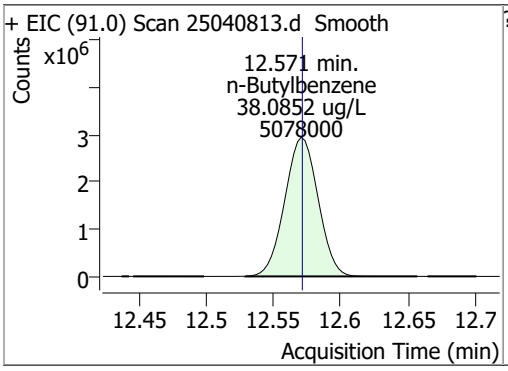
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	36.7891	12.57	0.00	2604527	148.0	64.2	34.5	94.5
					111.0	39.8	10.4	70.4

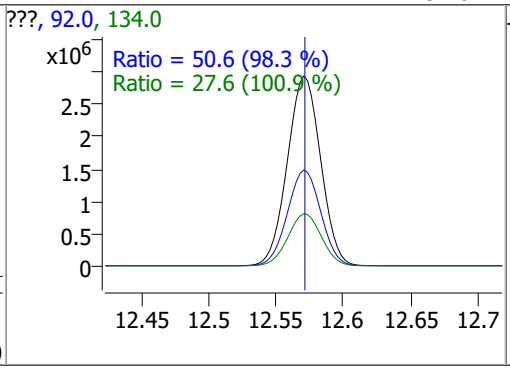


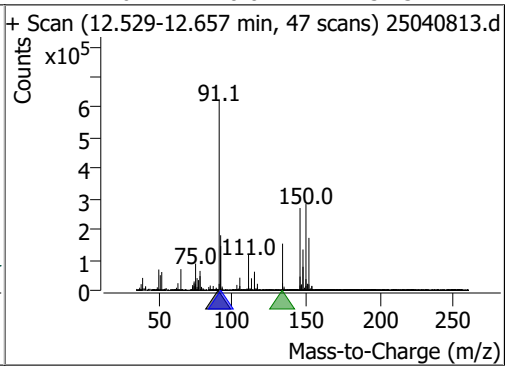




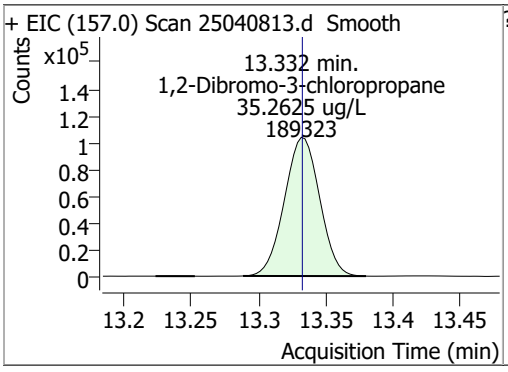
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	38.0852	12.57	0.00	5078000	92.0	50.6	21.5	81.5
					134.0	27.6	0.0	57.3

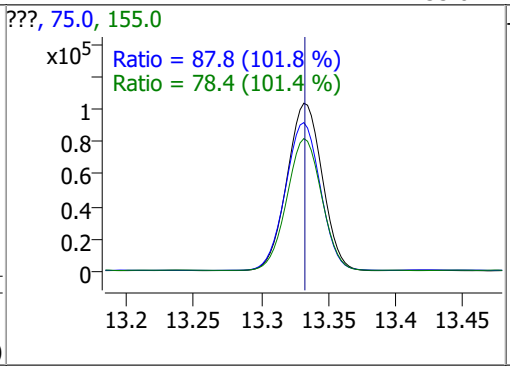


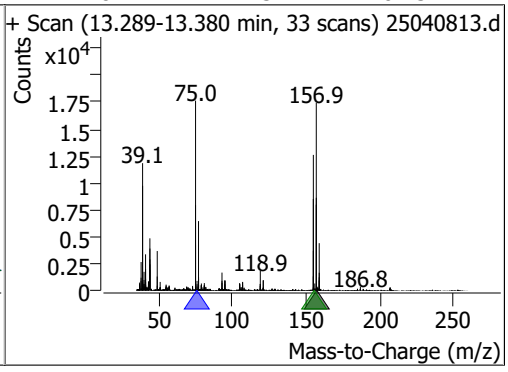




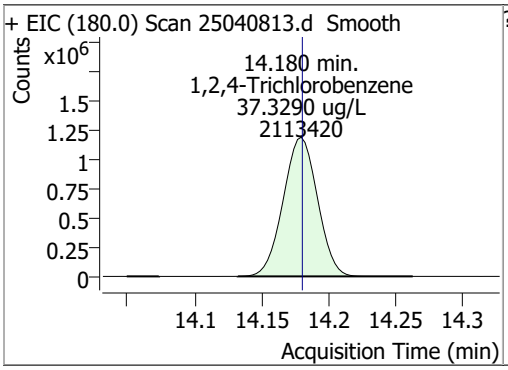
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	35.2625	13.33	0.00	189323	75.0	87.8	56.2	116.2
					155.0	78.4	47.3	107.3

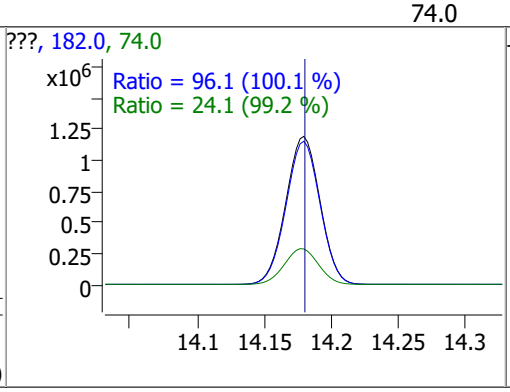


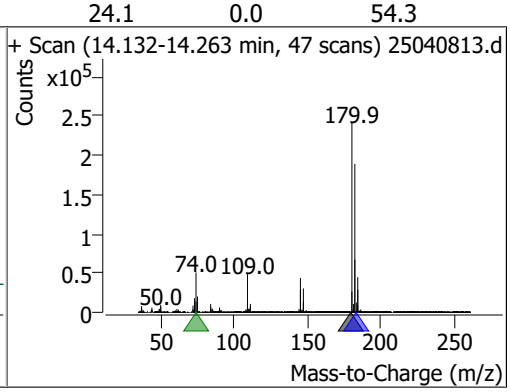




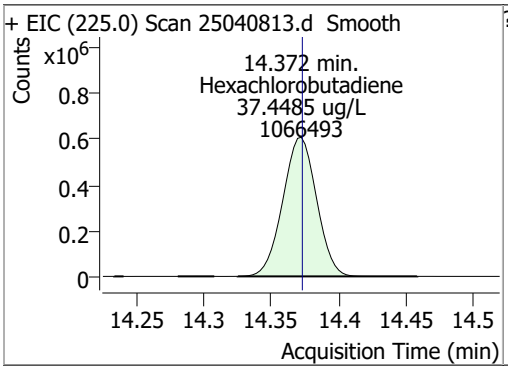
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	37.3290	14.18	0.00	2113420	182.0	96.1	66.0	126.0
					74.0	24.1	0.0	54.3

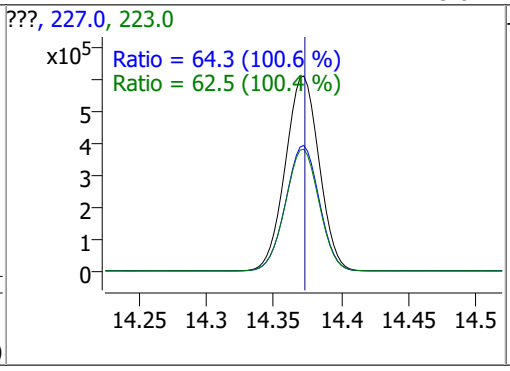


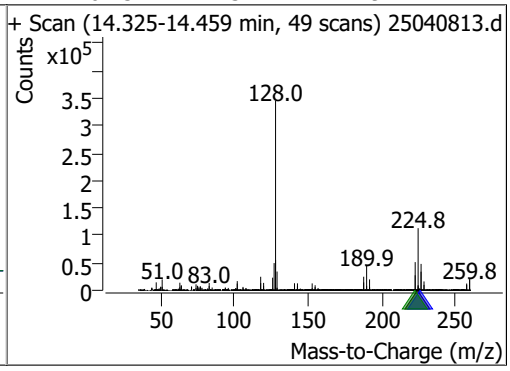




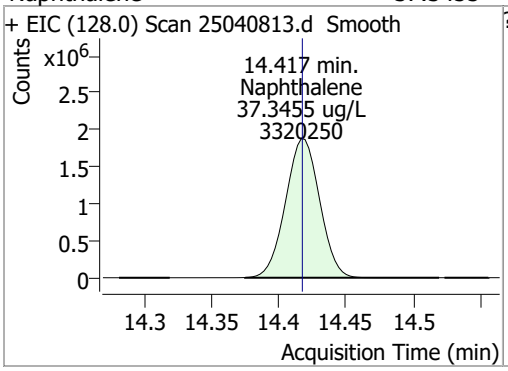
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	37.4485	14.37	0.00	1066493	227.0	64.3	33.9	93.9
					223.0	62.5	32.2	92.2

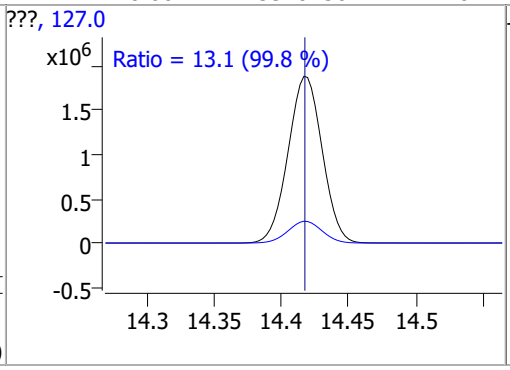


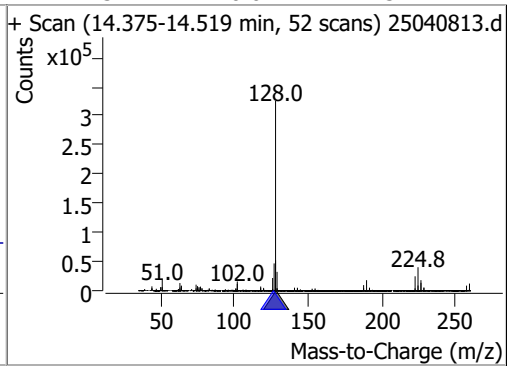




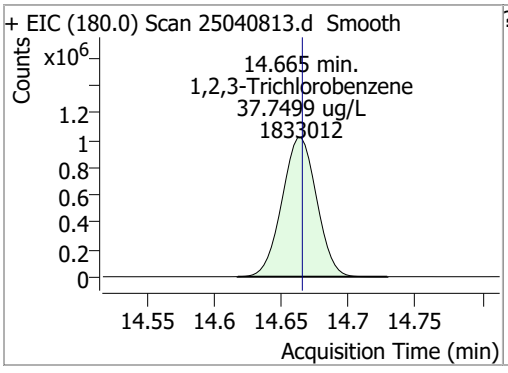
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	37.3455	14.42	0.00	3320250	127.0	13.1	0.0	43.1

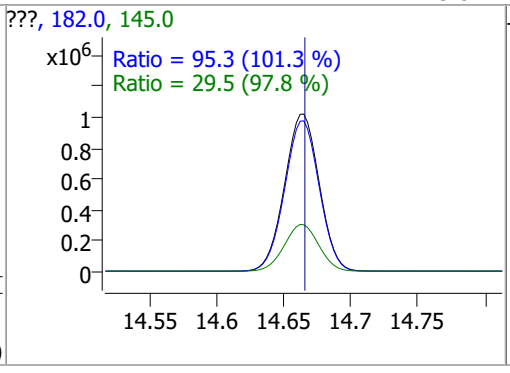


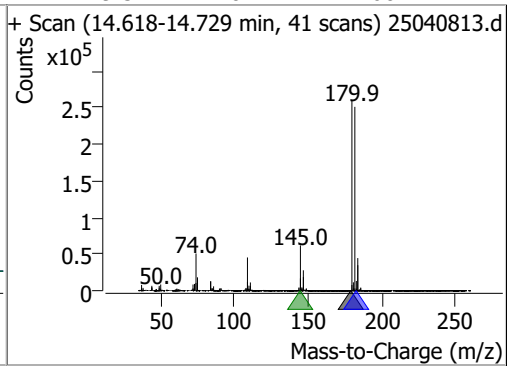




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	37.7499	14.66	0.00	1833012	182.0	95.3	64.1	124.1
					145.0	29.5	0.2	60.2







Quantitation Results Report (Not Reviewed)

Agilent | Trusted Answers

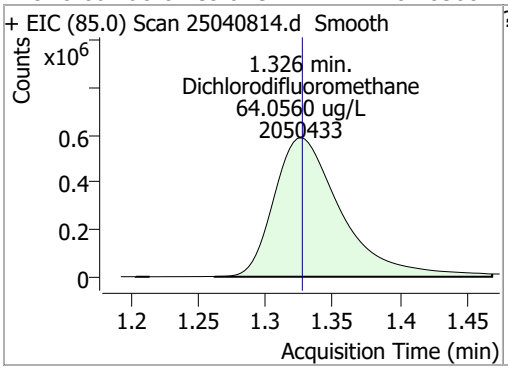
Data File	25040814.d	Operator	LSD
Acq. Method	GCMS_107	Acq. Date-Time	4/8/2025 11:24:45 PM
Sample Name	CAL 60 PPB	Instrument	GCMS 107
Vial	1	Multiplier	1.00
DA Method File		Comment	
Tune File	atune.u	Tune Date	4/8/2025 5:18:37 PM
Batch Name	MHQ-CALIBRATION 040825-1.batch.bin	Last Calib Update	4/9/2025 5:04:27 PM
Ref Library			

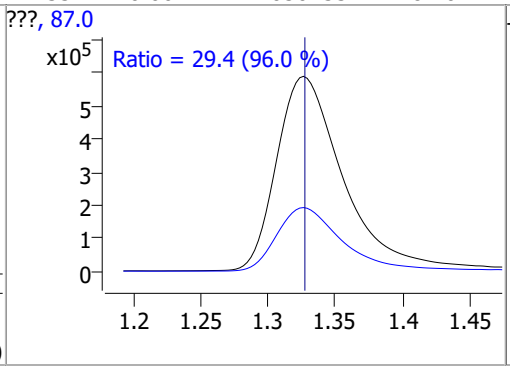
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.706		401441	4.0000	ug/L	0.000
38) Chlorobenzene-d5	9.843		298270	4.0000	ug/L	0.000
56) 1,4-Dichlorobenzene-d4	12.172		199033	4.0000	ug/L	0.000
System Monitoring Compounds						
23) Pentafluorobenzene (S)	6.034		4102597	59.2353	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
27) 1,2-Dichloroethane-d4 (S)	6.304		1582124	58.2203	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
55) 4-Bromofluorobenzene (S)	11.017		2350942	60.0203	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
72) 1,2-Dichlorobenzene-d4 (S)	12.545		2336995	52.3247	ug/L	0.000
Spiked Amount:	Range: - %			Recovery = NA%		
Target Compounds						QValue
2) Dichlorodifluoromethane	1.326		2050433	64.0560	ug/L	98
3) Chloromethane	1.494		2001398	59.2269	ug/L	98
4) Vinyl Chloride	1.597		1969814	58.8158	ug/L	99
5) Bromomethane	1.901		1303510	59.6418	ug/L	100
6) Chloroethane	1.982		1064734	59.4372	ug/L	98
7) Trichlorofluoromethane	2.272		2833774	80.3899	ug/L	71
9) 1,1-Dichloroethylene	2.790		2462233	60.1336	ug/L	99
10) Acetone	2.908		125302	114.4685	ug/L	100
11) Iodomethane	2.952		5920273	119.6357	ug/L	100
12) Carbon Disulfide	3.030		9813269	118.1879	ug/L	100
13) Dichloromethane	3.418		1921774	58.9230	ug/L	99
15) trans 1,2-Dichloroethylene	3.833		2383269	58.5689	ug/L	99
16) MTBE	3.967		3276953	59.9316	ug/L	100
17) 1,1-Dichloroethane	4.483		2886687	59.0540	ug/L	99
18) 2,2-Dichloropropane	5.306		2714262	57.3661	ug/L	99
19) cis 1,2-Dichloroethylene	5.303		1850182	59.5924	ug/L	99
20) 2-Butanone (MEK)	5.420		180566	119.4903	ug/L	92
21) Bromochloromethane	5.596		1278634	59.7453	ug/L	99
22) Chloroform	5.732		3063437	59.4803	ug/L	100
24) 1,1,1-Trichloroethane	5.939		3082713	60.9584	ug/L	98
25) 1,1-Dichloropropylene	6.140		2411061	59.2051	ug/L	99
26) Carbon Tetrachloride	6.140		2877130	60.3508	ug/L	99
28) Benzene	6.371		6822677	59.3375	ug/L	100
29) 1,2-Dichloroethane	6.393		2033651	59.6938	ug/L	99
30) Trichloroethylene	7.116		2060296	59.5841	ug/L	99
31) 1,2-Dichloropropane	7.344		1737834	59.0534	ug/L	99
32) Dibromomethane	7.459		1003300	59.9279	ug/L	99
33) Methyl Methacrylate	7.551		1999273	121.5329	ug/L	99
34) Bromodichloromethane	7.645		2260025	60.7043	ug/L	99
36) cis 1,3-Dichloropropylene	8.122		2690198	60.2536	ug/L	99
37) 4-Methyl-2-pentanone (MIBK)	8.337		1839785	121.6363	ug/L	99

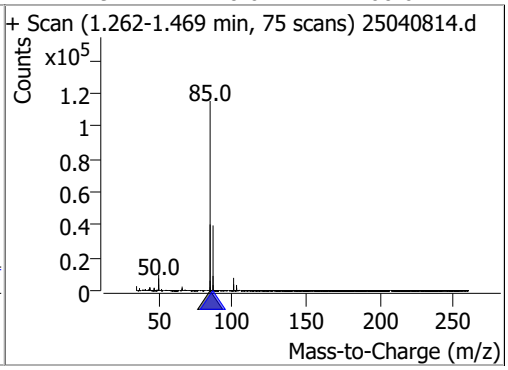
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
39) Toluene	8.465		7770978	59.9488	ug/L		99
40) trans 1,3-Dichloropropylene	8.691		2277963	60.5716	ug/L		97
41) 1,1,2-trichloroethane	8.870		1147258	60.2615	ug/L		99
42) Tetrachloroethylene	9.023		2339794	60.5476	ug/L		99
43) 1,3-Dichloropropane	9.034		1922449	59.9932	ug/L		100
44) 2-Hexanone	9.176		1238139	121.8112	ug/L		99
45) Dibromochloromethane	9.255		1580928	61.5298	ug/L		99
46) 1,2-Dibromoethane (EDB)	9.361		1144037	61.5273	ug/L		99
47) Chlorobenzene	9.871		4946370	60.7782	ug/L		99
48) 1,1,1,2-Tetrachloroethane	9.957		1891860	61.5131	ug/L		100
49) Ethylbenzene	9.996		8755921	60.2586	ug/L		100
50) m,p-Xylenes	10.116		7049113	60.5745	ug/L		99
51) o-Xylene	10.507		7031208	60.4088	ug/L		100
52) Styrene	10.518		5445610	61.1460	ug/L		99
53) Bromoform	10.677		999818	61.5073	ug/L		99
54) Isopropylbenzene	10.880		8879282	60.3838	ug/L		100
58) 1,1,2,2-Tetrachloroethane	11.159		1248057	52.6674	ug/L		100
57) Bromobenzene	11.162		2209263	52.5027	ug/L		90
59) 1,2,3-Trichloropropane	11.198		351217	50.2814	ug/L	#	1
60) trans-1,4-Dichloro-2-butene	11.221		626709	108.6639	ug/L		98
61) n-Propylbenzene	11.290		2512792	53.2612	ug/L		99
62) 2-Chlorotoluene	11.366		5986528	53.0169	ug/L		100
63) 1,3,5-Trimethylbenzene	11.472		7662538	53.0638	ug/L		100
64) 4-Chlorotoluene	11.474		2164834	52.2077	ug/L		100
65) tert-Butylbenzene	11.795		1545518	53.4759	ug/L		99
66) 1,2,4-Trimethylbenzene	11.842		7828218	53.3830	ug/L		99
67) sec-Butylbenzene	12.015		9670418	54.2492	ug/L		99
68) 1,3-Dichlorobenzene	12.107		4349784	53.6740	ug/L		99
69) p-Isopropyltoluene	12.163		8537776	54.1612	ug/L		100
70) 1,4-Dichlorobenzene	12.197		4300345	52.8788	ug/L		99
73) 1,2-Dichlorobenzene	12.565		3872178	52.3179	ug/L		99
71) n-Butylbenzene	12.570		7599042	54.5164	ug/L		99
74) 1,2-Dibromo-3-chloropropane	13.332		289854	51.6411	ug/L		98
75) 1,2,4-Trichlorobenzene	14.179		3196170	54.0003	ug/L		99
76) Hexachlorobutadiene	14.372		1633805	54.8758	ug/L		100
77) Naphthalene	14.419		4953346	53.2931	ug/L		100
78) 1,2,3-Trichlorobenzene	14.662		2745683	54.0886	ug/L		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

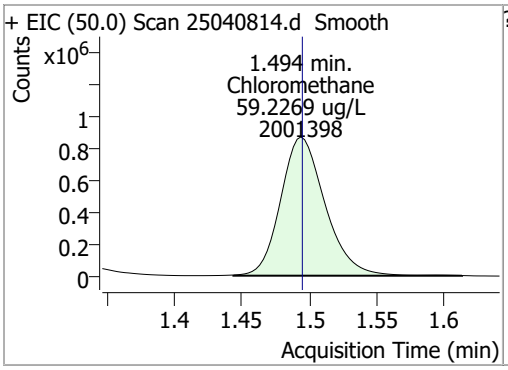
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	64.0560	1.33	0.00	2050433	87.0	29.4	0.6	60.6

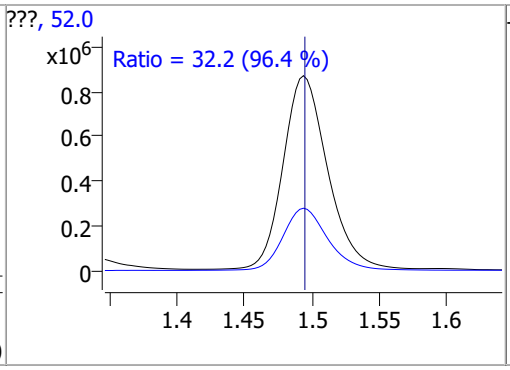


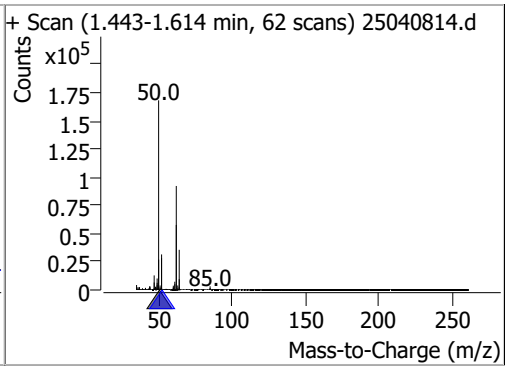




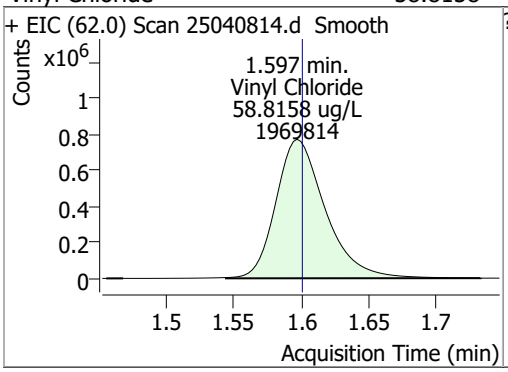
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	59.2269	1.49	0.00	2001398	52.0	32.2	3.4	63.4

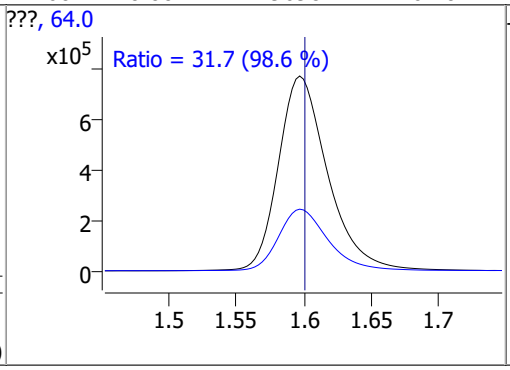


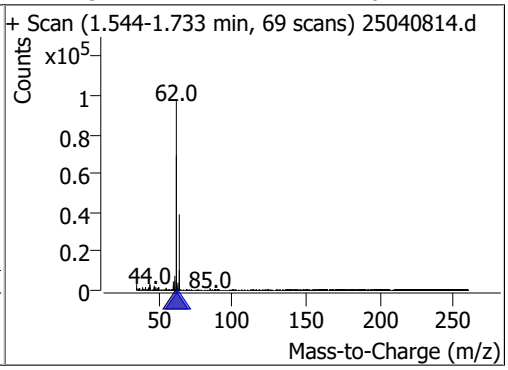




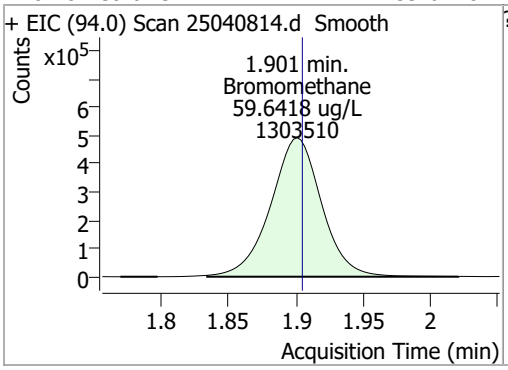
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl Chloride	58.8158	1.60	0.00	1969814	64.0	31.7	2.2	62.2

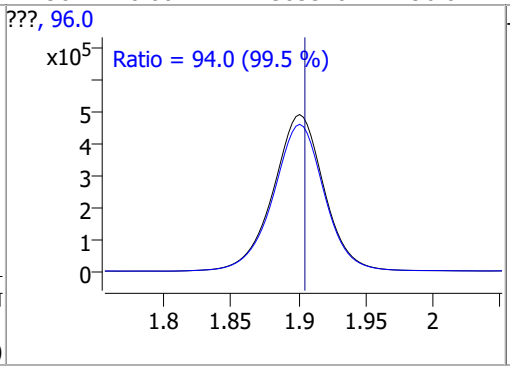


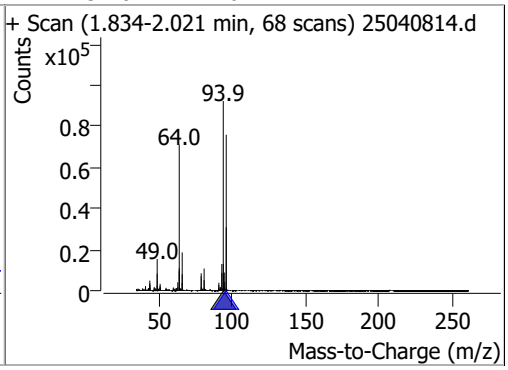




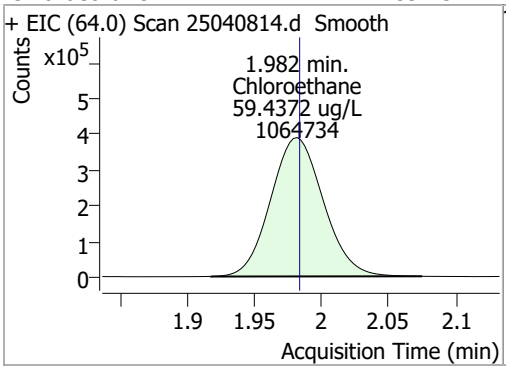
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	59.6418	1.90	0.00	1303510	96.0	94.0	64.4	124.4

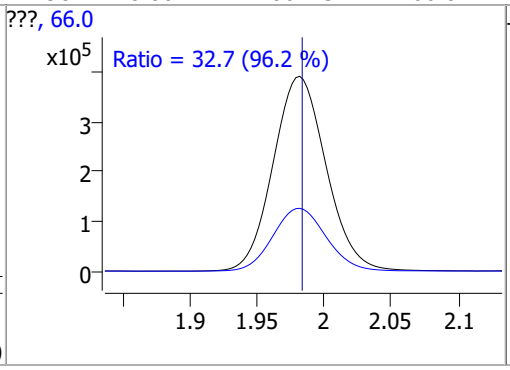


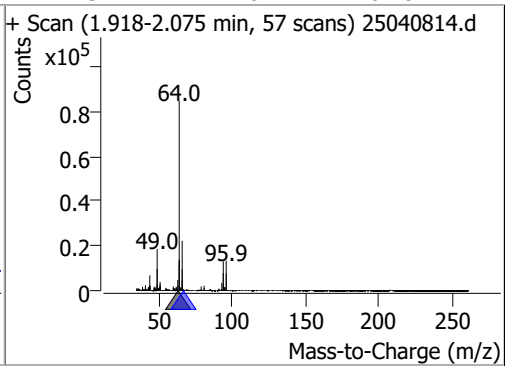




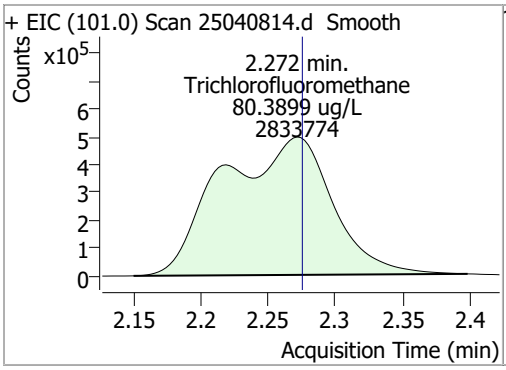
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	59.4372	1.98	0.00	1064734	66.0	32.7	4.0	64.0

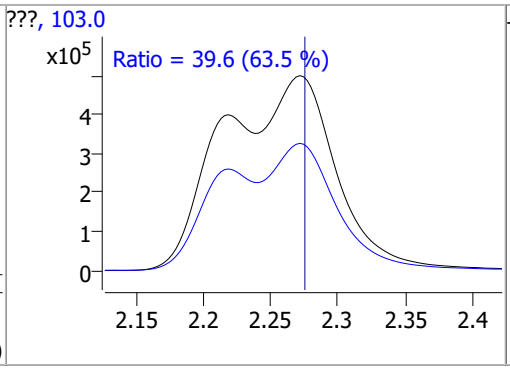


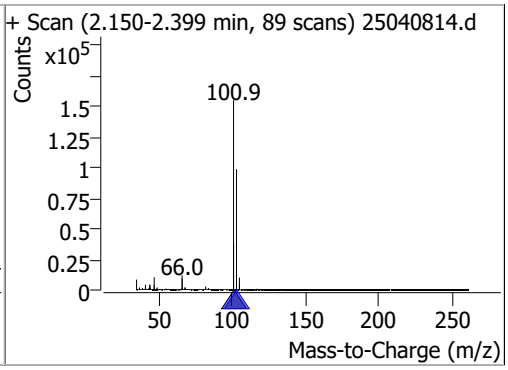




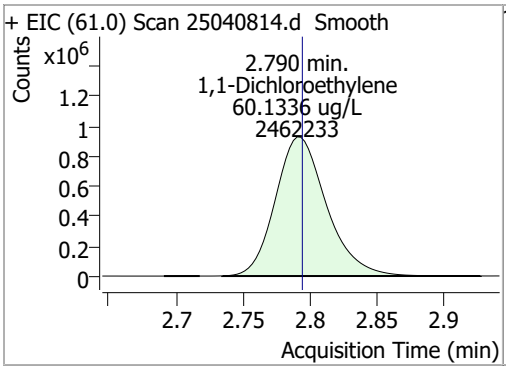
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	80.3899	2.27	0.00	2833774	103.0	39.6	32.3	92.3

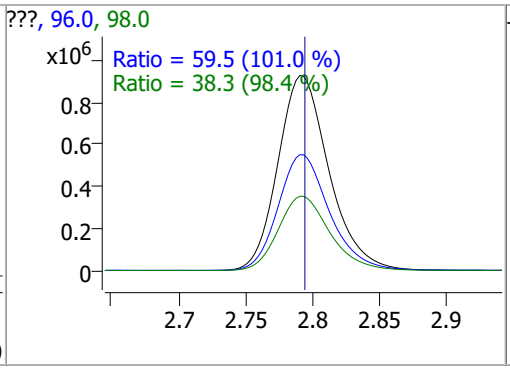


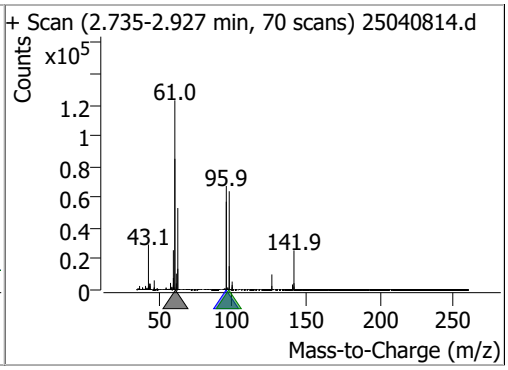




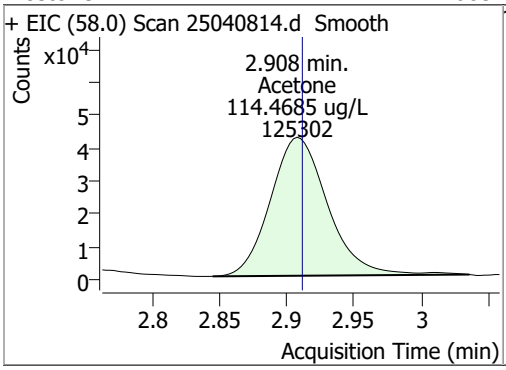
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethylene	60.1336	2.79	0.00	2462233	96.0	59.5	28.9	88.9
					98.0	38.3	8.9	68.9

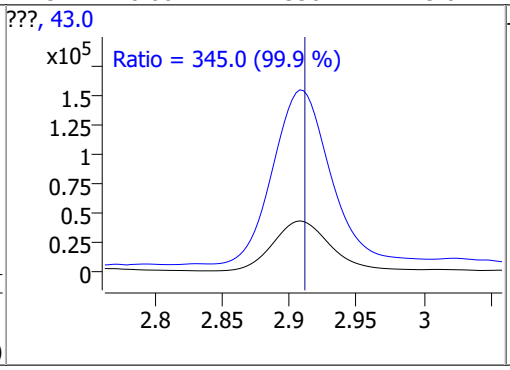


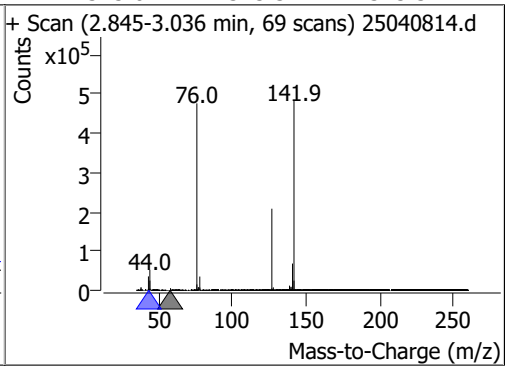




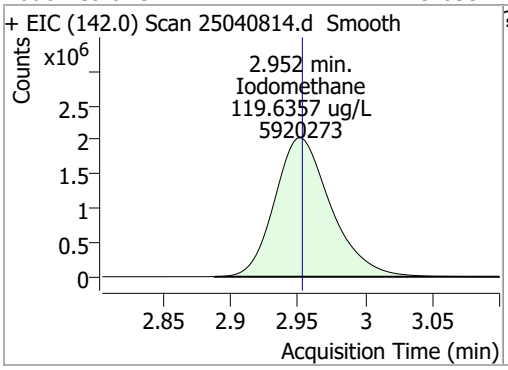
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Acetone	114.4685	2.91	0.00	125302	43.0	345.0	315.3	375.3

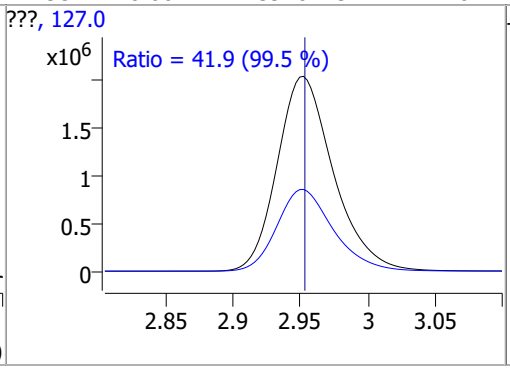


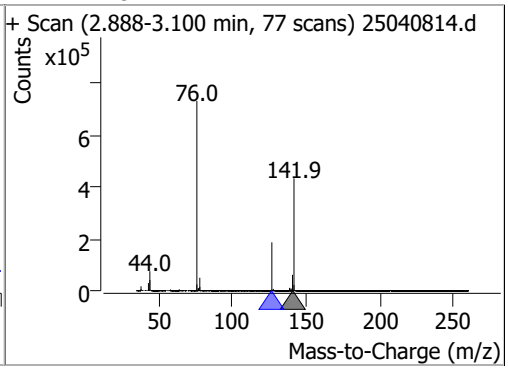




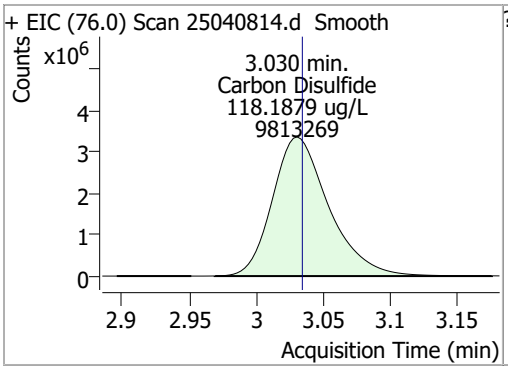
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Iodomethane	119.6357	2.95	0.00	5920273	127.0	41.9	12.1	72.1

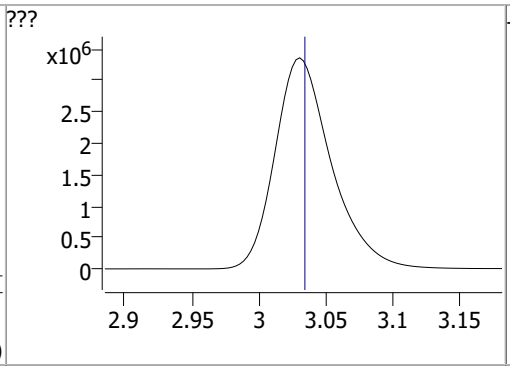


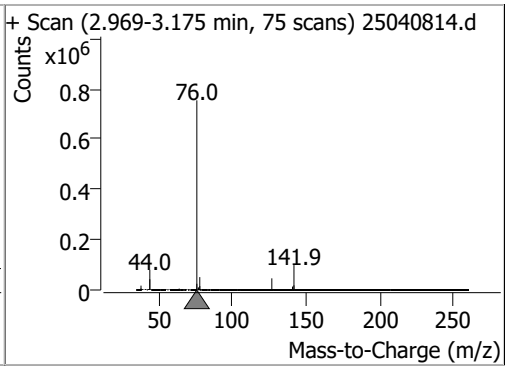




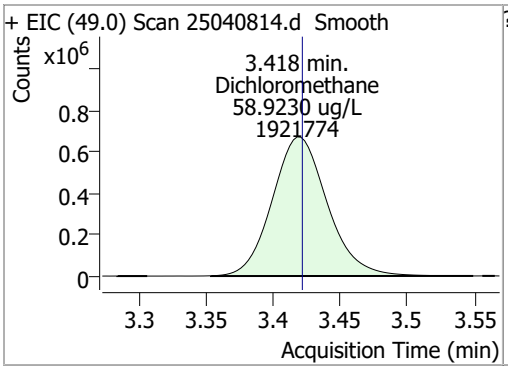
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Disulfide	118.1879	3.03	0.00	9813269				

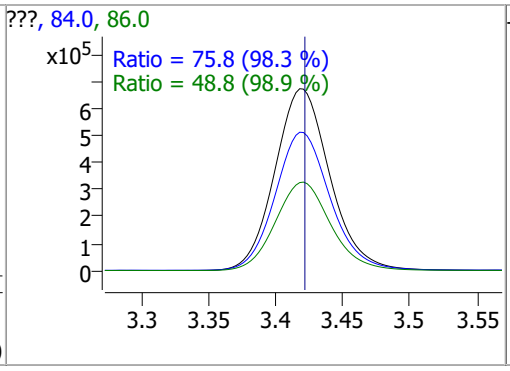


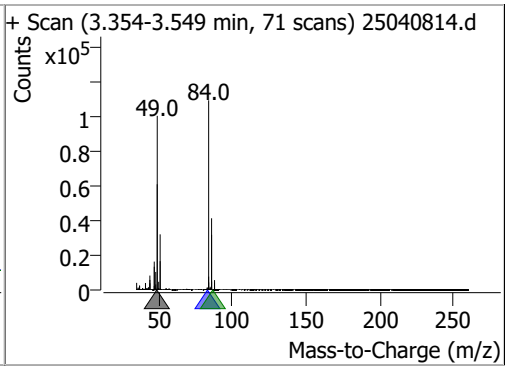




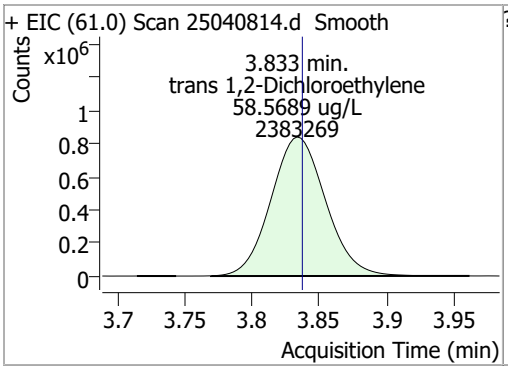
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichloromethane	58.9230	3.42	0.00	1921774	84.0	75.8	47.1	107.1
					86.0	48.8	19.4	79.4

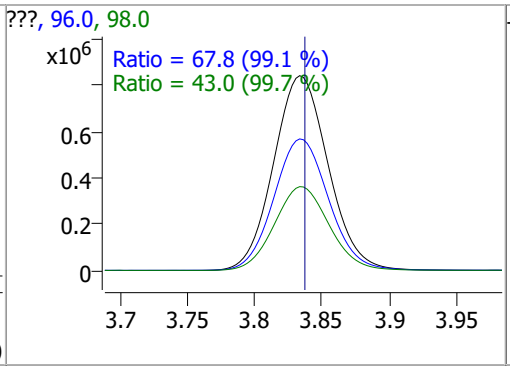


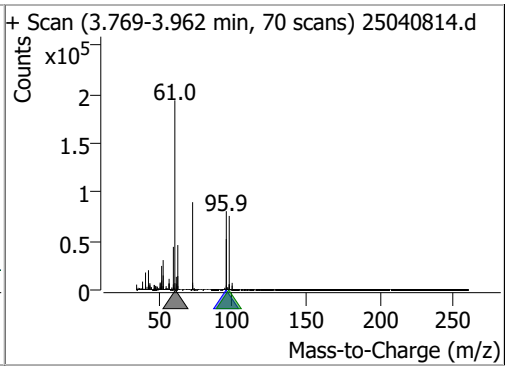




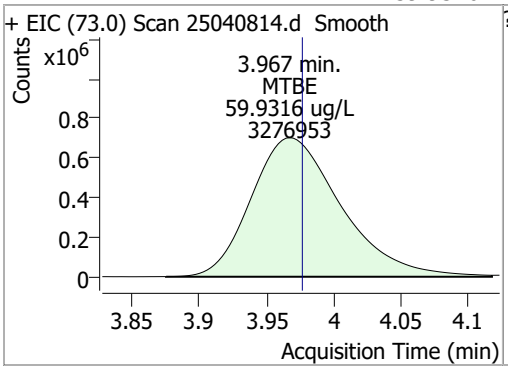
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,2-Dichloroethylene	58.5689	3.83	0.00	2383269	96.0	67.8	38.4	98.4
					98.0	43.0	13.2	73.2

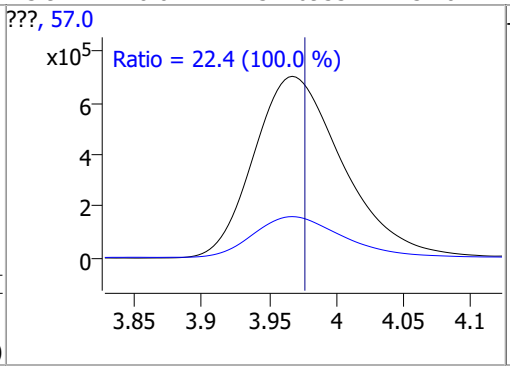


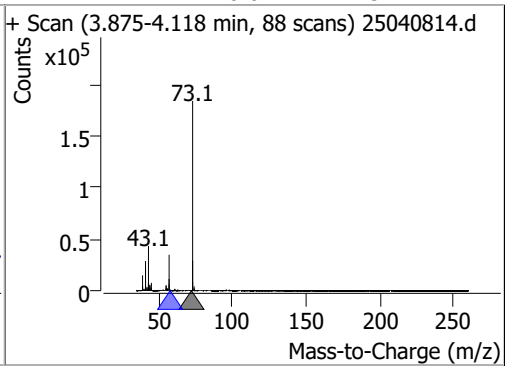




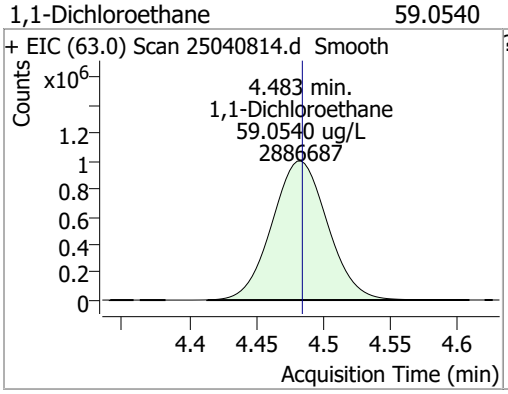
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
MTBE	59.9316	3.97	-0.01	3276953	57.0	22.4	0.0	52.4

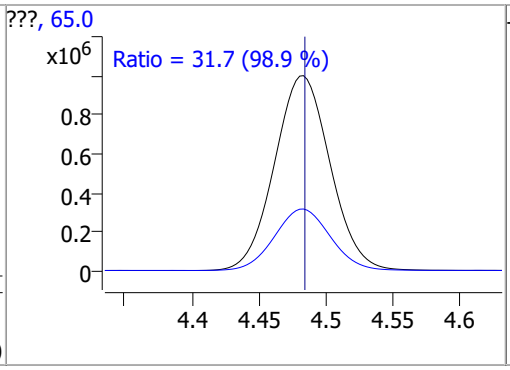


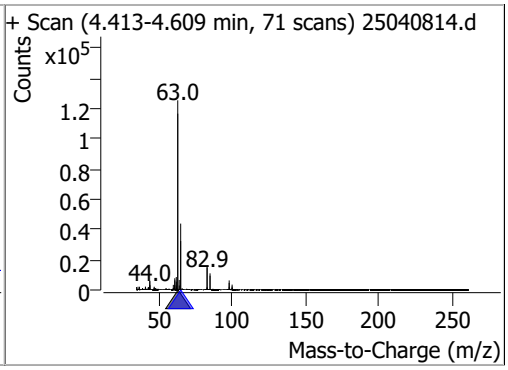




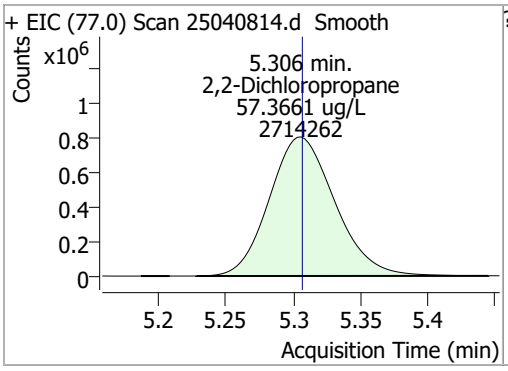
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	59.0540	4.48	0.00	2886687	65.0	31.7	2.0	62.0

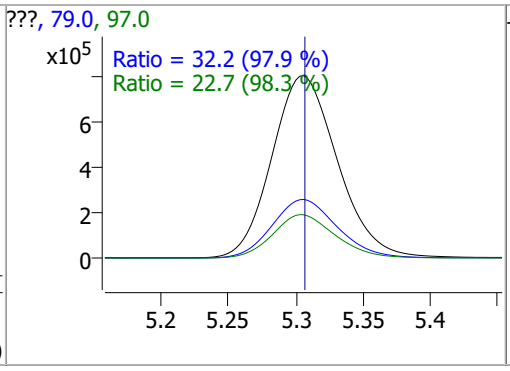


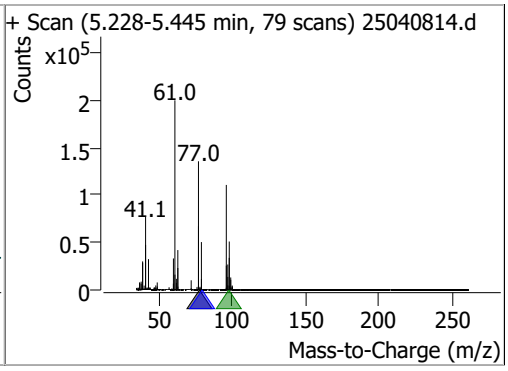




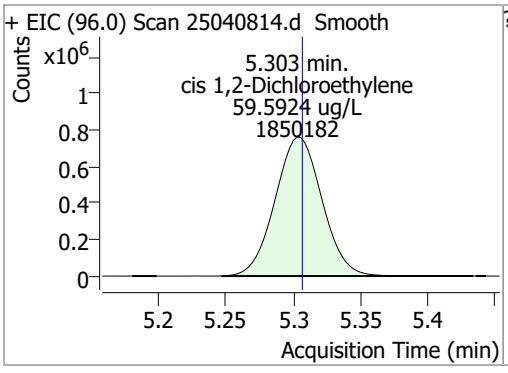
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	57.3661	5.31	0.00	2714262	79.0	32.2	2.9	62.9
					97.0	22.7	0.0	53.1

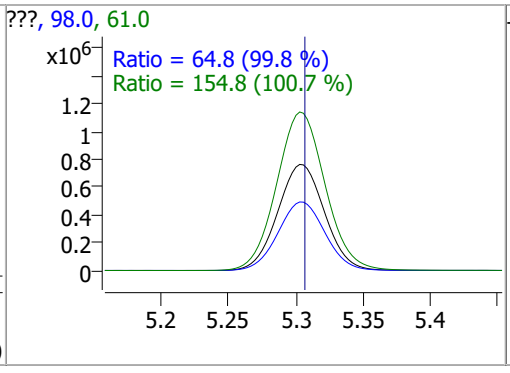


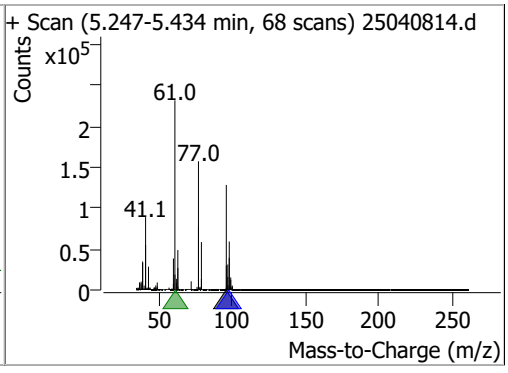




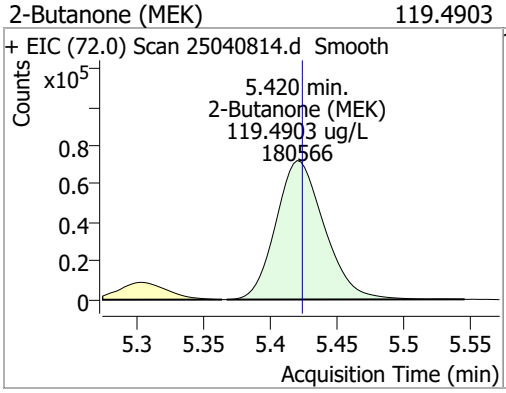
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,2-Dichloroethylene	59.5924	5.30	0.00	1850182	61.0	154.8	123.8	183.8
					98.0	64.8	35.0	95.0

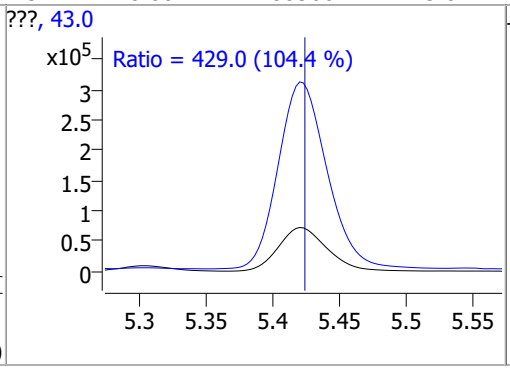


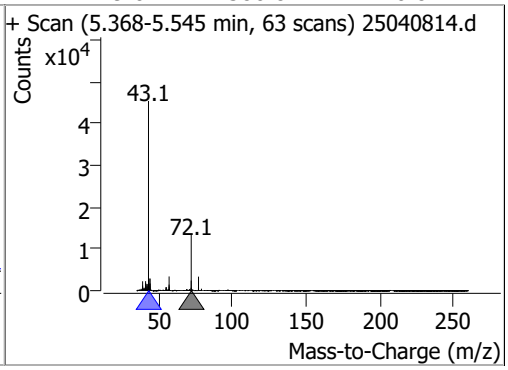




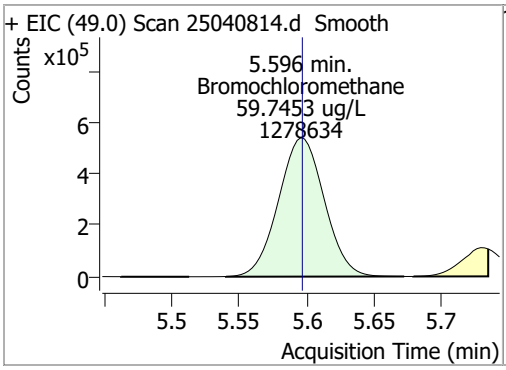
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Butanone (MEK)	119.4903	5.42	0.00	180566	43.0	429.0	380.8	440.8

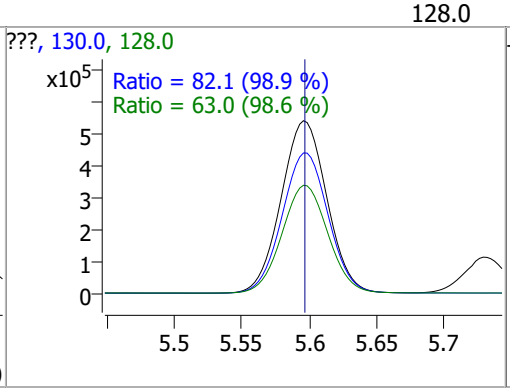


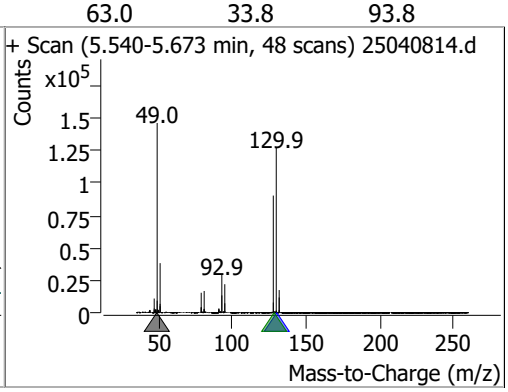




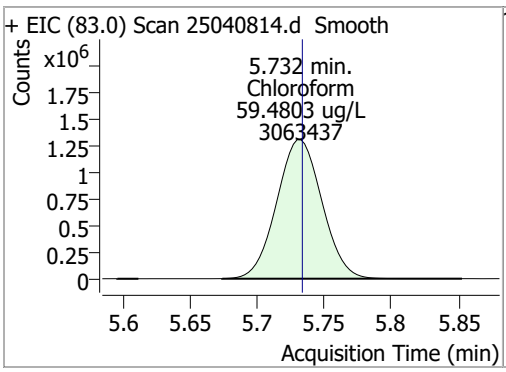
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	59.7453	5.60	0.00	1278634	130.0	82.1	53.1	113.1
					128.0	63.0	33.8	93.8

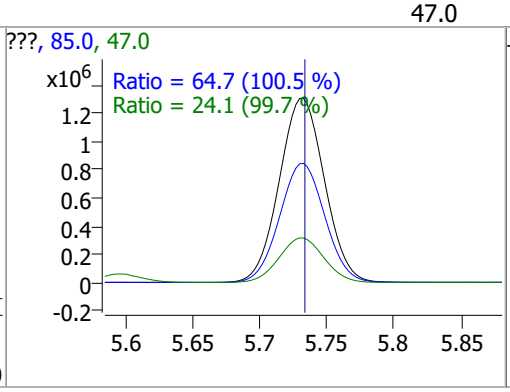


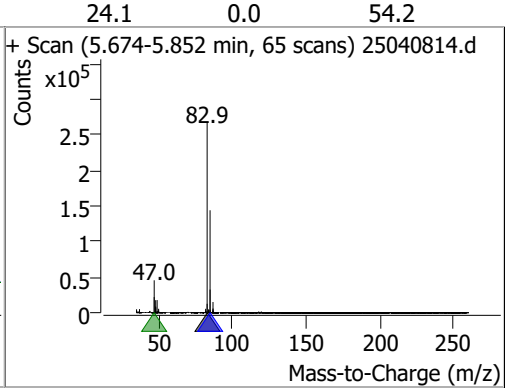




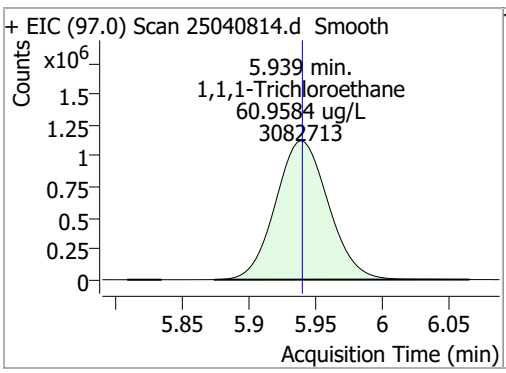
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	59.4803	5.73	0.00	3063437	85.0	64.7	34.4	94.4
					47.0	24.1	0.0	54.2

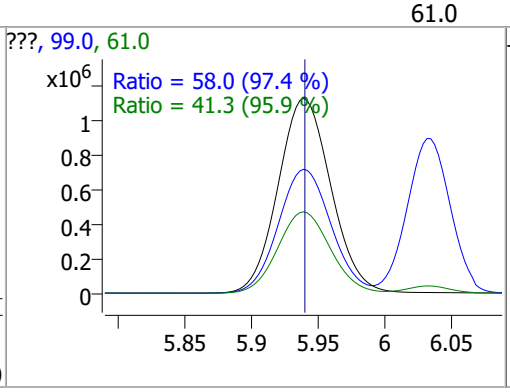


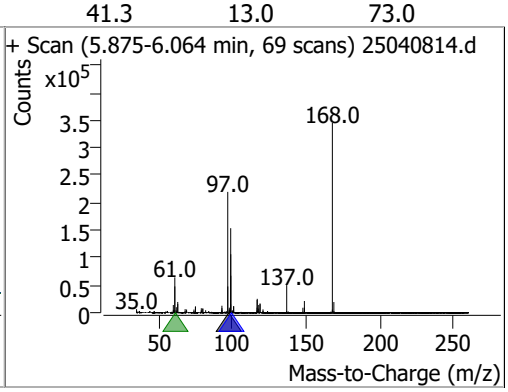




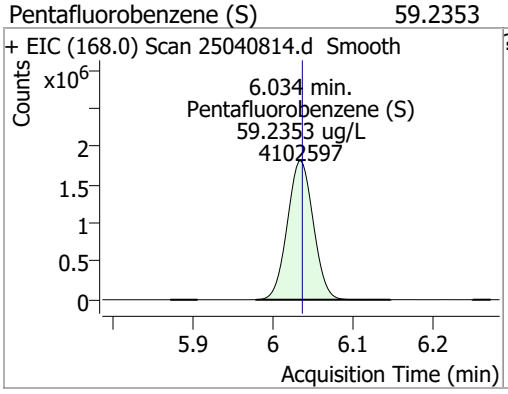
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	60.9584	5.94	0.00	3082713	99.0	58.0	29.6	89.6
					61.0	41.3	13.0	73.0

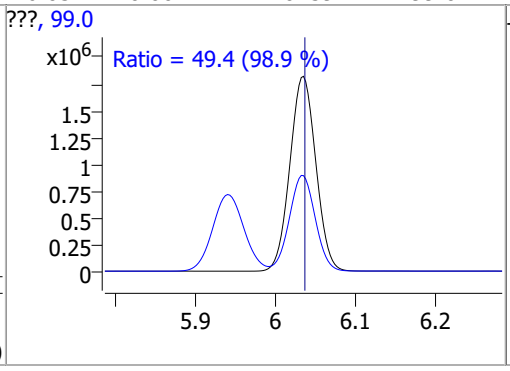


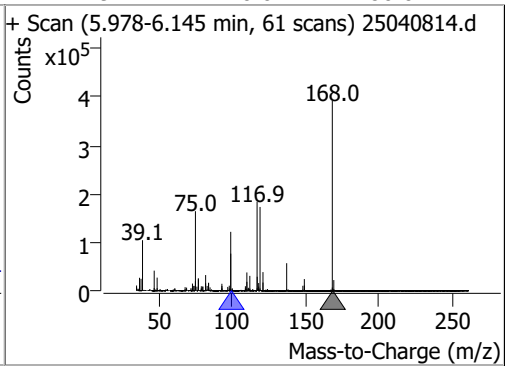




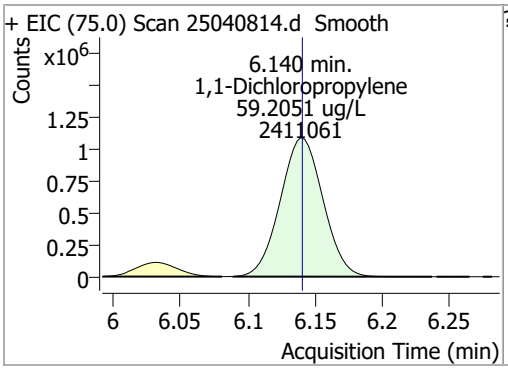
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Pentafluorobenzene (S)	59.2353	6.03	0.00	4102597	99.0	49.4	20.0	80.0

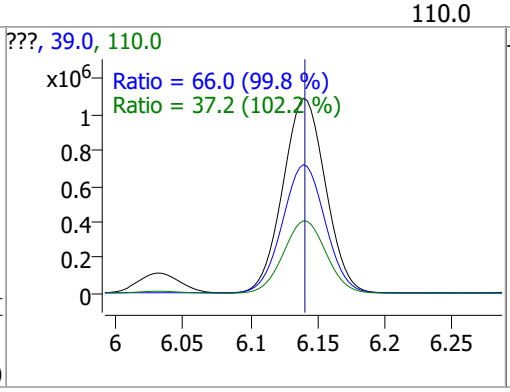


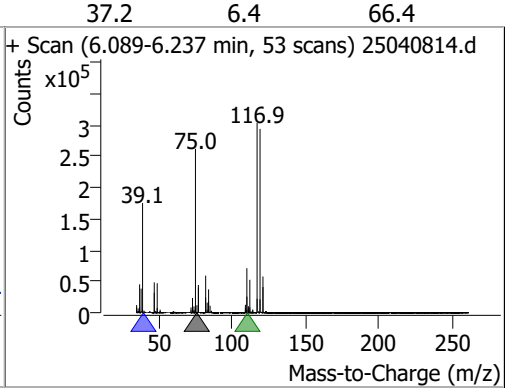




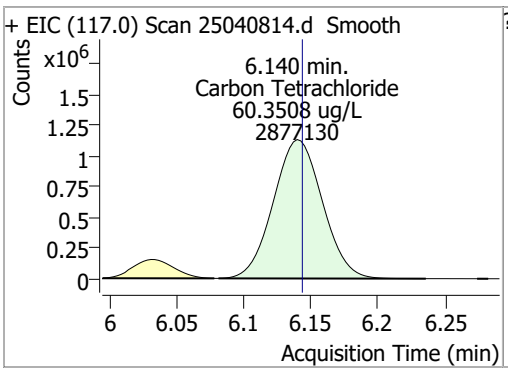
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropylene	59.2051	6.14	0.00	2411061	39.0	66.0	36.1	96.1
					110.0	37.2	6.4	66.4

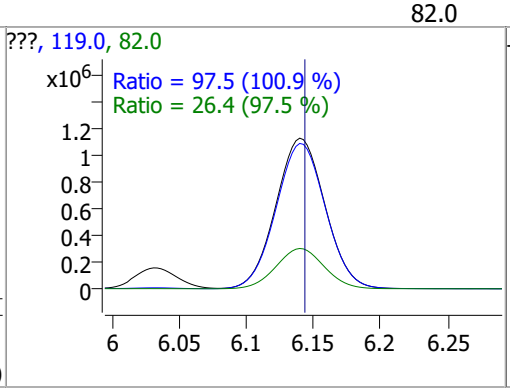


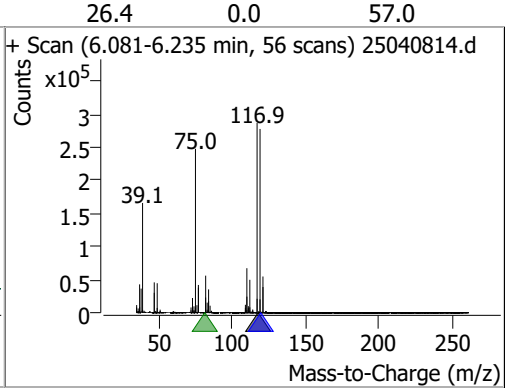




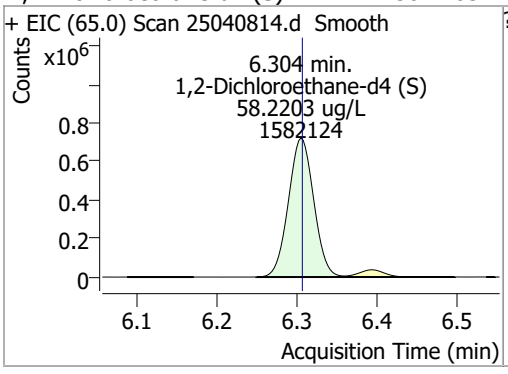
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon Tetrachloride	60.3508	6.14	0.00	2877130	119.0	97.5	66.7	126.7
					82.0	26.4	0.0	57.0

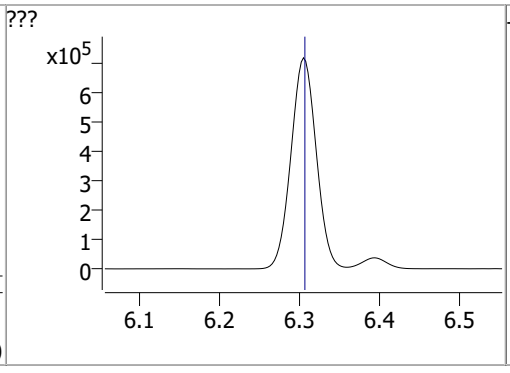


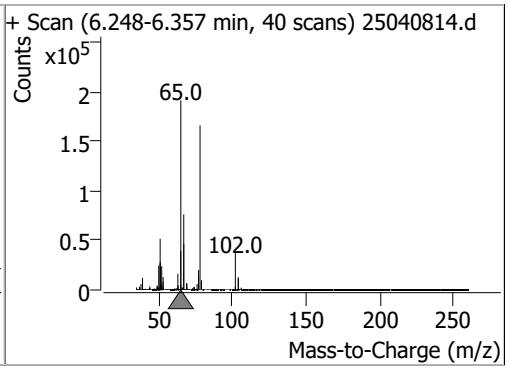




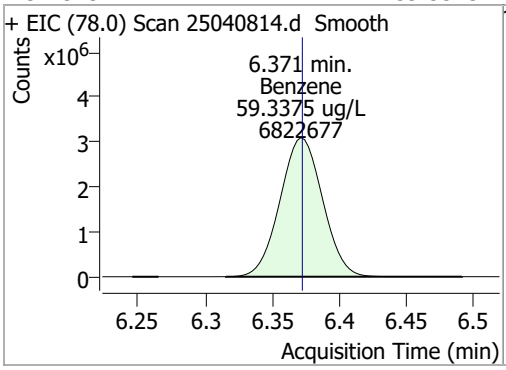
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4 (S)	58.2203	6.30	0.00	1582124				

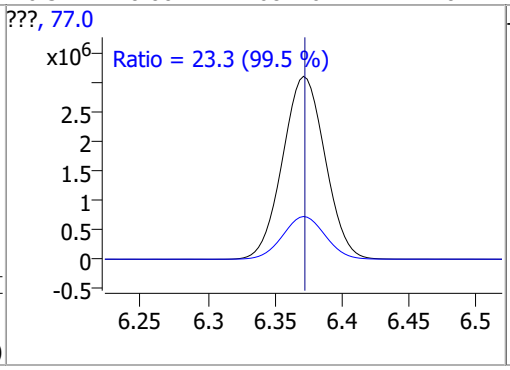


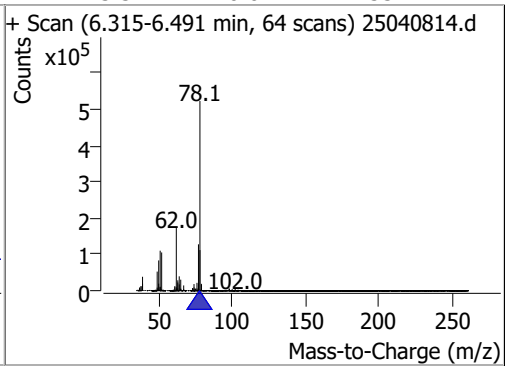




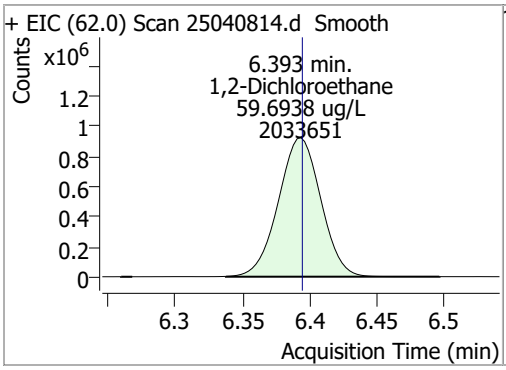
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	59.3375	6.37	0.00	6822677	77.0	23.3	0.0	53.4

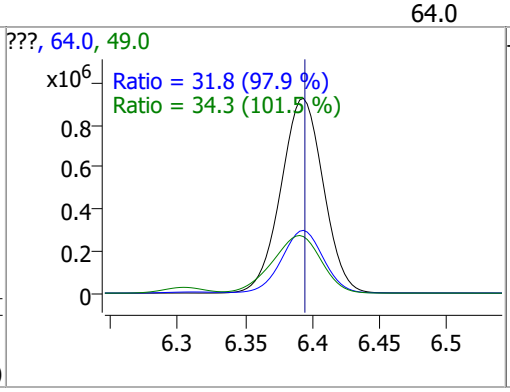


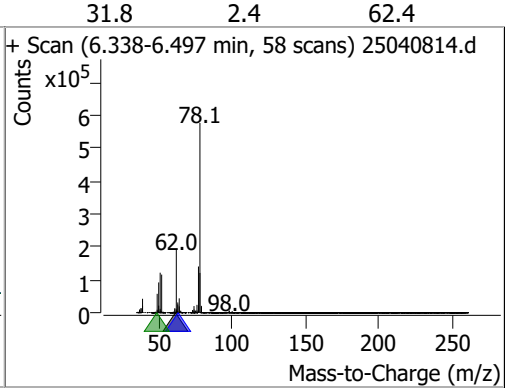




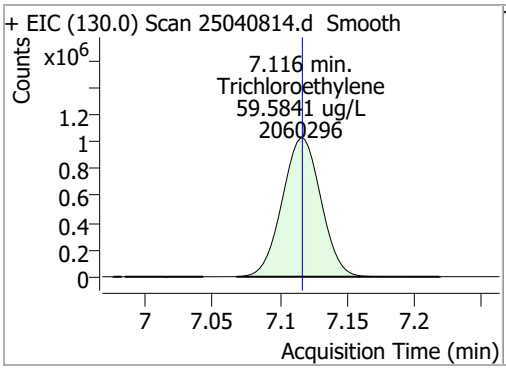
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	59.6938	6.39	0.00	2033651	49.0	34.3	3.8	63.8
					64.0	31.8	2.4	62.4

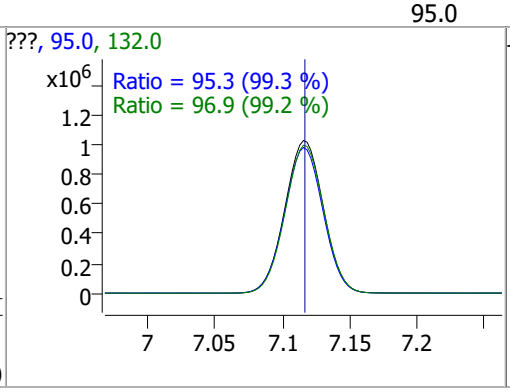


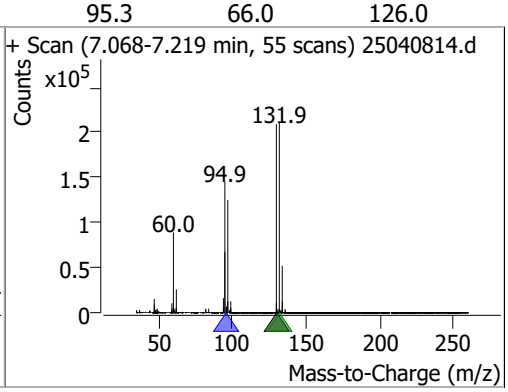




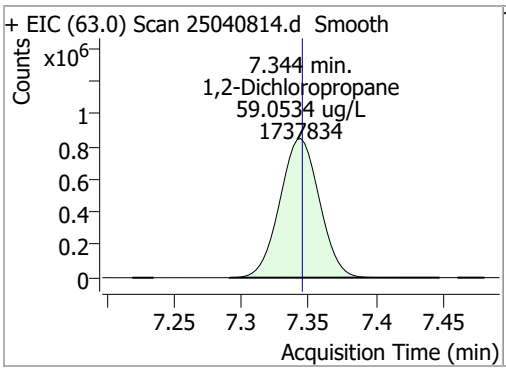
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethylene	59.5841	7.12	0.00	2060296	132.0	96.9	67.6	127.6
					95.0	95.3	66.0	126.0

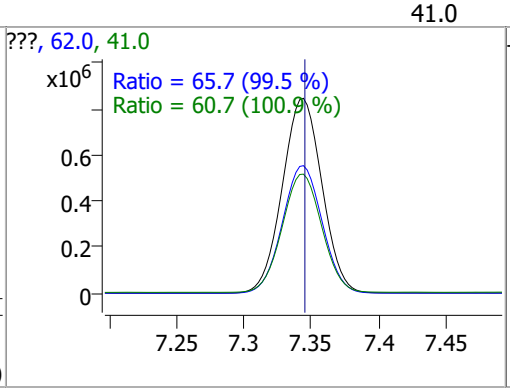


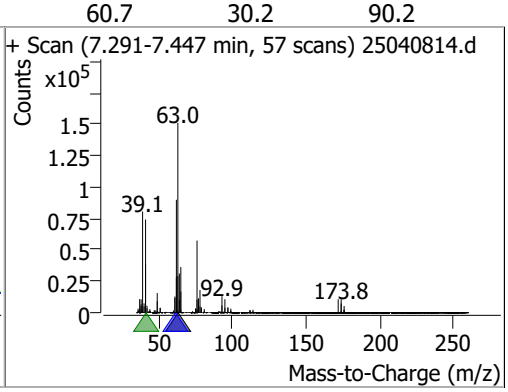




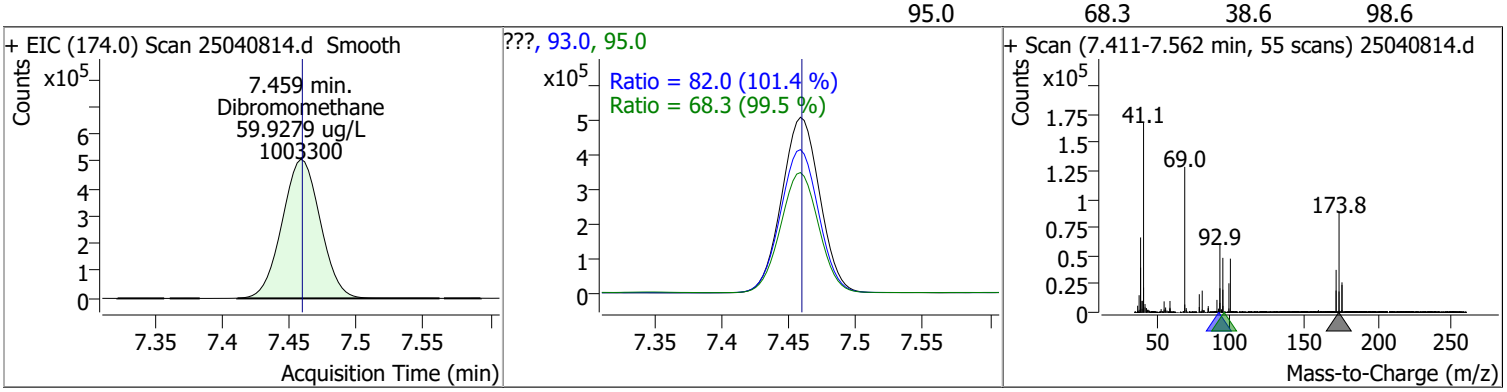
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	59.0534	7.34	0.00	1737834	62.0	65.7	36.0	96.0
					41.0	60.7	30.2	90.2



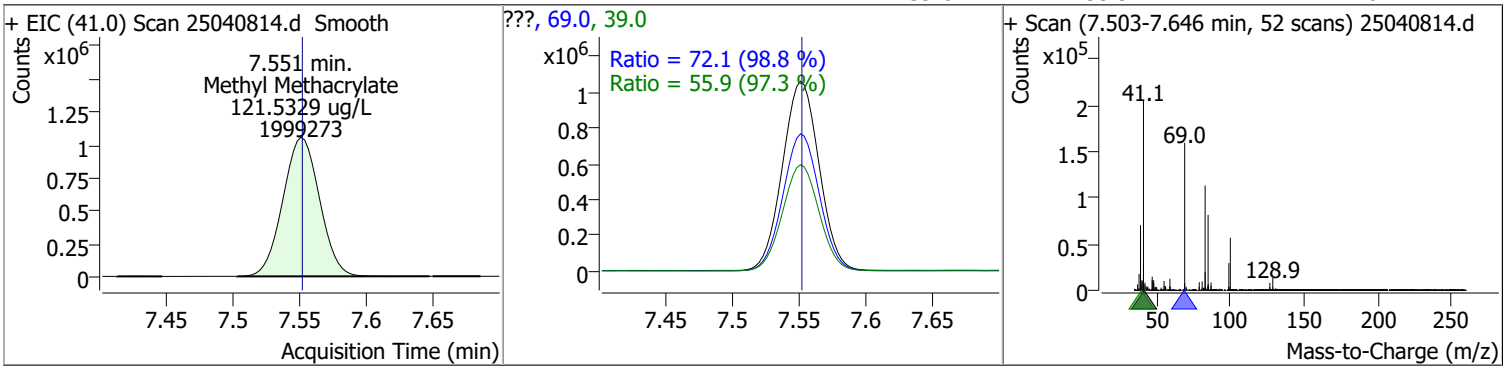




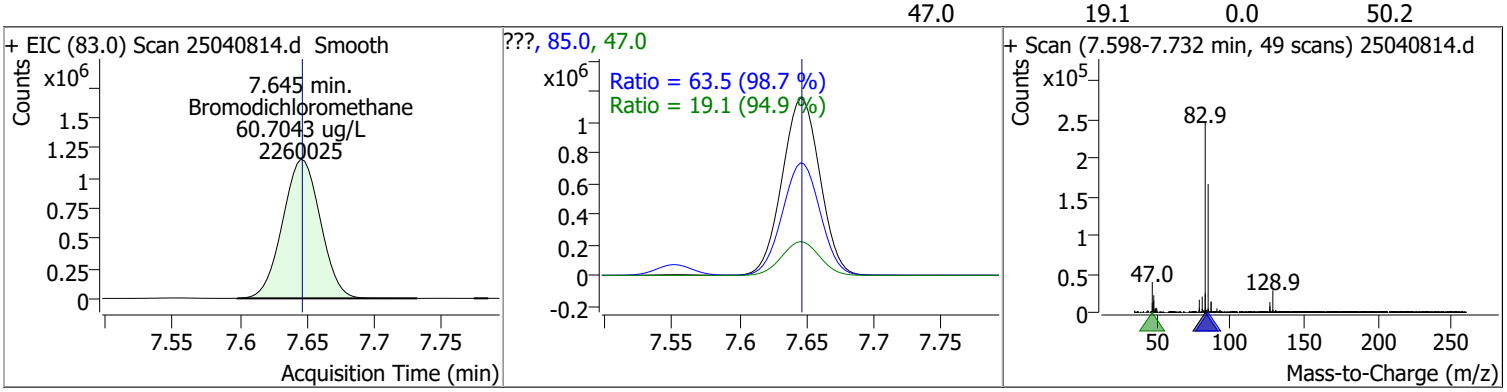
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	59.9279	7.46	0.00	1003300	93.0	82.0	50.9	110.9
					95.0	68.3	38.6	98.6



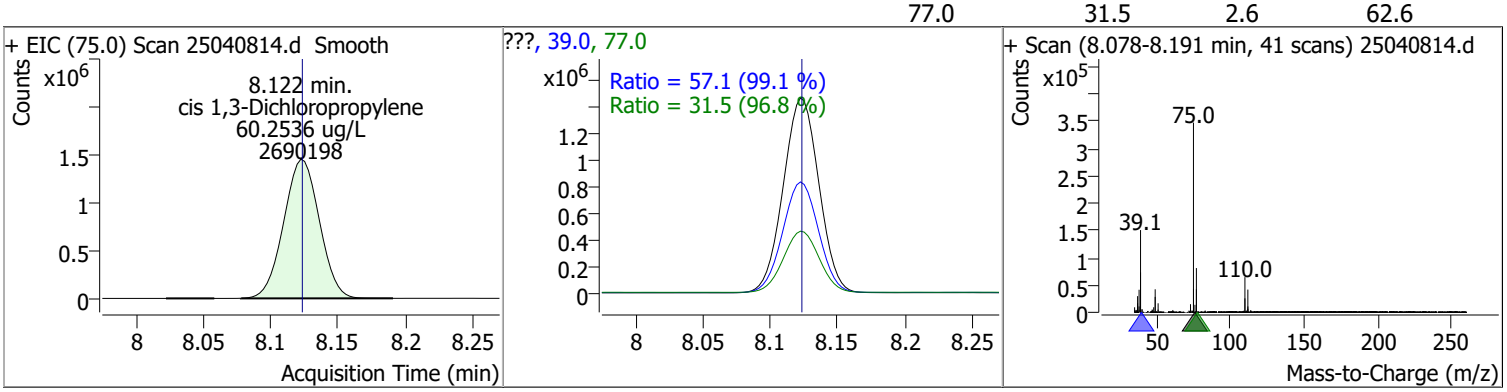
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl Methacrylate	121.5329	7.55	0.00	1999273	69.0	72.1	42.9	102.9
					39.0	55.9	27.4	87.4



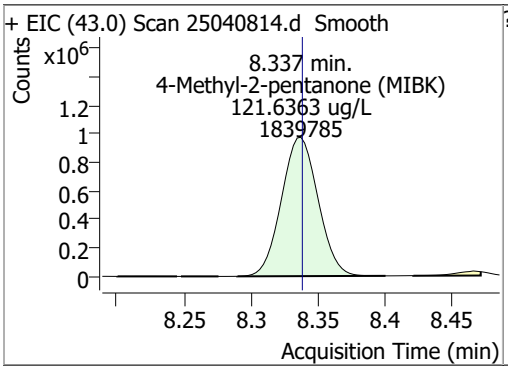
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	60.7043	7.65	0.00	2260025	85.0	63.5	34.4	94.4
					47.0	19.1	0.0	50.2

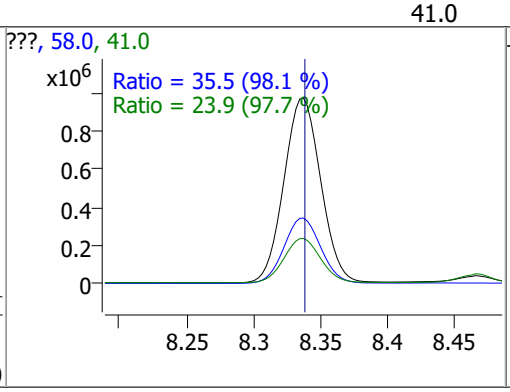


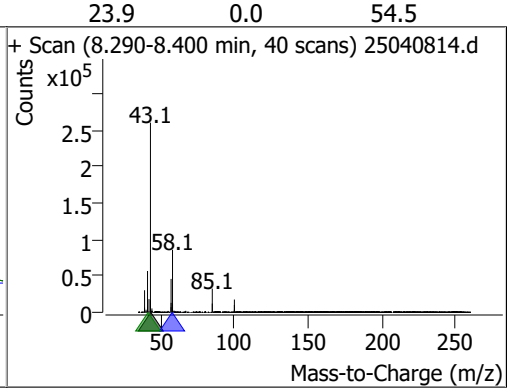
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis 1,3-Dichloropropylene	60.2536	8.12	0.00	2690198	39.0	57.1	27.6	87.6
					77.0	31.5	2.6	62.6



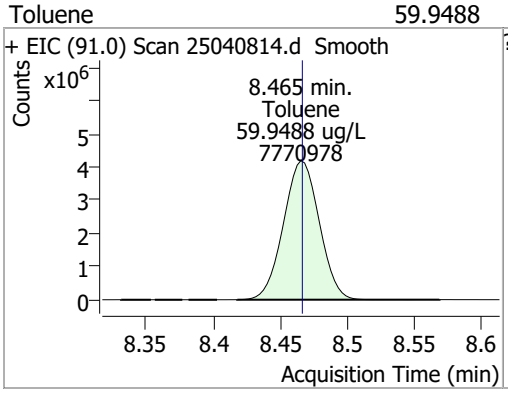
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Methyl-2-pentanone (MIBK)	121.6363	8.34	0.00	1839785	58.0	35.5	6.2	66.2
					41.0	23.9	0.0	54.5

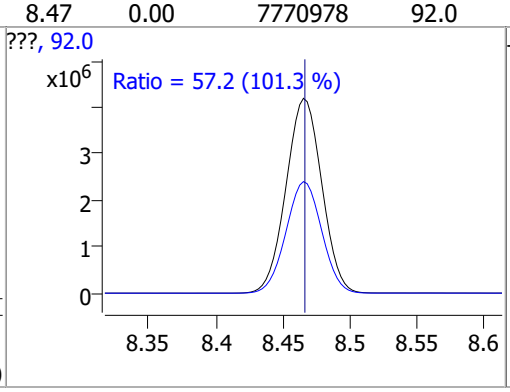


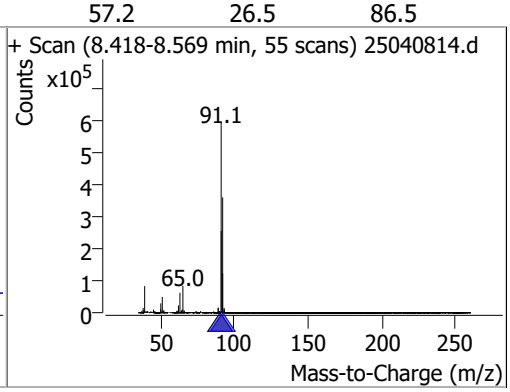




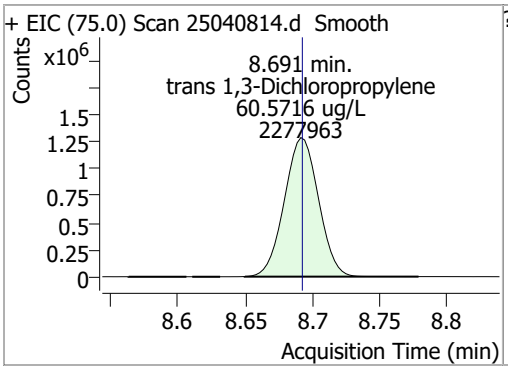
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	59.9488	8.47	0.00	7770978	92.0	57.2	26.5	86.5

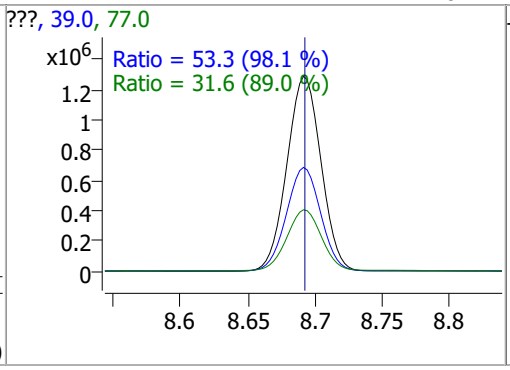


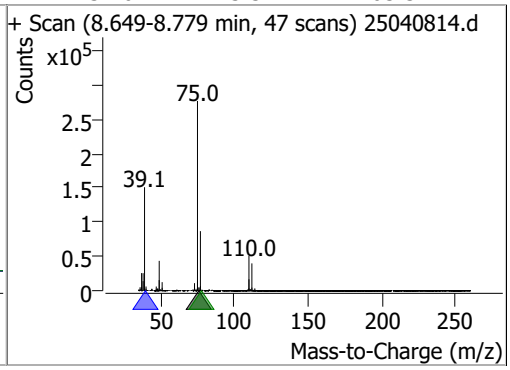




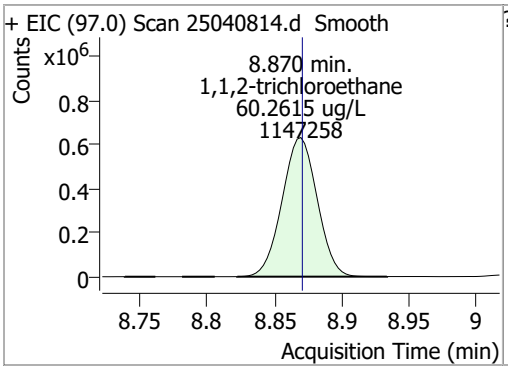
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans 1,3-Dichloropropylene	60.5716	8.69	0.00	2277963	39.0	53.3	24.3	84.3
					77.0	31.6	5.5	65.5

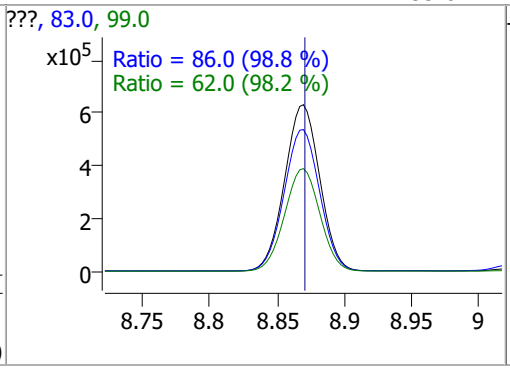


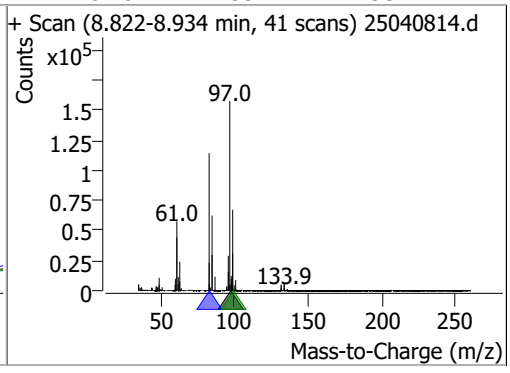




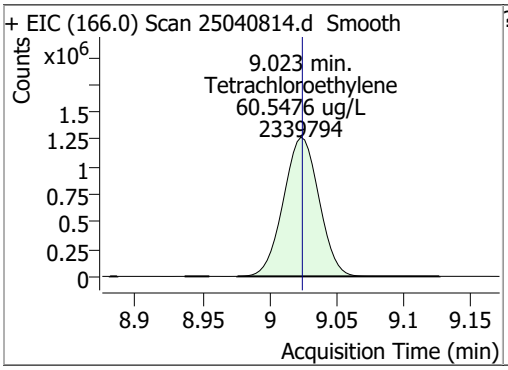
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-trichloroethane	60.2615	8.87	0.00	1147258	83.0	86.0	57.0	117.0
					99.0	62.0	33.1	93.1

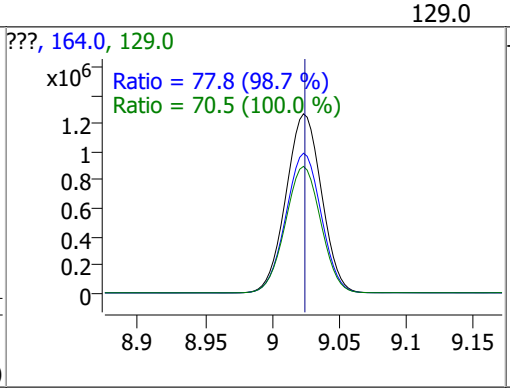


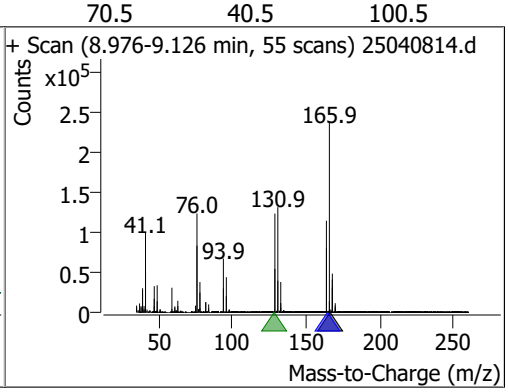




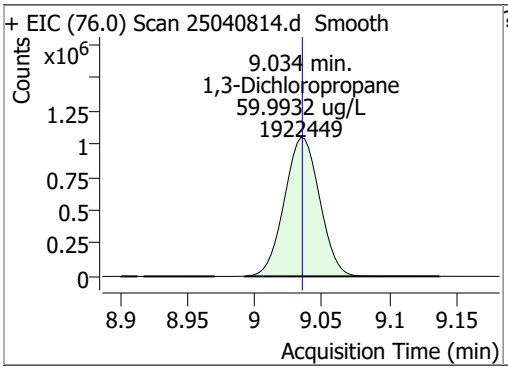
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethylene	60.5476	9.02	0.00	2339794	164.0	77.8	48.9	108.9
					129.0	70.5	40.5	100.5

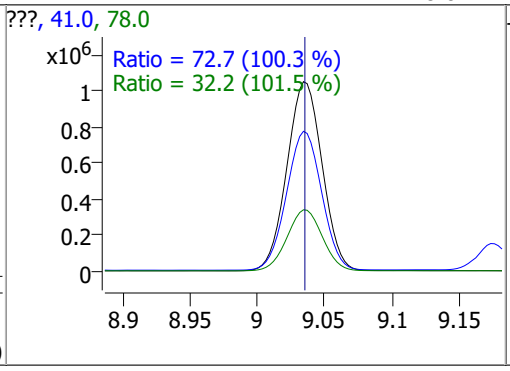


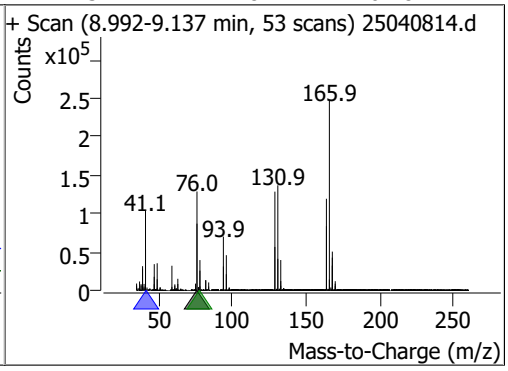




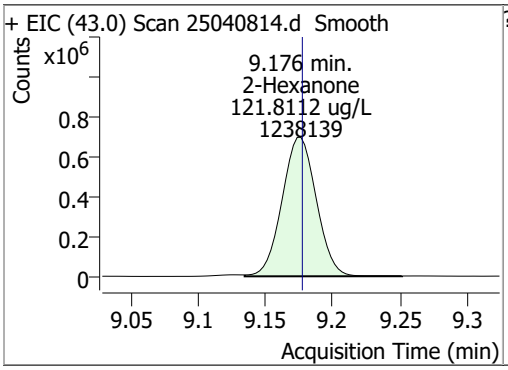
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	59.9932	9.03	0.00	1922449	41.0	72.7	42.5	102.5
					78.0	32.2	1.8	61.8

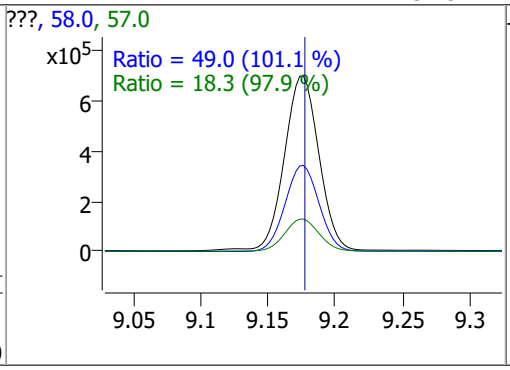


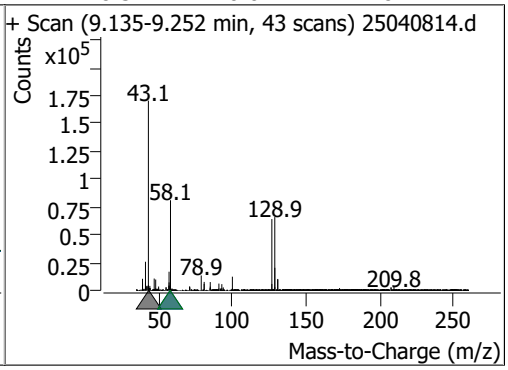




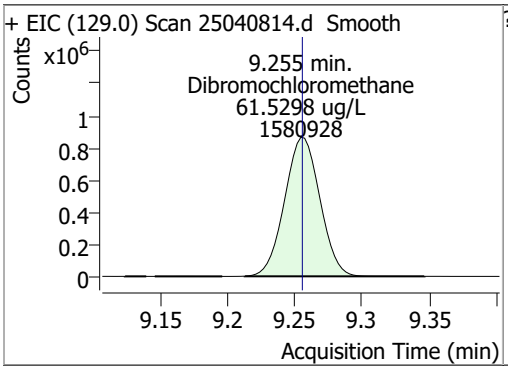
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Hexanone	121.8112	9.18	0.00	1238139	58.0	49.0	18.4	78.4
					57.0	18.3	0.0	48.7

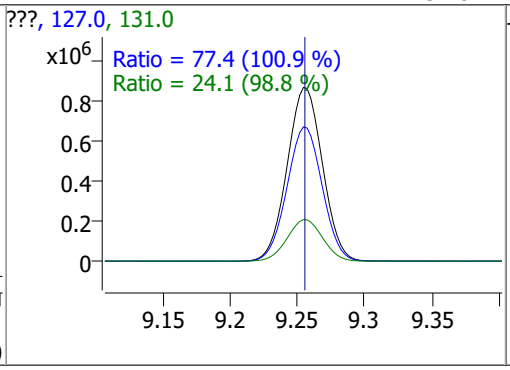


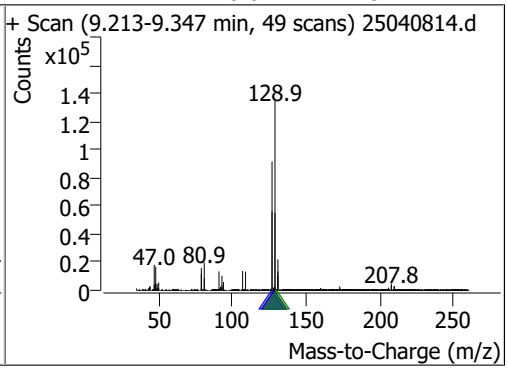




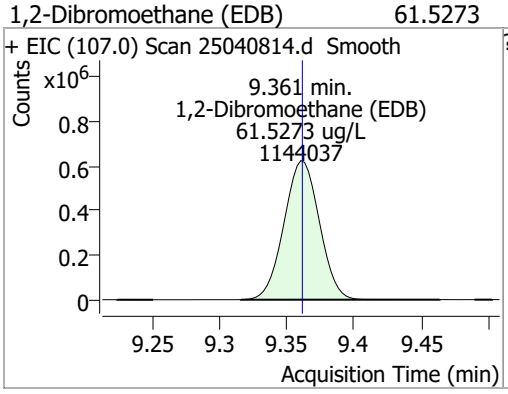
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromochloromethane	61.5298	9.25	0.00	1580928	127.0	77.4	46.7	106.7
					131.0	24.1	0.0	54.4

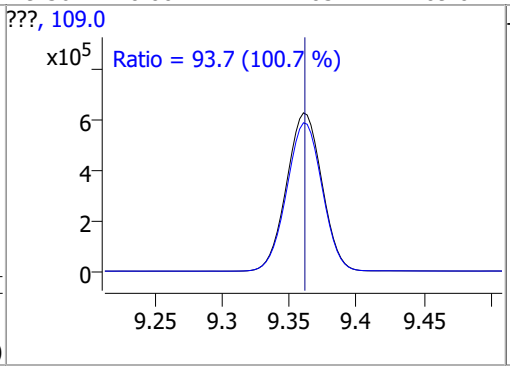


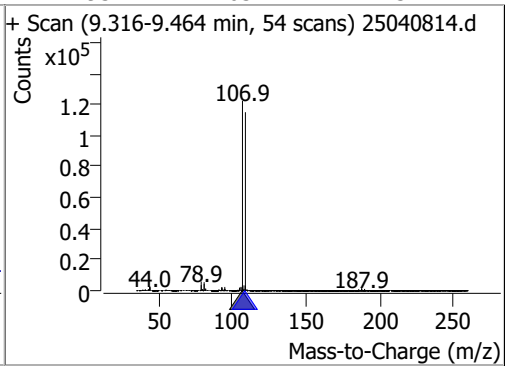




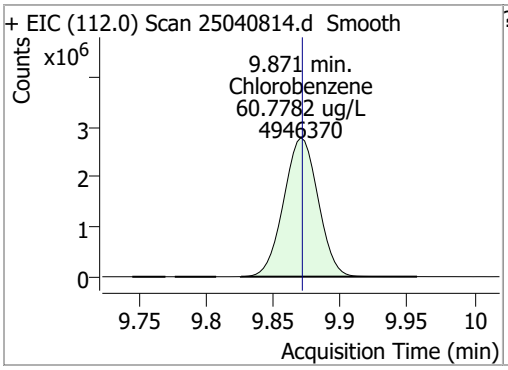
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane (EDB)	61.5273	9.36	0.00	1144037	109.0	93.7	63.1	123.1

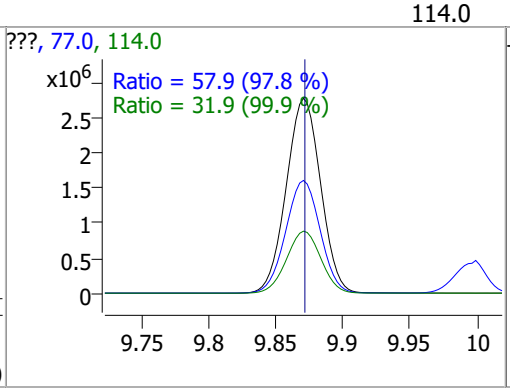


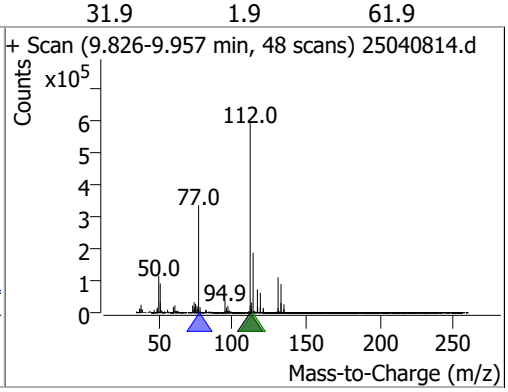




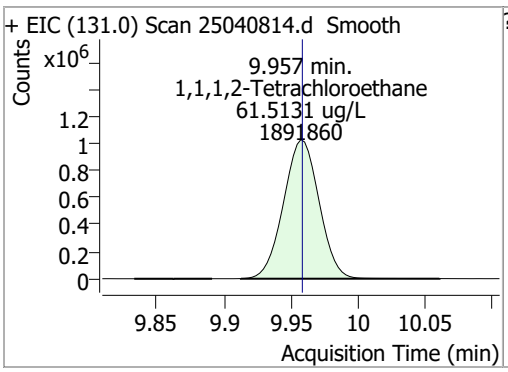
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	60.7782	9.87	0.00	4946370	77.0	57.9	29.3	89.3
					114.0	31.9	1.9	61.9

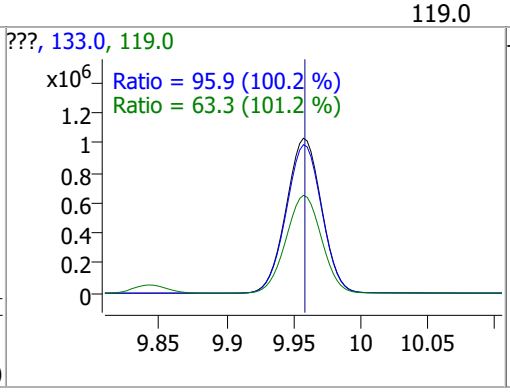


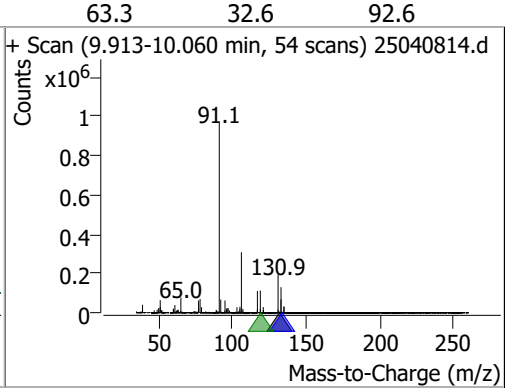




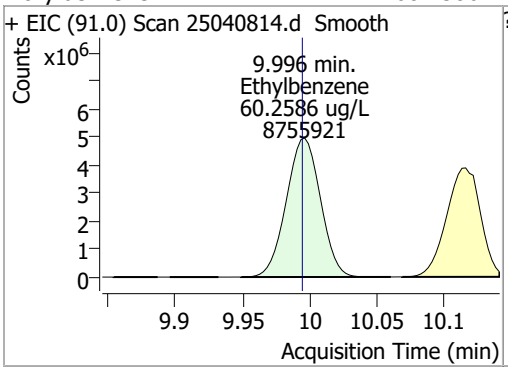
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	61.5131	9.96	0.00	1891860	133.0	95.9	65.7	125.7
					119.0	63.3	32.6	92.6

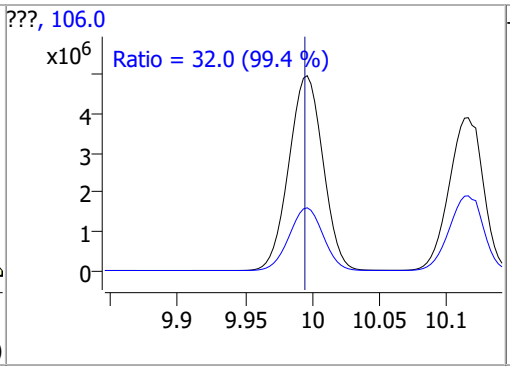


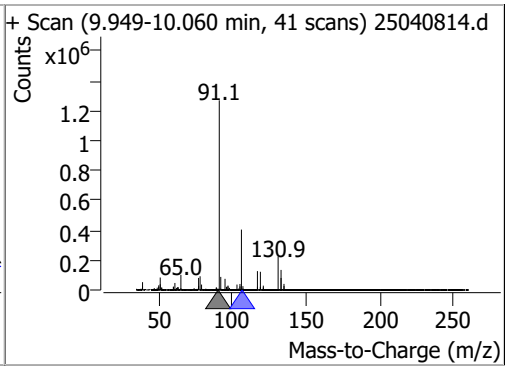




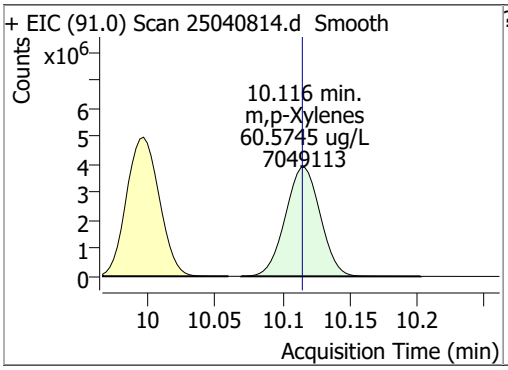
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	60.2586	10.00	0.00	8755921	106.0	32.0	2.2	62.2

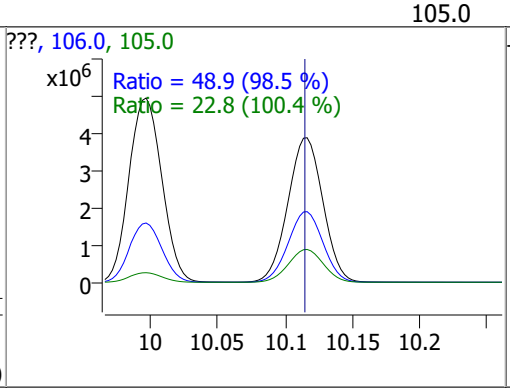


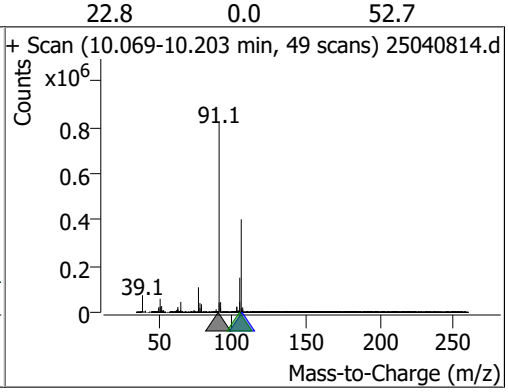




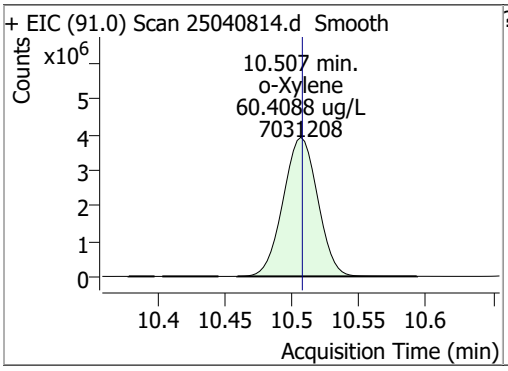
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m,p-Xylenes	60.5745	10.12	0.00	7049113	106.0	48.9	19.6	79.6
					105.0	22.8	0.0	52.7

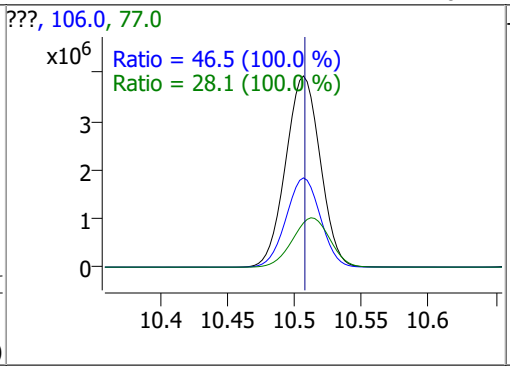


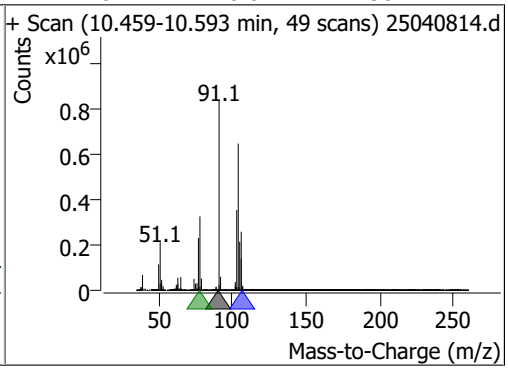




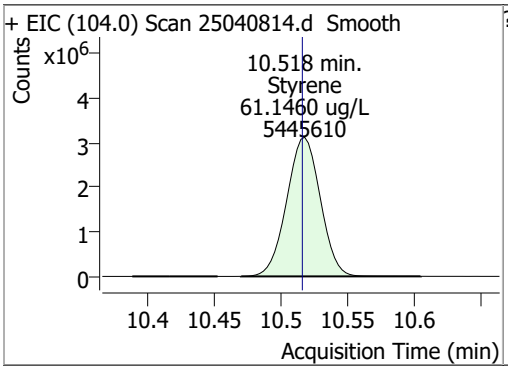
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	60.4088	10.51	0.00	7031208	106.0	46.5	16.5	76.5
					77.0	28.1	0.0	58.1

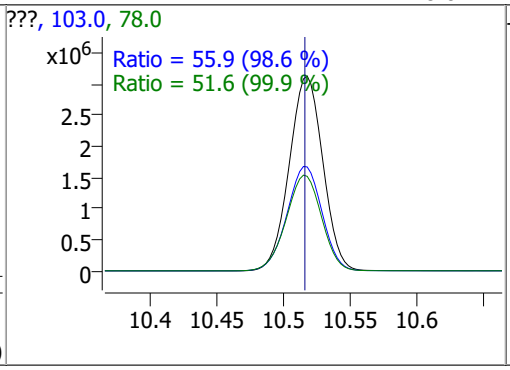


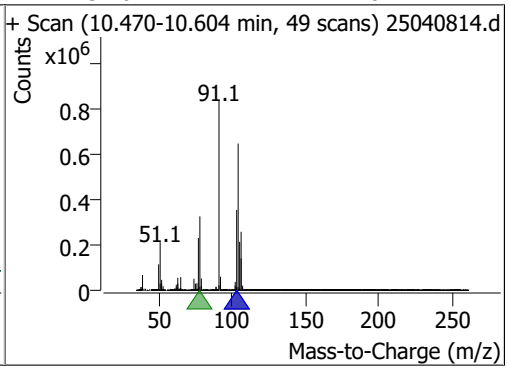




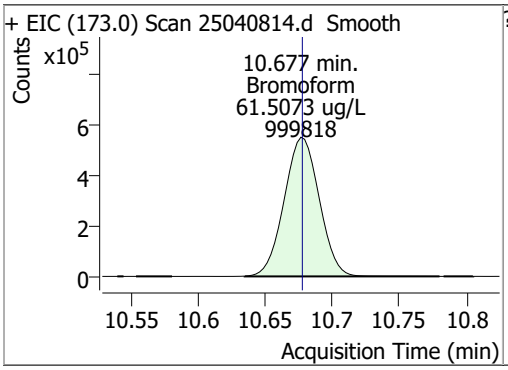
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	61.1460	10.52	0.00	5445610	103.0	55.9	26.7	86.7
					78.0	51.6	21.7	81.7

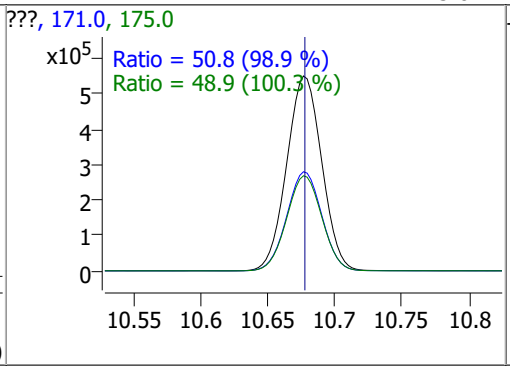


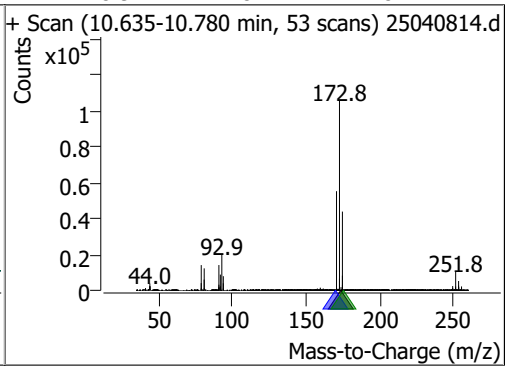




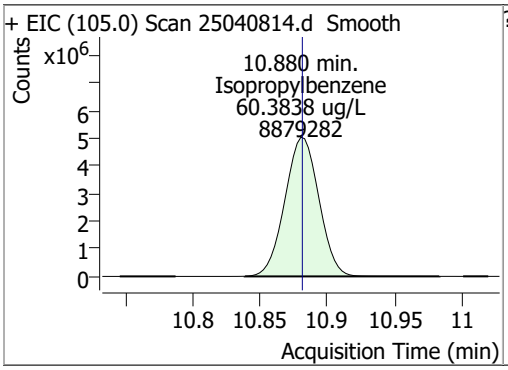
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	61.5073	10.68	0.00	999818	171.0	50.8	21.4	81.4
					175.0	48.9	18.7	78.7

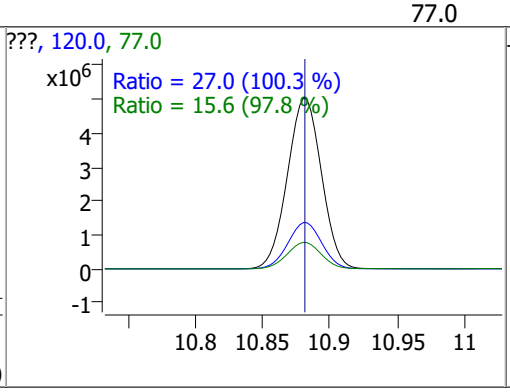


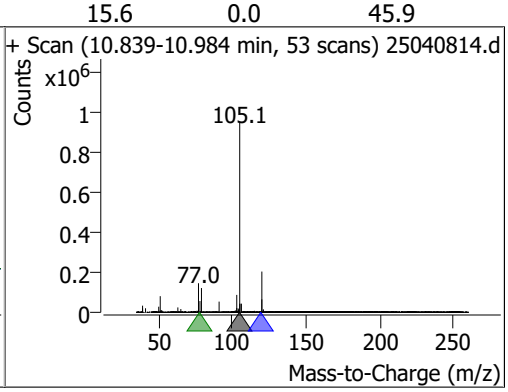




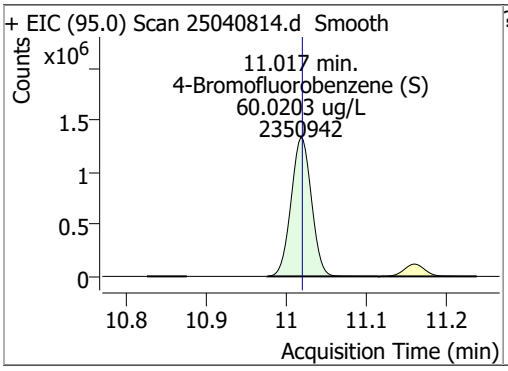
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Isopropylbenzene	60.3838	10.88	0.00	8879282	120.0	27.0	0.0	56.9
					77.0	15.6	0.0	45.9

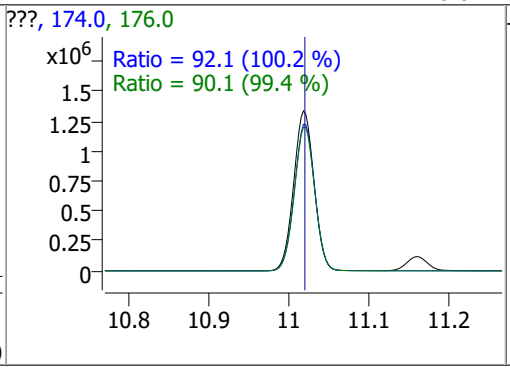


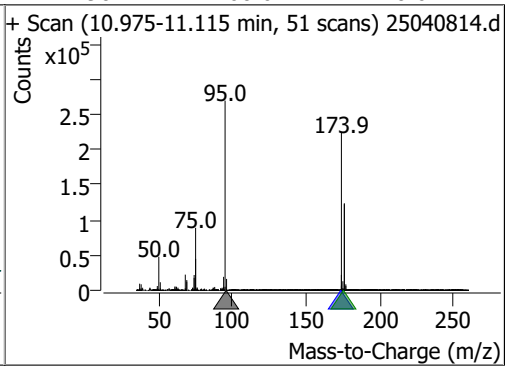




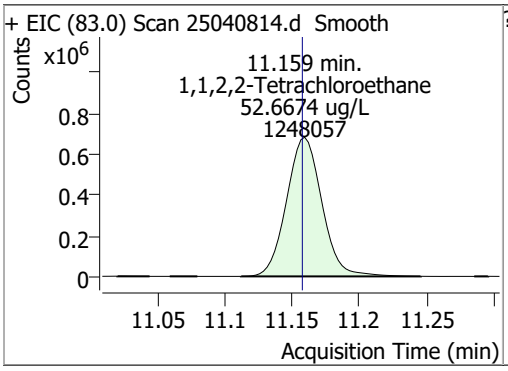
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Bromofluorobenzene (S)	60.0203	11.02	0.00	2350942	174.0	92.1	61.9	121.9
					176.0	90.1	60.6	120.6

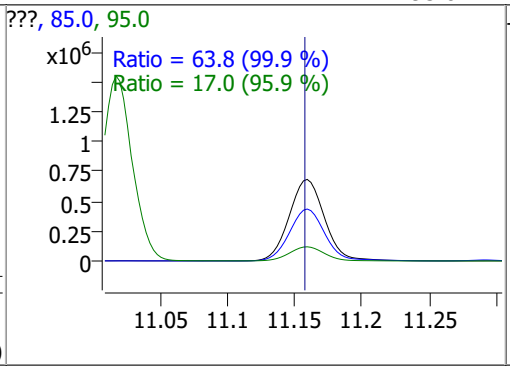


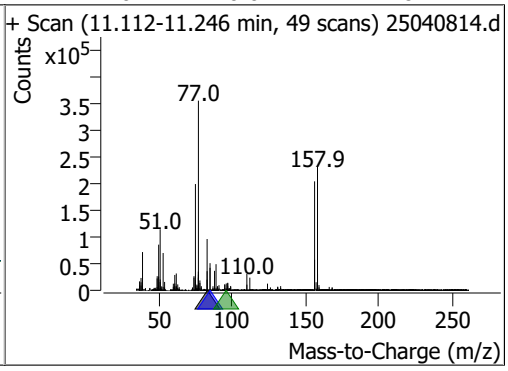




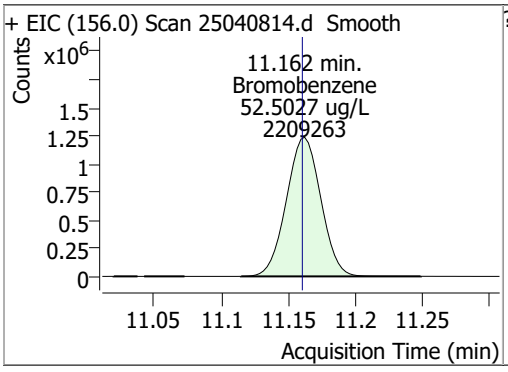
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	52.6674	11.16	0.00	1248057	85.0	63.8	33.9	93.9
					95.0	17.0	0.0	47.8

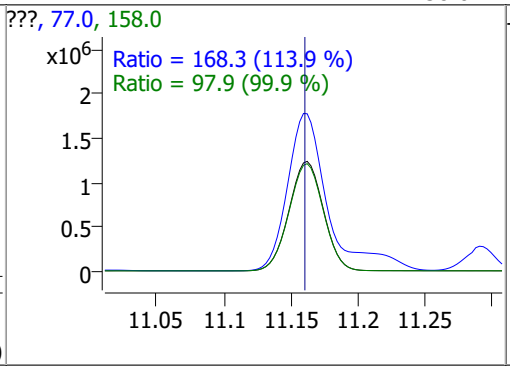


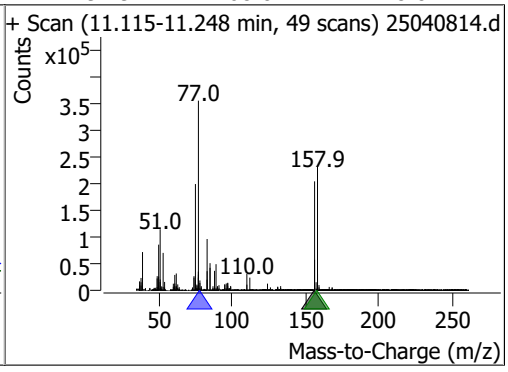




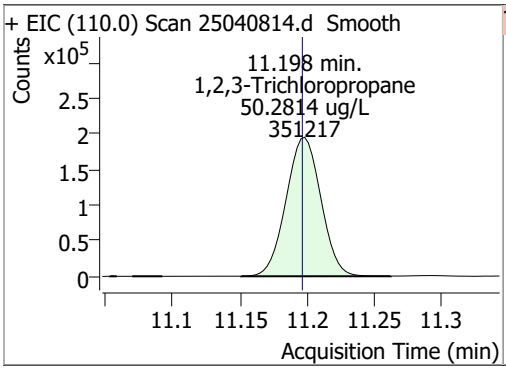
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	52.5027	11.16	0.00	2209263	77.0	168.3	117.8	177.8
					158.0	97.9	68.0	128.0

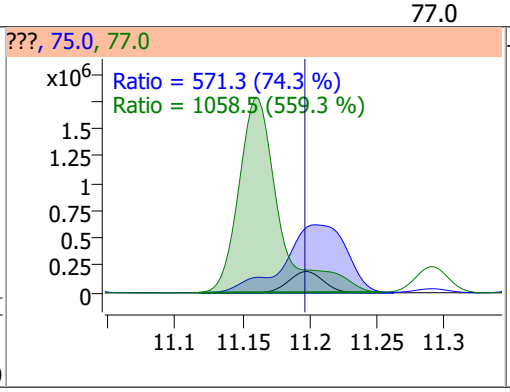


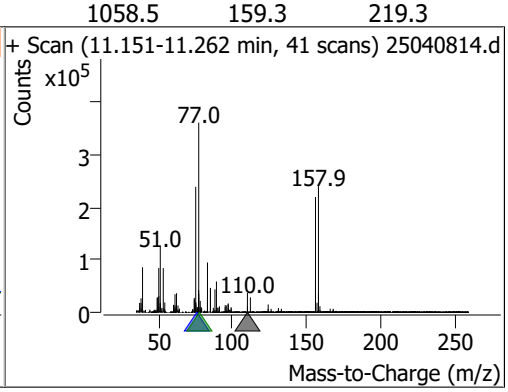




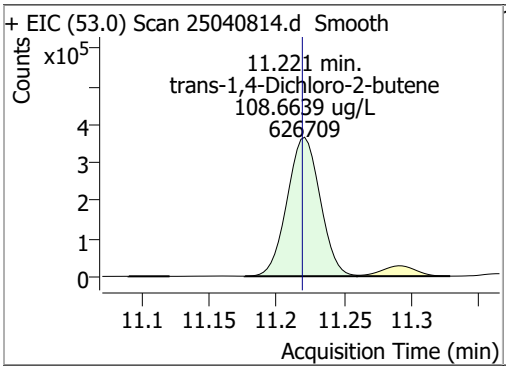
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	50.2814	11.20	0.00	351217	75.0	571.3	738.8	798.8
					77.0	1058.5	159.3	219.3

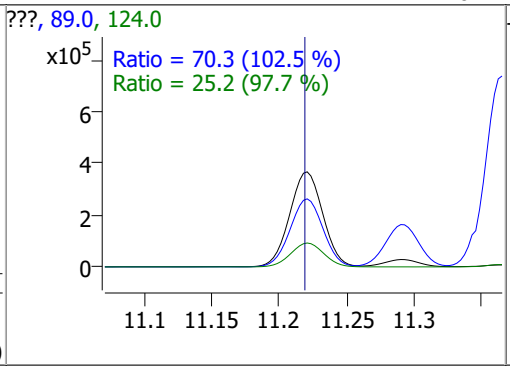


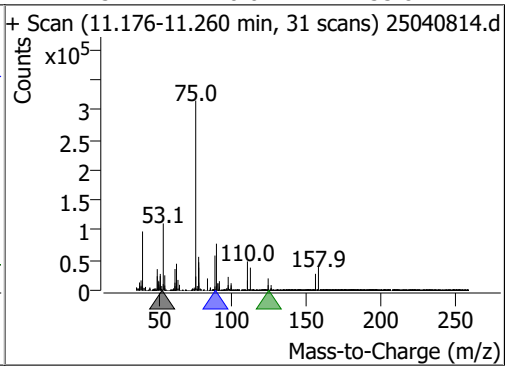




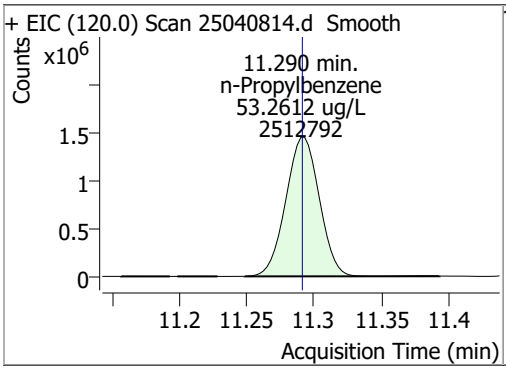
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,4-Dichloro-2-butene	108.6639	11.22	0.00	626709	89.0	70.3	38.6	98.6
					124.0	25.2	0.0	55.8

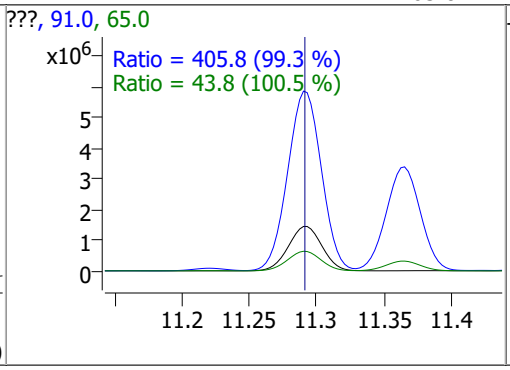


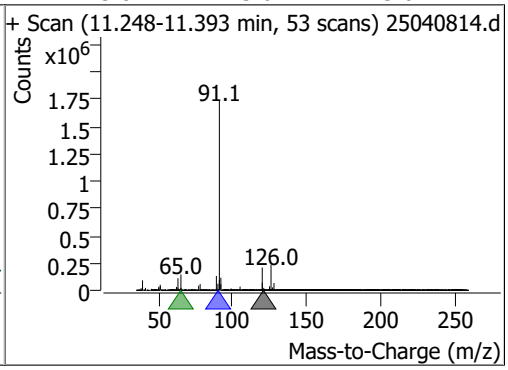




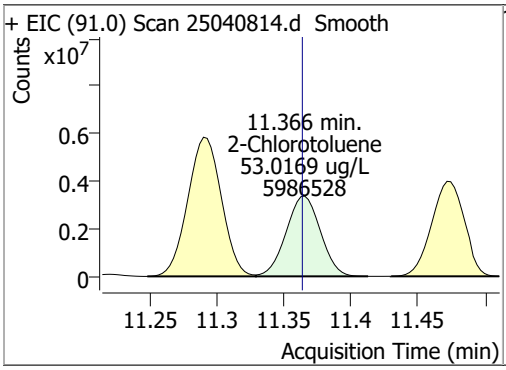
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Propylbenzene	53.2612	11.29	0.00	2512792	91.0	405.8	378.8	438.8
					65.0	43.8	13.6	73.6

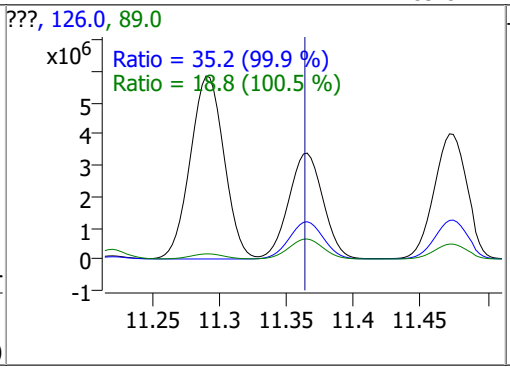


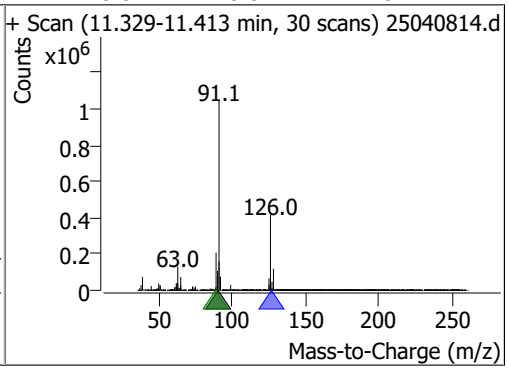




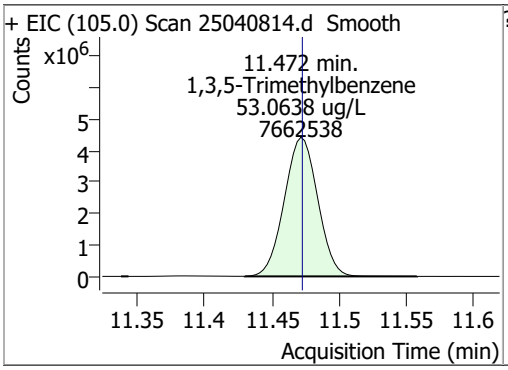
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	53.0169	11.37	0.00	5986528	126.0	35.2	5.2	65.2
					89.0	18.8	0.0	48.7

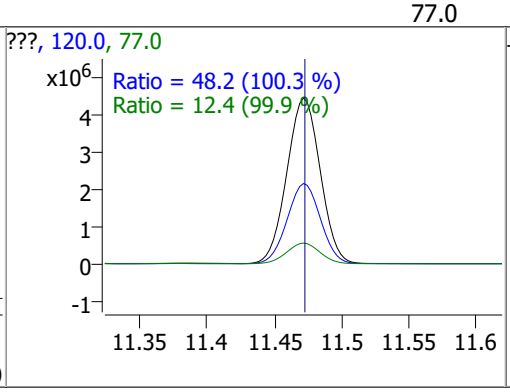


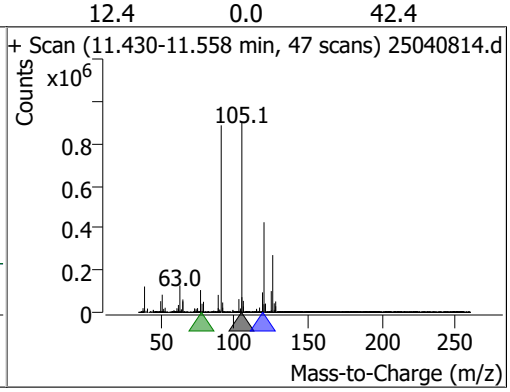




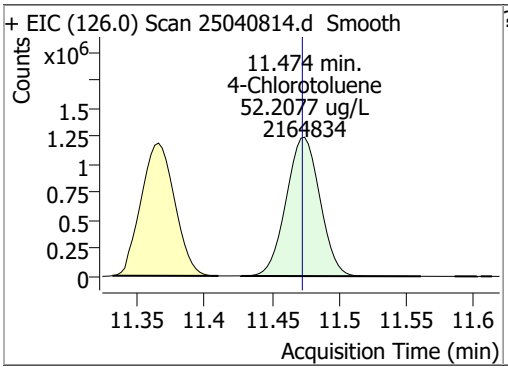
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3,5-Trimethylbenzene	53.0638	11.47	0.00	7662538	120.0	48.2	18.1	78.1
					77.0	12.4	0.0	42.4

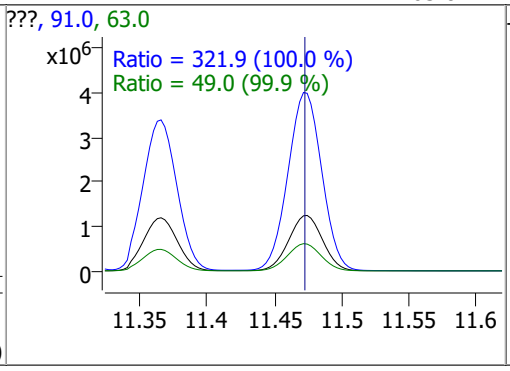


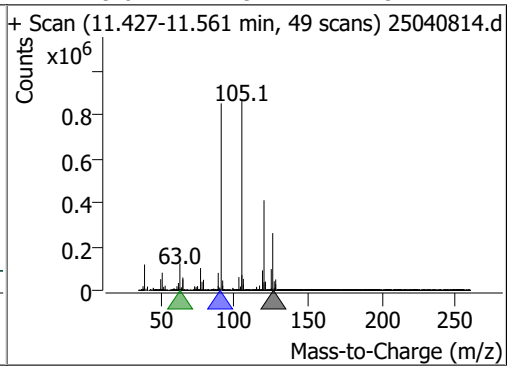




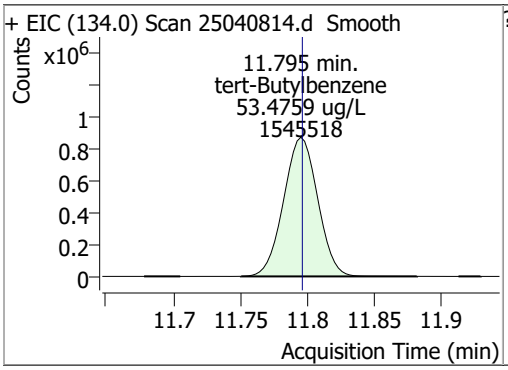
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	52.2077	11.47	0.00	2164834	91.0	321.9	291.7	351.7
					63.0	49.0	19.1	79.1

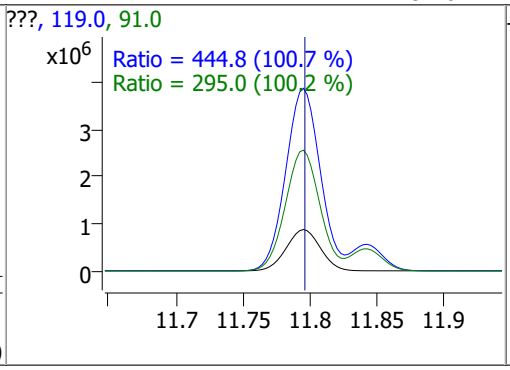


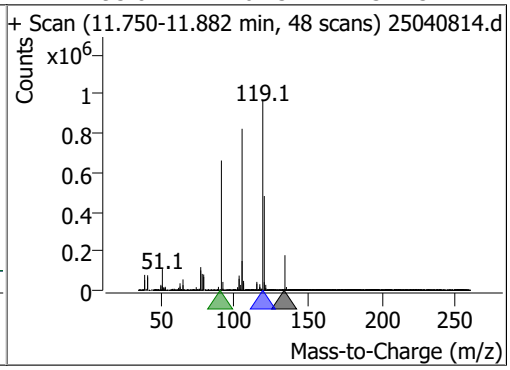




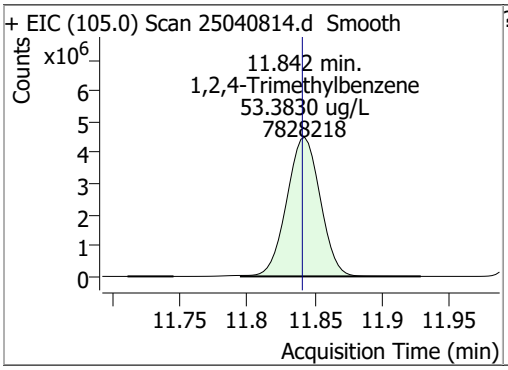
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
tert-Butylbenzene	53.4759	11.80	0.00	1545518	119.0	444.8	411.8	471.8
					91.0	295.0	264.5	324.5

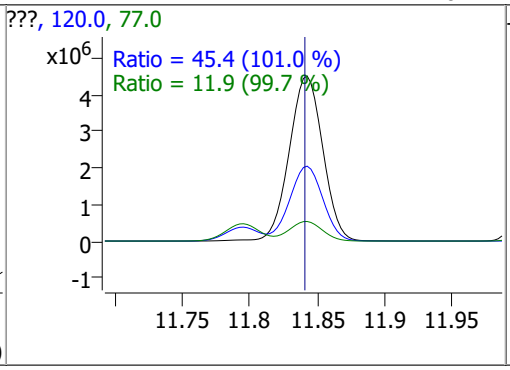


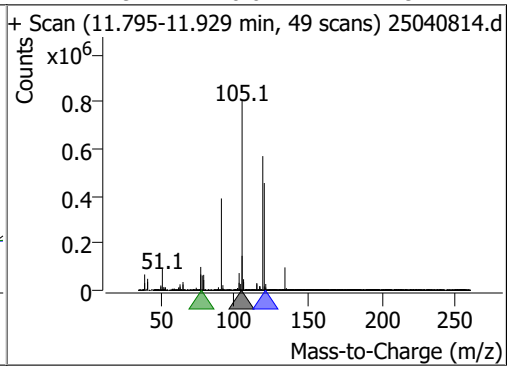




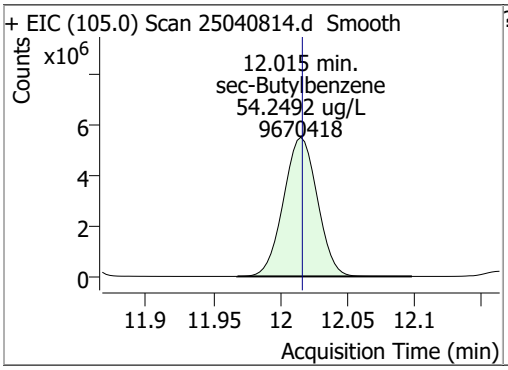
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trimethylbenzene	53.3830	11.84	0.00	7828218	120.0	45.4	15.0	75.0
					77.0	11.9	0.0	41.9

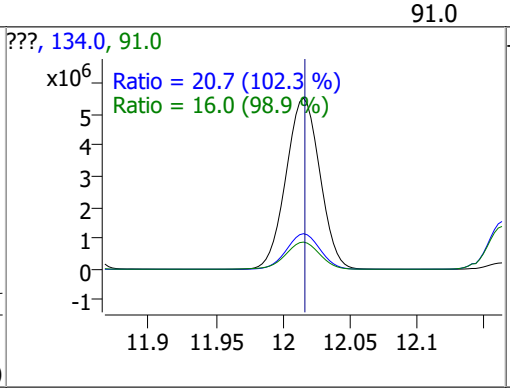


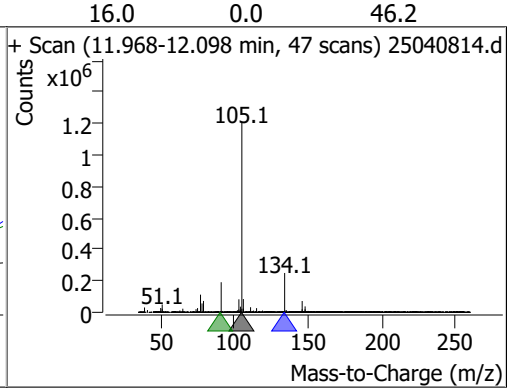




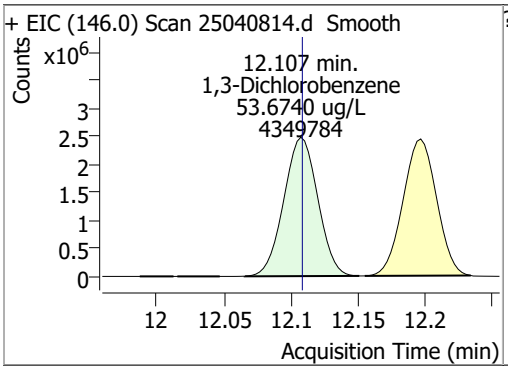
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
sec-Butylbenzene	54.2492	12.02	0.00	9670418	134.0	20.7	0.0	50.2
					91.0	16.0	0.0	46.2

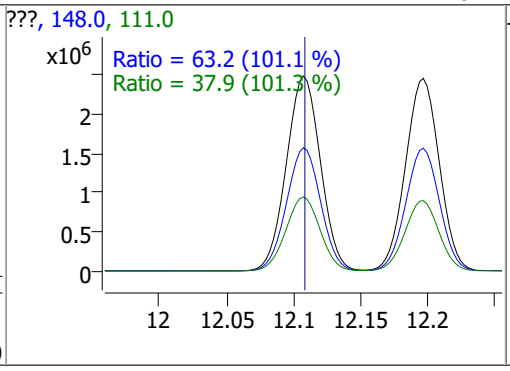


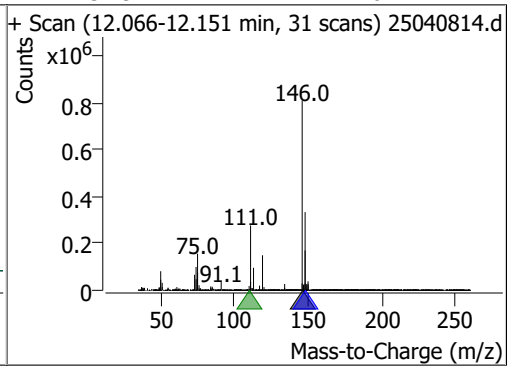




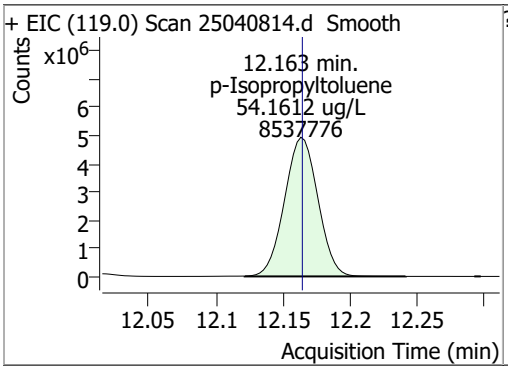
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	53.6740	12.11	0.00	4349784	148.0	63.2	32.5	92.5
					111.0	37.9	7.4	67.4

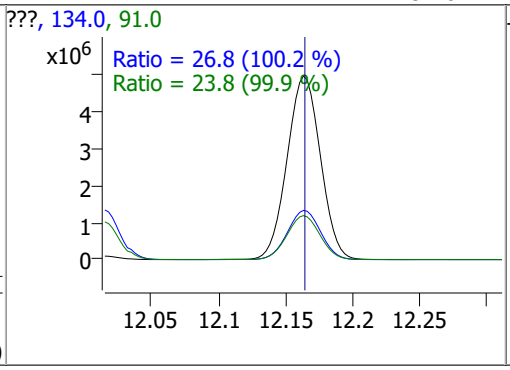


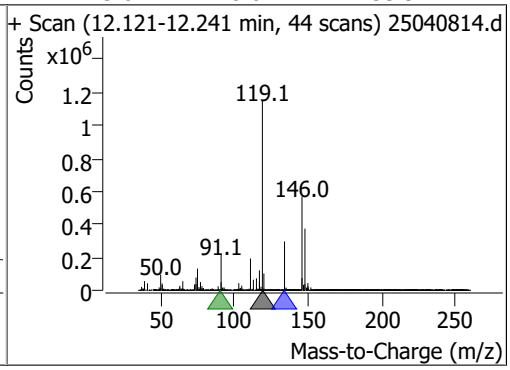




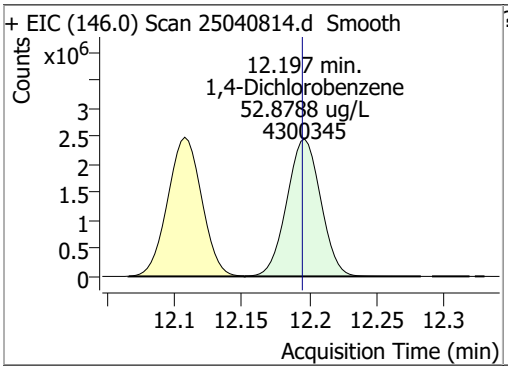
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Isopropyltoluene	54.1612	12.16	0.00	8537776	134.0	26.8	0.0	56.7
					91.0	23.8	0.0	53.9

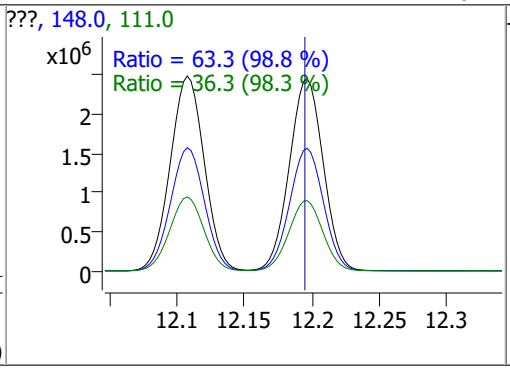


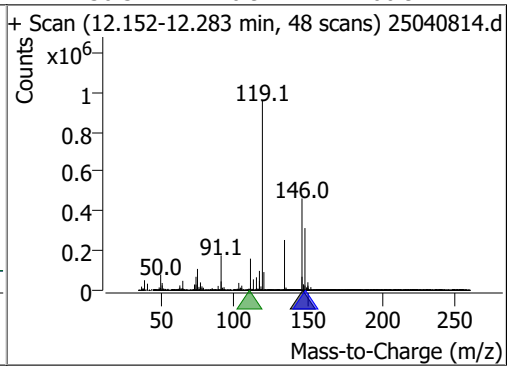




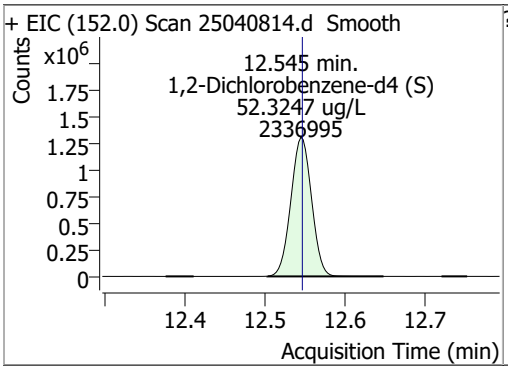
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	52.8788	12.20	0.00	4300345	148.0	63.3	34.1	94.1
					111.0	36.3	6.9	66.9

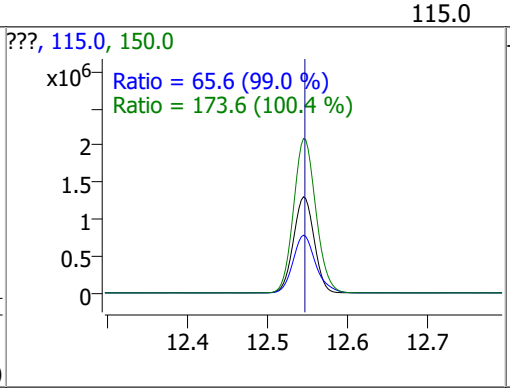


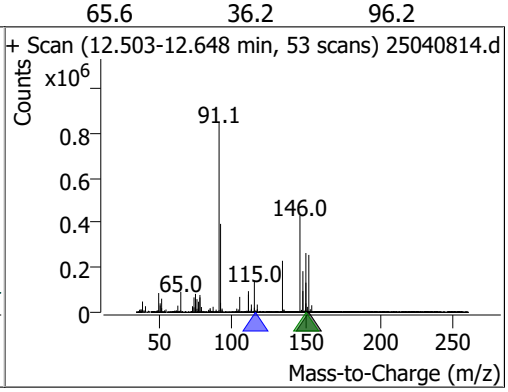




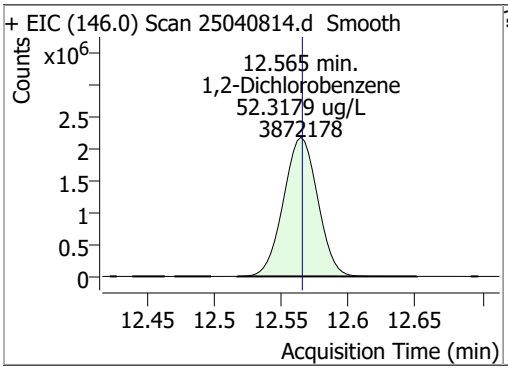
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene-d4 (S)	52.3247	12.55	0.00	2336995	150.0	173.6	142.9	202.9
					115.0	65.6	36.2	96.2

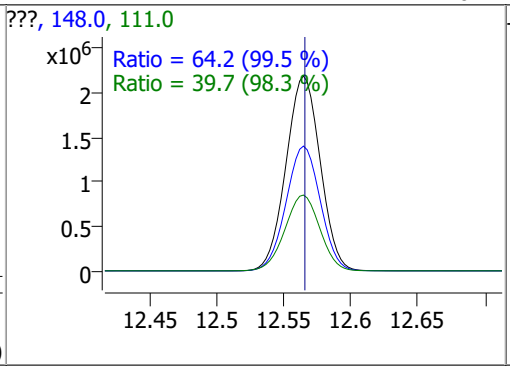


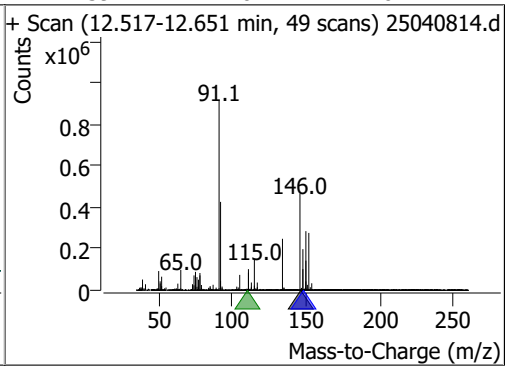




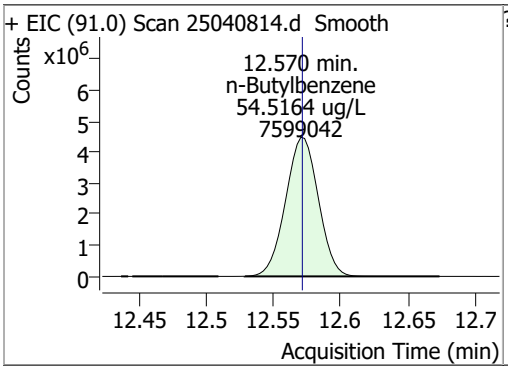
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	52.3179	12.56	0.00	3872178	148.0	64.2	34.5	94.5
					111.0	39.7	10.4	70.4

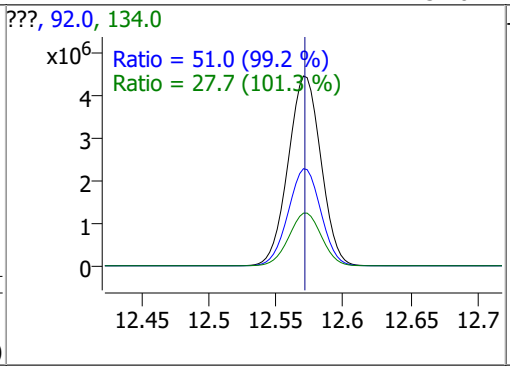


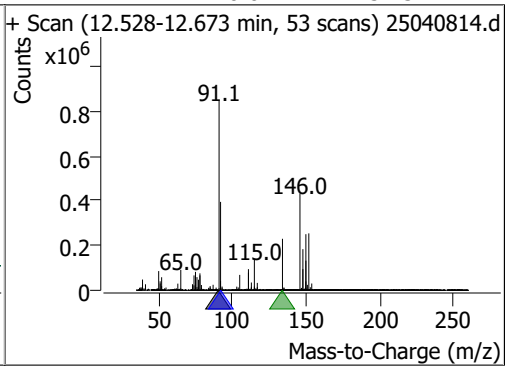




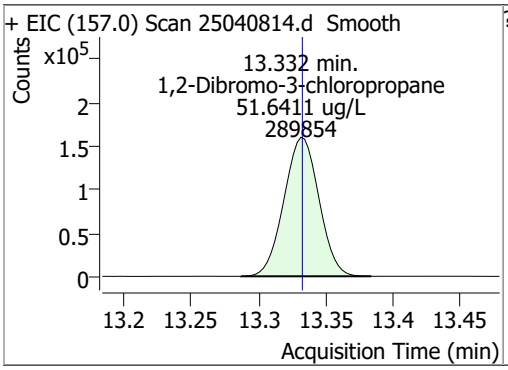
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
n-Butylbenzene	54.5164	12.57	0.00	7599042	92.0	51.0	21.5	81.5
					134.0	27.7	0.0	57.3

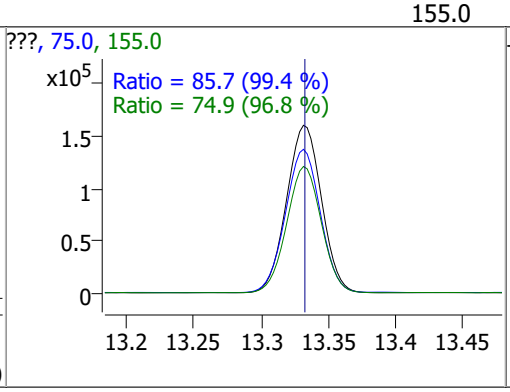


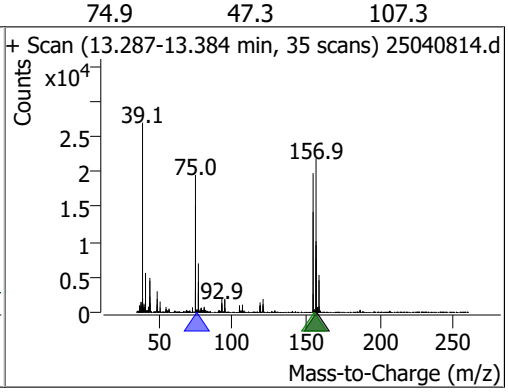




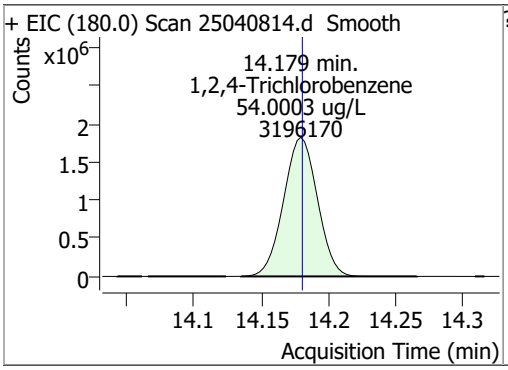
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromo-3-chloropropane	51.6411	13.33	0.00	289854	75.0	85.7	56.2	116.2
					155.0	74.9	47.3	107.3

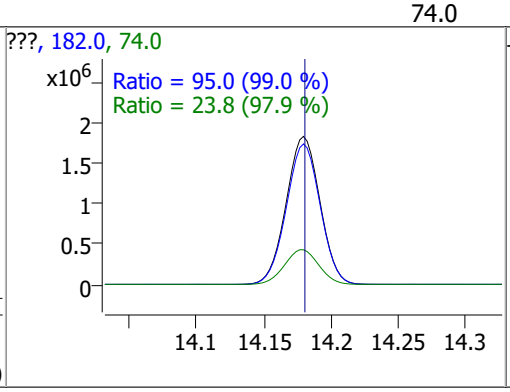


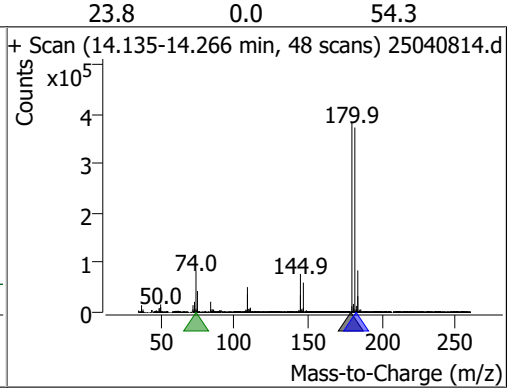




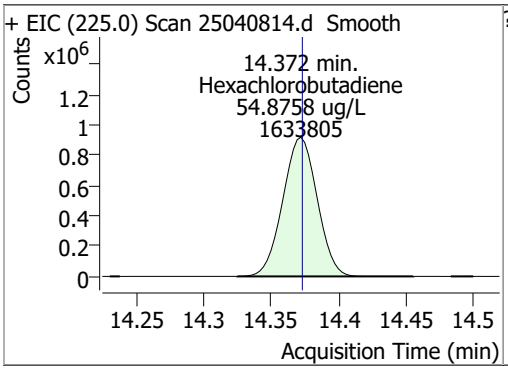
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,4-Trichlorobenzene	54.0003	14.18	0.00	3196170	182.0	95.0	66.0	126.0
					74.0	23.8	0.0	54.3

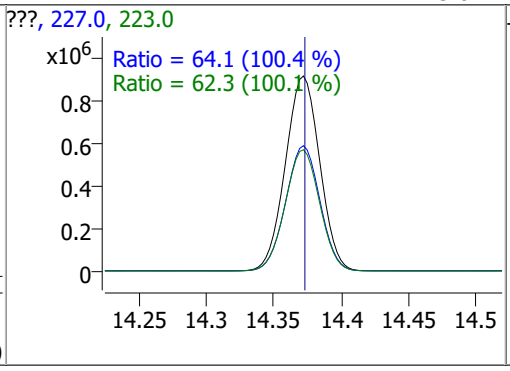


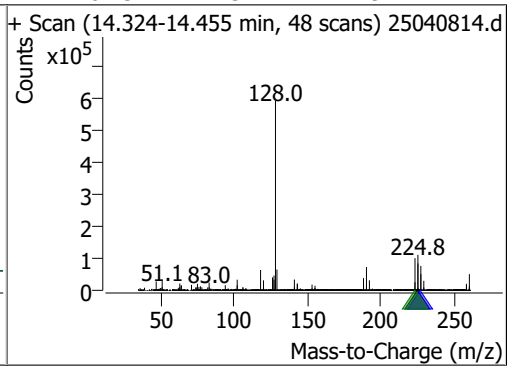




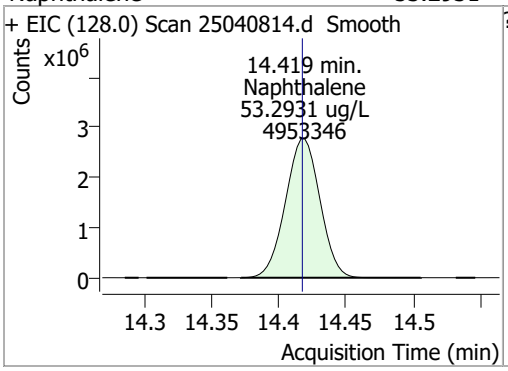
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Hexachlorobutadiene	54.8758	14.37	0.00	1633805	227.0	64.1	33.9	93.9
					223.0	62.3	32.2	92.2

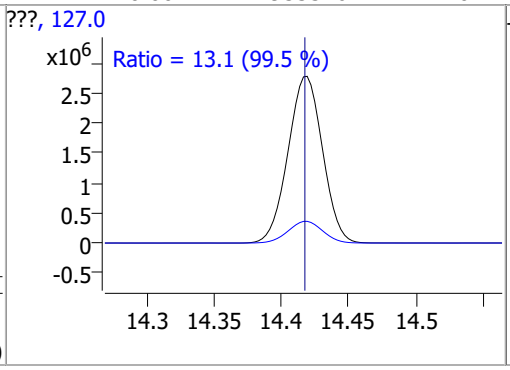


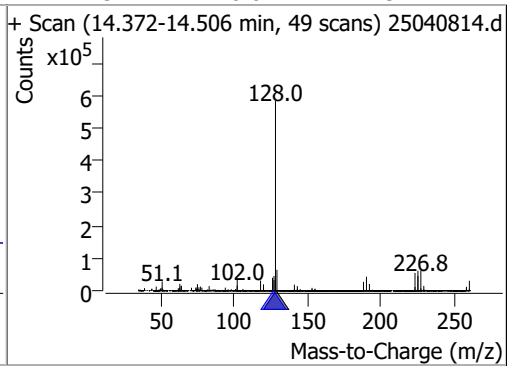




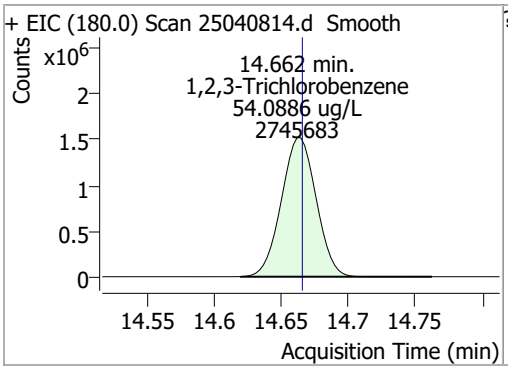
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Naphthalene	53.2931	14.42	0.00	4953346	127.0	13.1	0.0	43.1

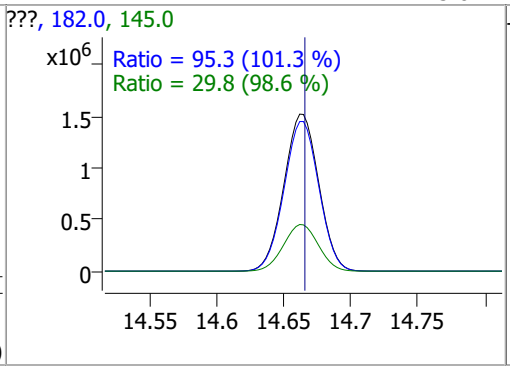


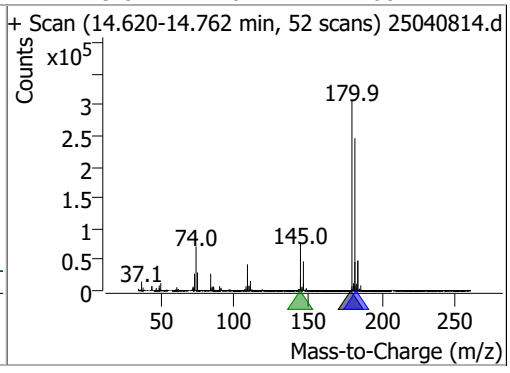




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichlorobenzene	54.0886	14.66	0.00	2745683	182.0	95.3	64.1	124.1
					145.0	29.8	0.2	60.2





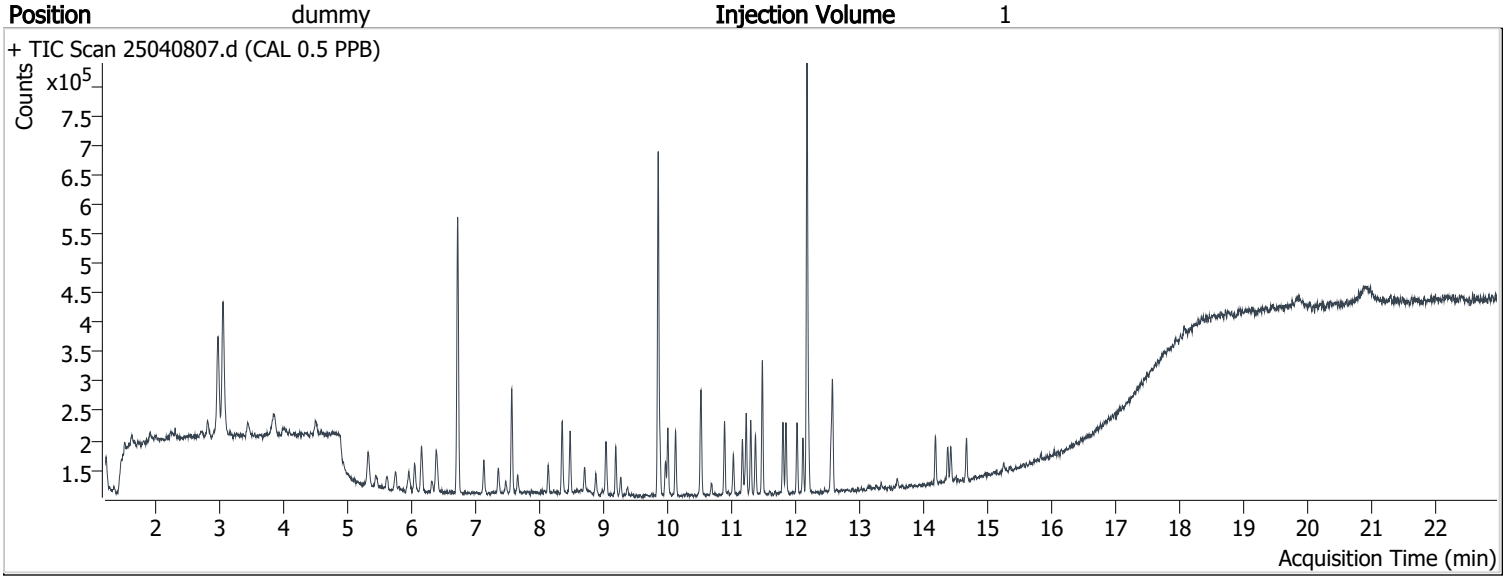


By Sample Quant Report

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:37:05 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040807.d	**Sample Name**	CAL 0.5 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 8:05 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.037	0.5081
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.307	0.5044
4-Bromofluorobenzene (S)	S	Surrogate	11.017	0.5180
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.546	0.5295
		Total		2.06

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.332	0.4527
Bromomethane	T	Target	1.910	0.4566
Chloroethane	T	Target	1.990	0.4811
Trichlorofluoromethane	T	Target	2.283	0.6541
Acetone	T	Target	2.919	5.8203
Iodomethane	T	Target	2.961	5.1584
Carbon Disulfide	T	Target	3.039	5.2922
Dichloromethane	T	Target	3.427	0.5096
trans 1,2-Dichloroethylene	T	Target	3.842	0.5396
MTBE	T	Target	3.984	0.4842
2,2-Dichloropropane	T	Target	5.309	0.5262
cis 1,2-Dichloroethylene	T	Target	5.309	0.4852
2-Butanone (MEK)	T	Target	5.432	4.5571
Bromochloromethane	T	Target	5.602	0.5088
1,1,1-Trichloroethane	T	Target	5.942	0.4800
1,1-Dichloropropylene	T	Target	6.143	0.5367
Carbon Tetrachloride	T	Target	6.143	0.5013
Benzene	T	Target	6.374	0.5161
1,2-Dichloroethane	T	Target	6.397	0.4831

Trichloroethylene	T	Target	7.119	0.4980
Dibromomethane	T	Target	7.459	0.4799
Methyl Methacrylate	T	Target	7.554	4.8510
Bromodichloromethane	T	Target	7.646	0.4938
cis 1,3-Dichloropropylene	T	Target	8.123	0.4910
4-Methyl-2-pentanone (MIBK)	T	Target	8.340	4.7640
trans 1,3-Dichloropropylene	T	Target	8.692	0.5026
1,1,2-trichloroethane	T	Target	8.870	0.5216
Tetrachloroethylene	T	Target	9.023	0.5241
1,3-Dichloropropane	T	Target	9.035	0.5068
2-Hexanone	T	Target	9.180	4.9124
Dibromochloromethane	T	Target	9.258	0.4825
1,2-Dibromoethane (EDB)	T	Target	9.364	0.5001
1,1,1,2-Tetrachloroethane	T	Target	9.958	0.4827
m,p-Xylenes	T	Target	10.114	0.5056
o-Xylene	T	Target	10.507	0.4986
Styrene	T	Target	10.515	0.5082
Isopropylbenzene	T	Target	10.881	0.5102
Bromobenzene	T	Target	11.160	0.5201
1,2,3-Trichloropropane	T	Target	11.199	0.6547
trans-1,4-Dichloro-2-butene	T	Target	11.218	5.2085
n-Propylbenzene	T	Target	11.291	0.5268
2-Chlorotoluene	T	Target	11.363	0.5322
1,3,5-Trimethylbenzene	T	Target	11.472	0.5328
4-Chlorotoluene	T	Target	11.472	0.5395
tert-Butylbenzene	T	Target	11.795	0.5536
1,2,4-Trimethylbenzene	T	Target	11.840	0.5303
sec-Butylbenzene	T	Target	12.016	0.5214
1,3-Dichlorobenzene	T	Target	12.108	0.5365
p-Isopropyltoluene	T	Target	12.164	0.5145
1,4-Dichlorobenzene	T	Target	12.194	0.5437
1,2-Dichlorobenzene	T	Target	12.562	0.5335
n-Butylbenzene	T	Target	12.571	0.5210
1,2-Dibromo-3-chloropropane	T	Target	13.332	0.5833
1,2,4-Trichlorobenzene	T	Target	14.180	0.5384
Hexachlorobutadiene	T	Target	14.369	0.5751
Naphthalene	T	Target	14.417	0.5166
1,2,3-Trichlorobenzene	T	Target	14.662	0.5148
			Total	65.97

Compound	Compound Group	Compound Type	RT	Final Conc.
Chloromethane	P	Target	1.502	0.4815
1,1-Dichloroethane	P	Target	4.489	0.5106
Chlorobenzene	P	Target	9.871	0.5161
Bromoform	P	Target	10.677	0.5272
1,1,2,2-Tetrachloroethane	P	Target	11.157	0.5507
			Total	2.59

Compound	Compound Group	Compound Type	RT	Final Conc.
Vinyl Chloride	C	Target	1.608	0.5317
1,1-Dichloroethylene	C	Target	2.799	0.4829
Chloroform	C	Target	5.736	0.5053
1,2-Dichloropropane	C	Target	7.345	0.5139
Toluene	C	Target	8.466	0.5203
Ethylbenzene	C	Target	9.994	0.5006
			Total	3.05

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.706	96	418678
Chlorobenzene-d5	ISTD	9.843	117	308000
1,4-Dichlorobenzene-d4	ISTD	12.172	152	169285

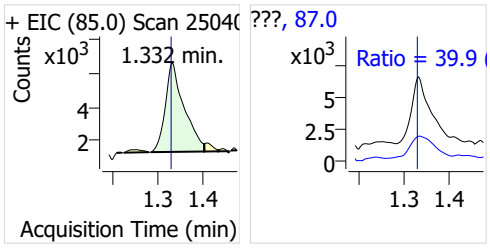
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.332	1.326	85	87.0	15113	6033	39.9	30.6	Fluorobenzene	0.0361	0.4527	ug/L
Chloromethane	1.502	1.494	50	52.0	16968	7958	46.9	33.4	Fluorobenzene	0.0405	0.4815	ug/L
Vinyl Chloride	1.608	1.600	62	64.0	18571	5357	28.8	32.2	Fluorobenzene	0.0444	0.5317	ug/L
Bromomethane	1.910	1.904	94	96.0	10407	11823	113.6	94.4	Fluorobenzene	0.0249	0.4566	ug/L
Chloroethane	1.990	1.985	64	66.0	8987	2893	32.2	34.0	Fluorobenzene	0.0215	0.4811	ug/L
Trichlorofluoromethane	2.283	2.275	101	103.0	24047	9302	38.7	62.3	Fluorobenzene	0.0574	0.6541	ug/L
1,1-Dichloroethylene	2.799	2.793	61	96.0	20622	10377	50.3	58.9	Fluorobenzene	0.0493	0.4829	ug/L
Acetone	2.919	2.910	58	43.0	6645	22342	336.2	345.3	Fluorobenzene	0.0159	5.8203	ug/L
Iodomethane	2.961	2.952	142	127.0	266231	111922	42.0	42.1	Fluorobenzene	0.6359	5.1584	ug/L
Carbon Disulfide	3.039	3.033	76	No Q.	458288	No Q.	No Q.	No Q.	Fluorobenzene	1.0946	5.2922	ug/L
Dichloromethane	3.427	3.421	49	84.0	17333	12362	71.3	77.1	Fluorobenzene	0.0414	0.5096	ug/L
trans 1,2-Dichloroethylene	3.842	3.836	61	96.0	22899	14711	64.2	68.4	Fluorobenzene	0.0547	0.5396	ug/L
MTBE	3.984	3.976	73	57.0	27613	1737	6.3	22.4	Fluorobenzene	0.0660	0.4842	ug/L
1,1-Dichloroethane	4.489	4.483	63	65.0	26029	10071	38.7	32.0	Fluorobenzene	0.0622	0.5106	ug/L
2,2-Dichloropropane	5.309	5.306	77	79.0	25967	8956	34.5	32.9	Fluorobenzene	0.0620	0.5262	ug/L
cis 1,2-Dichloroethylene	5.309	5.306	96	61.0	15711	25305	161.1	153.8	Fluorobenzene	0.0375	0.4852	ug/L
2-Butanone (MEK)	5.432	5.423	72	43.0	7182	31437	437.7	410.8	Fluorobenzene	0.0172	4.5571	ug/L
Bromochloromethane	5.602	5.596	49	130.0	11356	9548	84.1	83.1	Fluorobenzene	0.0271	0.5088	ug/L
Chloroform	5.736	5.733	83	85.0	27144	17423	64.2	64.4	Fluorobenzene	0.0648	0.5053	ug/L
1,1,1-Trichloroethane	5.942	5.939	97	99.0	25314	15432	61.0	59.6	Fluorobenzene	0.0605	0.4800	ug/L
Pentafluorobenzene (S)	6.037	6.034	168	99.0	36704	18066	49.2	50.0	Fluorobenzene	0.0877	0.5081	ug/L
1,1-Dichloropropylene	6.143	6.140	75	39.0	22796	14683	64.4	66.1	Fluorobenzene	0.0544	0.5367	ug/L
Carbon Tetrachloride	6.143	6.142	117	119.0	24927	24515	98.3	96.7	Fluorobenzene	0.0595	0.5013	ug/L
1,2-Dichloroethane-d4 (S)	6.307	6.304	65	No Q.	14296	No Q.	No Q.	No Q.	Fluorobenzene	0.0341	0.5044	ug/L
Benzene	6.374	6.371	78	77.0	61892	14817	23.9	23.4	Fluorobenzene	0.1478	0.5161	ug/L
1,2-Dichloroethane	6.397	6.393	62	49.0	17166	6583	38.3	33.8	Fluorobenzene	0.0410	0.4831	ug/L
Trichloroethylene	7.119	7.116	130	132.0	17958	17185	95.7	97.6	Fluorobenzene	0.0429	0.4980	ug/L
1,2-Dichloropropane	7.345	7.344	63	62.0	15771	9477	60.1	66.0	Fluorobenzene	0.0377	0.5139	ug/L
Dibromomethane	7.459	7.459	174	93.0	8379	7536	89.9	80.9	Fluorobenzene	0.0200	0.4799	ug/L
Methyl Methacrylate	7.554	7.551	41	69.0	83227	61078	73.4	72.9	Fluorobenzene	0.1988	4.8510	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	19174	12177	63.5	64.4	Fluorobenzene	0.0458	0.4938	ug/L
cis 1,3-Dichloropropylene	8.123	8.122	75	39.0	22862	14524	63.5	57.6	Fluorobenzene	0.0546	0.4910	ug/L
4-Methyl-2-pentanone (MIBK)	8.340	8.337	43	58.0	75151	28098	37.4	36.2	Fluorobenzene	0.1795	4.7640	ug/L
Toluene	8.466	8.465	91	92.0	69647	39637	56.9	56.5	Chlorobenzene-d5	0.2261	0.5203	ug/L
trans 1,3-Dichloropropylene	8.692	8.691	75	39.0	19520	10650	54.6	54.3	Chlorobenzene-d5	0.0634	0.5026	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	10254	9747	95.1	87.0	Chlorobenzene-d5	0.0333	0.5216	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	20912	16238	77.6	78.9	Chlorobenzene-d5	0.0679	0.5241	ug/L
1,3-Dichloropropane	9.035	9.034	76	41.0	16770	15202	90.6	72.5	Chlorobenzene-d5	0.0544	0.5068	ug/L
2-Hexanone	9.180	9.177	43	58.0	51560	26226	50.9	48.4	Chlorobenzene-d5	0.1674	4.9124	ug/L
Dibromochloromethane	9.258	9.255	129	127.0	12801	11206	87.5	76.7	Chlorobenzene-d5	0.0416	0.4825	ug/L
1,2-Dibromoethane (EDB)	9.364	9.361	107	109.0	9602	8914	92.8	93.1	Chlorobenzene-d5	0.0312	0.5001	ug/L
Chlorobenzene	9.871	9.871	112	77.0	43372	27395	63.2	59.3	Chlorobenzene-d5	0.1408	0.5161	ug/L
1,1,1,2-Tetrachloroethane	9.958	9.957	131	133.0	15331	15370	100.3	95.7	Chlorobenzene-d5	0.0498	0.4827	ug/L
Ethylbenzene	9.994	9.994	91	106.0	75106	24399	32.5	32.2	Chlorobenzene-d5	0.2439	0.5006	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	60754	29869	49.2	49.6	Chlorobenzene-d5	0.1973	0.5056	ug/L
o-Xylene	10.507	10.507	91	106.0	59930	29510	49.2	46.5	Chlorobenzene-d5	0.1946	0.4986	ug/L
Styrene	10.515	10.515	104	103.0	46734	25686	55.0	56.7	Chlorobenzene-d5	0.1517	0.5082	ug/L
Bromoform	10.677	10.677	173	171.0	8848	4102	46.4	51.4	Chlorobenzene-d5	0.0287	0.5272	ug/L
Isopropylbenzene	10.881	10.880	105	120.0	77464	20793	26.8	26.9	Chlorobenzene-d5	0.2515	0.5102	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	20950	20012	95.5	91.9	Chlorobenzene-d5	0.0680	0.5180	ug/L
1,1,2,2-Tetrachloroethane	11.157	11.157	83	85.0	11099	6829	61.5	63.9	1,4-Dichlorobenzene-d4	0.0656	0.5507	ug/L
Bromobenzene	11.160	11.159	156	77.0	18613	28684	154.1	147.8	1,4-Dichlorobenzene-d4	0.1099	0.5201	ug/L

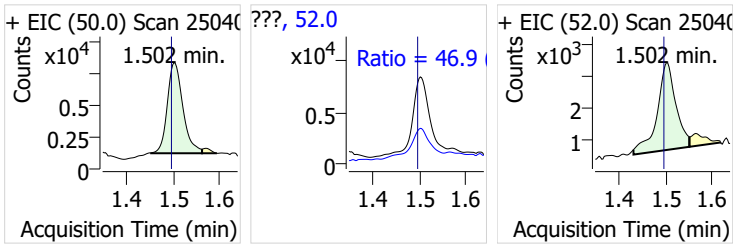
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.199	11.196	110	75.0	3890	39239	1008.8	768.8	1,4-Dichlorobenzene-d4	0.0230	0.6547	ug/L
trans-1,4-Dichloro-2-butene	11.218	11.218	53	89.0	25550	18143	71.0	68.6	1,4-Dichlorobenzene-d4	0.1509	5.2085	ug/L
n-Propylbenzene	11.291	11.290	120	91.0	21140	86282	408.1	408.8	1,4-Dichlorobenzene-d4	0.1249	0.5268	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	51109	18229	35.7	35.2	1,4-Dichlorobenzene-d4	0.3019	0.5322	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	65437	32188	49.2	48.1	1,4-Dichlorobenzene-d4	0.3865	0.5328	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	19029	59492	312.6	321.7	1,4-Dichlorobenzene-d4	0.1124	0.5395	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	13609	56370	414.2	441.8	1,4-Dichlorobenzene-d4	0.0804	0.5536	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	66140	29009	43.9	45.0	1,4-Dichlorobenzene-d4	0.3907	0.5303	ug/L
sec-Butylbenzene	12.016	12.015	105	134.0	79054	16245	20.5	20.2	1,4-Dichlorobenzene-d4	0.4670	0.5214	ug/L
1,3-Dichlorobenzene	12.108	12.107	146	148.0	36980	23589	63.8	62.5	1,4-Dichlorobenzene-d4	0.2184	0.5365	ug/L
p-Isopropyltoluene	12.164	12.163	119	134.0	68978	18188	26.4	26.7	1,4-Dichlorobenzene-d4	0.4075	0.5145	ug/L
1,4-Dichlorobenzene	12.194	12.194	146	148.0	37610	20950	55.7	64.1	1,4-Dichlorobenzene-d4	0.2222	0.5437	ug/L
1,2-Dichlorobenzene-d4 (S)	12.546	12.545	152	150.0	20113	37244	185.2	172.9	1,4-Dichlorobenzene-d4	0.1188	0.5295	ug/L
1,2-Dichlorobenzene	12.562	12.565	146	148.0	33585	22479	66.9	64.5	1,4-Dichlorobenzene-d4	0.1984	0.5335	ug/L
n-Butylbenzene	12.571	12.570	91	92.0	61763	31208	50.5	51.5	1,4-Dichlorobenzene-d4	0.3648	0.5210	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	2785	2080	74.7	86.2	1,4-Dichlorobenzene-d4	0.0164	0.5833	ug/L
1,2,4-Trichlorobenzene	14.180	14.179	180	182.0	27103	26269	96.9	96.0	1,4-Dichlorobenzene-d4	0.1601	0.5384	ug/L
Hexachlorobutadiene	14.369	14.372	225	227.0	14563	8044	55.2	63.9	1,4-Dichlorobenzene-d4	0.0860	0.5751	ug/L
Naphthalene	14.417	14.416	128	127.0	40840	6285	15.4	13.1	1,4-Dichlorobenzene-d4	0.2413	0.5166	ug/L
1,2,3-Trichlorobenzene	14.662	14.665	180	182.0	22229	21201	95.4	94.1	1,4-Dichlorobenzene-d4	0.1313	0.5148	ug/L

Compound Graphics

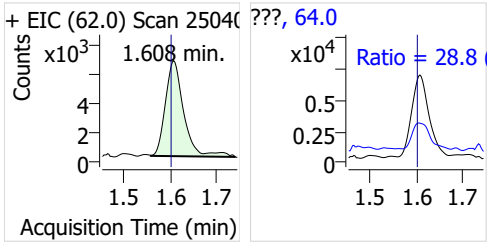
Dichlorodifluoromethane



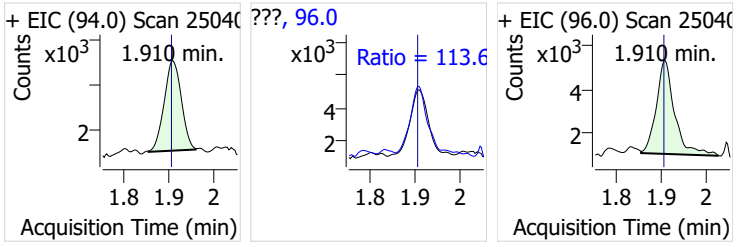
Chloromethane



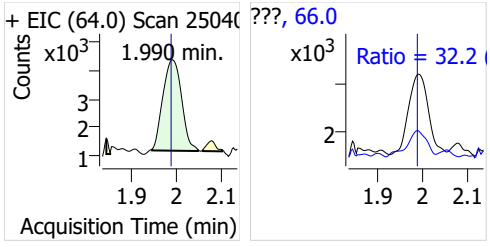
Vinyl Chloride



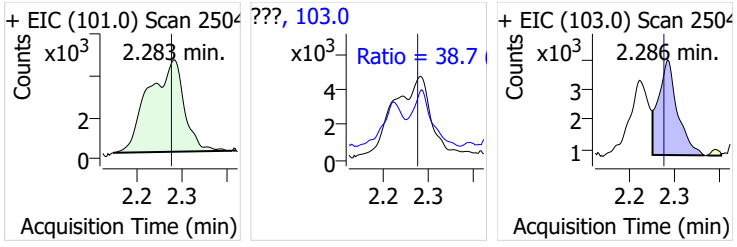
Bromomethane



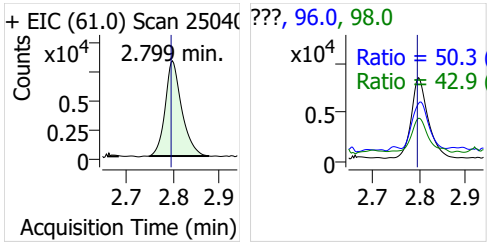
Chloroethane



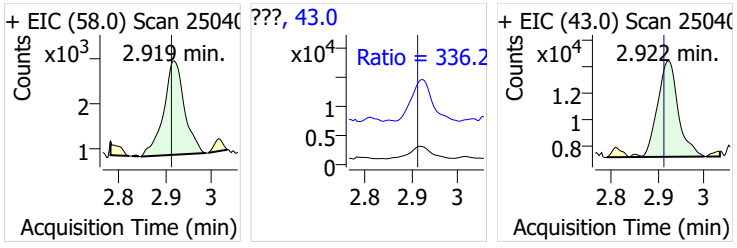
Trichlorofluoromethane



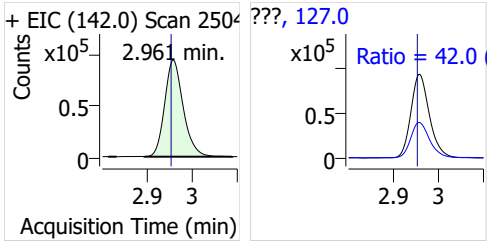
1,1-Dichloroethylene



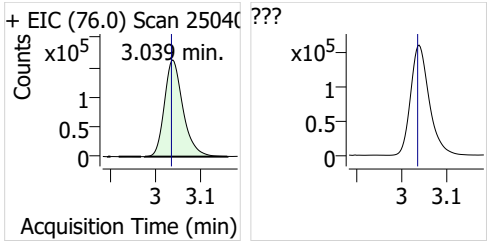
Acetone



Iodomethane

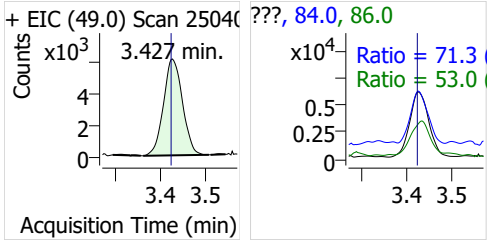


Carbon Disulfide

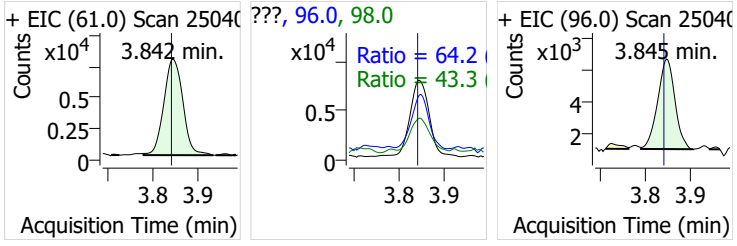


No Qualifier

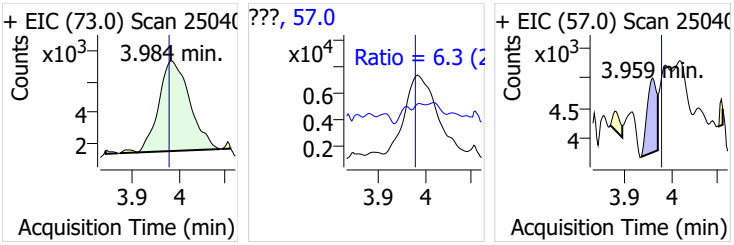
Dichloromethane



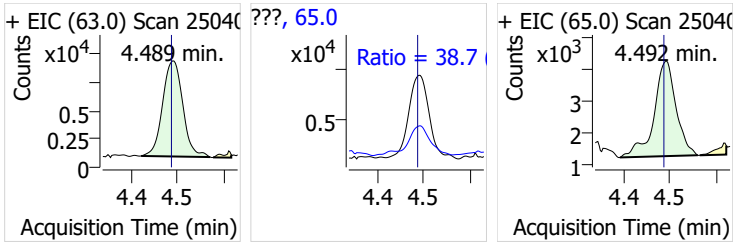
trans 1,2-Dichloroethylene



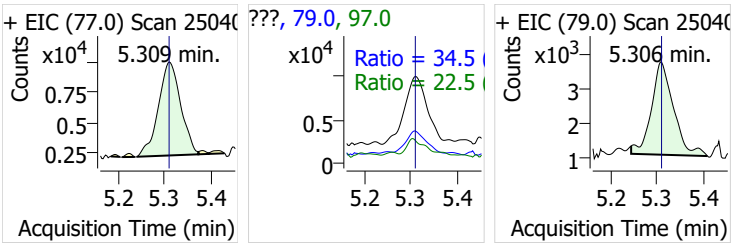
MTBE



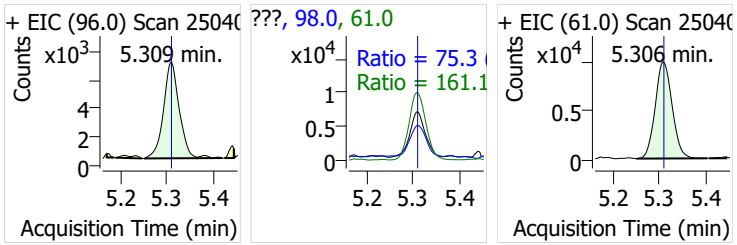
1,1-Dichloroethane



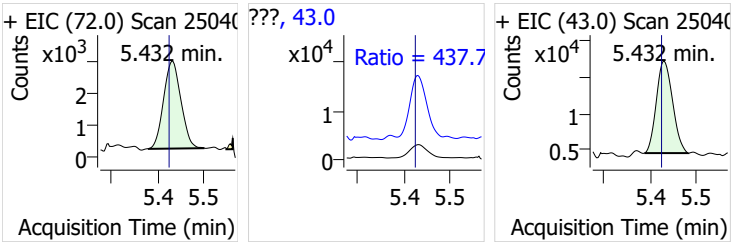
2,2-Dichloropropane



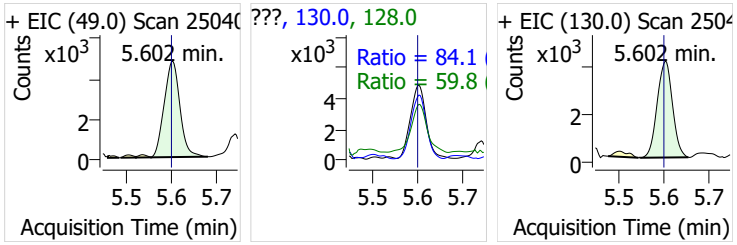
cis 1,2-Dichloroethylene



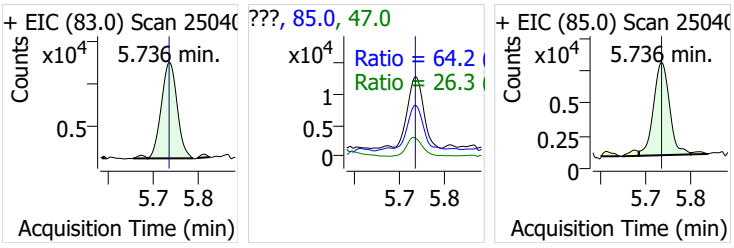
2-Butanone (MEK)



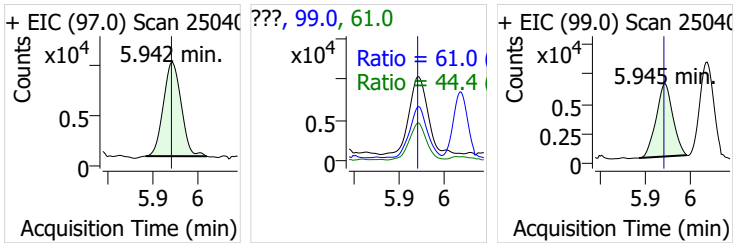
Bromochloromethane



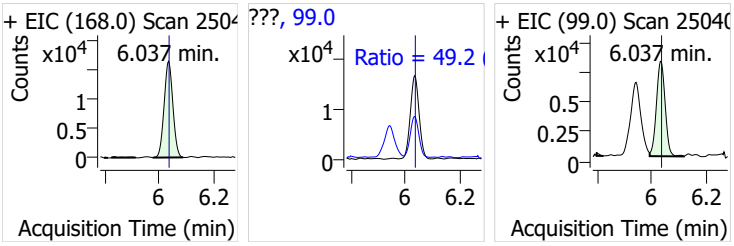
Chloroform



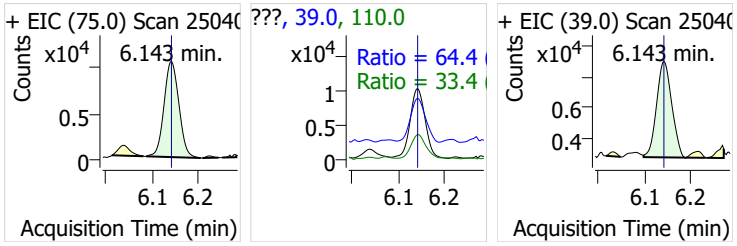
1,1,1-Trichloroethane



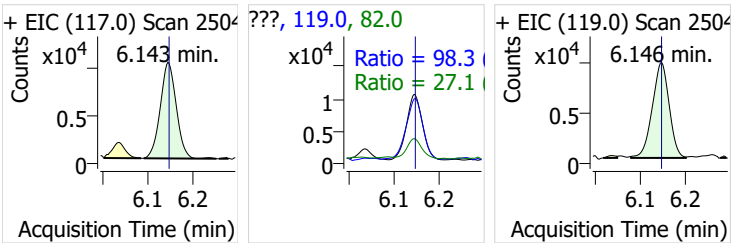
Pentafluorobenzene (S)



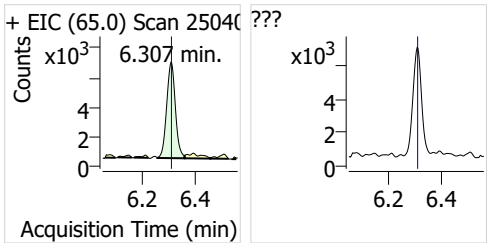
1,1-Dichloropropylene



Carbon Tetrachloride

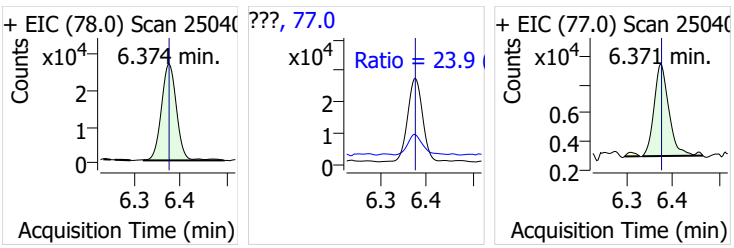


1,2-Dichloroethane-d4 (S)

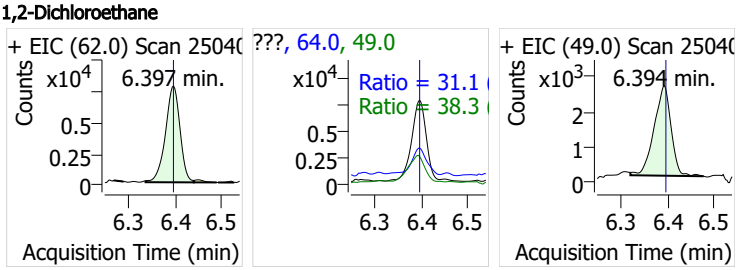


No Qualifier

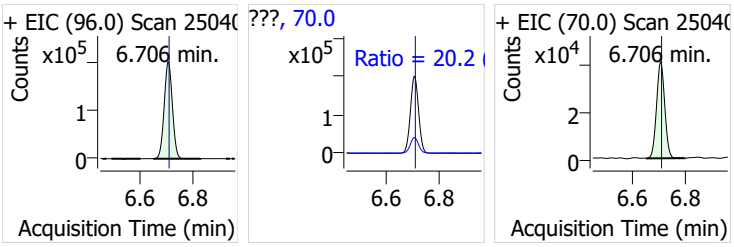
Benzene



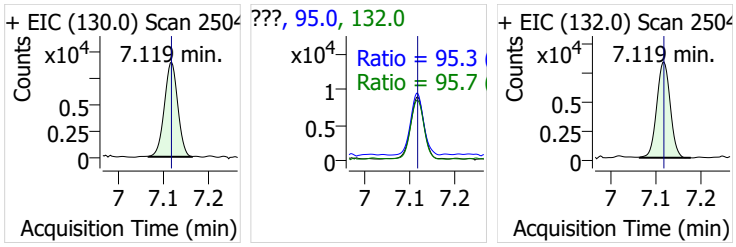
1,2-Dichloroethane



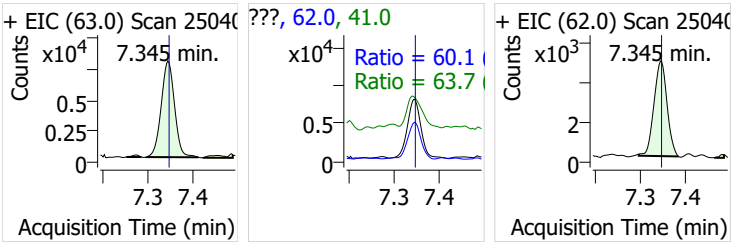
Fluorobenzene



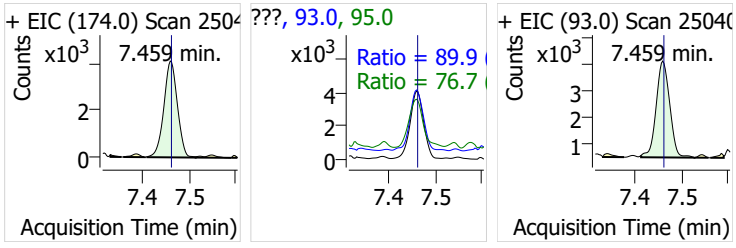
Trichloroethylene



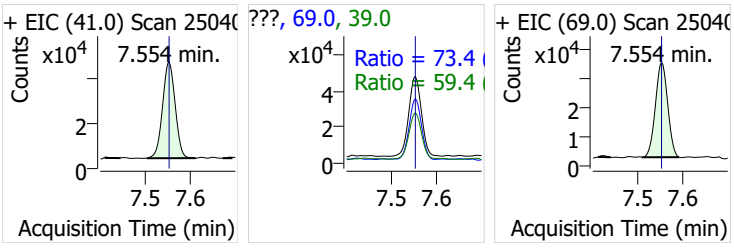
1,2-Dichloropropane



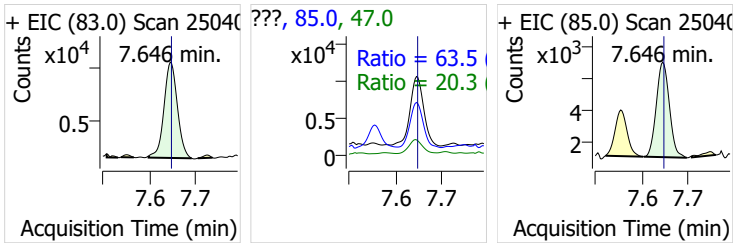
Dibromomethane



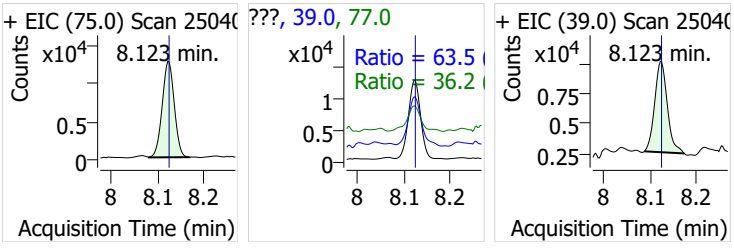
Methyl Methacrylate



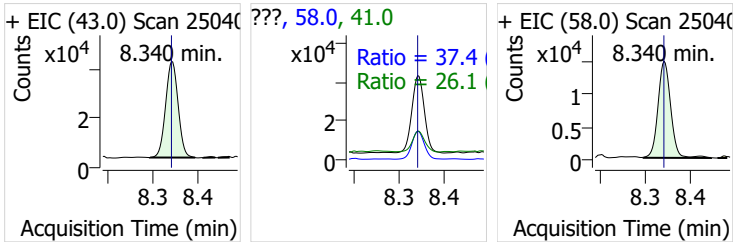
Bromodichloromethane



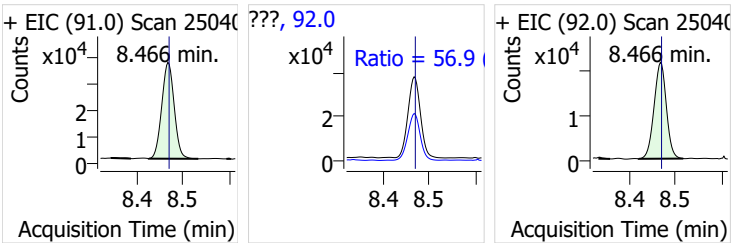
cis 1,3-Dichloropropylene



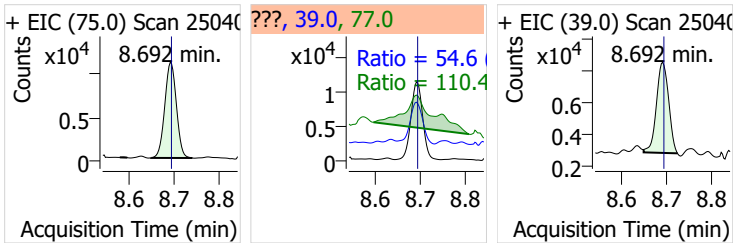
4-Methyl-2-pentanone (MIBK)



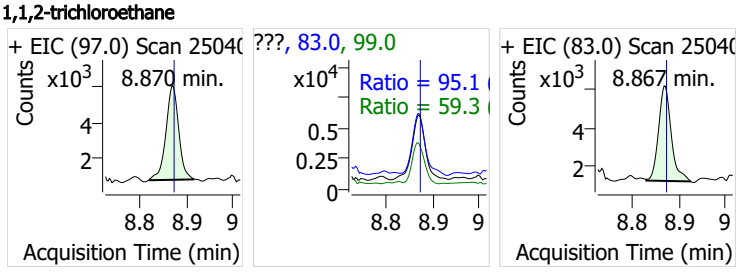
Toluene



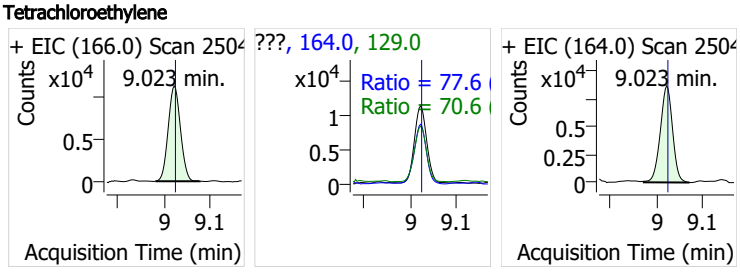
trans 1,3-Dichloropropylene



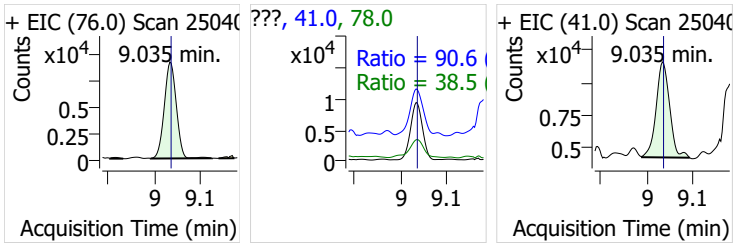
1,1,2-trichloroethane



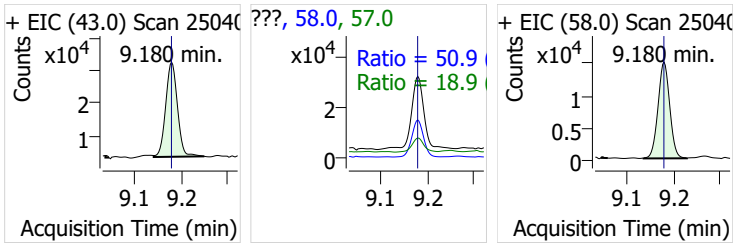
Tetrachloroethylene



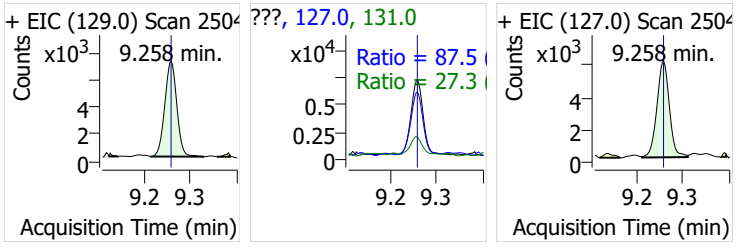
1,3-Dichloropropane



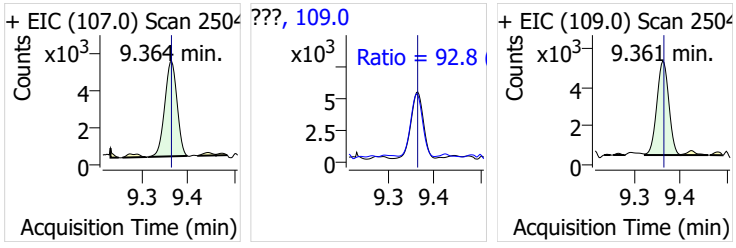
2-Hexanone



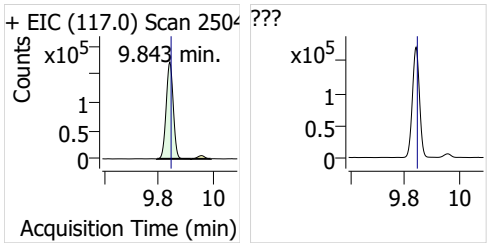
Dibromochloromethane



1,2-Dibromoethane (EDB)

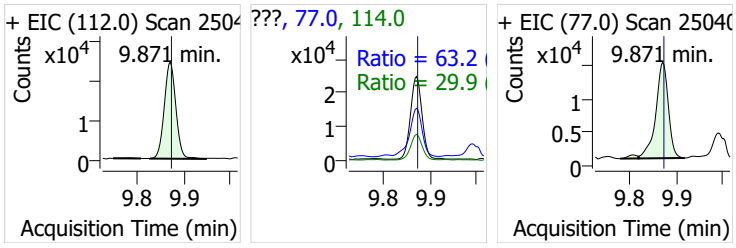


Chlorobenzene-d5

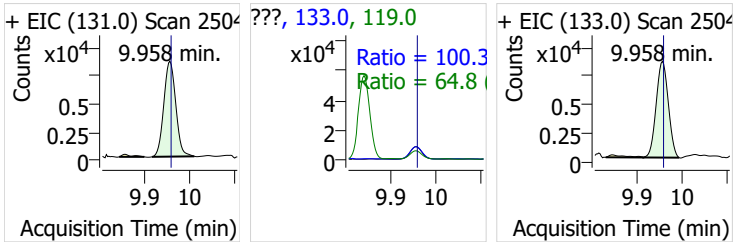


No Qualifier

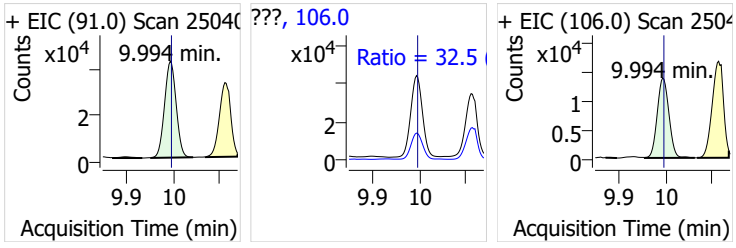
Chlorobenzene



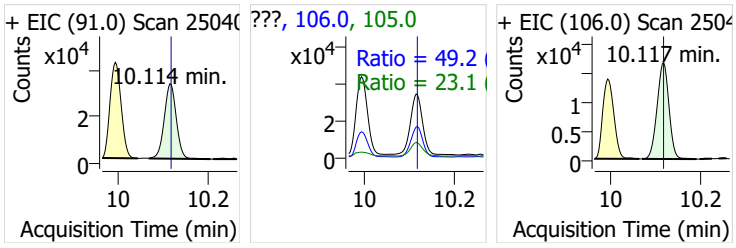
1,1,1,2-Tetrachloroethane



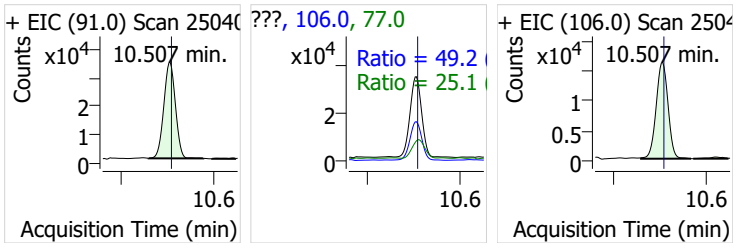
Ethylbenzene



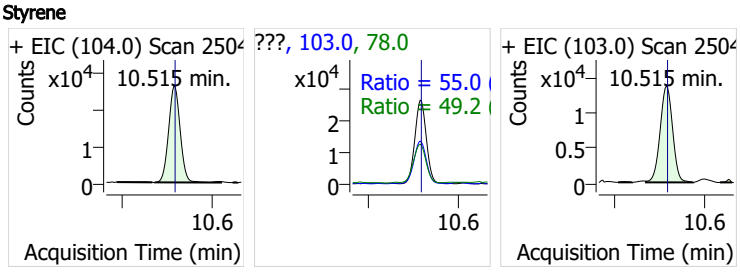
m,p-Xylenes



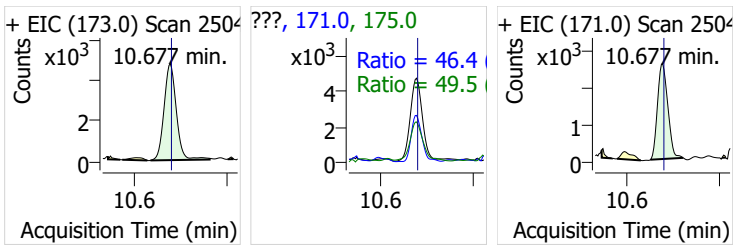
o-Xylene



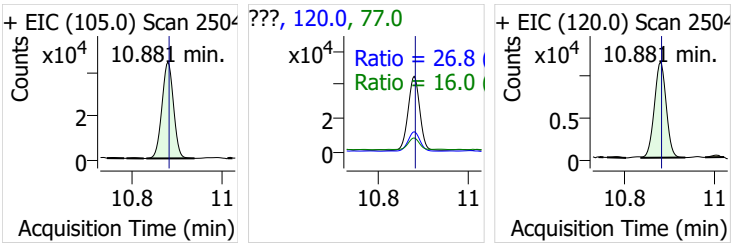
Styrene



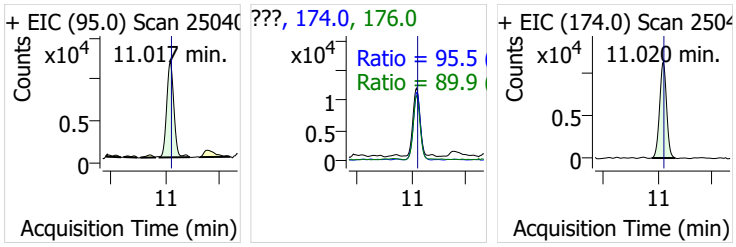
Bromoform



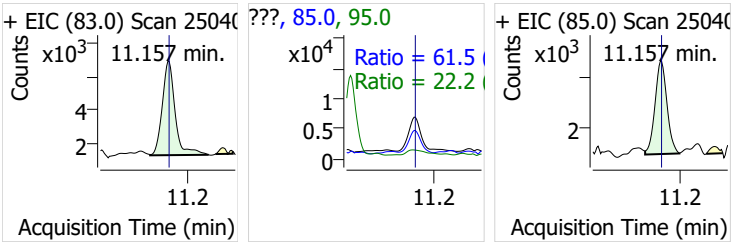
Isopropylbenzene



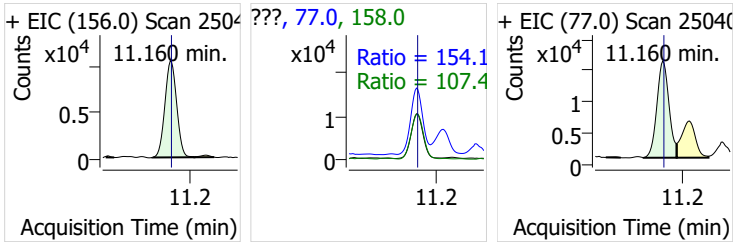
4-Bromofluorobenzene (S)



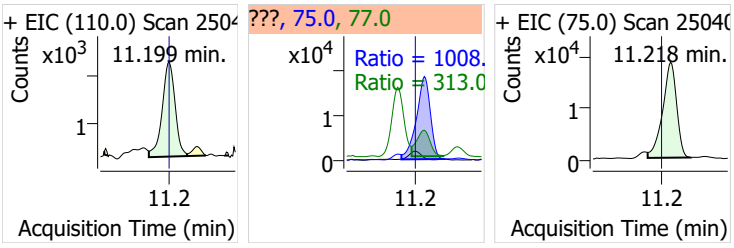
1,1,2,2-Tetrachloroethane



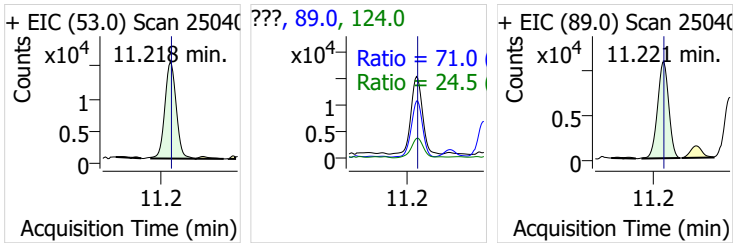
Bromobenzene



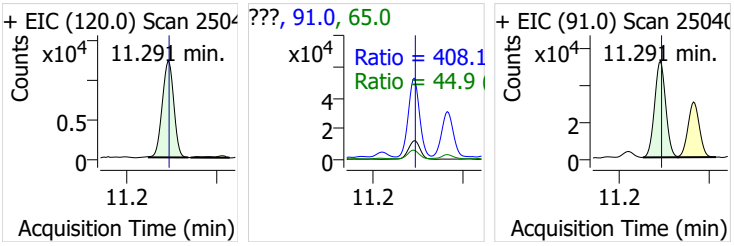
1,2,3-Trichloropropane



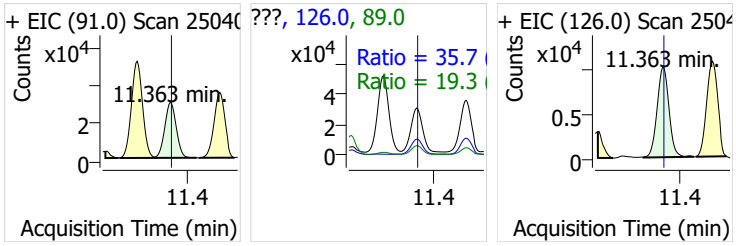
trans-1,4-Dichloro-2-butene



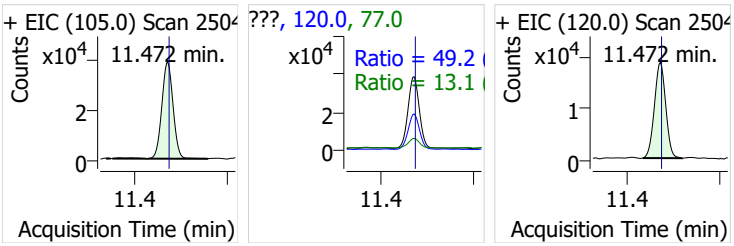
n-Propylbenzene



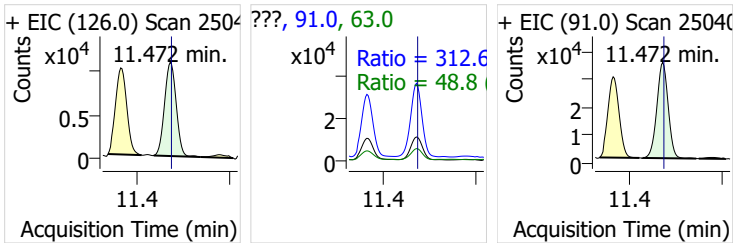
2-Chlorotoluene



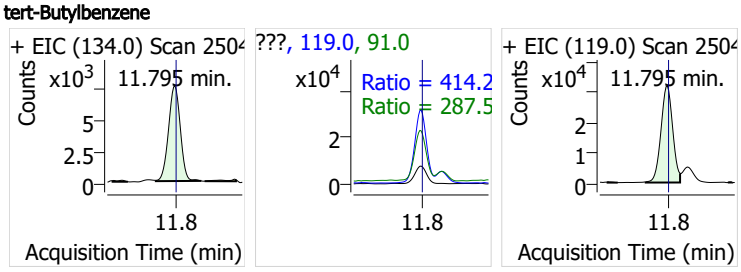
1,3,5-Trimethylbenzene



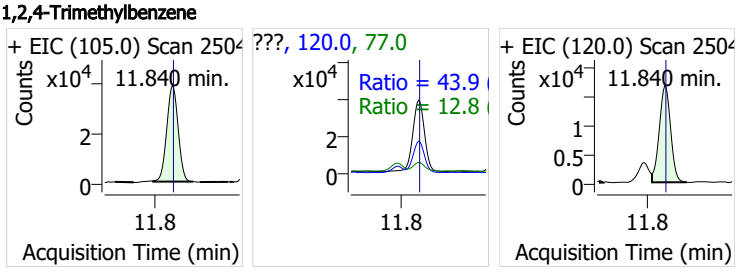
4-Chlorotoluene



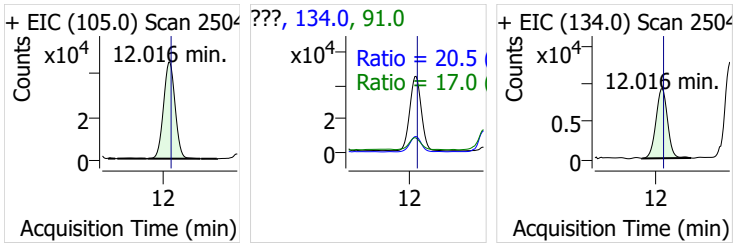
tert-Butylbenzene



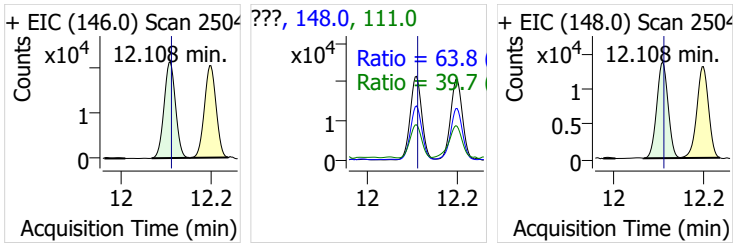
1,2,4-Trimethylbenzene



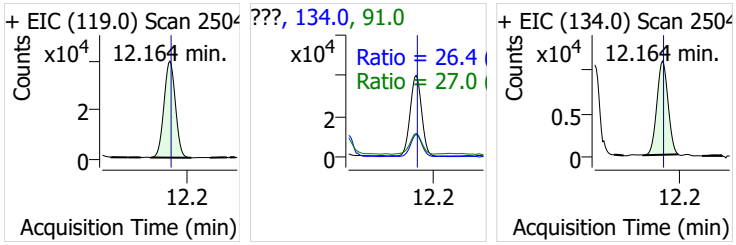
sec-Butylbenzene



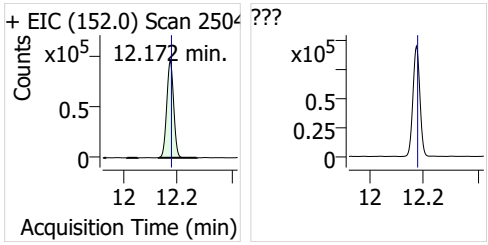
1,3-Dichlorobenzene



p-Isopropyltoluene

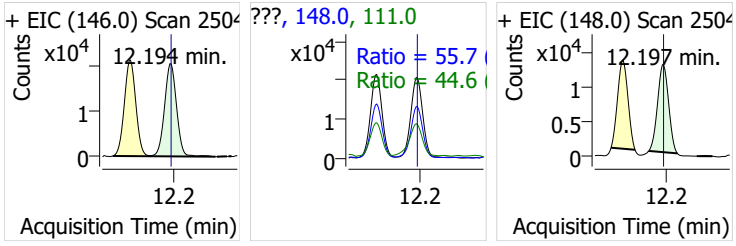


1,4-Dichlorobenzene-d4

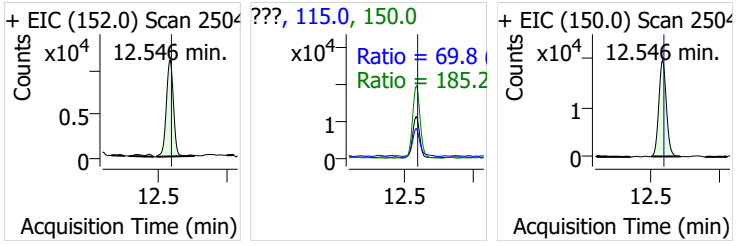


No Qualifier

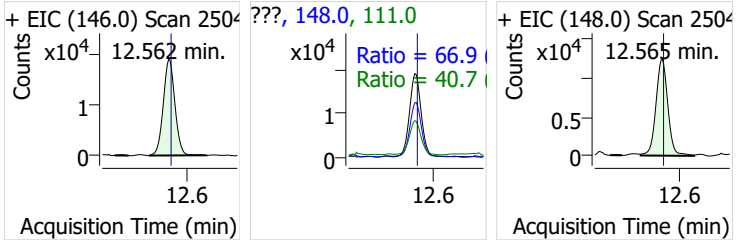
1,4-Dichlorobenzene



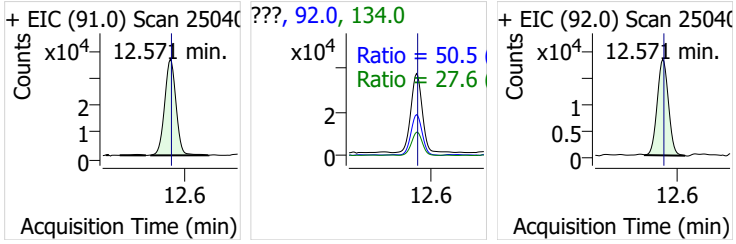
1,2-Dichlorobenzene-d4 (S)



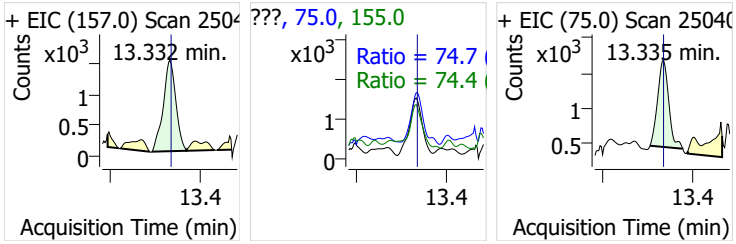
1,2-Dichlorobenzene



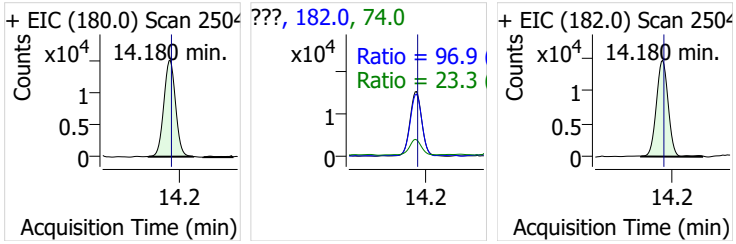
n-Butylbenzene



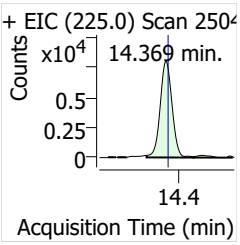
1,2-Dibromo-3-chloropropane

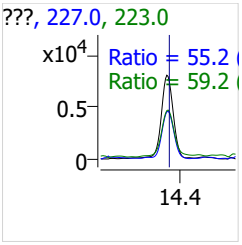


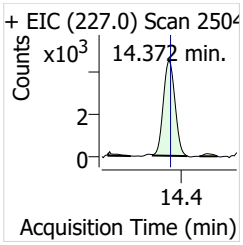
1,2,4-Trichlorobenzene



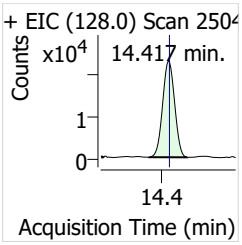
Hexachlorobutadiene

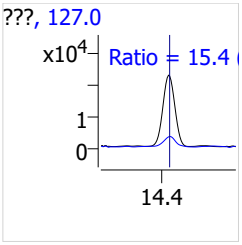


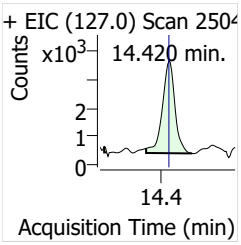




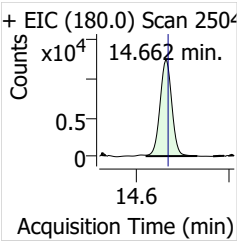
Naphthalene

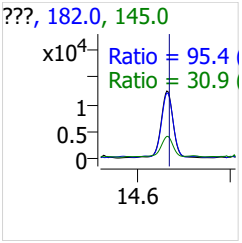


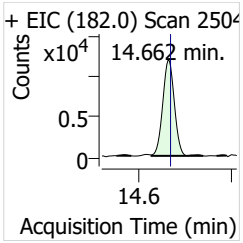




1,2,3-Trichlorobenzene







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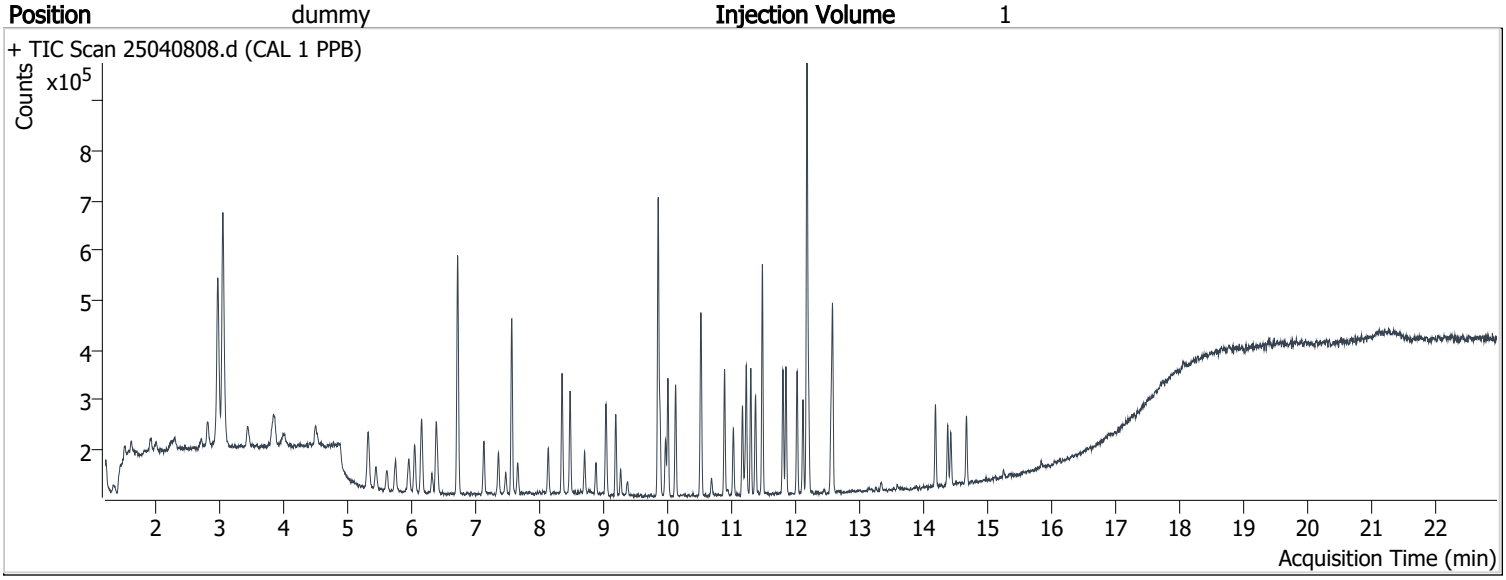
Report Time	5/12/2025 11:37:17 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040808.d	**Sample Name**	CAL 1 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 8:33 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.037	1.0312
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.307	0.9946
4-Bromofluorobenzene (S)	S	Surrogate	11.017	0.9818
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.546	1.0591
		Total		4.07

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.335	0.9917
Bromomethane	T	Target	1.907	1.0418
Chloroethane	T	Target	1.988	1.0299
Trichlorofluoromethane	T	Target	2.280	1.3765
Acetone	T	Target	2.919	9.8298
Iodomethane	T	Target	2.958	10.0795
Carbon Disulfide	T	Target	3.036	10.1825
Dichloromethane	T	Target	3.427	1.0258
trans 1,2-Dichloroethylene	T	Target	3.839	0.9870
MTBE	T	Target	3.979	0.9459
2,2-Dichloropropane	T	Target	5.309	1.0619
cis 1,2-Dichloroethylene	T	Target	5.309	0.9976
2-Butanone (MEK)	T	Target	5.429	9.8774
Bromochloromethane	T	Target	5.599	0.9547
1,1,1-Trichloroethane	T	Target	5.942	1.0301
1,1-Dichloropropylene	T	Target	6.140	0.9937
Carbon Tetrachloride	T	Target	6.143	1.0362
Benzene	T	Target	6.371	0.9847
1,2-Dichloroethane	T	Target	6.394	0.9818

Trichloroethylene	T	Target	7.116	1.0134
Dibromomethane	T	Target	7.462	0.9670
Methyl Methacrylate	T	Target	7.551	9.5590
Bromodichloromethane	T	Target	7.646	0.9644
cis 1,3-Dichloropropylene	T	Target	8.123	0.9760
4-Methyl-2-pentanone (MIBK)	T	Target	8.340	9.7124
trans 1,3-Dichloropropylene	T	Target	8.692	1.0083
1,1,2-trichloroethane	T	Target	8.870	0.9757
Tetrachloroethylene	T	Target	9.023	1.0194
1,3-Dichloropropane	T	Target	9.037	0.9790
2-Hexanone	T	Target	9.180	9.7543
Dibromochloromethane	T	Target	9.258	0.9670
1,2-Dibromoethane (EDB)	T	Target	9.361	0.9293
1,1,1,2-Tetrachloroethane	T	Target	9.958	1.0010
m,p-Xylenes	T	Target	10.114	1.0121
o-Xylene	T	Target	10.507	0.9998
Styrene	T	Target	10.515	0.9849
Isopropylbenzene	T	Target	10.881	1.0085
Bromobenzene	T	Target	11.162	1.0793
1,2,3-Trichloropropane	T	Target	11.199	0.9954
trans-1,4-Dichloro-2-butene	T	Target	11.221	9.9899
n-Propylbenzene	T	Target	11.291	1.0614
2-Chlorotoluene	T	Target	11.363	1.0444
1,3,5-Trimethylbenzene	T	Target	11.472	1.0456
4-Chlorotoluene	T	Target	11.472	1.0752
tert-Butylbenzene	T	Target	11.795	1.0875
1,2,4-Trimethylbenzene	T	Target	11.840	1.0476
sec-Butylbenzene	T	Target	12.016	1.0434
1,3-Dichlorobenzene	T	Target	12.108	1.0052
p-Isopropyltoluene	T	Target	12.164	1.0451
1,4-Dichlorobenzene	T	Target	12.197	1.0817
1,2-Dichlorobenzene	T	Target	12.562	1.0360
n-Butylbenzene	T	Target	12.571	1.0253
1,2-Dibromo-3-chloropropane	T	Target	13.332	1.0507
1,2,4-Trichlorobenzene	T	Target	14.180	1.0121
Hexachlorobutadiene	T	Target	14.369	1.0410
Naphthalene	T	Target	14.417	0.9854
1,2,3-Trichlorobenzene	T	Target	14.662	1.0170
			Total	129.01

Compound	Compound Group	Compound Type	RT	Final Conc.
Chloromethane	P	Target	1.500	1.0611
1,1-Dichloroethane	P	Target	4.489	1.0137
Chlorobenzene	P	Target	9.871	1.0000
Bromoform	P	Target	10.677	0.9558
1,1,2,2-Tetrachloroethane	P	Target	11.160	0.9735
			Total	5.00

Compound	Compound Group	Compound Type	RT	Final Conc.
Vinyl Chloride	C	Target	1.603	1.0349
1,1-Dichloroethylene	C	Target	2.799	1.0469
Chloroform	C	Target	5.736	1.0208
1,2-Dichloropropane	C	Target	7.345	0.9999
Toluene	C	Target	8.466	1.0111
Ethylbenzene	C	Target	9.994	1.0184
			Total	6.13

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.706	96	424504
Chlorobenzene-d5	ISTD	9.843	117	315185
1,4-Dichlorobenzene-d4	ISTD	12.172	152	174019

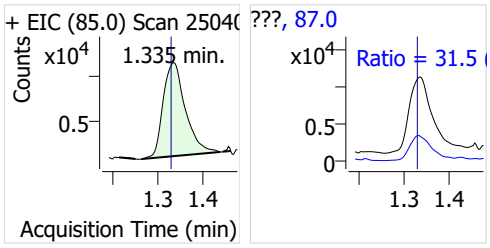
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.335	1.326	85	87.0	33568	10567	31.5	30.6	Fluorobenzene	0.0791	0.9917	ug/L
Chloromethane	1.500	1.494	50	52.0	37916	13688	36.1	33.4	Fluorobenzene	0.0893	1.0611	ug/L
Vinyl Chloride	1.603	1.600	62	64.0	36652	12818	35.0	32.2	Fluorobenzene	0.0863	1.0349	ug/L
Bromomethane	1.907	1.904	94	96.0	24077	22807	94.7	94.4	Fluorobenzene	0.0567	1.0418	ug/L
Chloroethane	1.988	1.985	64	66.0	19508	6538	33.5	34.0	Fluorobenzene	0.0460	1.0299	ug/L
Trichlorofluoromethane	2.280	2.275	101	103.0	51309	28867	56.3	62.3	Fluorobenzene	0.1209	1.3765	ug/L
1,1-Dichloroethylene	2.799	2.793	61	96.0	45328	27150	59.9	58.9	Fluorobenzene	0.1068	1.0469	ug/L
Acetone	2.919	2.910	58	43.0	11378	40585	356.7	345.3	Fluorobenzene	0.0268	9.8298	ug/L
Iodomethane	2.958	2.952	142	127.0	527448	221680	42.0	42.1	Fluorobenzene	1.2425	10.0795	ug/L
Carbon Disulfide	3.036	3.033	76	No Q.	894037	No Q.	No Q.	No Q.	Fluorobenzene	2.1061	10.1825	ug/L
Dichloromethane	3.427	3.421	49	84.0	35380	26687	75.4	77.1	Fluorobenzene	0.0833	1.0258	ug/L
trans 1,2-Dichloroethylene	3.839	3.836	61	96.0	42468	29130	68.6	68.4	Fluorobenzene	0.1000	0.9870	ug/L
MTBE	3.979	3.976	73	57.0	54693	12803	23.4	22.4	Fluorobenzene	0.1288	0.9459	ug/L
1,1-Dichloroethane	4.489	4.483	63	65.0	52397	16603	31.7	32.0	Fluorobenzene	0.1234	1.0137	ug/L
2,2-Dichloropropane	5.309	5.306	77	79.0	53132	18153	34.2	32.9	Fluorobenzene	0.1252	1.0619	ug/L
cis 1,2-Dichloroethylene	5.309	5.306	96	61.0	32753	51344	156.8	153.8	Fluorobenzene	0.0772	0.9976	ug/L
2-Butanone (MEK)	5.429	5.423	72	43.0	15784	68239	432.3	410.8	Fluorobenzene	0.0372	9.8774	ug/L
Bromochloromethane	5.599	5.596	49	130.0	21606	19111	88.5	83.1	Fluorobenzene	0.0509	0.9547	ug/L
Chloroform	5.736	5.733	83	85.0	55595	33532	60.3	64.4	Fluorobenzene	0.1310	1.0208	ug/L
1,1,1-Trichloroethane	5.942	5.939	97	99.0	55085	31833	57.8	59.6	Fluorobenzene	0.1298	1.0301	ug/L
Pentafluorobenzene (S)	6.037	6.034	168	99.0	75522	37596	49.8	50.0	Fluorobenzene	0.1779	1.0312	ug/L
1,1-Dichloropropylene	6.140	6.140	75	39.0	42793	29964	70.0	66.1	Fluorobenzene	0.1008	0.9937	ug/L
Carbon Tetrachloride	6.143	6.142	117	119.0	52235	48868	93.6	96.7	Fluorobenzene	0.1231	1.0362	ug/L
1,2-Dichloroethane-d4 (S)	6.307	6.304	65	No Q.	28580	No Q.	No Q.	No Q.	Fluorobenzene	0.0673	0.9946	ug/L
Benzene	6.371	6.371	78	77.0	119731	28908	24.1	23.4	Fluorobenzene	0.2820	0.9847	ug/L
1,2-Dichloroethane	6.394	6.393	62	49.0	35371	12740	36.0	33.8	Fluorobenzene	0.0833	0.9818	ug/L
Trichloroethylene	7.116	7.116	130	132.0	37055	35363	95.4	97.6	Fluorobenzene	0.0873	1.0134	ug/L
1,2-Dichloropropane	7.345	7.344	63	62.0	31117	19969	64.2	66.0	Fluorobenzene	0.0733	0.9999	ug/L
Dibromomethane	7.462	7.459	174	93.0	17119	13720	80.1	80.9	Fluorobenzene	0.0403	0.9670	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	166285	124790	75.0	72.9	Fluorobenzene	0.3917	9.5590	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	37966	24397	64.3	64.4	Fluorobenzene	0.0894	0.9644	ug/L
cis 1,3-Dichloropropylene	8.123	8.122	75	39.0	46080	27107	58.8	57.6	Fluorobenzene	0.1086	0.9760	ug/L
4-Methyl-2-pentanone (MIBK)	8.340	8.337	43	58.0	155343	55114	35.5	36.2	Fluorobenzene	0.3659	9.7124	ug/L
Toluene	8.466	8.465	91	92.0	138504	79021	57.1	56.5	Chlorobenzene-d5	0.4394	1.0111	ug/L
trans 1,3-Dichloropropylene	8.692	8.691	75	39.0	40069	20865	52.1	54.3	Chlorobenzene-d5	0.1271	1.0083	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	19629	16469	83.9	87.0	Chlorobenzene-d5	0.0623	0.9757	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	41628	32903	79.0	78.9	Chlorobenzene-d5	0.1321	1.0194	ug/L
1,3-Dichloropropane	9.037	9.034	76	41.0	33152	25493	76.9	72.5	Chlorobenzene-d5	0.1052	0.9790	ug/L
2-Hexanone	9.180	9.177	43	58.0	104769	49024	46.8	48.4	Chlorobenzene-d5	0.3324	9.7543	ug/L
Dibromochloromethane	9.258	9.255	129	127.0	26254	19393	73.9	76.7	Chlorobenzene-d5	0.0833	0.9670	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	18260	17304	94.8	93.1	Chlorobenzene-d5	0.0579	0.9293	ug/L
Chlorobenzene	9.871	9.871	112	77.0	86001	51687	60.1	59.3	Chlorobenzene-d5	0.2729	1.0000	ug/L
1,1,1,2-Tetrachloroethane	9.958	9.957	131	133.0	32533	30312	93.2	95.7	Chlorobenzene-d5	0.1032	1.0010	ug/L
Ethylbenzene	9.994	9.994	91	106.0	156374	49417	31.6	32.2	Chlorobenzene-d5	0.4961	1.0184	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	124454	60619	48.7	49.6	Chlorobenzene-d5	0.3949	1.0121	ug/L
o-Xylene	10.507	10.507	91	106.0	122975	56604	46.0	46.5	Chlorobenzene-d5	0.3902	0.9998	ug/L
Styrene	10.515	10.515	104	103.0	92692	54119	58.4	56.7	Chlorobenzene-d5	0.2941	0.9849	ug/L
Bromoform	10.677	10.677	173	171.0	16419	8188	49.9	51.4	Chlorobenzene-d5	0.0521	0.9558	ug/L
Isopropylbenzene	10.881	10.880	105	120.0	156701	42836	27.3	26.9	Chlorobenzene-d5	0.4972	1.0085	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	40635	38608	95.0	91.9	Chlorobenzene-d5	0.1289	0.9818	ug/L
1,1,2,2-Tetrachloroethane	11.160	11.157	83	85.0	20170	13169	65.3	63.9	1,4-Dichlorobenzene-d4	0.1159	0.9735	ug/L
Bromobenzene	11.162	11.159	156	77.0	39708	54090	136.2	147.8	1,4-Dichlorobenzene-d4	0.2282	1.0793	ug/L

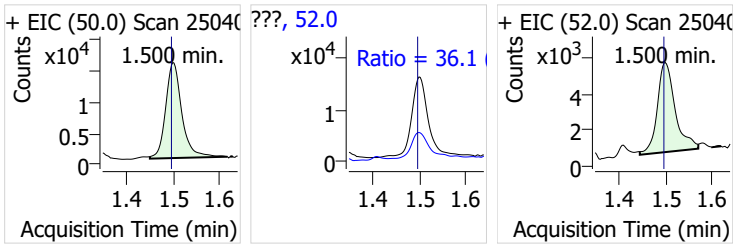
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.199	11.196	110	75.0	6079	80874	1330.4	768.8	1,4-Dichlorobenzene-d4	0.0349	0.9954	ug/L
trans-1,4-Dichloro-2-butene	11.221	11.218	53	89.0	50375	34321	68.1	68.6	1,4-Dichlorobenzene-d4	0.2895	9.9899	ug/L
n-Propylbenzene	11.291	11.290	120	91.0	43780	179407	409.8	408.8	1,4-Dichlorobenzene-d4	0.2516	1.0614	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	103112	38619	37.5	35.2	1,4-Dichlorobenzene-d4	0.5925	1.0444	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	132008	63272	47.9	48.1	1,4-Dichlorobenzene-d4	0.7586	1.0456	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	38982	119901	307.6	321.7	1,4-Dichlorobenzene-d4	0.2240	1.0752	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	27481	118175	430.0	441.8	1,4-Dichlorobenzene-d4	0.1579	1.0875	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	134315	61172	45.5	45.0	1,4-Dichlorobenzene-d4	0.7718	1.0476	ug/L
sec-Butylbenzene	12.016	12.015	105	134.0	162620	34215	21.0	20.2	1,4-Dichlorobenzene-d4	0.9345	1.0434	ug/L
1,3-Dichlorobenzene	12.108	12.107	146	148.0	71223	49316	69.2	62.5	1,4-Dichlorobenzene-d4	0.4093	1.0052	ug/L
p-Isopropyltoluene	12.164	12.163	119	134.0	144040	39074	27.1	26.7	1,4-Dichlorobenzene-d4	0.8277	1.0451	ug/L
1,4-Dichlorobenzene	12.197	12.194	146	148.0	76913	49050	63.8	64.1	1,4-Dichlorobenzene-d4	0.4420	1.0817	ug/L
1,2-Dichlorobenzene-d4 (S)	12.546	12.545	152	150.0	41358	70851	171.3	172.9	1,4-Dichlorobenzene-d4	0.2377	1.0591	ug/L
1,2-Dichlorobenzene	12.562	12.565	146	148.0	67041	42382	63.2	64.5	1,4-Dichlorobenzene-d4	0.3853	1.0360	ug/L
n-Butylbenzene	12.571	12.570	91	92.0	124958	65924	52.8	51.5	1,4-Dichlorobenzene-d4	0.7181	1.0253	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	5156	4777	92.6	86.2	1,4-Dichlorobenzene-d4	0.0296	1.0507	ug/L
1,2,4-Trichlorobenzene	14.180	14.179	180	182.0	52377	51064	97.5	96.0	1,4-Dichlorobenzene-d4	0.3010	1.0121	ug/L
Hexachlorobutadiene	14.369	14.372	225	227.0	27097	17480	64.5	63.9	1,4-Dichlorobenzene-d4	0.1557	1.0410	ug/L
Naphthalene	14.417	14.416	128	127.0	80077	10802	13.5	13.1	1,4-Dichlorobenzene-d4	0.4602	0.9854	ug/L
1,2,3-Trichlorobenzene	14.662	14.665	180	182.0	45139	42518	94.2	94.1	1,4-Dichlorobenzene-d4	0.2594	1.0170	ug/L

Compound Graphics

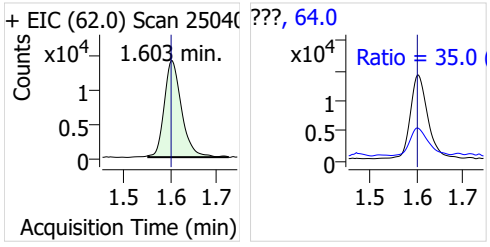
Dichlorodifluoromethane



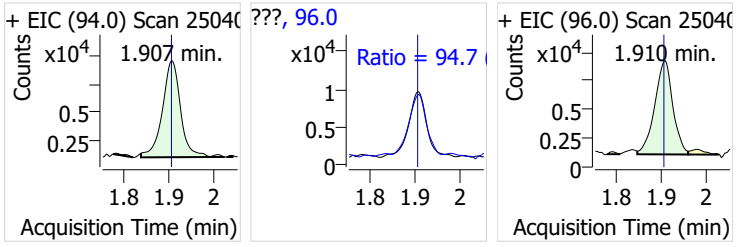
Chloromethane



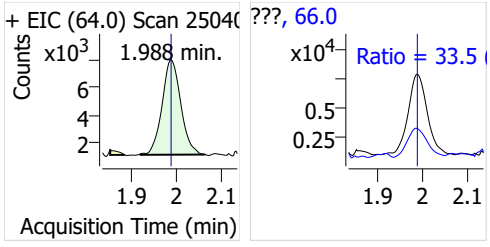
Vinyl Chloride



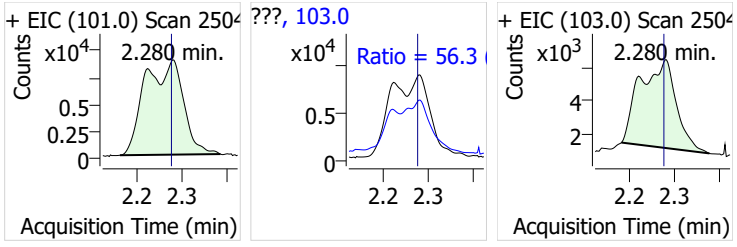
Bromomethane



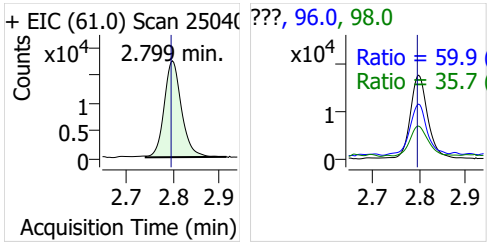
Chloroethane



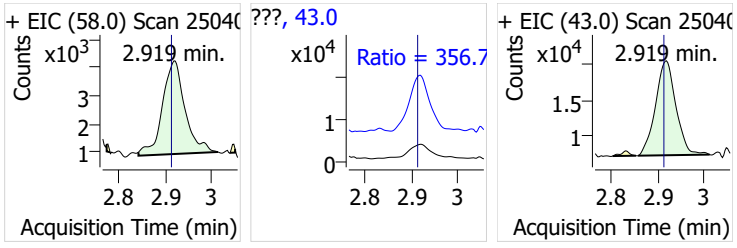
Trichlorofluoromethane



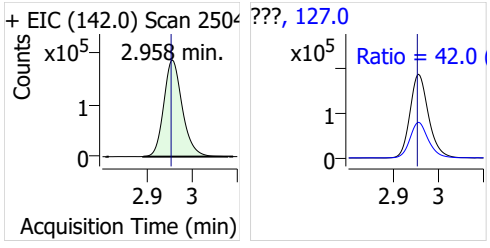
1,1-Dichloroethylene



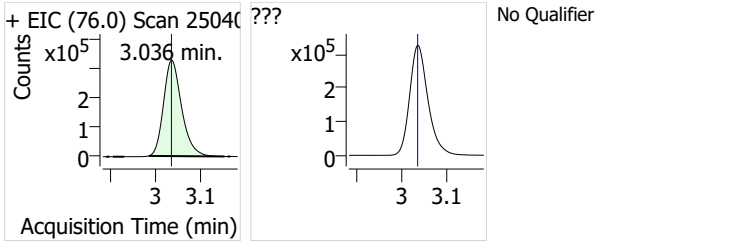
Acetone



Iodomethane

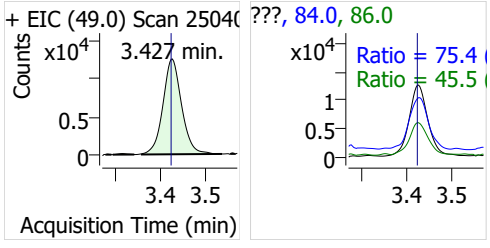


Carbon Disulfide

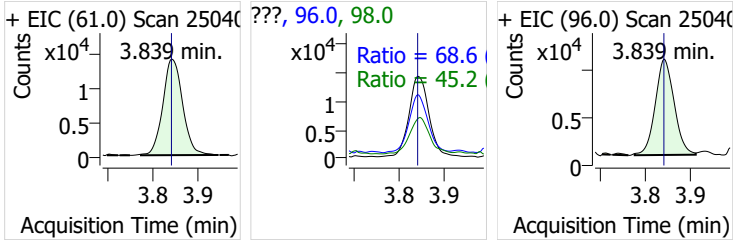


No Qualifier

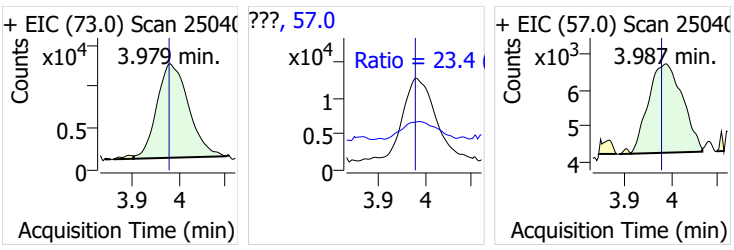
Dichloromethane



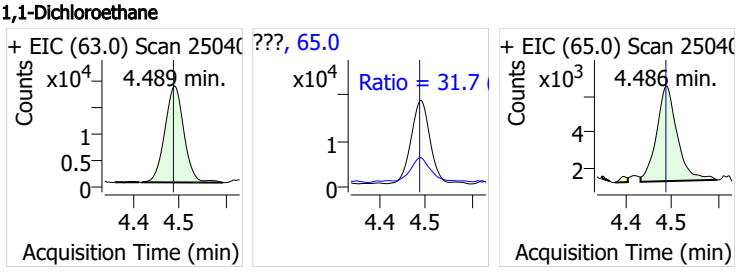
trans 1,2-Dichloroethylene



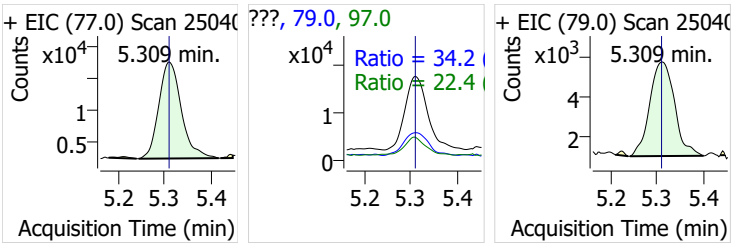
MTBE



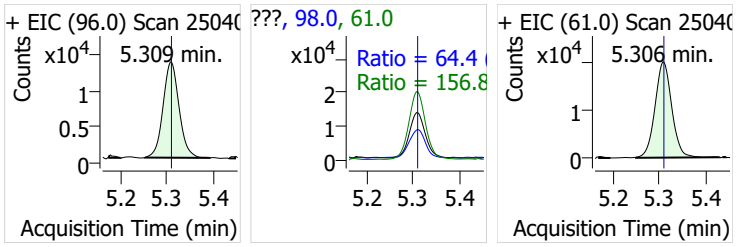
1,1-Dichloroethane



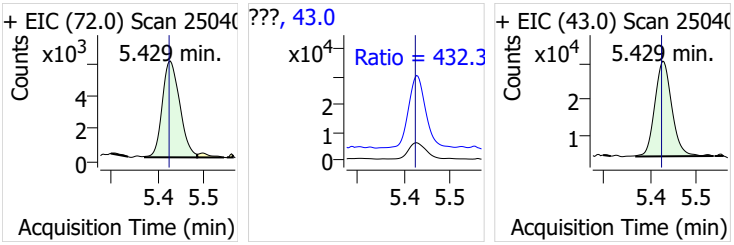
2,2-Dichloropropane



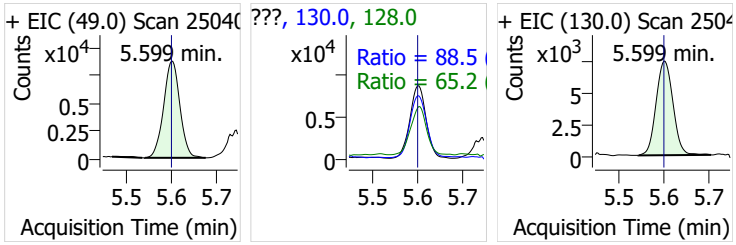
cis 1,2-Dichloroethylene



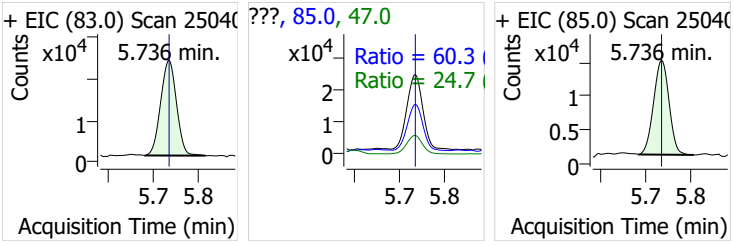
2-Butanone (MEK)



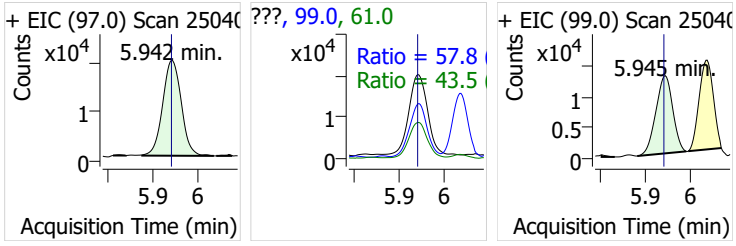
Bromochloromethane



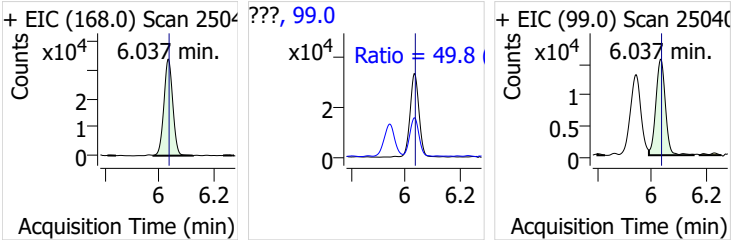
Chloroform



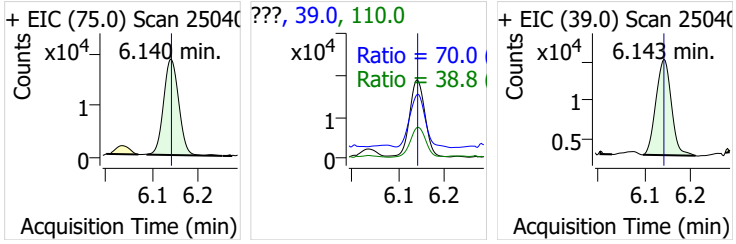
1,1,1-Trichloroethane



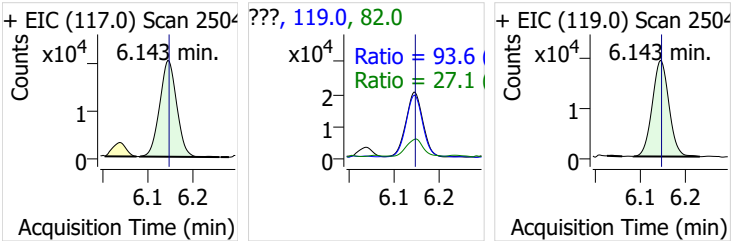
Pentafluorobenzene (S)



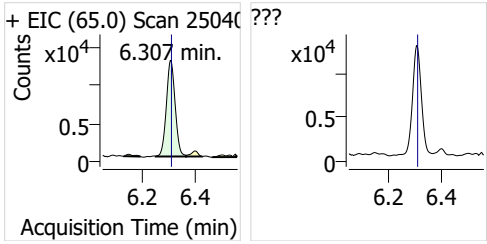
1,1-Dichloropropylene



Carbon Tetrachloride

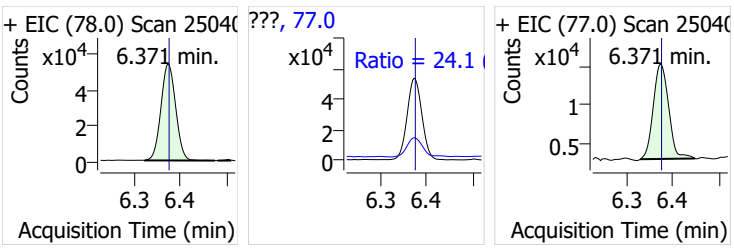


1,2-Dichloroethane-d4 (S)

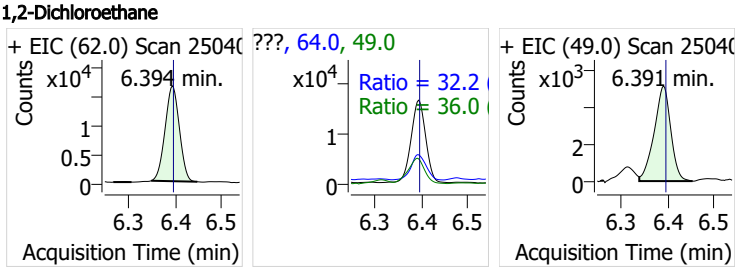


No Qualifier

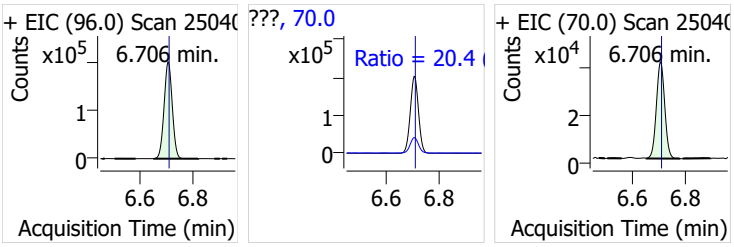
Benzene



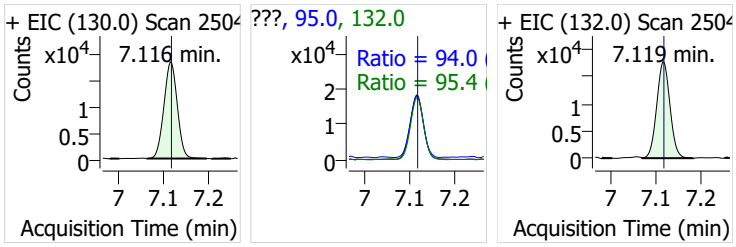
1,2-Dichloroethane



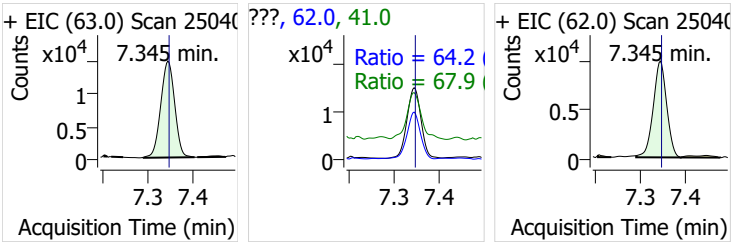
Fluorobenzene



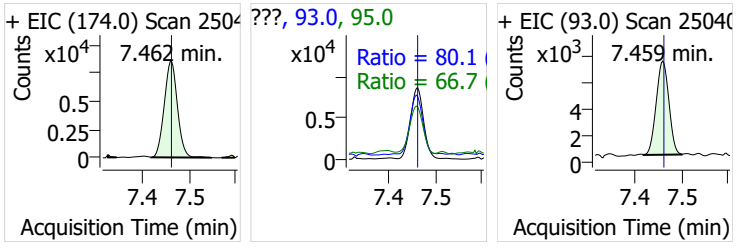
Trichloroethylene



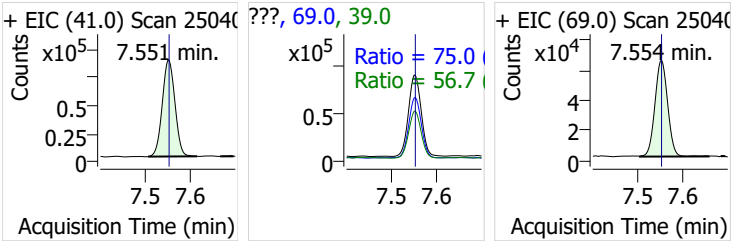
1,2-Dichloropropane



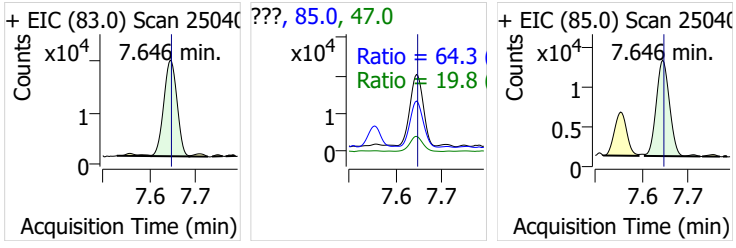
Dibromomethane



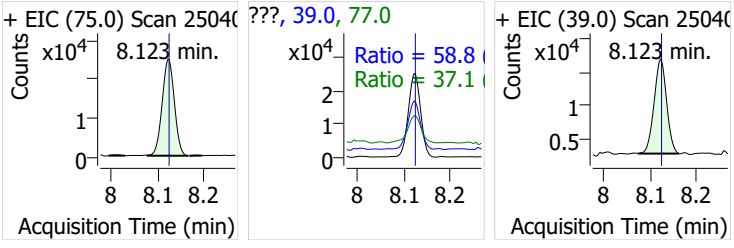
Methyl Methacrylate



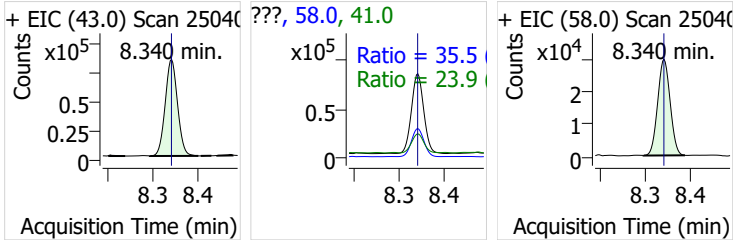
Bromodichloromethane



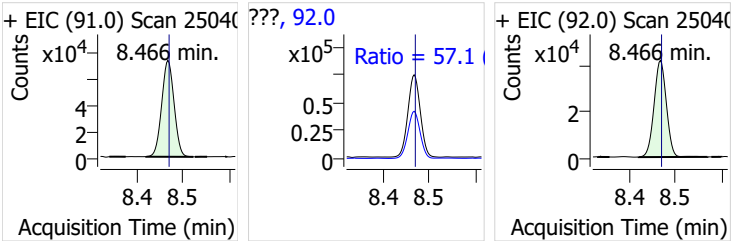
cis 1,3-Dichloropropylene



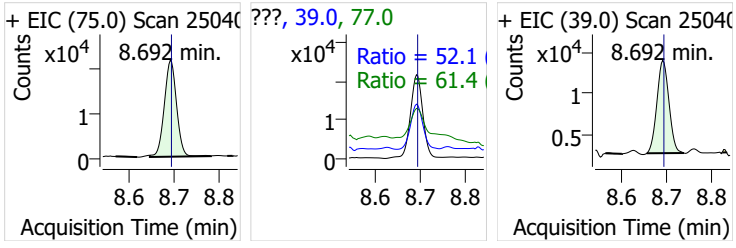
4-Methyl-2-pentanone (MIBK)



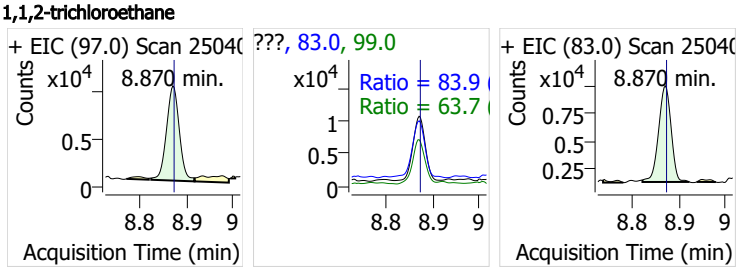
Toluene



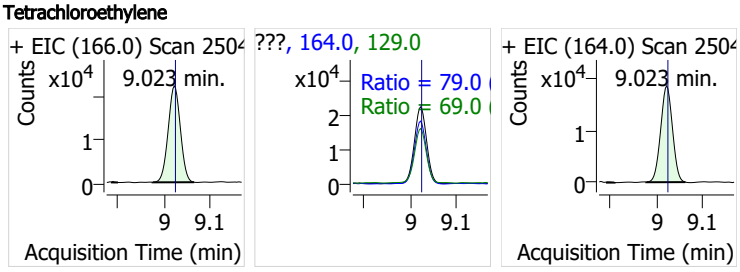
trans 1,3-Dichloropropylene



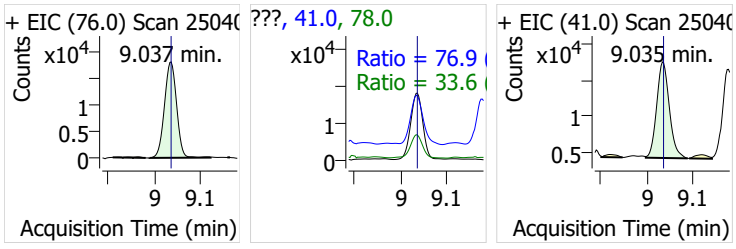
1,1,2-trichloroethane



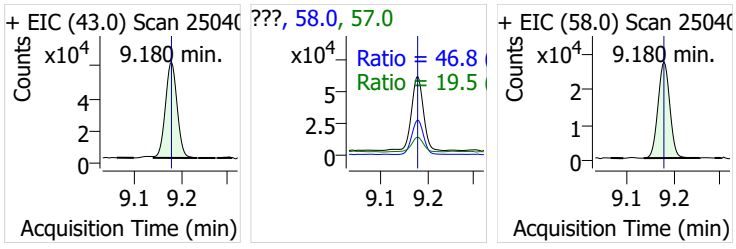
Tetrachloroethylene



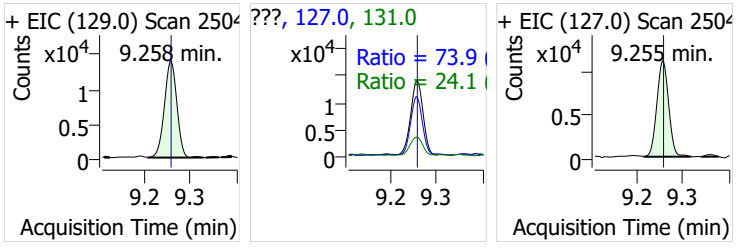
1,3-Dichloropropane



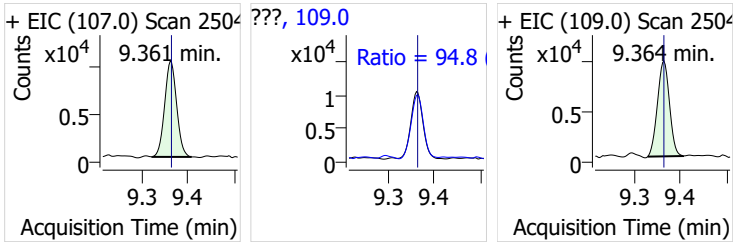
2-Hexanone



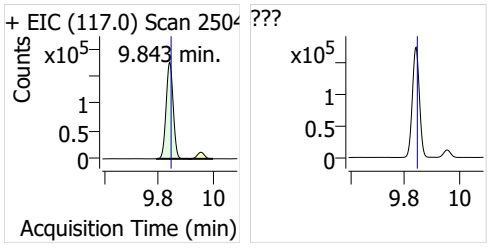
Dibromochloromethane



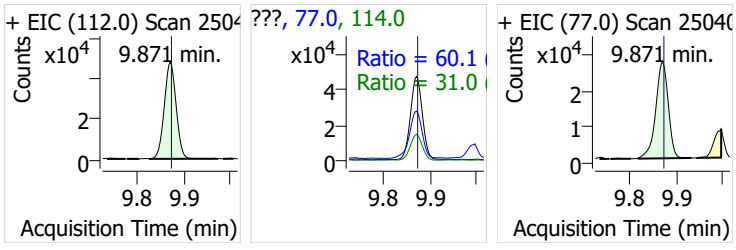
1,2-Dibromoethane (EDB)



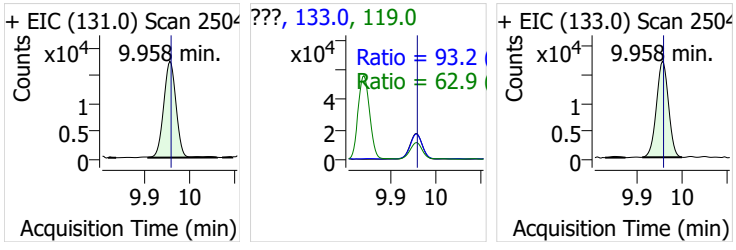
Chlorobenzene-d5



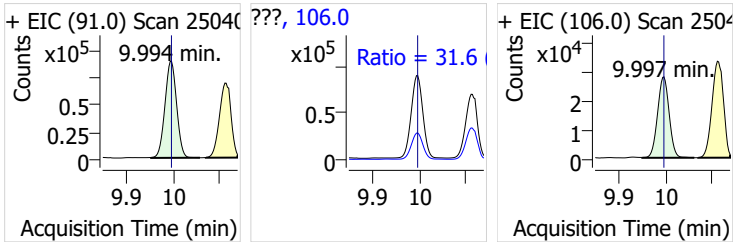
Chlorobenzene



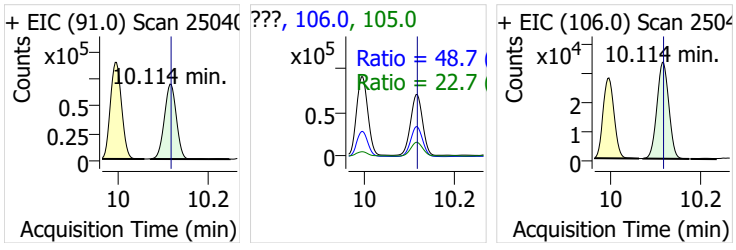
1,1,1,2-Tetrachloroethane



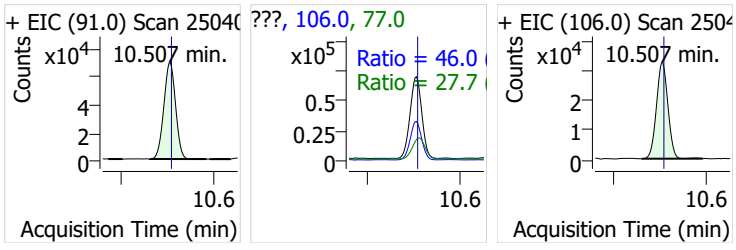
Ethylbenzene



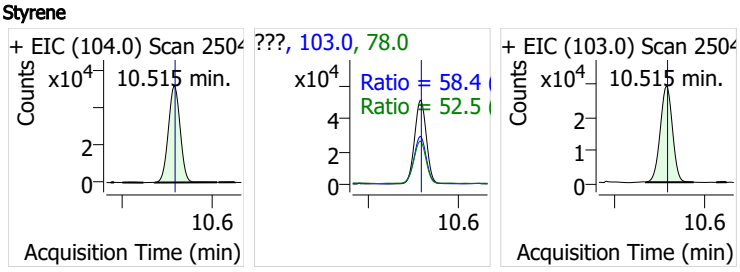
m,p-Xylenes



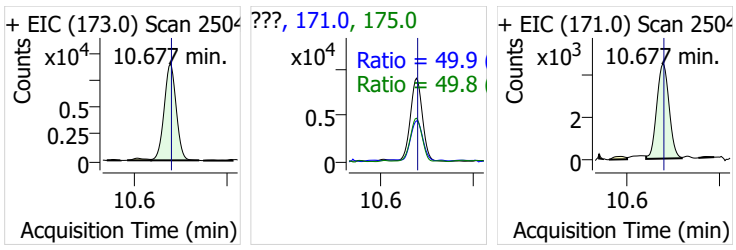
o-Xylene



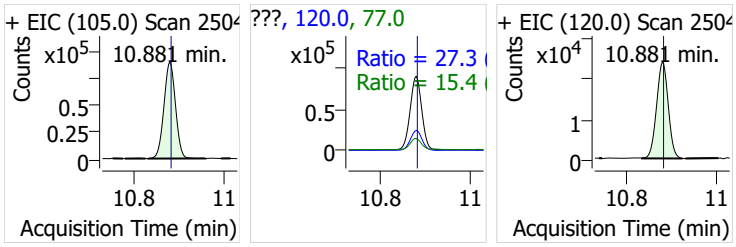
Styrene



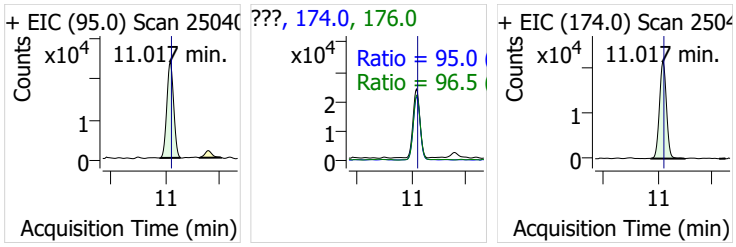
Bromoform



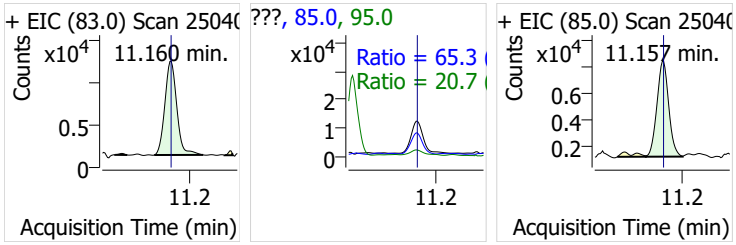
Isopropylbenzene



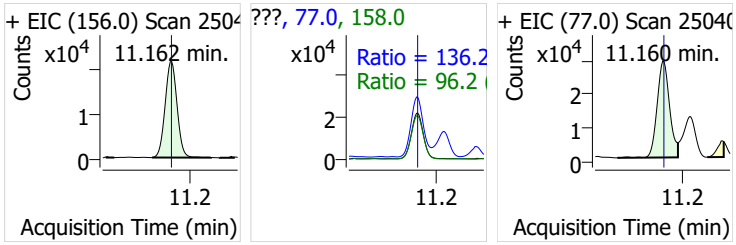
4-Bromofluorobenzene (S)



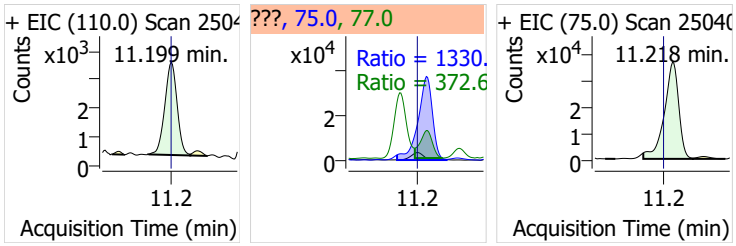
1,1,2,2-Tetrachloroethane



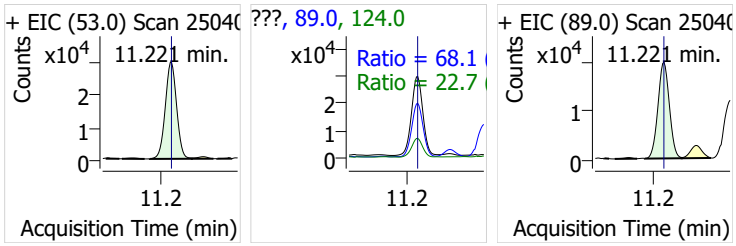
Bromobenzene



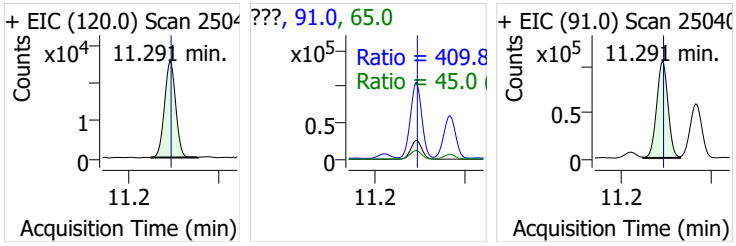
1,2,3-Trichloropropane



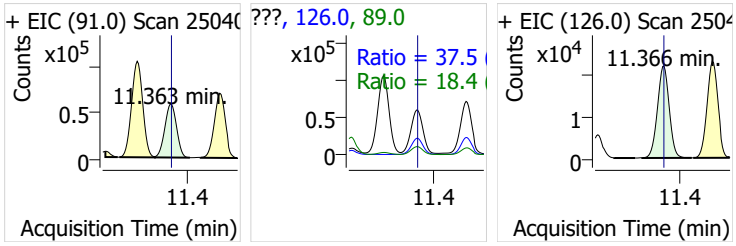
trans-1,4-Dichloro-2-butene



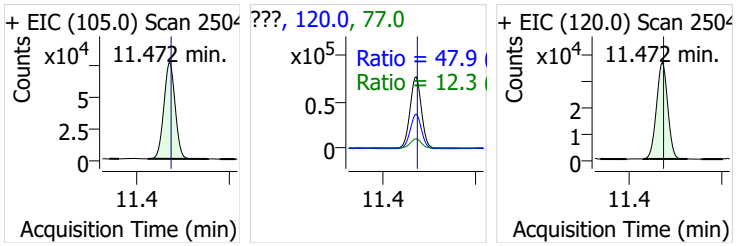
n-Propylbenzene



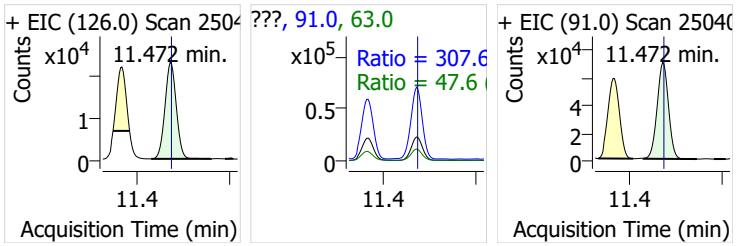
2-Chlorotoluene



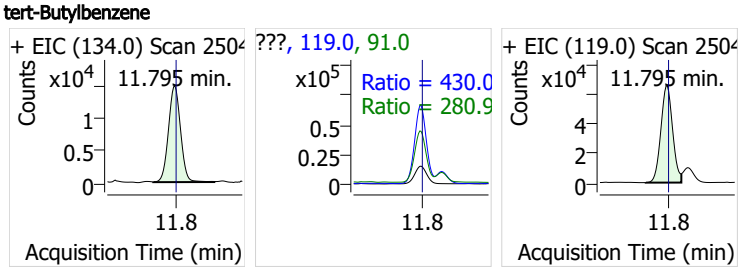
1,3,5-Trimethylbenzene



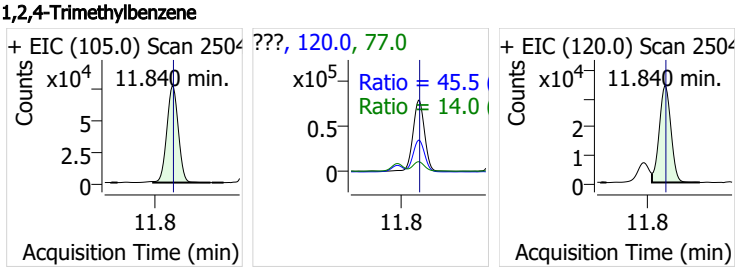
4-Chlorotoluene



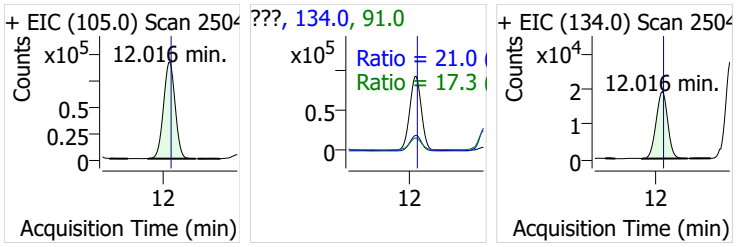
tert-Butylbenzene



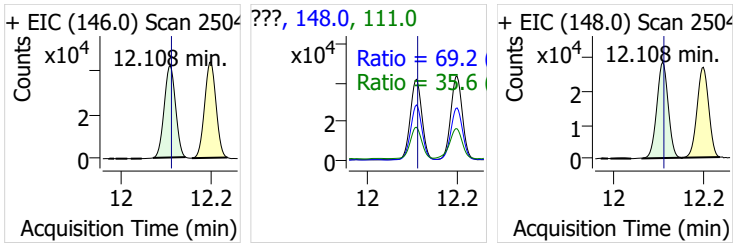
1,2,4-Trimethylbenzene



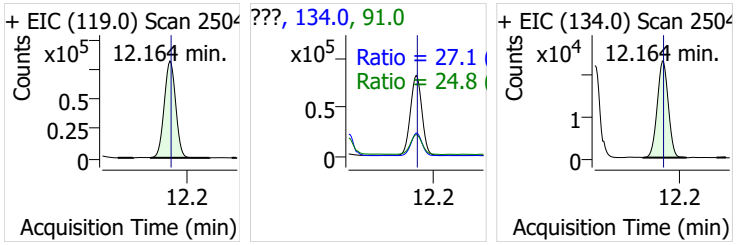
sec-Butylbenzene



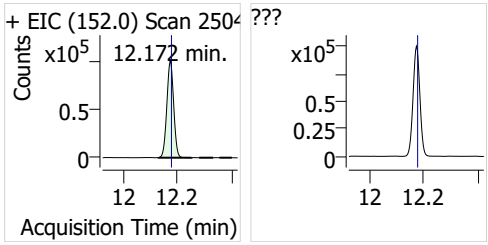
1,3-Dichlorobenzene



p-Isopropyltoluene

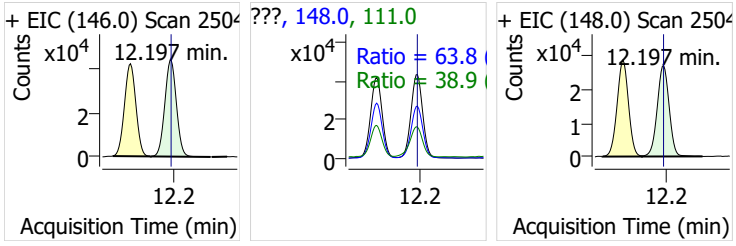


1,4-Dichlorobenzene-d4

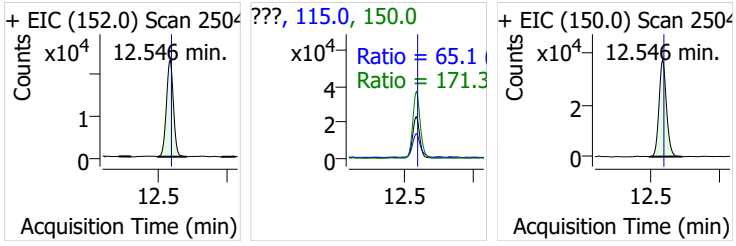


No Qualifier

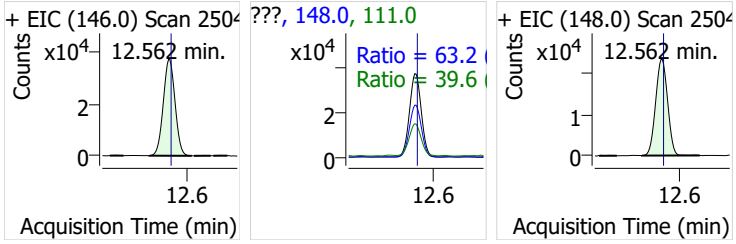
1,4-Dichlorobenzene



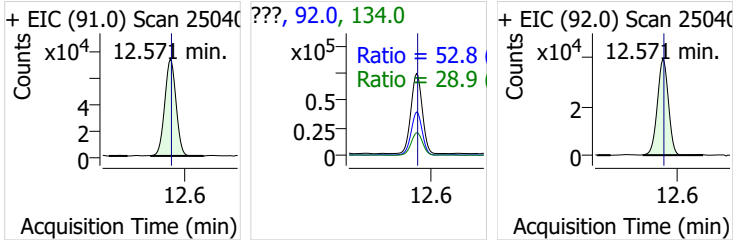
1,2-Dichlorobenzene-d4 (S)



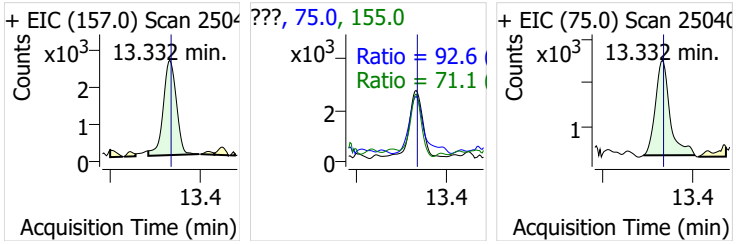
1,2-Dichlorobenzene



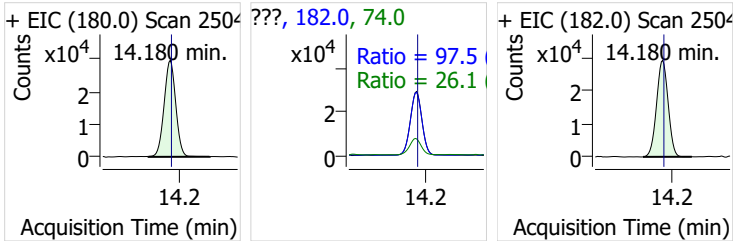
n-Butylbenzene



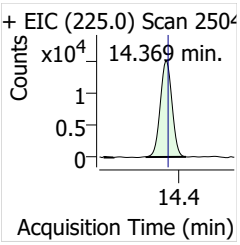
1,2-Dibromo-3-chloropropane

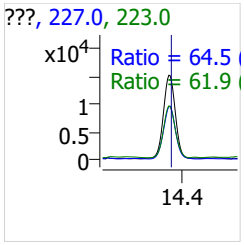


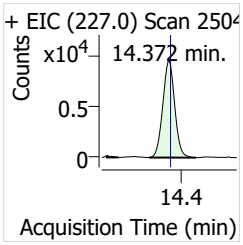
1,2,4-Trichlorobenzene



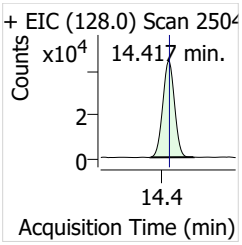
Hexachlorobutadiene

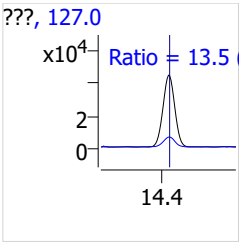


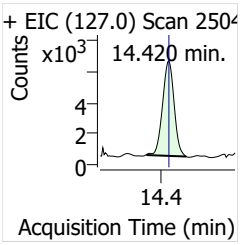




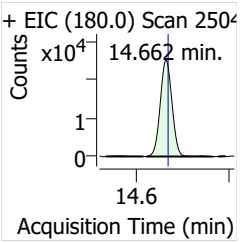
Naphthalene

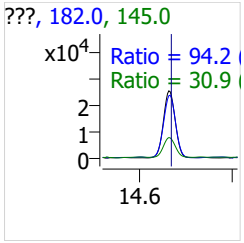


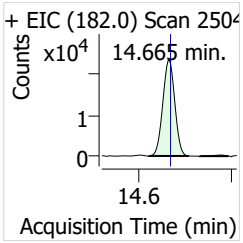




1,2,3-Trichlorobenzene







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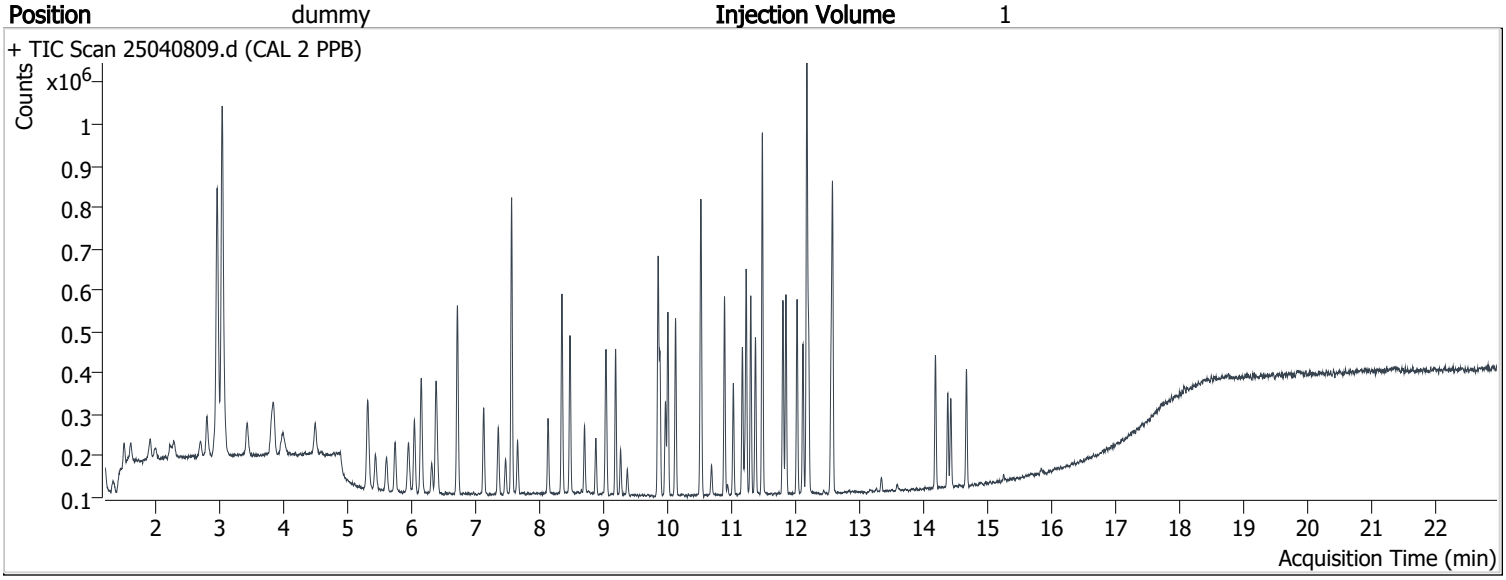
Report Time	5/12/2025 11:37:29 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040809.d	**Sample Name**	CAL 2 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 9:02 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.031	1.9259
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.302	2.0362
4-Bromofluorobenzene (S)	S	Surrogate	11.017	1.9881
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.545	2.0965
		Total		8.05

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.321	1.7956
Bromomethane	T	Target	1.898	2.0470
Chloroethane	T	Target	1.976	1.9882
Trichlorofluoromethane	T	Target	2.269	1.5428
Acetone	T	Target	2.911	20.8213
Iodomethane	T	Target	2.947	20.1229
Carbon Disulfide	T	Target	3.025	20.3551
Dichloromethane	T	Target	3.413	2.0328
trans 1,2-Dichloroethylene	T	Target	3.831	2.0059
MTBE	T	Target	3.970	2.0329
2,2-Dichloropropane	T	Target	5.303	1.9844
cis 1,2-Dichloroethylene	T	Target	5.300	2.0705
2-Butanone (MEK)	T	Target	5.423	20.9115
Bromochloromethane	T	Target	5.593	2.0244
1,1,1-Trichloroethane	T	Target	5.939	1.9383
1,1-Dichloropropylene	T	Target	6.137	1.9541
Carbon Tetrachloride	T	Target	6.137	1.9447
Benzene	T	Target	6.369	2.0015
1,2-Dichloroethane	T	Target	6.391	2.0235

Trichloroethylene	T	Target	7.113	2.0105
Dibromomethane	T	Target	7.459	2.0746
Methyl Methacrylate	T	Target	7.551	20.2506
Bromodichloromethane	T	Target	7.643	2.0343
cis 1,3-Dichloropropylene	T	Target	8.123	2.0309
4-Methyl-2-pentanone (MIBK)	T	Target	8.337	20.6115
trans 1,3-Dichloropropylene	T	Target	8.692	1.9664
1,1,2-trichloroethane	T	Target	8.867	1.9483
Tetrachloroethylene	T	Target	9.023	1.9873
1,3-Dichloropropane	T	Target	9.035	1.9687
2-Hexanone	T	Target	9.177	20.4017
Dibromochloromethane	T	Target	9.255	2.0747
1,2-Dibromoethane (EDB)	T	Target	9.361	1.9619
1,1,1,2-Tetrachloroethane	T	Target	9.958	2.0058
m,p-Xylenes	T	Target	10.114	1.9737
o-Xylene	T	Target	10.504	1.9921
Styrene	T	Target	10.515	1.9471
Isopropylbenzene	T	Target	10.881	1.9753
Bromobenzene	T	Target	11.160	2.1046
1,2,3-Trichloropropane	T	Target	11.196	2.1084
trans-1,4-Dichloro-2-butene	T	Target	11.218	21.6236
n-Propylbenzene	T	Target	11.291	2.0759
2-Chlorotoluene	T	Target	11.363	2.0767
1,3,5-Trimethylbenzene	T	Target	11.472	2.0768
4-Chlorotoluene	T	Target	11.472	2.1050
tert-Butylbenzene	T	Target	11.793	1.9998
1,2,4-Trimethylbenzene	T	Target	11.840	2.0852
sec-Butylbenzene	T	Target	12.016	2.0533
1,3-Dichlorobenzene	T	Target	12.108	2.1030
p-Isopropyltoluene	T	Target	12.163	2.0625
1,4-Dichlorobenzene	T	Target	12.194	2.1072
1,2-Dichlorobenzene	T	Target	12.565	2.1381
n-Butylbenzene	T	Target	12.571	2.0352
1,2-Dibromo-3-chloropropane	T	Target	13.332	2.1057
1,2,4-Trichlorobenzene	T	Target	14.180	2.0803
Hexachlorobutadiene	T	Target	14.372	1.9983
Naphthalene	T	Target	14.417	2.1480
1,2,3-Trichlorobenzene	T	Target	14.662	2.0591
			Total	263.96

Compound	Compound Group	Compound Type	RT	Final Conc.
Chloromethane	P	Target	1.491	2.0611
1,1-Dichloroethane	P	Target	4.478	1.9924
Chlorobenzene	P	Target	9.871	1.9587
Bromoform	P	Target	10.677	1.9565
1,1,2,2-Tetrachloroethane	P	Target	11.160	2.1085
			Total	10.08

Compound	Compound Group	Compound Type	RT	Final Conc.
Vinyl Chloride	C	Target	1.594	1.9774
1,1-Dichloroethylene	C	Target	2.788	1.9663
Chloroform	C	Target	5.730	2.0037
1,2-Dichloropropane	C	Target	7.342	2.0217
Toluene	C	Target	8.463	1.9776
Ethylbenzene	C	Target	9.994	1.9774
			Total	11.92

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.703	96	404441
Chlorobenzene-d5	ISTD	9.843	117	307012
1,4-Dichlorobenzene-d4	ISTD	12.172	152	170142

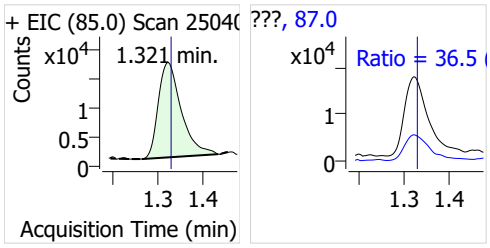
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.321	1.326	85	87.0	57906	21140	36.5	30.6	Fluorobenzene	0.1432	1.7956	ug/L
Chloromethane	1.491	1.494	50	52.0	70170	24068	34.3	33.4	Fluorobenzene	0.1735	2.0611	ug/L
Vinyl Chloride	1.594	1.600	62	64.0	66722	20877	31.3	32.2	Fluorobenzene	0.1650	1.9774	ug/L
Bromomethane	1.898	1.904	94	96.0	45074	43890	97.4	94.4	Fluorobenzene	0.1114	2.0470	ug/L
Chloroethane	1.976	1.985	64	66.0	35882	11224	31.3	34.0	Fluorobenzene	0.0887	1.9882	ug/L
Trichlorofluoromethane	2.269	2.275	101	103.0	54792	57563	105.1	62.3	Fluorobenzene	0.1355	1.5428	ug/L
1,1-Dichloroethylene	2.788	2.793	61	96.0	81113	48876	60.3	58.9	Fluorobenzene	0.2006	1.9663	ug/L
Acetone	2.911	2.910	58	43.0	22962	64885	282.6	345.3	Fluorobenzene	0.0568	20.8213	ug/L
Iodomethane	2.947	2.952	142	127.0	1003244	431833	43.0	42.1	Fluorobenzene	2.4806	20.1229	ug/L
Carbon Disulfide	3.025	3.033	76	No Q.	1702739	No Q.	No Q.	No Q.	Fluorobenzene	4.2101	20.3551	ug/L
Dichloromethane	3.413	3.421	49	84.0	66795	50219	75.2	77.1	Fluorobenzene	0.1652	2.0328	ug/L
trans 1,2-Dichloroethylene	3.831	3.836	61	96.0	82234	54048	65.7	68.4	Fluorobenzene	0.2033	2.0059	ug/L
MTBE	3.970	3.976	73	57.0	111989	24715	22.1	22.4	Fluorobenzene	0.2769	2.0329	ug/L
1,1-Dichloroethane	4.478	4.483	63	65.0	98121	31083	31.7	32.0	Fluorobenzene	0.2426	1.9924	ug/L
2,2-Dichloropropane	5.303	5.306	77	79.0	94592	28961	30.6	32.9	Fluorobenzene	0.2339	1.9844	ug/L
cis 1,2-Dichloroethylene	5.300	5.306	96	61.0	64765	97557	150.6	153.8	Fluorobenzene	0.1601	2.0705	ug/L
2-Butanone (MEK)	5.423	5.423	72	43.0	31836	133125	418.2	410.8	Fluorobenzene	0.0787	20.9115	ug/L
Bromochloromethane	5.593	5.596	49	130.0	43649	35898	82.2	83.1	Fluorobenzene	0.1079	2.0244	ug/L
Chloroform	5.730	5.733	83	85.0	103967	67498	64.9	64.4	Fluorobenzene	0.2571	2.0037	ug/L
1,1,1-Trichloroethane	5.939	5.939	97	99.0	98752	58962	59.7	59.6	Fluorobenzene	0.2442	1.9383	ug/L
Pentafluorobenzene (S)	6.031	6.034	168	99.0	134381	68752	51.2	50.0	Fluorobenzene	0.3323	1.9259	ug/L
1,1-Dichloropropylene	6.137	6.140	75	39.0	80172	52417	65.4	66.1	Fluorobenzene	0.1982	1.9541	ug/L
Carbon Tetrachloride	6.137	6.142	117	119.0	93403	87740	93.9	96.7	Fluorobenzene	0.2309	1.9447	ug/L
1,2-Dichloroethane-d4 (S)	6.302	6.304	65	No Q.	55748	No Q.	No Q.	No Q.	Fluorobenzene	0.1378	2.0362	ug/L
Benzene	6.369	6.371	78	77.0	231857	56737	24.5	23.4	Fluorobenzene	0.5733	2.0015	ug/L
1,2-Dichloroethane	6.391	6.393	62	49.0	69452	23905	34.4	33.8	Fluorobenzene	0.1717	2.0235	ug/L
Trichloroethylene	7.113	7.116	130	132.0	70037	66896	95.5	97.6	Fluorobenzene	0.1732	2.0105	ug/L
1,2-Dichloropropane	7.342	7.344	63	62.0	59939	39317	65.6	66.0	Fluorobenzene	0.1482	2.0217	ug/L
Dibromomethane	7.459	7.459	174	93.0	34992	28450	81.3	80.9	Fluorobenzene	0.0865	2.0746	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	335621	246212	73.4	72.9	Fluorobenzene	0.8298	20.2506	ug/L
Bromodichloromethane	7.643	7.646	83	85.0	76305	47823	62.7	64.4	Fluorobenzene	0.1887	2.0343	ug/L
cis 1,3-Dichloropropylene	8.123	8.122	75	39.0	91355	52350	57.3	57.6	Fluorobenzene	0.2259	2.0309	ug/L
4-Methyl-2-pentanone (MIBK)	8.337	8.337	43	58.0	314085	113398	36.1	36.2	Fluorobenzene	0.7766	20.6115	ug/L
Toluene	8.463	8.465	91	92.0	263870	149807	56.8	56.5	Chlorobenzene-d5	0.8595	1.9776	ug/L
trans 1,3-Dichloropropylene	8.692	8.691	75	39.0	76120	42486	55.8	54.3	Chlorobenzene-d5	0.2479	1.9664	ug/L
1,1,2-trichloroethane	8.867	8.870	97	83.0	38179	34128	89.4	87.0	Chlorobenzene-d5	0.1244	1.9483	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	79047	60724	76.8	78.9	Chlorobenzene-d5	0.2575	1.9873	ug/L
1,3-Dichloropropane	9.035	9.034	76	41.0	64935	48357	74.5	72.5	Chlorobenzene-d5	0.2115	1.9687	ug/L
2-Hexanone	9.177	9.177	43	58.0	213449	105946	49.6	48.4	Chlorobenzene-d5	0.6952	20.4017	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	54870	41191	75.1	76.7	Chlorobenzene-d5	0.1787	2.0747	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	37549	35557	94.7	93.1	Chlorobenzene-d5	0.1223	1.9619	ug/L
Chlorobenzene	9.871	9.871	112	77.0	164078	101569	61.9	59.3	Chlorobenzene-d5	0.5344	1.9587	ug/L
1,1,1,2-Tetrachloroethane	9.958	9.957	131	133.0	63497	61097	96.2	95.7	Chlorobenzene-d5	0.2068	2.0058	ug/L
Ethylbenzene	9.994	9.994	91	106.0	295752	95345	32.2	32.2	Chlorobenzene-d5	0.9633	1.9774	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	236412	113348	47.9	49.6	Chlorobenzene-d5	0.7700	1.9737	ug/L
o-Xylene	10.504	10.507	91	106.0	238669	110113	46.1	46.5	Chlorobenzene-d5	0.7774	1.9921	ug/L
Styrene	10.515	10.515	104	103.0	178491	104392	58.5	56.7	Chlorobenzene-d5	0.5814	1.9471	ug/L
Bromoform	10.677	10.677	173	171.0	32735	16956	51.8	51.4	Chlorobenzene-d5	0.1066	1.9565	ug/L
Isopropylbenzene	10.881	10.880	105	120.0	298970	79325	26.5	26.9	Chlorobenzene-d5	0.9738	1.9753	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	80155	74526	93.0	91.9	Chlorobenzene-d5	0.2611	1.9881	ug/L
1,1,2,2-Tetrachloroethane	11.160	11.157	83	85.0	42712	25515	59.7	63.9	1,4-Dichlorobenzene-d4	0.2510	2.1085	ug/L
Bromobenzene	11.160	11.159	156	77.0	75706	107702	142.3	147.8	1,4-Dichlorobenzene-d4	0.4450	2.1046	ug/L

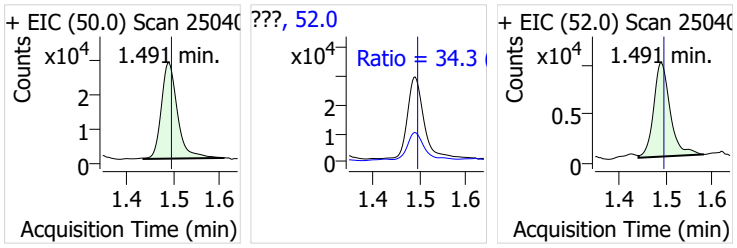
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.196	11.196	110	75.0	12590	164549	1307.0	768.8	1,4-Dichlorobenzene-d4	0.0740	2.1084	ug/L
trans-1,4-Dichloro-2-butene	11.218	11.218	53	89.0	106609	70577	66.2	68.6	1,4-Dichlorobenzene-d4	0.6266	21.6236	ug/L
n-Propylbenzene	11.291	11.290	120	91.0	83721	348642	416.4	408.8	1,4-Dichlorobenzene-d4	0.4921	2.0759	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	200460	72531	36.2	35.2	1,4-Dichlorobenzene-d4	1.1782	2.0767	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	256366	121472	47.4	48.1	1,4-Dichlorobenzene-d4	1.5068	2.0768	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	74616	240463	322.3	321.7	1,4-Dichlorobenzene-d4	0.4386	2.1050	ug/L
tert-Butylbenzene	11.793	11.795	134	119.0	49406	220857	447.0	441.8	1,4-Dichlorobenzene-d4	0.2904	1.9998	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	261386	117678	45.0	45.0	1,4-Dichlorobenzene-d4	1.5363	2.0852	ug/L
sec-Butylbenzene	12.016	12.015	105	134.0	312882	63630	20.3	20.2	1,4-Dichlorobenzene-d4	1.8389	2.0533	ug/L
1,3-Dichlorobenzene	12.108	12.107	146	148.0	145693	92993	63.8	62.5	1,4-Dichlorobenzene-d4	0.8563	2.1030	ug/L
p-Isopropyltoluene	12.163	12.163	119	134.0	277924	77519	27.9	26.7	1,4-Dichlorobenzene-d4	1.6335	2.0625	ug/L
1,4-Dichlorobenzene	12.194	12.194	146	148.0	146492	94726	64.7	64.1	1,4-Dichlorobenzene-d4	0.8610	2.1072	ug/L
1,2-Dichlorobenzene-d4 (S)	12.545	12.545	152	150.0	80044	139195	173.9	172.9	1,4-Dichlorobenzene-d4	0.4705	2.0965	ug/L
1,2-Dichlorobenzene	12.565	12.565	146	148.0	135274	83308	61.6	64.5	1,4-Dichlorobenzene-d4	0.7951	2.1381	ug/L
n-Butylbenzene	12.571	12.570	91	92.0	242512	123219	50.8	51.5	1,4-Dichlorobenzene-d4	1.4253	2.0352	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	10103	8871	87.8	86.2	1,4-Dichlorobenzene-d4	0.0594	2.1057	ug/L
1,2,4-Trichlorobenzene	14.180	14.179	180	182.0	105255	101390	96.3	96.0	1,4-Dichlorobenzene-d4	0.6186	2.0803	ug/L
Hexachlorobutadiene	14.372	14.372	225	227.0	50858	32655	64.2	63.9	1,4-Dichlorobenzene-d4	0.2989	1.9983	ug/L
Naphthalene	14.417	14.416	128	127.0	170668	21813	12.8	13.1	1,4-Dichlorobenzene-d4	1.0031	2.1480	ug/L
1,2,3-Trichlorobenzene	14.662	14.665	180	182.0	89353	87844	98.3	94.1	1,4-Dichlorobenzene-d4	0.5252	2.0591	ug/L

Compound Graphics

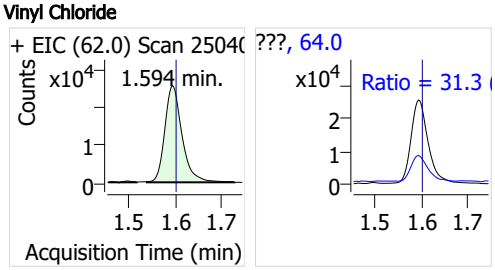
Dichlorodifluoromethane



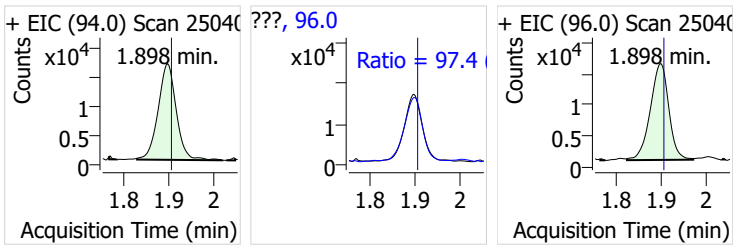
Chloromethane



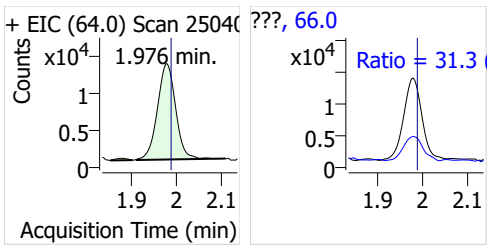
Vinyl Chloride



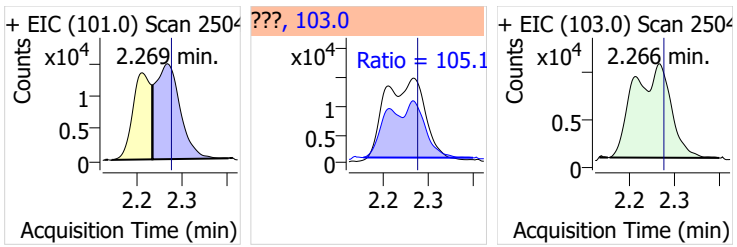
Bromomethane



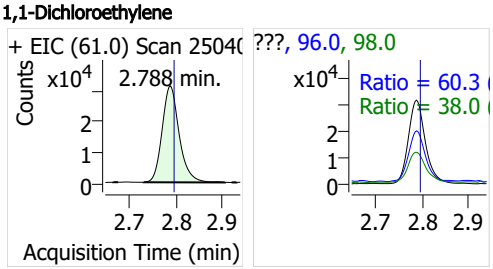
Chloroethane



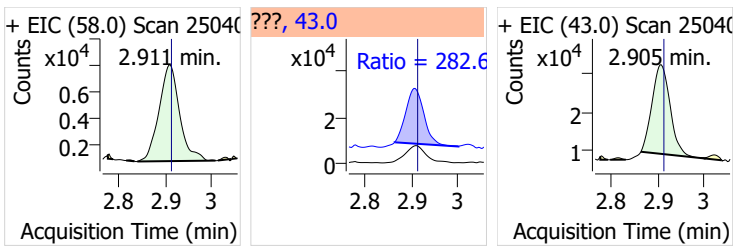
Trichlorofluoromethane



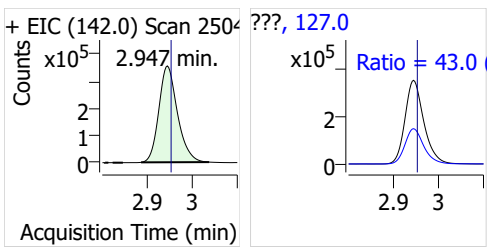
1,1-Dichloroethylene



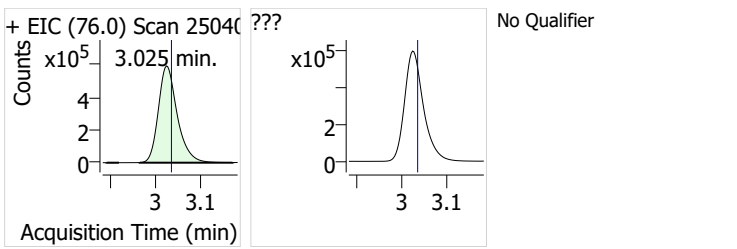
Acetone



Iodomethane

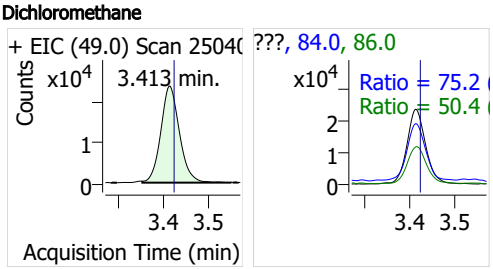


Carbon Disulfide

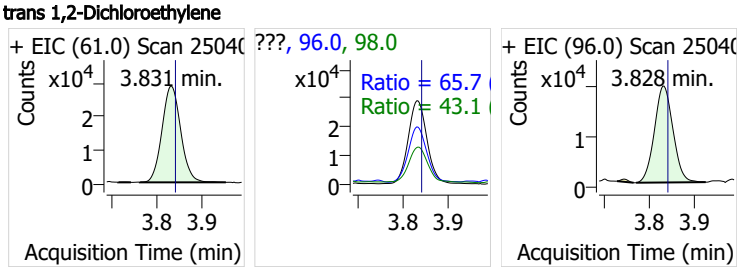


No Qualifier

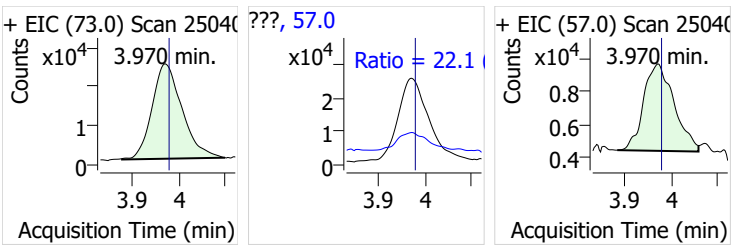
Dichloromethane



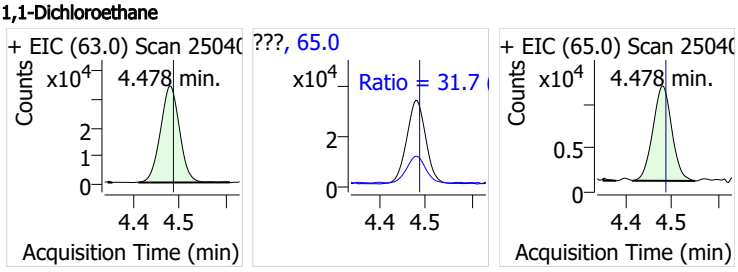
trans 1,2-Dichloroethylene



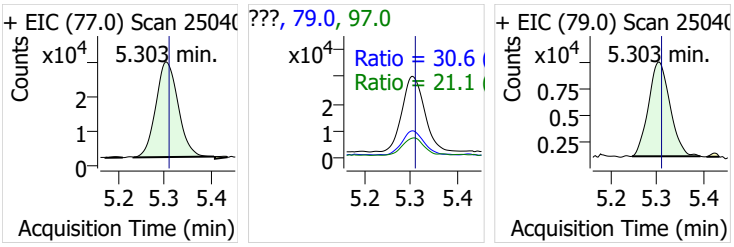
MTBE



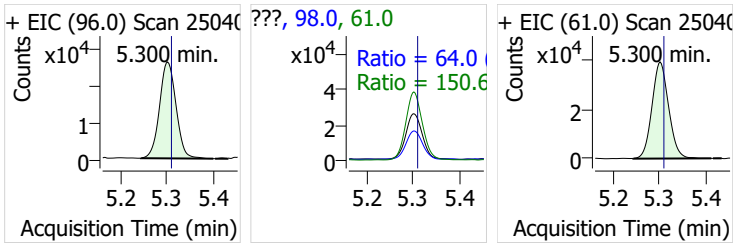
1,1-Dichloroethane



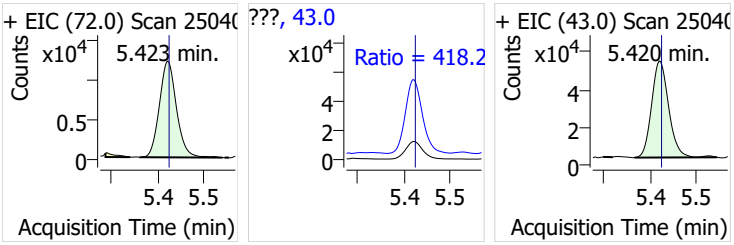
2,2-Dichloropropane



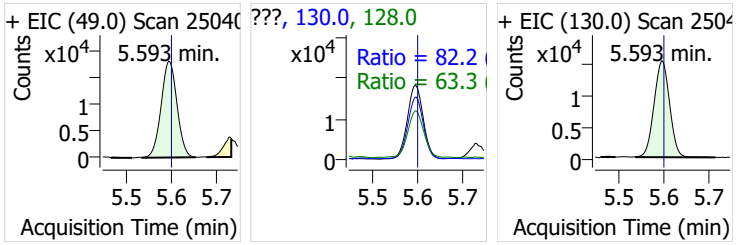
cis 1,2-Dichloroethylene



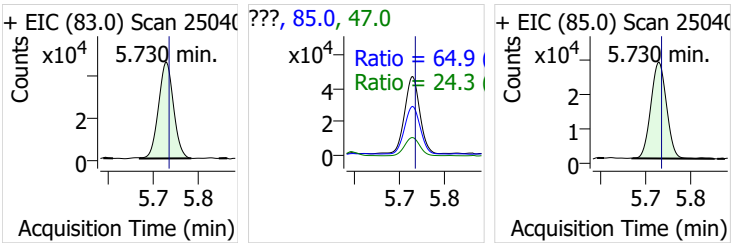
2-Butanone (MEK)



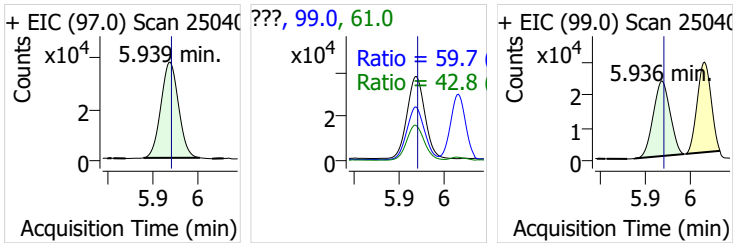
Bromochloromethane



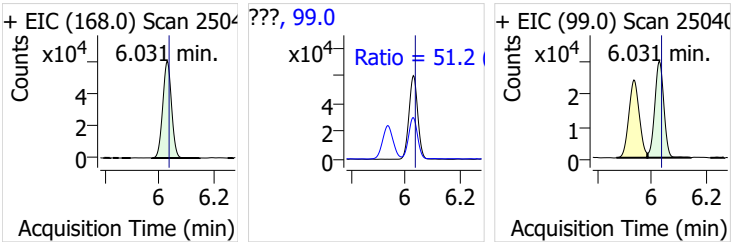
Chloroform



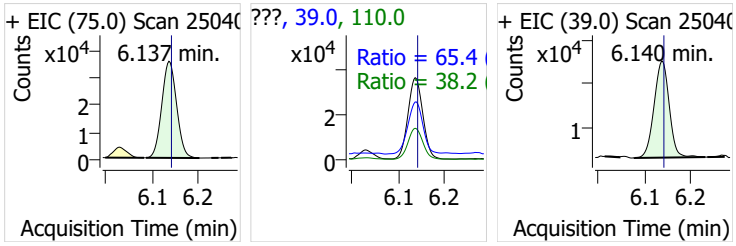
1,1,1-Trichloroethane



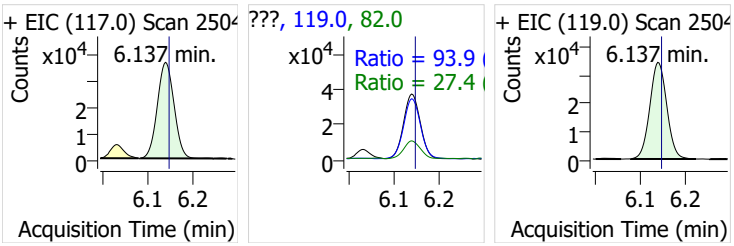
Pentafluorobenzene (S)



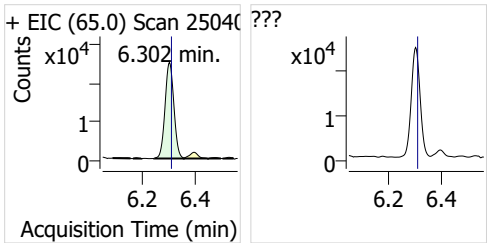
1,1-Dichloropropylene



Carbon Tetrachloride

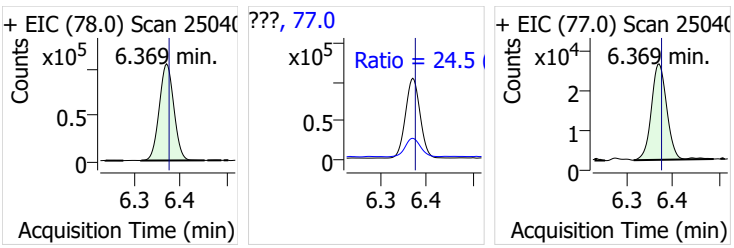


1,2-Dichloroethane-d4 (S)

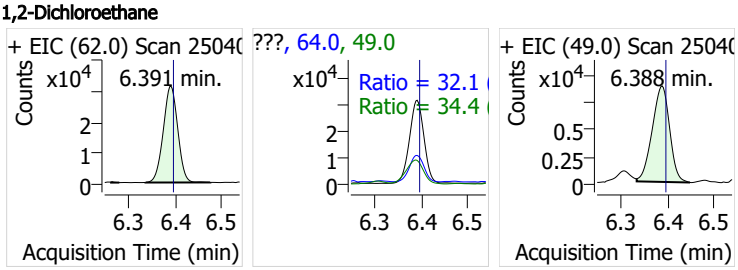


No Qualifier

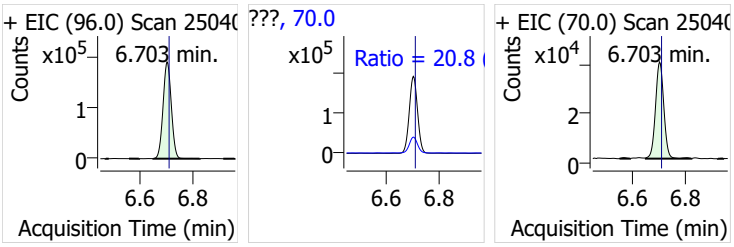
Benzene



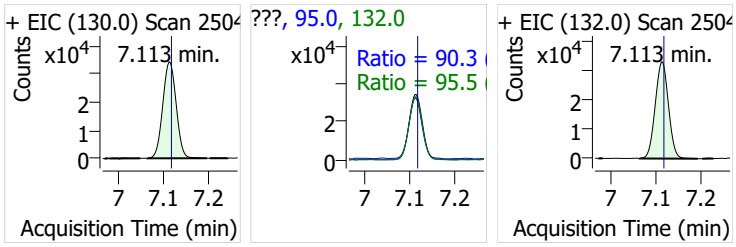
1,2-Dichloroethane



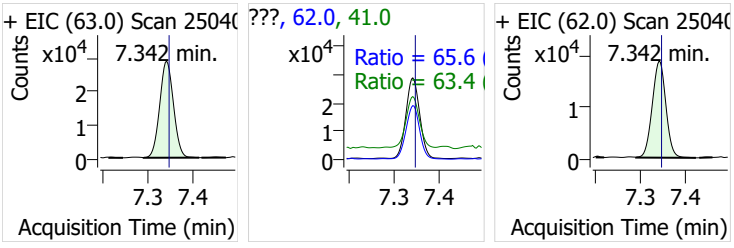
Fluorobenzene



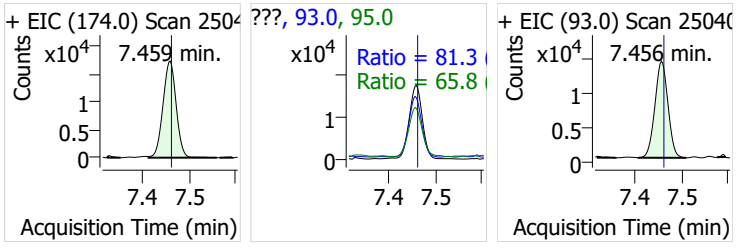
Trichloroethylene



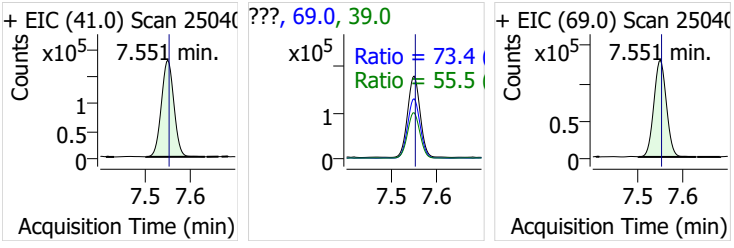
1,2-Dichloropropane



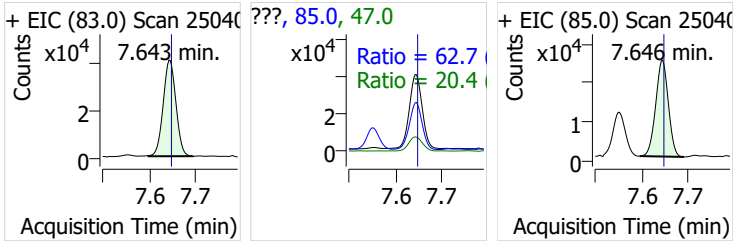
Dibromomethane



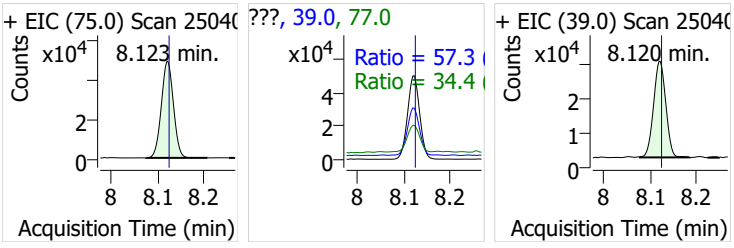
Methyl Methacrylate



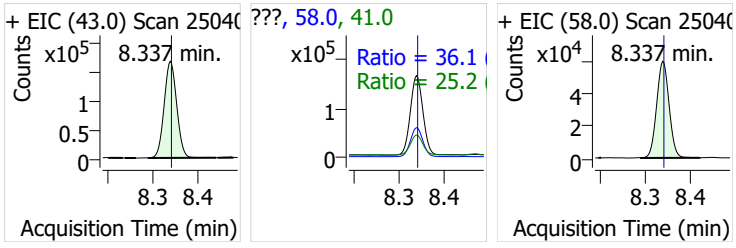
Bromodichloromethane



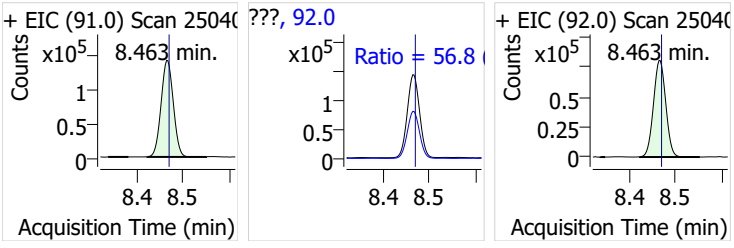
cis 1,3-Dichloropropylene



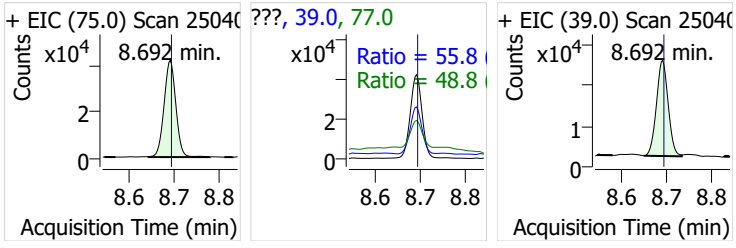
4-Methyl-2-pentanone (MIBK)



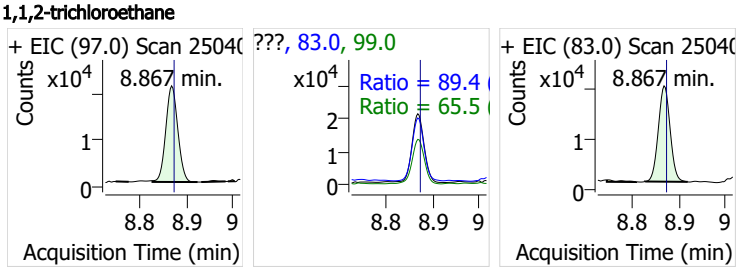
Toluene



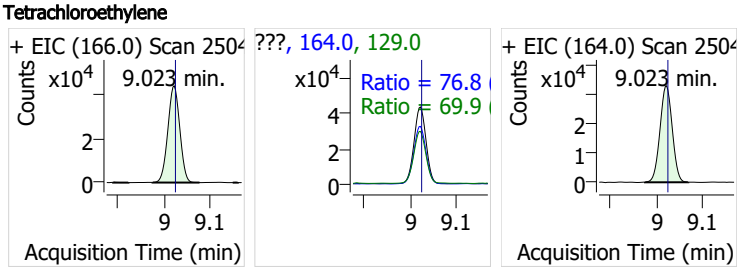
trans 1,3-Dichloropropylene



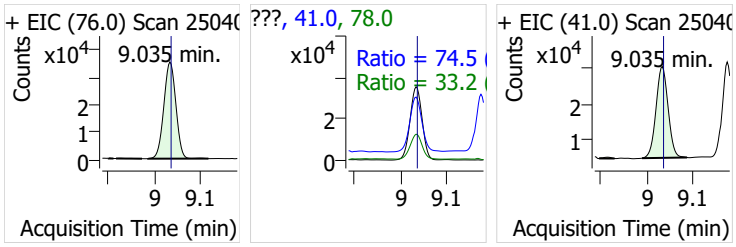
1,1,2-trichloroethane



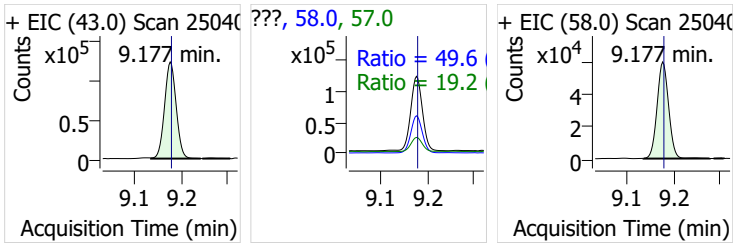
Tetrachloroethylene



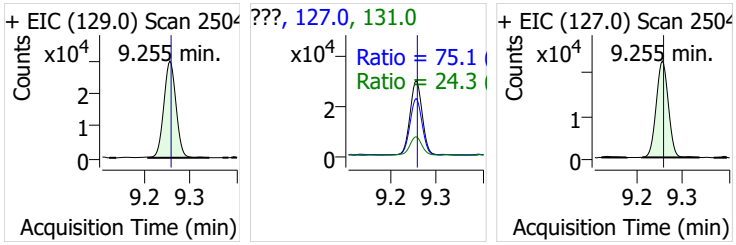
1,3-Dichloropropane



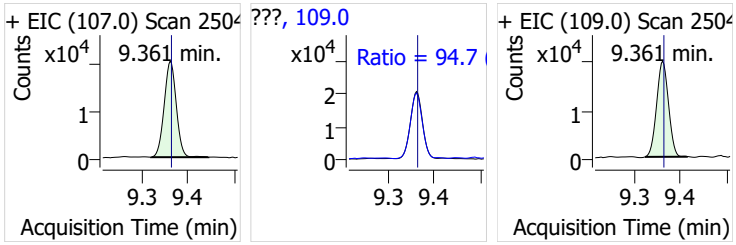
2-Hexanone



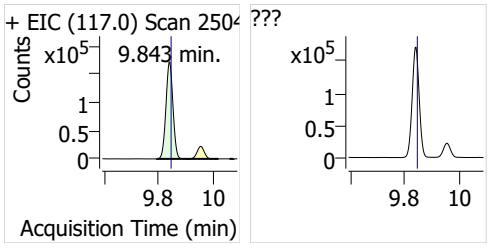
Dibromochloromethane



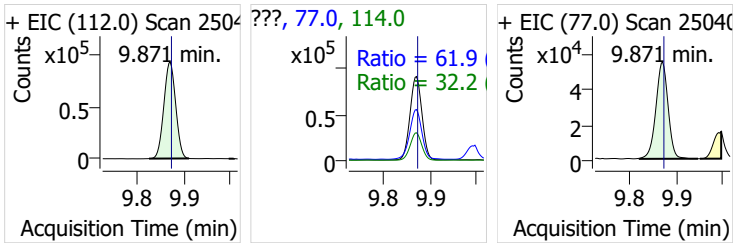
1,2-Dibromoethane (EDB)



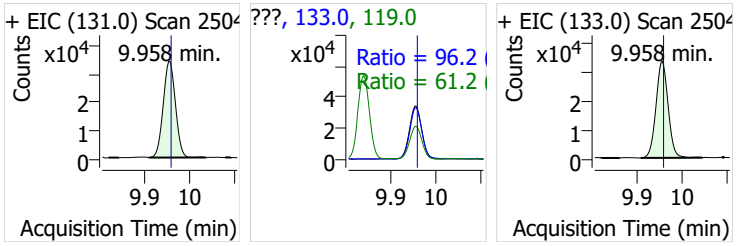
Chlorobenzene-d5



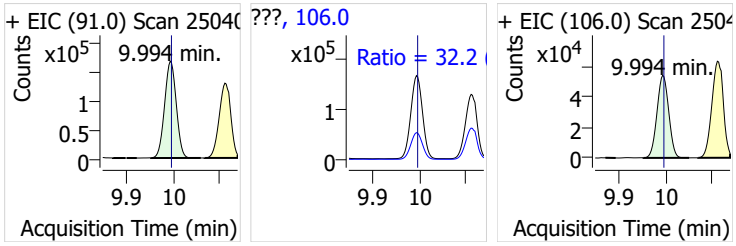
Chlorobenzene



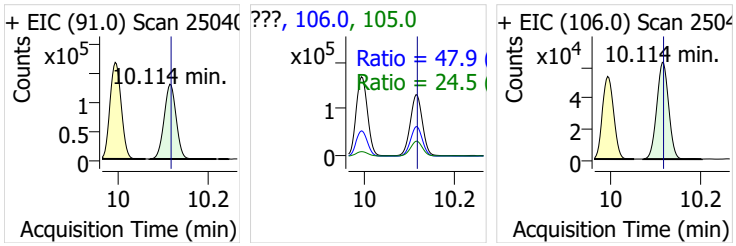
1,1,1,2-Tetrachloroethane



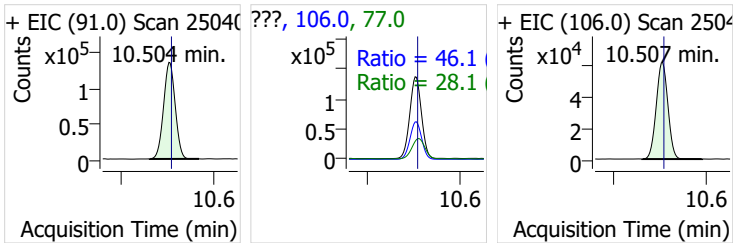
Ethylbenzene



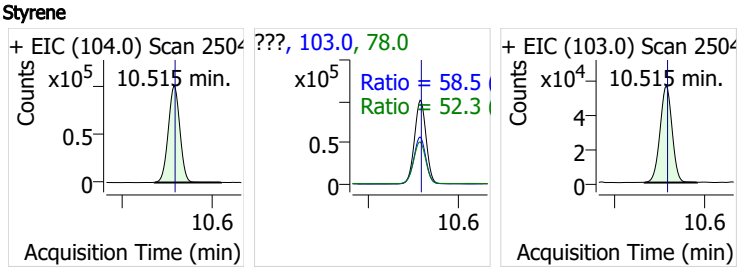
m,p-Xylenes



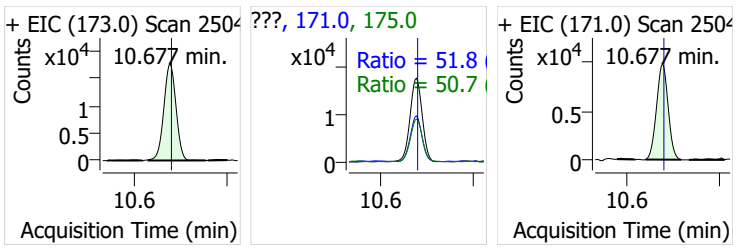
o-Xylene



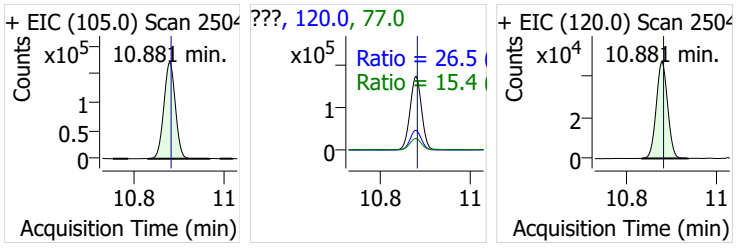
Styrene



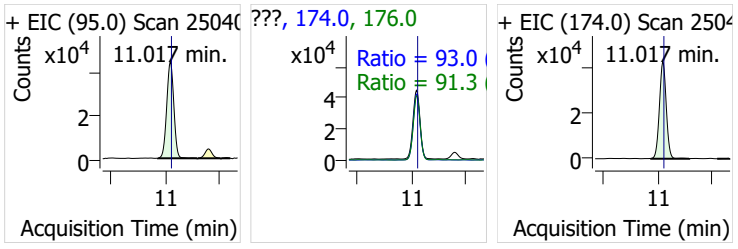
Bromoform



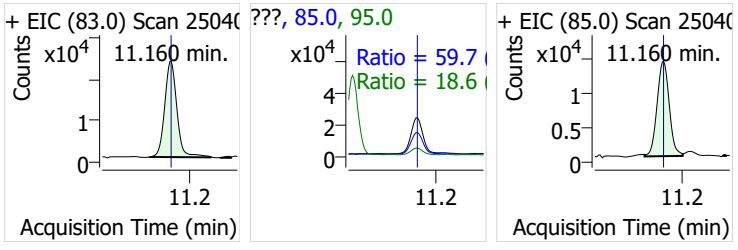
Isopropylbenzene



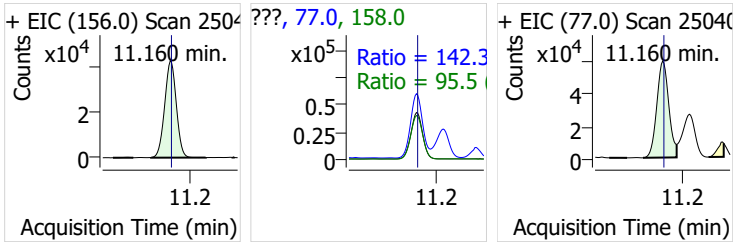
4-Bromofluorobenzene (S)



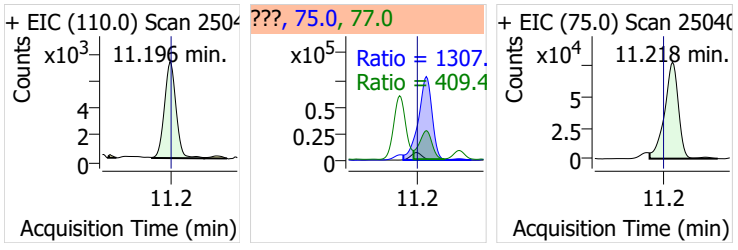
1,1,2,2-Tetrachloroethane



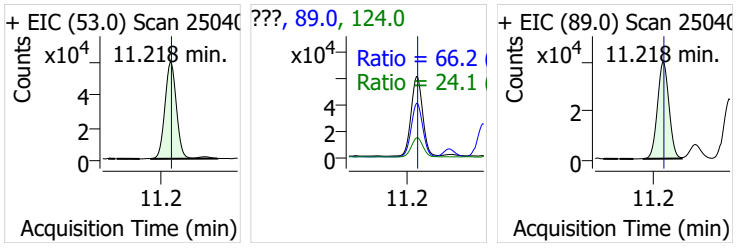
Bromobenzene



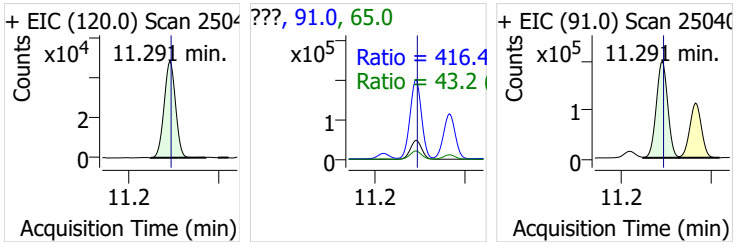
1,2,3-Trichloropropane



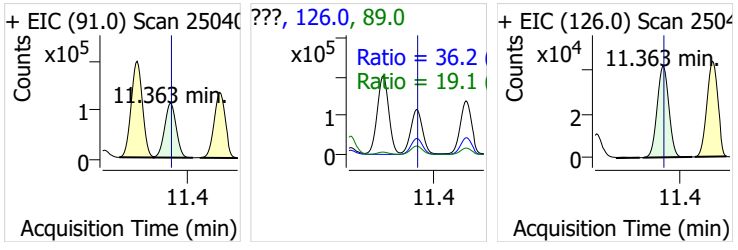
trans-1,4-Dichloro-2-butene



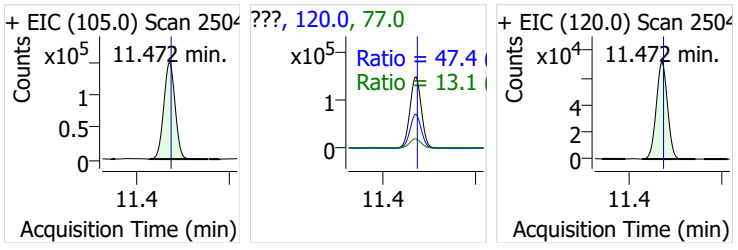
n-Propylbenzene



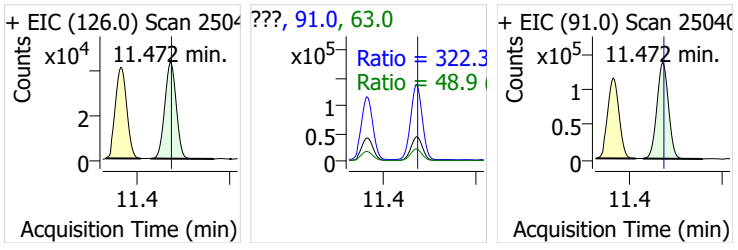
2-Chlorotoluene



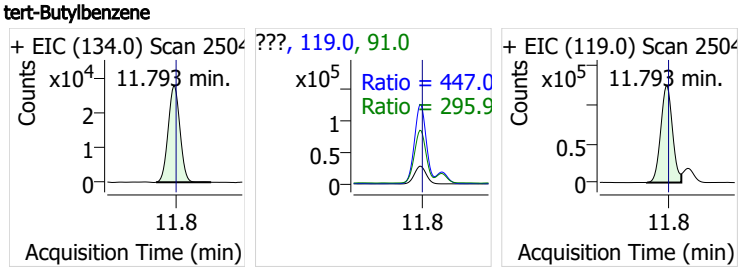
1,3,5-Trimethylbenzene



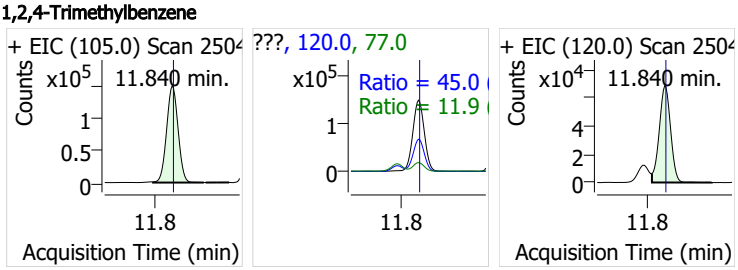
4-Chlorotoluene



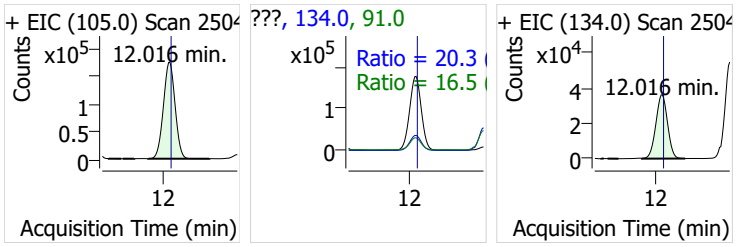
tert-Butylbenzene



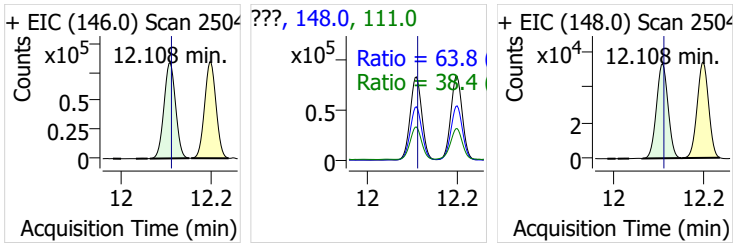
1,2,4-Trimethylbenzene



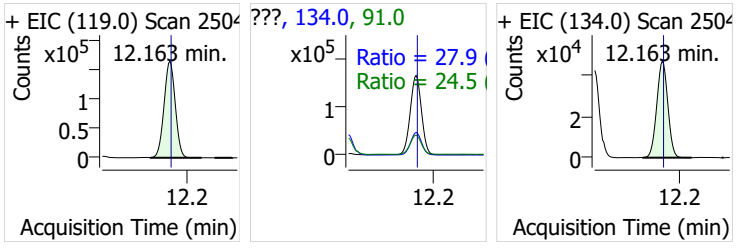
sec-Butylbenzene



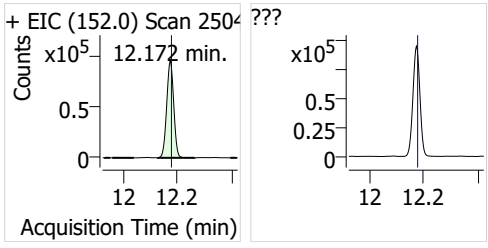
1,3-Dichlorobenzene



p-Isopropyltoluene

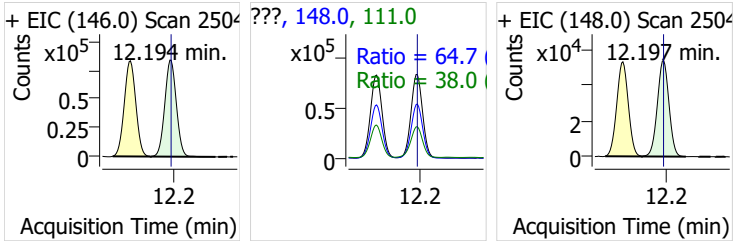


1,4-Dichlorobenzene-d4

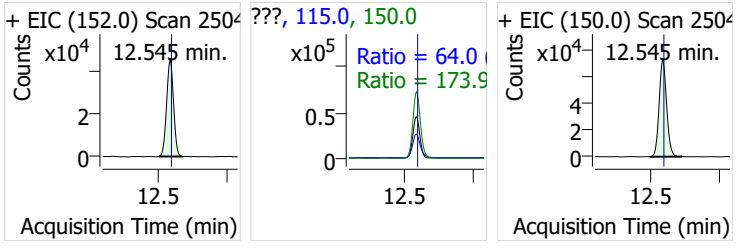


No Qualifier

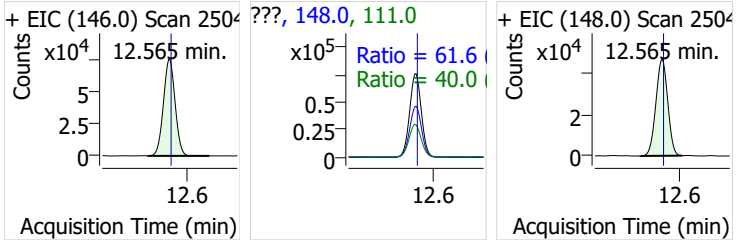
1,4-Dichlorobenzene



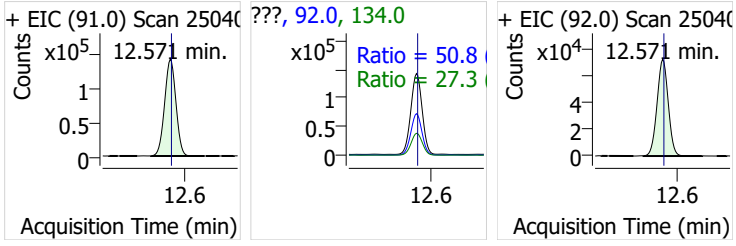
1,2-Dichlorobenzene-d4 (S)



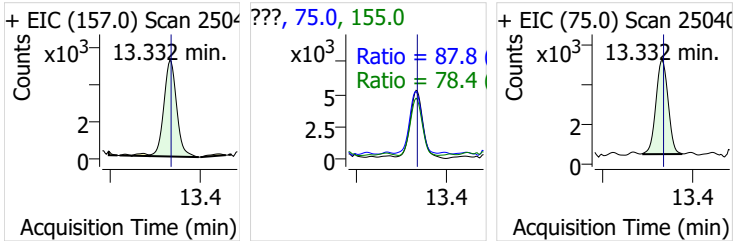
1,2-Dichlorobenzene



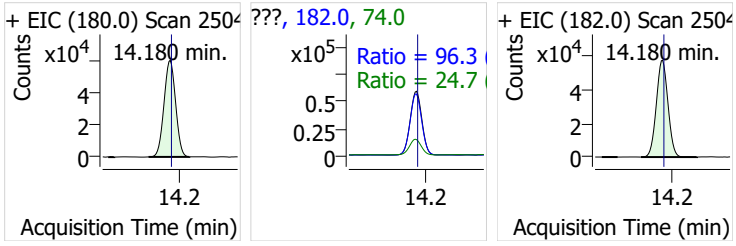
n-Butylbenzene



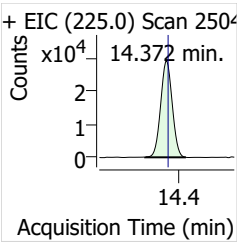
1,2-Dibromo-3-chloropropane

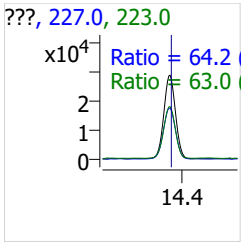


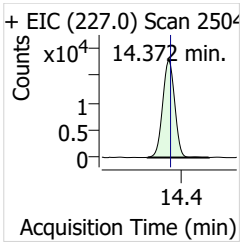
1,2,4-Trichlorobenzene



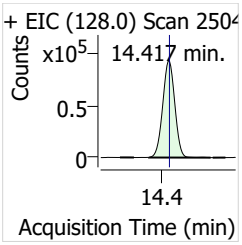
Hexachlorobutadiene

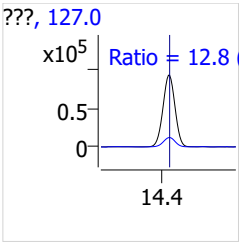


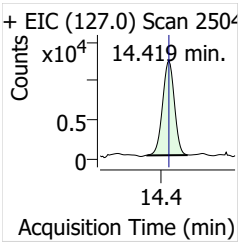




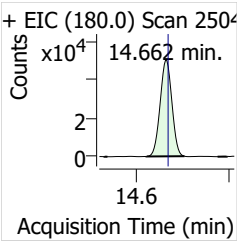
Naphthalene

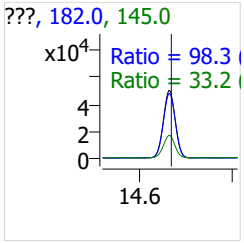


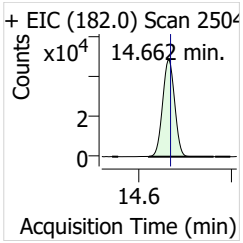




1,2,3-Trichlorobenzene







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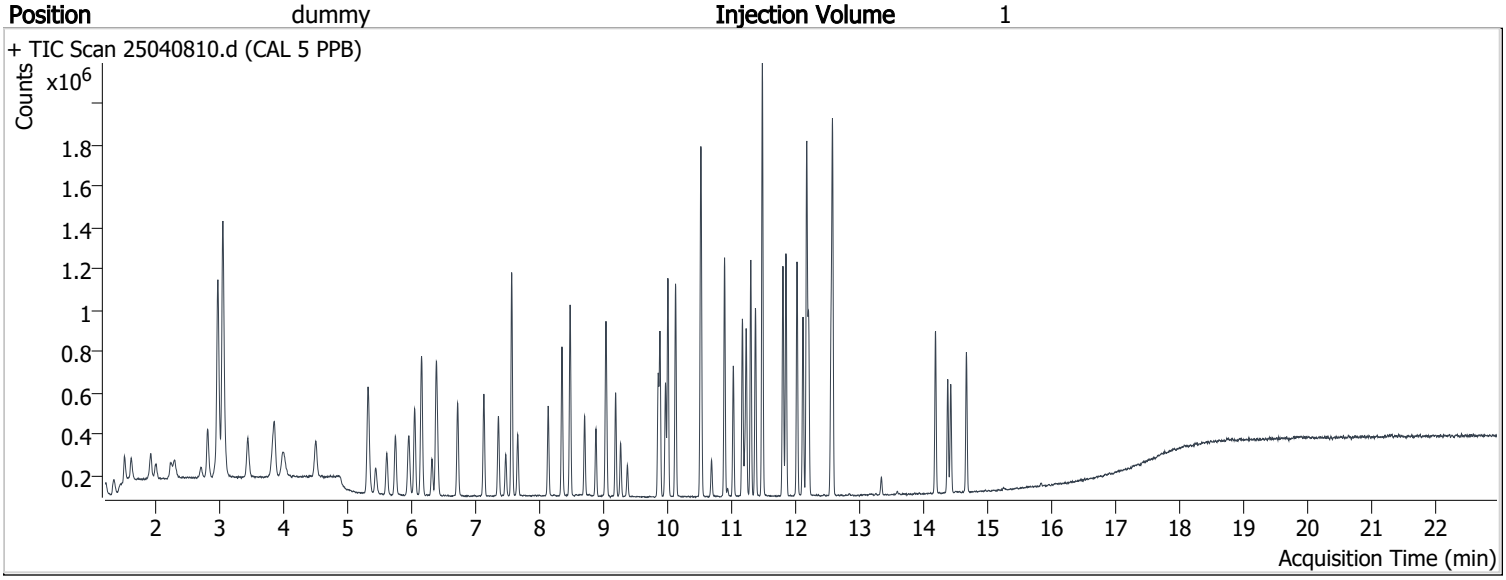
Report Time	5/12/2025 11:37:40 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040810.d	**Sample Name**	CAL 5 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 9:30 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.037	4.7327
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.305	4.8318
4-Bromofluorobenzene (S)	S	Surrogate	11.017	4.7928
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.546	5.0586
		Total		19.42

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.332	4.3883
Bromomethane	T	Target	1.907	4.7467
Chloroethane	T	Target	1.988	4.7655
Trichlorofluoromethane	T	Target	2.281	3.5616
Acetone	T	Target	2.916	28.9087
Iodomethane	T	Target	2.958	29.7948
Carbon Disulfide	T	Target	3.036	29.3444
Dichloromethane	T	Target	3.427	4.8095
trans 1,2-Dichloroethylene	T	Target	3.842	4.7245
MTBE	T	Target	3.979	4.7535
2,2-Dichloropropane	T	Target	5.309	4.7712
cis 1,2-Dichloroethylene	T	Target	5.309	4.7715
2-Butanone (MEK)	T	Target	5.426	31.7122
Bromochloromethane	T	Target	5.599	4.8098
1,1,1-Trichloroethane	T	Target	5.942	4.7633
1,1-Dichloropropylene	T	Target	6.143	4.7250
Carbon Tetrachloride	T	Target	6.143	4.6568
Benzene	T	Target	6.374	4.7572
1,2-Dichloroethane	T	Target	6.394	4.9118

Trichloroethylene	T	Target		7.116	4.7822
Dibromomethane	T	Target		7.459	4.8858
Methyl Methacrylate	T	Target		7.551	30.7834
Bromodichloromethane	T	Target		7.646	4.7786
cis 1,3-Dichloropropylene	T	Target		8.123	4.7789
4-Methyl-2-pentanone (MIBK)	T	Target		8.338	30.3910
trans 1,3-Dichloropropylene	T	Target		8.692	4.8459
1,1,2-trichloroethane	T	Target		8.870	4.9381
Tetrachloroethylene	T	Target		9.024	4.7249
1,3-Dichloropropane	T	Target		9.035	4.9158
2-Hexanone	T	Target		9.177	30.5346
Dibromochloromethane	T	Target		9.255	4.8368
1,2-Dibromoethane (EDB)	T	Target		9.361	4.9657
1,1,1,2-Tetrachloroethane	T	Target		9.958	4.7560
m,p-Xylenes	T	Target		10.114	4.8353
o-Xylene	T	Target		10.504	4.8568
Styrene	T	Target		10.516	4.8626
Isopropylbenzene	T	Target		10.881	4.8030
Bromobenzene	T	Target		11.160	5.0552
1,2,3-Trichloropropane	T	Target		11.199	4.8630
trans-1,4-Dichloro-2-butene	T	Target		11.218	31.4190
n-Propylbenzene	T	Target		11.291	4.9314
2-Chlorotoluene	T	Target		11.363	5.0328
1,3,5-Trimethylbenzene	T	Target		11.472	5.0412
4-Chlorotoluene	T	Target		11.472	5.0049
tert-Butylbenzene	T	Target		11.796	4.8768
1,2,4-Trimethylbenzene	T	Target		11.840	4.9625
sec-Butylbenzene	T	Target		12.013	4.9043
1,3-Dichlorobenzene	T	Target		12.108	5.0244
p-Isopropyltoluene	T	Target		12.164	4.9672
1,4-Dichlorobenzene	T	Target		12.194	4.9259
1,2-Dichlorobenzene	T	Target		12.562	5.0597
n-Butylbenzene	T	Target		12.571	4.9882
1,2-Dibromo-3-chloropropane	T	Target		13.332	5.1128
1,2,4-Trichlorobenzene	T	Target		14.180	4.9910
Hexachlorobutadiene	T	Target		14.369	4.7005
Naphthalene	T	Target		14.417	5.1505
1,2,3-Trichlorobenzene	T	Target		14.662	5.0796
			Total		480.04

Compound	Compound Group	Compound Type		RT	Final Conc.
Chloromethane	P	Target		1.500	4.7100
1,1-Dichloroethane	P	Target		4.489	4.8539
Chlorobenzene	P	Target		9.871	4.7888
Bromoform	P	Target		10.677	4.9221
1,1,2,2-Tetrachloroethane	P	Target		11.157	5.1704
			Total		24.45

Compound	Compound Group	Compound Type		RT	Final Conc.
Vinyl Chloride	C	Target		1.603	4.6808
1,1-Dichloroethylene	C	Target		2.799	4.7185
Chloroform	C	Target		5.733	4.7280
1,2-Dichloropropane	C	Target		7.345	4.7237
Toluene	C	Target		8.466	4.7545
Ethylbenzene	C	Target		9.994	4.8248
			Total		28.43

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.709	96	404055
Chlorobenzene-d5	ISTD	9.843	117	301476
1,4-Dichlorobenzene-d4	ISTD	12.172	152	169774

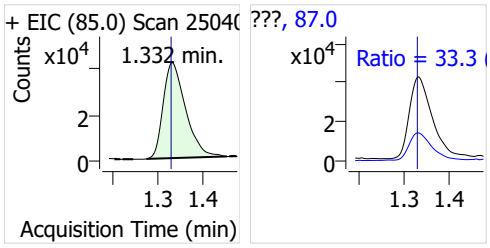
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.332	1.326	85	87.0	141383	47133	33.3	30.6	Fluorobenzene	0.3499	4.3883	ug/L
Chloromethane	1.500	1.494	50	52.0	160196	52778	32.9	33.4	Fluorobenzene	0.3965	4.7100	ug/L
Vinyl Chloride	1.603	1.600	62	64.0	157786	48367	30.7	32.2	Fluorobenzene	0.3905	4.6808	ug/L
Bromomethane	1.907	1.904	94	96.0	104417	97786	93.6	94.4	Fluorobenzene	0.2584	4.7467	ug/L
Chloroethane	1.988	1.985	64	66.0	85922	28087	32.7	34.0	Fluorobenzene	0.2127	4.7655	ug/L
Trichlorofluoromethane	2.281	2.275	101	103.0	126366	141918	112.3	62.3	Fluorobenzene	0.3127	3.5616	ug/L
1,1-Dichloroethylene	2.799	2.793	61	96.0	194464	116642	60.0	58.9	Fluorobenzene	0.4813	4.7185	ug/L
Acetone	2.916	2.910	58	43.0	31851	103505	325.0	345.3	Fluorobenzene	0.0788	28.9087	ug/L
Iodomethane	2.958	2.952	142	127.0	1484024	631880	42.6	42.1	Fluorobenzene	3.6728	29.7948	ug/L
Carbon Disulfide	3.036	3.033	76	No Q.	2452362	No Q.	No Q.	No Q.	Fluorobenzene	6.0694	29.3444	ug/L
Dichloromethane	3.427	3.421	49	84.0	157885	118378	75.0	77.1	Fluorobenzene	0.3908	4.8095	ug/L
trans 1,2-Dichloroethylene	3.842	3.836	61	96.0	193499	132381	68.4	68.4	Fluorobenzene	0.4789	4.7245	ug/L
MTBE	3.979	3.976	73	57.0	261606	56733	21.7	22.4	Fluorobenzene	0.6475	4.7535	ug/L
1,1-Dichloroethane	4.489	4.483	63	65.0	238816	75375	31.6	32.0	Fluorobenzene	0.5910	4.8539	ug/L
2,2-Dichloropropane	5.309	5.306	77	79.0	227219	73310	32.3	32.9	Fluorobenzene	0.5623	4.7712	ug/L
cis 1,2-Dichloroethylene	5.309	5.306	96	61.0	149106	231691	155.4	153.8	Fluorobenzene	0.3690	4.7715	ug/L
2-Butanone (MEK)	5.426	5.423	72	43.0	48233	198832	412.2	410.8	Fluorobenzene	0.1194	31.7122	ug/L
Bromochloromethane	5.599	5.596	49	130.0	103606	85459	82.5	83.1	Fluorobenzene	0.2564	4.8098	ug/L
Chloroform	5.733	5.733	83	85.0	245096	160364	65.4	64.4	Fluorobenzene	0.6066	4.7280	ug/L
1,1,1-Trichloroethane	5.942	5.939	97	99.0	242450	143382	59.1	59.6	Fluorobenzene	0.6000	4.7633	ug/L
Pentafluorobenzene (S)	6.037	6.034	168	99.0	329918	164130	49.7	50.0	Fluorobenzene	0.8165	4.7327	ug/L
1,1-Dichloropropylene	6.143	6.140	75	39.0	193674	129986	67.1	66.1	Fluorobenzene	0.4793	4.7250	ug/L
Carbon Tetrachloride	6.143	6.142	117	119.0	223451	219115	98.1	96.7	Fluorobenzene	0.5530	4.6568	ug/L
1,2-Dichloroethane-d4 (S)	6.305	6.304	65	No Q.	132159	No Q.	No Q.	No Q.	Fluorobenzene	0.3271	4.8318	ug/L
Benzene	6.374	6.371	78	77.0	550545	133750	24.3	23.4	Fluorobenzene	1.3626	4.7572	ug/L
1,2-Dichloroethane	6.394	6.393	62	49.0	168424	56875	33.8	33.8	Fluorobenzene	0.4168	4.9118	ug/L
Trichloroethylene	7.116	7.116	130	132.0	166436	160067	96.2	97.6	Fluorobenzene	0.4119	4.7822	ug/L
1,2-Dichloropropane	7.345	7.344	63	62.0	139914	92724	66.3	66.0	Fluorobenzene	0.3463	4.7237	ug/L
Dibromomethane	7.459	7.459	174	93.0	82330	68035	82.6	80.9	Fluorobenzene	0.2038	4.8858	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	509698	369033	72.4	72.9	Fluorobenzene	1.2615	30.7834	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	179065	115954	64.8	64.4	Fluorobenzene	0.4432	4.7786	ug/L
cis 1,3-Dichloropropylene	8.123	8.122	75	39.0	214755	125134	58.3	57.6	Fluorobenzene	0.5315	4.7789	ug/L
4-Methyl-2-pentanone (MIBK)	8.338	8.337	43	58.0	462666	166721	36.0	36.2	Fluorobenzene	1.1451	30.3910	ug/L
Toluene	8.466	8.465	91	92.0	622937	358125	57.5	56.5	Chlorobenzene-d5	2.0663	4.7545	ug/L
trans 1,3-Dichloropropylene	8.692	8.691	75	39.0	184201	102065	55.4	54.3	Chlorobenzene-d5	0.6110	4.8459	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	95022	82066	86.4	87.0	Chlorobenzene-d5	0.3152	4.9381	ug/L
Tetrachloroethylene	9.024	9.023	166	164.0	184551	145697	78.9	78.9	Chlorobenzene-d5	0.6122	4.7249	ug/L
1,3-Dichloropropane	9.035	9.034	76	41.0	159218	119897	75.3	72.5	Chlorobenzene-d5	0.5281	4.9158	ug/L
2-Hexanone	9.177	9.177	43	58.0	313702	154989	49.4	48.4	Chlorobenzene-d5	1.0406	30.5346	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	125610	98791	78.6	76.7	Chlorobenzene-d5	0.4167	4.8368	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	93325	84718	90.8	93.1	Chlorobenzene-d5	0.3096	4.9657	ug/L
Chlorobenzene	9.871	9.871	112	77.0	393924	231067	58.7	59.3	Chlorobenzene-d5	1.3067	4.7888	ug/L
1,1,1,2-Tetrachloroethane	9.958	9.957	131	133.0	147845	143813	97.3	95.7	Chlorobenzene-d5	0.4904	4.7560	ug/L
Ethylbenzene	9.994	9.994	91	106.0	708599	223116	31.5	32.2	Chlorobenzene-d5	2.3504	4.8248	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	568734	275556	48.5	49.6	Chlorobenzene-d5	1.8865	4.8353	ug/L
o-Xylene	10.504	10.507	91	106.0	571374	264089	46.2	46.5	Chlorobenzene-d5	1.8953	4.8568	ug/L
Styrene	10.516	10.515	104	103.0	437710	246357	56.3	56.7	Chlorobenzene-d5	1.4519	4.8626	ug/L
Bromoform	10.677	10.677	173	171.0	80869	40505	50.1	51.4	Chlorobenzene-d5	0.2682	4.9221	ug/L
Isopropylbenzene	10.881	10.880	105	120.0	713860	191081	26.8	26.9	Chlorobenzene-d5	2.3679	4.8030	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	189748	176951	93.3	91.9	Chlorobenzene-d5	0.6294	4.7928	ug/L
1,1,2,2-Tetrachloroethane	11.157	11.157	83	85.0	104512	67408	64.5	63.9	1,4-Dichlorobenzene-d4	0.6156	5.1704	ug/L
Bromobenzene	11.160	11.159	156	77.0	181449	259770	143.2	147.8	1,4-Dichlorobenzene-d4	1.0688	5.0552	ug/L

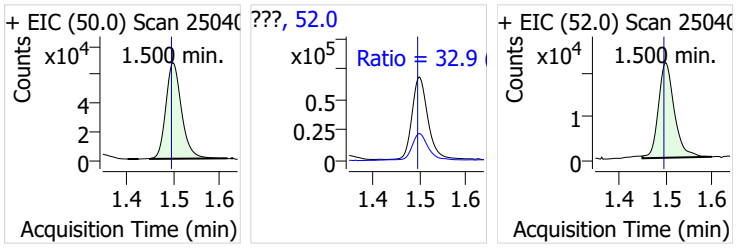
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.199	11.196	110	75.0	28975	287729	993.0	768.8	1,4-Dichlorobenzene-d4	0.1707	4.8630	ug/L
trans-1,4-Dichloro-2-butene	11.218	11.218	53	89.0	154568	105828	68.5	68.6	1,4-Dichlorobenzene-d4	0.9104	31.4190	ug/L
n-Propylbenzene	11.291	11.290	120	91.0	198454	820546	413.5	408.8	1,4-Dichlorobenzene-d4	1.1689	4.9314	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	484751	171620	35.4	35.2	1,4-Dichlorobenzene-d4	2.8553	5.0328	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	620953	298435	48.1	48.1	1,4-Dichlorobenzene-d4	3.6575	5.0412	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	177023	564455	318.9	321.7	1,4-Dichlorobenzene-d4	1.0427	5.0049	ug/L
tert-Butylbenzene	11.796	11.795	134	119.0	120225	536991	446.7	441.8	1,4-Dichlorobenzene-d4	0.7081	4.8768	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	620732	280470	45.2	45.0	1,4-Dichlorobenzene-d4	3.6562	4.9625	ug/L
sec-Butylbenzene	12.013	12.015	105	134.0	745720	155385	20.8	20.2	1,4-Dichlorobenzene-d4	4.3924	4.9043	ug/L
1,3-Dichlorobenzene	12.108	12.107	146	148.0	347326	221694	63.8	62.5	1,4-Dichlorobenzene-d4	2.0458	5.0244	ug/L
p-Isopropyltoluene	12.164	12.163	119	134.0	667904	177559	26.6	26.7	1,4-Dichlorobenzene-d4	3.9341	4.9672	ug/L
1,4-Dichlorobenzene	12.194	12.194	146	148.0	341709	223961	65.5	64.1	1,4-Dichlorobenzene-d4	2.0127	4.9259	ug/L
1,2-Dichlorobenzene-d4 (S)	12.546	12.545	152	150.0	192719	335044	173.9	172.9	1,4-Dichlorobenzene-d4	1.1351	5.0586	ug/L
1,2-Dichlorobenzene	12.562	12.565	146	148.0	319430	202218	63.3	64.5	1,4-Dichlorobenzene-d4	1.8815	5.0597	ug/L
n-Butylbenzene	12.571	12.570	91	92.0	593086	298415	50.3	51.5	1,4-Dichlorobenzene-d4	3.4934	4.9882	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	24479	19923	81.4	86.2	1,4-Dichlorobenzene-d4	0.1442	5.1128	ug/L
1,2,4-Trichlorobenzene	14.180	14.179	180	182.0	251981	244997	97.2	96.0	1,4-Dichlorobenzene-d4	1.4842	4.9910	ug/L
Hexachlorobutadiene	14.369	14.372	225	227.0	119373	77047	64.5	63.9	1,4-Dichlorobenzene-d4	0.7031	4.7005	ug/L
Naphthalene	14.417	14.416	128	127.0	408340	54649	13.4	13.1	1,4-Dichlorobenzene-d4	2.4052	5.1505	ug/L
1,2,3-Trichlorobenzene	14.662	14.665	180	182.0	219948	211014	95.9	94.1	1,4-Dichlorobenzene-d4	1.2955	5.0796	ug/L

Compound Graphics

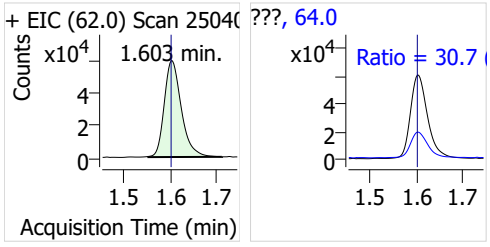
Dichlorodifluoromethane



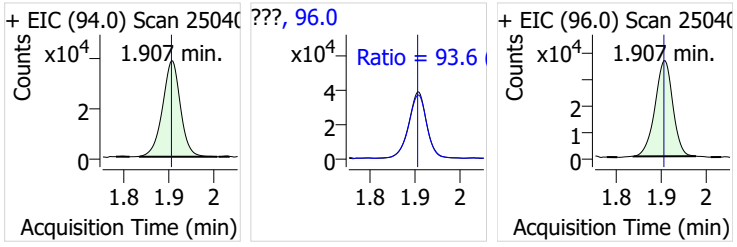
Chloromethane



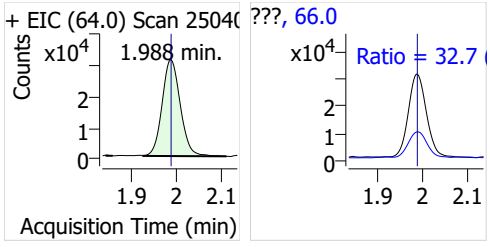
Vinyl Chloride



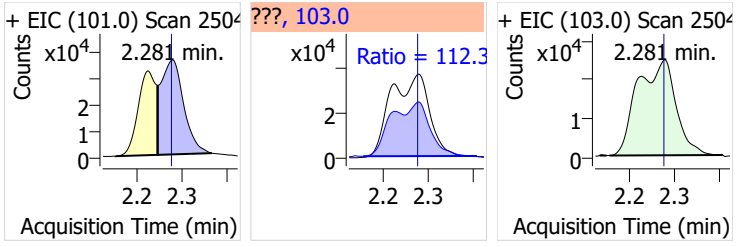
Bromomethane



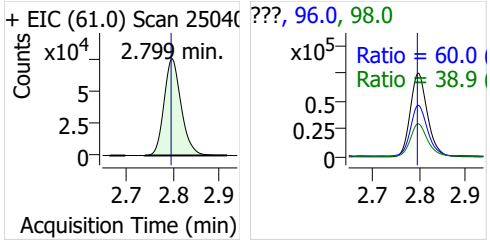
Chloroethane



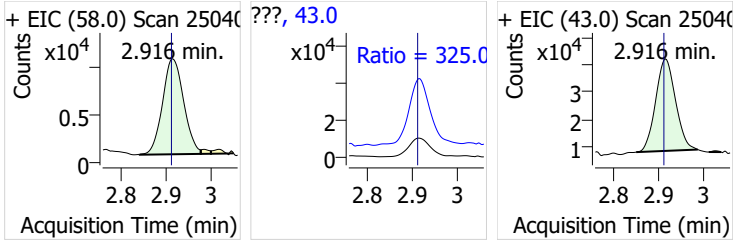
Trichlorofluoromethane



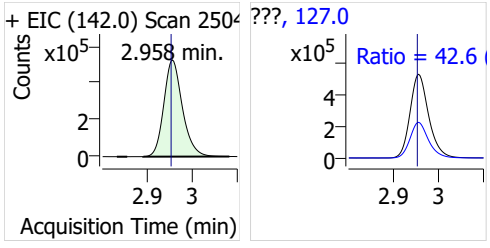
1,1-Dichloroethylene



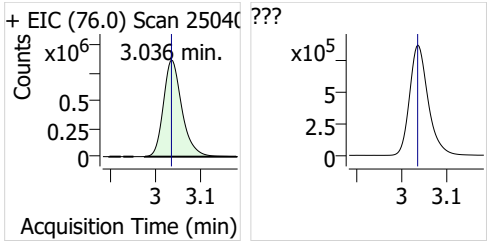
Acetone



Iodomethane



Carbon Disulfide



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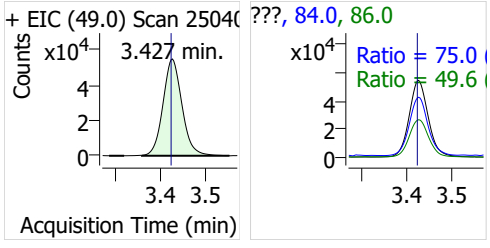
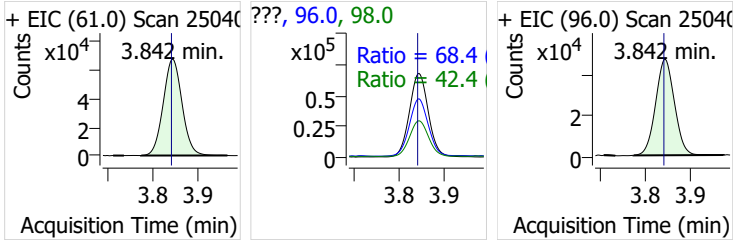
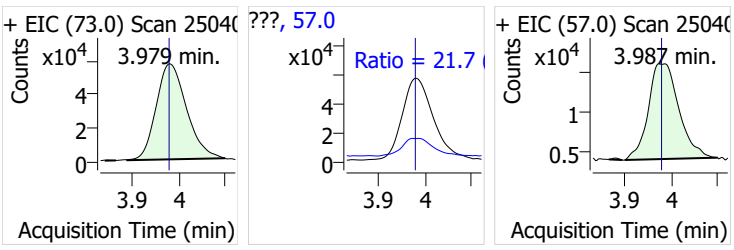
Dichloromethane



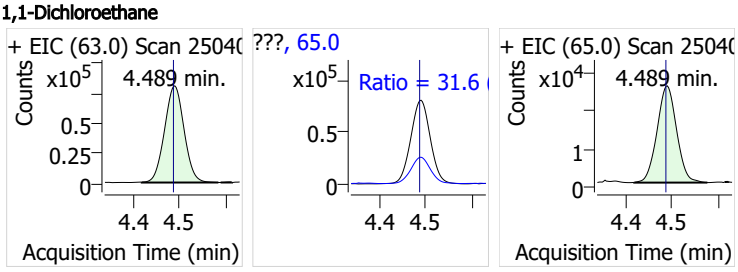
trans 1,2-Dichloroethylene



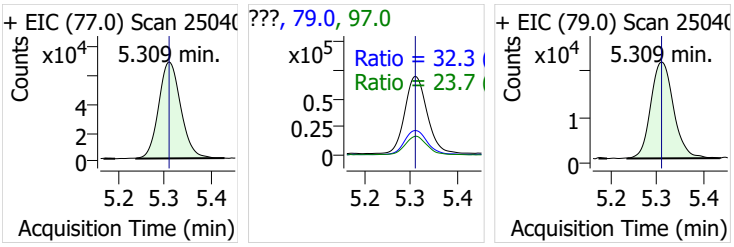
MTBE



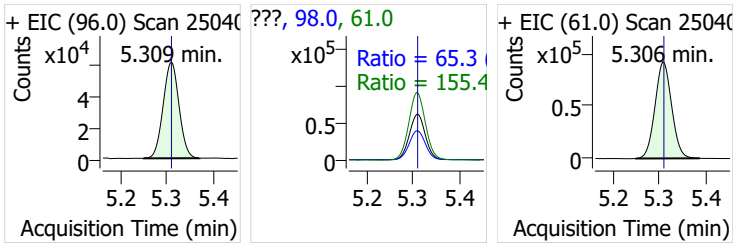
1,1-Dichloroethane



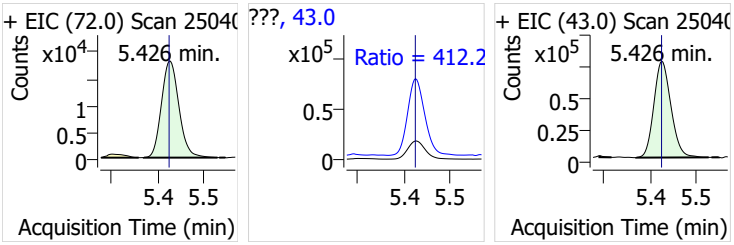
2,2-Dichloropropane



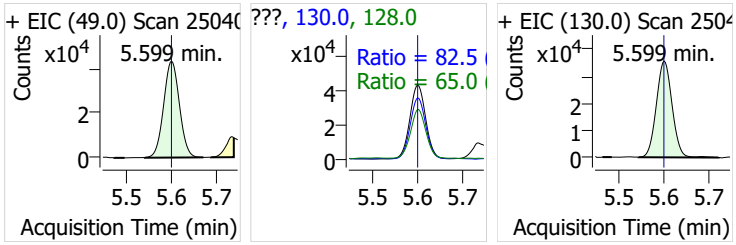
cis 1,2-Dichloroethylene



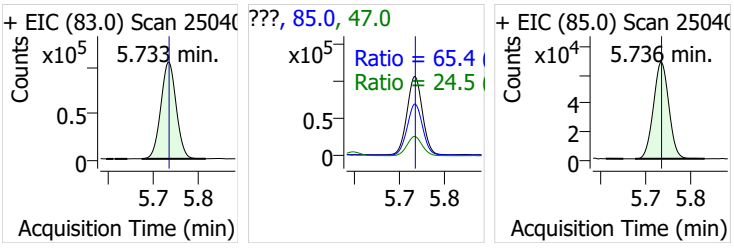
2-Butanone (MEK)



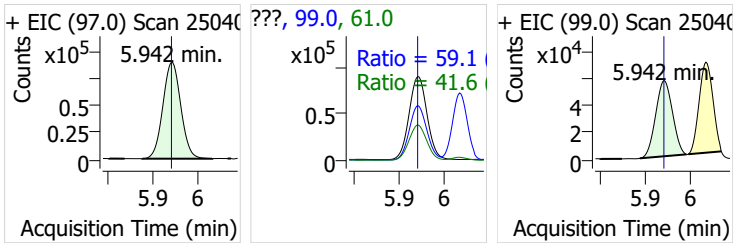
Bromochloromethane



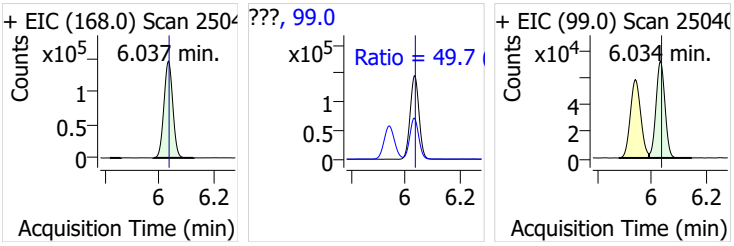
Chloroform



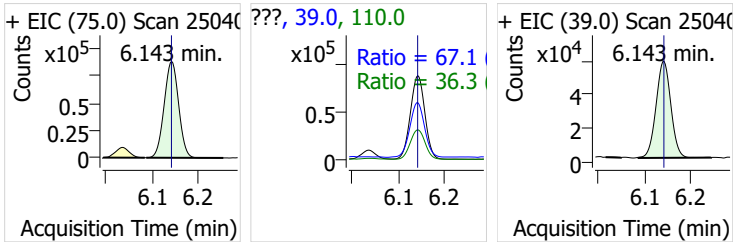
1,1,1-Trichloroethane



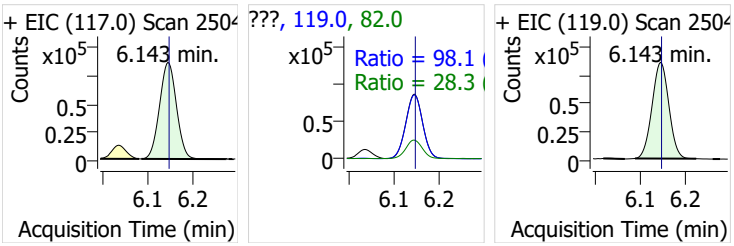
Pentafluorobenzene (S)



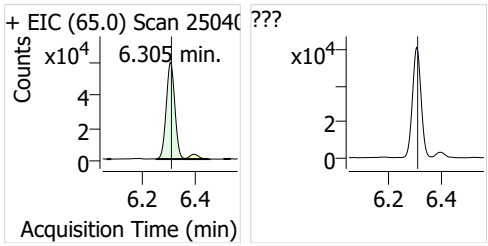
1,1-Dichloropropylene



Carbon Tetrachloride

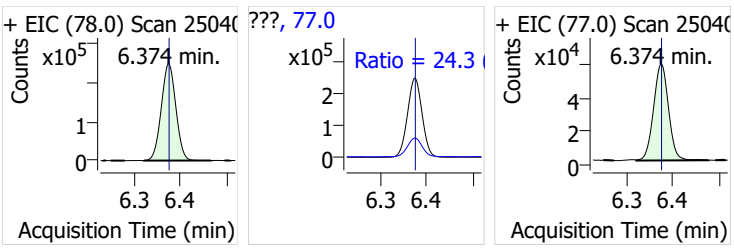


1,2-Dichloroethane-d4 (S)

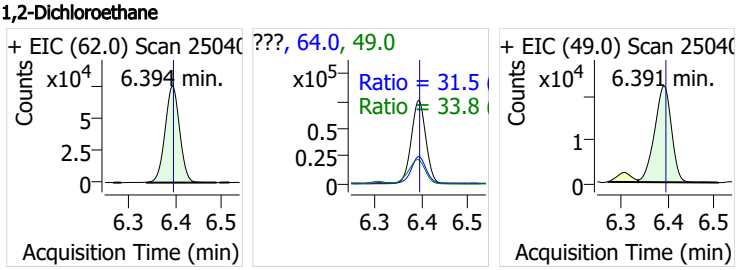


No Qualifier

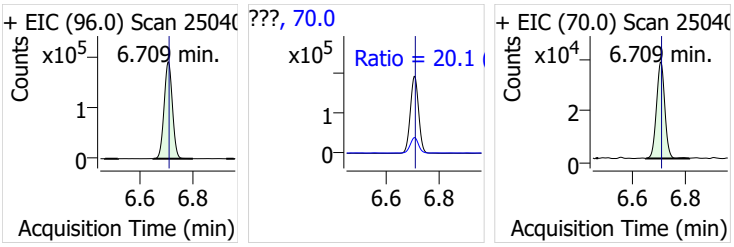
Benzene



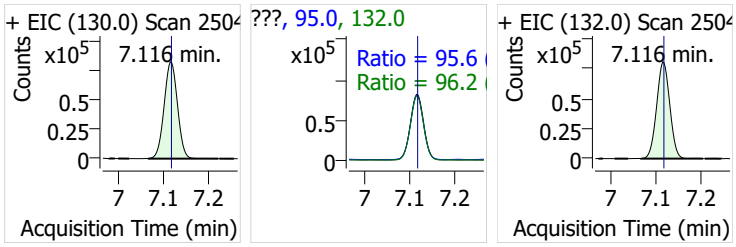
1,2-Dichloroethane



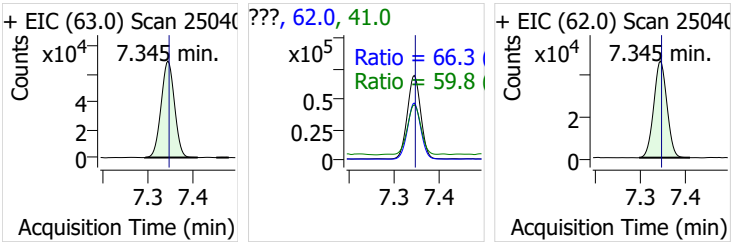
Fluorobenzene



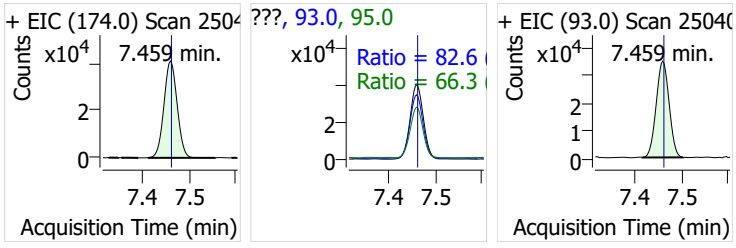
Trichloroethylene



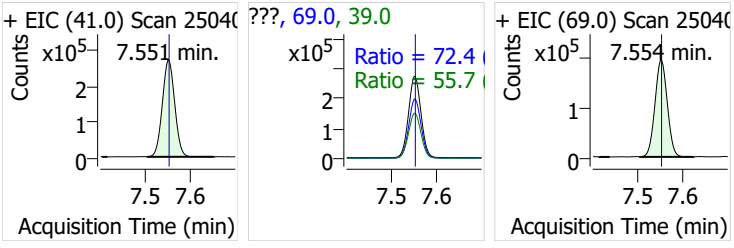
1,2-Dichloropropane



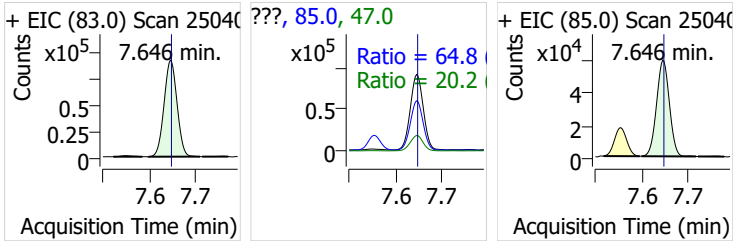
Dibromomethane



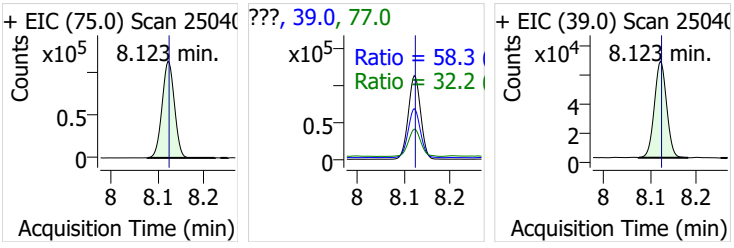
Methyl Methacrylate



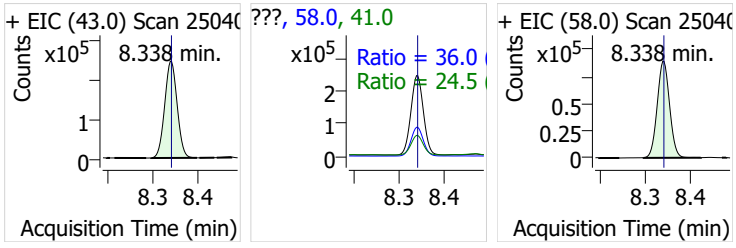
Bromodichloromethane



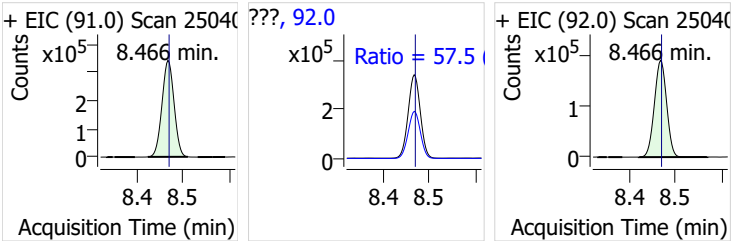
cis 1,3-Dichloropropylene



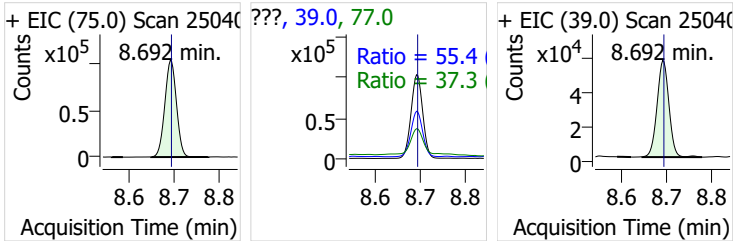
4-Methyl-2-pentanone (MIBK)



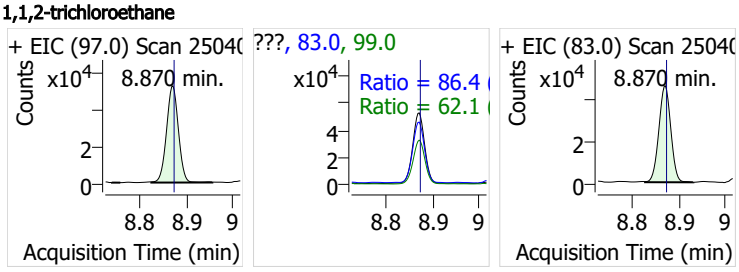
Toluene



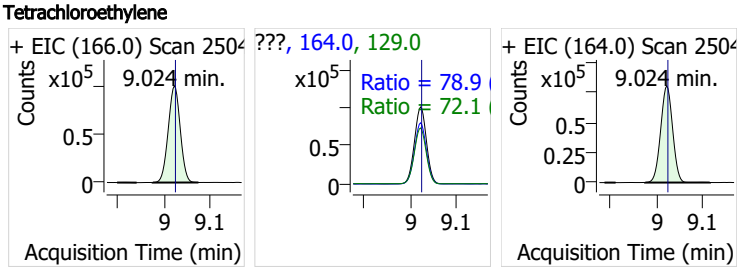
trans 1,3-Dichloropropylene



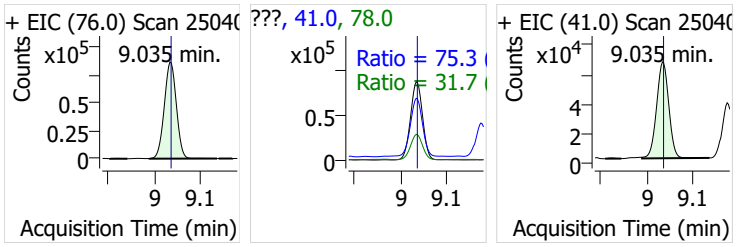
1,1,2-trichloroethane



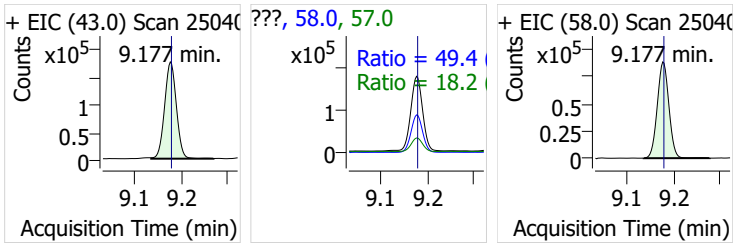
Tetrachloroethylene



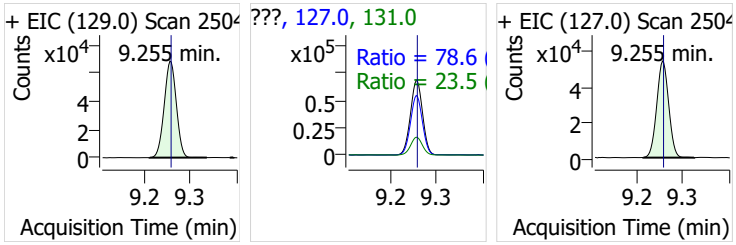
1,3-Dichloropropane



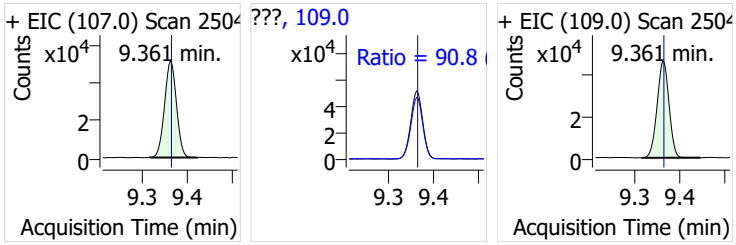
2-Hexanone



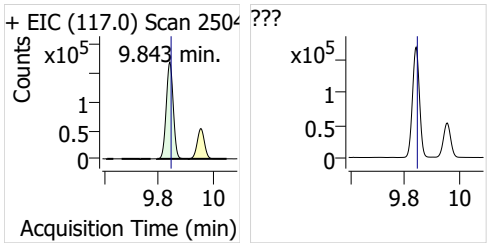
Dibromochloromethane



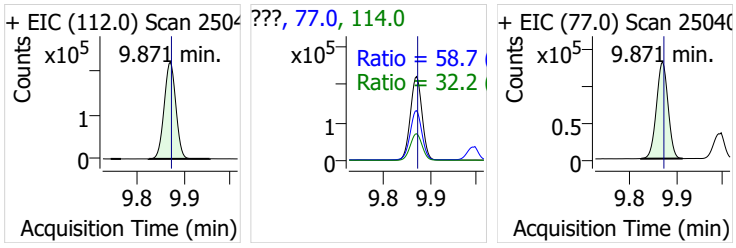
1,2-Dibromoethane (EDB)



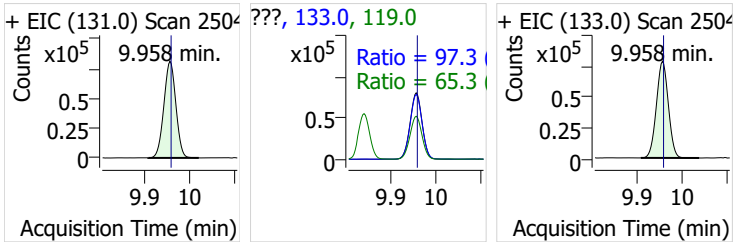
Chlorobenzene-d5



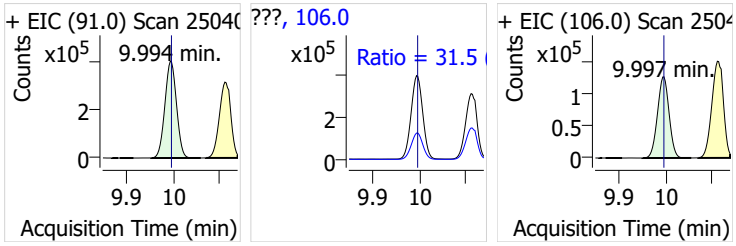
Chlorobenzene



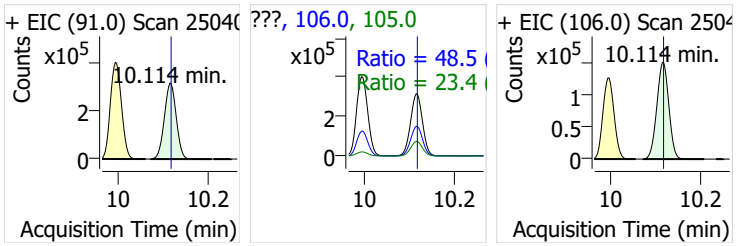
1,1,1,2-Tetrachloroethane



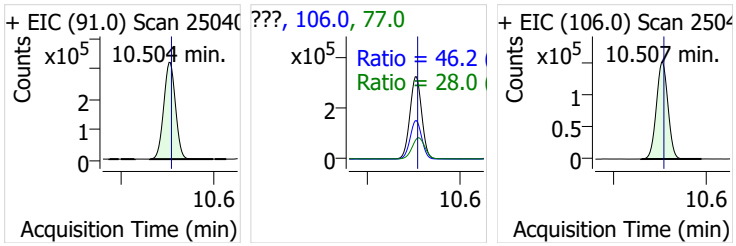
Ethylbenzene



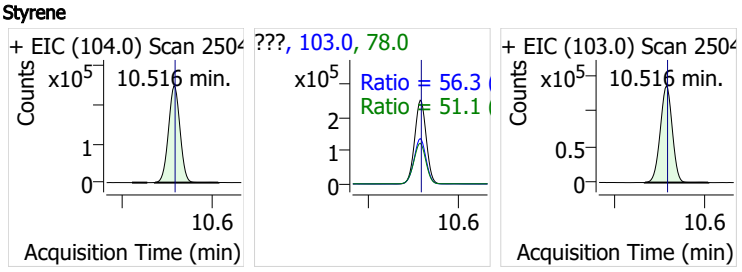
m,p-Xylenes



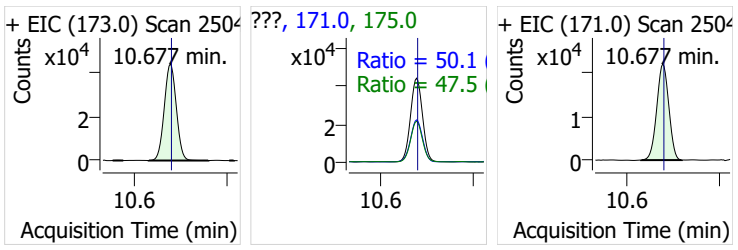
o-Xylene



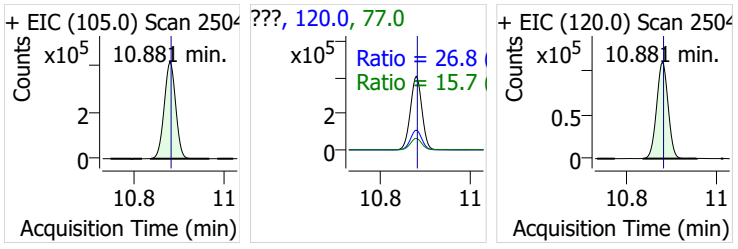
Styrene



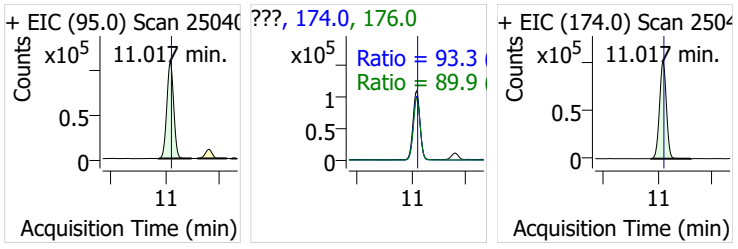
Bromoform



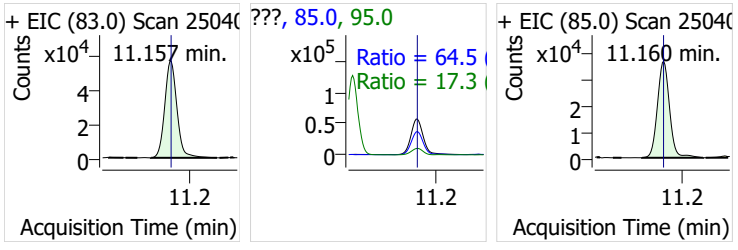
Isopropylbenzene



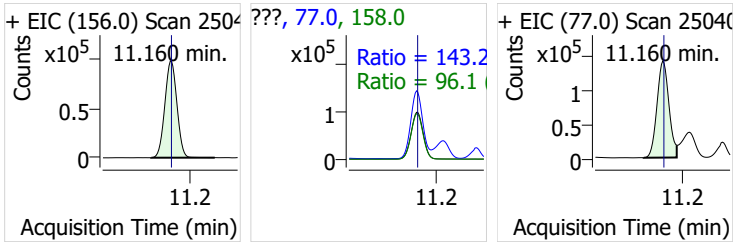
4-Bromofluorobenzene (S)



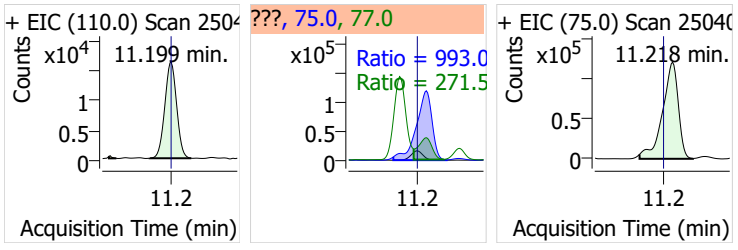
1,1,2,2-Tetrachloroethane



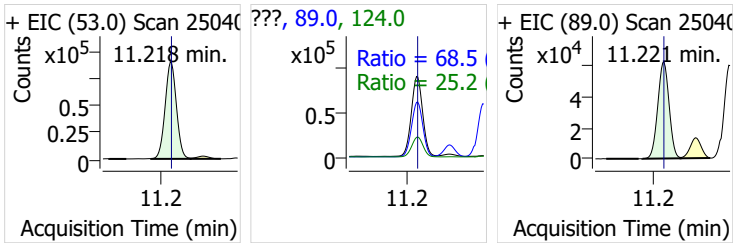
Bromobenzene



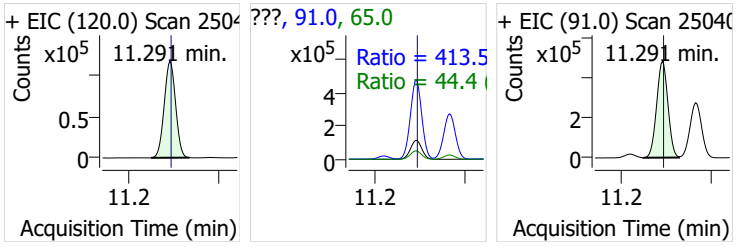
1,2,3-Trichloropropane



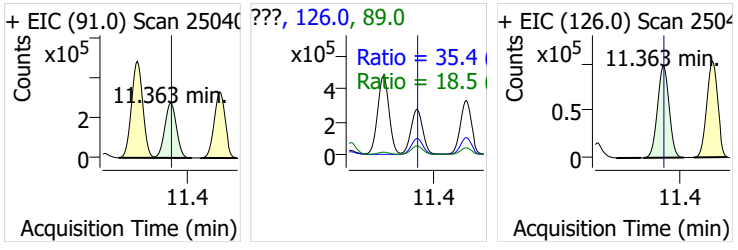
trans-1,4-Dichloro-2-butene



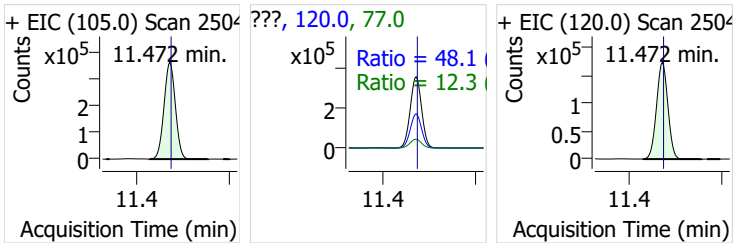
n-Propylbenzene



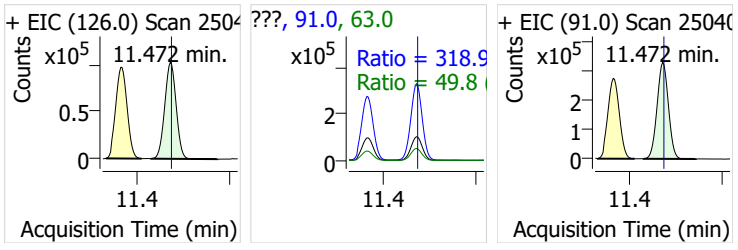
2-Chlorotoluene



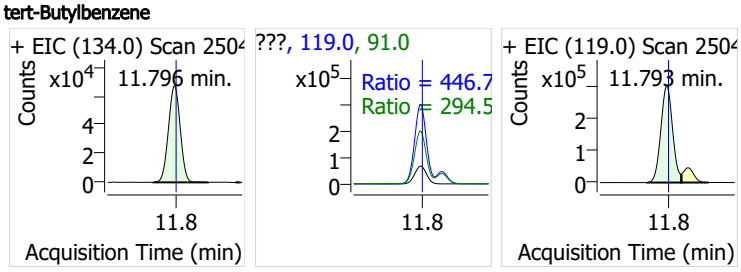
1,3,5-Trimethylbenzene



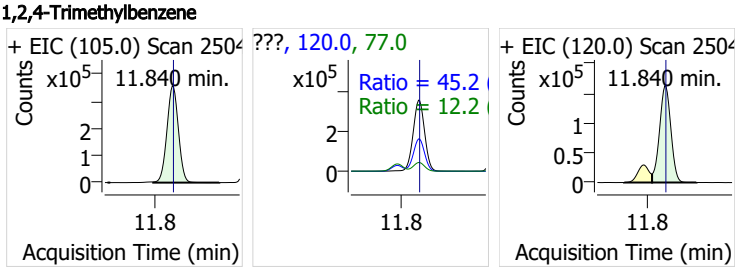
4-Chlorotoluene



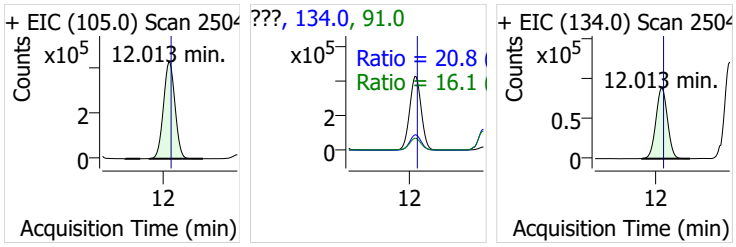
tert-Butylbenzene



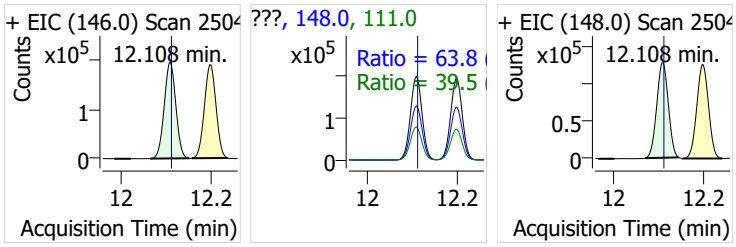
1,2,4-Trimethylbenzene



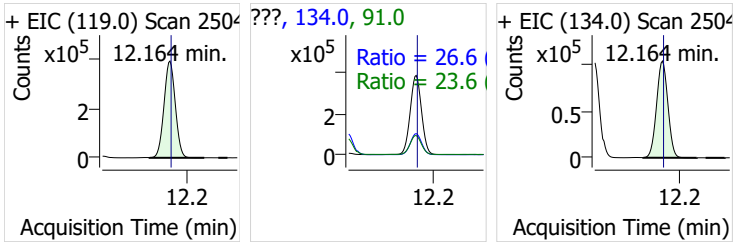
sec-Butylbenzene



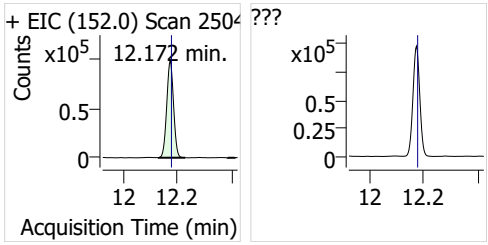
1,3-Dichlorobenzene



p-Isopropyltoluene

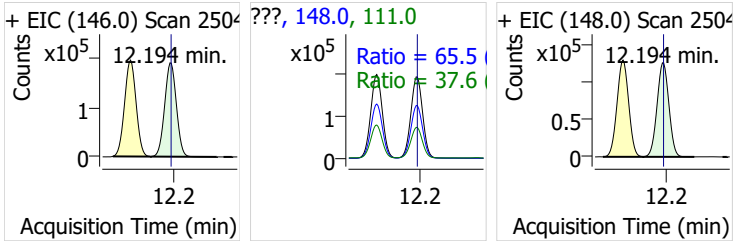


1,4-Dichlorobenzene-d4

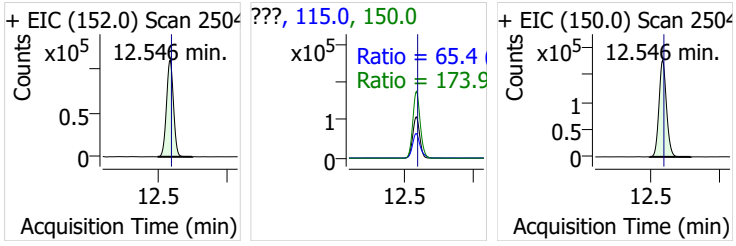


No Qualifier

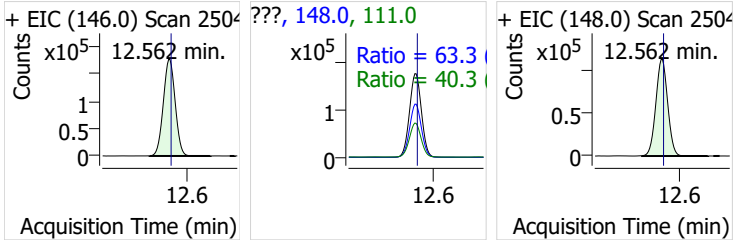
1,4-Dichlorobenzene



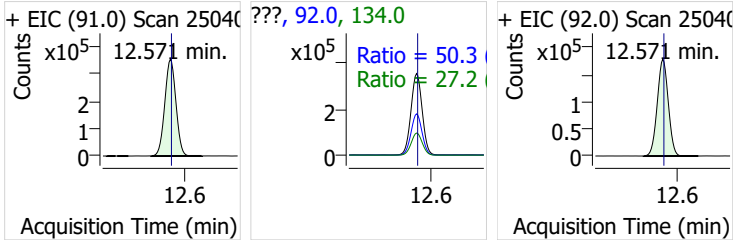
1,2-Dichlorobenzene-d4 (S)



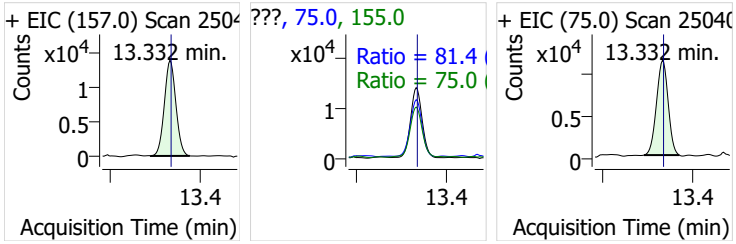
1,2-Dichlorobenzene



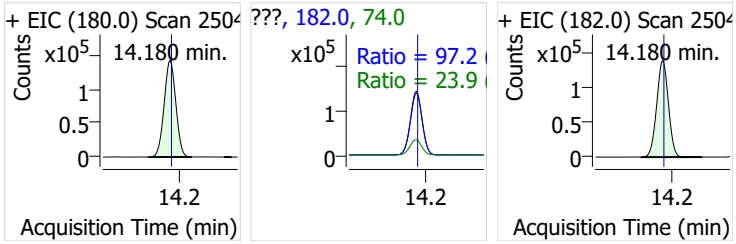
n-Butylbenzene



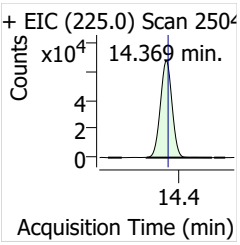
1,2-Dibromo-3-chloropropane

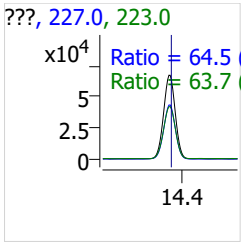


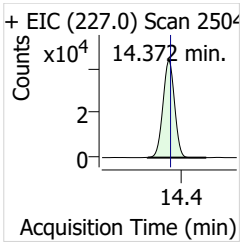
1,2,4-Trichlorobenzene



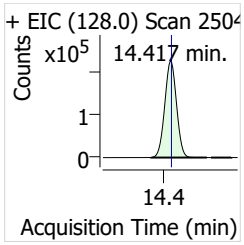
Hexachlorobutadiene

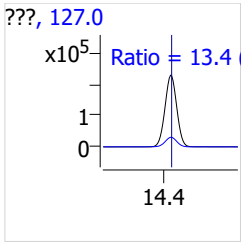


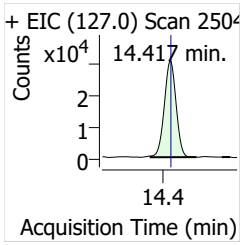




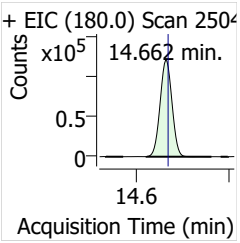
Naphthalene

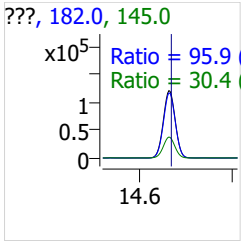


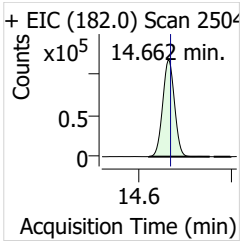




1,2,3-Trichlorobenzene







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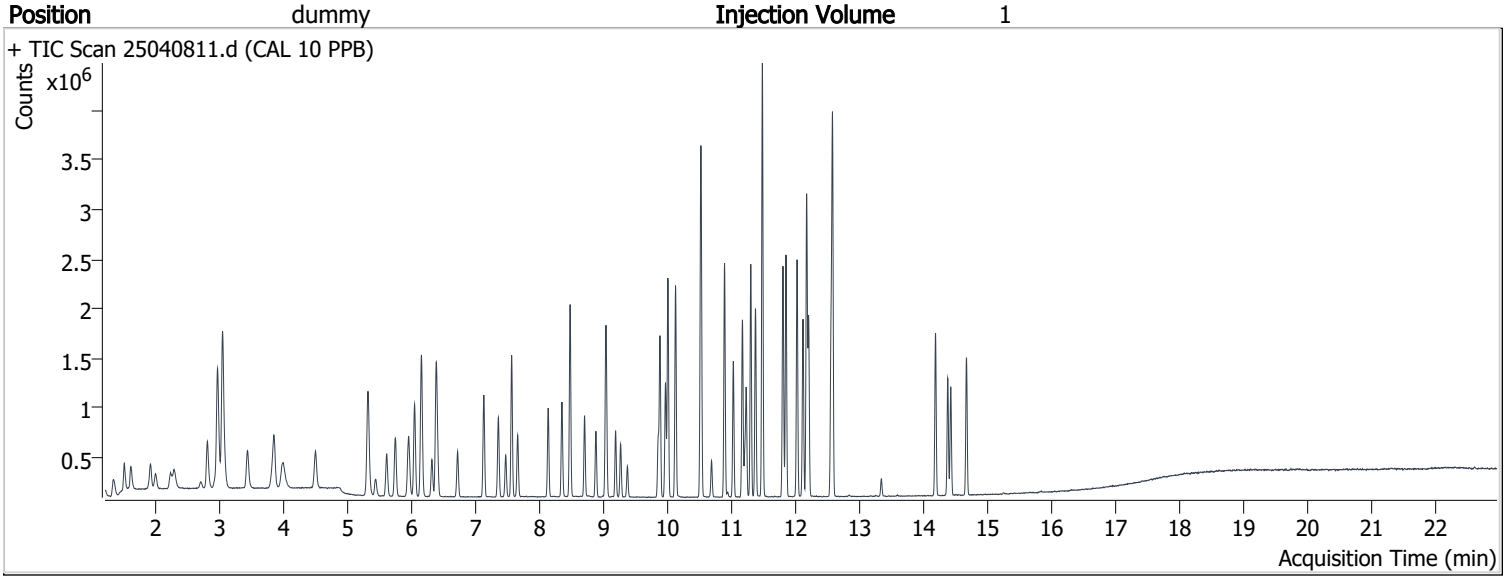
Report Time	5/12/2025 11:37:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040811.d	**Sample Name**	CAL 10 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 9:59 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.034	10.4263
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.304	10.4756
4-Bromofluorobenzene (S)	S	Surrogate	11.017	10.3549
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.545	10.5568
		Total		41.81

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.326	10.5057
Bromomethane	T	Target	1.904	10.2682
Chloroethane	T	Target	1.985	9.9795
Trichlorofluoromethane	T	Target	2.275	8.0463
Acetone	T	Target	2.910	38.7072
Iodomethane	T	Target	2.952	39.2254
Carbon Disulfide	T	Target	3.033	38.8974
Dichloromethane	T	Target	3.421	9.9292
trans 1,2-Dichloroethylene	T	Target	3.836	9.7515
MTBE	T	Target	3.976	10.4860
2,2-Dichloropropane	T	Target	5.306	9.7563
cis 1,2-Dichloroethylene	T	Target	5.306	10.0936
2-Butanone (MEK)	T	Target	5.423	41.6078
Bromochloromethane	T	Target	5.596	10.0323
1,1,1-Trichloroethane	T	Target	5.939	9.8801
1,1-Dichloropropylene	T	Target	6.140	9.8677
Carbon Tetrachloride	T	Target	6.142	9.8504
Benzene	T	Target	6.371	10.0338
1,2-Dichloroethane	T	Target	6.393	10.1978

Trichloroethylene	T	Target		7.116	9.9323
Dibromomethane	T	Target		7.459	10.1927
Methyl Methacrylate	T	Target		7.551	40.2800
Bromodichloromethane	T	Target		7.646	10.0758
cis 1,3-Dichloropropylene	T	Target		8.122	10.1281
4-Methyl-2-pentanone (MIBK)	T	Target		8.337	40.1735
trans 1,3-Dichloropropylene	T	Target		8.691	10.1044
1,1,2-trichloroethane	T	Target		8.870	10.1051
Tetrachloroethylene	T	Target		9.023	9.7604
1,3-Dichloropropane	T	Target		9.034	10.2479
2-Hexanone	T	Target		9.177	40.8020
Dibromochloromethane	T	Target		9.255	10.1009
1,2-Dibromoethane (EDB)	T	Target		9.361	10.3973
1,1,1,2-Tetrachloroethane	T	Target		9.957	10.0716
m,p-Xylenes	T	Target		10.114	9.9100
o-Xylene	T	Target		10.507	10.0452
Styrene	T	Target		10.515	10.0353
Isopropylbenzene	T	Target		10.880	9.8799
Bromobenzene	T	Target		11.159	10.1689
1,2,3-Trichloropropane	T	Target		11.196	9.9258
trans-1,4-Dichloro-2-butene	T	Target		11.218	41.0595
n-Propylbenzene	T	Target		11.290	10.2021
2-Chlorotoluene	T	Target		11.363	10.2562
1,3,5-Trimethylbenzene	T	Target		11.472	10.1427
4-Chlorotoluene	T	Target		11.472	10.1804
tert-Butylbenzene	T	Target		11.795	10.0582
1,2,4-Trimethylbenzene	T	Target		11.840	10.1998
sec-Butylbenzene	T	Target		12.015	10.1758
1,3-Dichlorobenzene	T	Target		12.107	10.3375
p-Isopropyltoluene	T	Target		12.163	10.1643
1,4-Dichlorobenzene	T	Target		12.194	10.0879
1,2-Dichlorobenzene	T	Target		12.565	10.2665
n-Butylbenzene	T	Target		12.570	10.1375
1,2-Dibromo-3-chloropropane	T	Target		13.332	10.0217
1,2,4-Trichlorobenzene	T	Target		14.179	10.2821
Hexachlorobutadiene	T	Target		14.372	10.0708
Naphthalene	T	Target		14.416	10.4648
1,2,3-Trichlorobenzene	T	Target		14.665	10.4727
			Total		814.03

Compound	Compound Group	Compound Type		RT	Final Conc.
Chloromethane	P	Target		1.494	9.9251
1,1-Dichloroethane	P	Target		4.483	9.8814
Chlorobenzene	P	Target		9.871	9.9564
Bromoform	P	Target		10.677	10.0029
1,1,2,2-Tetrachloroethane	P	Target		11.157	10.3804
			Total		50.15

Compound	Compound Group	Compound Type		RT	Final Conc.
Vinyl Chloride	C	Target		1.600	9.5684
1,1-Dichloroethylene	C	Target		2.793	9.9261
Chloroform	C	Target		5.733	9.9993
1,2-Dichloropropane	C	Target		7.344	9.9456
Toluene	C	Target		8.465	9.9398
Ethylbenzene	C	Target		9.994	9.9728
			Total		59.35

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.706	96	400977
Chlorobenzene-d5	ISTD	9.843	117	302513
1,4-Dichlorobenzene-d4	ISTD	12.172	152	173895

Quantitation Results

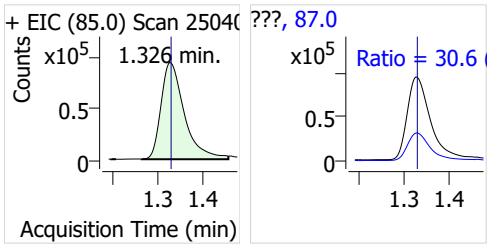
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.326	1.326	85	87.0	335899	102938	30.6	30.6	Fluorobenzene	0.8377	10.5057	ug/L
Chloromethane	1.494	1.494	50	52.0	335003	111859	33.4	33.4	Fluorobenzene	0.8355	9.9251	ug/L
Vinyl Chloride	1.600	1.600	62	64.0	320087	102913	32.2	32.2	Fluorobenzene	0.7983	9.5684	ug/L
Bromomethane	1.904	1.904	94	96.0	224160	211571	94.4	94.4	Fluorobenzene	0.5590	10.2682	ug/L
Chloroethane	1.985	1.985	64	66.0	178562	60751	34.0	34.0	Fluorobenzene	0.4453	9.9795	ug/L
Trichlorofluoromethane	2.275	2.275	101	103.0	283309	176602	62.3	62.3	Fluorobenzene	0.7065	8.0463	ug/L
1,1-Dichloroethylene	2.793	2.793	61	96.0	405968	239068	58.9	58.9	Fluorobenzene	1.0124	9.9261	ug/L
Acetone	2.910	2.910	58	43.0	42322	146135	345.3	345.3	Fluorobenzene	0.1055	38.7072	ug/L
Iodomethane	2.952	2.952	142	127.0	1938864	816970	42.1	42.1	Fluorobenzene	4.8353	39.2254	ug/L
Carbon Disulfide	3.033	3.033	76	No Q.	3225970	No Q.	No Q.	No Q.	Fluorobenzene	8.0453	38.8974	ug/L
Dichloromethane	3.421	3.421	49	84.0	323468	249263	77.1	77.1	Fluorobenzene	0.8067	9.9292	ug/L
trans 1,2-Dichloroethylene	3.836	3.836	61	96.0	396347	271035	68.4	68.4	Fluorobenzene	0.9885	9.7515	ug/L
MTBE	3.976	3.976	73	57.0	572696	128305	22.4	22.4	Fluorobenzene	1.4282	10.4860	ug/L
1,1-Dichloroethane	4.483	4.483	63	65.0	482468	154502	32.0	32.0	Fluorobenzene	1.2032	9.8814	ug/L
2,2-Dichloropropane	5.306	5.306	77	79.0	461087	151519	32.9	32.9	Fluorobenzene	1.1499	9.7563	ug/L
cis 1,2-Dichloroethylene	5.306	5.306	96	61.0	313016	481298	153.8	153.8	Fluorobenzene	0.7806	10.0936	ug/L
2-Butanone (MEK)	5.423	5.423	72	43.0	62802	257969	410.8	410.8	Fluorobenzene	0.1566	41.6078	ug/L
Bromochloromethane	5.596	5.596	49	130.0	214459	178114	83.1	83.1	Fluorobenzene	0.5348	10.0323	ug/L
Chloroform	5.733	5.733	83	85.0	514401	331207	64.4	64.4	Fluorobenzene	1.2829	9.9993	ug/L
1,1,1-Trichloroethane	5.939	5.939	97	99.0	499066	297297	59.6	59.6	Fluorobenzene	1.2446	9.8801	ug/L
Pentafluorobenzene (S)	6.034	6.034	168	99.0	721286	360426	50.0	50.0	Fluorobenzene	1.7988	10.4263	ug/L
1,1-Dichloropropylene	6.140	6.140	75	39.0	401387	265437	66.1	66.1	Fluorobenzene	1.0010	9.8677	ug/L
Carbon Tetrachloride	6.142	6.142	117	119.0	469060	453503	96.7	96.7	Fluorobenzene	1.1698	9.8504	ug/L
1,2-Dichloroethane-d4 (S)	6.304	6.304	65	No Q.	284345	No Q.	No Q.	No Q.	Fluorobenzene	0.7091	10.4756	ug/L
Benzene	6.371	6.371	78	77.0	1152363	270105	23.4	23.4	Fluorobenzene	2.8739	10.0338	ug/L
1,2-Dichloroethane	6.393	6.393	62	49.0	347019	117417	33.8	33.8	Fluorobenzene	0.8654	10.1978	ug/L
Trichloroethylene	7.116	7.116	130	132.0	343041	334923	97.6	97.6	Fluorobenzene	0.8555	9.9323	ug/L
1,2-Dichloropropane	7.344	7.344	63	62.0	292344	192927	66.0	66.0	Fluorobenzene	0.7291	9.9456	ug/L
Dibromomethane	7.459	7.459	174	93.0	170447	137857	80.9	80.9	Fluorobenzene	0.4251	10.1927	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	661860	482804	72.9	72.9	Fluorobenzene	1.6506	40.2800	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	374690	241178	64.4	64.4	Fluorobenzene	0.9344	10.0758	ug/L
cis 1,3-Dichloropropylene	8.122	8.122	75	39.0	451677	259994	57.6	57.6	Fluorobenzene	1.1264	10.1281	ug/L
4-Methyl-2-pentanone (MIBK)	8.337	8.337	43	58.0	606935	219759	36.2	36.2	Fluorobenzene	1.5136	40.1735	ug/L
Toluene	8.465	8.465	91	92.0	1306793	737917	56.5	56.5	Chlorobenzene-d5	4.3198	9.9398	ug/L
trans 1,3-Dichloropropylene	8.691	8.691	75	39.0	385410	209461	54.3	54.3	Chlorobenzene-d5	1.2740	10.1044	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	195118	169778	87.0	87.0	Chlorobenzene-d5	0.6450	10.1051	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	382544	301716	78.9	78.9	Chlorobenzene-d5	1.2646	9.7604	ug/L
1,3-Dichloropropane	9.034	9.034	76	41.0	333059	241539	72.5	72.5	Chlorobenzene-d5	1.1010	10.2479	ug/L
2-Hexanone	9.177	9.177	43	58.0	420627	203722	48.4	48.4	Chlorobenzene-d5	1.3904	40.8020	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	263222	201833	76.7	76.7	Chlorobenzene-d5	0.8701	10.1009	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	196076	182457	93.1	93.1	Chlorobenzene-d5	0.6482	10.3973	ug/L
Chlorobenzene	9.871	9.871	112	77.0	821814	487005	59.3	59.3	Chlorobenzene-d5	2.7166	9.9564	ug/L
1,1,1,2-Tetrachloroethane	9.957	9.957	131	133.0	314163	300601	95.7	95.7	Chlorobenzene-d5	1.0385	10.0716	ug/L
Ethylbenzene	9.994	9.994	91	106.0	1469712	473314	32.2	32.2	Chlorobenzene-d5	4.8583	9.9728	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	1169642	579814	49.6	49.6	Chlorobenzene-d5	3.8664	9.9100	ug/L
o-Xylene	10.507	10.507	91	106.0	1185825	551848	46.5	46.5	Chlorobenzene-d5	3.9199	10.0452	ug/L
Styrene	10.515	10.515	104	103.0	906445	514142	56.7	56.7	Chlorobenzene-d5	2.9964	10.0353	ug/L
Bromoform	10.677	10.677	173	171.0	164913	84754	51.4	51.4	Chlorobenzene-d5	0.5451	10.0029	ug/L
Isopropylbenzene	10.880	10.880	105	120.0	1473486	396990	26.9	26.9	Chlorobenzene-d5	4.8708	9.8799	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	411362	378122	91.9	91.9	Chlorobenzene-d5	1.3598	10.3549	ug/L
1,1,2,2-Tetrachloroethane	11.157	11.157	83	85.0	214916	137309	63.9	63.9	1,4-Dichlorobenzene-d4	1.2359	10.3804	ug/L
Bromobenzene	11.159	11.159	156	77.0	373854	552518	147.8	147.8	1,4-Dichlorobenzene-d4	2.1499	10.1689	ug/L

By Sample Quant Report

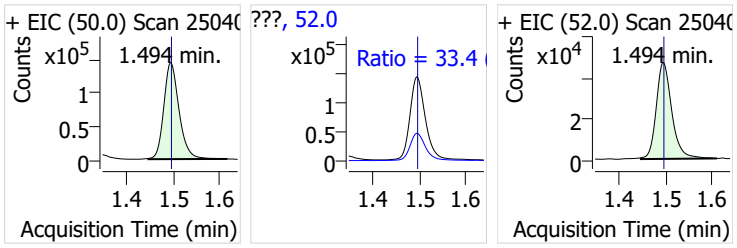
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.196	11.196	110	75.0	60575	465695	768.8	768.8	1,4-Dichlorobenzene-d4	0.3483	9.9258	ug/L
trans-1,4-Dichloro-2-butene	11.218	11.218	53	89.0	206897	141942	68.6	68.6	1,4-Dichlorobenzene-d4	1.1898	41.0595	ug/L
n-Propylbenzene	11.290	11.290	120	91.0	420527	1719104	408.8	408.8	1,4-Dichlorobenzene-d4	2.4183	10.2021	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	1011828	356427	35.2	35.2	1,4-Dichlorobenzene-d4	5.8186	10.2562	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	1279642	615042	48.1	48.1	1,4-Dichlorobenzene-d4	7.3587	10.1427	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	368821	1186575	321.7	321.7	1,4-Dichlorobenzene-d4	2.1209	10.1804	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	253979	1122055	441.8	441.8	1,4-Dichlorobenzene-d4	1.4605	10.0582	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	1306808	587521	45.0	45.0	1,4-Dichlorobenzene-d4	7.5149	10.1998	ug/L
sec-Butylbenzene	12.015	12.015	105	134.0	1584822	319909	20.2	20.2	1,4-Dichlorobenzene-d4	9.1137	10.1758	ug/L
1,3-Dichlorobenzene	12.107	12.107	146	148.0	731947	457750	62.5	62.5	1,4-Dichlorobenzene-d4	4.2091	10.3375	ug/L
p-Isopropyltoluene	12.163	12.163	119	134.0	1399888	373834	26.7	26.7	1,4-Dichlorobenzene-d4	8.0502	10.1643	ug/L
1,4-Dichlorobenzene	12.194	12.194	146	148.0	716772	459349	64.1	64.1	1,4-Dichlorobenzene-d4	4.1219	10.0879	ug/L
1,2-Dichlorobenzene-d4 (S)	12.545	12.545	152	150.0	411951	712454	172.9	172.9	1,4-Dichlorobenzene-d4	2.3690	10.5568	ug/L
1,2-Dichlorobenzene	12.565	12.565	146	148.0	663878	428430	64.5	64.5	1,4-Dichlorobenzene-d4	3.8177	10.2665	ug/L
n-Butylbenzene	12.570	12.570	91	92.0	1234595	635229	51.5	51.5	1,4-Dichlorobenzene-d4	7.0997	10.1375	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	49146	42368	86.2	86.2	1,4-Dichlorobenzene-d4	0.2826	10.0217	ug/L
1,2,4-Trichlorobenzene	14.179	14.179	180	182.0	531712	510256	96.0	96.0	1,4-Dichlorobenzene-d4	3.0577	10.2821	ug/L
Hexachlorobutadiene	14.372	14.372	225	227.0	261965	167402	63.9	63.9	1,4-Dichlorobenzene-d4	1.5065	10.0708	ug/L
Naphthalene	14.416	14.416	128	127.0	849801	111501	13.1	13.1	1,4-Dichlorobenzene-d4	4.8869	10.4648	ug/L
1,2,3-Trichlorobenzene	14.665	14.665	180	182.0	464475	437008	94.1	94.1	1,4-Dichlorobenzene-d4	2.6710	10.4727	ug/L

Compound Graphics

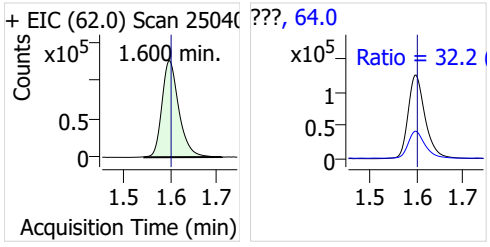
Dichlorodifluoromethane



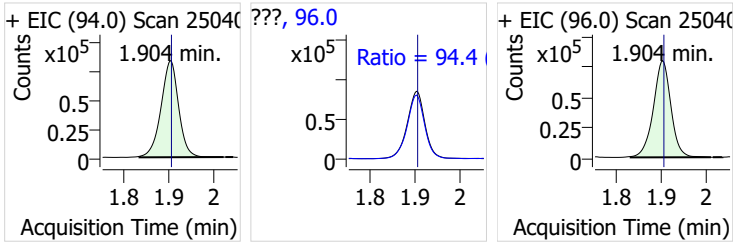
Chloromethane



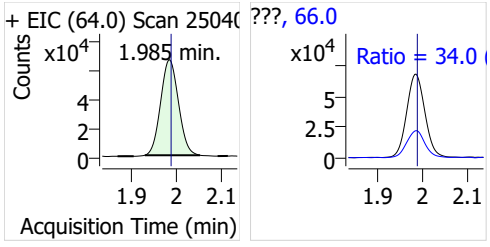
Vinyl Chloride



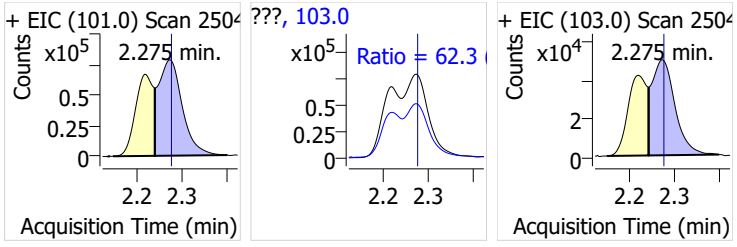
Bromomethane



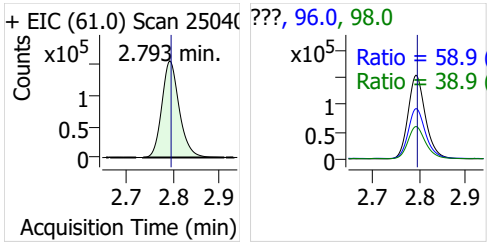
Chloroethane



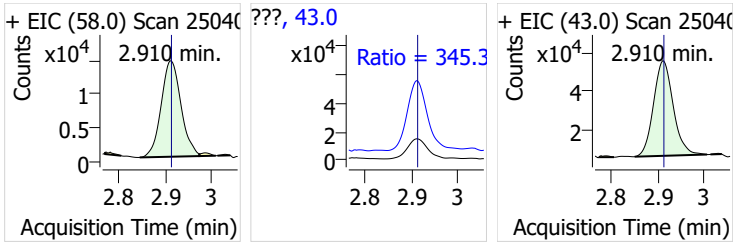
Trichlorofluoromethane



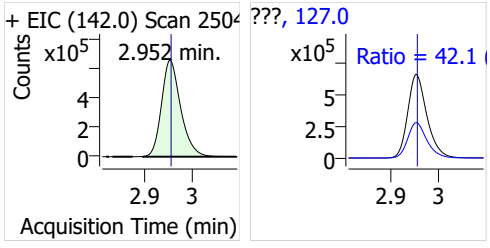
1,1-Dichloroethylene



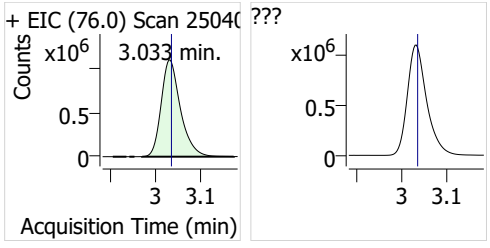
Acetone



Iodomethane

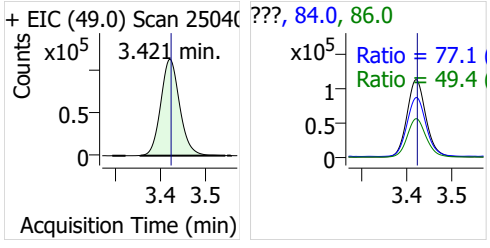


Carbon Disulfide

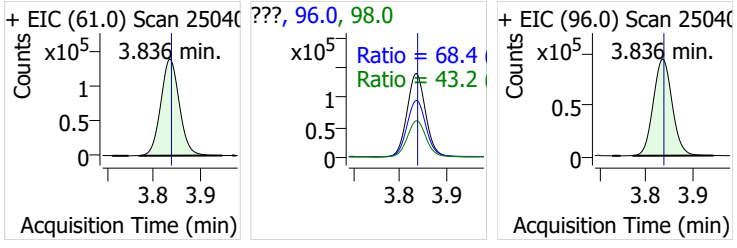


No Qualifier

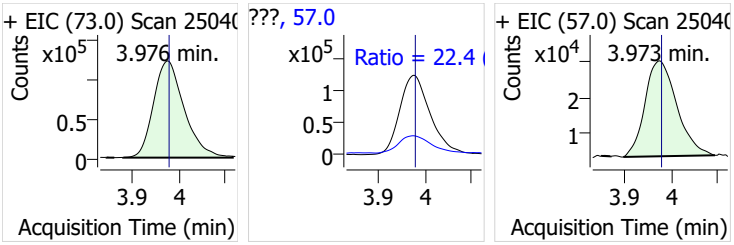
Dichloromethane



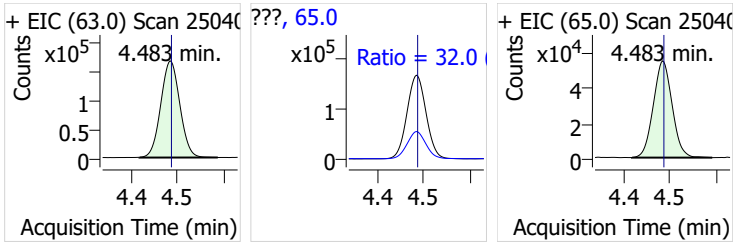
trans 1,2-Dichloroethylene



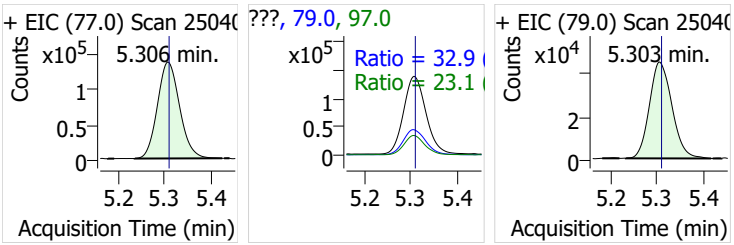
MTBE



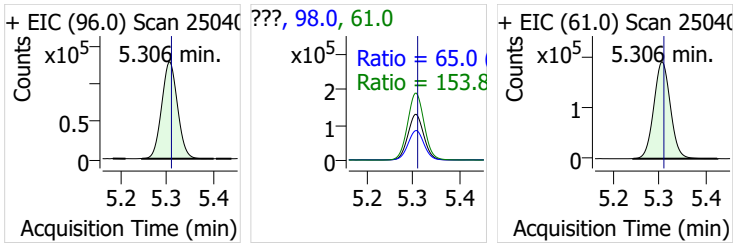
1,1-Dichloroethane



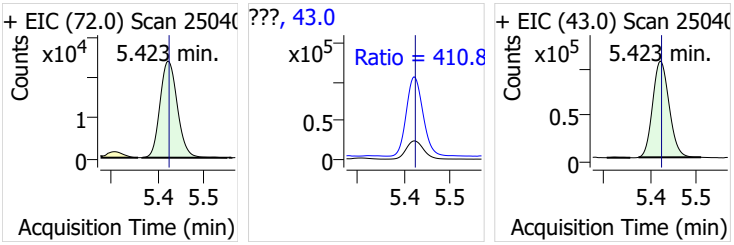
2,2-Dichloropropane



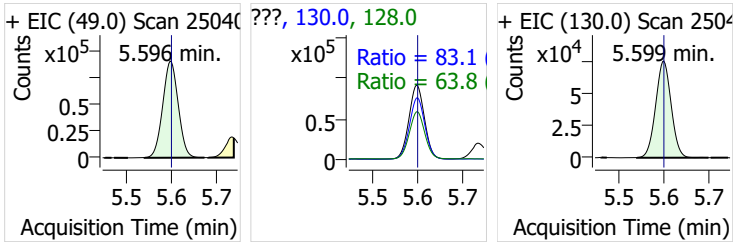
cis 1,2-Dichloroethylene



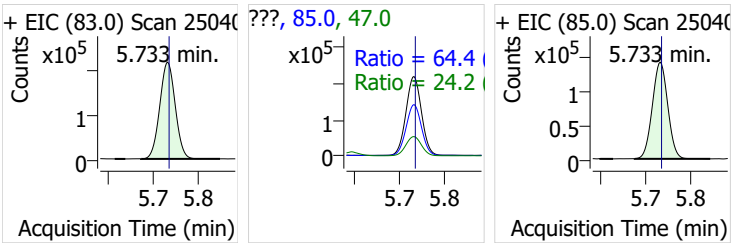
2-Butanone (MEK)



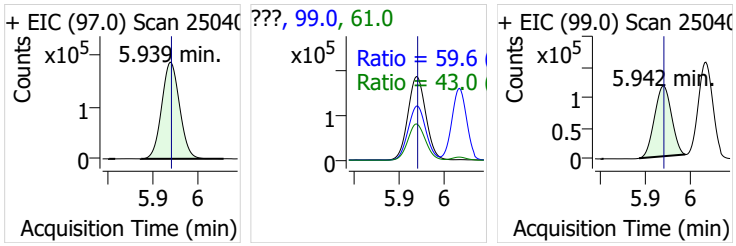
Bromochloromethane



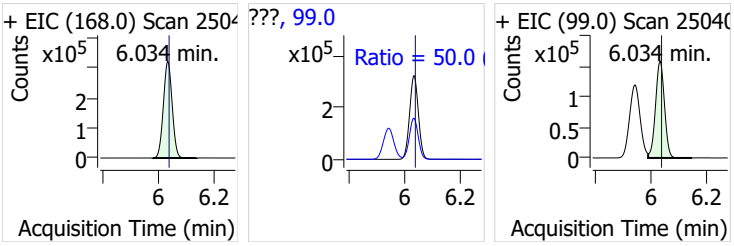
Chloroform



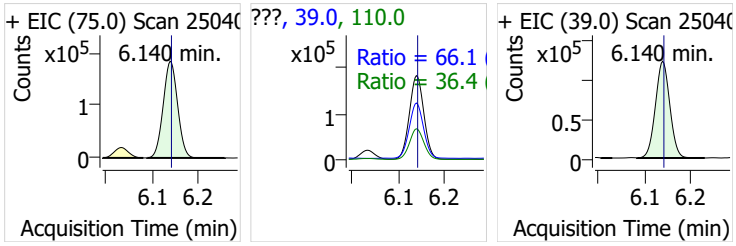
1,1,1-Trichloroethane



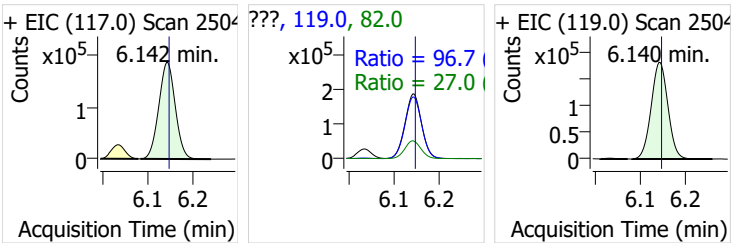
Pentafluorobenzene (S)



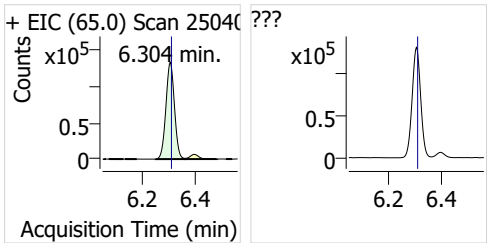
1,1-Dichloropropylene



Carbon Tetrachloride

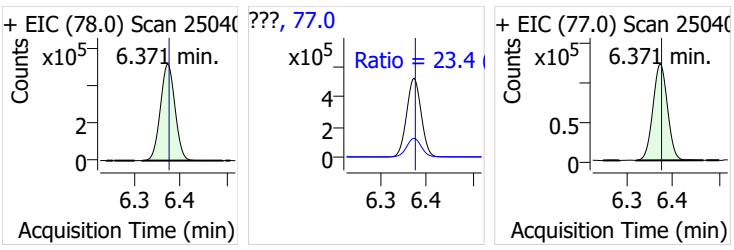


1,2-Dichloroethane-d4 (S)

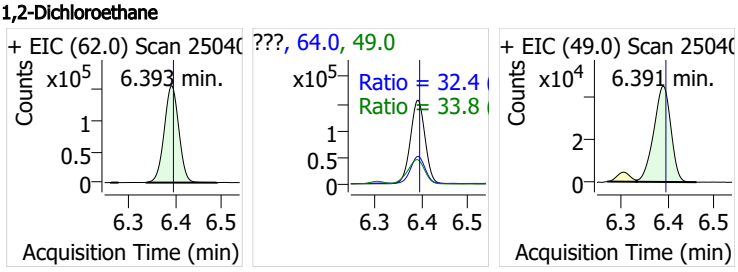


No Qualifier

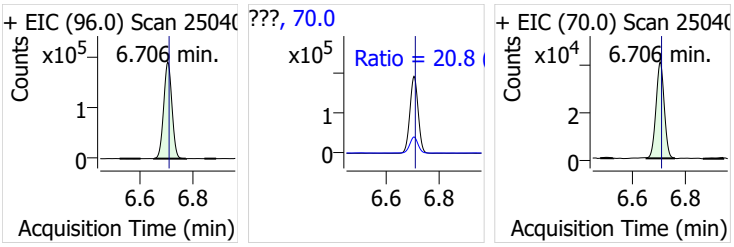
Benzene



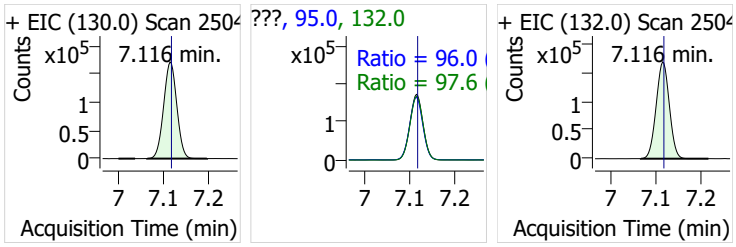
1,2-Dichloroethane



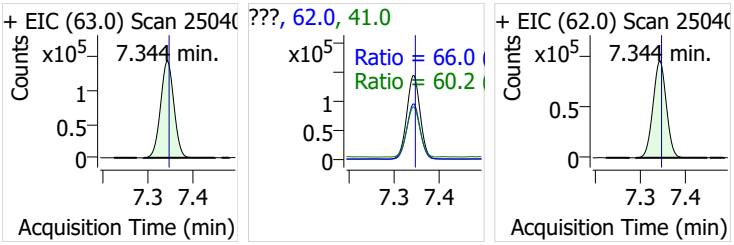
Fluorobenzene



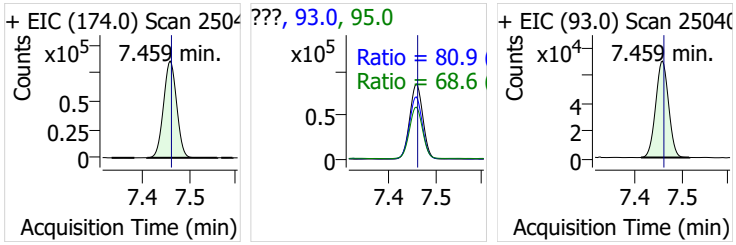
Trichloroethylene



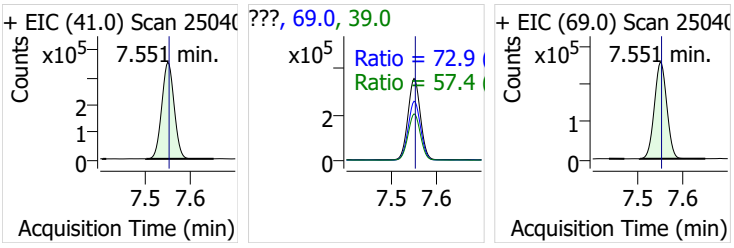
1,2-Dichloropropane



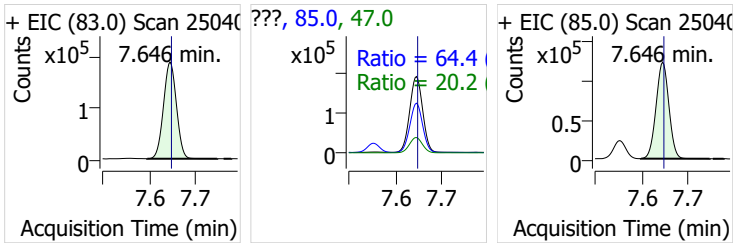
Dibromomethane



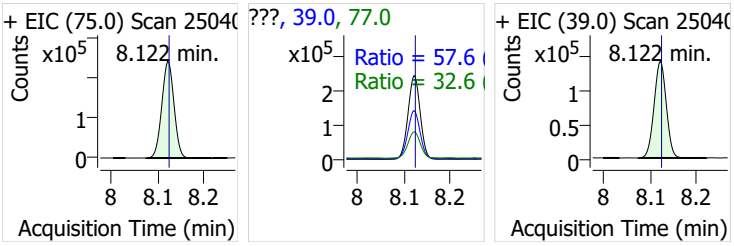
Methyl Methacrylate



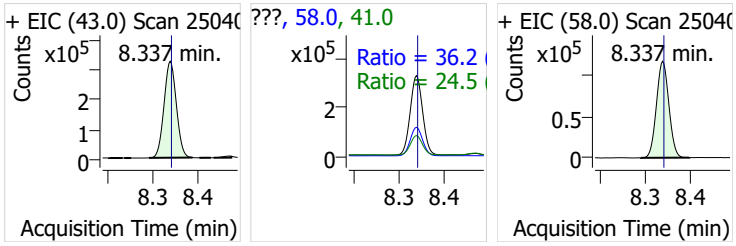
Bromodichloromethane



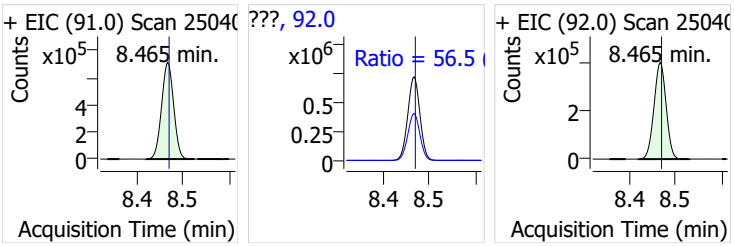
cis 1,3-Dichloropropylene



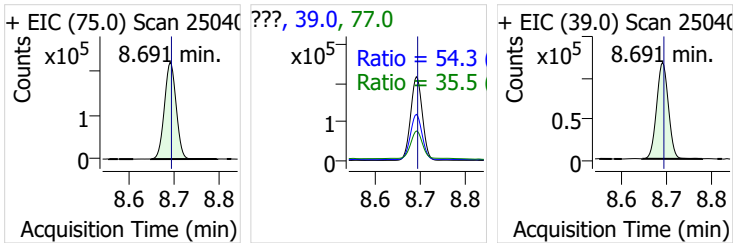
4-Methyl-2-pentanone (MIBK)



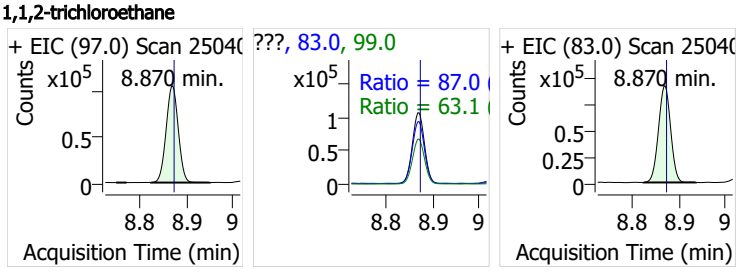
Toluene



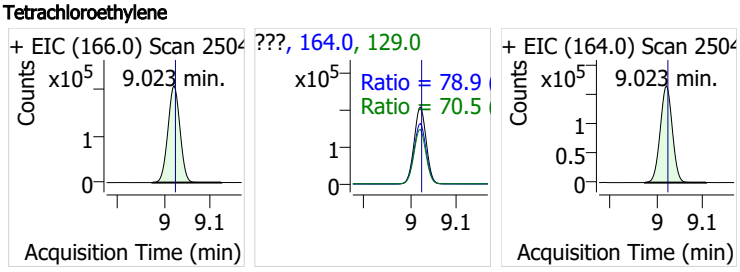
trans 1,3-Dichloropropylene



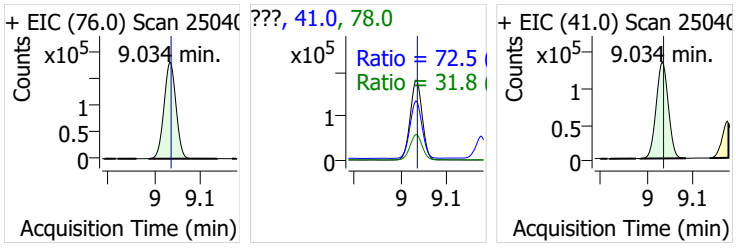
1,1,2-trichloroethane



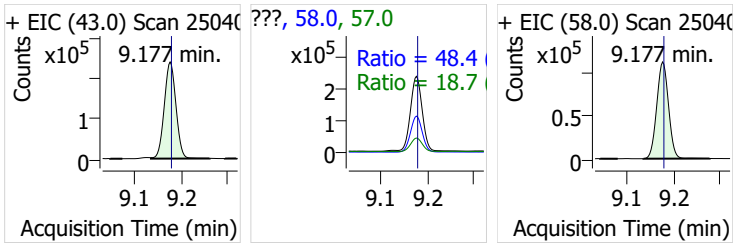
Tetrachloroethylene



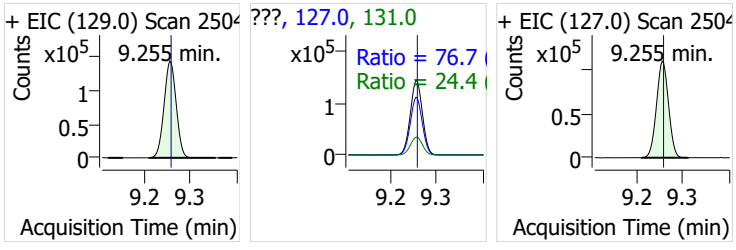
1,3-Dichloropropane



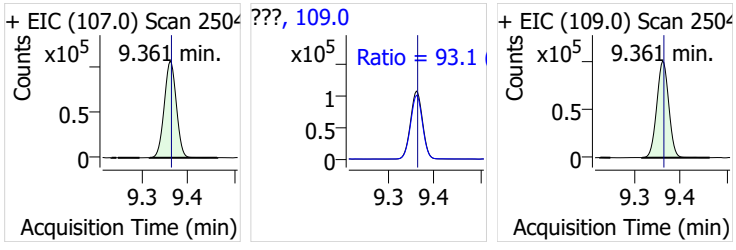
2-Hexanone



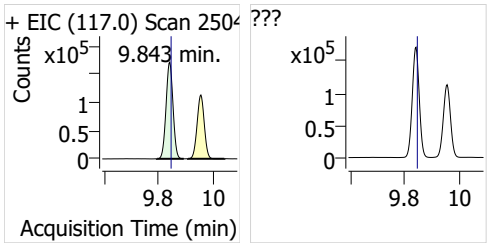
Dibromochloromethane



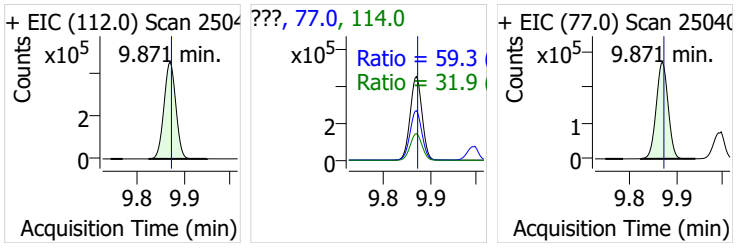
1,2-Dibromoethane (EDB)



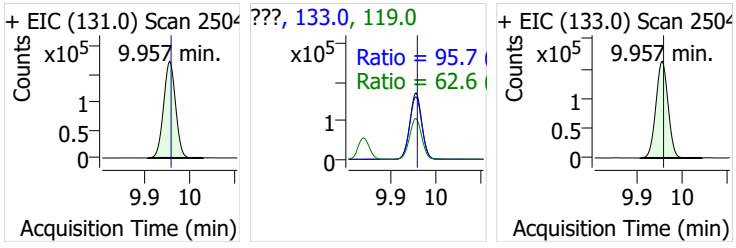
Chlorobenzene-d5



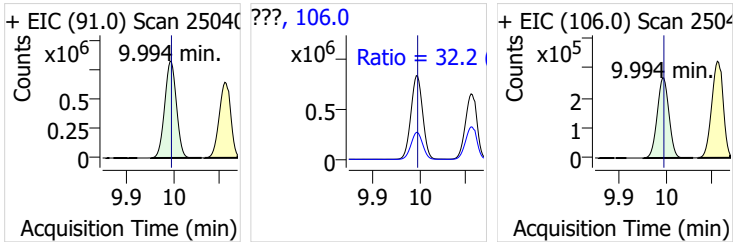
Chlorobenzene



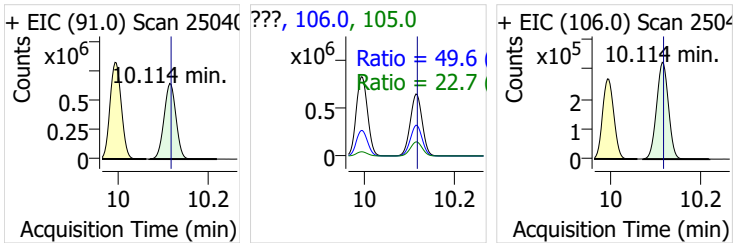
1,1,1,2-Tetrachloroethane



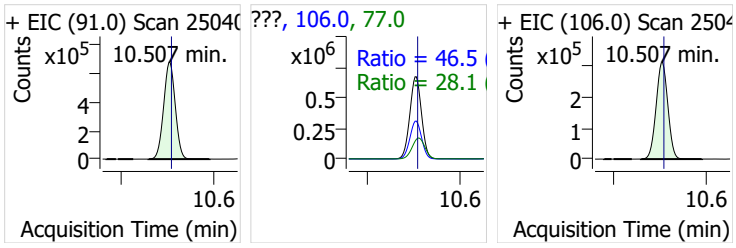
Ethylbenzene



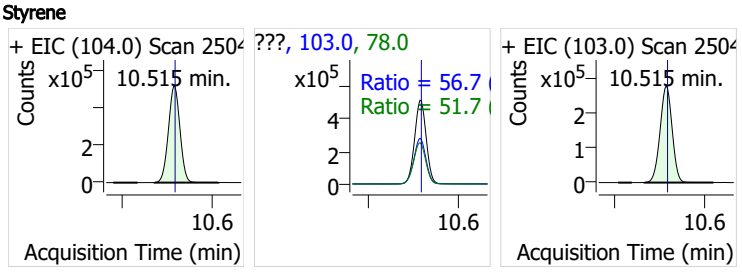
m,p-Xylenes



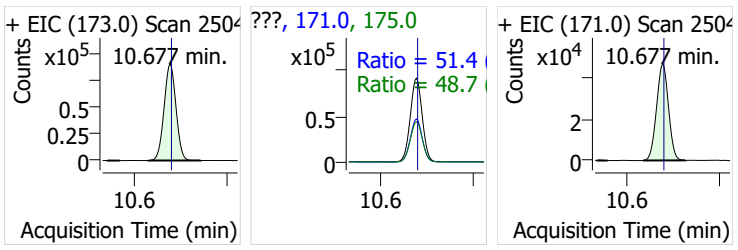
o-Xylene



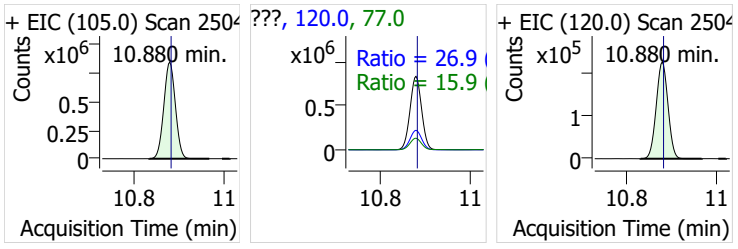
Styrene



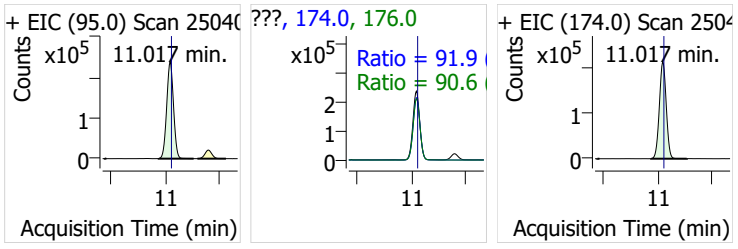
Bromoform



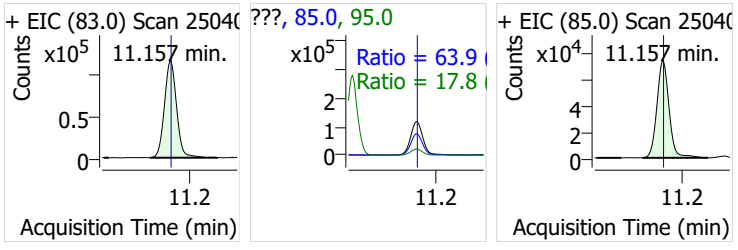
Isopropylbenzene



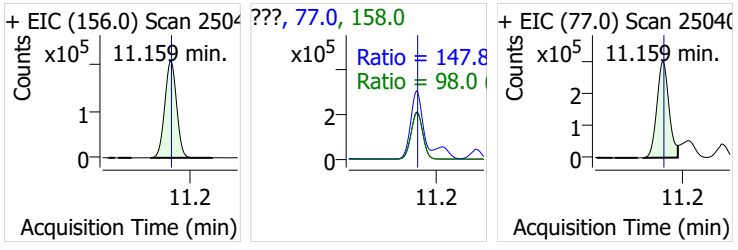
4-Bromofluorobenzene (S)



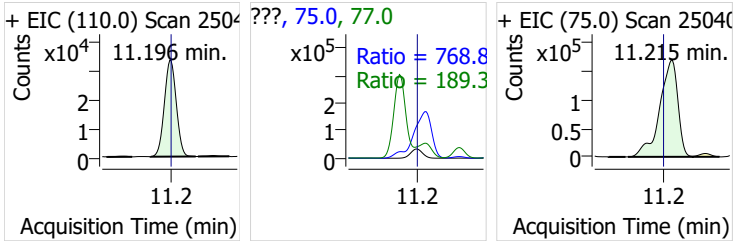
1,1,2,2-Tetrachloroethane



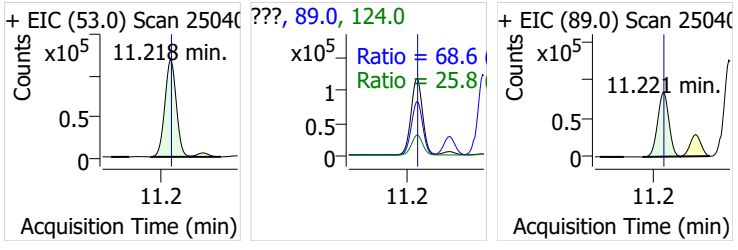
Bromobenzene



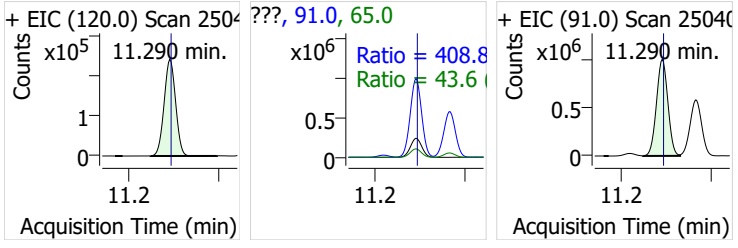
1,2,3-Trichloropropane



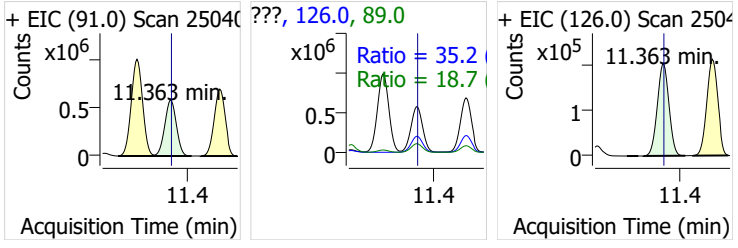
trans-1,4-Dichloro-2-butene



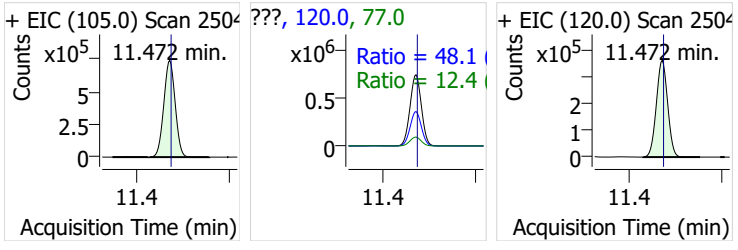
n-Propylbenzene



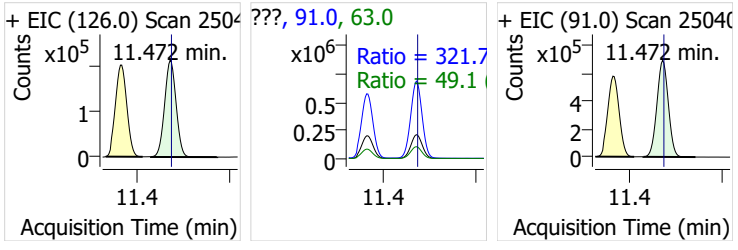
2-Chlorotoluene



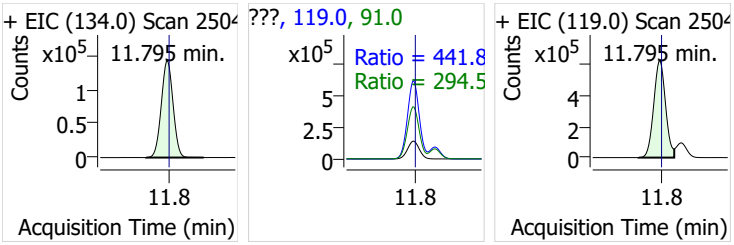
1,3,5-Trimethylbenzene



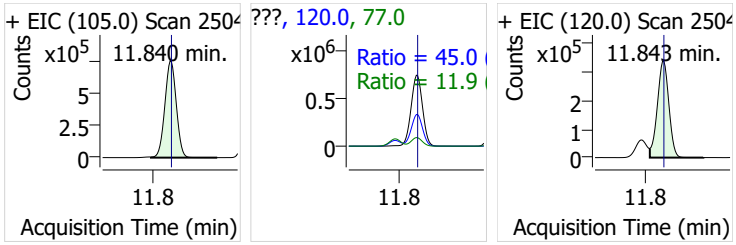
4-Chlorotoluene



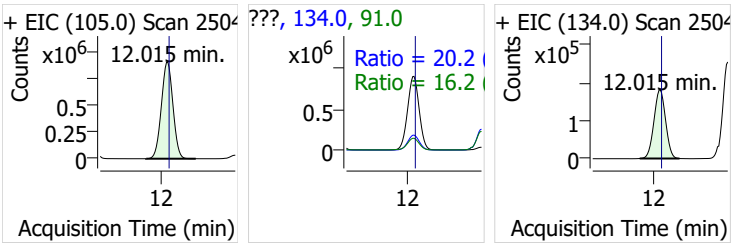
tert-Butylbenzene



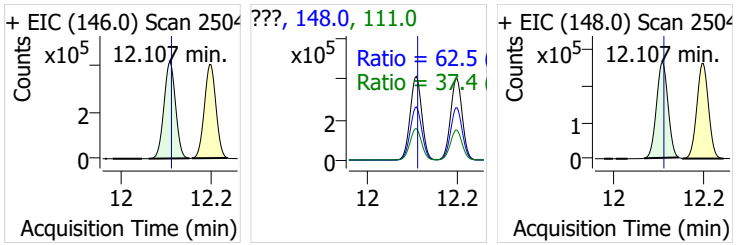
1,2,4-Trimethylbenzene



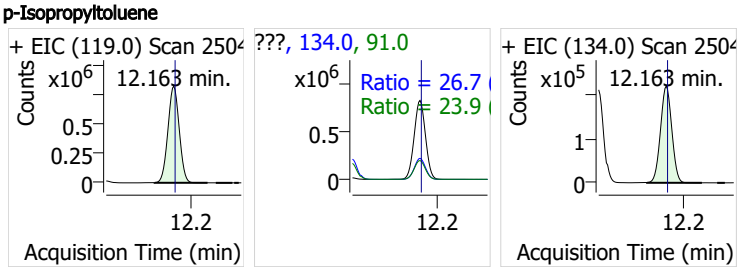
sec-Butylbenzene



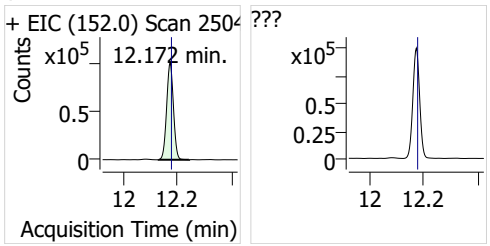
1,3-Dichlorobenzene



p-Isopropyltoluene

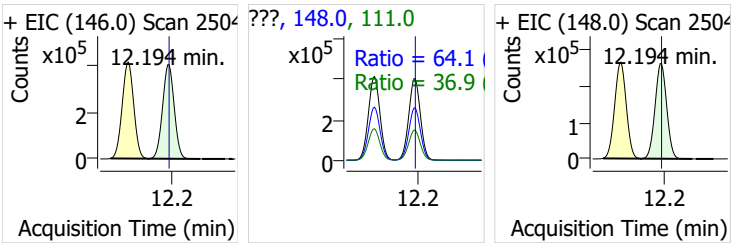


1,4-Dichlorobenzene-d4

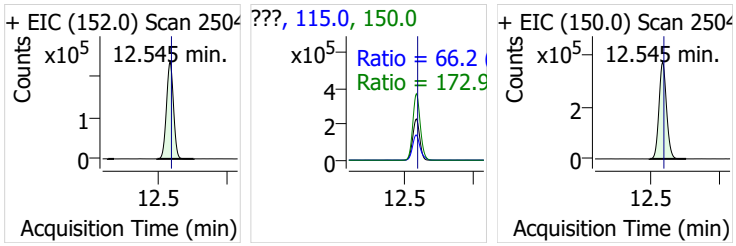


No Qualifier

1,4-Dichlorobenzene



1,2-Dichlorobenzene-d4 (S)



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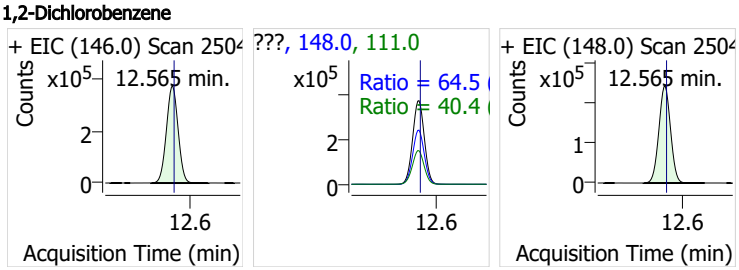
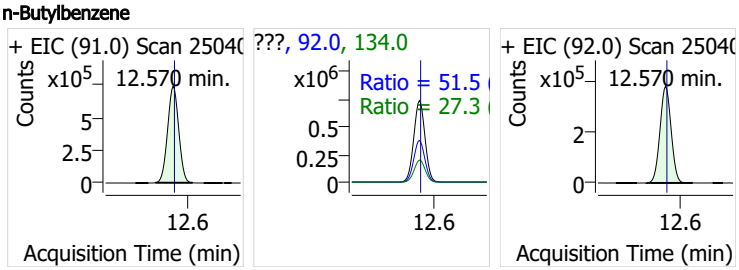
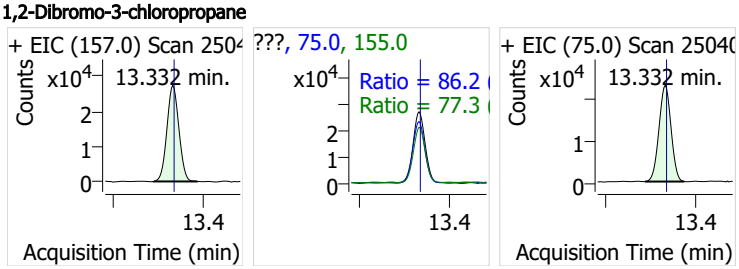


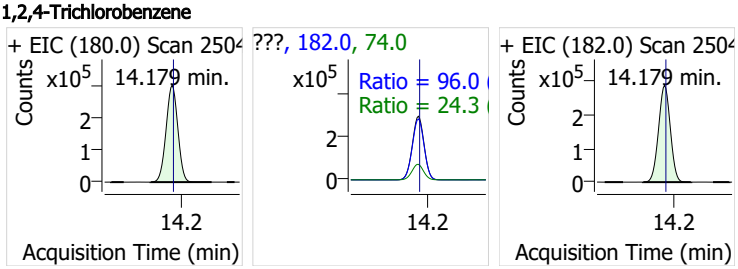
n-Butylbenzene



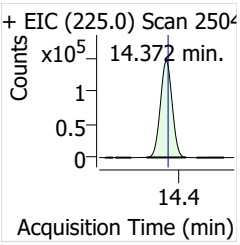
1,2-Dibromo-3-chloropropane

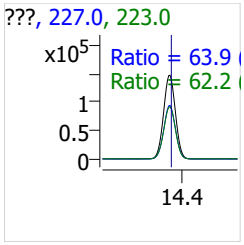


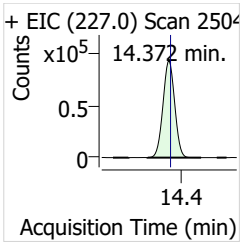
1,2,4-Trichlorobenzene



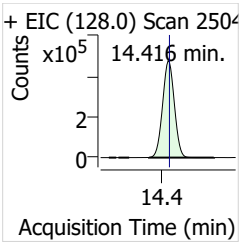
Hexachlorobutadiene

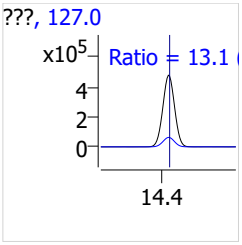


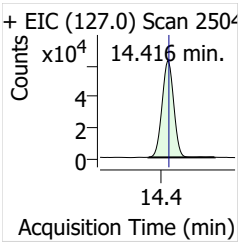




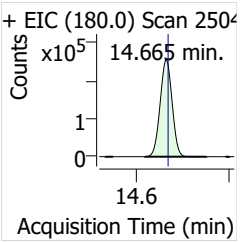
Naphthalene

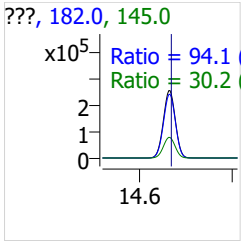


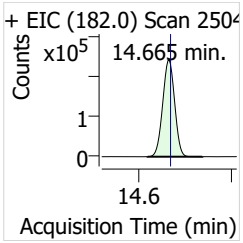




1,2,3-Trichlorobenzene







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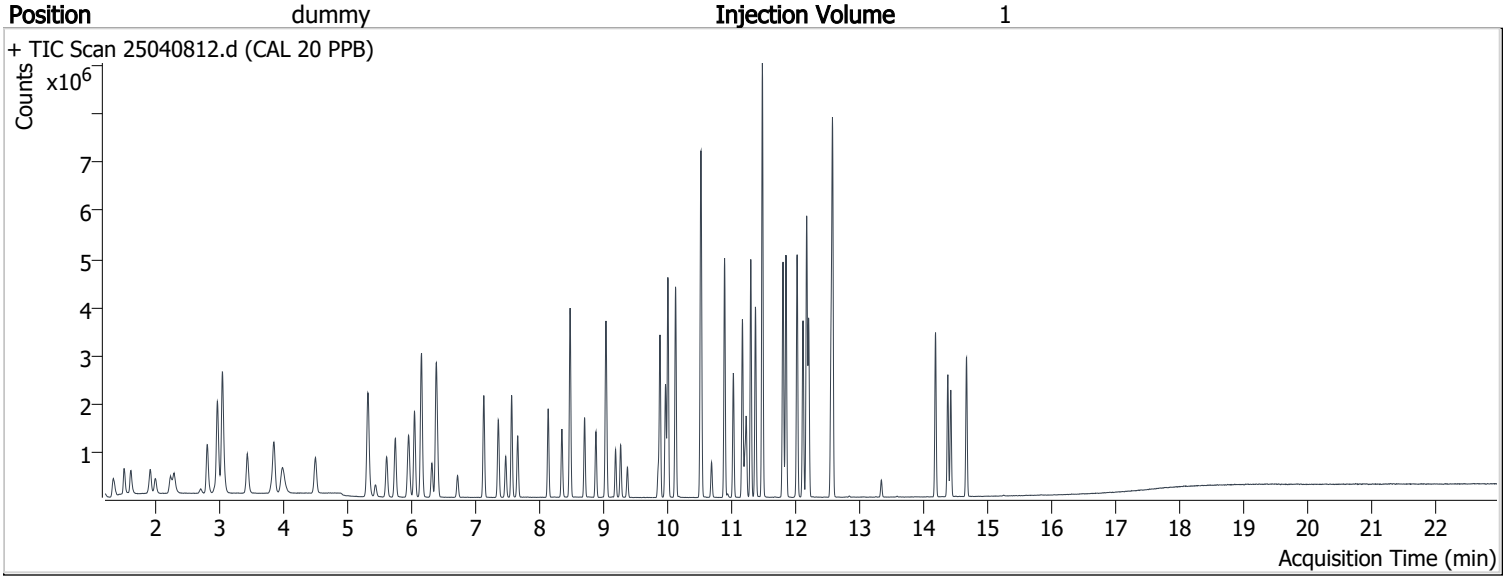
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:38:03 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040812.d	**Sample Name**	CAL 20 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 10:27 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.034	19.8848
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.304	19.8626
4-Bromofluorobenzene (S)	S	Surrogate	11.017	19.8300
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.545	19.3789
		Total		78.96

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.324	22.4641
Bromomethane	T	Target	1.901	20.8186
Chloroethane	T	Target	1.979	21.0544
Trichlorofluoromethane	T	Target	2.272	17.0915
Acetone	T	Target	2.908	59.8450
Iodomethane	T	Target	2.949	59.2401
Carbon Disulfide	T	Target	3.030	59.1493
Dichloromethane	T	Target	3.418	19.9857
trans 1,2-Dichloroethylene	T	Target	3.833	20.6122
MTBE	T	Target	3.967	21.0692
2,2-Dichloropropane	T	Target	5.306	20.3589
cis 1,2-Dichloroethylene	T	Target	5.303	20.5227
2-Butanone (MEK)	T	Target	5.423	59.4287
Bromochloromethane	T	Target	5.596	20.7264
1,1,1-Trichloroethane	T	Target	5.939	21.0777
1,1-Dichloropropylene	T	Target	6.140	20.6529
Carbon Tetrachloride	T	Target	6.140	20.9095
Benzene	T	Target	6.371	20.5655
1,2-Dichloroethane	T	Target	6.391	20.5226

Trichloroethylene	T	Target		7.116	20.6403
Dibromomethane	T	Target		7.459	20.6710
Methyl Methacrylate	T	Target		7.551	60.7176
Bromodichloromethane	T	Target		7.646	20.7032
cis 1,3-Dichloropropylene	T	Target		8.122	20.7028
4-Methyl-2-pentanone (MIBK)	T	Target		8.337	60.5367
trans 1,3-Dichloropropylene	T	Target		8.691	20.3262
1,1,2-trichloroethane	T	Target		8.870	20.2190
Tetrachloroethylene	T	Target		9.023	20.4727
1,3-Dichloropropane	T	Target		9.034	20.4199
2-Hexanone	T	Target		9.177	59.3513
Dibromochloromethane	T	Target		9.255	20.4749
1,2-Dibromoethane (EDB)	T	Target		9.361	20.6079
1,1,1,2-Tetrachloroethane	T	Target		9.957	20.6303
m,p-Xylenes	T	Target		10.114	20.4560
o-Xylene	T	Target		10.507	20.4945
Styrene	T	Target		10.518	20.5287
Isopropylbenzene	T	Target		10.880	20.6266
Bromobenzene	T	Target		11.159	20.0768
1,2,3-Trichloropropane	T	Target		11.198	19.1546
trans-1,4-Dichloro-2-butene	T	Target		11.218	58.5156
n-Propylbenzene	T	Target		11.290	20.3129
2-Chlorotoluene	T	Target		11.363	20.1211
1,3,5-Trimethylbenzene	T	Target		11.472	20.1380
4-Chlorotoluene	T	Target		11.472	19.7270
tert-Butylbenzene	T	Target		11.795	20.0993
1,2,4-Trimethylbenzene	T	Target		11.840	20.1246
sec-Butylbenzene	T	Target		12.015	20.5677
1,3-Dichlorobenzene	T	Target		12.107	20.0922
p-Isopropyltoluene	T	Target		12.163	20.5595
1,4-Dichlorobenzene	T	Target		12.197	19.8274
1,2-Dichlorobenzene	T	Target		12.565	19.9525
n-Butylbenzene	T	Target		12.570	20.8603
1,2-Dibromo-3-chloropropane	T	Target		13.332	19.2562
1,2,4-Trichlorobenzene	T	Target		14.179	20.2267
Hexachlorobutadiene	T	Target		14.372	20.2351
Naphthalene	T	Target		14.416	20.1789
1,2,3-Trichlorobenzene	T	Target		14.665	20.3064
			Total		1475.01

Compound	Compound Group	Compound Type		RT	Final Conc.
Chloromethane	P	Target		1.494	20.5725
1,1-Dichloroethane	P	Target		4.483	20.3701
Chlorobenzene	P	Target		9.871	20.5225
Bromoform	P	Target		10.677	20.3193
1,1,2,2-Tetrachloroethane	P	Target		11.159	19.9759
			Total		101.76

Compound	Compound Group	Compound Type		RT	Final Conc.
Vinyl Chloride	C	Target		1.597	20.5964
1,1-Dichloroethylene	C	Target		2.790	20.8579
Chloroform	C	Target		5.733	20.4573
1,2-Dichloropropane	C	Target		7.342	20.6433
Toluene	C	Target		8.465	20.4065
Ethylbenzene	C	Target		9.994	20.5405
			Total		123.50

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.706	96	398047
Chlorobenzene-d5	ISTD	9.843	117	302054
1,4-Dichlorobenzene-d4	ISTD	12.172	152	179978

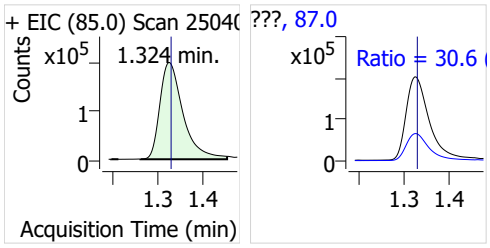
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.324	1.326	85	87.0	712997	218071	30.6	30.6	Fluorobenzene	1.7912	22.4641	ug/L
Chloromethane	1.494	1.494	50	52.0	689309	220248	32.0	33.4	Fluorobenzene	1.7317	20.5725	ug/L
Vinyl Chloride	1.597	1.600	62	64.0	683967	215314	31.5	32.2	Fluorobenzene	1.7183	20.5964	ug/L
Bromomethane	1.901	1.904	94	96.0	451158	424387	94.1	94.4	Fluorobenzene	1.1334	20.8186	ug/L
Chloroethane	1.979	1.985	64	66.0	373972	120340	32.2	34.0	Fluorobenzene	0.9395	21.0544	ug/L
Trichlorofluoromethane	2.272	2.275	101	103.0	597389	363690	60.9	62.3	Fluorobenzene	1.5008	17.0915	ug/L
1,1-Dichloroethylene	2.790	2.793	61	96.0	846829	507199	59.9	58.9	Fluorobenzene	2.1275	20.8579	ug/L
Acetone	2.908	2.910	58	43.0	64955	203282	313.0	345.3	Fluorobenzene	0.1632	59.8450	ug/L
Iodomethane	2.949	2.952	142	127.0	2906767	1234052	42.5	42.1	Fluorobenzene	7.3026	59.2401	ug/L
Carbon Disulfide	3.030	3.033	76	No Q.	4869716	No Q.	No Q.	No Q.	Fluorobenzene	12.2340	59.1493	ug/L
Dichloromethane	3.418	3.421	49	84.0	646325	509511	78.8	77.1	Fluorobenzene	1.6237	19.9857	ug/L
trans 1,2-Dichloroethylene	3.833	3.836	61	96.0	831656	535495	64.4	68.4	Fluorobenzene	2.0893	20.6122	ug/L
MTBE	3.967	3.976	73	57.0	1142288	254391	22.3	22.4	Fluorobenzene	2.8697	21.0692	ug/L
1,1-Dichloroethane	4.483	4.483	63	65.0	987318	316035	32.0	32.0	Fluorobenzene	2.4804	20.3701	ug/L
2,2-Dichloropropane	5.306	5.306	77	79.0	955134	306401	32.1	32.9	Fluorobenzene	2.3996	20.3589	ug/L
cis 1,2-Dichloroethylene	5.303	5.306	96	61.0	631789	979622	155.1	153.8	Fluorobenzene	1.5872	20.5227	ug/L
2-Butanone (MEK)	5.423	5.423	72	43.0	89045	386585	434.1	410.8	Fluorobenzene	0.2237	59.4287	ug/L
Bromochloromethane	5.596	5.596	49	130.0	439825	356280	81.0	83.1	Fluorobenzene	1.1050	20.7264	ug/L
Chloroform	5.733	5.733	83	85.0	1044714	676906	64.8	64.4	Fluorobenzene	2.6246	20.4573	ug/L
1,1,1-Trichloroethane	5.939	5.939	97	99.0	1056906	615010	58.2	59.6	Fluorobenzene	2.6552	21.0777	ug/L
Pentafluorobenzene (S)	6.034	6.034	168	99.0	1365563	681658	49.9	50.0	Fluorobenzene	3.4307	19.8848	ug/L
1,1-Dichloropropylene	6.140	6.140	75	39.0	833956	545803	65.4	66.1	Fluorobenzene	2.0951	20.6529	ug/L
Carbon Tetrachloride	6.140	6.142	117	119.0	988402	965373	97.7	96.7	Fluorobenzene	2.4831	20.9095	ug/L
1,2-Dichloroethane-d4 (S)	6.304	6.304	65	No Q.	535198	No Q.	No Q.	No Q.	Fluorobenzene	1.3446	19.8626	ug/L
Benzene	6.371	6.371	78	77.0	2344655	547413	23.3	23.4	Fluorobenzene	5.8904	20.5655	ug/L
1,2-Dichloroethane	6.391	6.393	62	49.0	693256	239207	34.5	33.8	Fluorobenzene	1.7416	20.5226	ug/L
Trichloroethylene	7.116	7.116	130	132.0	707667	678986	95.9	97.6	Fluorobenzene	1.7778	20.6403	ug/L
1,2-Dichloropropane	7.342	7.344	63	62.0	602360	392059	65.1	66.0	Fluorobenzene	1.5133	20.6433	ug/L
Dibromomethane	7.459	7.459	174	93.0	343143	280611	81.8	80.9	Fluorobenzene	0.8621	20.6710	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	990389	714076	72.1	72.9	Fluorobenzene	2.4881	60.7176	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	764267	485818	63.6	64.4	Fluorobenzene	1.9200	20.7032	ug/L
cis 1,3-Dichloropropylene	8.122	8.122	75	39.0	916522	527512	57.6	57.6	Fluorobenzene	2.3025	20.7028	ug/L
4-Methyl-2-pentanone (MIBK)	8.337	8.337	43	58.0	907895	325049	35.8	36.2	Fluorobenzene	2.2809	60.5367	ug/L
Toluene	8.465	8.465	91	92.0	2678789	1520844	56.8	56.5	Chlorobenzene-d5	8.8686	20.4065	ug/L
trans 1,3-Dichloropropylene	8.691	8.691	75	39.0	774121	421457	54.4	54.3	Chlorobenzene-d5	2.5629	20.3262	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	389813	340827	87.4	87.0	Chlorobenzene-d5	1.2905	20.2190	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	801182	620084	77.4	78.9	Chlorobenzene-d5	2.6524	20.4727	ug/L
1,3-Dichloropropane	9.034	9.034	76	41.0	662645	485747	73.3	72.5	Chlorobenzene-d5	2.1938	20.4199	ug/L
2-Hexanone	9.177	9.177	43	58.0	610924	297437	48.7	48.4	Chlorobenzene-d5	2.0226	59.3513	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	532750	414274	77.8	76.7	Chlorobenzene-d5	1.7638	20.4749	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	388044	365302	94.1	93.1	Chlorobenzene-d5	1.2847	20.6079	ug/L
Chlorobenzene	9.871	9.871	112	77.0	1691392	982289	58.1	59.3	Chlorobenzene-d5	5.5996	20.5225	ug/L
1,1,1,2-Tetrachloroethane	9.957	9.957	131	133.0	642544	617634	96.1	95.7	Chlorobenzene-d5	2.1272	20.6303	ug/L
Ethylbenzene	9.994	9.994	91	106.0	3022523	961710	31.8	32.2	Chlorobenzene-d5	10.0066	20.5405	ug/L
m,p-Xylenes	10.114	10.114	91	106.0	2410686	1176985	48.8	49.6	Chlorobenzene-d5	7.9810	20.4560	ug/L
o-Xylene	10.507	10.507	91	106.0	2415698	1120952	46.4	46.5	Chlorobenzene-d5	7.9976	20.4945	ug/L
Styrene	10.518	10.515	104	103.0	1851464	1047439	56.6	56.7	Chlorobenzene-d5	6.1296	20.5287	ug/L
Bromoform	10.677	10.677	173	171.0	334486	165435	49.5	51.4	Chlorobenzene-d5	1.1074	20.3193	ug/L
Isopropylbenzene	10.880	10.880	105	120.0	3071568	822288	26.8	26.9	Chlorobenzene-d5	10.1689	20.6266	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	786576	720437	91.6	91.9	Chlorobenzene-d5	2.6041	19.8300	ug/L
1,1,2,2-Tetrachloroethane	11.159	11.157	83	85.0	428048	275604	64.4	63.9	1,4-Dichlorobenzene-d4	2.3783	19.9759	ug/L
Bromobenzene	11.159	11.159	156	77.0	763933	1310135	171.5	147.8	1,4-Dichlorobenzene-d4	4.2446	20.0768	ug/L

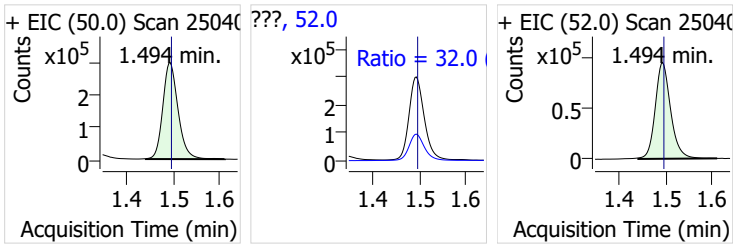
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.198	11.196	110	75.0	120986	793125	655.5	768.8	1,4-Dichlorobenzene-d4	0.6722	19.1546	ug/L
trans-1,4-Dichloro-2-butene	11.218	11.218	53	89.0	305174	212438	69.6	68.6	1,4-Dichlorobenzene-d4	1.6956	58.5156	ug/L
n-Propylbenzene	11.290	11.290	120	91.0	866586	3568805	411.8	408.8	1,4-Dichlorobenzene-d4	4.8149	20.3129	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	2054499	730416	35.6	35.2	1,4-Dichlorobenzene-d4	11.4153	20.1211	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	2629575	1269191	48.3	48.1	1,4-Dichlorobenzene-d4	14.6105	20.1380	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	739683	2415928	326.6	321.7	1,4-Dichlorobenzene-d4	4.1098	19.7270	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	525282	2338089	445.1	441.8	1,4-Dichlorobenzene-d4	2.9186	20.0993	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	2668585	1212179	45.4	45.0	1,4-Dichlorobenzene-d4	14.8273	20.1246	ug/L
sec-Butylbenzene	12.015	12.015	105	134.0	3315374	677108	20.4	20.2	1,4-Dichlorobenzene-d4	18.4210	20.5677	ug/L
1,3-Dichlorobenzene	12.107	12.107	146	148.0	1472402	950533	64.6	62.5	1,4-Dichlorobenzene-d4	8.1810	20.0922	ug/L
p-Isopropyltoluene	12.163	12.163	119	134.0	2930642	780515	26.6	26.7	1,4-Dichlorobenzene-d4	16.2833	20.5595	ug/L
1,4-Dichlorobenzene	12.197	12.194	146	148.0	1458078	929921	63.8	64.1	1,4-Dichlorobenzene-d4	8.1014	19.8274	ug/L
1,2-Dichlorobenzene-d4 (S)	12.545	12.545	152	150.0	782663	1362670	174.1	172.9	1,4-Dichlorobenzene-d4	4.3486	19.3789	ug/L
1,2-Dichlorobenzene	12.565	12.565	146	148.0	1335352	860284	64.4	64.5	1,4-Dichlorobenzene-d4	7.4195	19.9525	ug/L
n-Butylbenzene	12.570	12.570	91	92.0	2629335	1322781	50.3	51.5	1,4-Dichlorobenzene-d4	14.6092	20.8603	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	97735	83892	85.8	86.2	1,4-Dichlorobenzene-d4	0.5430	19.2562	ug/L
1,2,4-Trichlorobenzene	14.179	14.179	180	182.0	1082563	1029322	95.1	96.0	1,4-Dichlorobenzene-d4	6.0150	20.2267	ug/L
Hexachlorobutadiene	14.372	14.372	225	227.0	544776	348674	64.0	63.9	1,4-Dichlorobenzene-d4	3.0269	20.2351	ug/L
Naphthalene	14.416	14.416	128	127.0	1695980	222708	13.1	13.1	1,4-Dichlorobenzene-d4	9.4232	20.1789	ug/L
1,2,3-Trichlorobenzene	14.665	14.665	180	182.0	932121	897572	96.3	94.1	1,4-Dichlorobenzene-d4	5.1791	20.3064	ug/L

Compound Graphics

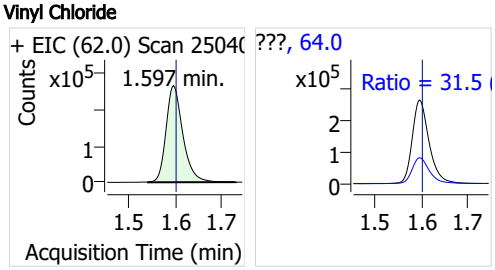
Dichlorodifluoromethane



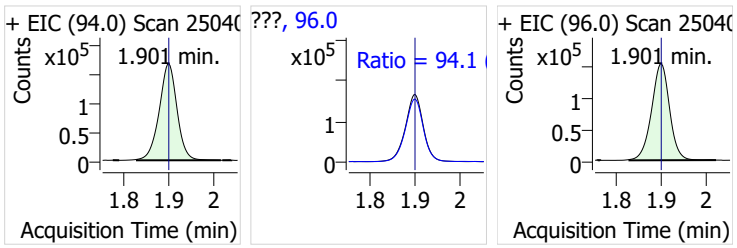
Chloromethane



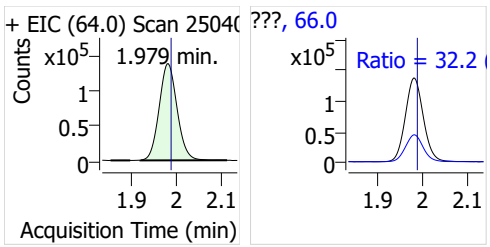
Vinyl Chloride



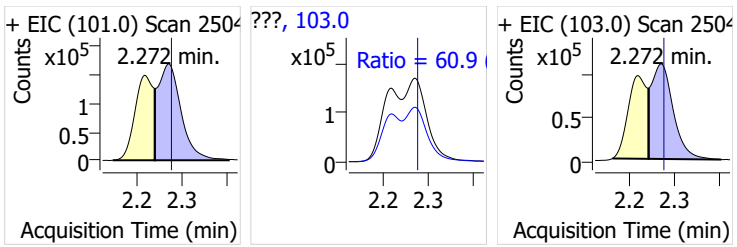
Bromomethane



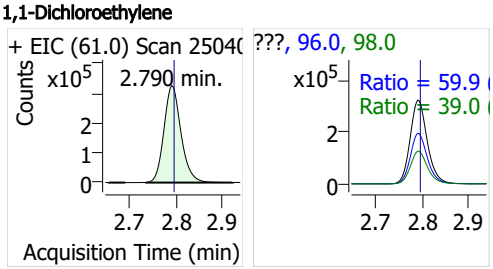
Chloroethane



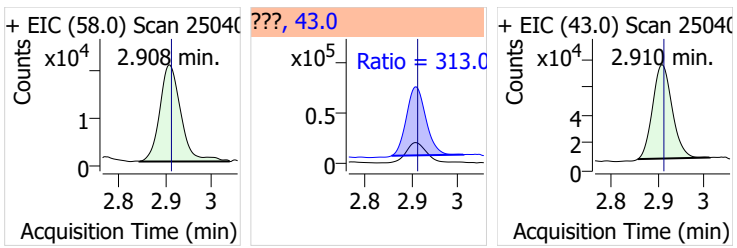
Trichlorofluoromethane



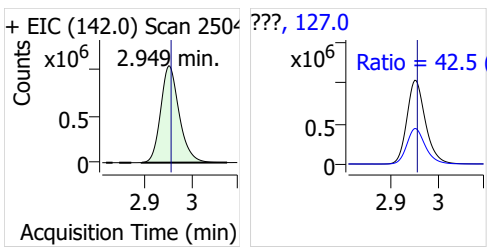
1,1-Dichloroethylene



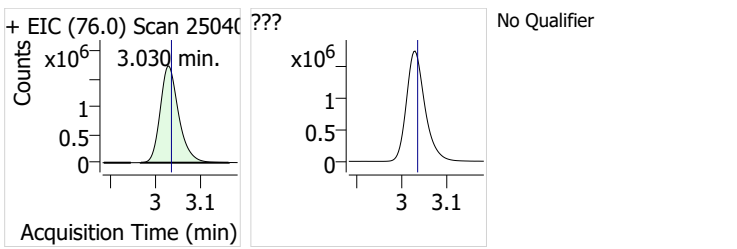
Acetone



Iodomethane

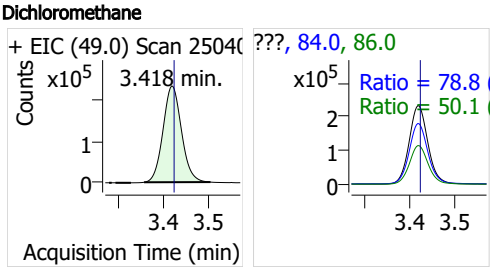


Carbon Disulfide

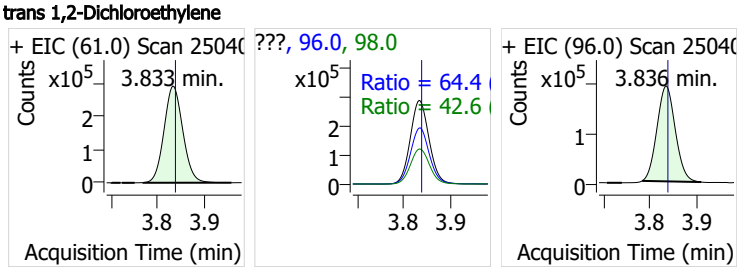


No Qualifier

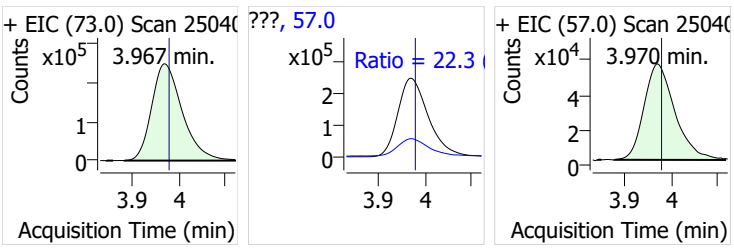
Dichloromethane



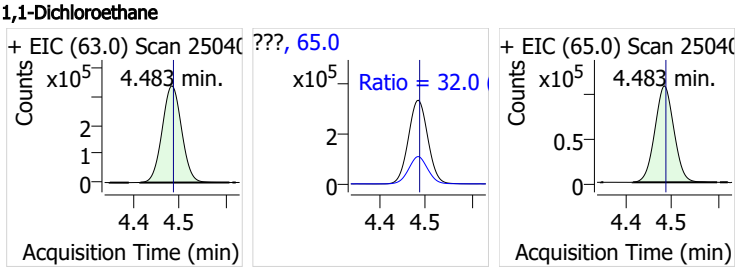
trans 1,2-Dichloroethylene



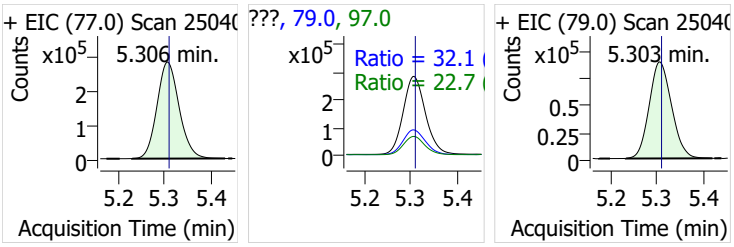
MTBE



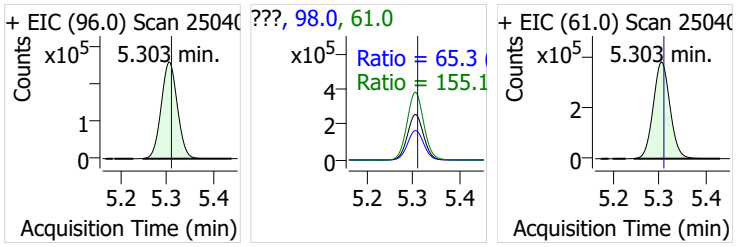
1,1-Dichloroethane



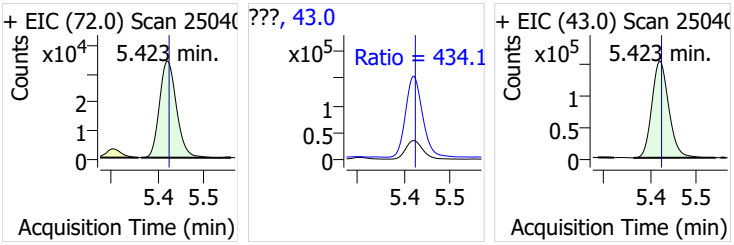
2,2-Dichloropropane



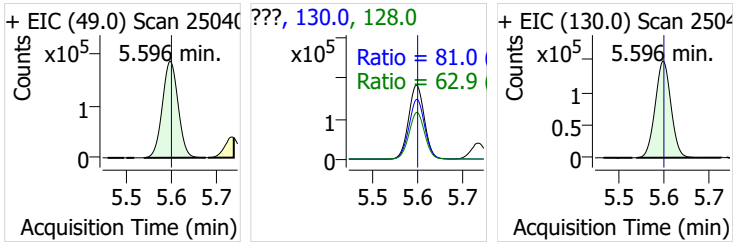
cis 1,2-Dichloroethylene



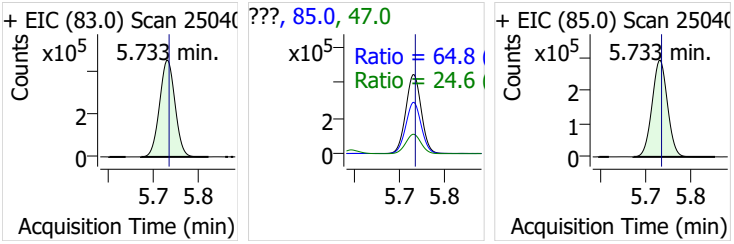
2-Butanone (MEK)



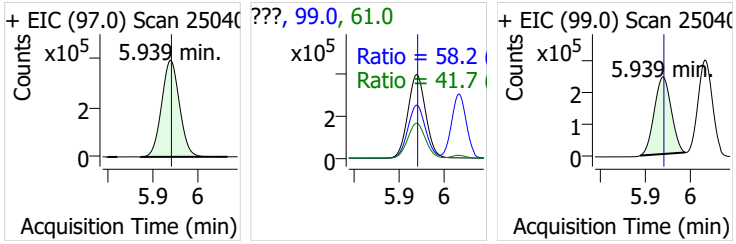
Bromochloromethane



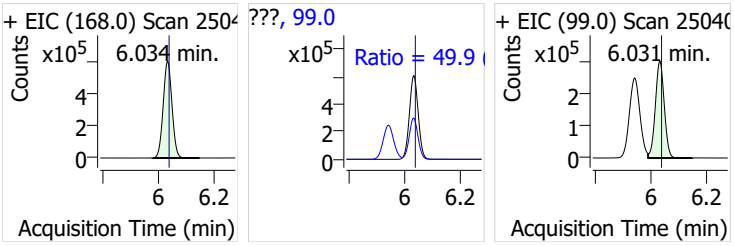
Chloroform



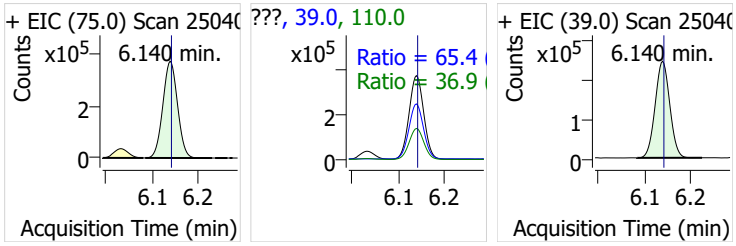
1,1,1-Trichloroethane



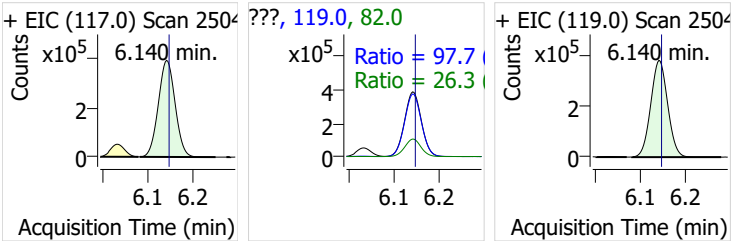
Pentafluorobenzene (S)



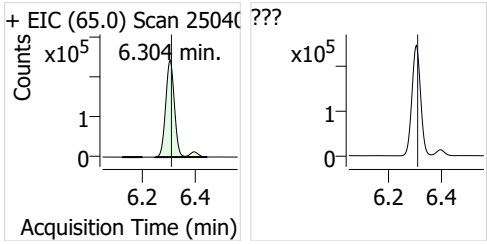
1,1-Dichloropropylene



Carbon Tetrachloride

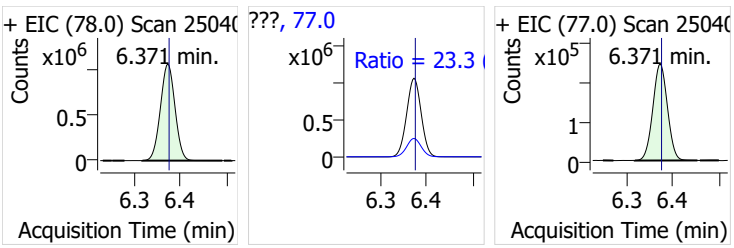


1,2-Dichloroethane-d4 (S)

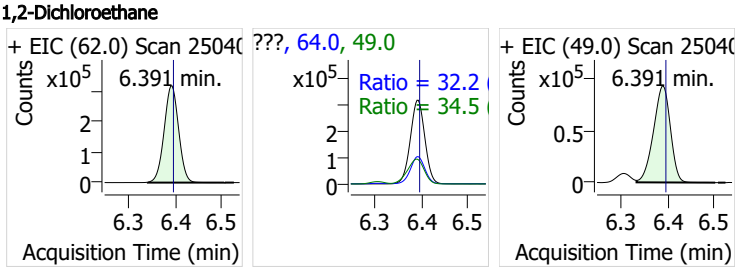


No Qualifier

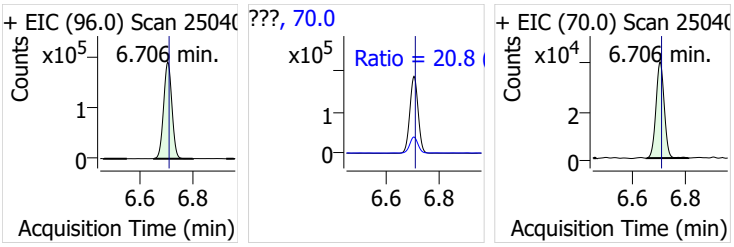
Benzene



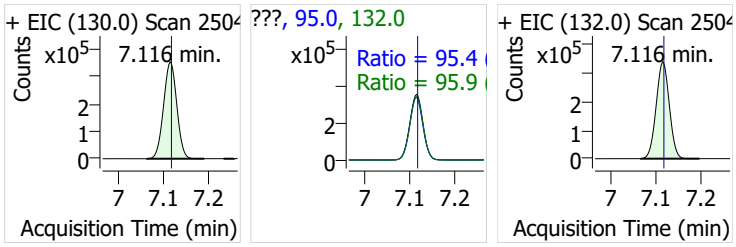
1,2-Dichloroethane



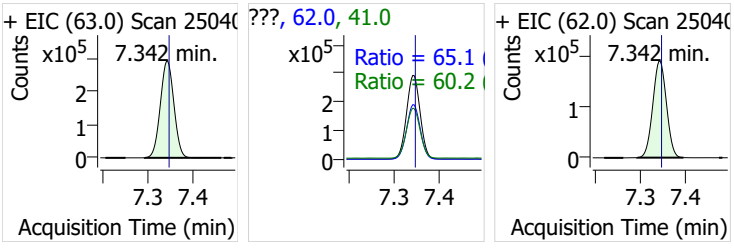
Fluorobenzene



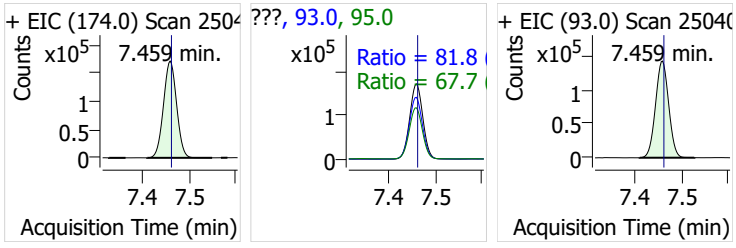
Trichloroethylene



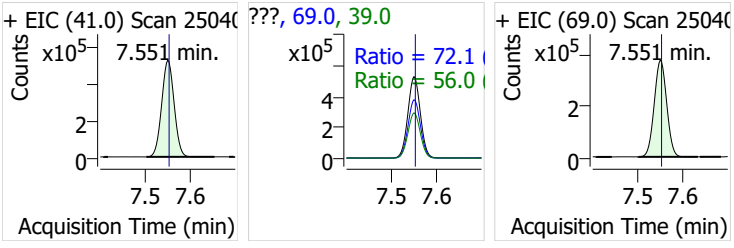
1,2-Dichloropropane



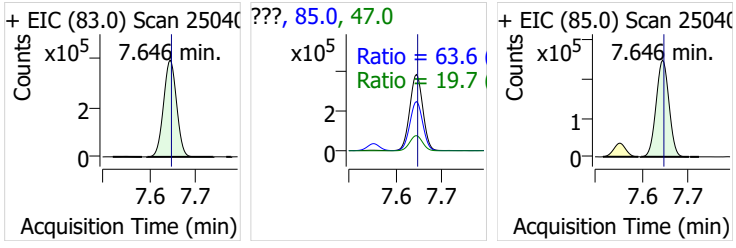
Dibromomethane



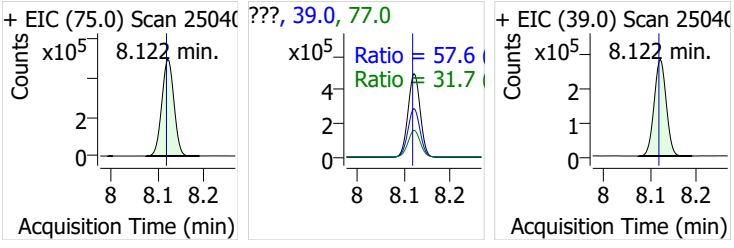
Methyl Methacrylate



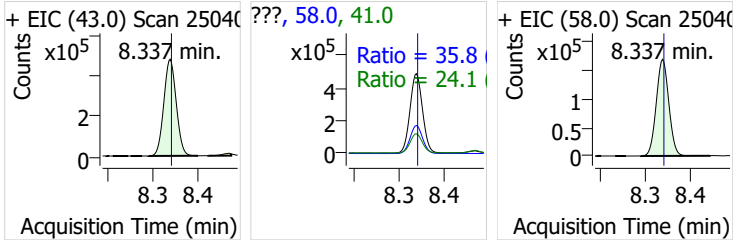
Bromodichloromethane



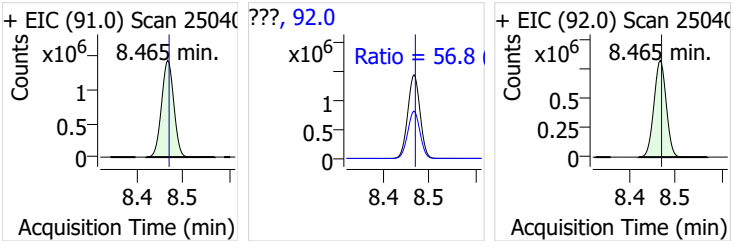
cis 1,3-Dichloropropylene



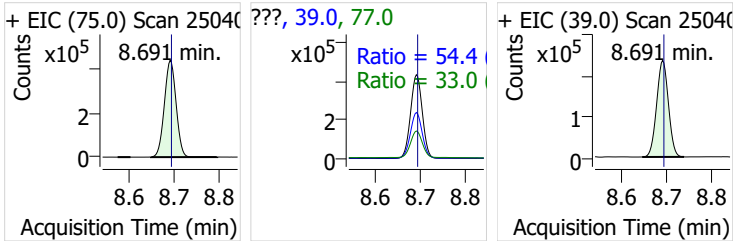
4-Methyl-2-pentanone (MIBK)



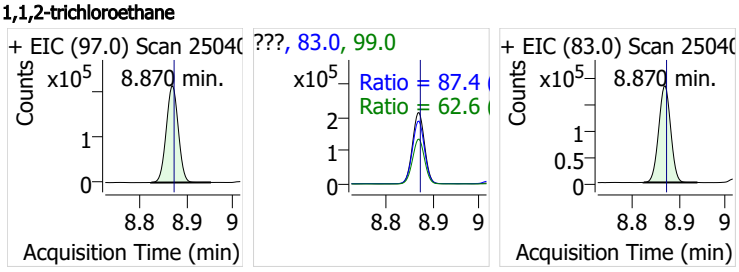
Toluene



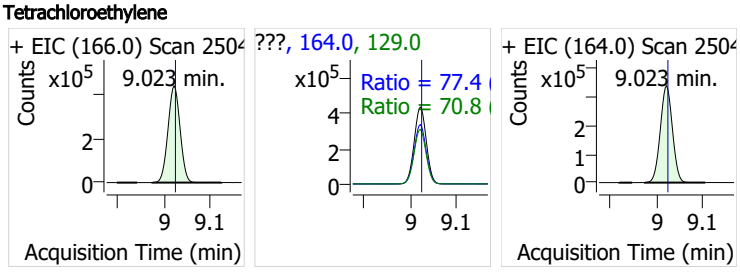
trans 1,3-Dichloropropylene



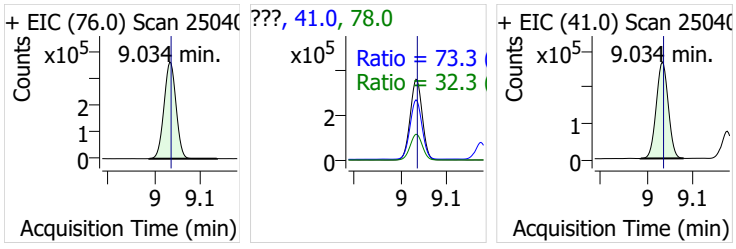
1,1,2-trichloroethane



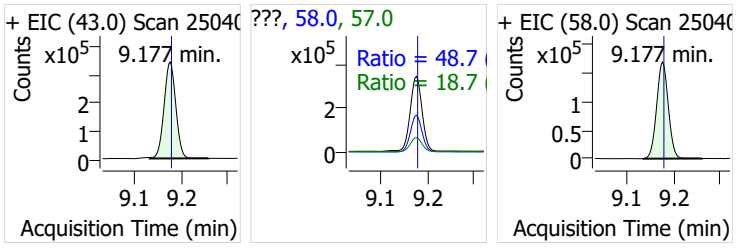
Tetrachloroethylene



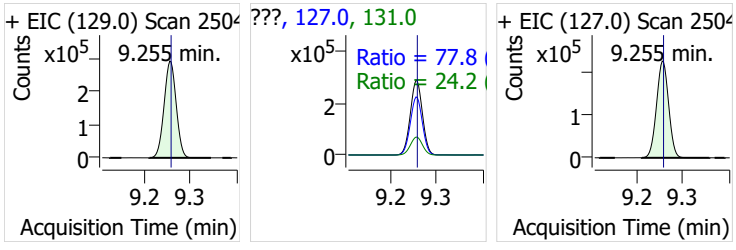
1,3-Dichloropropane



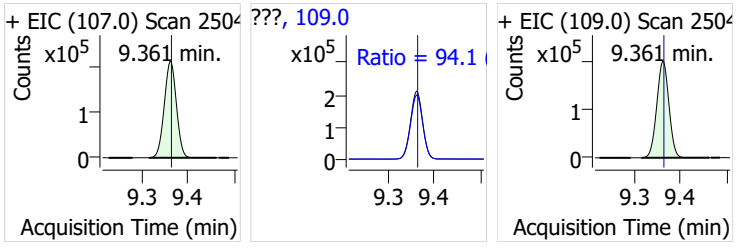
2-Hexanone



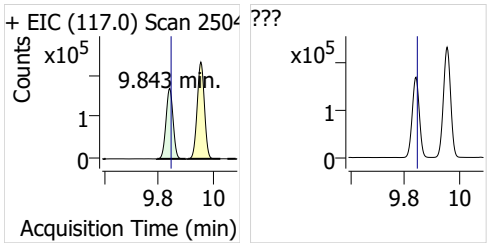
Dibromochloromethane



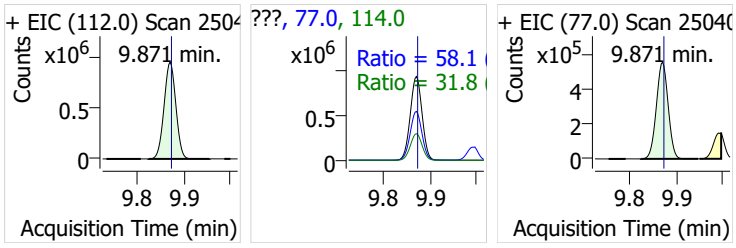
1,2-Dibromoethane (EDB)



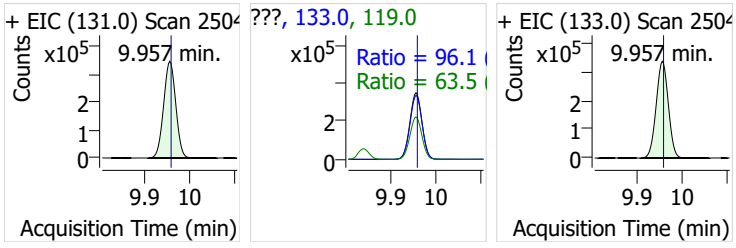
Chlorobenzene-d5



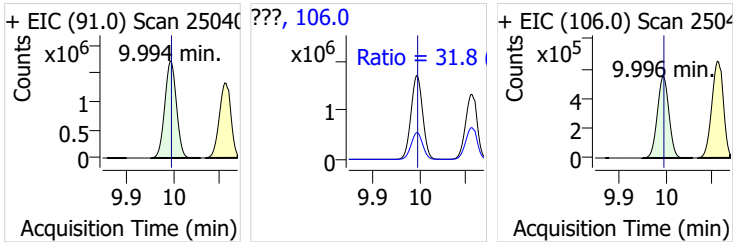
Chlorobenzene



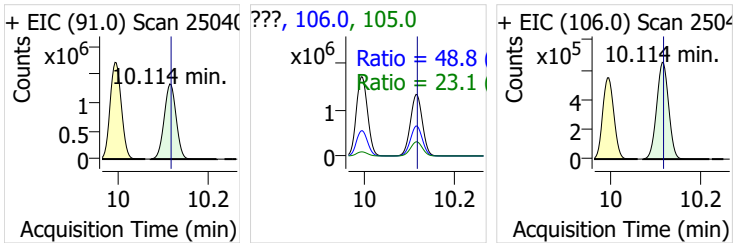
1,1,1,2-Tetrachloroethane



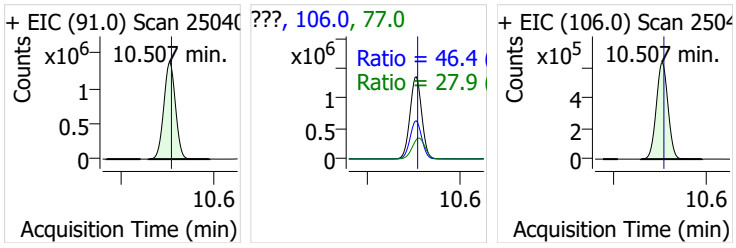
Ethylbenzene



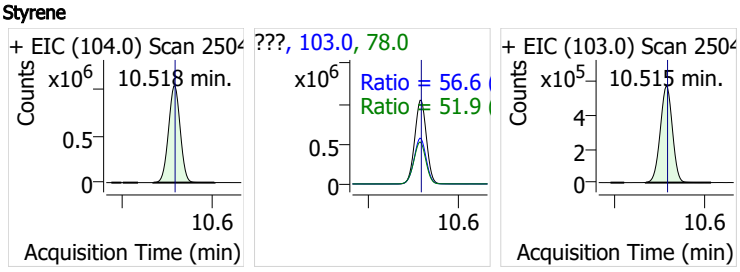
m,p-Xylenes



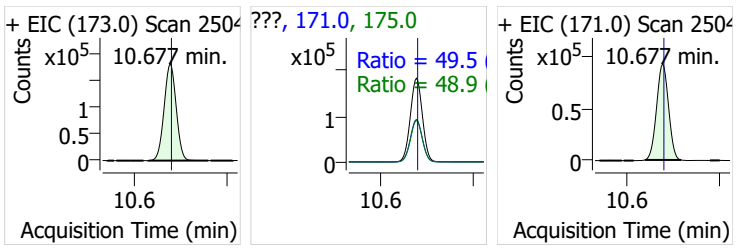
o-Xylene



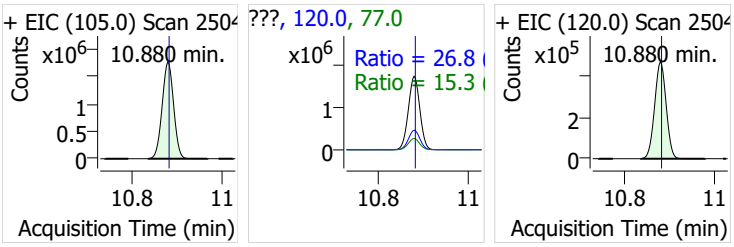
Styrene



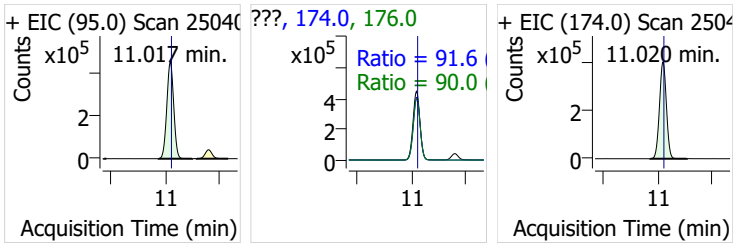
Bromoform



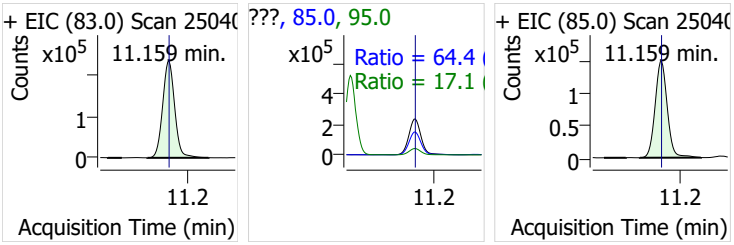
Isopropylbenzene



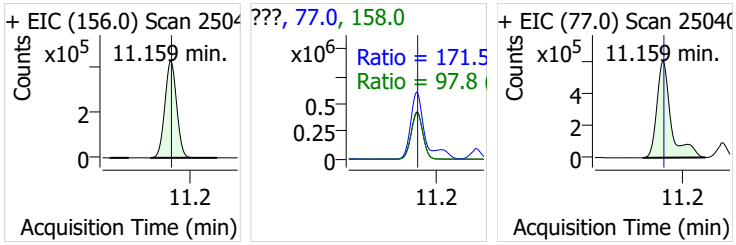
4-Bromofluorobenzene (S)



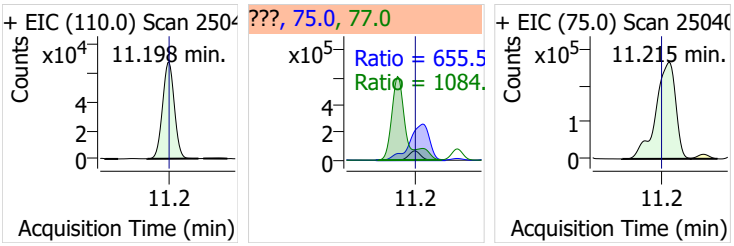
1,1,2,2-Tetrachloroethane



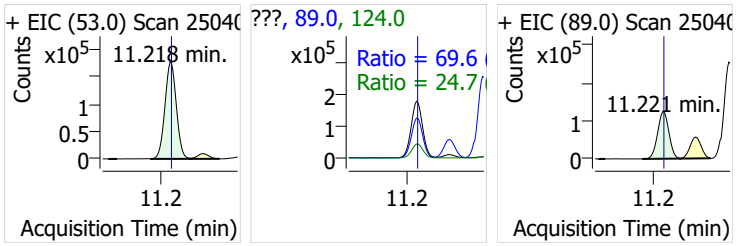
Bromobenzene



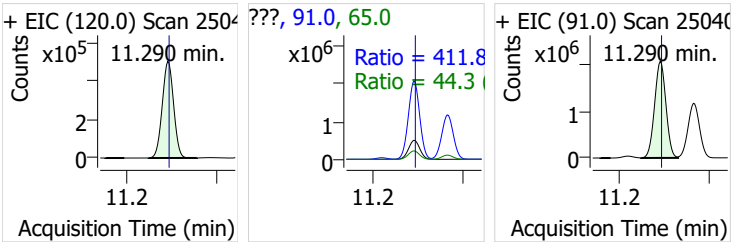
1,2,3-Trichloropropane



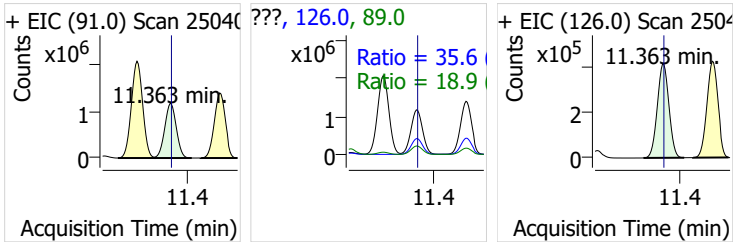
trans-1,4-Dichloro-2-butene



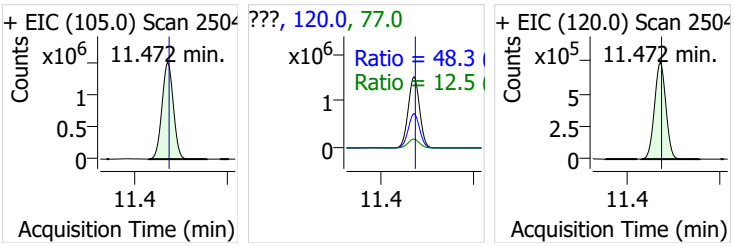
n-Propylbenzene



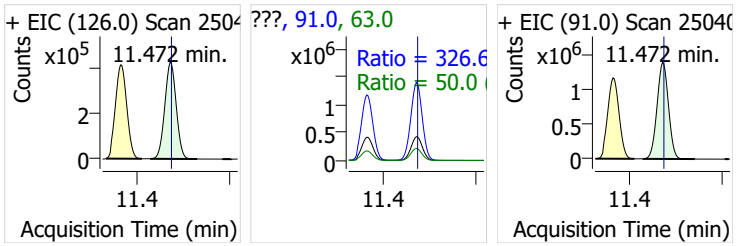
2-Chlorotoluene



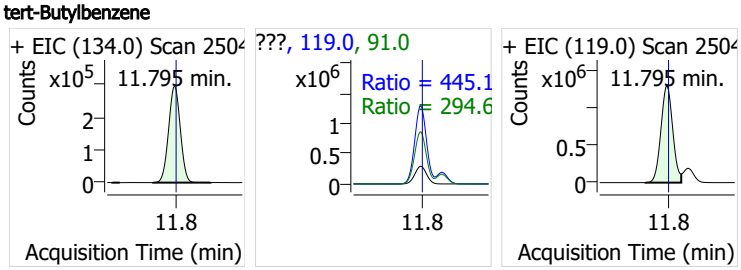
1,3,5-Trimethylbenzene



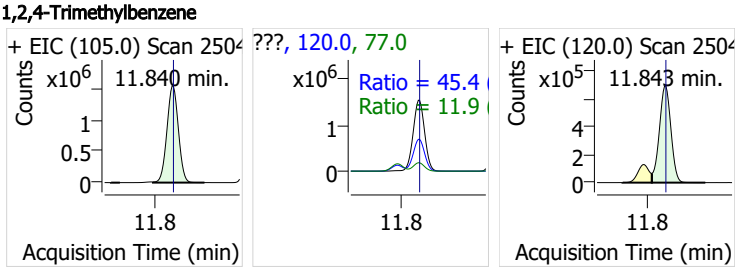
4-Chlorotoluene



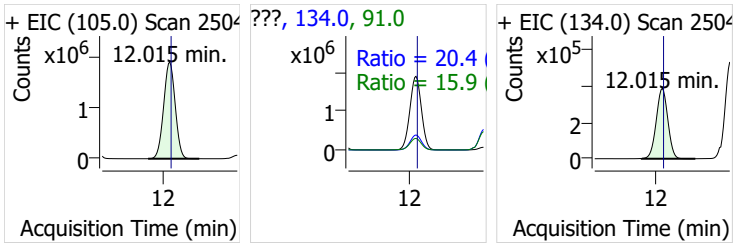
tert-Butylbenzene



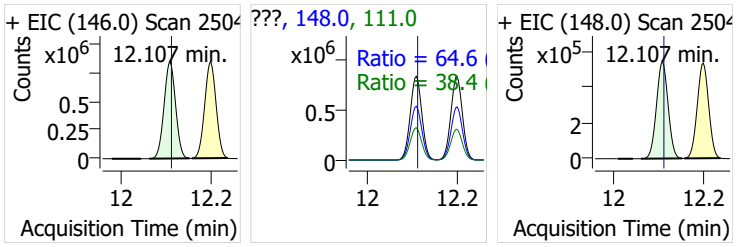
1,2,4-Trimethylbenzene



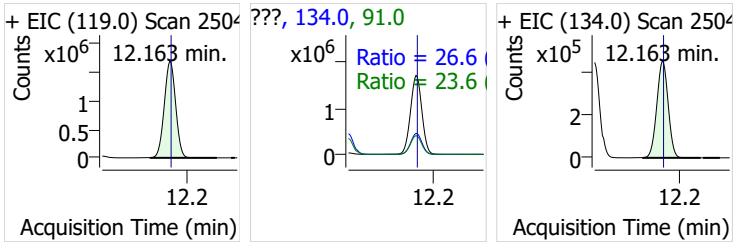
sec-Butylbenzene



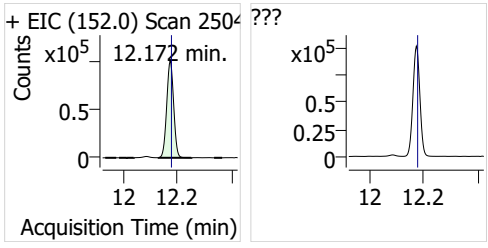
1,3-Dichlorobenzene



p-Isopropyltoluene

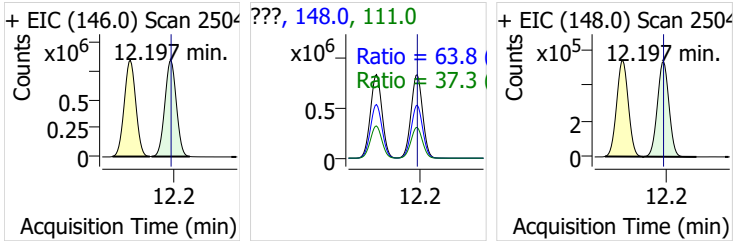


1,4-Dichlorobenzene-d4

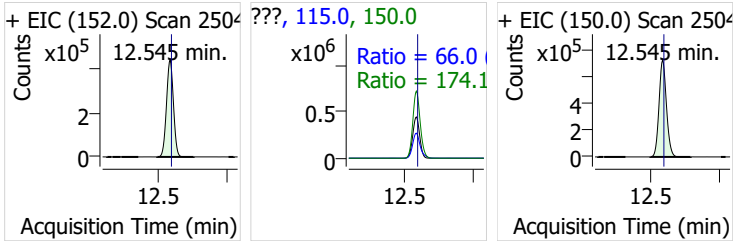


No Qualifier

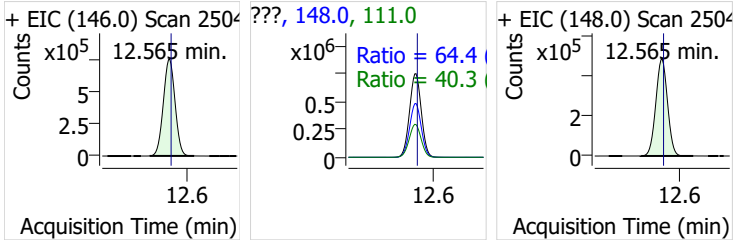
1,4-Dichlorobenzene



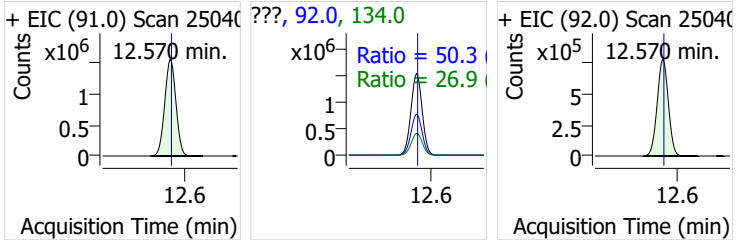
1,2-Dichlorobenzene-d4 (S)



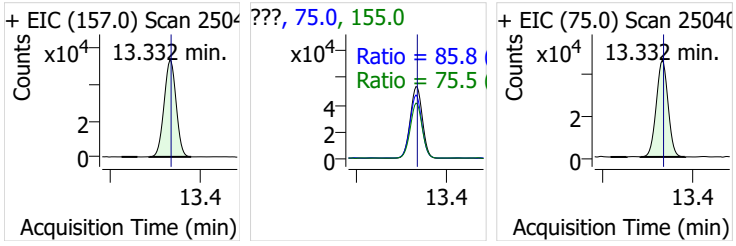
1,2-Dichlorobenzene



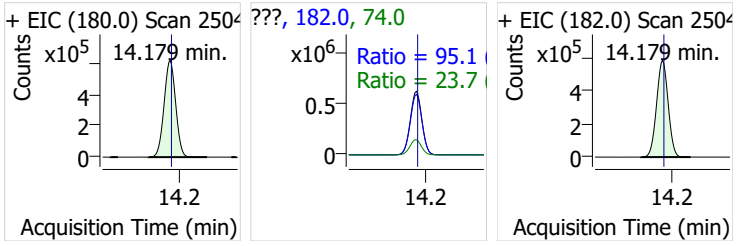
n-Butylbenzene



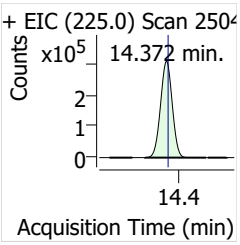
1,2-Dibromo-3-chloropropane

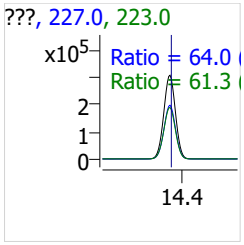


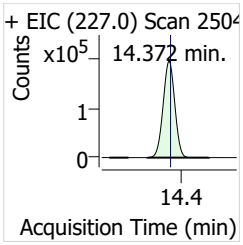
1,2,4-Trichlorobenzene



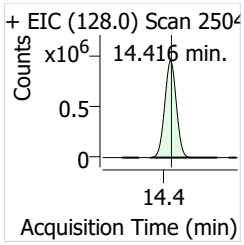
Hexachlorobutadiene

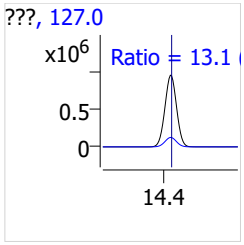


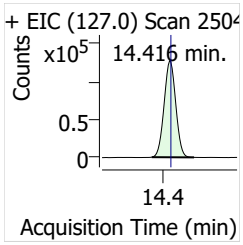




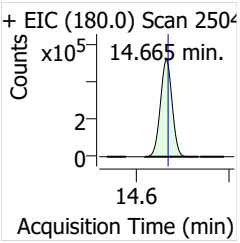
Naphthalene

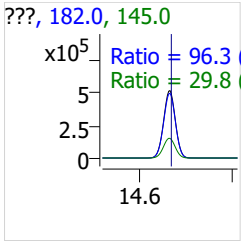


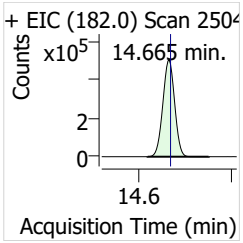




1,2,3-Trichlorobenzene







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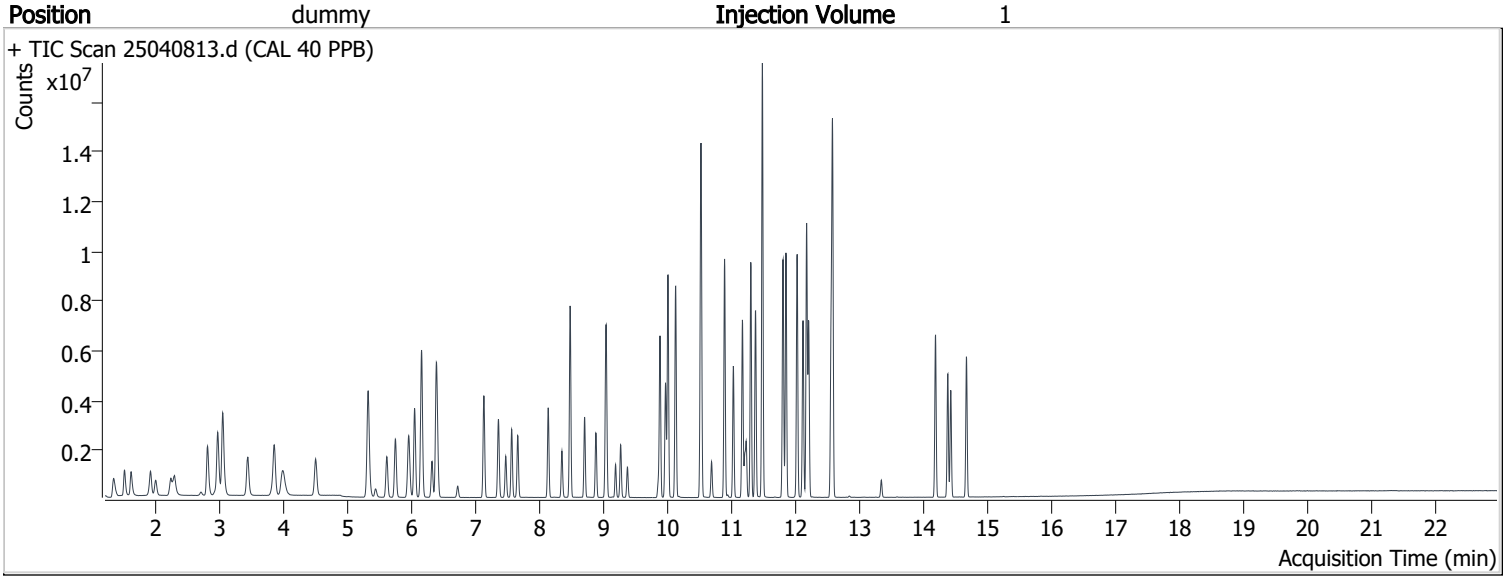
Report Time	5/12/2025 11:38:15 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040813.d	**Sample Name**	CAL 40 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 10:56 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.034	40.7577
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.307	40.0417
4-Bromofluorobenzene (S)	S	Surrogate	11.017	40.0942
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.546	37.0125
		Total		157.91

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.329	43.4446
Bromomethane	T	Target	1.904	40.4176
Chloroethane	T	Target	1.985	40.7823
Trichlorofluoromethane	T	Target	2.275	33.3029
Acetone	T	Target	2.913	74.3414
Iodomethane	T	Target	2.955	79.6896
Carbon Disulfide	T	Target	3.033	78.7398
Dichloromethane	T	Target	3.424	40.0990
trans 1,2-Dichloroethylene	T	Target	3.839	40.1659
MTBE	T	Target	3.973	40.7022
2,2-Dichloropropane	T	Target	5.309	39.5811
cis 1,2-Dichloroethylene	T	Target	5.306	40.5479
2-Butanone (MEK)	T	Target	5.426	77.7417
Bromochloromethane	T	Target	5.599	40.7320
1,1,1-Trichloroethane	T	Target	5.942	41.2140
1,1-Dichloropropylene	T	Target	6.143	40.1842
Carbon Tetrachloride	T	Target	6.143	40.8439
Benzene	T	Target	6.374	40.4087
1,2-Dichloroethane	T	Target	6.394	40.6797

Trichloroethylene	T	Target		7.119	40.4270
Dibromomethane	T	Target		7.459	40.2881
Methyl Methacrylate	T	Target		7.551	80.2823
Bromodichloromethane	T	Target		7.646	40.8257
cis 1,3-Dichloropropylene	T	Target		8.123	40.7449
4-Methyl-2-pentanone (MIBK)	T	Target		8.337	80.4342
trans 1,3-Dichloropropylene	T	Target		8.692	39.9116
1,1,2-trichloroethane	T	Target		8.870	39.7422
Tetrachloroethylene	T	Target		9.023	39.4016
1,3-Dichloropropane	T	Target		9.035	39.7664
2-Hexanone	T	Target		9.177	78.3888
Dibromochloromethane	T	Target		9.255	40.1619
1,2-Dibromoethane (EDB)	T	Target		9.361	40.0326
1,1,1,2-Tetrachloroethane	T	Target		9.958	40.6198
m,p-Xylenes	T	Target		10.117	39.9797
o-Xylene	T	Target		10.507	39.9765
Styrene	T	Target		10.518	40.1430
Isopropylbenzene	T	Target		10.881	39.8914
Bromobenzene	T	Target		11.162	36.8575
1,2,3-Trichloropropane	T	Target		11.196	35.2018
trans-1,4-Dichloro-2-butene	T	Target		11.221	73.8839
n-Propylbenzene	T	Target		11.291	37.4899
2-Chlorotoluene	T	Target		11.363	37.2418
1,3,5-Trimethylbenzene	T	Target		11.472	37.4646
4-Chlorotoluene	T	Target		11.472	36.7068
tert-Butylbenzene	T	Target		11.795	37.1169
1,2,4-Trimethylbenzene	T	Target		11.840	37.6330
sec-Butylbenzene	T	Target		12.016	38.2471
1,3-Dichlorobenzene	T	Target		12.108	37.2997
p-Isopropyltoluene	T	Target		12.163	38.1683
1,4-Dichlorobenzene	T	Target		12.197	36.4229
1,2-Dichlorobenzene	T	Target		12.565	36.7891
n-Butylbenzene	T	Target		12.571	38.0852
1,2-Dibromo-3-chloropropane	T	Target		13.332	35.2625
1,2,4-Trichlorobenzene	T	Target		14.180	37.3290
Hexachlorobutadiene	T	Target		14.372	37.4485
Naphthalene	T	Target		14.417	37.3455
1,2,3-Trichlorobenzene	T	Target		14.665	37.7499
			Total		2534.38

Compound	Compound Group	Compound Type		RT	Final Conc.
Chloromethane	P	Target		1.500	39.8073
1,1-Dichloroethane	P	Target		4.486	40.2925
Chlorobenzene	P	Target		9.871	39.8381
Bromoform	P	Target		10.677	39.4332
1,1,2,2-Tetrachloroethane	P	Target		11.160	36.8864
			Total		196.26

Compound	Compound Group	Compound Type		RT	Final Conc.
Vinyl Chloride	C	Target		1.603	40.3982
1,1-Dichloroethylene	C	Target		2.796	40.9099
Chloroform	C	Target		5.733	40.2785
1,2-Dichloropropane	C	Target		7.345	40.2333
Toluene	C	Target		8.466	39.8021
Ethylbenzene	C	Target		9.997	39.9275
			Total		241.55

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.709	96	397513
Chlorobenzene-d5	ISTD	9.843	117	304648
1,4-Dichlorobenzene-d4	ISTD	12.172	152	190384

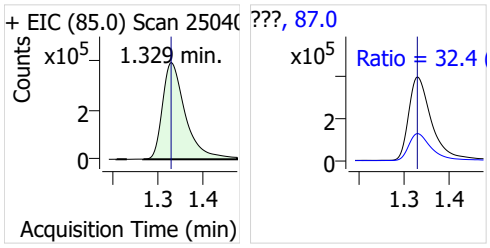
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.329	1.326	85	87.0	1377055	446122	32.4	30.6	Fluorobenzene	3.4642	43.4446	ug/L
Chloromethane	1.500	1.494	50	52.0	1332008	435345	32.7	33.4	Fluorobenzene	3.3509	39.8073	ug/L
Vinyl Chloride	1.603	1.600	62	64.0	1339748	417999	31.2	32.2	Fluorobenzene	3.3703	40.3982	ug/L
Bromomethane	1.904	1.904	94	96.0	874710	816378	93.3	94.4	Fluorobenzene	2.2005	40.4176	ug/L
Chloroethane	1.985	1.985	64	66.0	723410	230726	31.9	34.0	Fluorobenzene	1.8198	40.7823	ug/L
Trichlorofluoromethane	2.275	2.275	101	103.0	1162453	734081	63.1	62.3	Fluorobenzene	2.9243	33.3029	ug/L
1,1-Dichloroethylene	2.796	2.793	61	96.0	1658709	991424	59.8	58.9	Fluorobenzene	4.1727	40.9099	ug/L
Acetone	2.913	2.910	58	43.0	80581	286151	355.1	345.3	Fluorobenzene	0.2027	74.3414	ug/L
Iodomethane	2.955	2.952	142	127.0	3904924	1640311	42.0	42.1	Fluorobenzene	9.8234	79.6896	ug/L
Carbon Disulfide	3.033	3.033	76	No Q.	6473883	No Q.	No Q.	No Q.	Fluorobenzene	16.2860	78.7398	ug/L
Dichloromethane	3.424	3.421	49	84.0	1295033	985977	76.1	77.1	Fluorobenzene	3.2578	40.0990	ug/L
trans 1,2-Dichloroethylene	3.839	3.836	61	96.0	1618428	1086416	67.1	68.4	Fluorobenzene	4.0714	40.1659	ug/L
MTBE	3.973	3.976	73	57.0	2203752	477444	21.7	22.4	Fluorobenzene	5.5439	40.7022	ug/L
1,1-Dichloroethane	4.486	4.483	63	65.0	1950310	615186	31.5	32.0	Fluorobenzene	4.9063	40.2925	ug/L
2,2-Dichloropropane	5.309	5.306	77	79.0	1854444	587509	31.7	32.9	Fluorobenzene	4.6651	39.5811	ug/L
cis 1,2-Dichloroethylene	5.306	5.306	96	61.0	1246586	1928153	154.7	153.8	Fluorobenzene	3.1360	40.5479	ug/L
2-Butanone (MEK)	5.426	5.423	72	43.0	116329	511328	439.6	410.8	Fluorobenzene	0.2926	77.7417	ug/L
Bromochloromethane	5.599	5.596	49	130.0	863193	696371	80.7	83.1	Fluorobenzene	2.1715	40.7320	ug/L
Chloroform	5.733	5.733	83	85.0	2054182	1326288	64.6	64.4	Fluorobenzene	5.1676	40.2785	ug/L
1,1,1-Trichloroethane	5.942	5.939	97	99.0	2063829	1194647	57.9	59.6	Fluorobenzene	5.1919	41.2140	ug/L
Pentafluorobenzene (S)	6.034	6.034	168	99.0	2795230	1384312	49.5	50.0	Fluorobenzene	7.0318	40.7577	ug/L
1,1-Dichloropropylene	6.143	6.140	75	39.0	1620446	1069038	66.0	66.1	Fluorobenzene	4.0765	40.1842	ug/L
Carbon Tetrachloride	6.143	6.142	117	119.0	1928117	1870784	97.0	96.7	Fluorobenzene	4.8505	40.8439	ug/L
1,2-Dichloroethane-d4 (S)	6.307	6.304	65	No Q.	1077476	No Q.	No Q.	No Q.	Fluorobenzene	2.7105	40.0417	ug/L
Benzene	6.374	6.371	78	77.0	4600771	1073353	23.3	23.4	Fluorobenzene	11.5739	40.4087	ug/L
1,2-Dichloroethane	6.394	6.393	62	49.0	1372317	471180	34.3	33.8	Fluorobenzene	3.4523	40.6797	ug/L
Trichloroethylene	7.119	7.116	130	132.0	1384207	1341564	96.9	97.6	Fluorobenzene	3.4822	40.4270	ug/L
1,2-Dichloropropane	7.345	7.344	63	62.0	1172407	767156	65.4	66.0	Fluorobenzene	2.9494	40.2333	ug/L
Dibromomethane	7.459	7.459	174	93.0	667896	549147	82.2	80.9	Fluorobenzene	1.6802	40.2881	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	1307759	952149	72.8	72.9	Fluorobenzene	3.2899	80.2823	ug/L
Bromodichloromethane	7.646	7.646	83	85.0	1505070	957864	63.6	64.4	Fluorobenzene	3.7862	40.8257	ug/L
cis 1,3-Dichloropropylene	8.123	8.122	75	39.0	1801376	1033803	57.4	57.6	Fluorobenzene	4.5316	40.7449	ug/L
4-Methyl-2-pentanone (MIBK)	8.337	8.337	43	58.0	1204687	426524	35.4	36.2	Fluorobenzene	3.0306	80.4342	ug/L
Toluene	8.466	8.465	91	92.0	5269758	2977146	56.5	56.5	Chlorobenzene-d5	17.2978	39.8021	ug/L
trans 1,3-Dichloropropylene	8.692	8.691	75	39.0	1533083	817384	53.3	54.3	Chlorobenzene-d5	5.0323	39.9116	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	772791	665686	86.1	87.0	Chlorobenzene-d5	2.5367	39.7422	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	1555189	1212027	77.9	78.9	Chlorobenzene-d5	5.1049	39.4016	ug/L
1,3-Dichloropropane	9.035	9.034	76	41.0	1301541	941555	72.3	72.5	Chlorobenzene-d5	4.2723	39.7664	ug/L
2-Hexanone	9.177	9.177	43	58.0	813814	399140	49.0	48.4	Chlorobenzene-d5	2.6713	78.3888	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	1053974	812498	77.1	76.7	Chlorobenzene-d5	3.4596	40.1619	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	760283	718485	94.5	93.1	Chlorobenzene-d5	2.4956	40.0326	ug/L
Chlorobenzene	9.871	9.871	112	77.0	3311507	1909182	57.7	59.3	Chlorobenzene-d5	10.8699	39.8381	ug/L
1,1,1,2-Tetrachloroethane	9.958	9.957	131	133.0	1275993	1214629	95.2	95.7	Chlorobenzene-d5	4.1884	40.6198	ug/L
Ethylbenzene	9.997	9.994	91	106.0	5925752	1875097	31.6	32.2	Chlorobenzene-d5	19.4511	39.9275	ug/L
m,p-Xylenes	10.117	10.114	91	106.0	4751963	2312101	48.7	49.6	Chlorobenzene-d5	15.5982	39.9797	ug/L
o-Xylene	10.507	10.507	91	106.0	4752514	2200825	46.3	46.5	Chlorobenzene-d5	15.6000	39.9765	ug/L
Styrene	10.518	10.515	104	103.0	3651548	2050633	56.2	56.7	Chlorobenzene-d5	11.9861	40.1430	ug/L
Bromoform	10.677	10.677	173	171.0	654704	336687	51.4	51.4	Chlorobenzene-d5	2.1490	39.4332	ug/L
Isopropylbenzene	10.881	10.880	105	120.0	5991368	1616777	27.0	26.9	Chlorobenzene-d5	19.6665	39.8914	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	1604038	1477382	92.1	91.9	Chlorobenzene-d5	5.2652	40.0942	ug/L
1,1,2,2-Tetrachloroethane	11.160	11.157	83	85.0	836111	536299	64.1	63.9	1,4-Dichlorobenzene-d4	4.3917	36.8864	ug/L
Bromobenzene	11.162	11.159	156	77.0	1483532	2483099	167.4	147.8	1,4-Dichlorobenzene-d4	7.7923	36.8575	ug/L

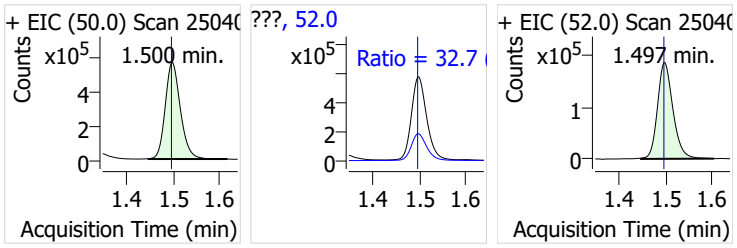
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.196	11.196	110	75.0	235201	1325852	563.7	768.8	1,4-Dichlorobenzene-d4	1.2354	35.2018	ug/L
trans-1,4-Dichloro-2-butene	11.221	11.218	53	89.0	407602	285641	70.1	68.6	1,4-Dichlorobenzene-d4	2.1409	73.8839	ug/L
n-Propylbenzene	11.291	11.290	120	91.0	1691861	6971221	412.0	408.8	1,4-Dichlorobenzene-d4	8.8866	37.4899	ug/L
2-Chlorotoluene	11.363	11.363	91	126.0	4022509	1426912	35.5	35.2	1,4-Dichlorobenzene-d4	21.1284	37.2418	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	5174877	2490933	48.1	48.1	1,4-Dichlorobenzene-d4	27.1812	37.4646	ug/L
4-Chlorotoluene	11.472	11.472	126	91.0	1455936	4717829	324.0	321.7	1,4-Dichlorobenzene-d4	7.6474	36.7068	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	1026107	4608045	449.1	441.8	1,4-Dichlorobenzene-d4	5.3897	37.1169	ug/L
1,2,4-Trimethylbenzene	11.840	11.840	105	120.0	5278787	2390145	45.3	45.0	1,4-Dichlorobenzene-d4	27.7270	37.6330	ug/L
sec-Butylbenzene	12.016	12.015	105	134.0	6521625	1337514	20.5	20.2	1,4-Dichlorobenzene-d4	34.2551	38.2471	ug/L
1,3-Dichlorobenzene	12.108	12.107	146	148.0	2891440	1850450	64.0	62.5	1,4-Dichlorobenzene-d4	15.1874	37.2997	ug/L
p-Isopropyltoluene	12.163	12.163	119	134.0	5755246	1529566	26.6	26.7	1,4-Dichlorobenzene-d4	30.2296	38.1683	ug/L
1,4-Dichlorobenzene	12.197	12.194	146	148.0	2833359	1810589	63.9	64.1	1,4-Dichlorobenzene-d4	14.8823	36.4229	ug/L
1,2-Dichlorobenzene-d4 (S)	12.546	12.545	152	150.0	1581264	2769411	175.1	172.9	1,4-Dichlorobenzene-d4	8.3056	37.0125	ug/L
1,2-Dichlorobenzene	12.565	12.565	146	148.0	2604527	1671858	64.2	64.5	1,4-Dichlorobenzene-d4	13.6804	36.7891	ug/L
n-Butylbenzene	12.571	12.570	91	92.0	5078000	2568222	50.6	51.5	1,4-Dichlorobenzene-d4	26.6724	38.0852	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	189323	166188	87.8	86.2	1,4-Dichlorobenzene-d4	0.9944	35.2625	ug/L
1,2,4-Trichlorobenzene	14.180	14.179	180	182.0	2113420	2031134	96.1	96.0	1,4-Dichlorobenzene-d4	11.1008	37.3290	ug/L
Hexachlorobutadiene	14.372	14.372	225	227.0	1066493	685448	64.3	63.9	1,4-Dichlorobenzene-d4	5.6018	37.4485	ug/L
Naphthalene	14.417	14.416	128	127.0	3320250	434633	13.1	13.1	1,4-Dichlorobenzene-d4	17.4397	37.3455	ug/L
1,2,3-Trichlorobenzene	14.665	14.665	180	182.0	1833012	1746878	95.3	94.1	1,4-Dichlorobenzene-d4	9.6280	37.7499	ug/L

Compound Graphics

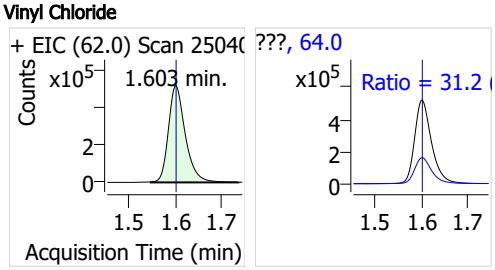
Dichlorodifluoromethane



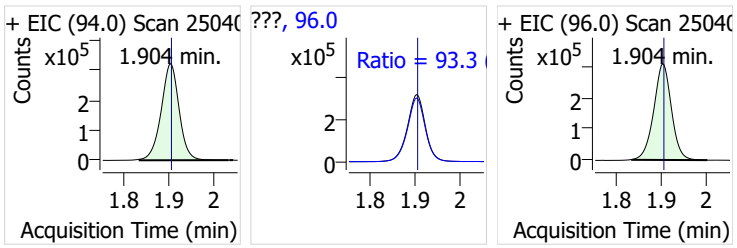
Chloromethane



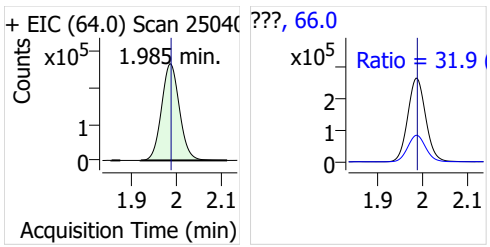
Vinyl Chloride



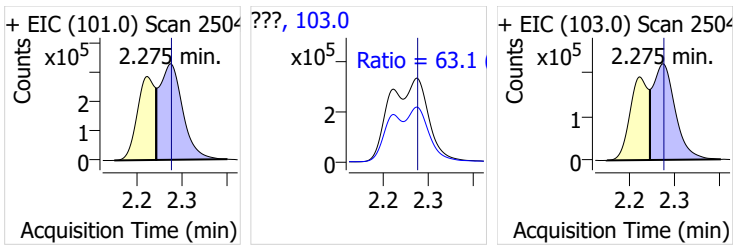
Bromomethane



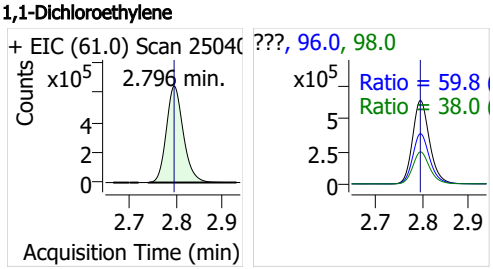
Chloroethane



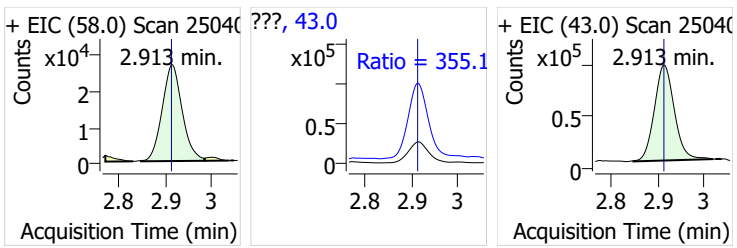
Trichlorofluoromethane



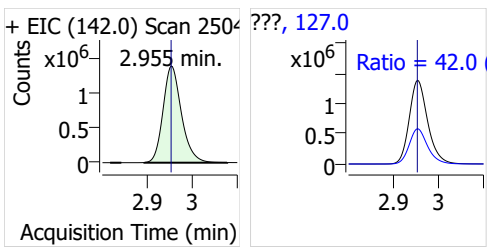
1,1-Dichloroethylene



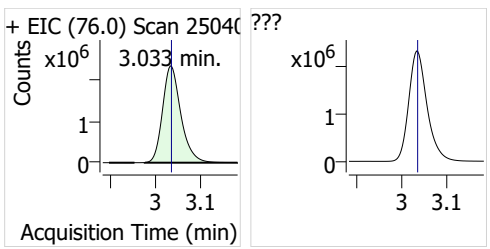
Acetone



Iodomethane

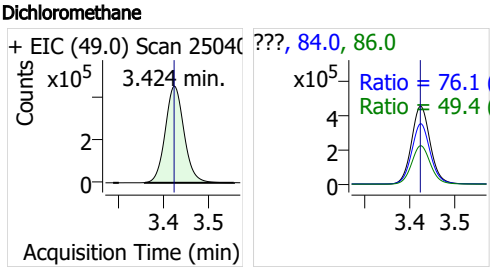


Carbon Disulfide

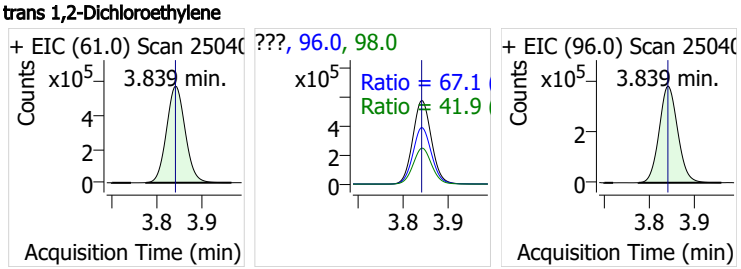


No Qualifier

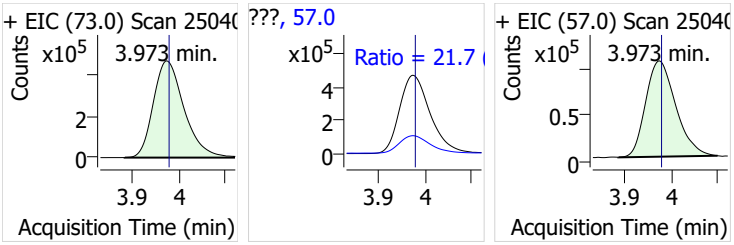
Dichloromethane



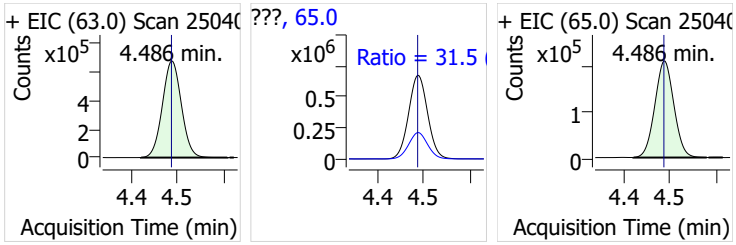
trans 1,2-Dichloroethylene



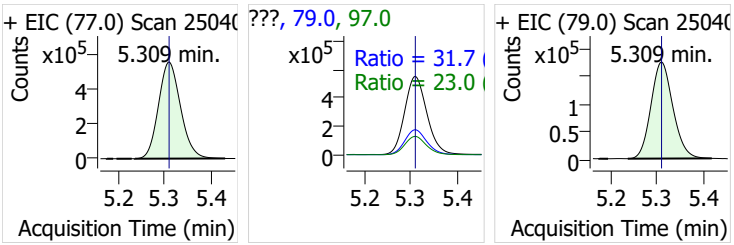
MTBE



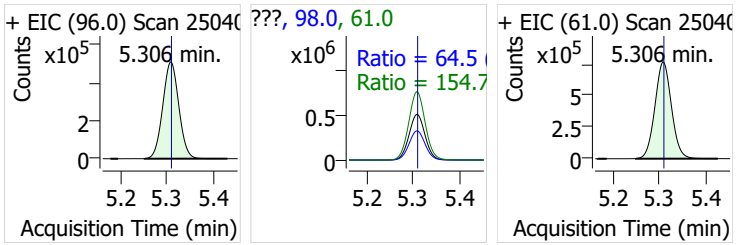
1,1-Dichloroethane



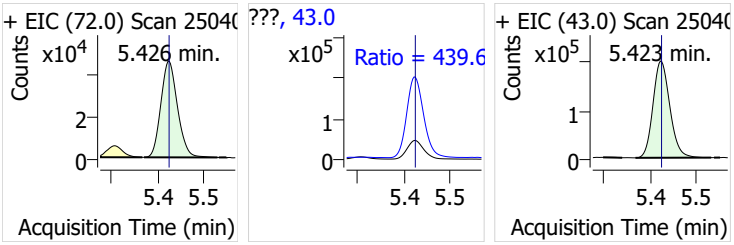
2,2-Dichloropropane



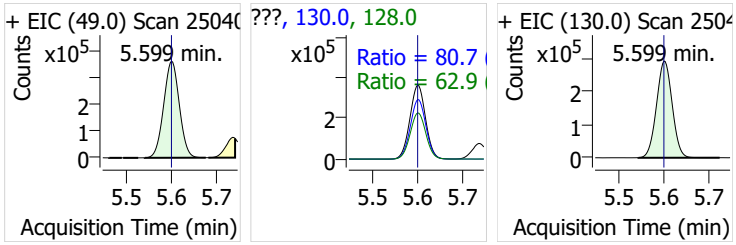
cis 1,2-Dichloroethylene



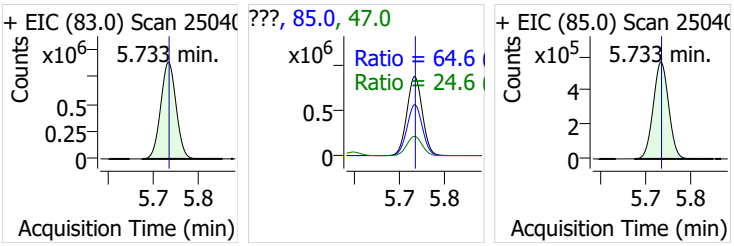
2-Butanone (MEK)



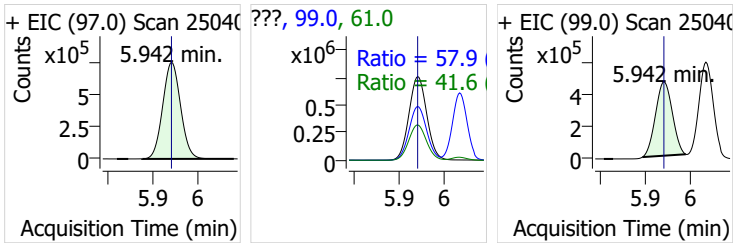
Bromochloromethane



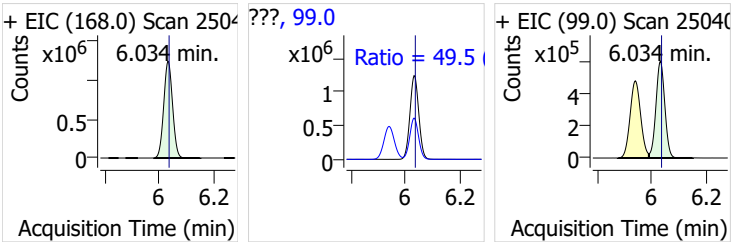
Chloroform



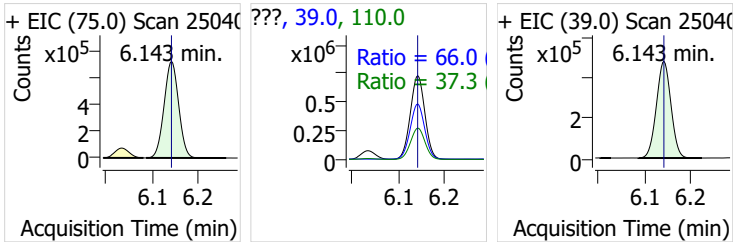
1,1,1-Trichloroethane



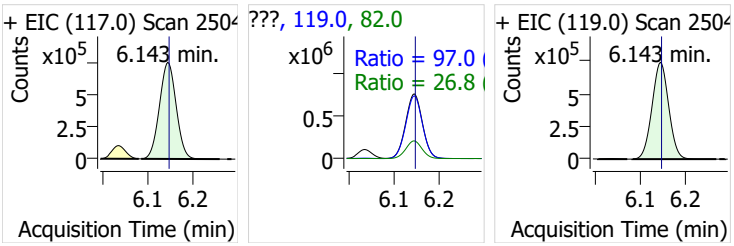
Pentafluorobenzene (S)



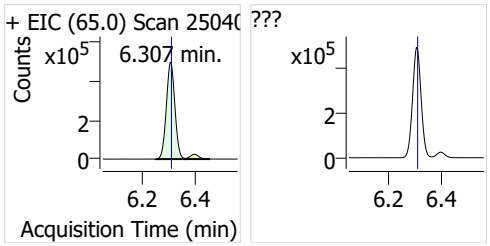
1,1-Dichloropropylene



Carbon Tetrachloride

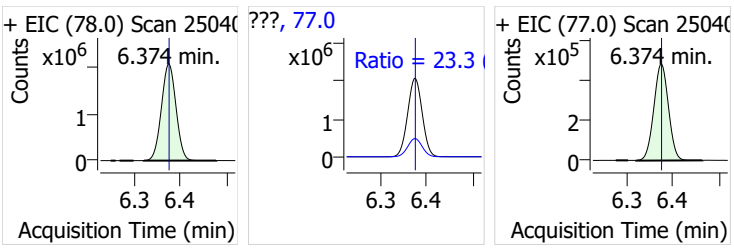


1,2-Dichloroethane-d4 (S)

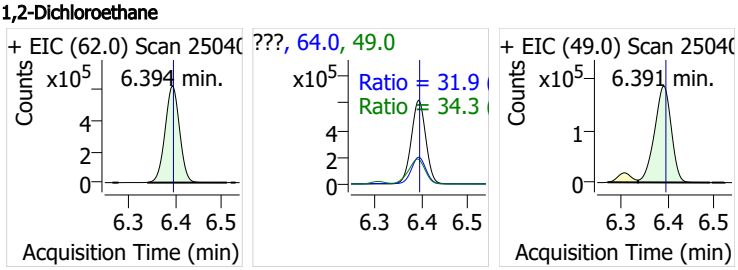


No Qualifier

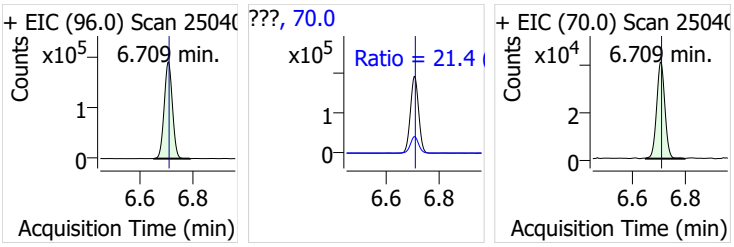
Benzene



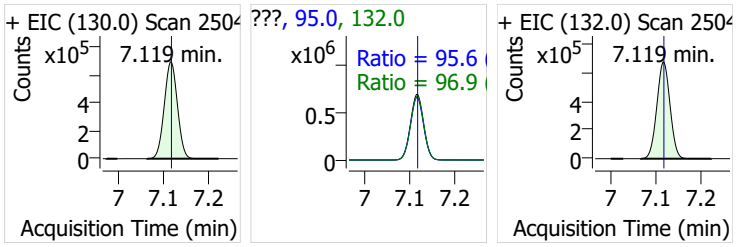
1,2-Dichloroethane



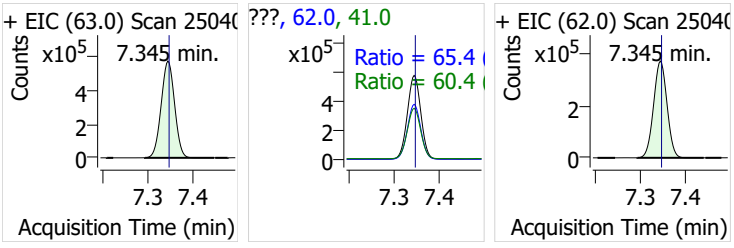
Fluorobenzene



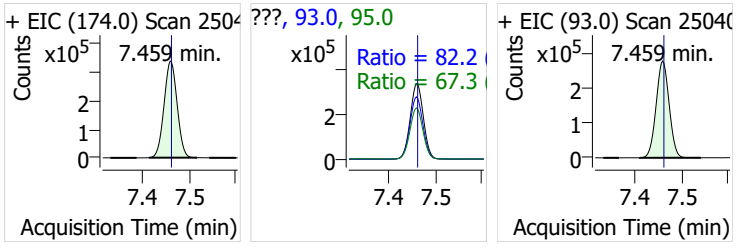
Trichloroethylene



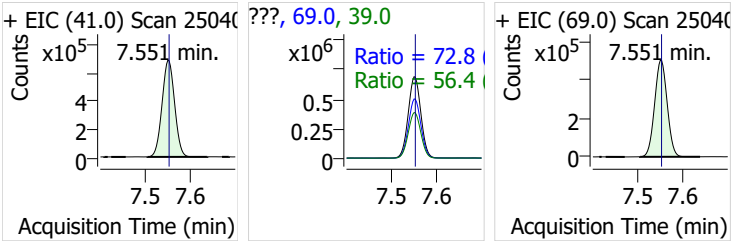
1,2-Dichloropropane



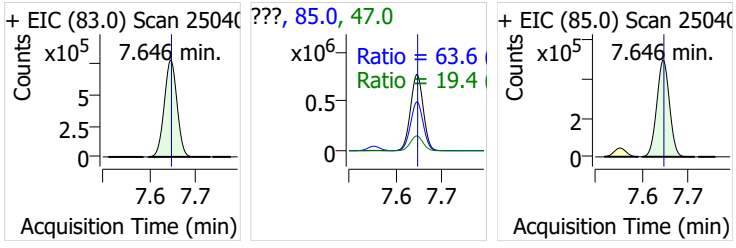
Dibromomethane



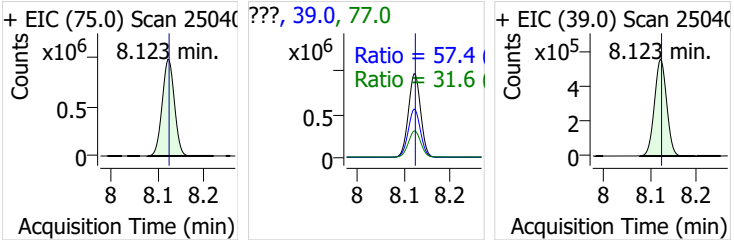
Methyl Methacrylate



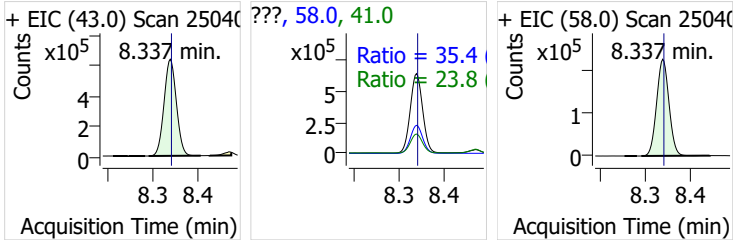
Bromodichloromethane



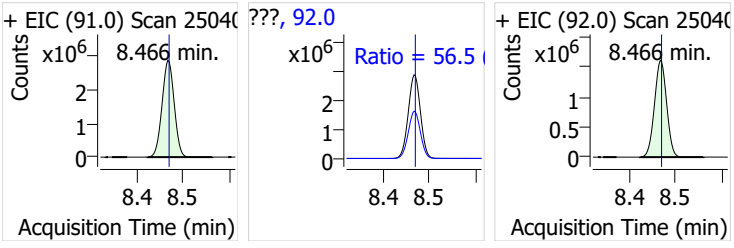
cis 1,3-Dichloropropylene



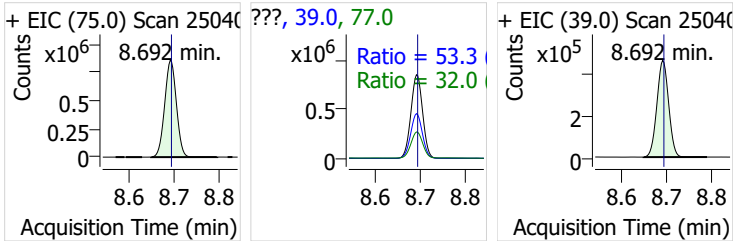
4-Methyl-2-pentanone (MIBK)



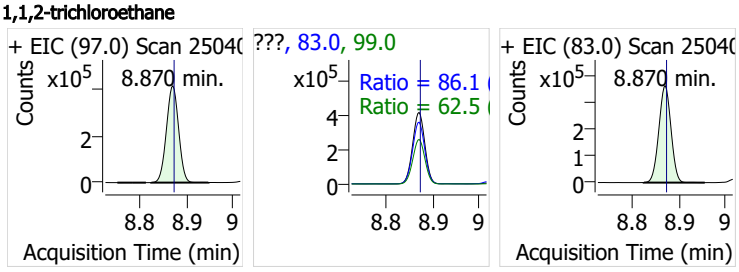
Toluene



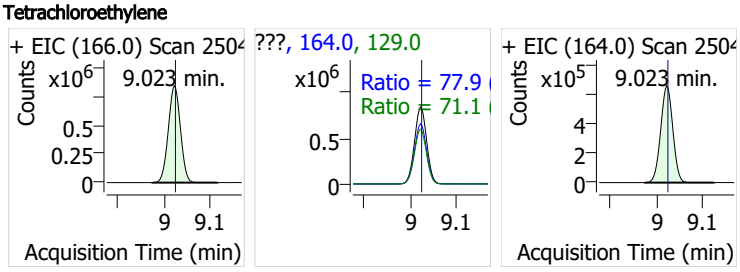
trans 1,3-Dichloropropylene



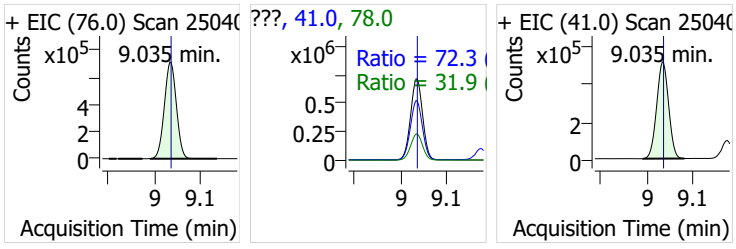
1,1,2-trichloroethane



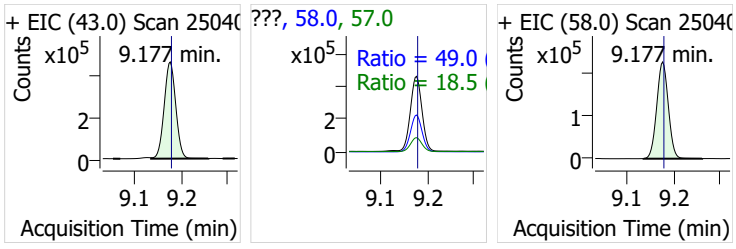
Tetrachloroethylene



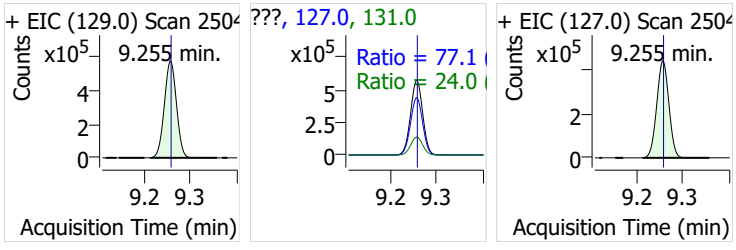
1,3-Dichloropropane



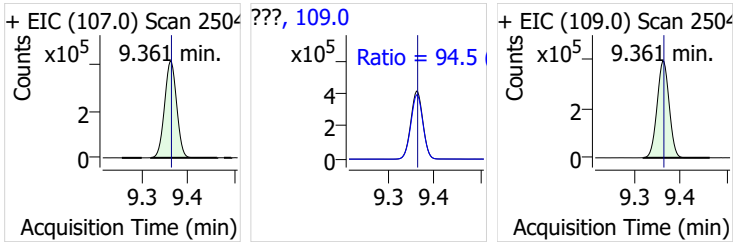
2-Hexanone



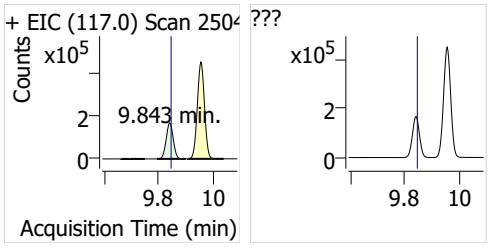
Dibromochloromethane



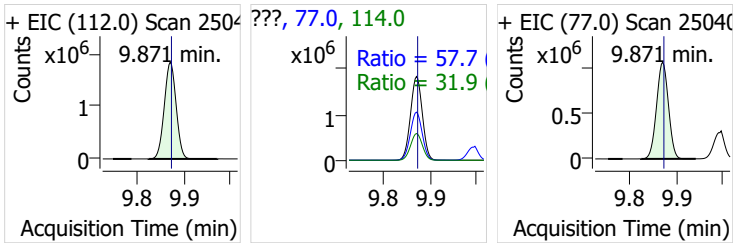
1,2-Dibromoethane (EDB)



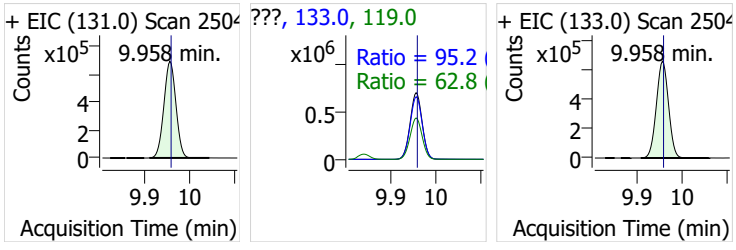
Chlorobenzene-d5



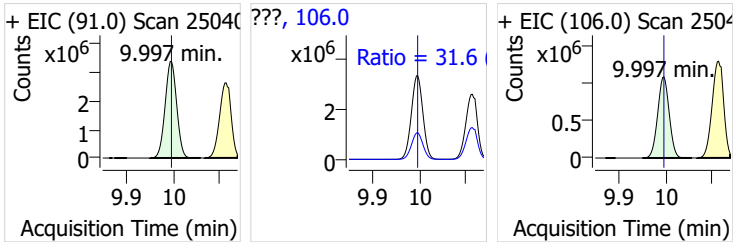
Chlorobenzene



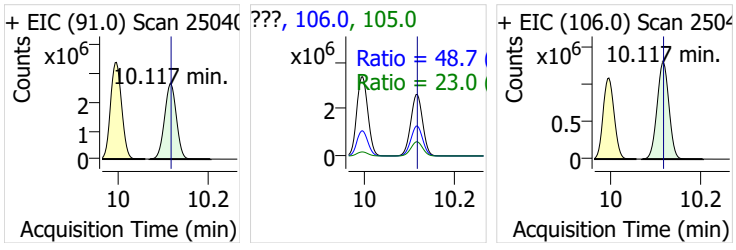
1,1,1,2-Tetrachloroethane



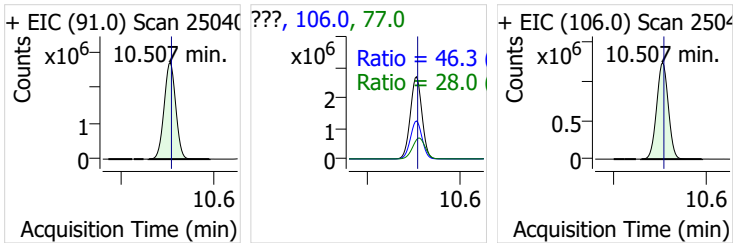
Ethylbenzene



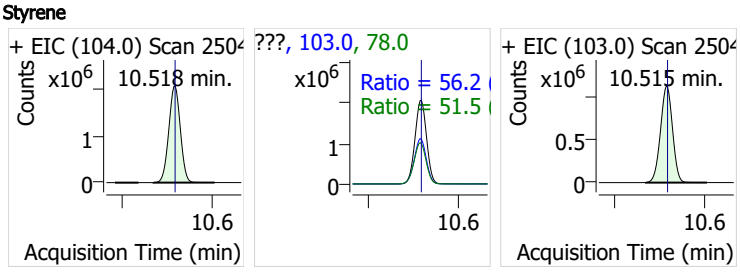
m,p-Xylenes



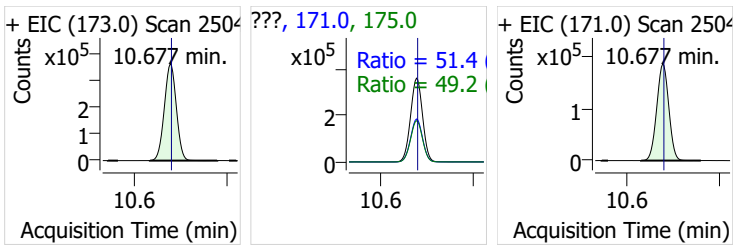
o-Xylene



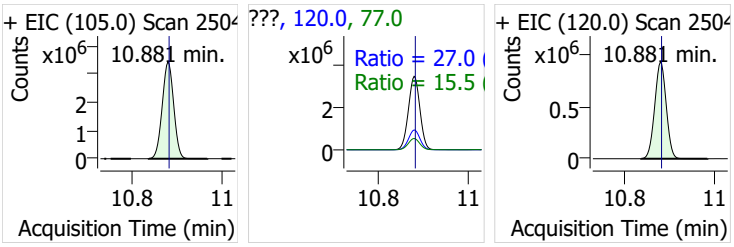
Styrene



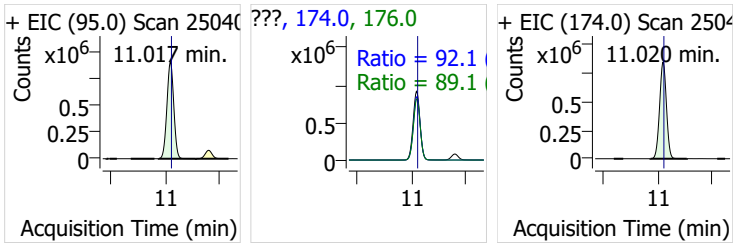
Bromoform



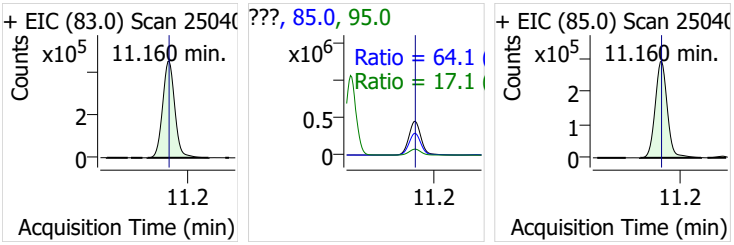
Isopropylbenzene



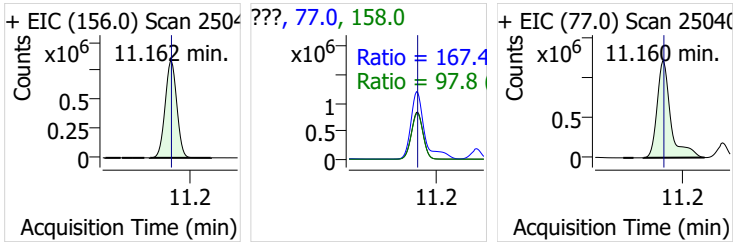
4-Bromofluorobenzene (S)



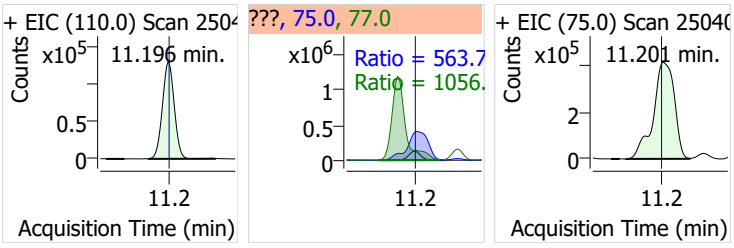
1,1,2,2-Tetrachloroethane



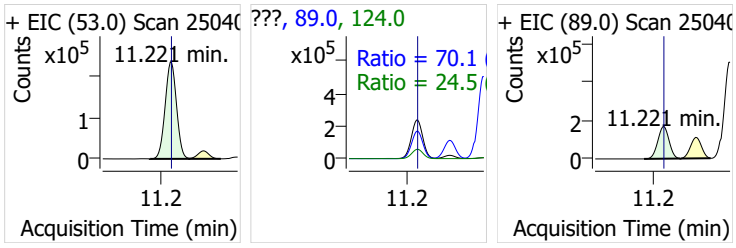
Bromobenzene



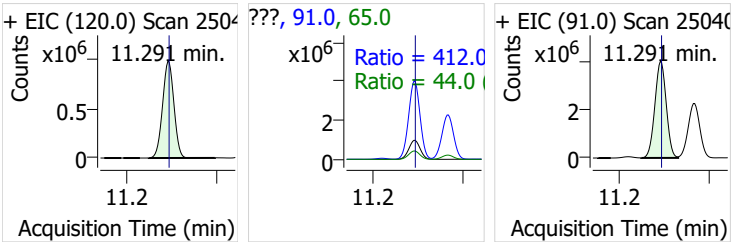
1,2,3-Trichloropropane



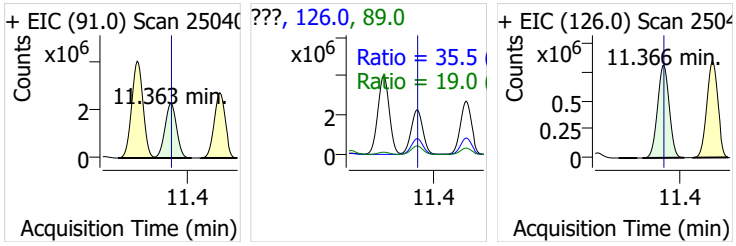
trans-1,4-Dichloro-2-butene



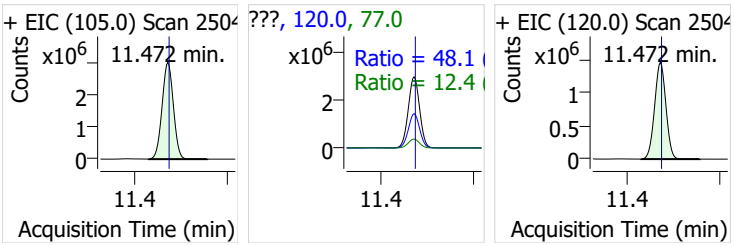
n-Propylbenzene



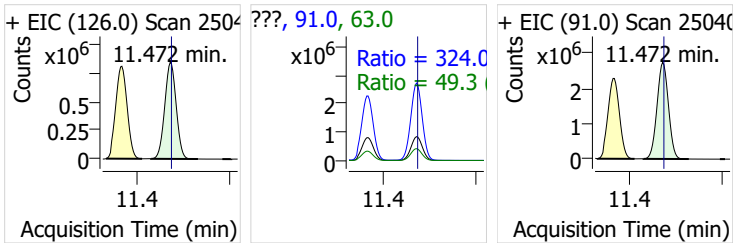
2-Chlorotoluene



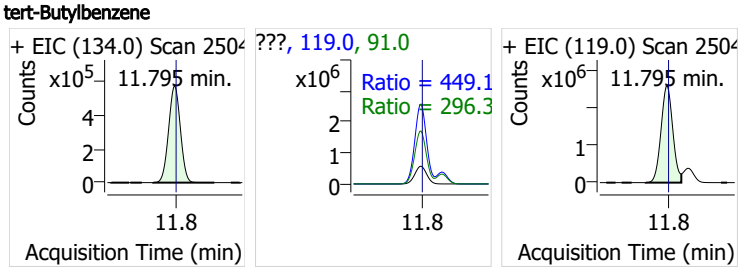
1,3,5-Trimethylbenzene



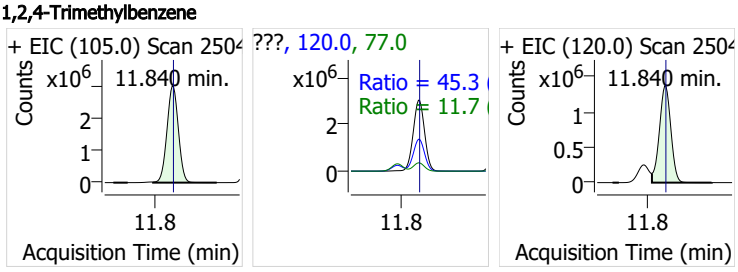
4-Chlorotoluene



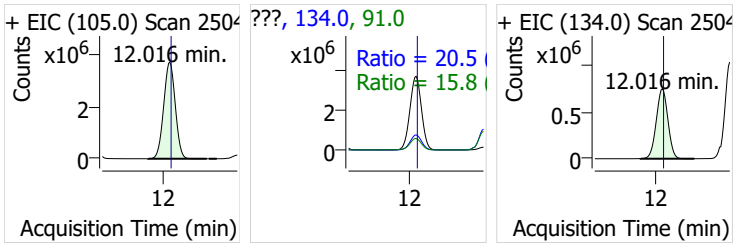
tert-Butylbenzene



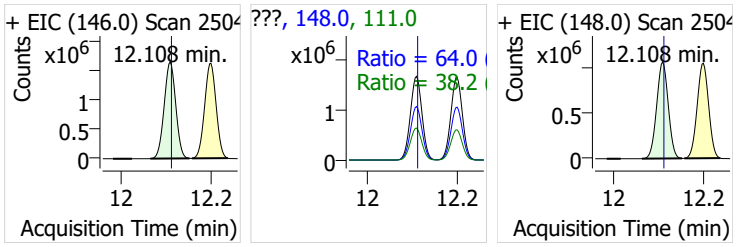
1,2,4-Trimethylbenzene



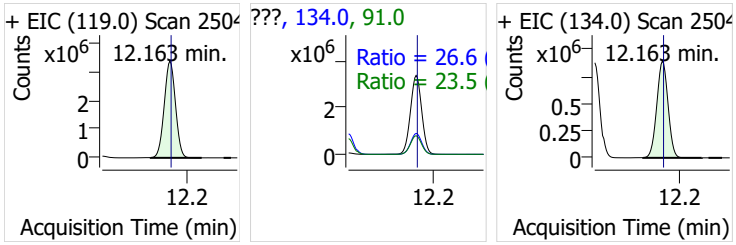
sec-Butylbenzene



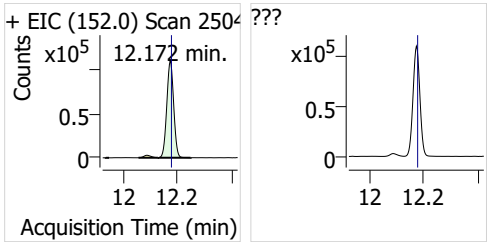
1,3-Dichlorobenzene



p-Isopropyltoluene

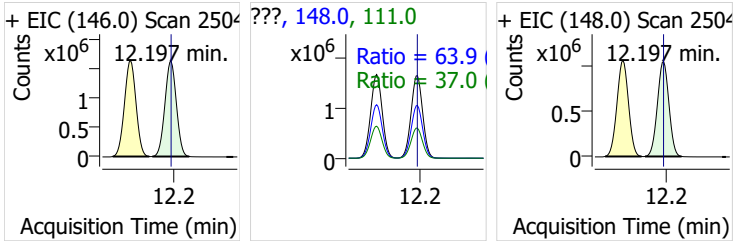


1,4-Dichlorobenzene-d4

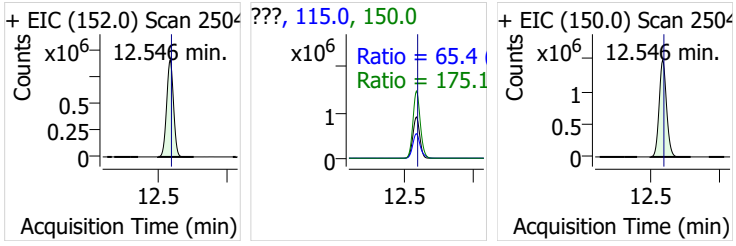


No Qualifier

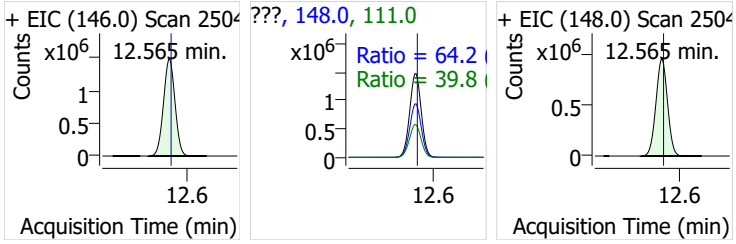
1,4-Dichlorobenzene



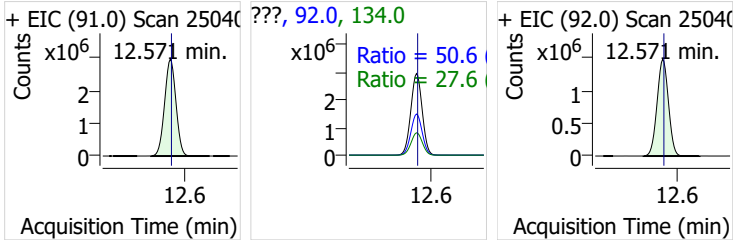
1,2-Dichlorobenzene-d4 (S)



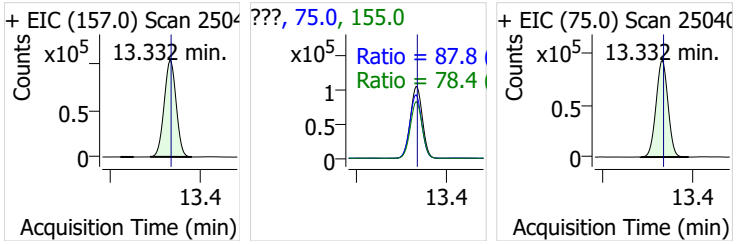
1,2-Dichlorobenzene



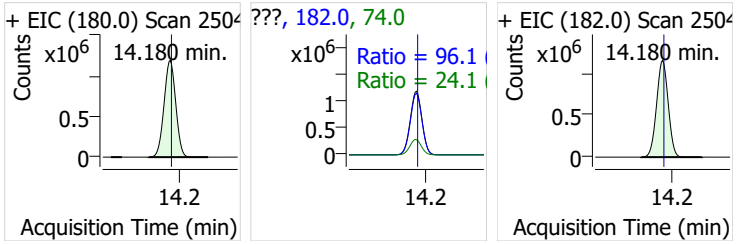
n-Butylbenzene



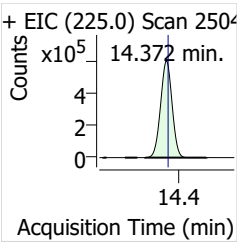
1,2-Dibromo-3-chloropropane

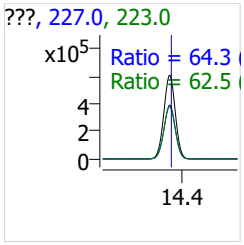


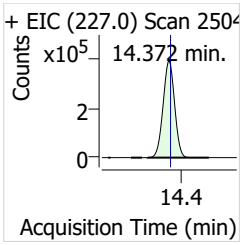
1,2,4-Trichlorobenzene



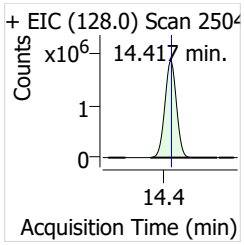
Hexachlorobutadiene

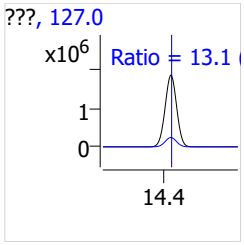


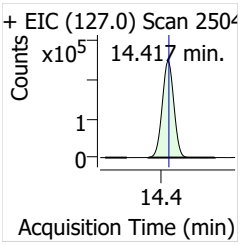




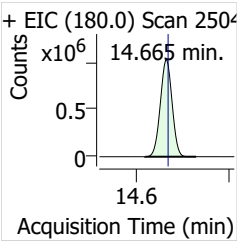
Naphthalene

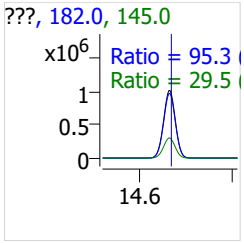


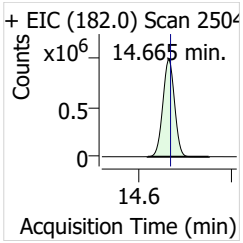




1,2,3-Trichlorobenzene







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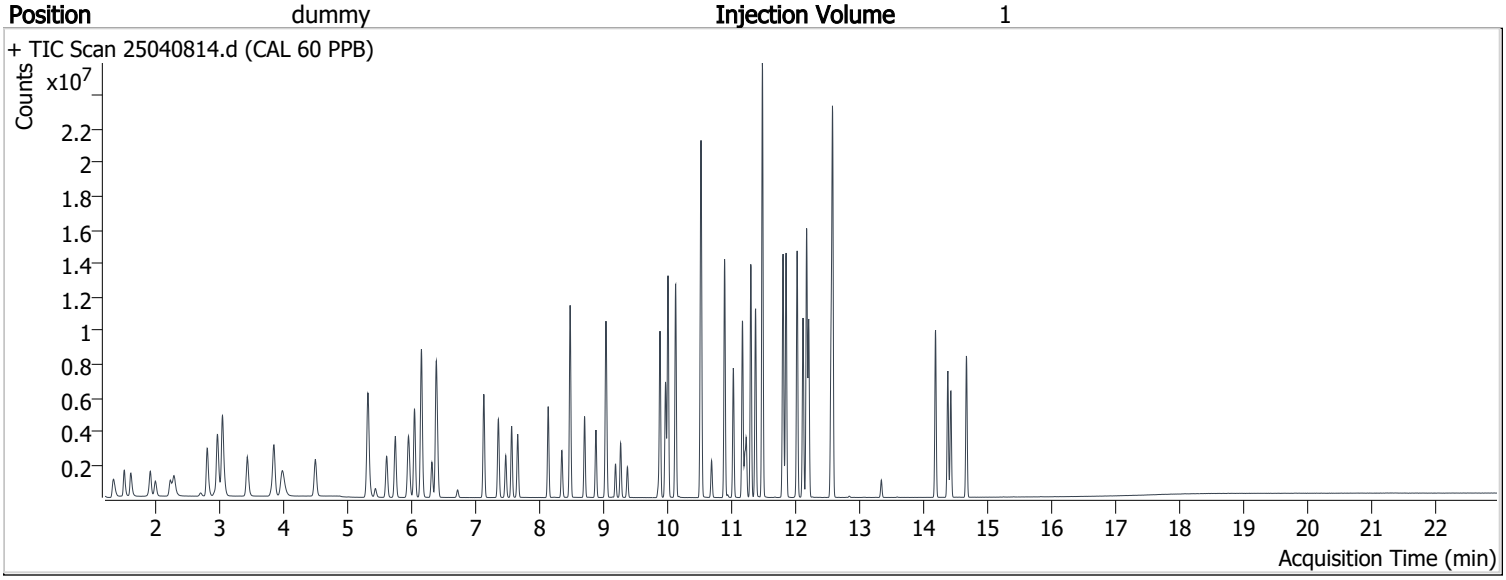
Report Time	5/12/2025 11:38:27 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Analysis Info

Instrument	GCMS 107	**Operator**	LSD
Data File	25040814.d	**Sample Name**	CAL 60 PPB
Sample Type	Cal	**Dilution**	1
Acq. Method	GCMS_107	**Acq. Date**	4/8/2025 11:24 PM
Position	dummy	**Injection Volume**	1



Compound	Compound Group	Compound Type	RT	Final Conc.
Pentafluorobenzene (S)	S	Surrogate	6.034	59.2353
1,2-Dichloroethane-d4 (S)	S	Surrogate	6.304	58.2203
4-Bromofluorobenzene (S)	S	Surrogate	11.017	60.0203
1,2-Dichlorobenzene-d4 (S)	S	Surrogate	12.545	52.3247
		Total		229.80

Compound	Compound Group	Compound Type	RT	Final Conc.
Dichlorodifluoromethane	T	Target	1.326	64.0560
Bromomethane	T	Target	1.901	59.6418
Chloroethane	T	Target	1.982	59.4372
Trichlorofluoromethane	T	Target	2.272	80.3899
Acetone	T	Target	2.908	114.4685
Iodomethane	T	Target	2.952	119.6357
Carbon Disulfide	T	Target	3.030	118.1879
Dichloromethane	T	Target	3.418	58.9230
trans 1,2-Dichloroethylene	T	Target	3.833	58.5689
MTBE	T	Target	3.967	59.9316
2,2-Dichloropropane	T	Target	5.306	57.3661
cis 1,2-Dichloroethylene	T	Target	5.303	59.5924
2-Butanone (MEK)	T	Target	5.420	119.4903
Bromochloromethane	T	Target	5.596	59.7453
1,1,1-Trichloroethane	T	Target	5.939	60.9584
1,1-Dichloropropylene	T	Target	6.140	59.2051
Carbon Tetrachloride	T	Target	6.140	60.3508
Benzene	T	Target	6.371	59.3375
1,2-Dichloroethane	T	Target	6.393	59.6938

Trichloroethylene	T	Target	7.116	59.5841
Dibromomethane	T	Target	7.459	59.9279
Methyl Methacrylate	T	Target	7.551	121.5329
Bromodichloromethane	T	Target	7.645	60.7043
cis 1,3-Dichloropropylene	T	Target	8.122	60.2536
4-Methyl-2-pentanone (MIBK)	T	Target	8.337	121.6363
trans 1,3-Dichloropropylene	T	Target	8.691	60.5716
1,1,2-trichloroethane	T	Target	8.870	60.2615
Tetrachloroethylene	T	Target	9.023	60.5476
1,3-Dichloropropane	T	Target	9.034	59.9932
2-Hexanone	T	Target	9.176	121.8112
Dibromochloromethane	T	Target	9.255	61.5298
1,2-Dibromoethane (EDB)	T	Target	9.361	61.5273
1,1,1,2-Tetrachloroethane	T	Target	9.957	61.5131
m,p-Xylenes	T	Target	10.116	60.5745
o-Xylene	T	Target	10.507	60.4088
Styrene	T	Target	10.518	61.1460
Isopropylbenzene	T	Target	10.880	60.3838
Bromobenzene	T	Target	11.162	52.5027
1,2,3-Trichloropropane	T	Target	11.198	50.2814
trans-1,4-Dichloro-2-butene	T	Target	11.221	108.6639
n-Propylbenzene	T	Target	11.290	53.2612
2-Chlorotoluene	T	Target	11.366	53.0169
1,3,5-Trimethylbenzene	T	Target	11.472	53.0638
4-Chlorotoluene	T	Target	11.474	52.2077
tert-Butylbenzene	T	Target	11.795	53.4759
1,2,4-Trimethylbenzene	T	Target	11.842	53.3830
sec-Butylbenzene	T	Target	12.015	54.2492
1,3-Dichlorobenzene	T	Target	12.107	53.6740
p-Isopropyltoluene	T	Target	12.163	54.1612
1,4-Dichlorobenzene	T	Target	12.197	52.8788
1,2-Dichlorobenzene	T	Target	12.565	52.3179
n-Butylbenzene	T	Target	12.570	54.5164
1,2-Dibromo-3-chloropropane	T	Target	13.332	51.6411
1,2,4-Trichlorobenzene	T	Target	14.179	54.0003
Hexachlorobutadiene	T	Target	14.372	54.8758
Naphthalene	T	Target	14.419	53.2931
1,2,3-Trichlorobenzene	T	Target	14.662	54.0886
			Total	3782.44

Compound	Compound Group	Compound Type	RT	Final Conc.
Chloromethane	P	Target	1.494	59.2269
1,1-Dichloroethane	P	Target	4.483	59.0540
Chlorobenzene	P	Target	9.871	60.7782
Bromoform	P	Target	10.677	61.5073
1,1,2,2-Tetrachloroethane	P	Target	11.159	52.6674
			Total	293.23

Compound	Compound Group	Compound Type	RT	Final Conc.
Vinyl Chloride	C	Target	1.597	58.8158
1,1-Dichloroethylene	C	Target	2.790	60.1336
Chloroform	C	Target	5.732	59.4803
1,2-Dichloropropane	C	Target	7.344	59.0534
Toluene	C	Target	8.465	59.9488
Ethylbenzene	C	Target	9.996	60.2586
			Total	357.69

ISTD Compounds	Compound Type	RT	Transition(T)	ISTD Resp.
Fluorobenzene	ISTD	6.706	96	401441
Chlorobenzene-d5	ISTD	9.843	117	298270
1,4-Dichlorobenzene-d4	ISTD	12.172	152	199033

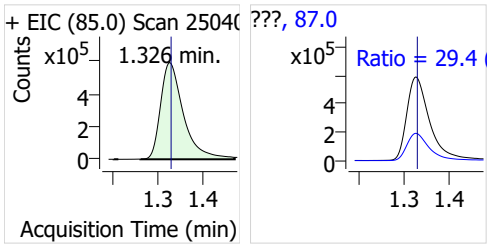
Quantitation Results

Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
Dichlorodifluoromethane	1.326	1.326	85	87.0	2050433	603432	29.4	30.6	Fluorobenzene	5.1077	64.0560	ug/L
Chloromethane	1.494	1.494	50	52.0	2001398	644133	32.2	33.4	Fluorobenzene	4.9855	59.2269	ug/L
Vinyl Chloride	1.597	1.600	62	64.0	1969814	624332	31.7	32.2	Fluorobenzene	4.9069	58.8158	ug/L
Bromomethane	1.901	1.904	94	96.0	1303510	1224673	94.0	94.4	Fluorobenzene	3.2471	59.6418	ug/L
Chloroethane	1.982	1.985	64	66.0	1064734	348494	32.7	34.0	Fluorobenzene	2.6523	59.4372	ug/L
Trichlorofluoromethane	2.272	2.275	101	103.0	2833774	1121880	39.6	62.3	Fluorobenzene	7.0590	80.3899	ug/L
1,1-Dichloroethylene	2.790	2.793	61	96.0	2462233	1464734	59.5	58.9	Fluorobenzene	6.1335	60.1336	ug/L
Acetone	2.908	2.910	58	43.0	125302	432290	345.0	345.3	Fluorobenzene	0.3121	114.4685	ug/L
Iodomethane	2.952	2.952	142	127.0	5920273	2482136	41.9	42.1	Fluorobenzene	14.7476	119.6357	ug/L
Carbon Disulfide	3.030	3.033	76	No Q.	9813269	No Q.	No Q.	No Q.	Fluorobenzene	24.4451	118.1879	ug/L
Dichloromethane	3.418	3.421	49	84.0	1921774	1456082	75.8	77.1	Fluorobenzene	4.7872	58.9230	ug/L
trans 1,2-Dichloroethylene	3.833	3.836	61	96.0	2383269	1615160	67.8	68.4	Fluorobenzene	5.9368	58.5689	ug/L
MTBE	3.967	3.976	73	57.0	3276953	734034	22.4	22.4	Fluorobenzene	8.1630	59.9316	ug/L
1,1-Dichloroethane	4.483	4.483	63	65.0	2886687	914675	31.7	32.0	Fluorobenzene	7.1908	59.0540	ug/L
2,2-Dichloropropane	5.306	5.306	77	79.0	2714262	873180	32.2	32.9	Fluorobenzene	6.7613	57.3661	ug/L
cis 1,2-Dichloroethylene	5.303	5.306	96	61.0	1850182	2864341	154.8	153.8	Fluorobenzene	4.6089	59.5924	ug/L
2-Butanone (MEK)	5.420	5.423	72	43.0	180566	774673	429.0	410.8	Fluorobenzene	0.4498	119.4903	ug/L
Bromochloromethane	5.596	5.596	49	130.0	1278634	1050197	82.1	83.1	Fluorobenzene	3.1851	59.7453	ug/L
Chloroform	5.732	5.733	83	85.0	3063437	1981480	64.7	64.4	Fluorobenzene	7.6311	59.4803	ug/L
1,1,1-Trichloroethane	5.939	5.939	97	99.0	3082713	1788337	58.0	59.6	Fluorobenzene	7.6791	60.9584	ug/L
Pentafluorobenzene (S)	6.034	6.034	168	99.0	4102597	2027028	49.4	50.0	Fluorobenzene	10.2197	59.2353	ug/L
1,1-Dichloropropylene	6.140	6.140	75	39.0	2411061	1591621	66.0	66.1	Fluorobenzene	6.0060	59.2051	ug/L
Carbon Tetrachloride	6.140	6.142	117	119.0	2877130	2805958	97.5	96.7	Fluorobenzene	7.1670	60.3508	ug/L
1,2-Dichloroethane-d4 (S)	6.304	6.304	65	No Q.	1582124	No Q.	No Q.	No Q.	Fluorobenzene	3.9411	58.2203	ug/L
Benzene	6.371	6.371	78	77.0	6822677	1591918	23.3	23.4	Fluorobenzene	16.9955	59.3375	ug/L
1,2-Dichloroethane	6.393	6.393	62	49.0	2033651	698244	34.3	33.8	Fluorobenzene	5.0659	59.6938	ug/L
Trichloroethylene	7.116	7.116	130	132.0	2060296	1995414	96.9	97.6	Fluorobenzene	5.1323	59.5841	ug/L
1,2-Dichloropropane	7.344	7.344	63	62.0	1737834	1141654	65.7	66.0	Fluorobenzene	4.3290	59.0534	ug/L
Dibromomethane	7.459	7.459	174	93.0	1003300	822534	82.0	80.9	Fluorobenzene	2.4992	59.9279	ug/L
Methyl Methacrylate	7.551	7.551	41	69.0	1999273	1441113	72.1	72.9	Fluorobenzene	4.9802	121.5329	ug/L
Bromodichloromethane	7.645	7.646	83	85.0	2260025	1436186	63.5	64.4	Fluorobenzene	5.6298	60.7043	ug/L
cis 1,3-Dichloropropylene	8.122	8.122	75	39.0	2690198	1535327	57.1	57.6	Fluorobenzene	6.7014	60.2536	ug/L
4-Methyl-2-pentanone (MIBK)	8.337	8.337	43	58.0	1839785	653644	35.5	36.2	Fluorobenzene	4.5830	121.6363	ug/L
Toluene	8.465	8.465	91	92.0	7770978	4444707	57.2	56.5	Chlorobenzene-d5	26.0535	59.9488	ug/L
trans 1,3-Dichloropropylene	8.691	8.691	75	39.0	2277963	1214548	53.3	54.3	Chlorobenzene-d5	7.6372	60.5716	ug/L
1,1,2-trichloroethane	8.870	8.870	97	83.0	1147258	986764	86.0	87.0	Chlorobenzene-d5	3.8464	60.2615	ug/L
Tetrachloroethylene	9.023	9.023	166	164.0	2339794	1821452	77.8	78.9	Chlorobenzene-d5	7.8445	60.5476	ug/L
1,3-Dichloropropane	9.034	9.034	76	41.0	1922449	1398465	72.7	72.5	Chlorobenzene-d5	6.4453	59.9932	ug/L
2-Hexanone	9.176	9.177	43	58.0	1238139	606179	49.0	48.4	Chlorobenzene-d5	4.1511	121.8112	ug/L
Dibromochloromethane	9.255	9.255	129	127.0	1580928	1223427	77.4	76.7	Chlorobenzene-d5	5.3003	61.5298	ug/L
1,2-Dibromoethane (EDB)	9.361	9.361	107	109.0	1144037	1072319	93.7	93.1	Chlorobenzene-d5	3.8356	61.5273	ug/L
Chlorobenzene	9.871	9.871	112	77.0	4946370	2866269	57.9	59.3	Chlorobenzene-d5	16.5835	60.7782	ug/L
1,1,1,2-Tetrachloroethane	9.957	9.957	131	133.0	1891860	1814223	95.9	95.7	Chlorobenzene-d5	6.3428	61.5131	ug/L
Ethylbenzene	9.996	9.994	91	106.0	8755921	2802482	32.0	32.2	Chlorobenzene-d5	29.3557	60.2586	ug/L
m,p-Xylenes	10.116	10.114	91	106.0	7049113	3443534	48.9	49.6	Chlorobenzene-d5	23.6333	60.5745	ug/L
o-Xylene	10.507	10.507	91	106.0	7031208	3270829	46.5	46.5	Chlorobenzene-d5	23.5733	60.4088	ug/L
Styrene	10.518	10.515	104	103.0	5445610	3045152	55.9	56.7	Chlorobenzene-d5	18.2573	61.1460	ug/L
Bromoform	10.677	10.677	173	171.0	999818	508111	50.8	51.4	Chlorobenzene-d5	3.3521	61.5073	ug/L
Isopropylbenzene	10.880	10.880	105	120.0	8879282	2399871	27.0	26.9	Chlorobenzene-d5	29.7693	60.3838	ug/L
4-Bromofluorobenzene (S)	11.017	11.017	95	174.0	2350942	2164584	92.1	91.9	Chlorobenzene-d5	7.8819	60.0203	ug/L
1,1,2,2-Tetrachloroethane	11.159	11.157	83	85.0	1248057	796616	63.8	63.9	1,4-Dichlorobenzene-d4	6.2706	52.6674	ug/L
Bromobenzene	11.162	11.159	156	77.0	2209263	3717763	168.3	147.8	1,4-Dichlorobenzene-d4	11.1000	52.5027	ug/L

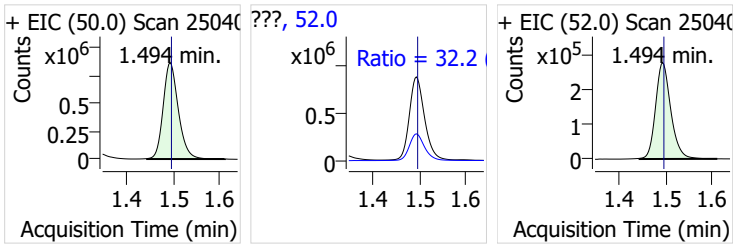
Compound	RT	Ref RT	Transition(T)	Transition(Q)	T-Resp	Q-Resp	QRatio	Ref QRatio	ISTD Compounds	IS Ratio	Final Conc.	Units
1,2,3-Trichloropropane	11.198	11.196	110	75.0	351217	2006364	571.3	768.8	1,4-Dichlorobenzene-d4	1.7646	50.2814	ug/L
trans-1,4-Dichloro-2-butene	11.221	11.218	53	89.0	626709	440752	70.3	68.6	1,4-Dichlorobenzene-d4	3.1488	108.6639	ug/L
n-Propylbenzene	11.290	11.290	120	91.0	2512792	10196702	405.8	408.8	1,4-Dichlorobenzene-d4	12.6250	53.2612	ug/L
2-Chlorotoluene	11.366	11.363	91	126.0	5986528	2105719	35.2	35.2	1,4-Dichlorobenzene-d4	30.0780	53.0169	ug/L
1,3,5-Trimethylbenzene	11.472	11.472	105	120.0	7662538	3695722	48.2	48.1	1,4-Dichlorobenzene-d4	38.4988	53.0638	ug/L
4-Chlorotoluene	11.474	11.472	126	91.0	2164834	6968015	321.9	321.7	1,4-Dichlorobenzene-d4	10.8767	52.2077	ug/L
tert-Butylbenzene	11.795	11.795	134	119.0	1545518	6874636	444.8	441.8	1,4-Dichlorobenzene-d4	7.7651	53.4759	ug/L
1,2,4-Trimethylbenzene	11.842	11.840	105	120.0	7828218	3555921	45.4	45.0	1,4-Dichlorobenzene-d4	39.3312	53.3830	ug/L
sec-Butylbenzene	12.015	12.015	105	134.0	9670418	1997312	20.7	20.2	1,4-Dichlorobenzene-d4	48.5869	54.2492	ug/L
1,3-Dichlorobenzene	12.107	12.107	146	148.0	4349784	2750657	63.2	62.5	1,4-Dichlorobenzene-d4	21.8546	53.6740	ug/L
p-Isopropyltoluene	12.163	12.163	119	134.0	8537776	2284505	26.8	26.7	1,4-Dichlorobenzene-d4	42.8962	54.1612	ug/L
1,4-Dichlorobenzene	12.197	12.194	146	148.0	4300345	2722604	63.3	64.1	1,4-Dichlorobenzene-d4	21.6062	52.8788	ug/L
1,2-Dichlorobenzene-d4 (S)	12.545	12.545	152	150.0	2336995	4057206	173.6	172.9	1,4-Dichlorobenzene-d4	11.7417	52.3247	ug/L
1,2-Dichlorobenzene	12.565	12.565	146	148.0	3872178	2485827	64.2	64.5	1,4-Dichlorobenzene-d4	19.4549	52.3179	ug/L
n-Butylbenzene	12.570	12.570	91	92.0	7599042	3877544	51.0	51.5	1,4-Dichlorobenzene-d4	38.1798	54.5164	ug/L
1,2-Dibromo-3-chloropropane	13.332	13.332	157	75.0	289854	248275	85.7	86.2	1,4-Dichlorobenzene-d4	1.4563	51.6411	ug/L
1,2,4-Trichlorobenzene	14.179	14.179	180	182.0	3196170	3037119	95.0	96.0	1,4-Dichlorobenzene-d4	16.0585	54.0003	ug/L
Hexachlorobutadiene	14.372	14.372	225	227.0	1633805	1048011	64.1	63.9	1,4-Dichlorobenzene-d4	8.2087	54.8758	ug/L
Naphthalene	14.419	14.416	128	127.0	4953346	646812	13.1	13.1	1,4-Dichlorobenzene-d4	24.8870	53.2931	ug/L
1,2,3-Trichlorobenzene	14.662	14.665	180	182.0	2745683	2616852	95.3	94.1	1,4-Dichlorobenzene-d4	13.7951	54.0886	ug/L

Compound Graphics

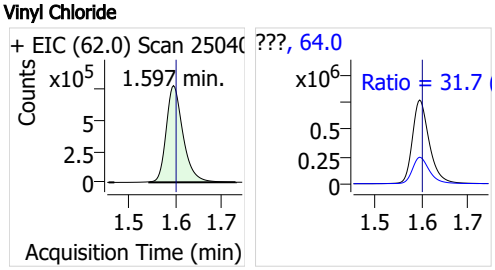
Dichlorodifluoromethane



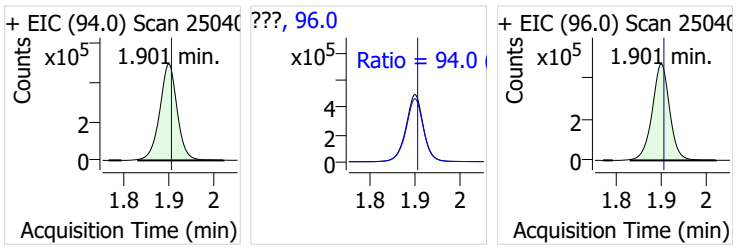
Chloromethane



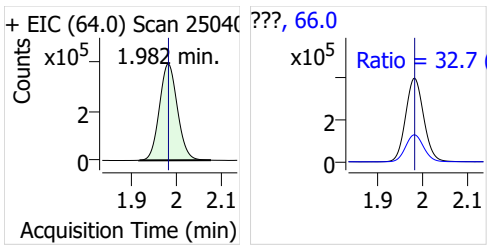
Vinyl Chloride



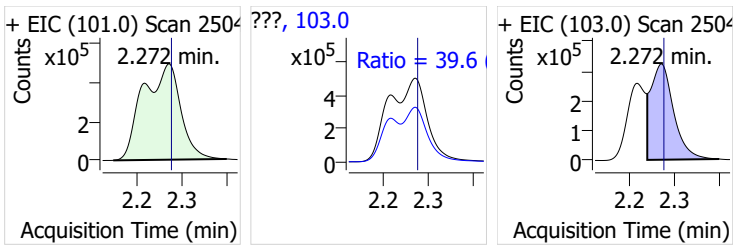
Bromomethane



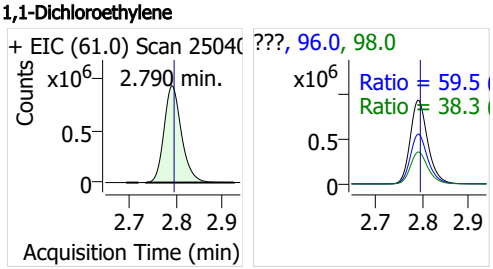
Chloroethane



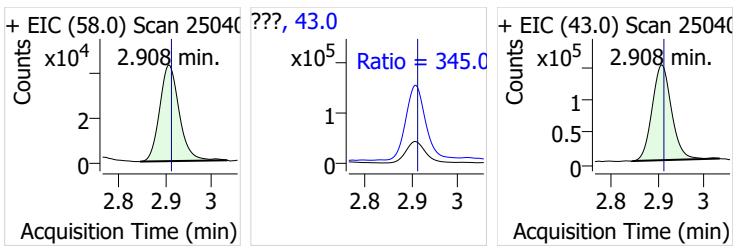
Trichlorofluoromethane



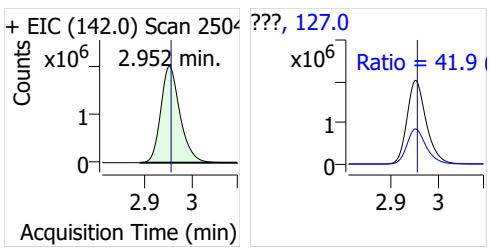
1,1-Dichloroethylene



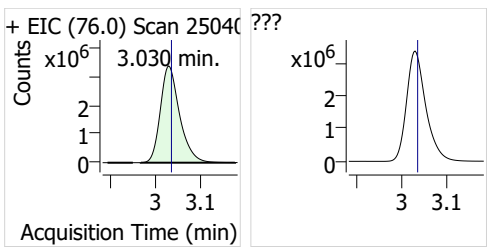
Acetone



Iodomethane

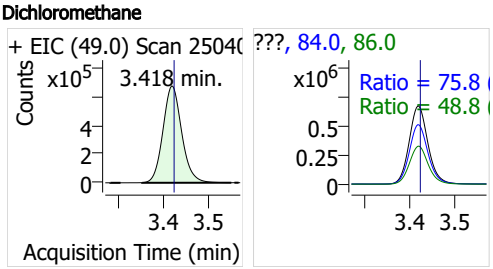


Carbon Disulfide

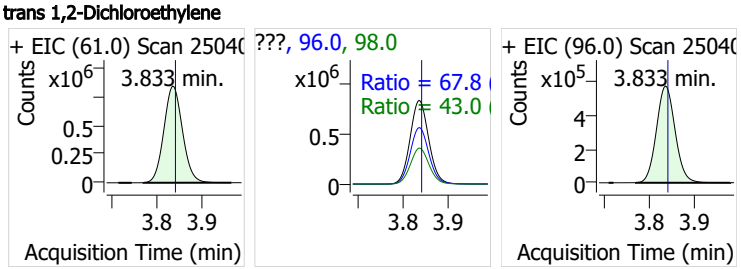


No Qualifier

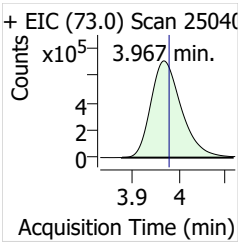
Dichloromethane

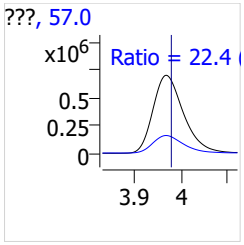


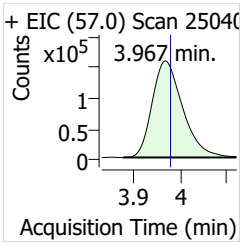
trans 1,2-Dichloroethylene



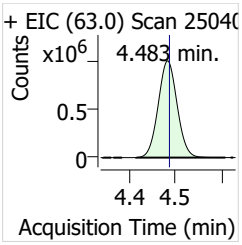
MTBE

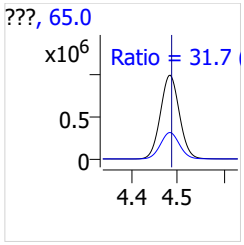


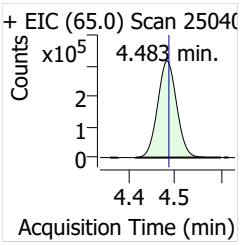




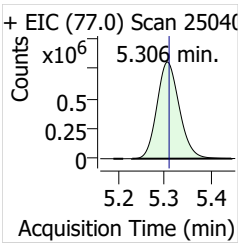
1,1-Dichloroethane

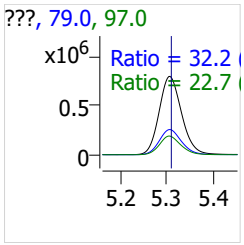


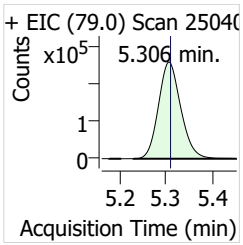




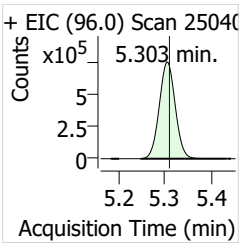
2,2-Dichloropropane

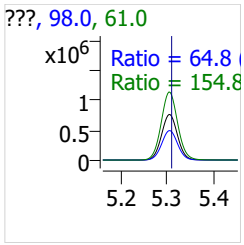


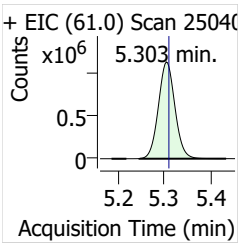




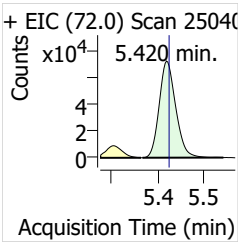
cis 1,2-Dichloroethylene

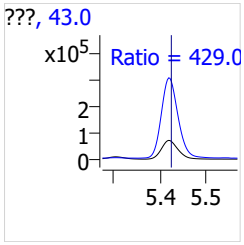


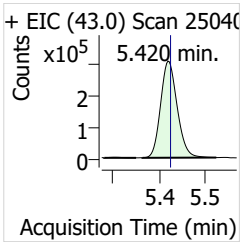




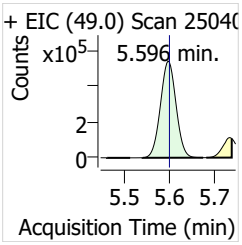
2-Butanone (MEK)

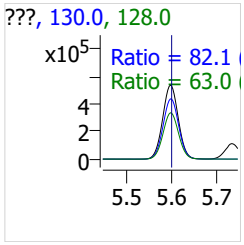


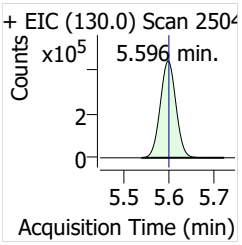




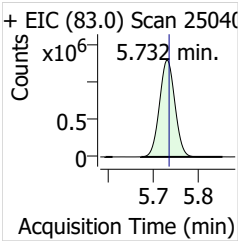
Bromochloromethane

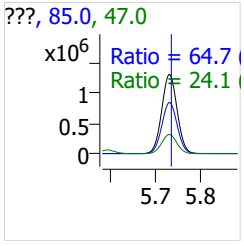


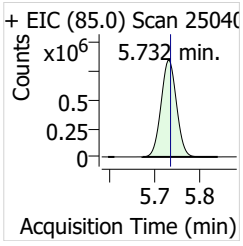




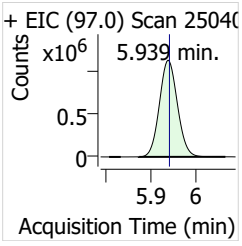
Chloroform

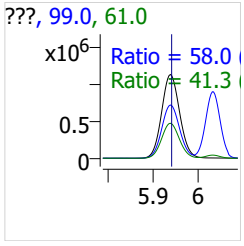


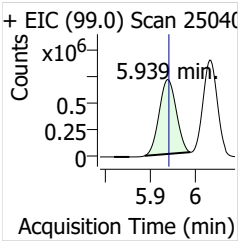




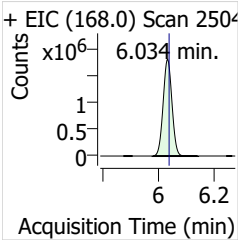
1,1,1-Trichloroethane

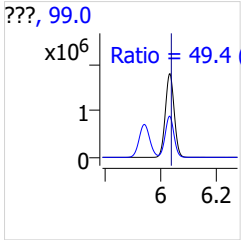


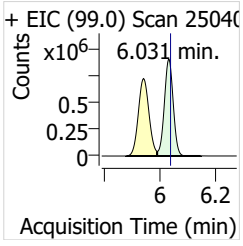




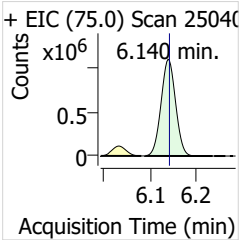
Pentafluorobenzene (S)

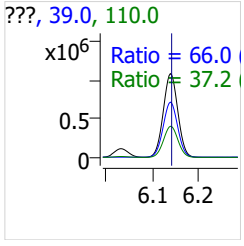


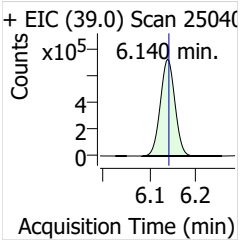




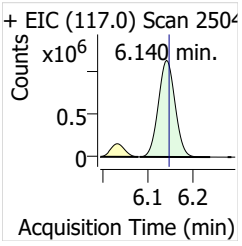
1,1-Dichloropropylene

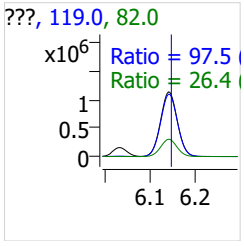


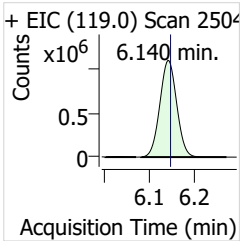




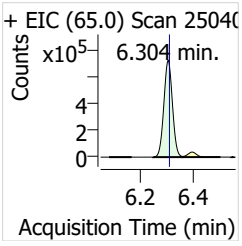
Carbon Tetrachloride

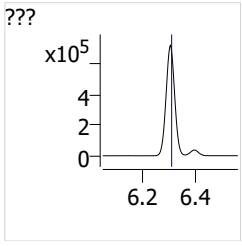






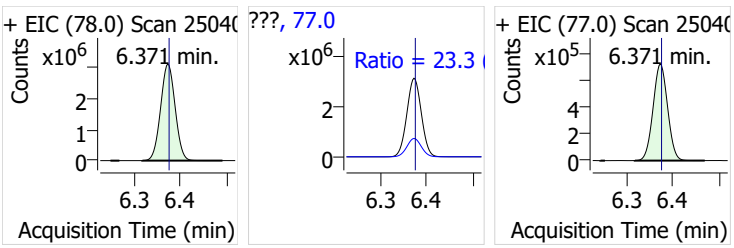
1,2-Dichloroethane-d4 (S)



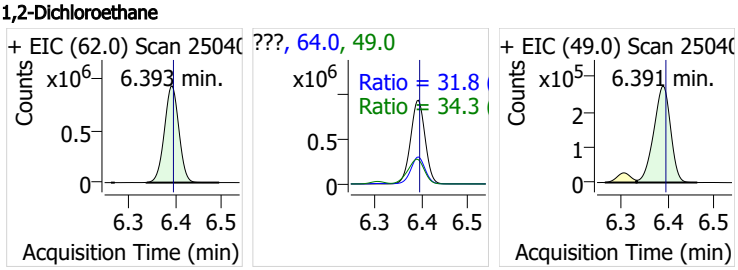


No Qualifier

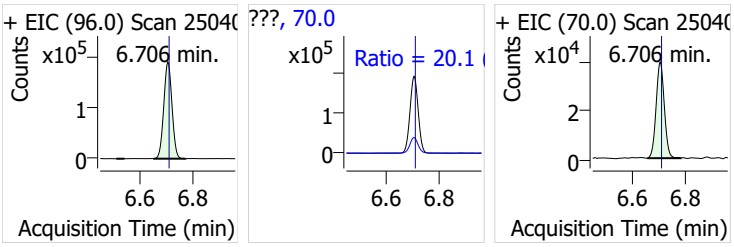
Benzene



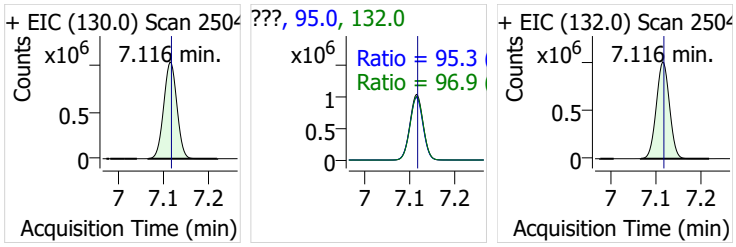
1,2-Dichloroethane



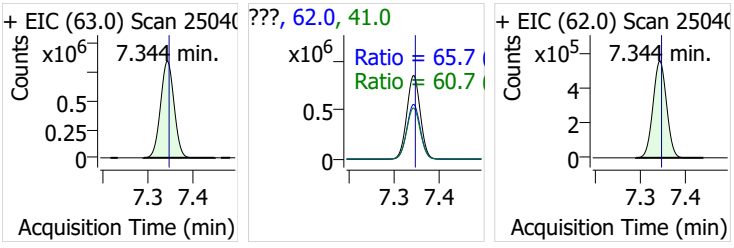
Fluorobenzene



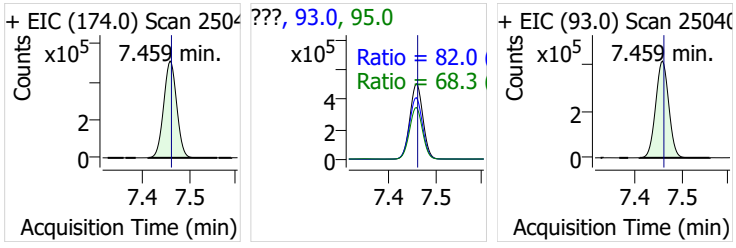
Trichloroethylene



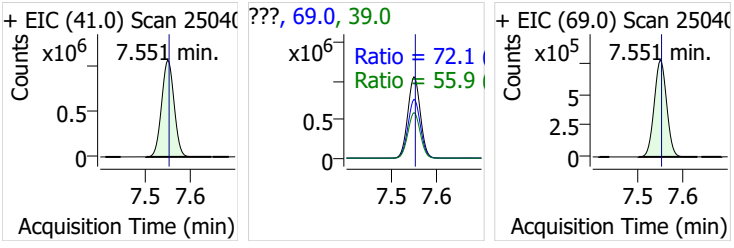
1,2-Dichloropropane



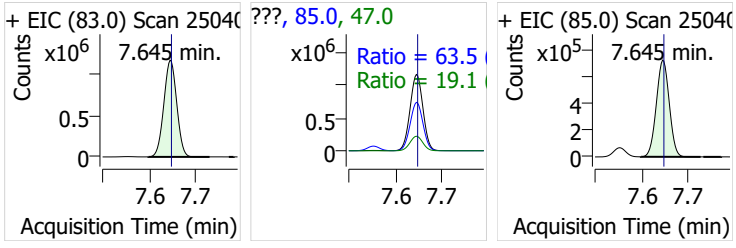
Dibromomethane



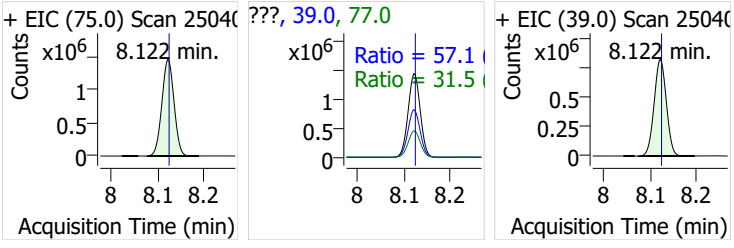
Methyl Methacrylate



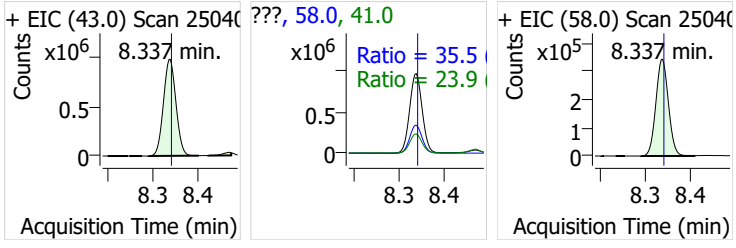
Bromodichloromethane



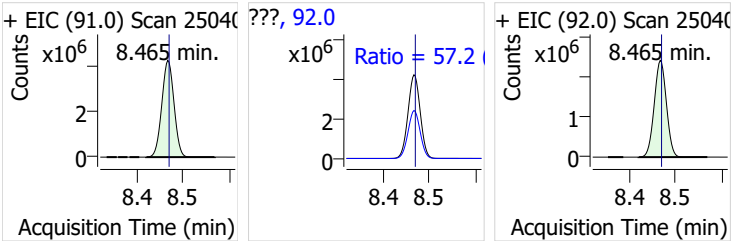
cis 1,3-Dichloropropylene



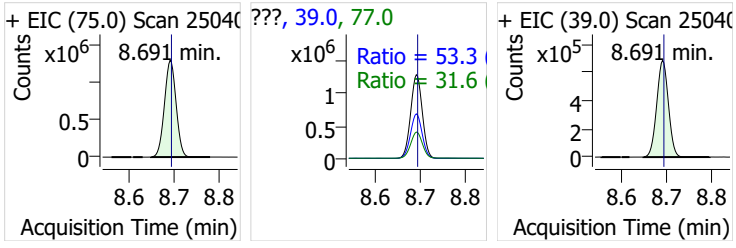
4-Methyl-2-pentanone (MIBK)



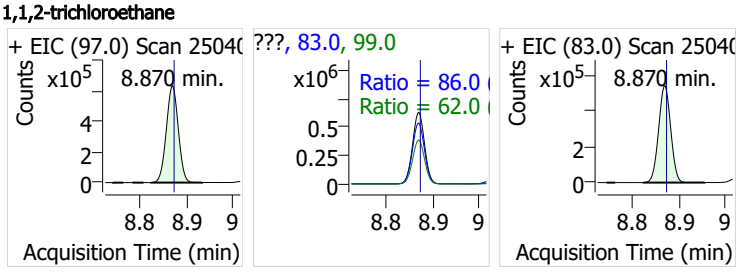
Toluene



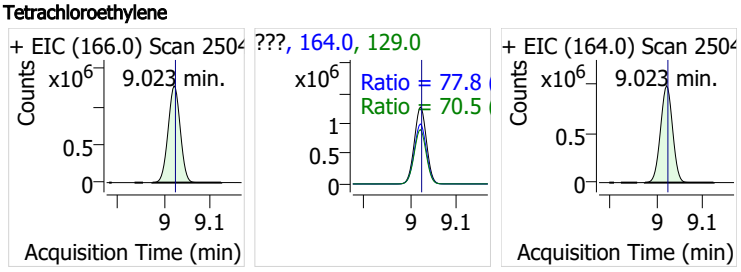
trans 1,3-Dichloropropylene



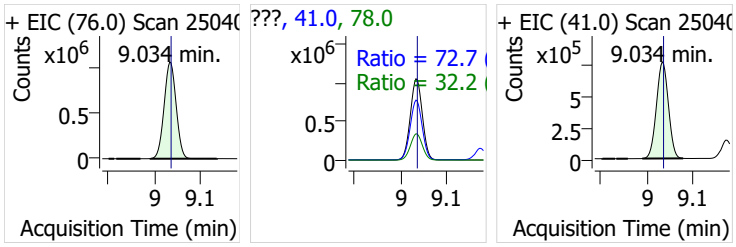
1,1,2-trichloroethane



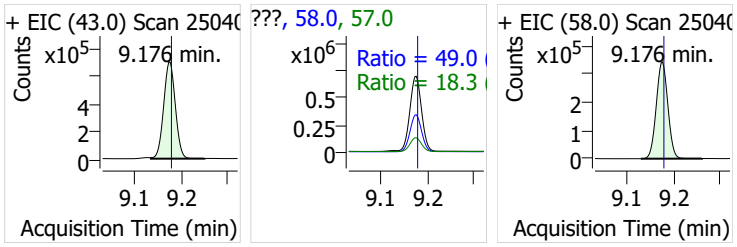
Tetrachloroethylene



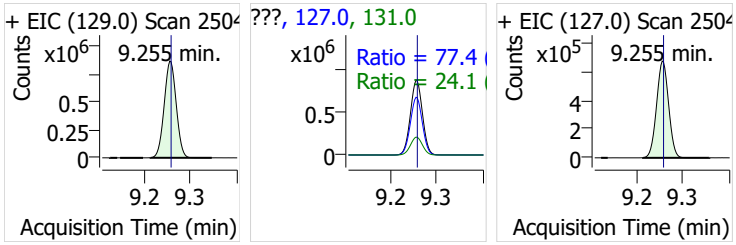
1,3-Dichloropropane



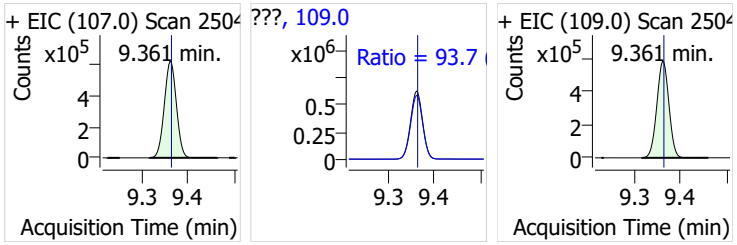
2-Hexanone



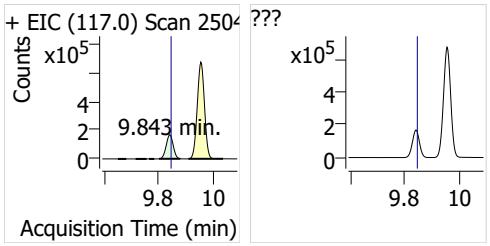
Dibromochloromethane



1,2-Dibromoethane (EDB)

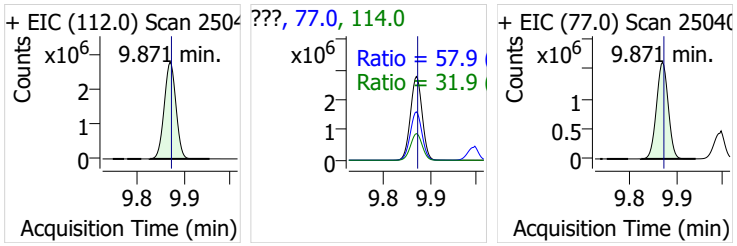


Chlorobenzene-d5

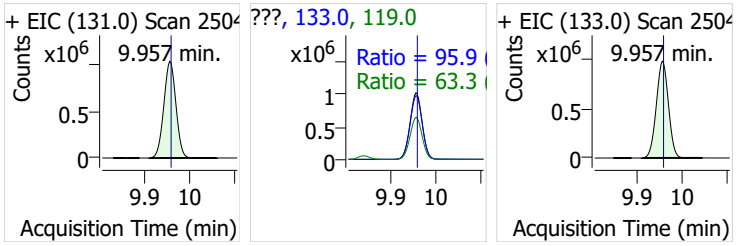


No Qualifier

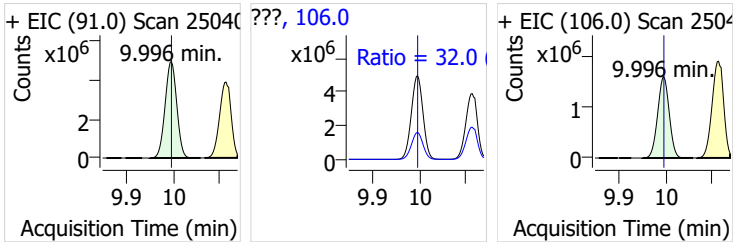
Chlorobenzene



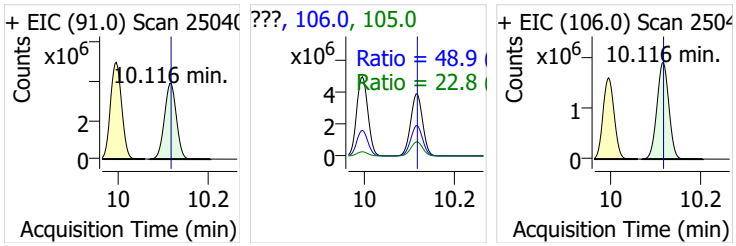
1,1,1,2-Tetrachloroethane



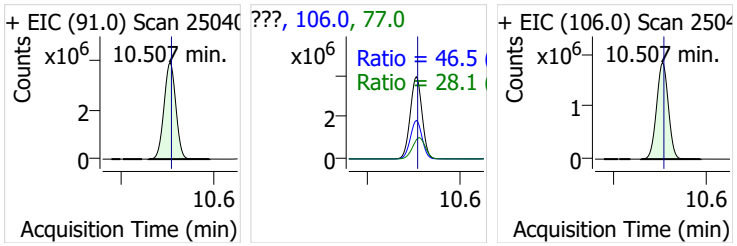
Ethylbenzene



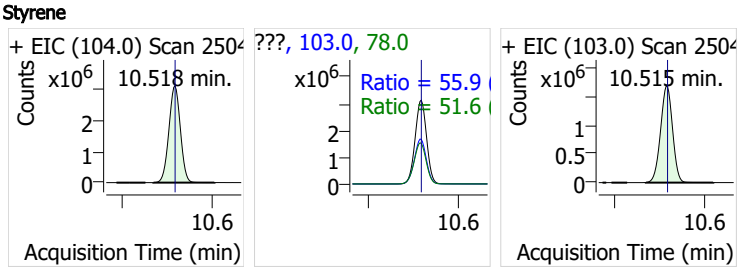
m,p-Xylenes



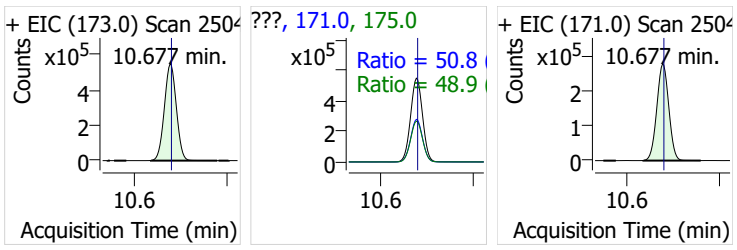
o-Xylene



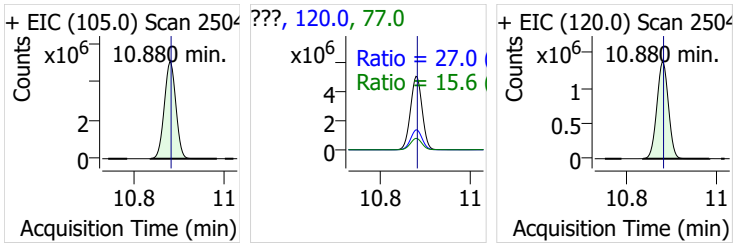
Styrene



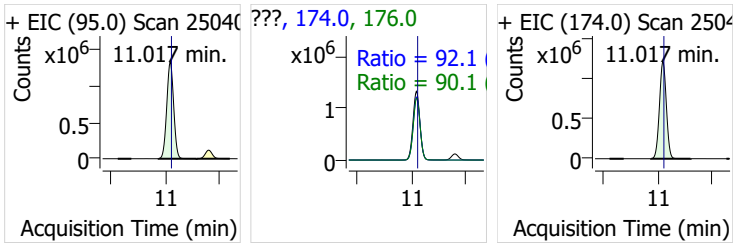
Bromoform



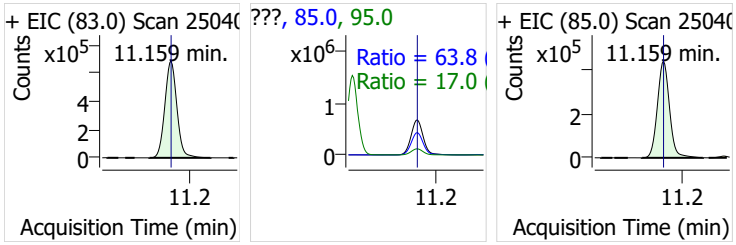
Isopropylbenzene



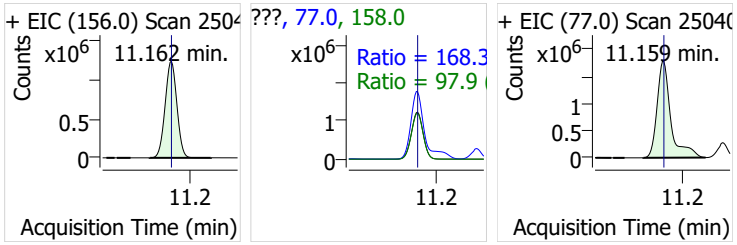
4-Bromofluorobenzene (S)



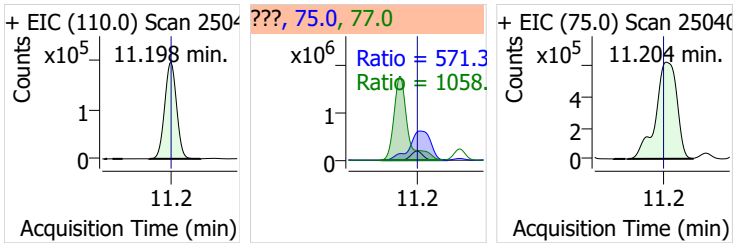
1,1,2,2-Tetrachloroethane



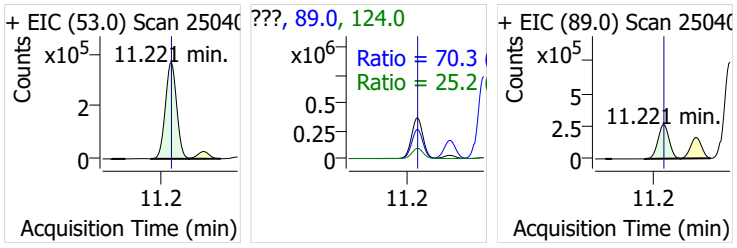
Bromobenzene



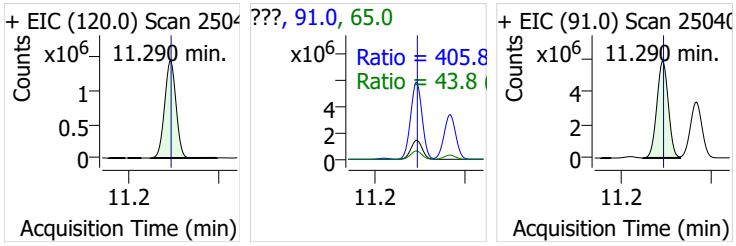
1,2,3-Trichloropropane



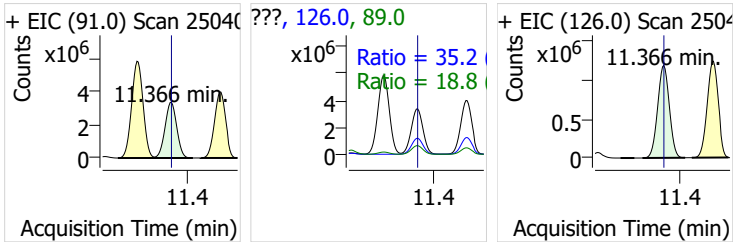
trans-1,4-Dichloro-2-butene



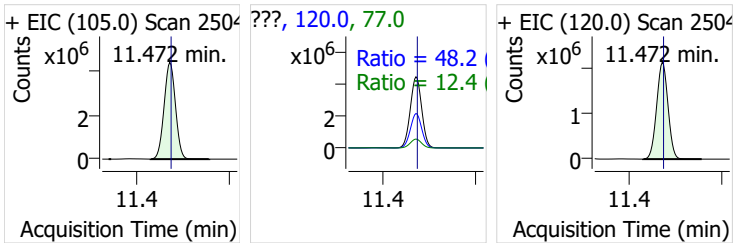
n-Propylbenzene



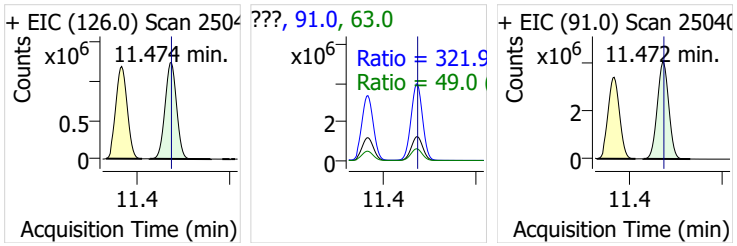
2-Chlorotoluene



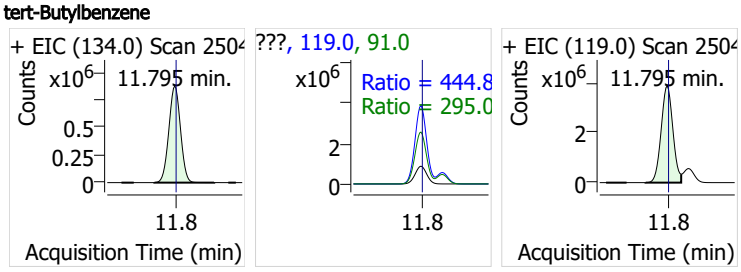
1,3,5-Trimethylbenzene



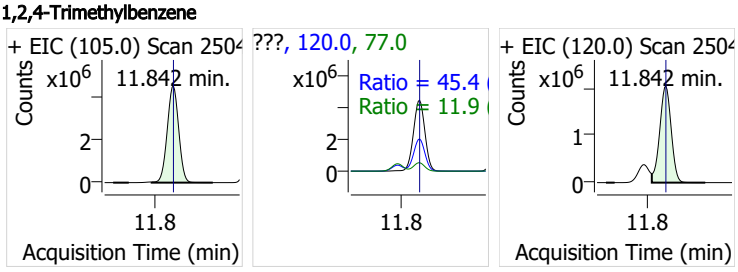
4-Chlorotoluene



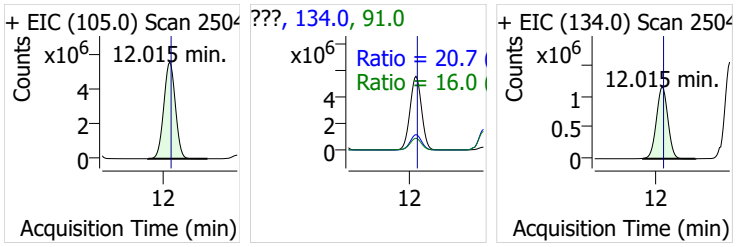
tert-Butylbenzene



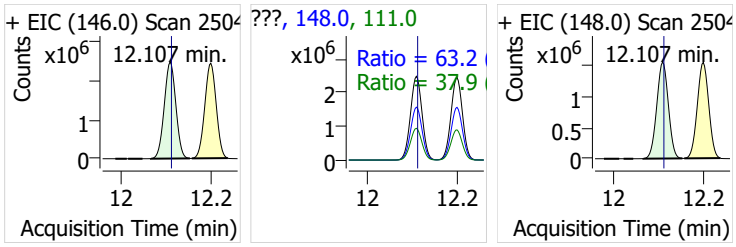
1,2,4-Trimethylbenzene



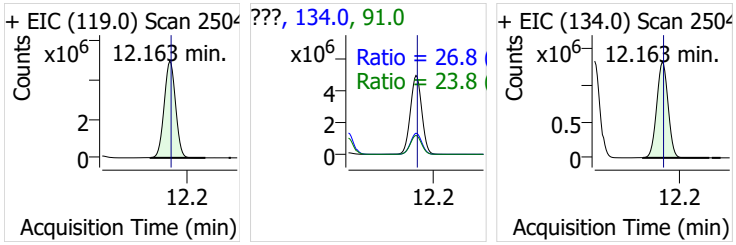
sec-Butylbenzene



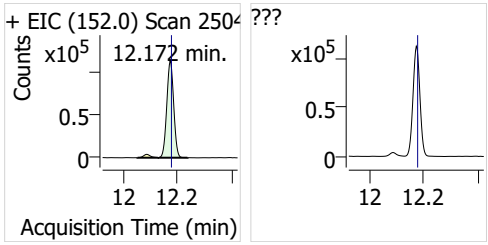
1,3-Dichlorobenzene



p-Isopropyltoluene

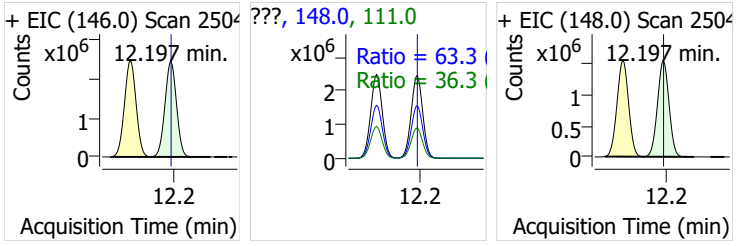


1,4-Dichlorobenzene-d4

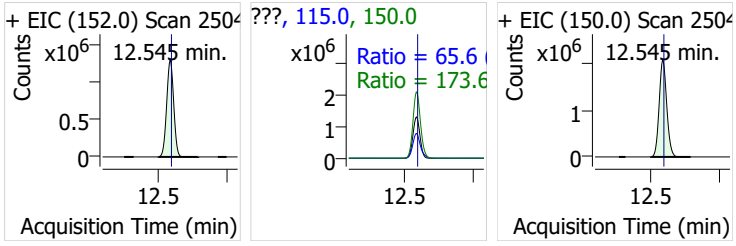


No Qualifier

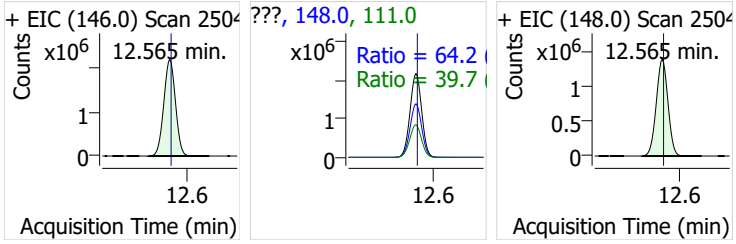
1,4-Dichlorobenzene



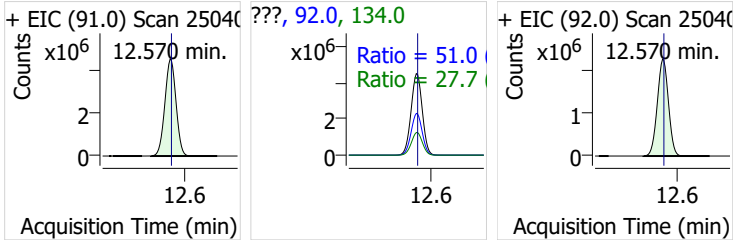
1,2-Dichlorobenzene-d4 (S)



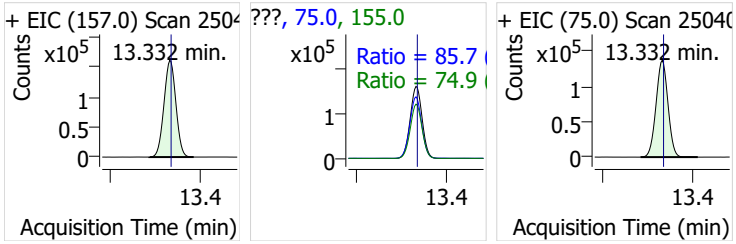
1,2-Dichlorobenzene



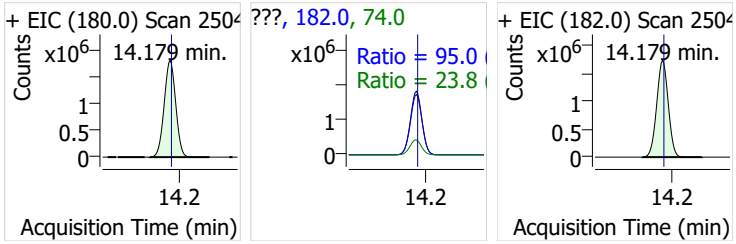
n-Butylbenzene



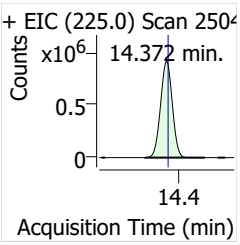
1,2-Dibromo-3-chloropropane

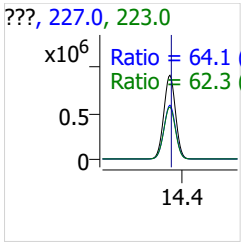


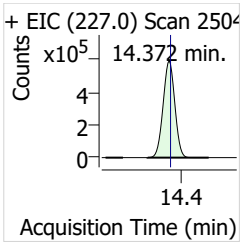
1,2,4-Trichlorobenzene



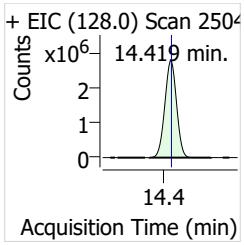
Hexachlorobutadiene

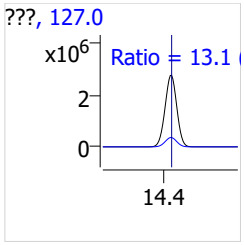


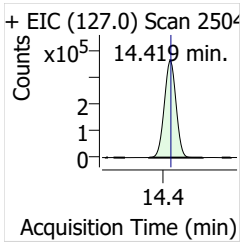




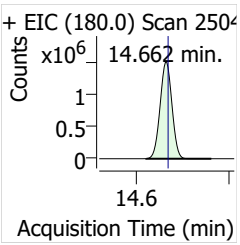
Naphthalene

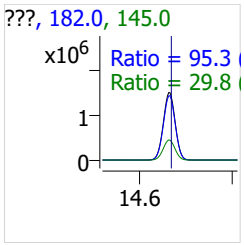


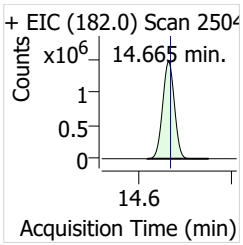




1,2,3-Trichlorobenzene



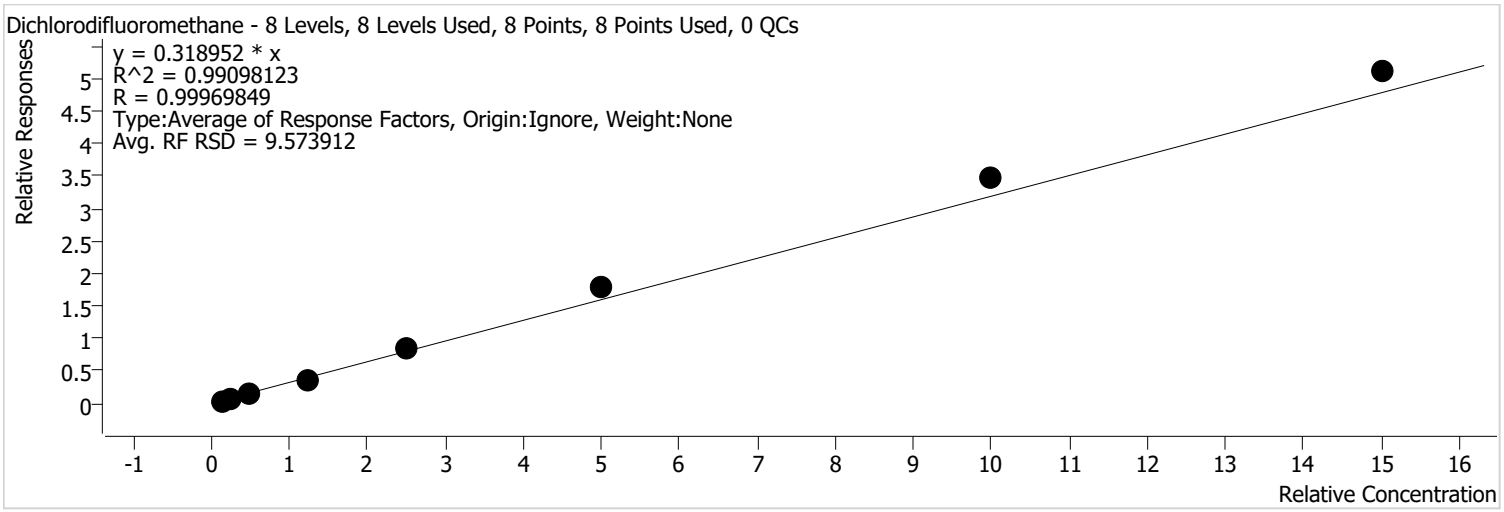




Calibration Report

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:50 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Dichlorodifluoromethane %RSE = 9.6



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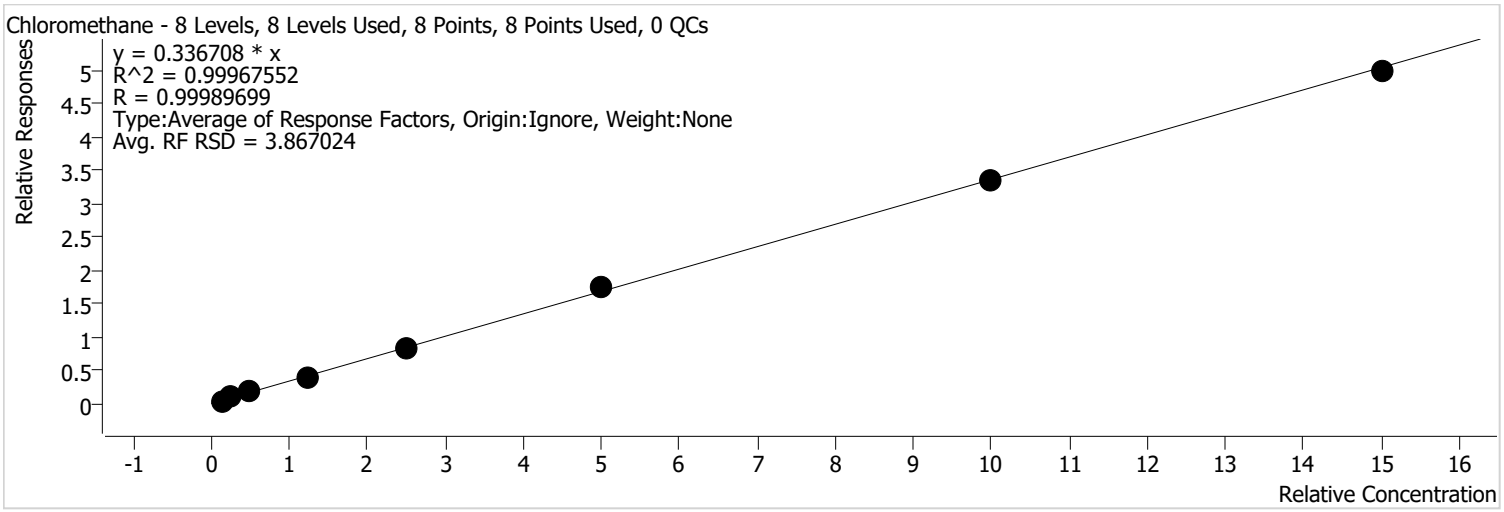
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	57906	2.0000	0.2864	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	141383	5.0000	0.2799	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	335899	10.0000	0.3351	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	712997	20.0000	0.3582	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1377055	40.0000	0.3464	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2050433	60.0000	0.3405	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Chloromethane %RSE = 3.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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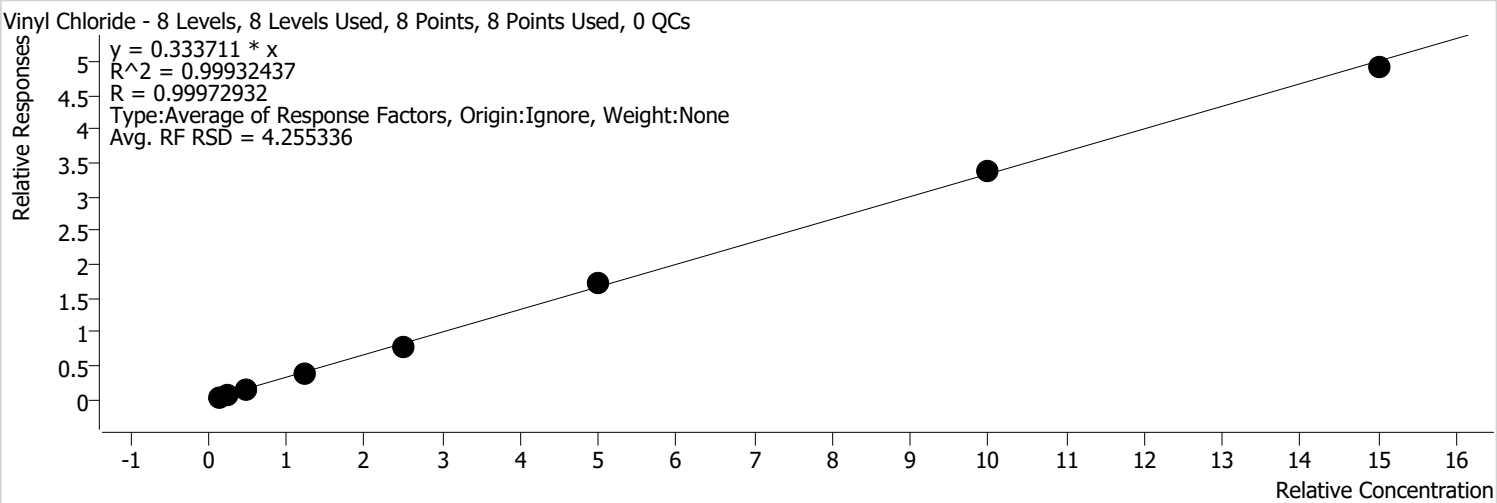
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	160196	5.0000	0.3172	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	335003	10.0000	0.3342	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	689309	20.0000	0.3463	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1332008	40.0000	0.3351	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2001398	60.0000	0.3324	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Vinyl Chloride %RSE = 4.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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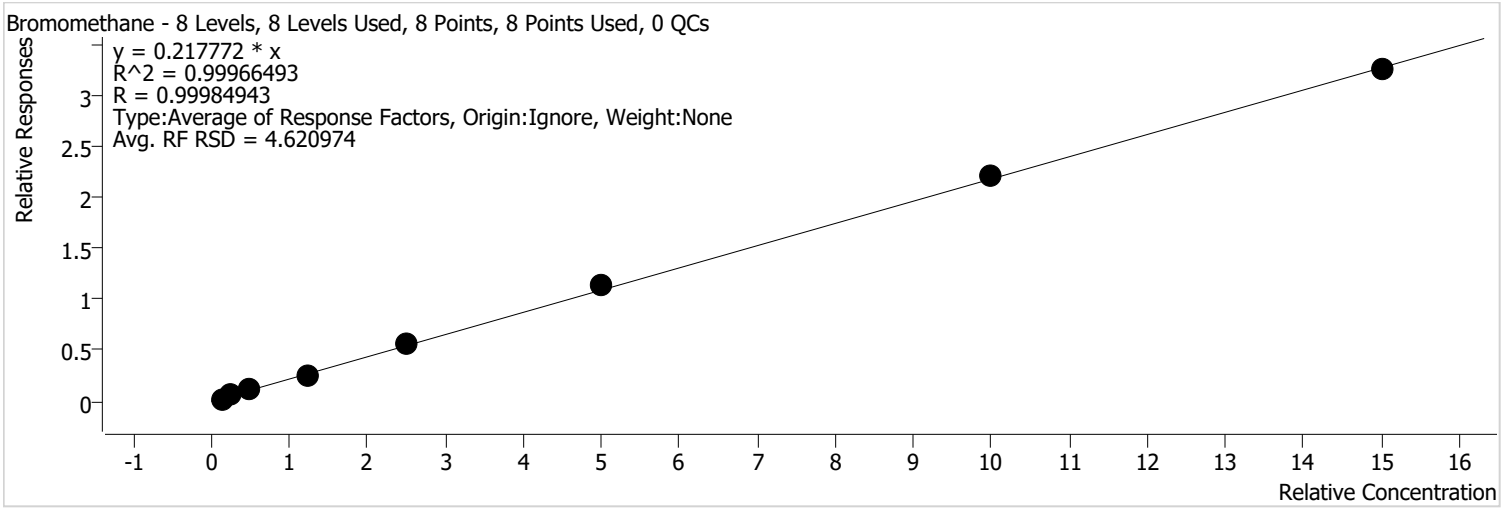
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	66722	2.0000	0.3299	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	157786	5.0000	0.3124	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	320087	10.0000	0.3193	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	683967	20.0000	0.3437	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1339748	40.0000	0.3370	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1969814	60.0000	0.3271	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Bromomethane %RSE = 4.6



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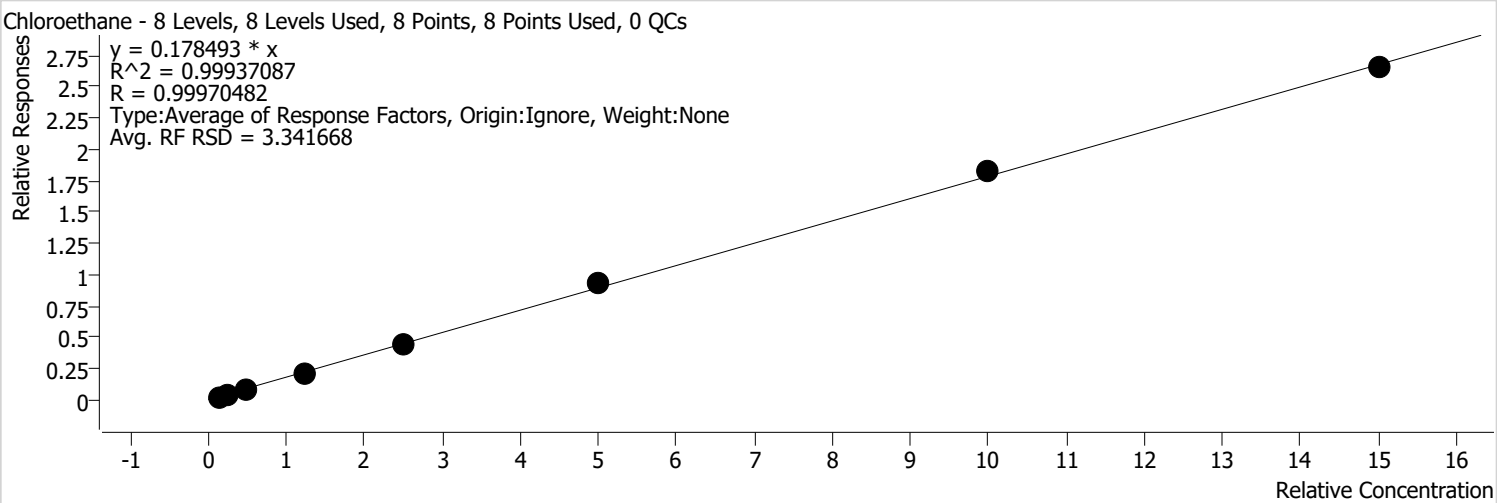
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	104417	5.0000	0.2067	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	224160	10.0000	0.2236	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	451158	20.0000	0.2267	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	874710	40.0000	0.2200	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1303510	60.0000	0.2165	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Chloroethane %RSE = 3.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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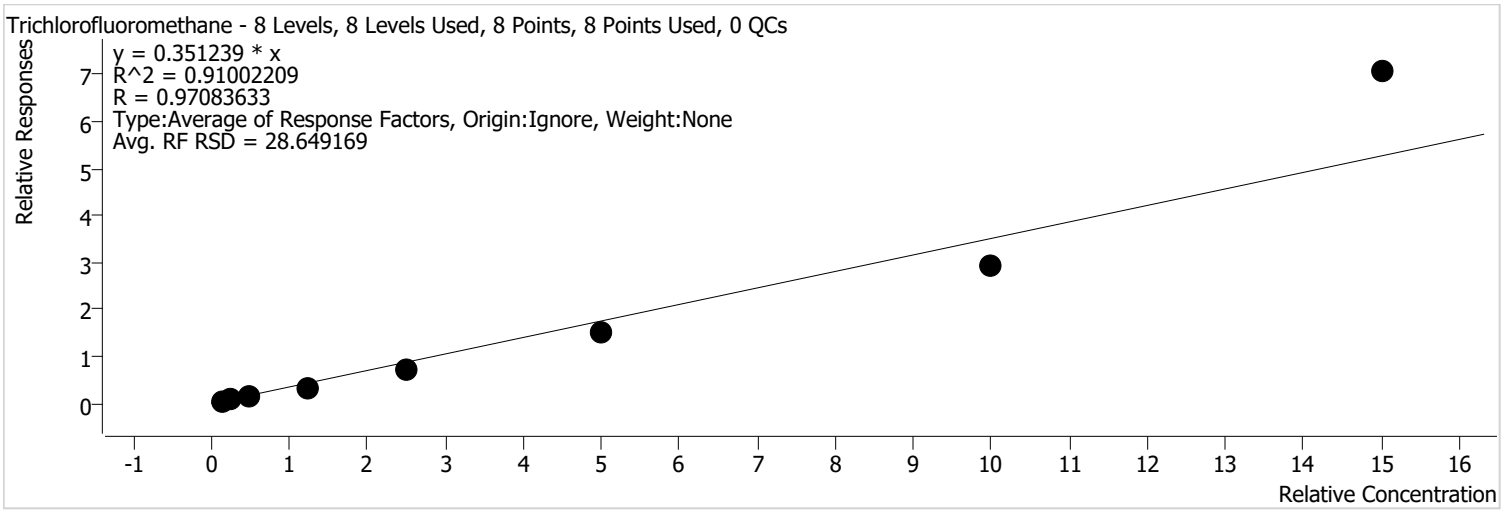
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	85922	5.0000	0.1701	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	178562	10.0000	0.1781	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	373972	20.0000	0.1879	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	723410	40.0000	0.1820	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1064734	60.0000	0.1768	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Trichlorofluoromethane %RSE = 28.6



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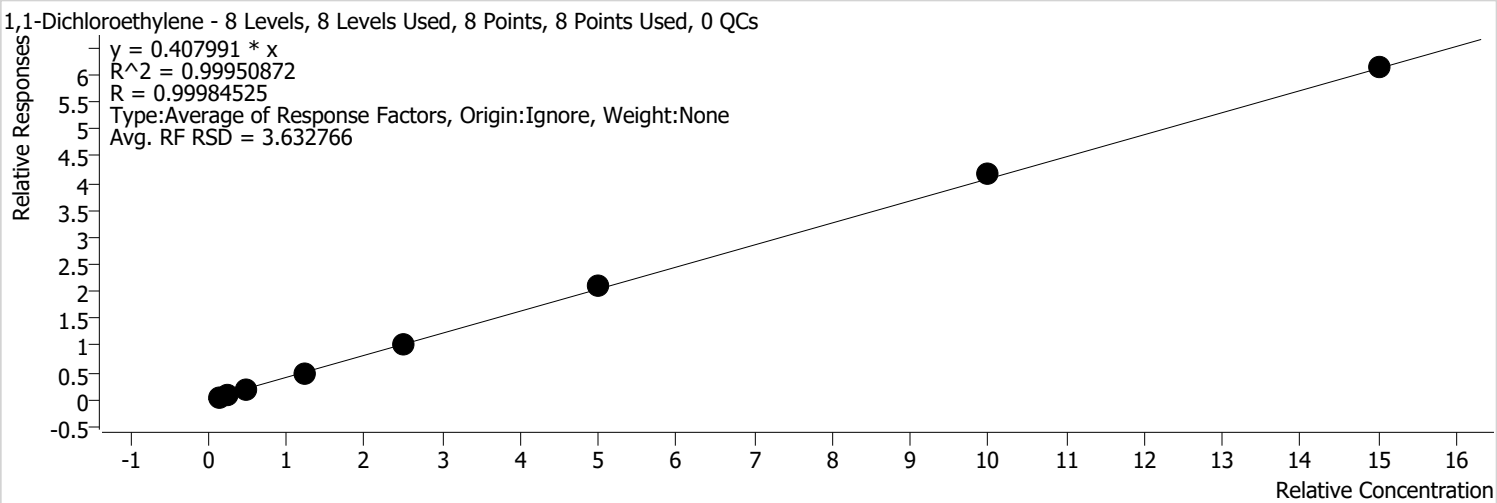
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	126366	5.0000	0.2502	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	283309	10.0000	0.2826	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	597389	20.0000	0.3002	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1162453	40.0000	0.2924	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2833774	60.0000	0.4706	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1-Dichloroethylene %RSE = 3.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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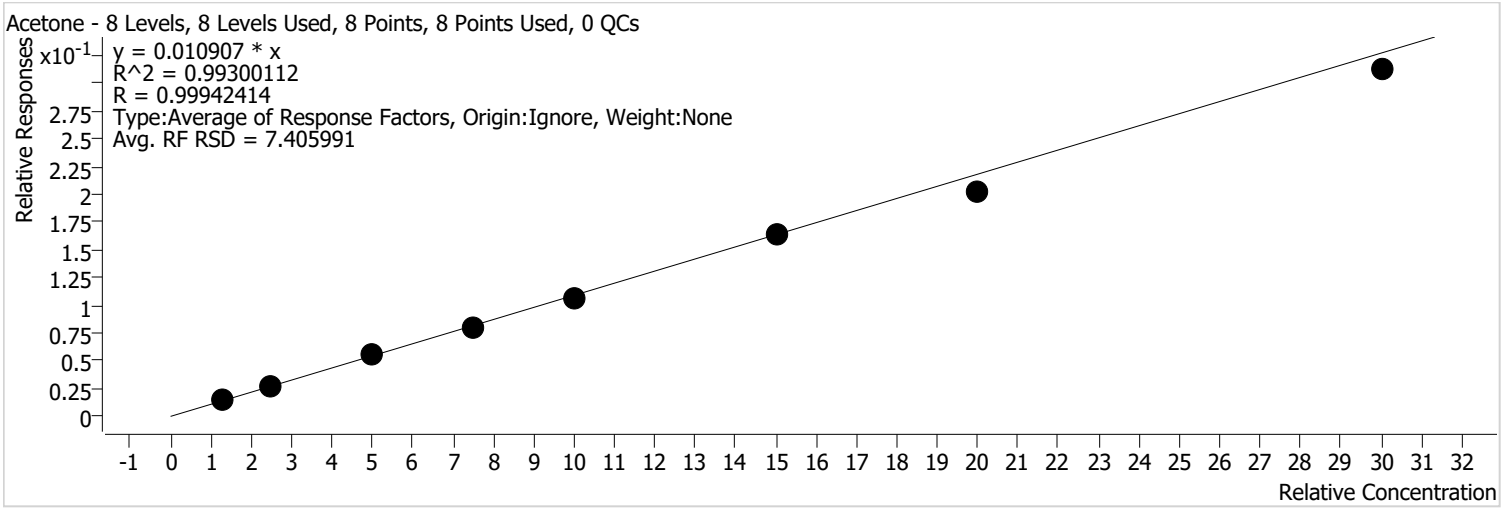
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	81113	2.0000	0.4011	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	194464	5.0000	0.3850	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	405968	10.0000	0.4050	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	846829	20.0000	0.4255	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1658709	40.0000	0.4173	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2462233	60.0000	0.4089	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Acetone %RSE = 7.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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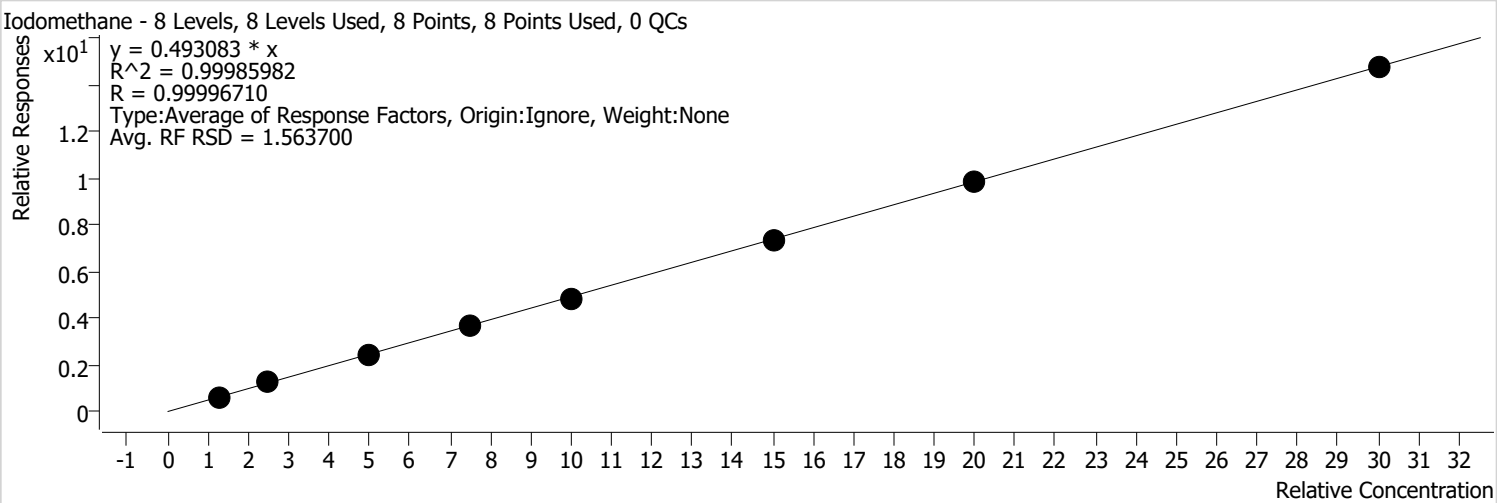
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	22962	20.0000	0.0114	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	31851	30.0000	0.0105	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	42322	40.0000	0.0106	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	64955	60.0000	0.0109	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	80581	80.0000	0.0101	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	125302	120.0000	0.0104	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Iodomethane %RSE = 1.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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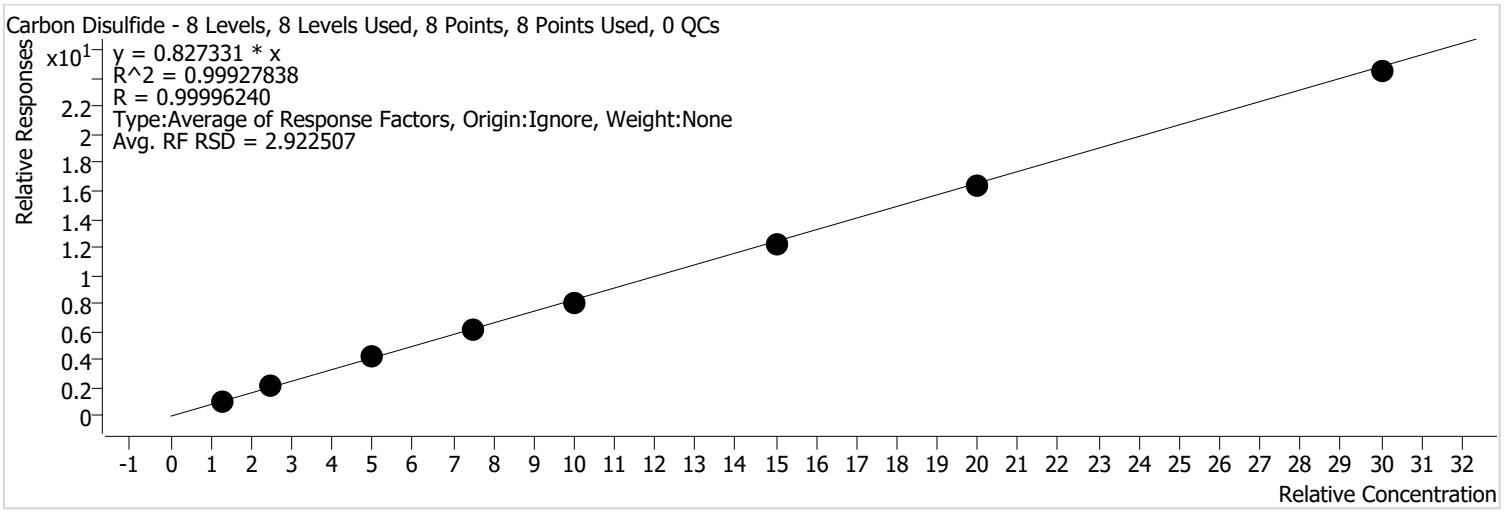
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	1484024	30.0000	0.4897	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1938864	40.0000	0.4835	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2906767	60.0000	0.4868	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	3904924	80.0000	0.4912	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	5920273	120.0000	0.4916	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Carbon Disulfide %RSE = 2.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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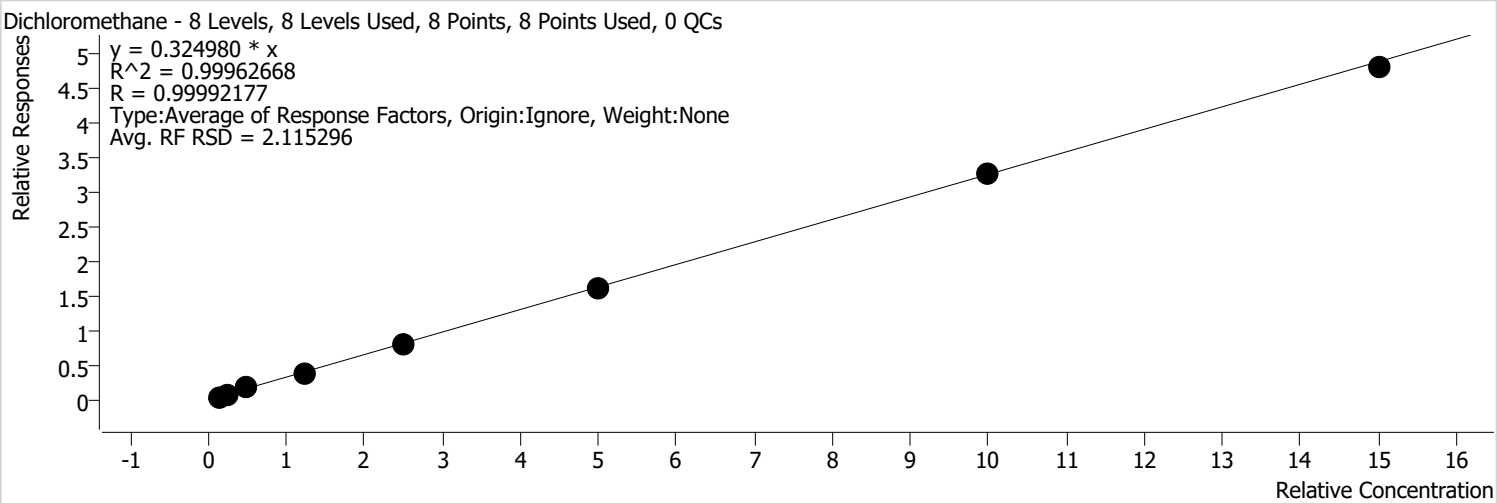
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	1702739	20.0000	0.8420	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	2452362	30.0000	0.8093	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	3225970	40.0000	0.8045	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	4869716	60.0000	0.8156	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	6473883	80.0000	0.8143	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	9813269	120.0000	0.8148	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Dichloromethane %RSE = 2.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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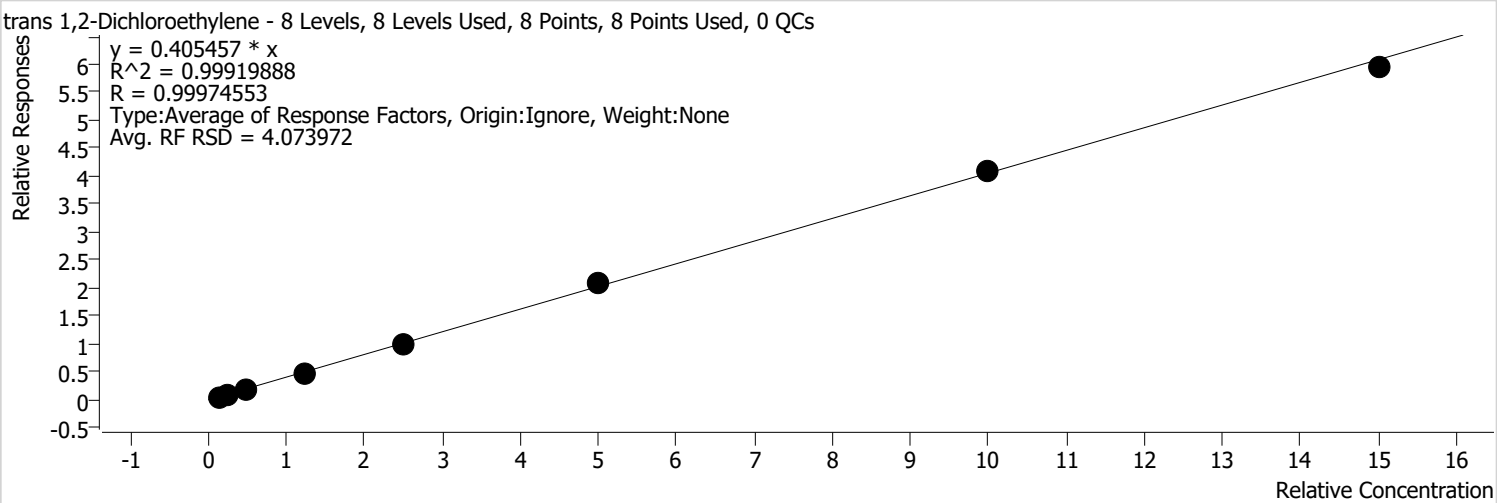
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	66795	2.0000	0.3303	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	157885	5.0000	0.3126	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	323468	10.0000	0.3227	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	646325	20.0000	0.3247	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1295033	40.0000	0.3258	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1921774	60.0000	0.3191	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

trans 1,2-Dichloroethylene %RSE = 4.1



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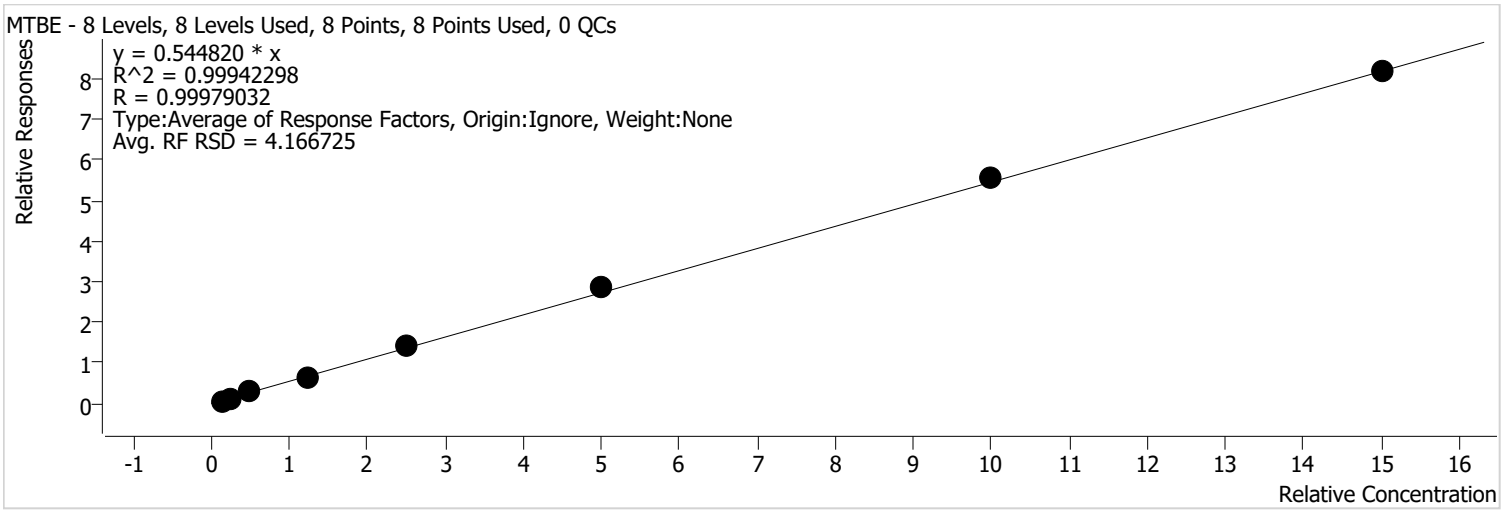
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	82234	2.0000	0.4067	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	193499	5.0000	0.3831	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	396347	10.0000	0.3954	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	831656	20.0000	0.4179	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1618428	40.0000	0.4071	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2383269	60.0000	0.3958	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

MTBE %RSE = 4.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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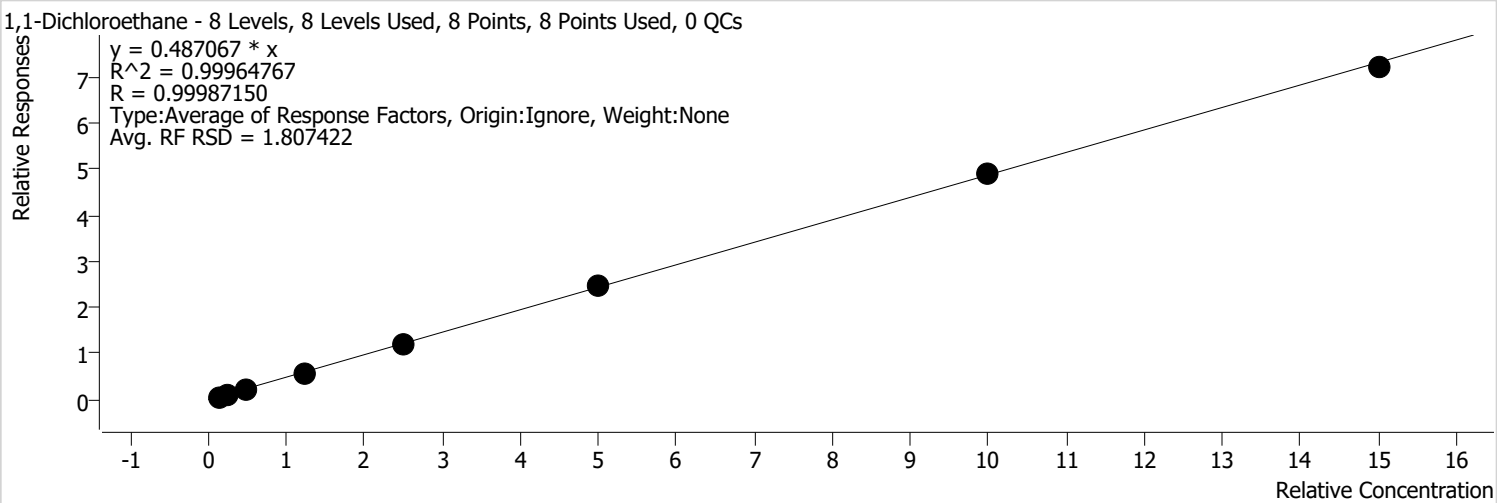
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	111989	2.0000	0.5538	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	261606	5.0000	0.5180	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	572696	10.0000	0.5713	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1142288	20.0000	0.5739	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2203752	40.0000	0.5544	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	3276953	60.0000	0.5442	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1-Dichloroethane %RSE = 1.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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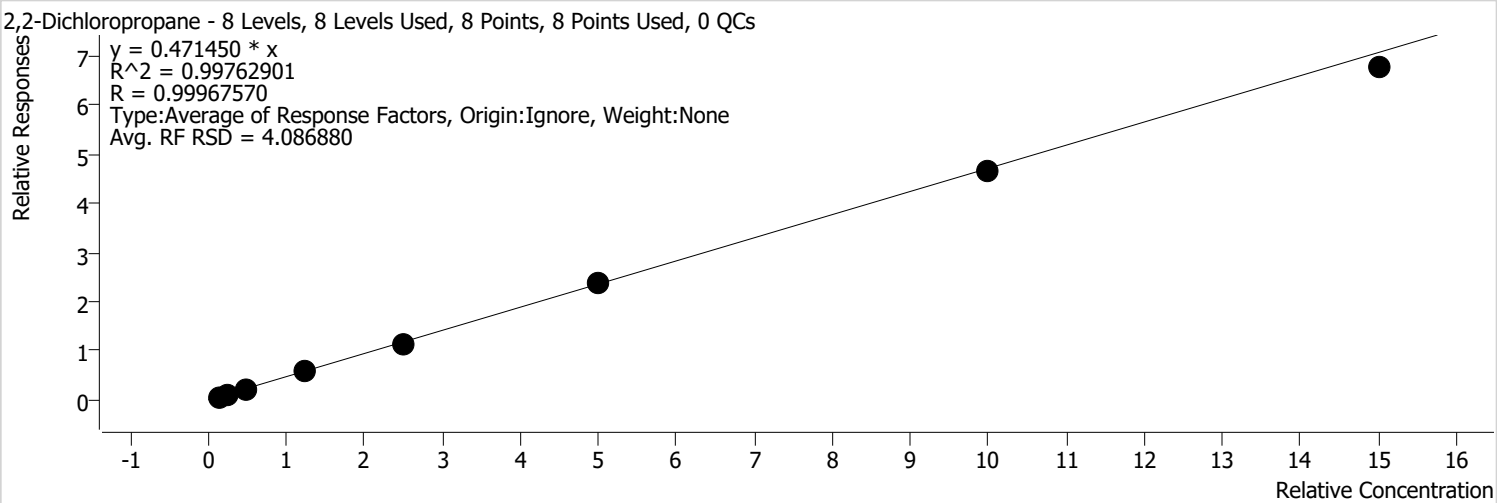
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	238816	5.0000	0.4728	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	482468	10.0000	0.4813	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	987318	20.0000	0.4961	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1950310	40.0000	0.4906	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2886687	60.0000	0.4794	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

2,2-Dichloropropane %RSE = 4.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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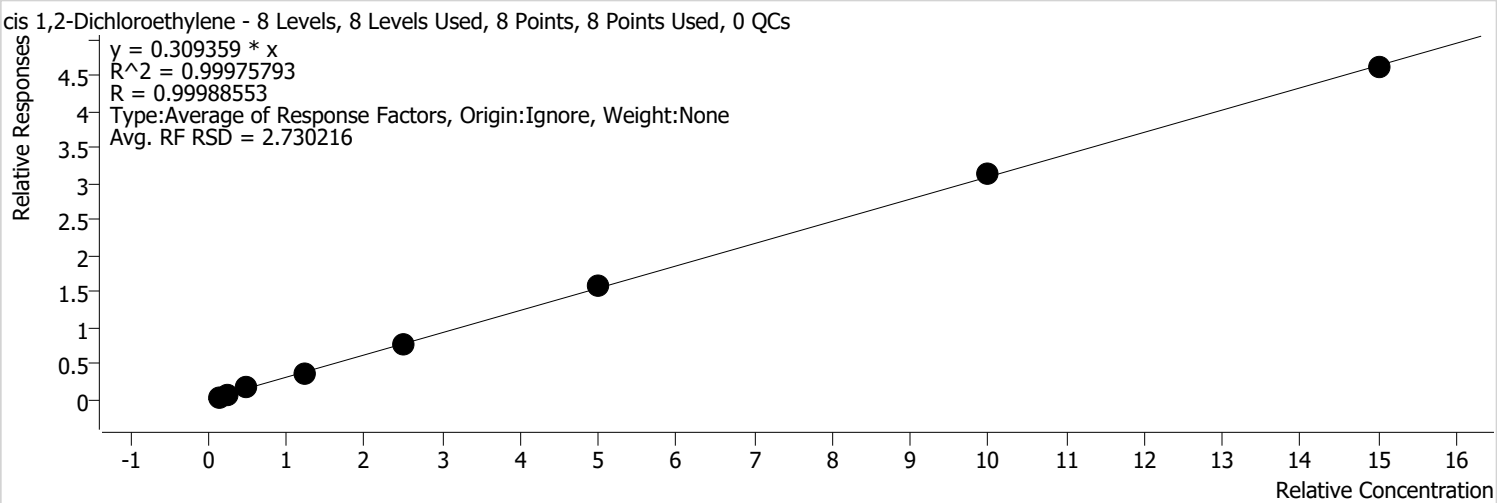
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	227219	5.0000	0.4499	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	461087	10.0000	0.4600	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	955134	20.0000	0.4799	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1854444	40.0000	0.4665	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2714262	60.0000	0.4508	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

cis 1,2-Dichloroethylene %RSE = 2.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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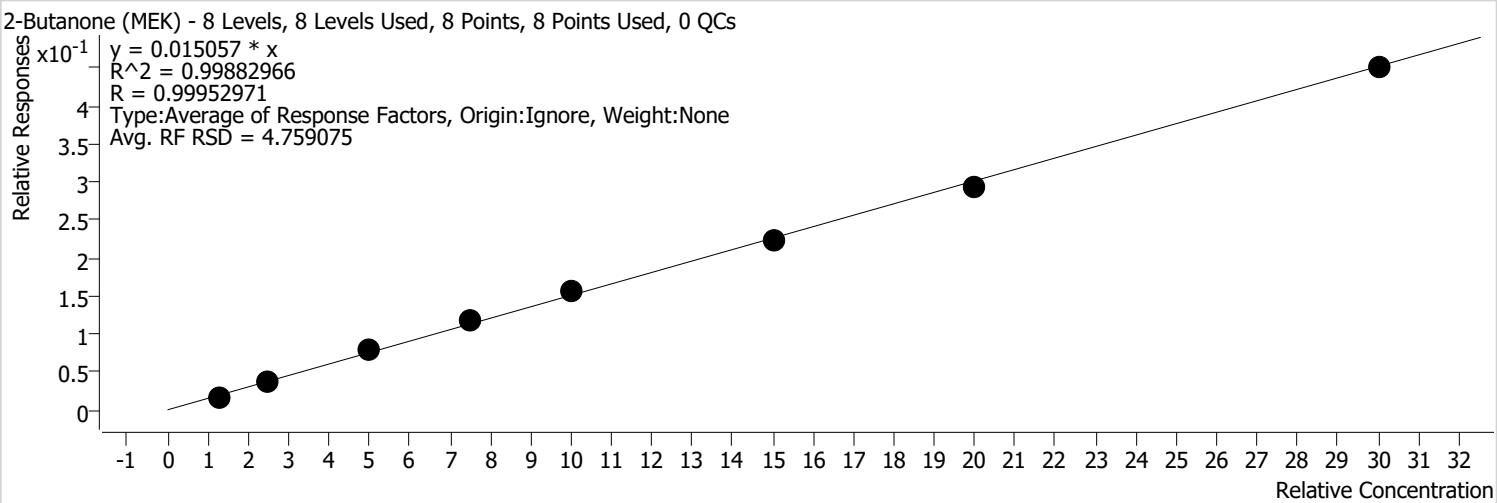
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	64765	2.0000	0.3203	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	149106	5.0000	0.2952	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	313016	10.0000	0.3123	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	631789	20.0000	0.3174	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1246586	40.0000	0.3136	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1850182	60.0000	0.3073	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

2-Butanone (MEK) %RSE = 4.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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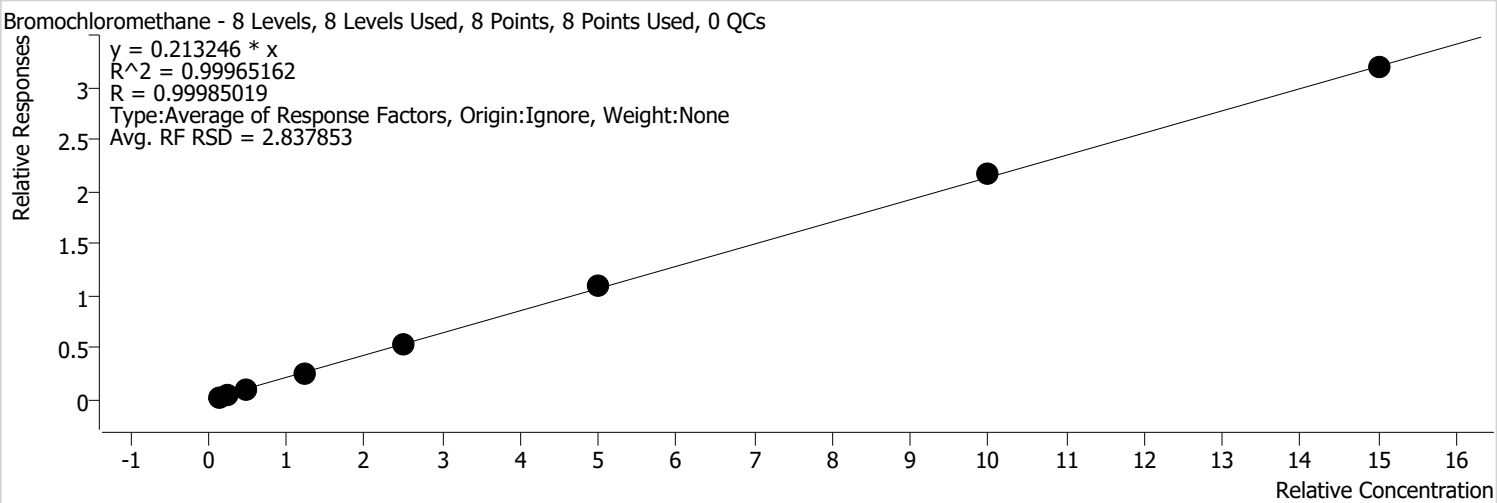
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	48233	30.0000	0.0159	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	62802	40.0000	0.0157	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	89045	60.0000	0.0149	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	116329	80.0000	0.0146	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	180566	120.0000	0.0150	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Bromochloromethane %RSE = 2.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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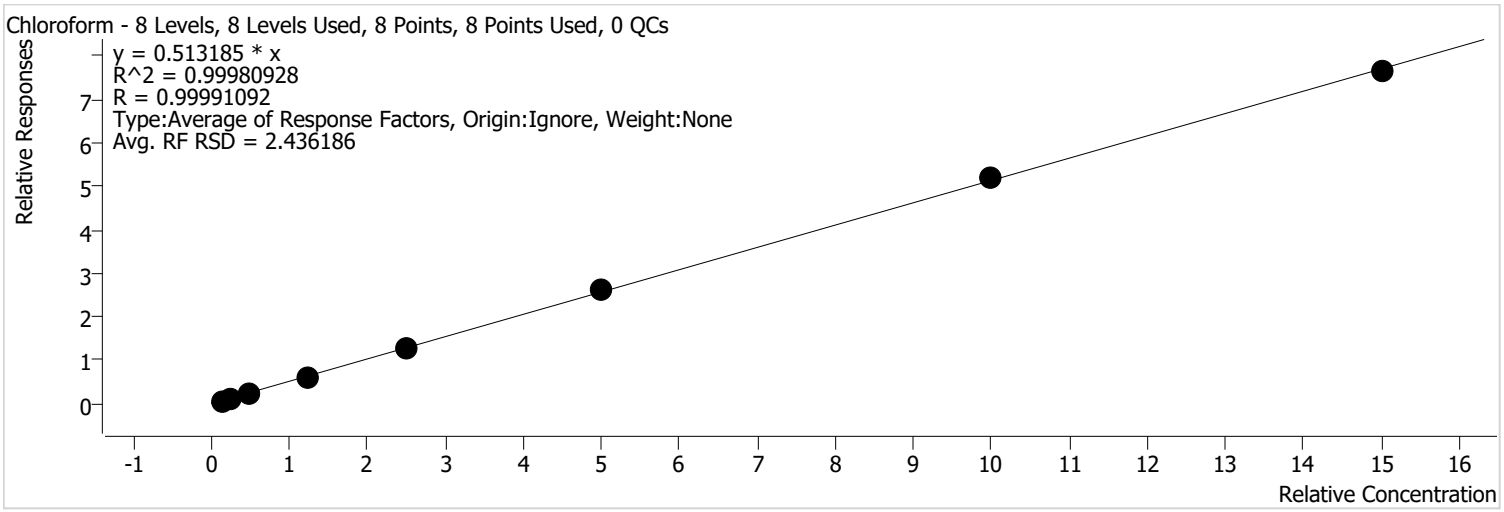
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	43649	2.0000	0.2159	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	103606	5.0000	0.2051	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	214459	10.0000	0.2139	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	439825	20.0000	0.2210	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	863193	40.0000	0.2171	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1278634	60.0000	0.2123	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Chloroform %RSE = 2.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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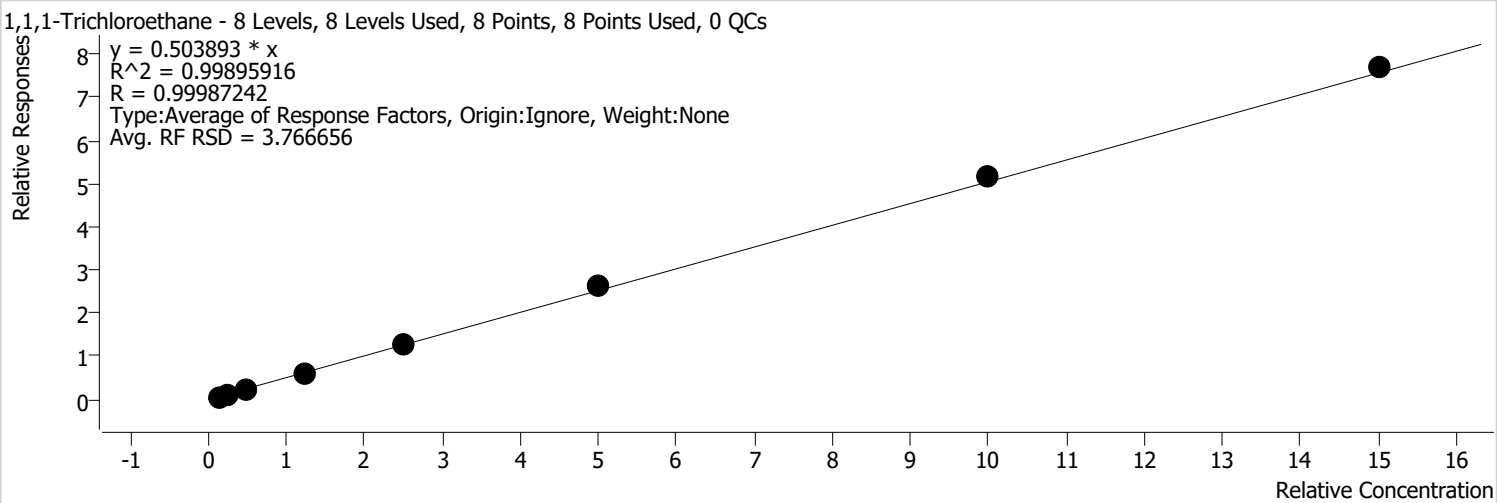
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	245096	5.0000	0.4853	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	514401	10.0000	0.5131	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1044714	20.0000	0.5249	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2054182	40.0000	0.5168	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	3063437	60.0000	0.5087	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1,1-Trichloroethane %RSE = 3.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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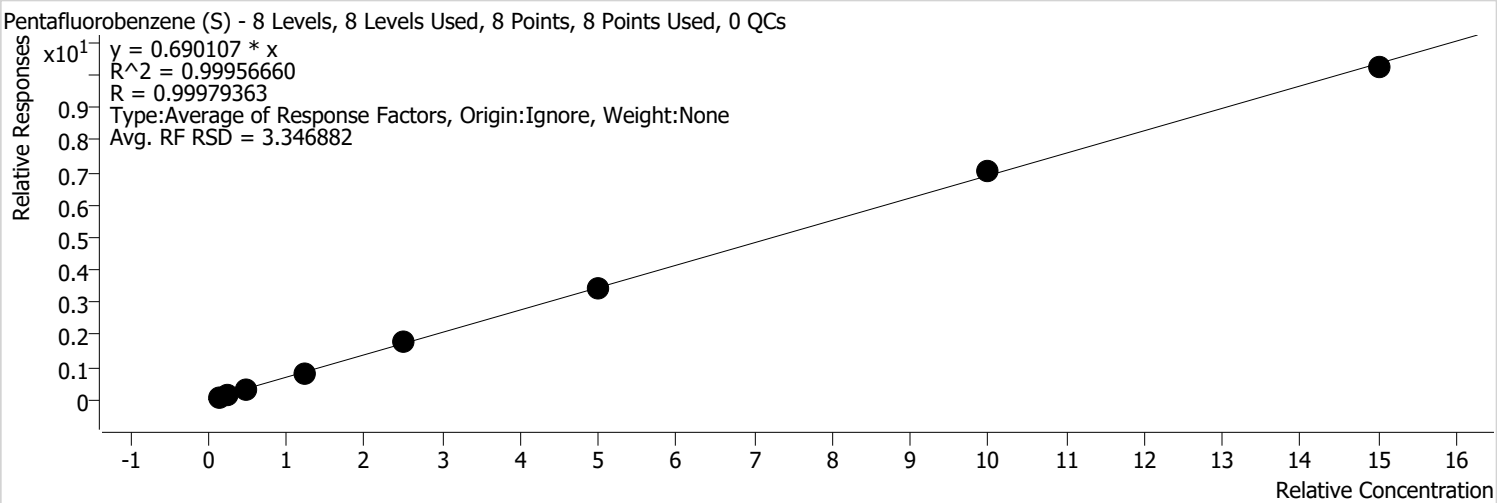
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	55085	1.0000	0.5191	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	98752	2.0000	0.4883	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	242450	5.0000	0.4800	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	499066	10.0000	0.4978	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1056906	20.0000	0.5310	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2063829	40.0000	0.5192	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	3082713	60.0000	0.5119	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Pentafluorobenzene (S) %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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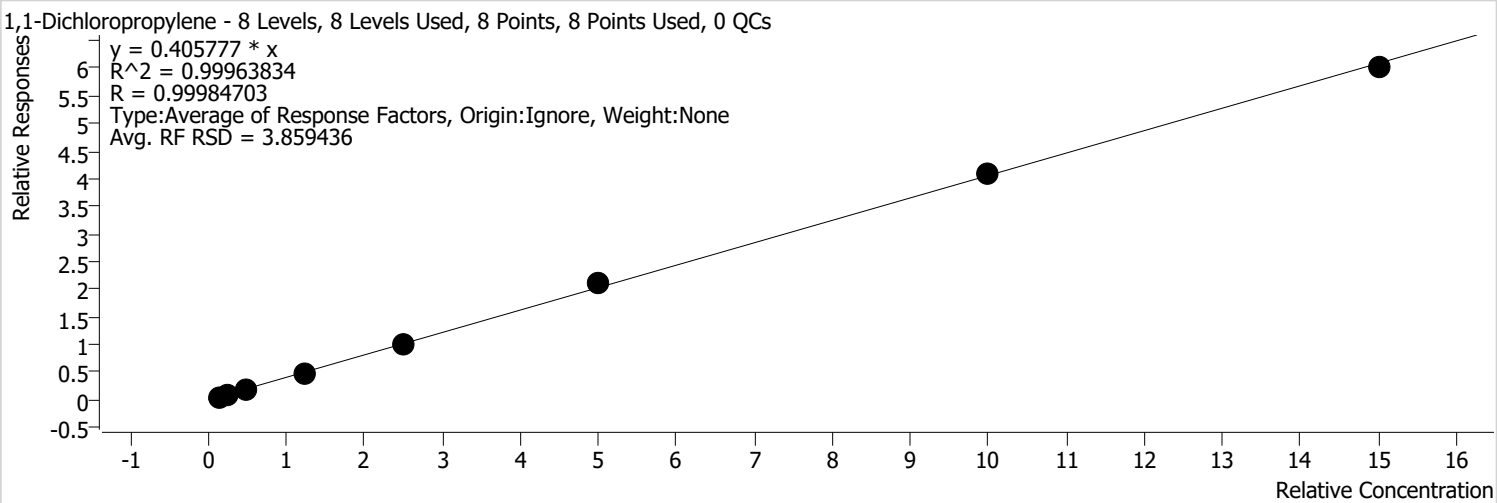
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	134381	2.0000	0.6645	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	329918	5.0000	0.6532	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	721286	10.0000	0.7195	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1365563	20.0000	0.6861	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2795230	40.0000	0.7032	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	4102597	60.0000	0.6813	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1-Dichloropropylene %RSE = 3.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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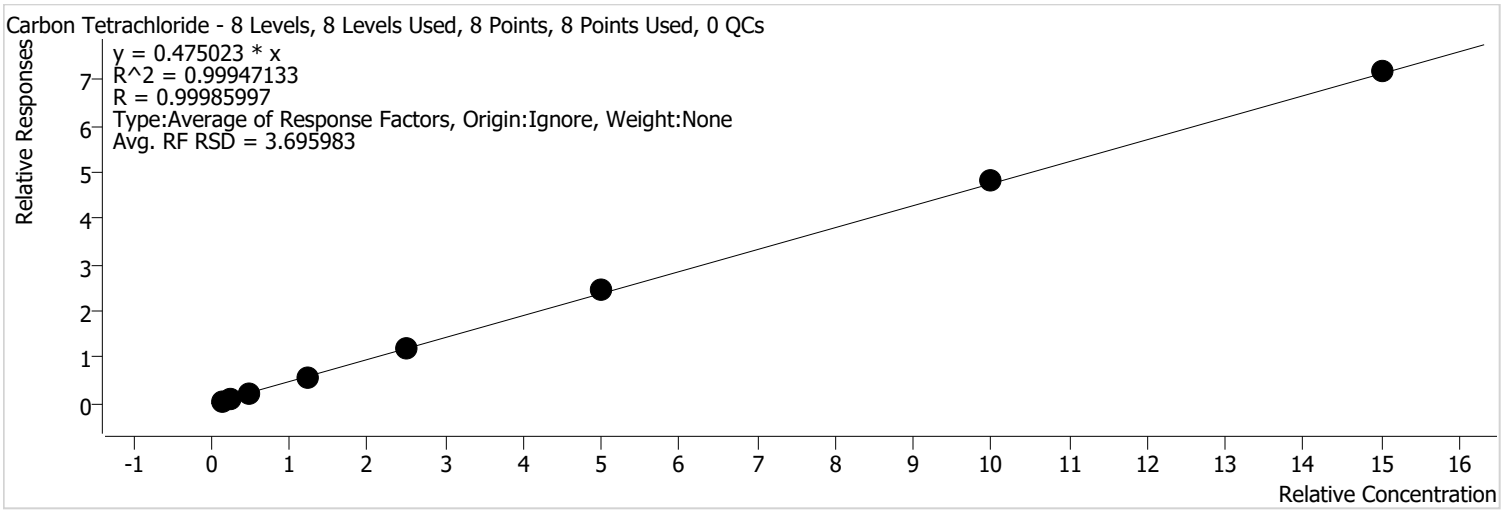
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	80172	2.0000	0.3965	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	193674	5.0000	0.3835	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	401387	10.0000	0.4004	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	833956	20.0000	0.4190	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1620446	40.0000	0.4076	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2411061	60.0000	0.4004	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Carbon Tetrachloride %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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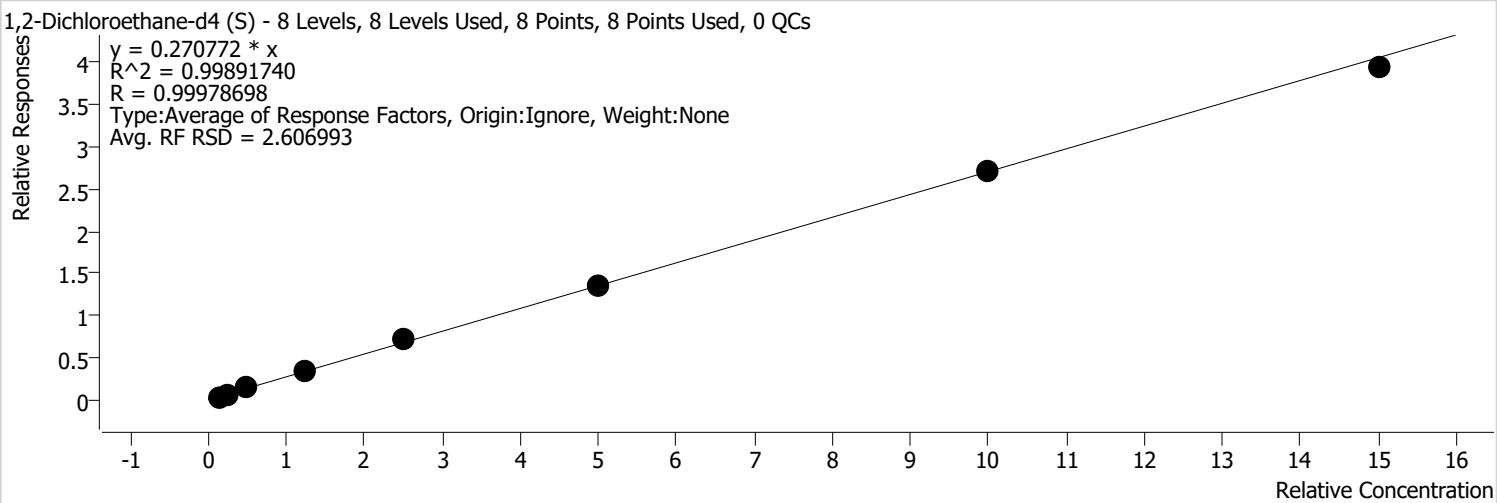
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	52235	1.0000	0.4922	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	93403	2.0000	0.4619	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	223451	5.0000	0.4424	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	469060	10.0000	0.4679	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	988402	20.0000	0.4966	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1928117	40.0000	0.4850	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2877130	60.0000	0.4778	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dichloroethane-d4 (S) %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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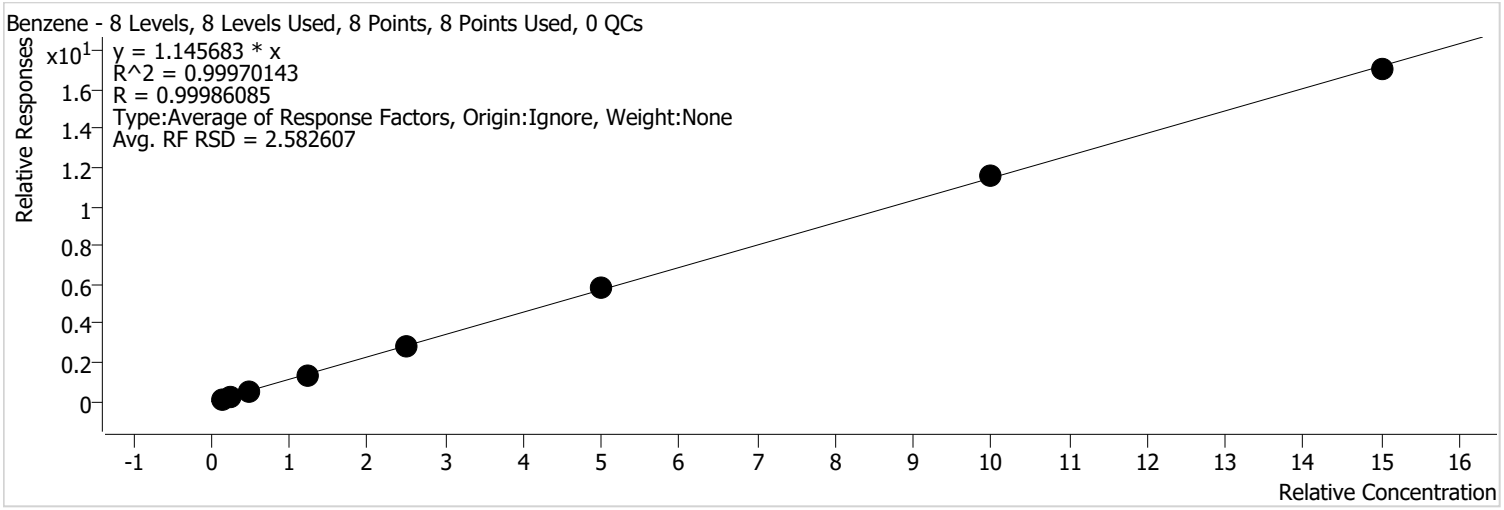
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	55748	2.0000	0.2757	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	132159	5.0000	0.2617	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	284345	10.0000	0.2837	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	535198	20.0000	0.2689	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1077476	40.0000	0.2711	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1582124	60.0000	0.2627	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Benzene %RSE = 2.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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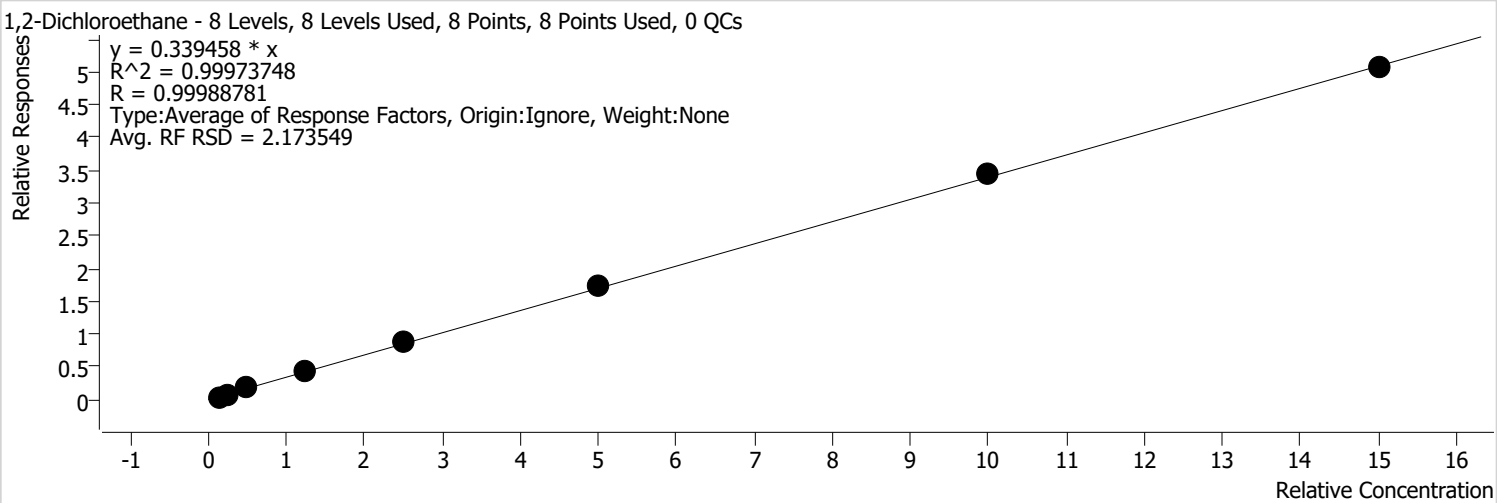
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	119731	1.0000	1.1282	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	231857	2.0000	1.1466	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	550545	5.0000	1.0900	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1152363	10.0000	1.1496	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2344655	20.0000	1.1781	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	4600771	40.0000	1.1574	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	6822677	60.0000	1.1330	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dichloroethane %RSE = 2.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040807.d	Calibration	0.5	x	17166	0.5000	0.3280	
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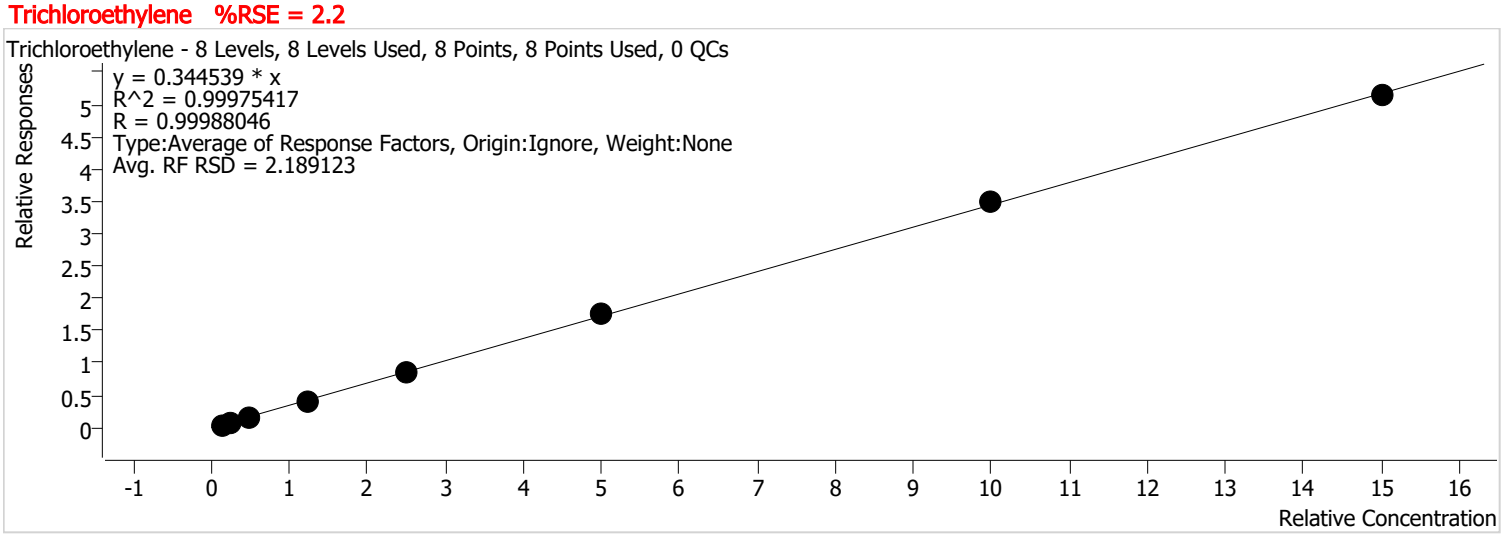
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	69452	2.0000	0.3434	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	168424	5.0000	0.3335	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	347019	10.0000	0.3462	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	693256	20.0000	0.3483	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1372317	40.0000	0.3452	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2033651	60.0000	0.3377	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Trichloroethylene %RSE = 2.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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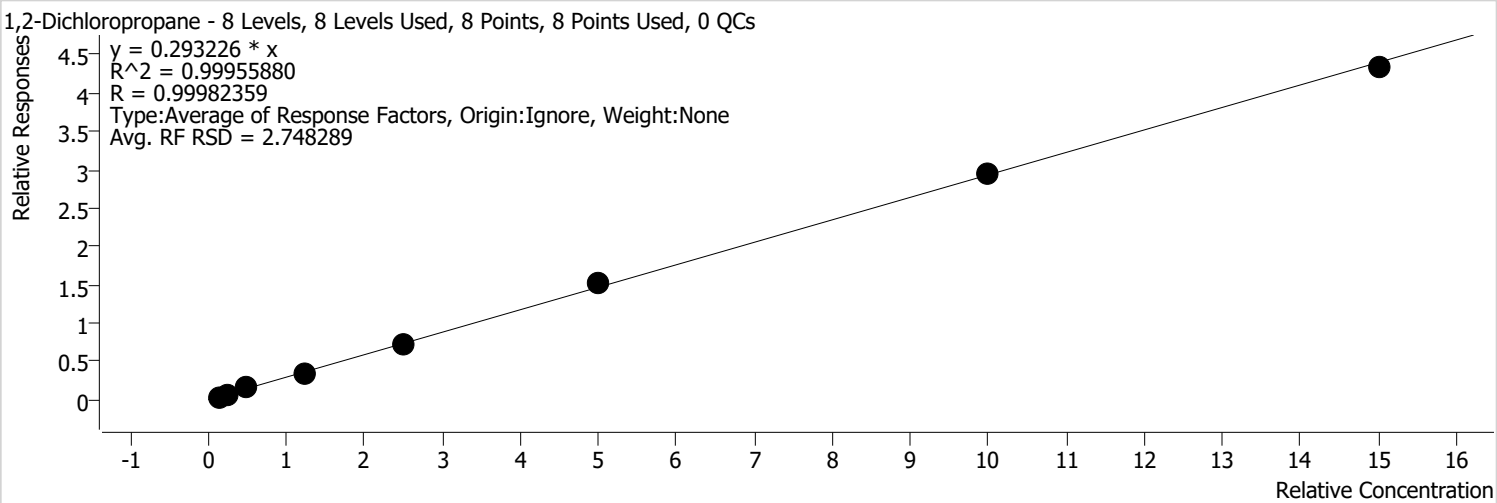
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	37055	1.0000	0.3492	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	70037	2.0000	0.3463	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	166436	5.0000	0.3295	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	343041	10.0000	0.3422	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	707667	20.0000	0.3556	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1384207	40.0000	0.3482	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2060296	60.0000	0.3422	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dichloropropane %RSE = 2.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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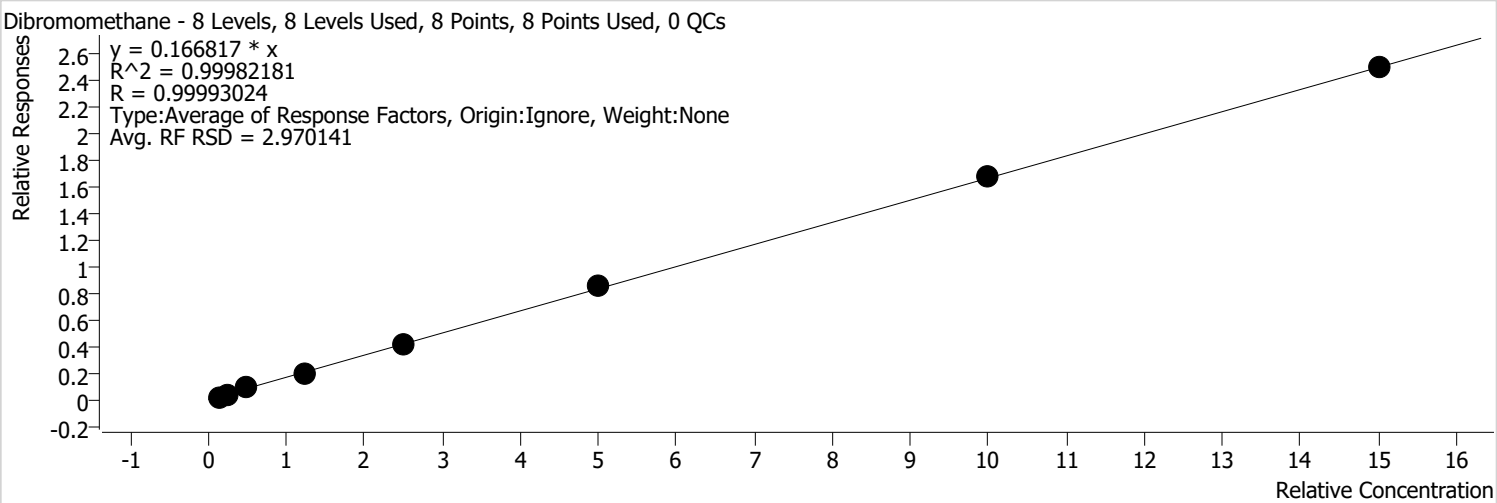
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	59939	2.0000	0.2964	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	139914	5.0000	0.2770	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	292344	10.0000	0.2916	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	602360	20.0000	0.3027	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1172407	40.0000	0.2949	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1737834	60.0000	0.2886	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Dibromomethane %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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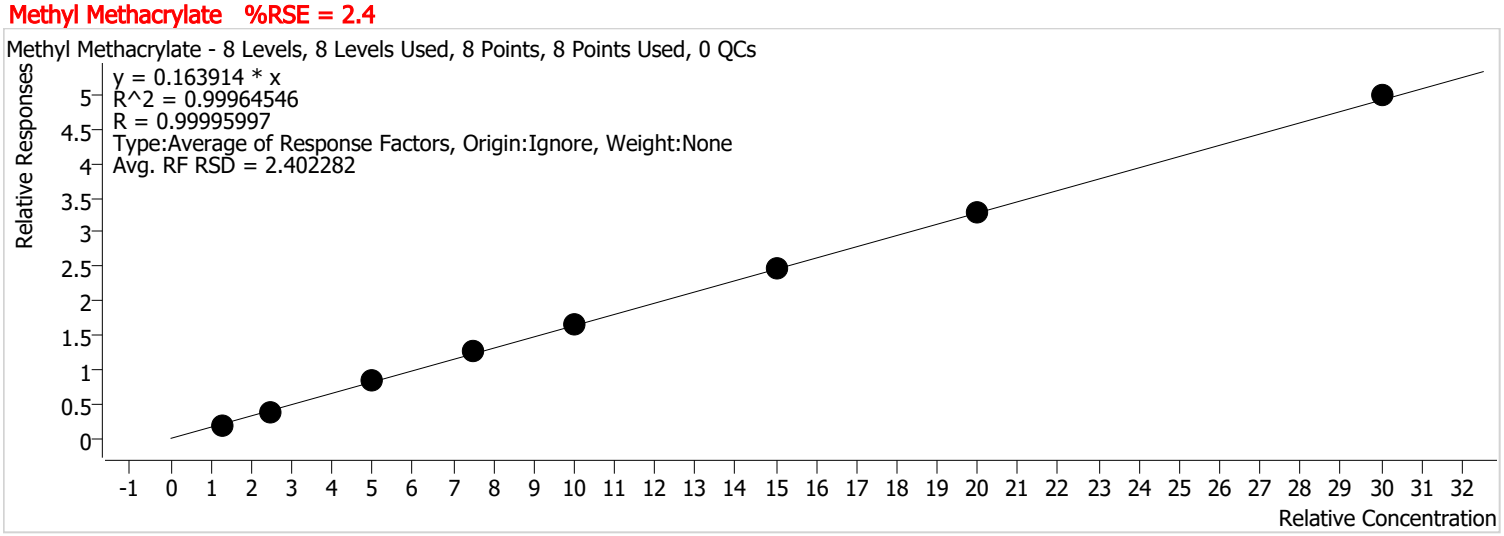
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	82330	5.0000	0.1630	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	170447	10.0000	0.1700	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	343143	20.0000	0.1724	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	667896	40.0000	0.1680	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1003300	60.0000	0.1666	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Methyl Methacrylate %RSE = 2.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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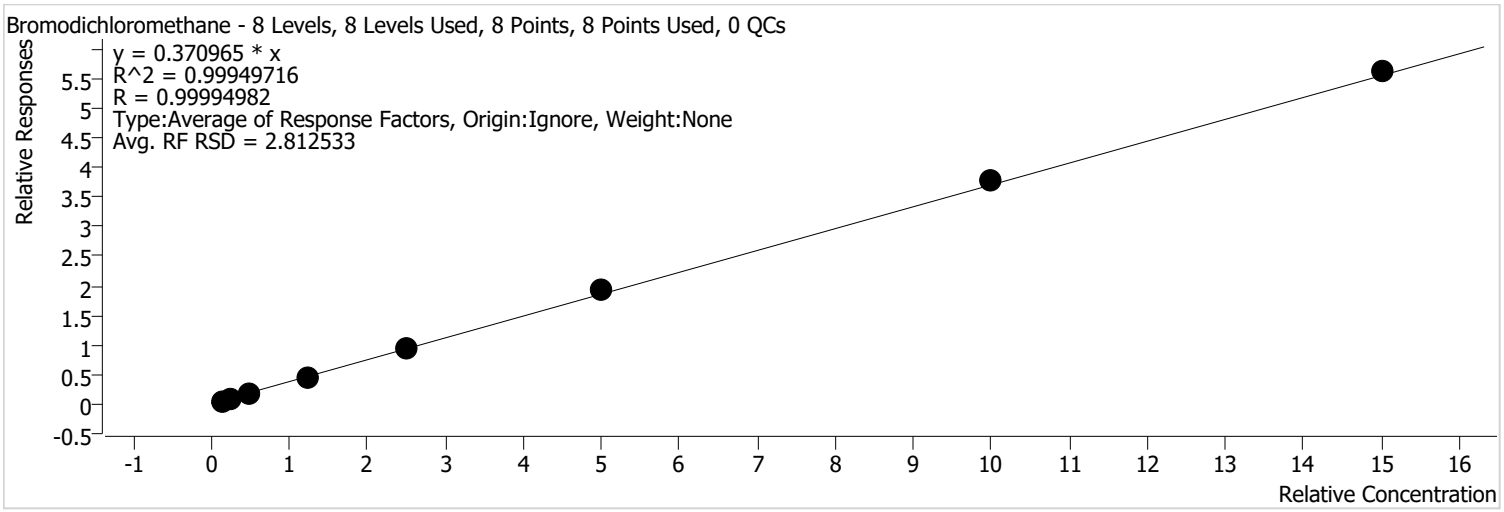
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	166285	10.0000	0.1567	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	335621	20.0000	0.1660	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	509698	30.0000	0.1682	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	661860	40.0000	0.1651	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	990389	60.0000	0.1659	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1307759	80.0000	0.1645	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1999273	120.0000	0.1660	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Bromodichloromethane %RSE = 2.8



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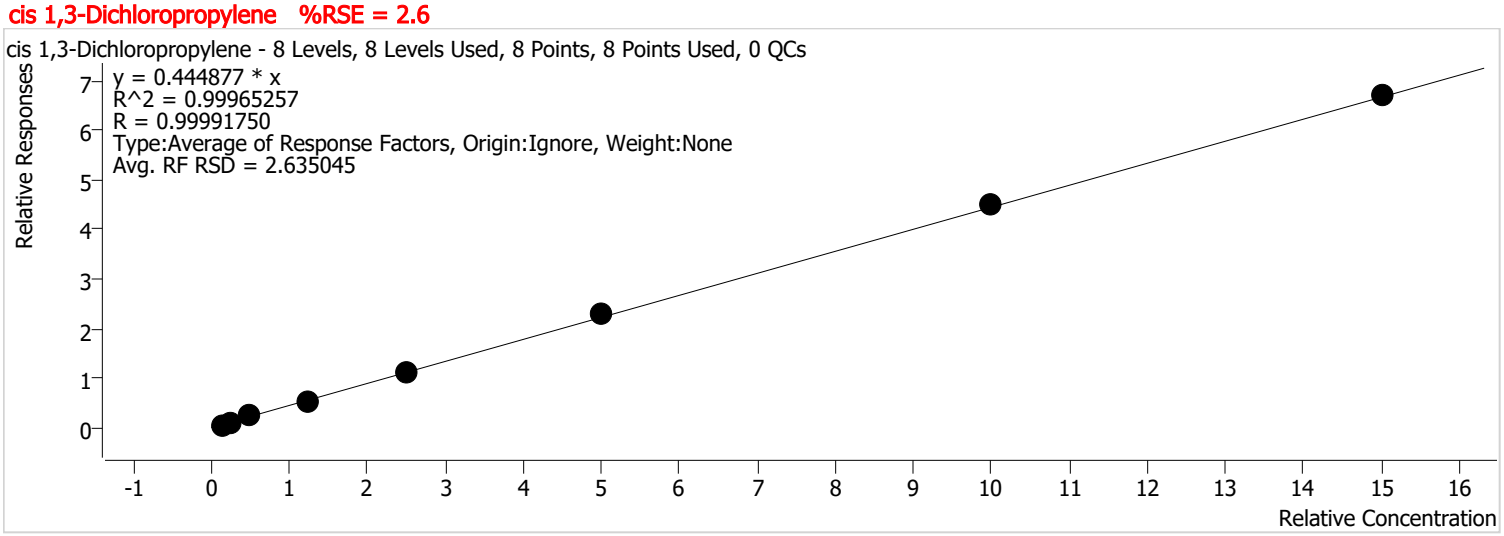
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	76305	2.0000	0.3773	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	179065	5.0000	0.3545	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	374690	10.0000	0.3738	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	764267	20.0000	0.3840	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1505070	40.0000	0.3786	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2260025	60.0000	0.3753	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

cis 1,3-Dichloropropylene %RSE = 2.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	91355	2.0000	0.4518	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	214755	5.0000	0.4252	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	451677	10.0000	0.4506	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	916522	20.0000	0.4605	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1801376	40.0000	0.4532	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2690198	60.0000	0.4468	

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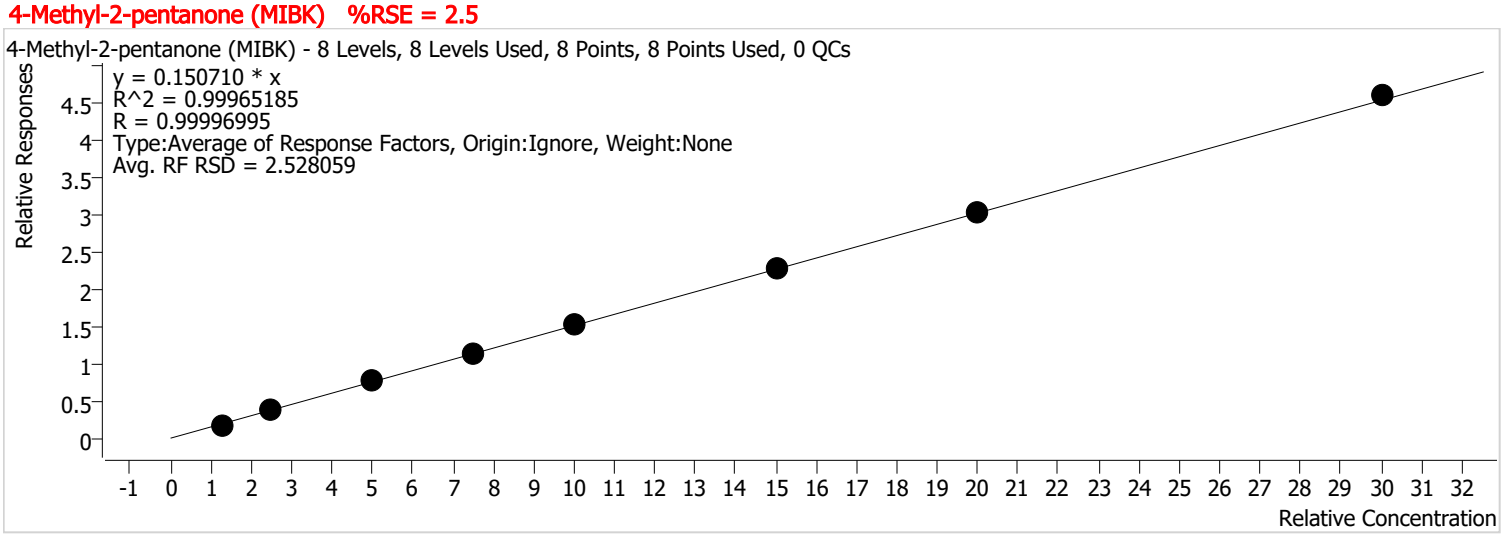
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

4-Methyl-2-pentanone (MIBK) %RSE = 2.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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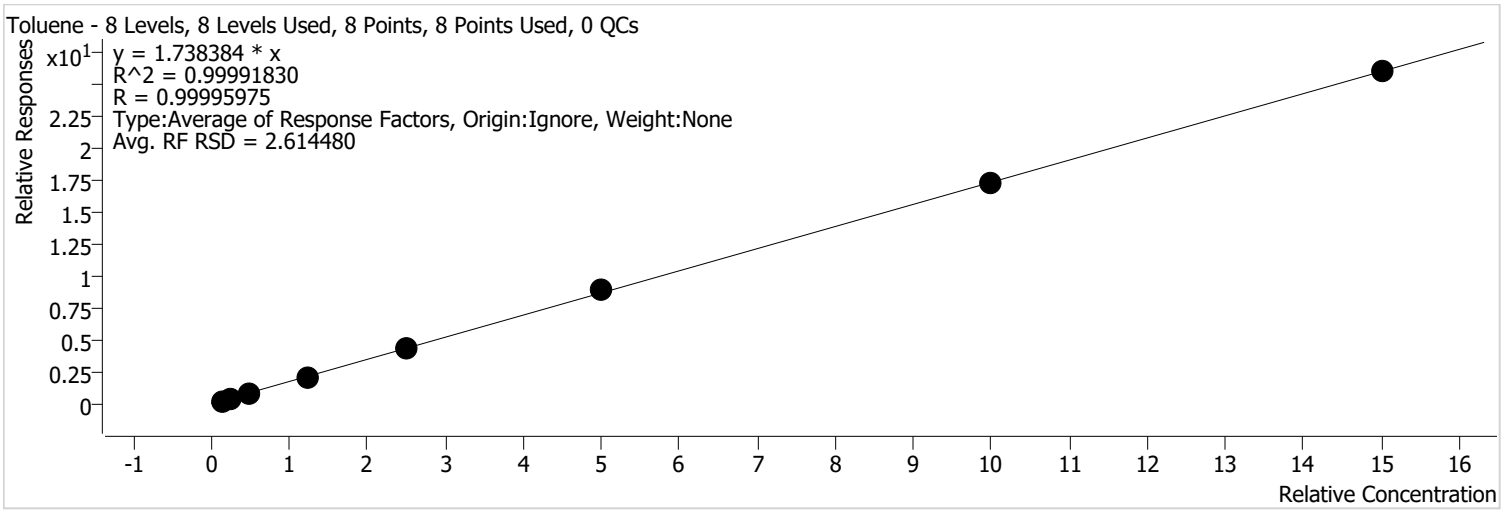
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	314085	20.0000	0.1553	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	462666	30.0000	0.1527	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	606935	40.0000	0.1514	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	907895	60.0000	0.1521	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1204687	80.0000	0.1515	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1839785	120.0000	0.1528	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Toluene %RSE = 2.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	622937	5.0000	1.6530	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1306793	10.0000	1.7279	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2678789	20.0000	1.7737	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5269758	40.0000	1.7298	
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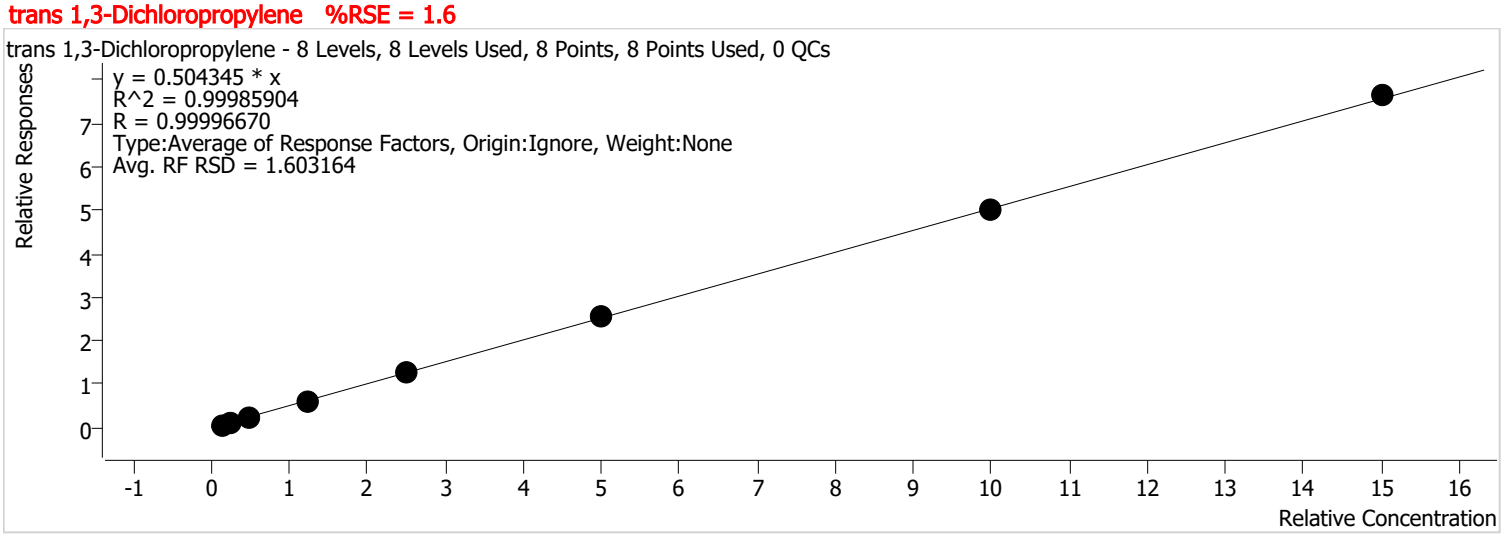
Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

trans 1,3-Dichloropropylene %RSE = 1.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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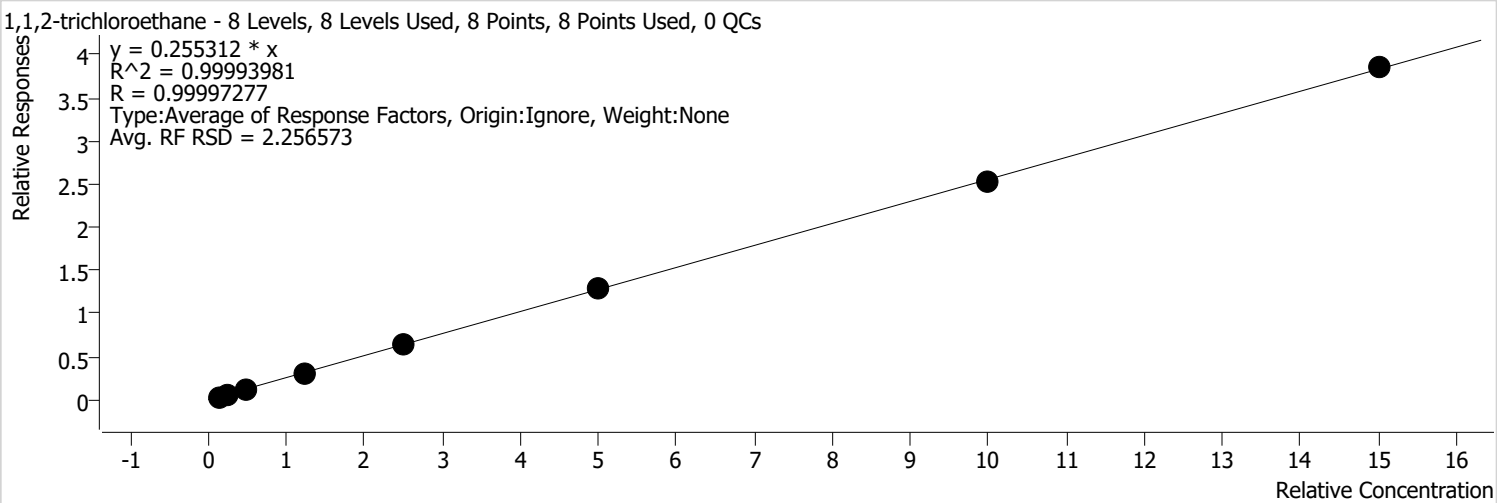
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	76120	2.0000	0.4959	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	184201	5.0000	0.4888	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	385410	10.0000	0.5096	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	774121	20.0000	0.5126	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1533083	40.0000	0.5032	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2277963	60.0000	0.5091	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1,2-trichloroethane %RSE = 2.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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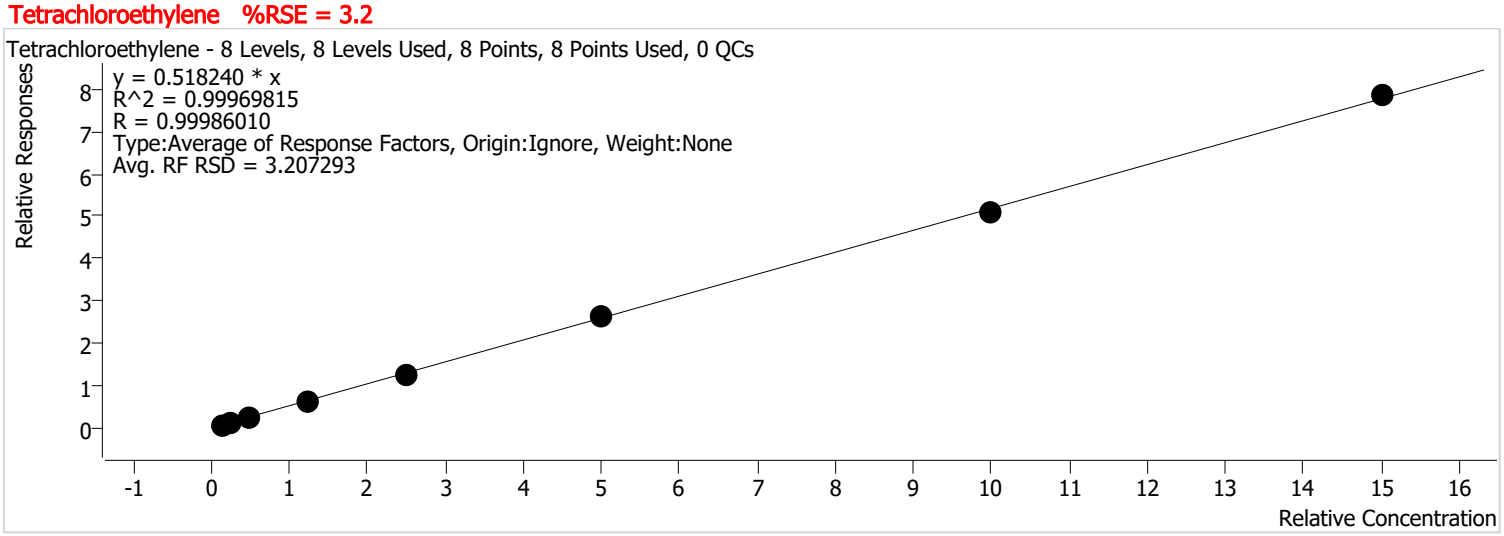
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	95022	5.0000	0.2522	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	195118	10.0000	0.2580	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	389813	20.0000	0.2581	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	772791	40.0000	0.2537	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1147258	60.0000	0.2564	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Tetrachloroethylene %RSE = 3.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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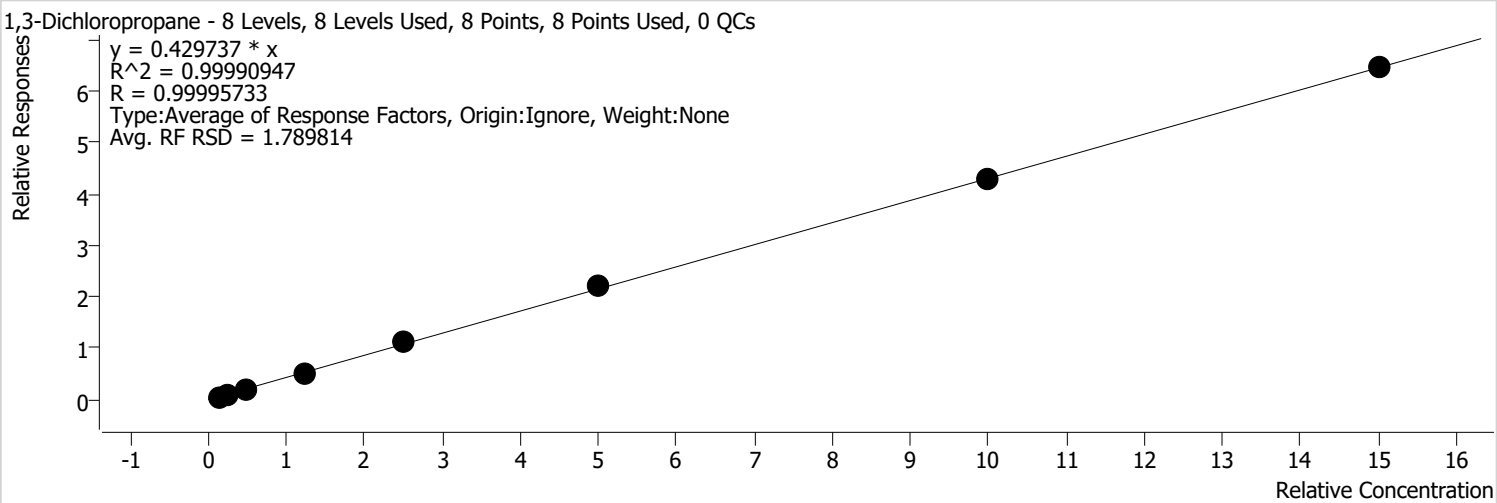
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	184551	5.0000	0.4897	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	382544	10.0000	0.5058	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	801182	20.0000	0.5305	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1555189	40.0000	0.5105	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2339794	60.0000	0.5230	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,3-Dichloropropane %RSE = 1.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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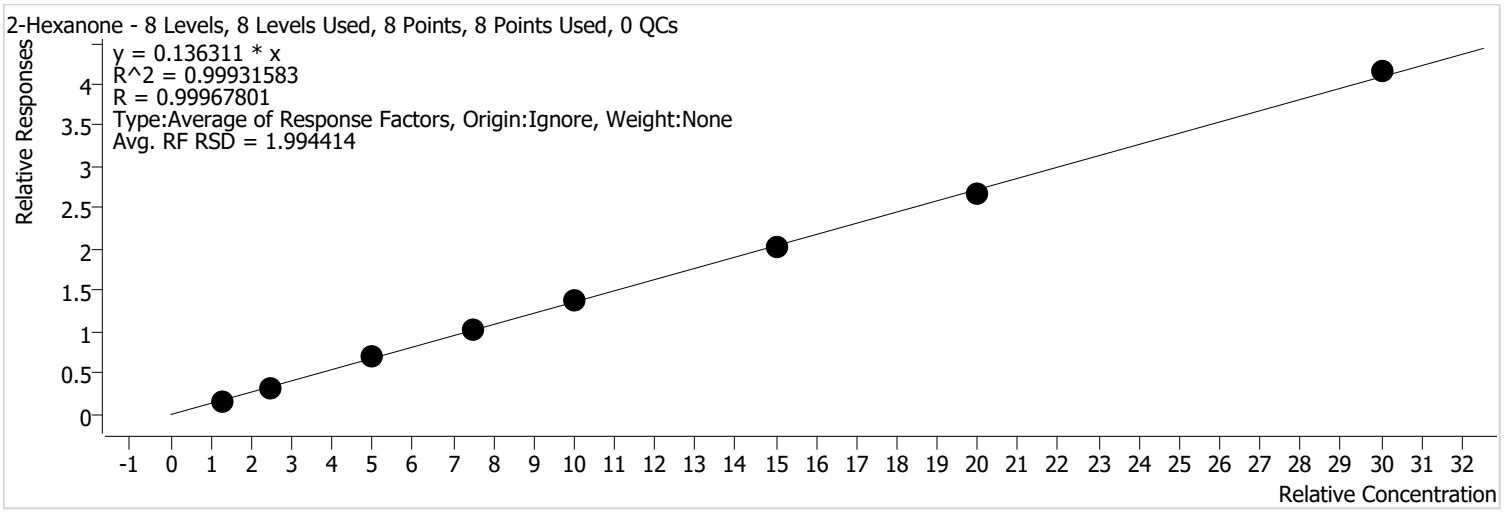
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	64935	2.0000	0.4230	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	159218	5.0000	0.4225	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	333059	10.0000	0.4404	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	662645	20.0000	0.4388	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1301541	40.0000	0.4272	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1922449	60.0000	0.4297	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

2-Hexanone %RSE = 2.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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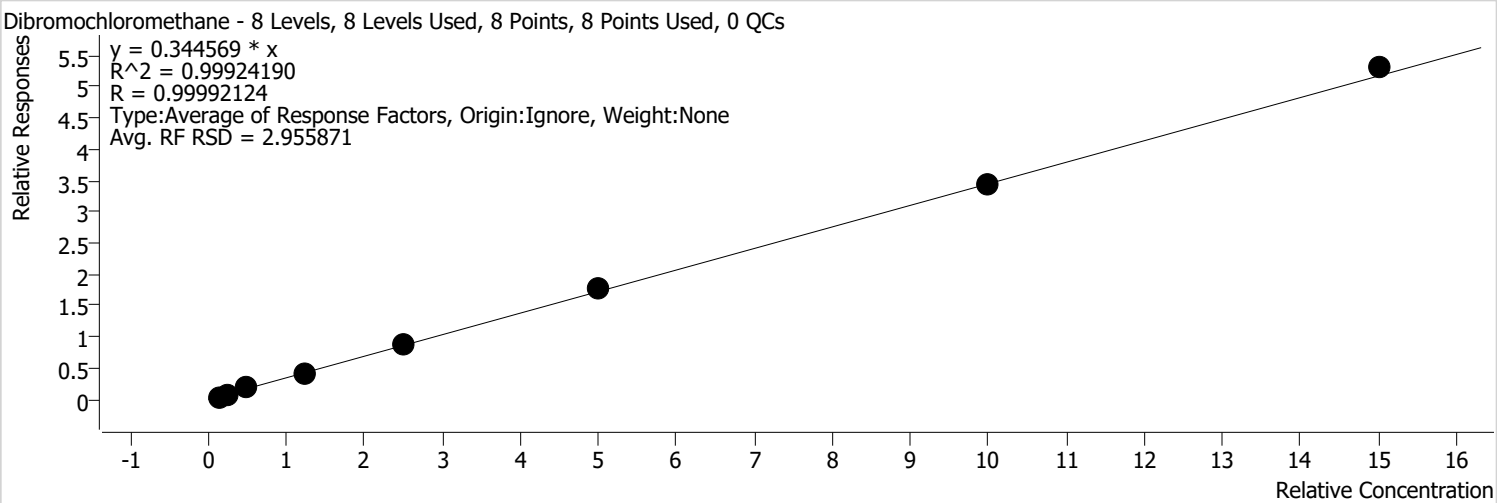
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	313702	30.0000	0.1387	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	420627	40.0000	0.1390	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	610924	60.0000	0.1348	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	813814	80.0000	0.1336	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1238139	120.0000	0.1384	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Dibromochloromethane %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	26254	1.0000	0.3332	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	54870	2.0000	0.3574	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	125610	5.0000	0.3333	
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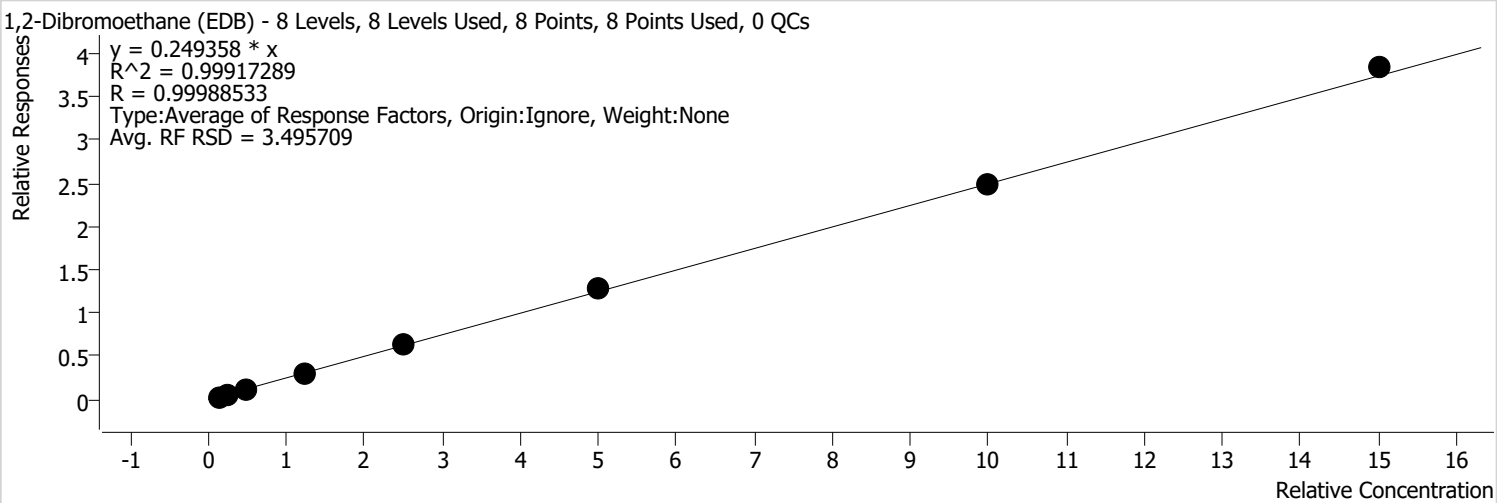
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1053974	40.0000	0.3460	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1580928	60.0000	0.3534	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dibromoethane (EDB) %RSE = 3.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	37549	2.0000	0.2446	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	93325	5.0000	0.2476	
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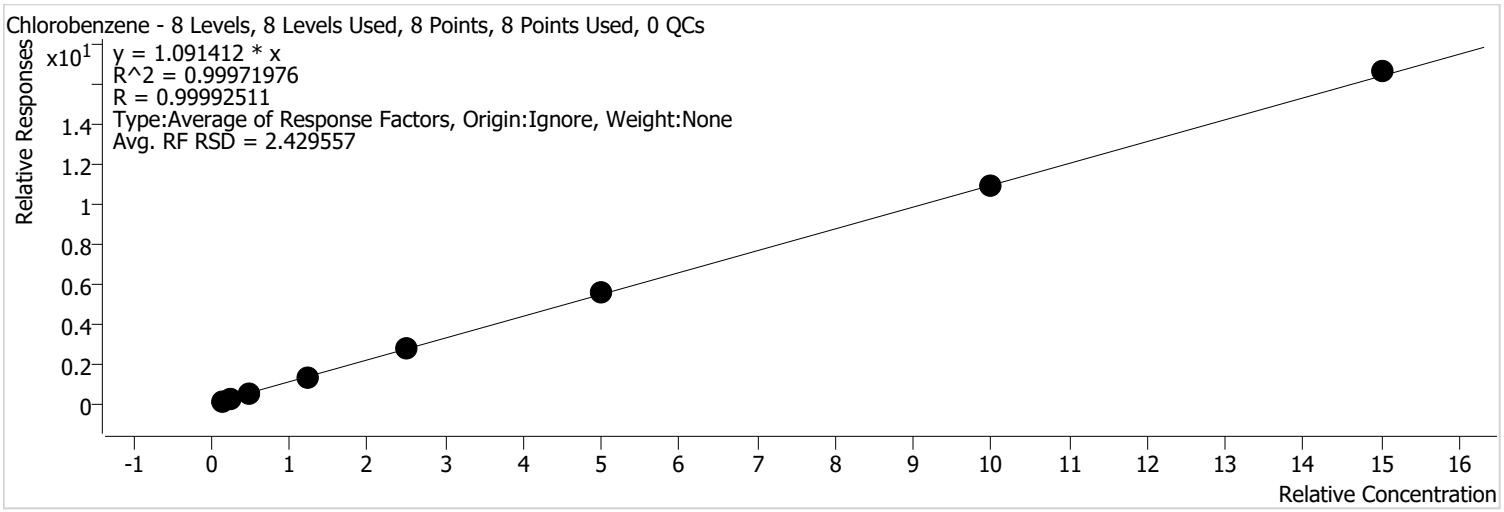
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	388044	20.0000	0.2569	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	760283	40.0000	0.2496	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1144037	60.0000	0.2557	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Chlorobenzene %RSE = 2.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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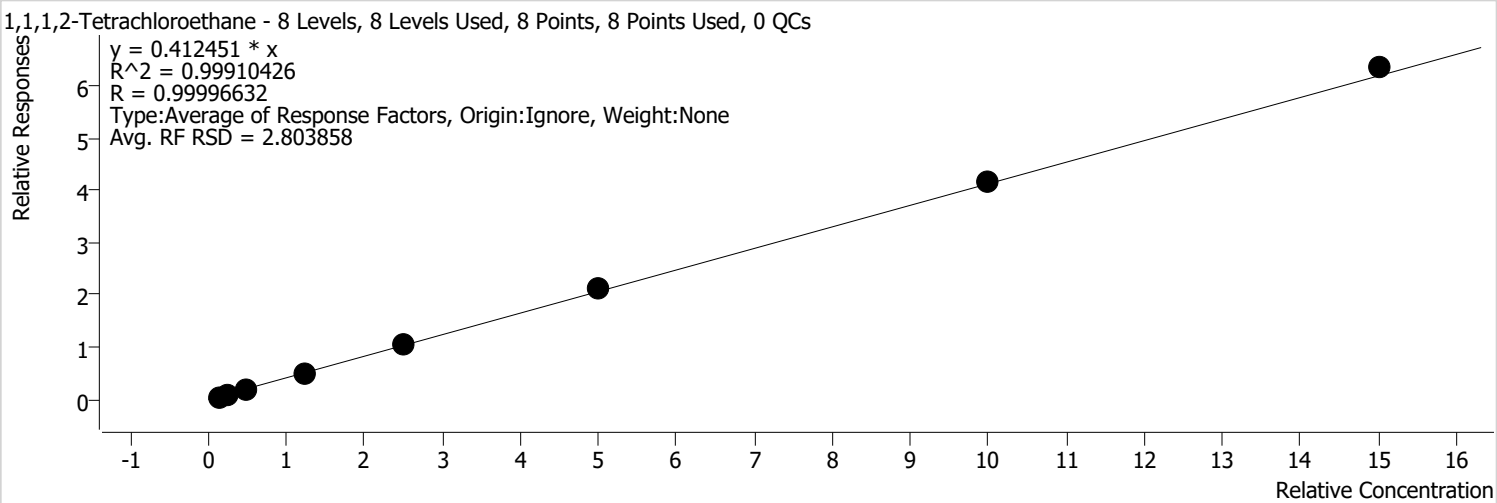
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	164078	2.0000	1.0689	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	393924	5.0000	1.0453	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	821814	10.0000	1.0867	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1691392	20.0000	1.1199	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	3311507	40.0000	1.0870	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	4946370	60.0000	1.1056	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1,1,2-Tetrachloroethane %RSE = 2.8



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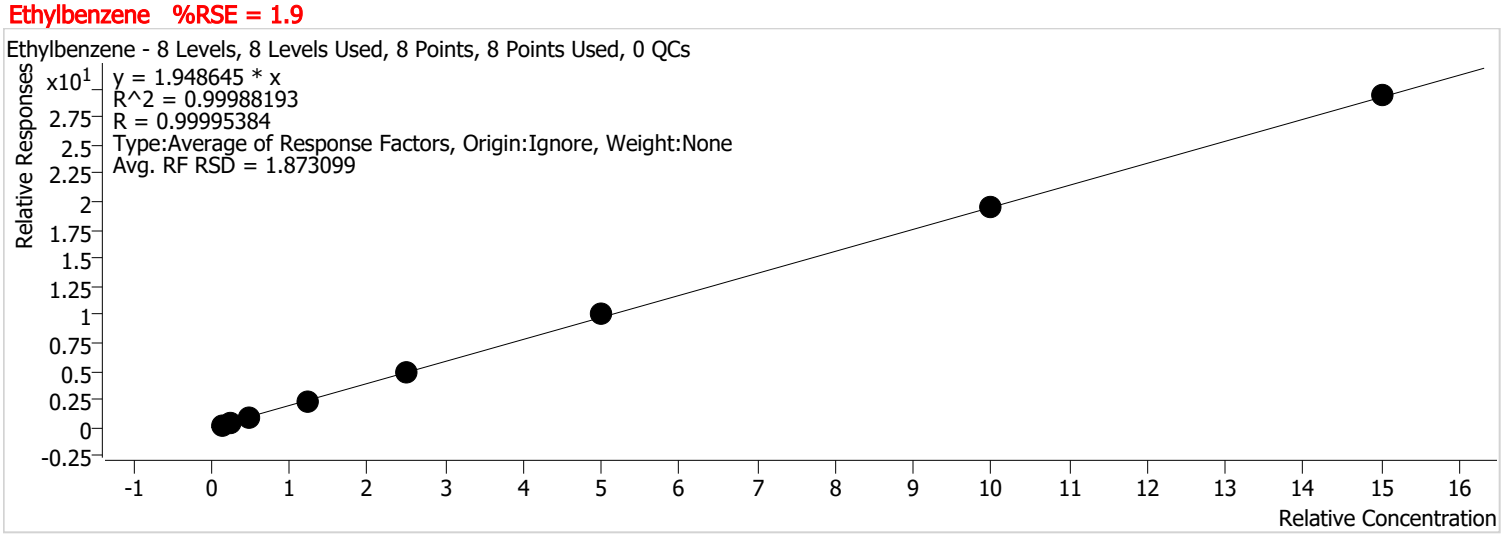
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	63497	2.0000	0.4136	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	147845	5.0000	0.3923	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	314163	10.0000	0.4154	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	642544	20.0000	0.4254	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1275993	40.0000	0.4188	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1891860	60.0000	0.4229	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:51 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Ethylbenzene %RSE = 1.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	708599	5.0000	1.8803	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1469712	10.0000	1.9433	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	3022523	20.0000	2.0013	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5925752	40.0000	1.9451	
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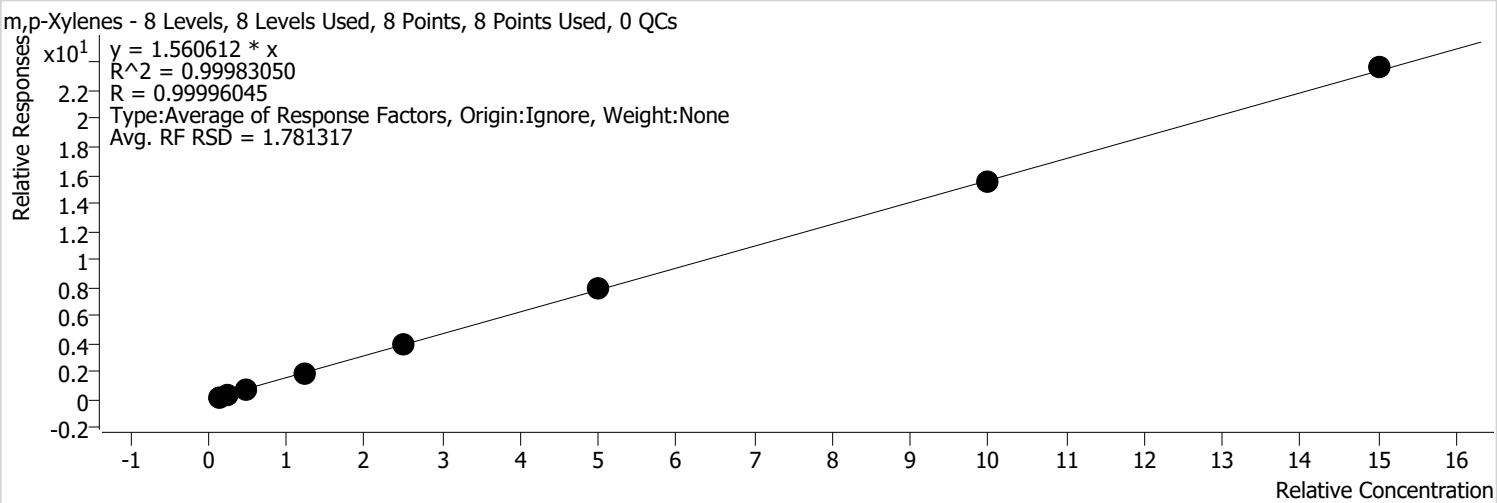
Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

m,p-Xylenes %RSE = 1.8



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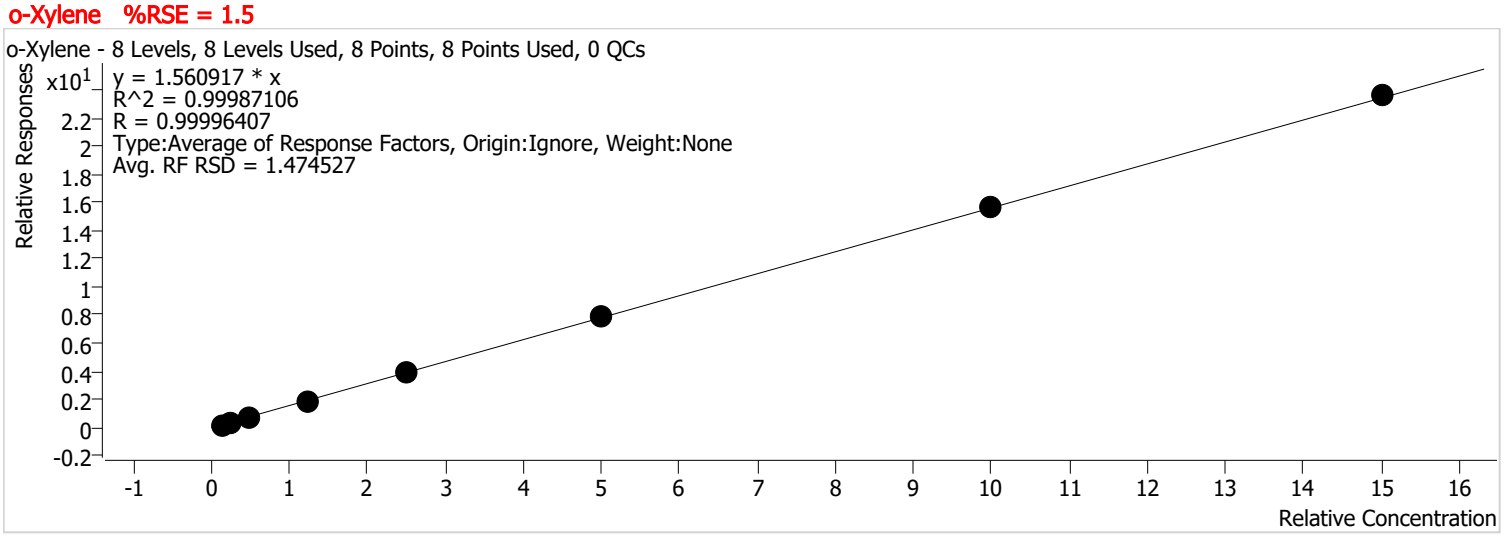
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	236412	2.0000	1.5401	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	568734	5.0000	1.5092	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1169642	10.0000	1.5466	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2410686	20.0000	1.5962	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	4751963	40.0000	1.5598	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	7049113	60.0000	1.5756	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

o-Xylene %RSE = 1.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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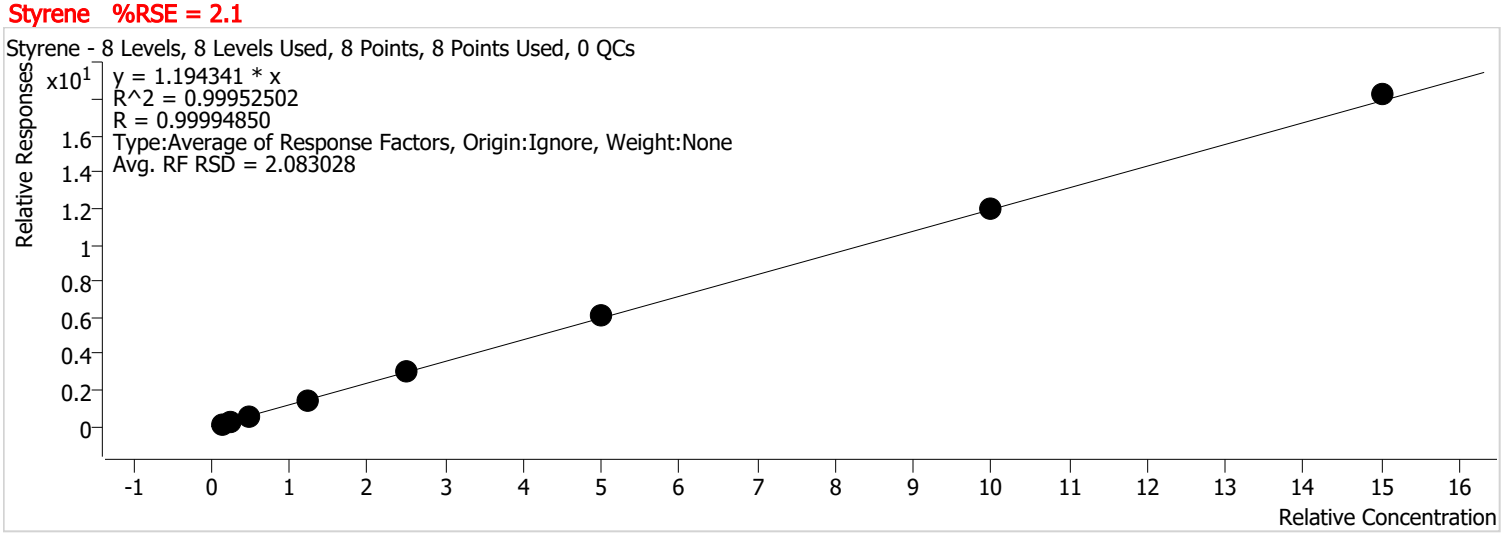
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	571374	5.0000	1.5162	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1185825	10.0000	1.5680	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2415698	20.0000	1.5995	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	4752514	40.0000	1.5600	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	7031208	60.0000	1.5716	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Styrene %RSE = 2.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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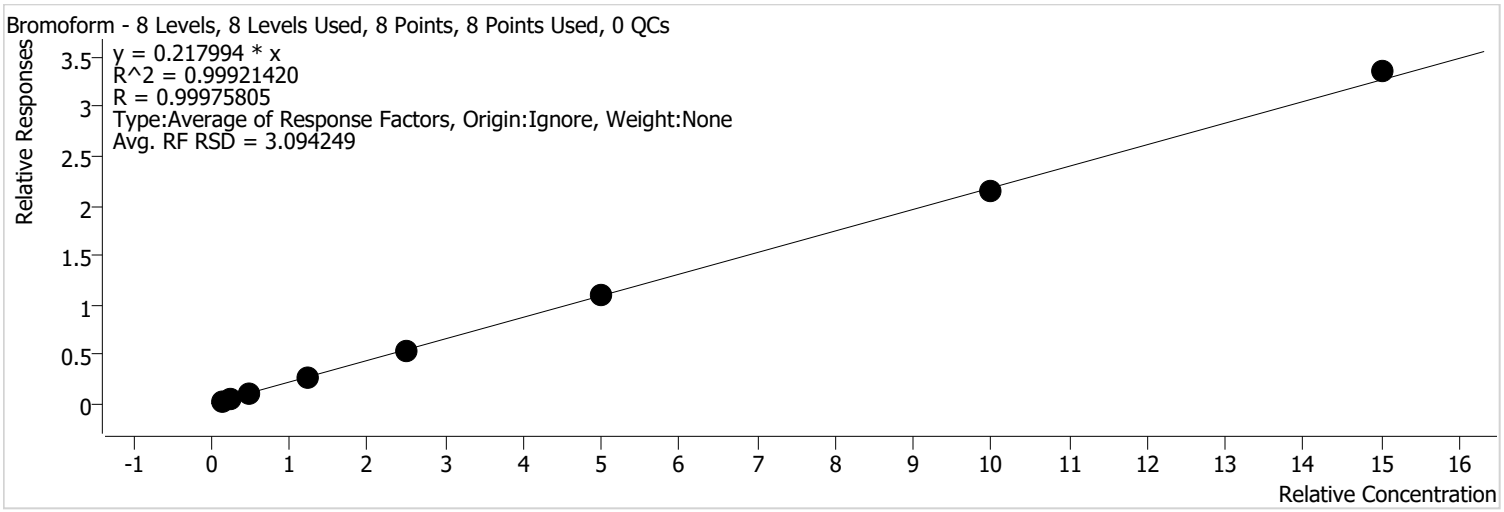
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	178491	2.0000	1.1628	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	437710	5.0000	1.1615	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	906445	10.0000	1.1986	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1851464	20.0000	1.2259	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	3651548	40.0000	1.1986	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	5445610	60.0000	1.2172	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Bromoform %RSE = 3.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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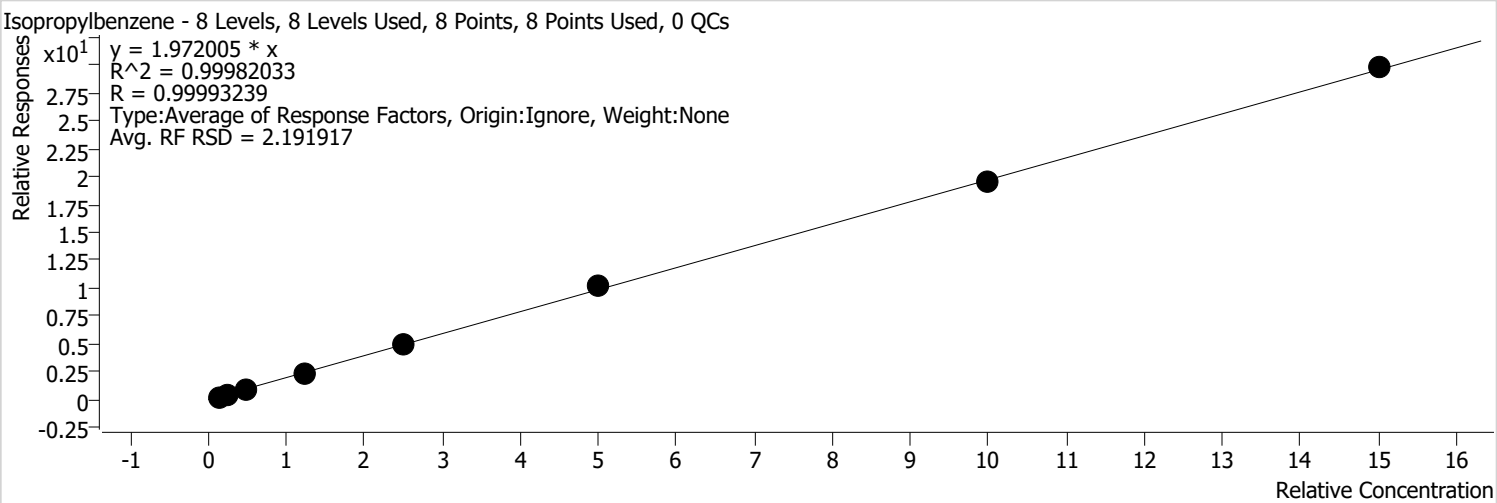
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	32735	2.0000	0.2132	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	80869	5.0000	0.2146	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	164913	10.0000	0.2181	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	334486	20.0000	0.2215	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	654704	40.0000	0.2149	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	999818	60.0000	0.2235	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Isopropylbenzene %RSE = 2.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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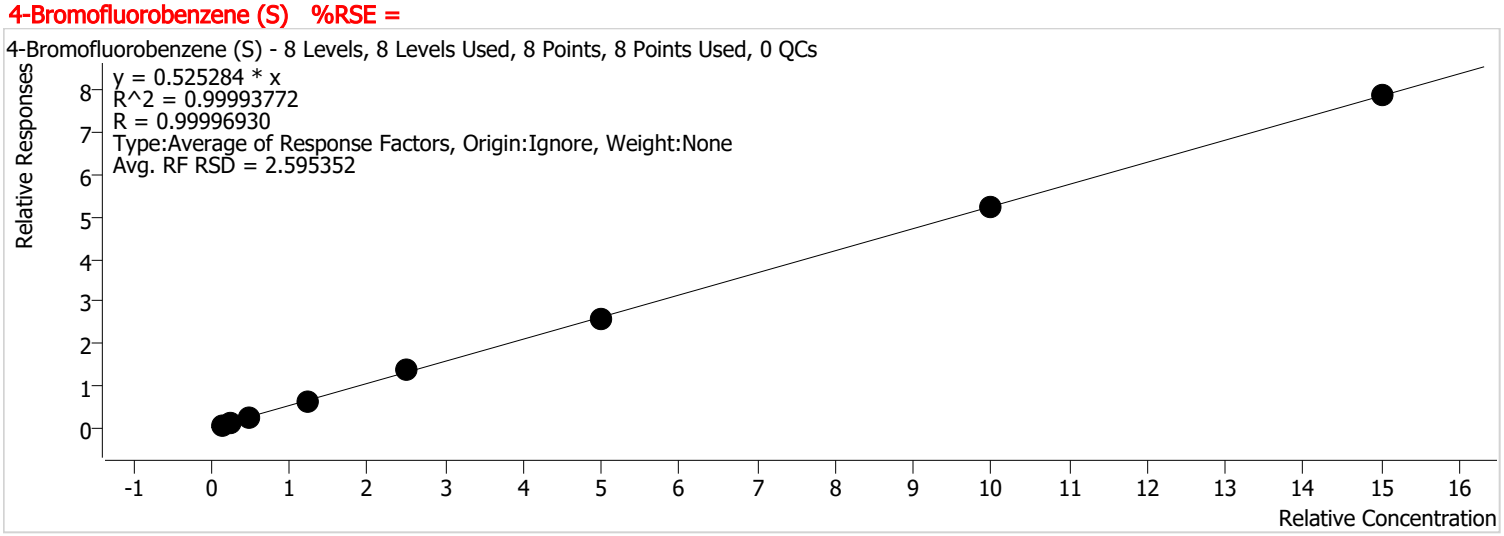
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	298970	2.0000	1.9476	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	713860	5.0000	1.8943	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1473486	10.0000	1.9483	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	3071568	20.0000	2.0338	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5991368	40.0000	1.9667	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	8879282	60.0000	1.9846	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

4-Bromofluorobenzene (S) %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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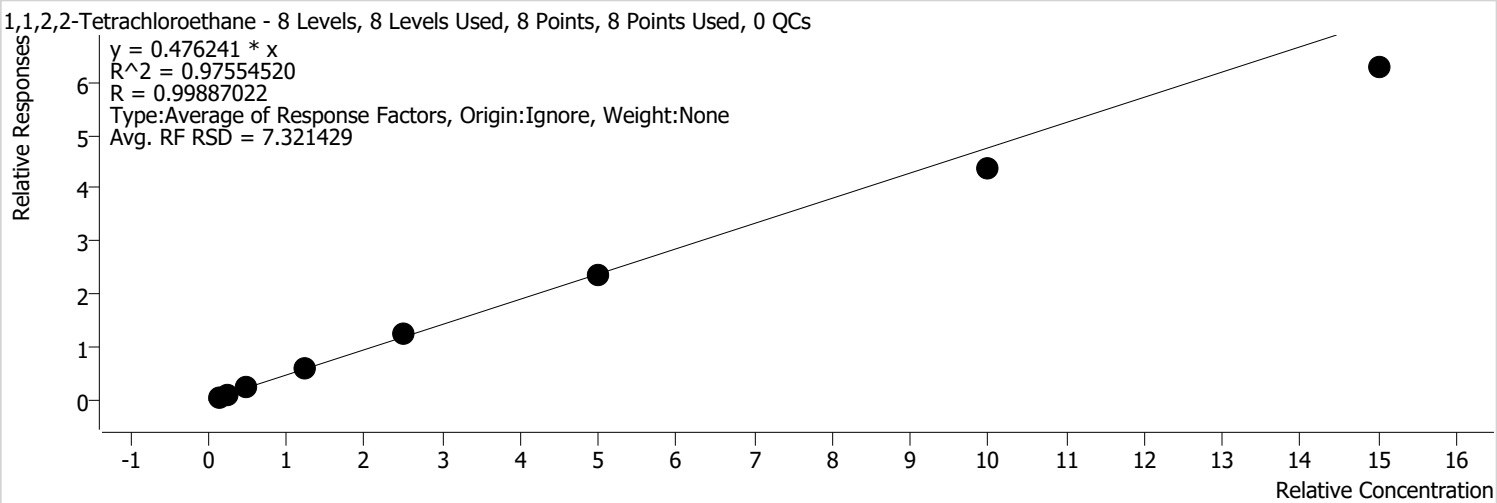
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	40635	1.0000	0.5157	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	80155	2.0000	0.5222	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	189748	5.0000	0.5035	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	411362	10.0000	0.5439	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	786576	20.0000	0.5208	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1604038	40.0000	0.5265	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2350942	60.0000	0.5255	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,1,2,2-Tetrachloroethane %RSE = 7.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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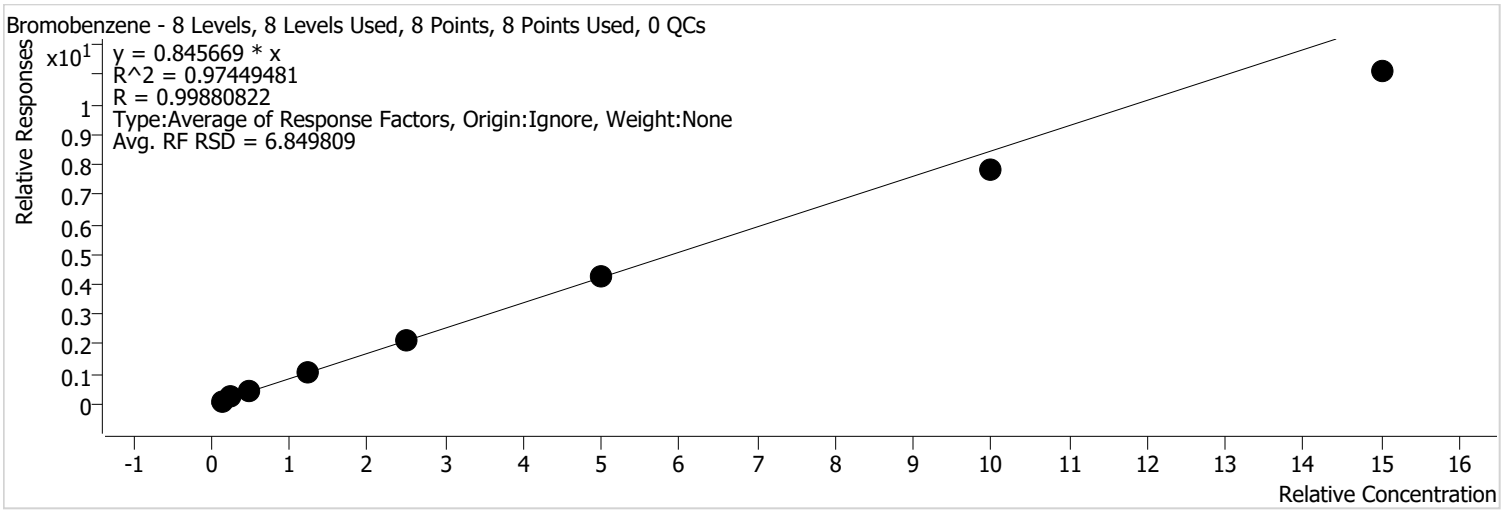
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	104512	5.0000	0.4925	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	214916	10.0000	0.4944	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	428048	20.0000	0.4757	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	836111	40.0000	0.4392	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1248057	60.0000	0.4180	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Bromobenzene %RSE = 6.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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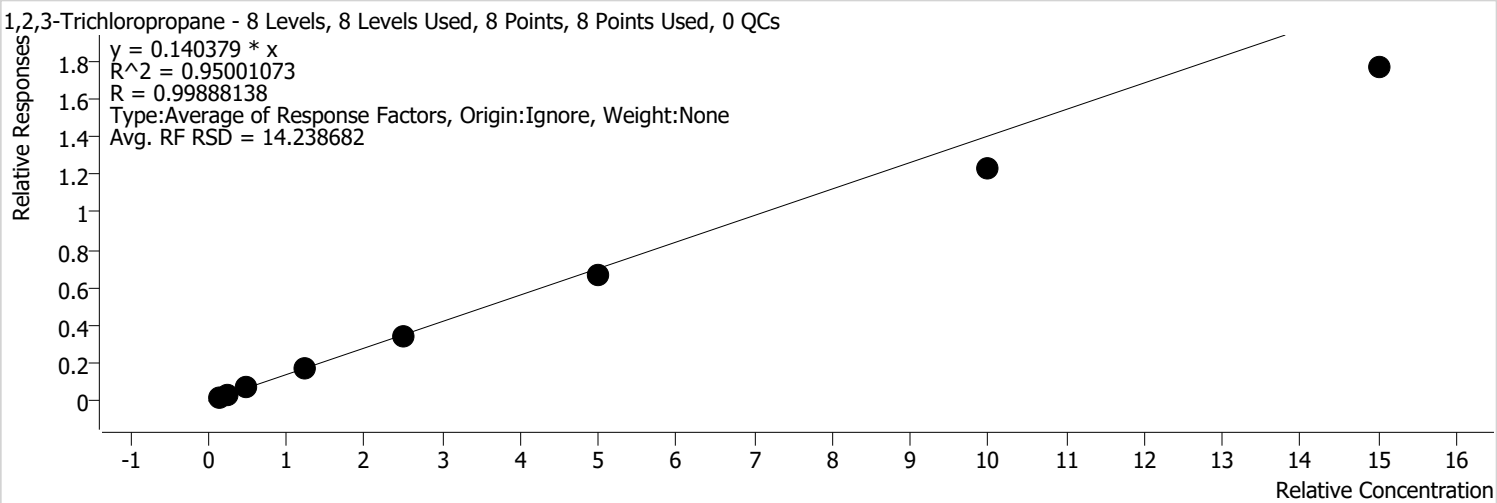
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	39708	1.0000	0.9127	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	75706	2.0000	0.8899	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	181449	5.0000	0.8550	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	373854	10.0000	0.8600	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	763933	20.0000	0.8489	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1483532	40.0000	0.7792	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2209263	60.0000	0.7400	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2,3-Trichloropropane %RSE = 14.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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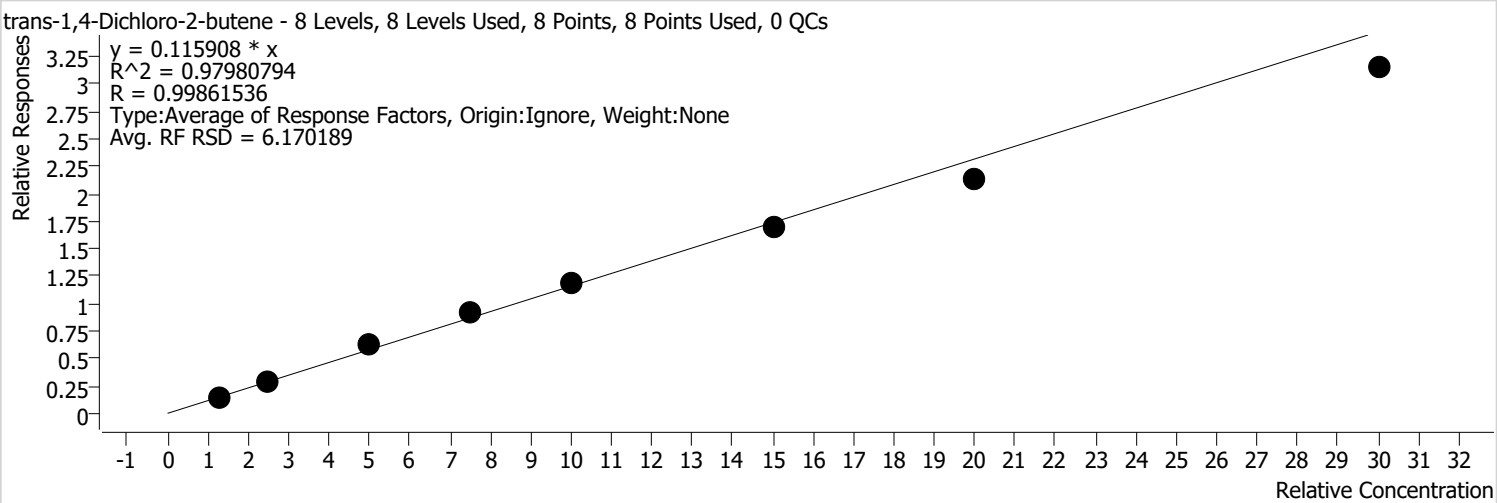
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	12590	2.0000	0.1480	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	28975	5.0000	0.1365	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	60575	10.0000	0.1393	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	120986	20.0000	0.1344	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	235201	40.0000	0.1235	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	351217	60.0000	0.1176	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

trans-1,4-Dichloro-2-butene %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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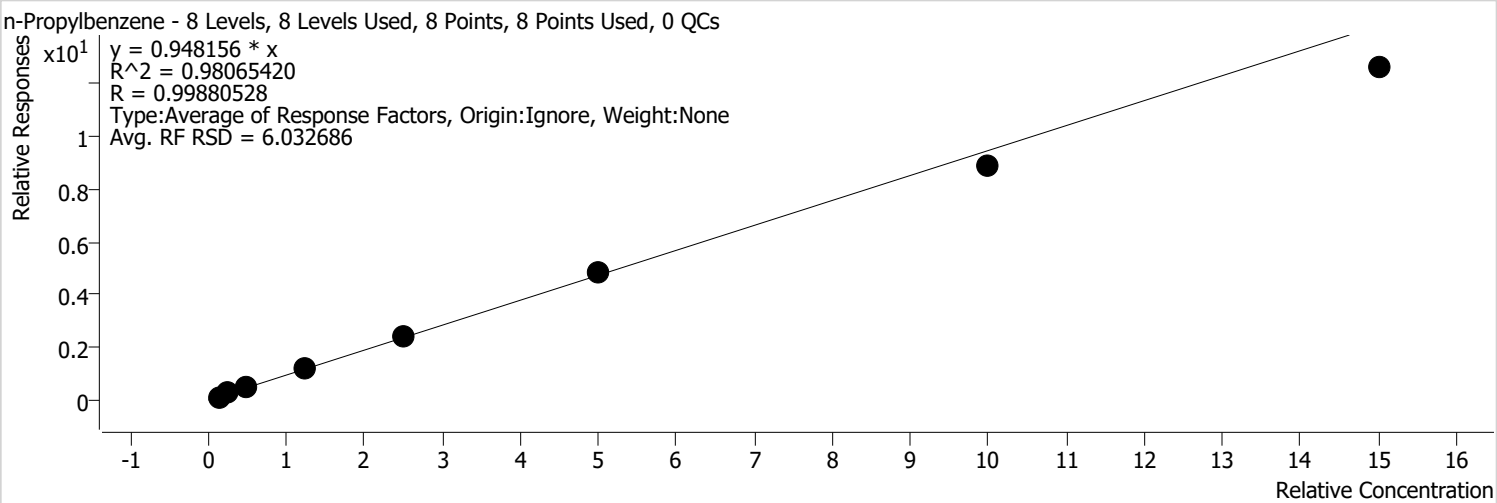
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	106609	20.0000	0.1253	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	154568	30.0000	0.1214	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	206897	40.0000	0.1190	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	305174	60.0000	0.1130	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	407602	80.0000	0.1070	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	626709	120.0000	0.1050	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

n-Propylbenzene %RSE = 6.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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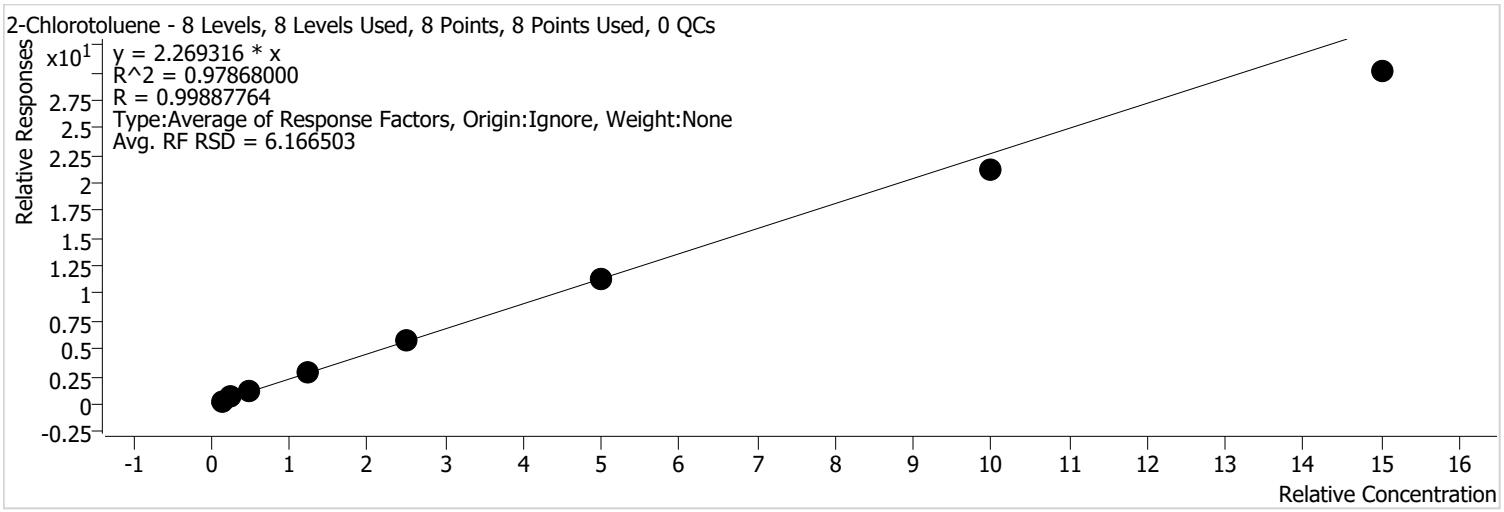
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	83721	2.0000	0.9841	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	198454	5.0000	0.9351	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	420527	10.0000	0.9673	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	866586	20.0000	0.9630	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1691861	40.0000	0.8887	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2512792	60.0000	0.8417	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

2-Chlorotoluene %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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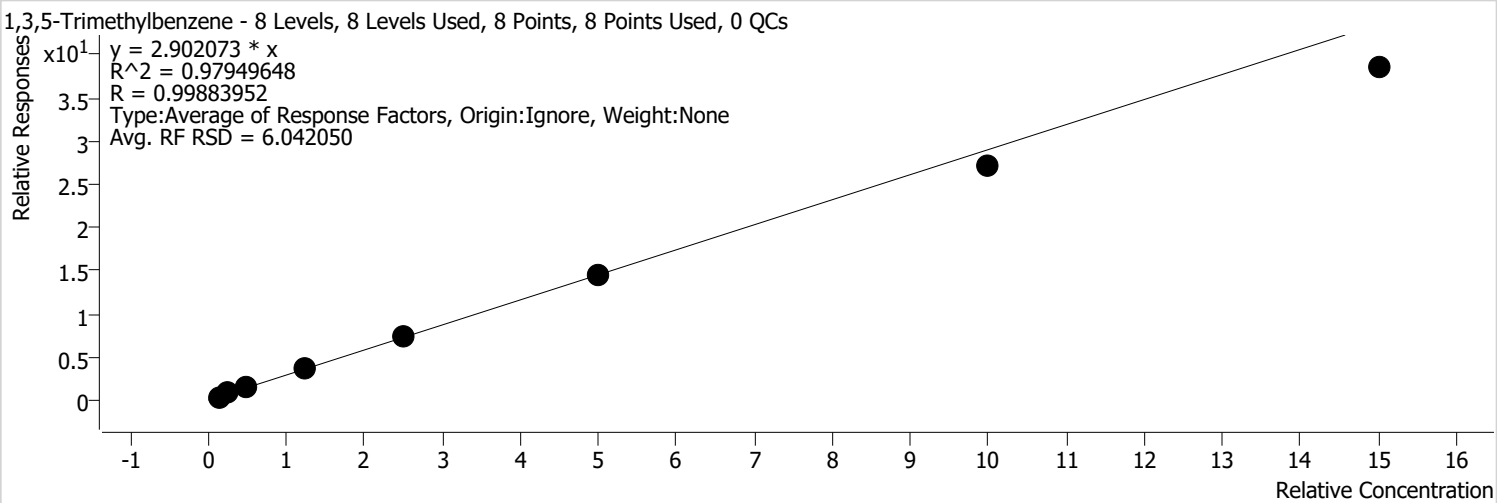
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	200460	2.0000	2.3564	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	484751	5.0000	2.2842	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1011828	10.0000	2.3275	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2054499	20.0000	2.2831	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	4022509	40.0000	2.1128	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	5986528	60.0000	2.0052	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,3,5-Trimethylbenzene %RSE = 6.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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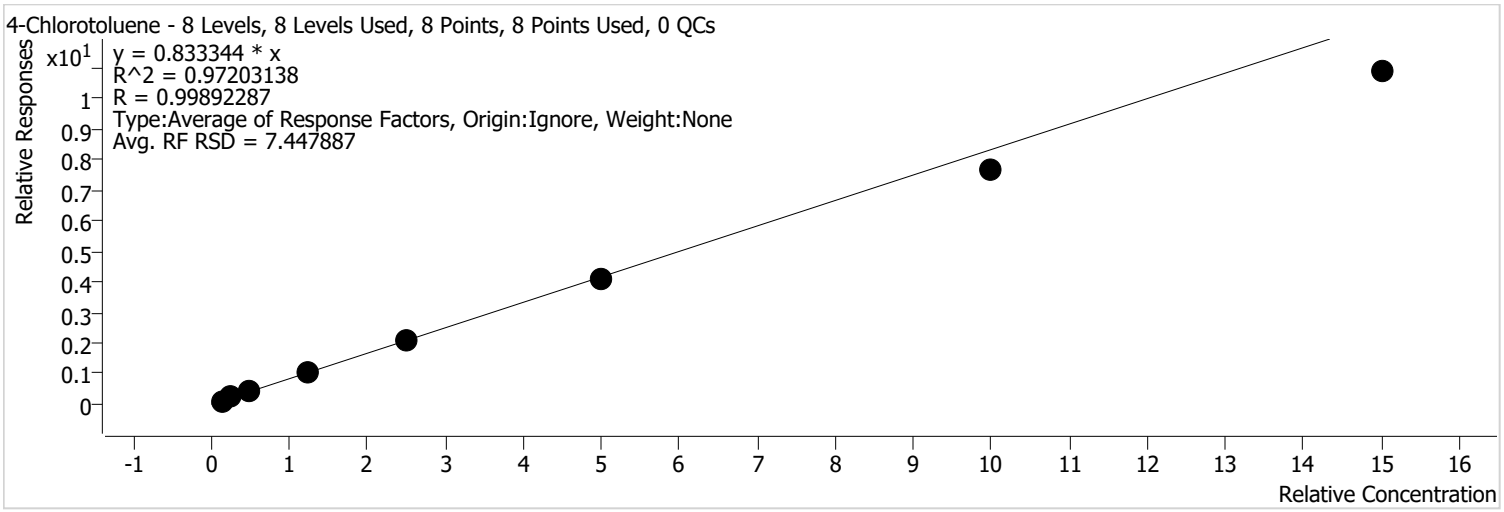
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	620953	5.0000	2.9260	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1279642	10.0000	2.9435	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2629575	20.0000	2.9221	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5174877	40.0000	2.7181	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	7662538	60.0000	2.5666	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

4-Chlorotoluene %RSE = 7.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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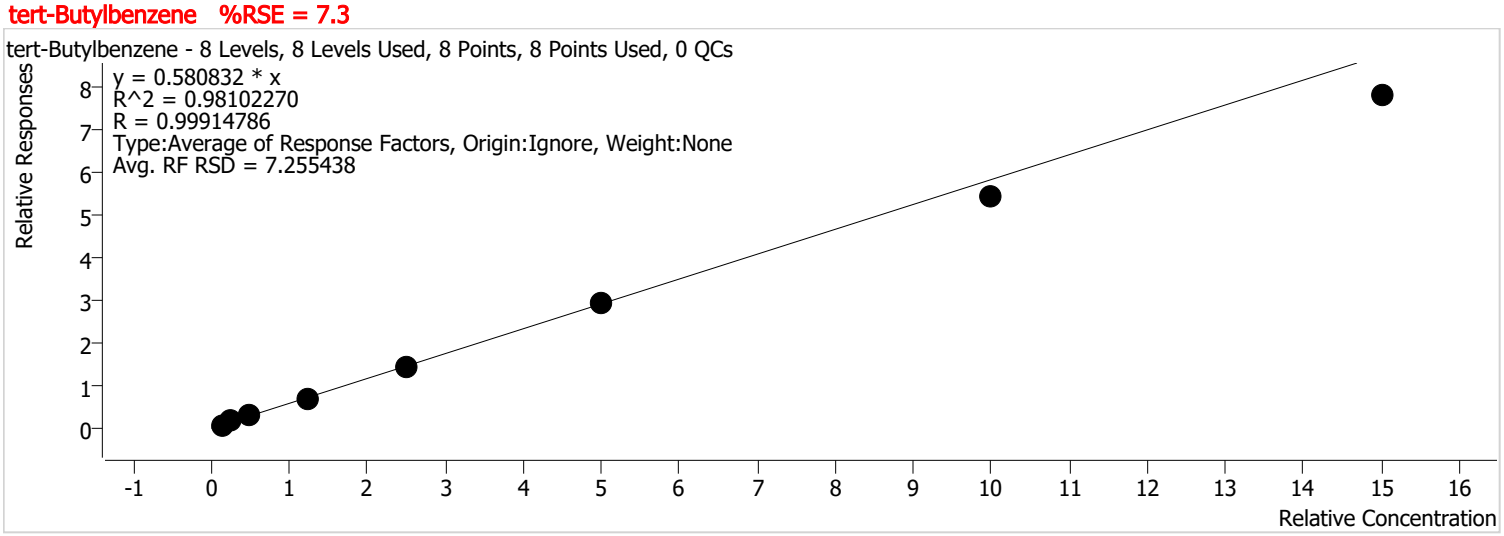
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	74616	2.0000	0.8771	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	177023	5.0000	0.8342	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	368821	10.0000	0.8484	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	739683	20.0000	0.8220	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1455936	40.0000	0.7647	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2164834	60.0000	0.7251	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

tert-Butylbenzene %RSE = 7.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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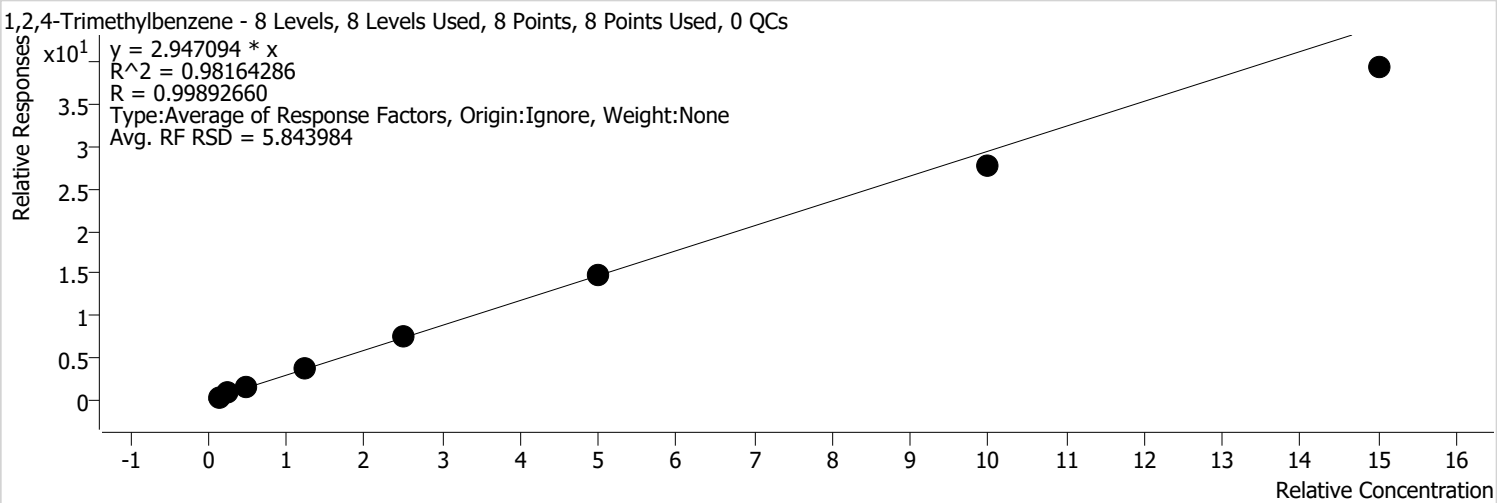
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	49406	2.0000	0.5808	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	120225	5.0000	0.5665	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	253979	10.0000	0.5842	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	525282	20.0000	0.5837	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1026107	40.0000	0.5390	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1545518	60.0000	0.5177	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2,4-Trimethylbenzene %RSE = 5.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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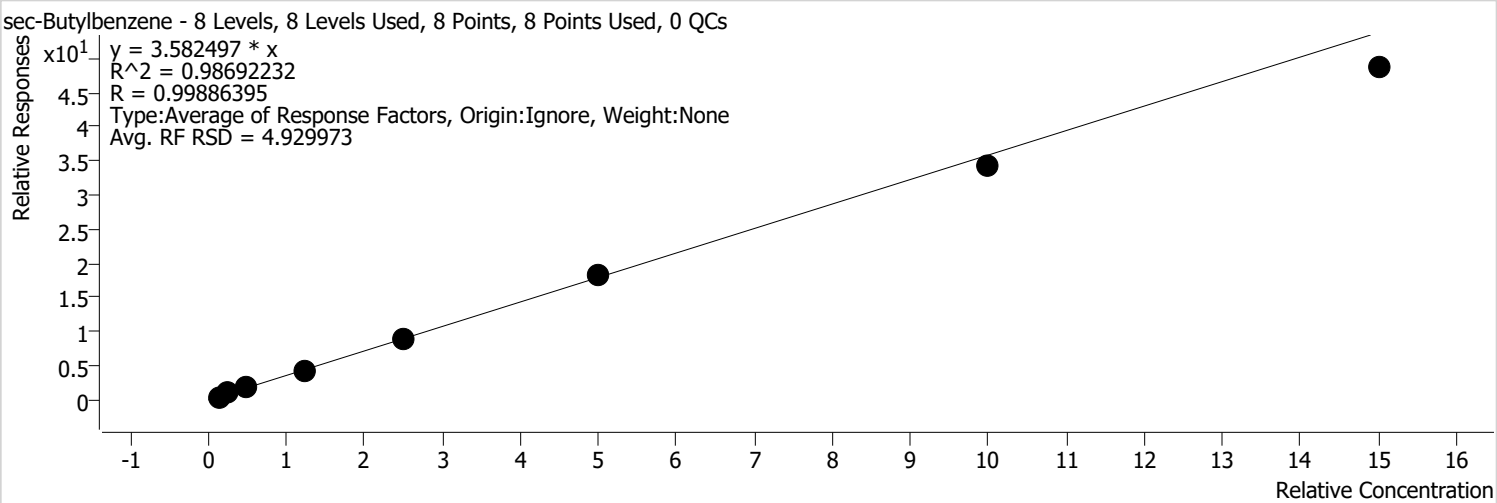
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	261386	2.0000	3.0726	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	620732	5.0000	2.9250	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1306808	10.0000	3.0060	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2668585	20.0000	2.9655	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5278787	40.0000	2.7727	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	7828218	60.0000	2.6221	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

sec-Butylbenzene %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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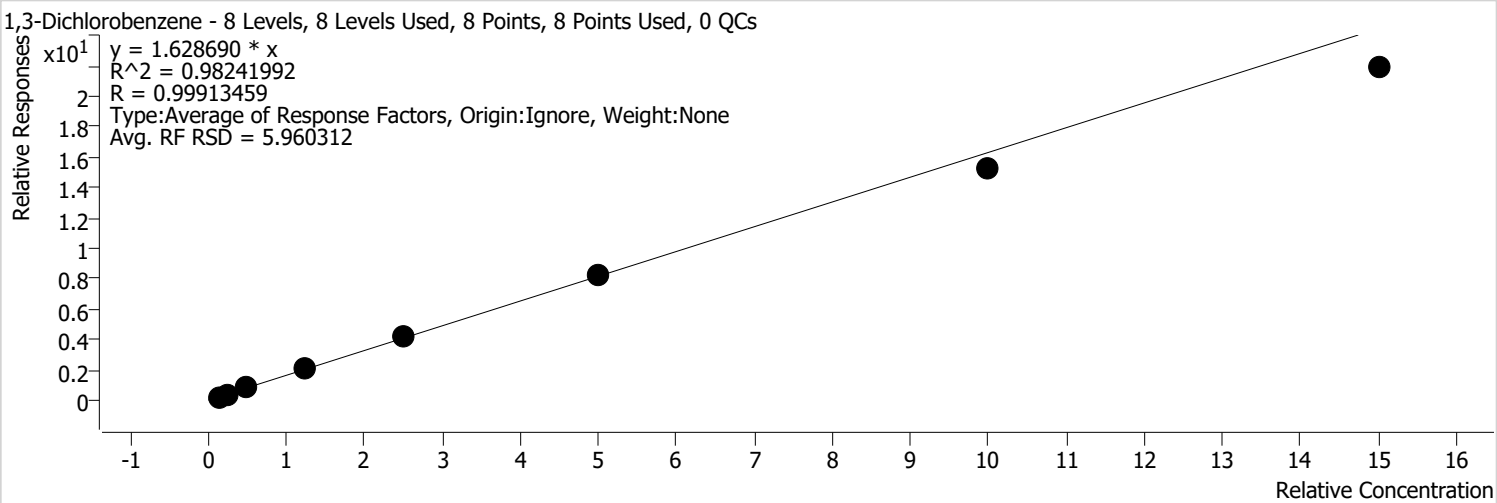
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	745720	5.0000	3.5139	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1584822	10.0000	3.6455	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	3315374	20.0000	3.6842	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	6521625	40.0000	3.4255	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	9670418	60.0000	3.2391	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,3-Dichlorobenzene %RSE = 6.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	71223	1.0000	1.6371	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	145693	2.0000	1.7126	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	347326	5.0000	1.6366	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	731947	10.0000	1.6837	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1472402	20.0000	1.6362	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2891440	40.0000	1.5187	
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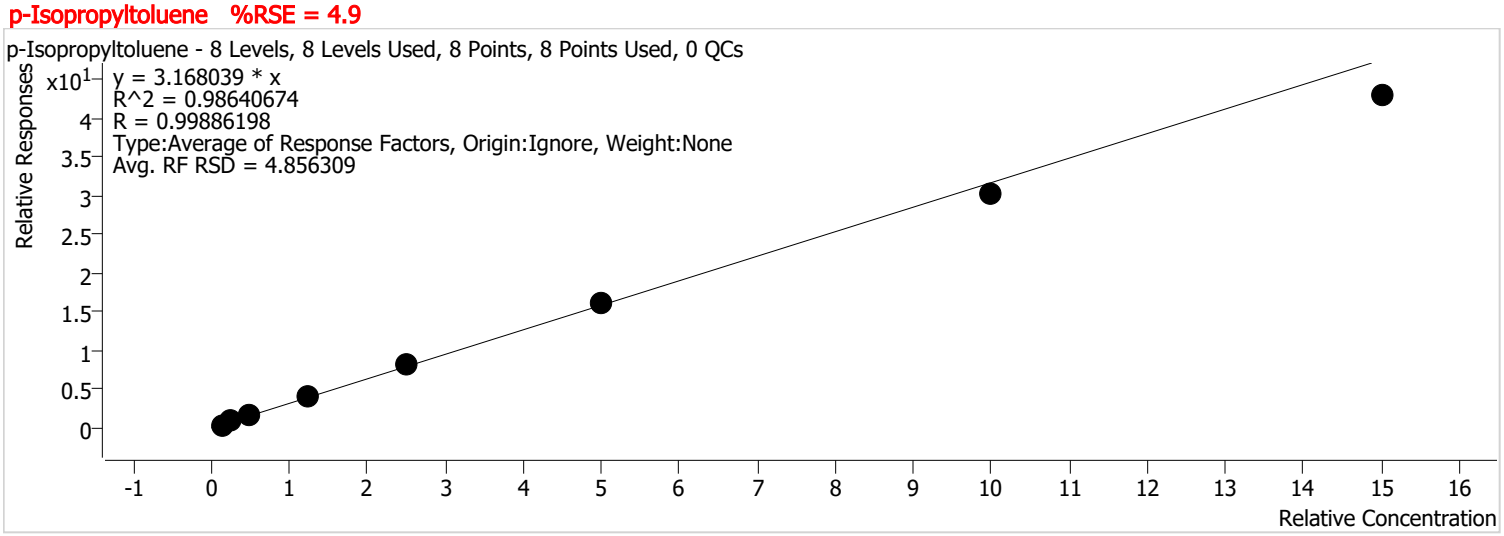
Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

p-Isopropyltoluene %RSE = 4.9



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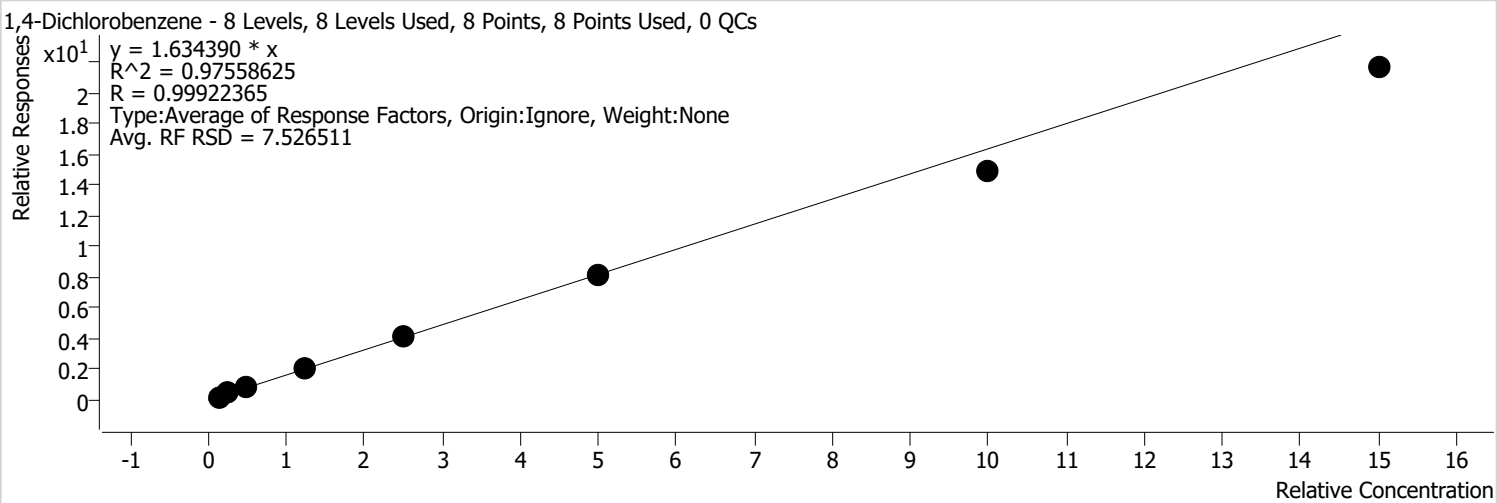
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	277924	2.0000	3.2670	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	667904	5.0000	3.1473	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1399888	10.0000	3.2201	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2930642	20.0000	3.2567	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5755246	40.0000	3.0230	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	8537776	60.0000	2.8597	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,4-Dichlorobenzene %RSE = 7.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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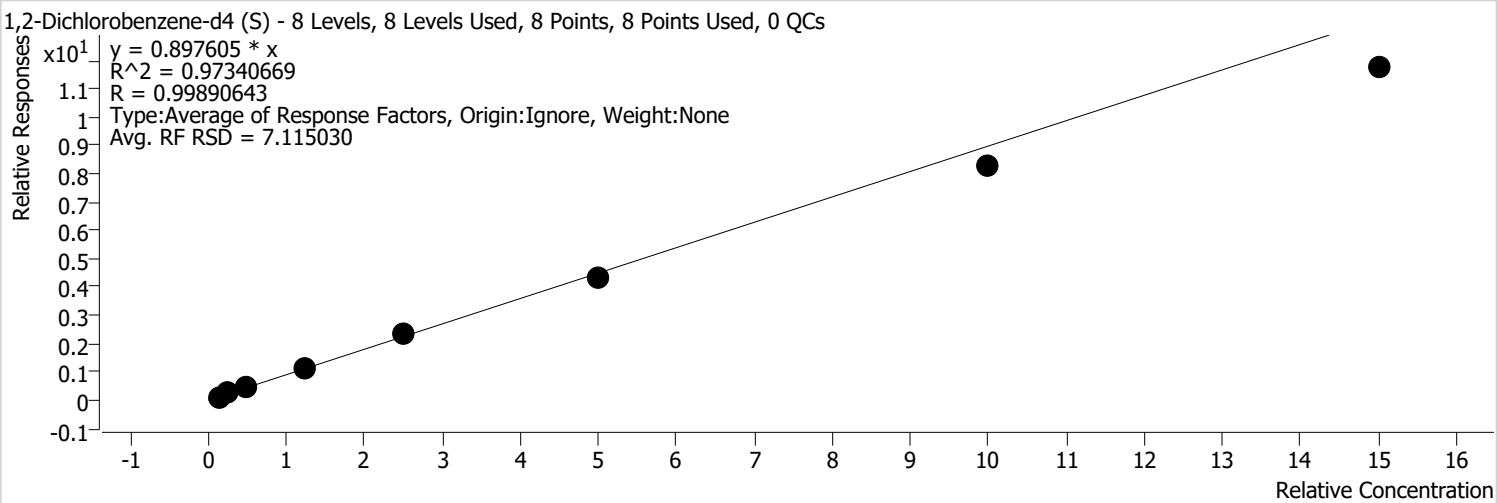
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	146492	2.0000	1.7220	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	341709	5.0000	1.6102	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	716772	10.0000	1.6488	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1458078	20.0000	1.6203	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2833359	40.0000	1.4882	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	4300345	60.0000	1.4404	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dichlorobenzene-d4 (S) %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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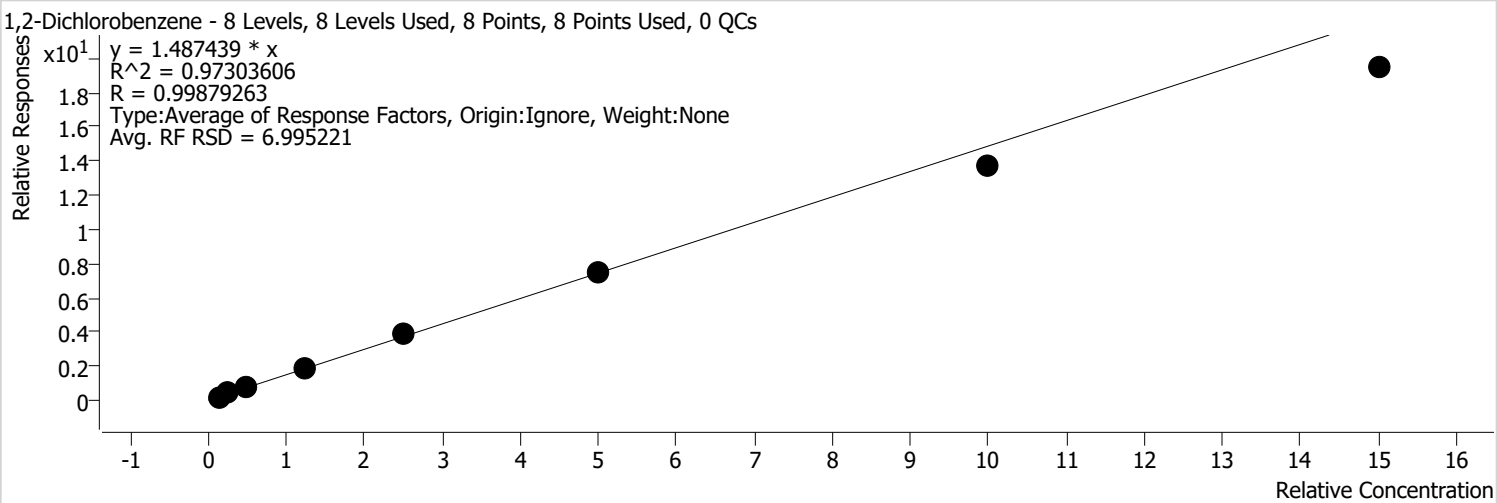
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	192719	5.0000	0.9081	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	411951	10.0000	0.9476	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	782663	20.0000	0.8697	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1581264	40.0000	0.8306	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2336995	60.0000	0.7828	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dichlorobenzene %RSE = 7.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	135274	2.0000	1.5901	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	319430	5.0000	1.5052	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	663878	10.0000	1.5271	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1335352	20.0000	1.4839	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2604527	40.0000	1.3680	
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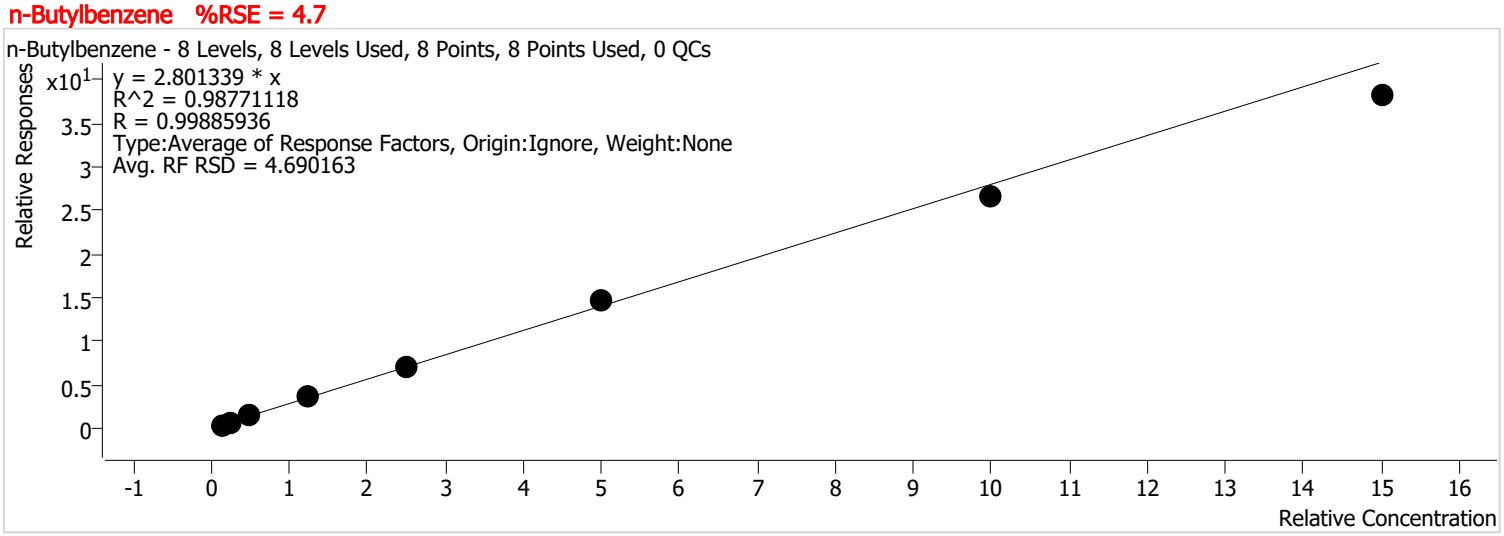
Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

n-Butylbenzene %RSE = 4.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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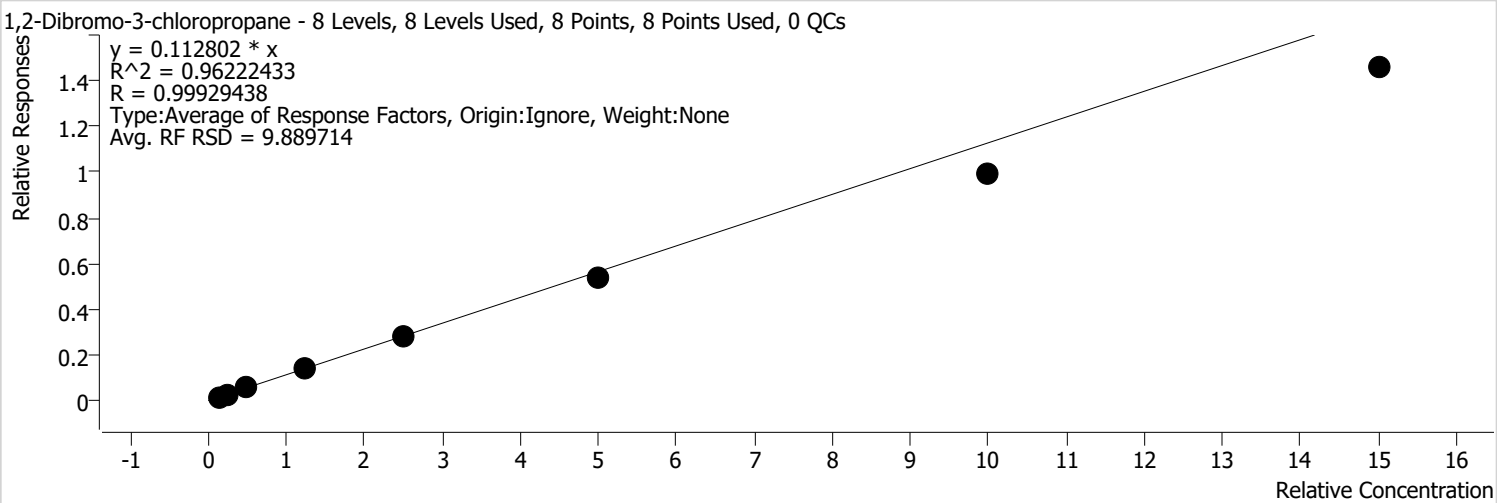
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	593086	5.0000	2.7947	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	1234595	10.0000	2.8399	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	2629335	20.0000	2.9218	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	5078000	40.0000	2.6672	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	7599042	60.0000	2.5453	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2-Dibromo-3-chloropropane %RSE = 9.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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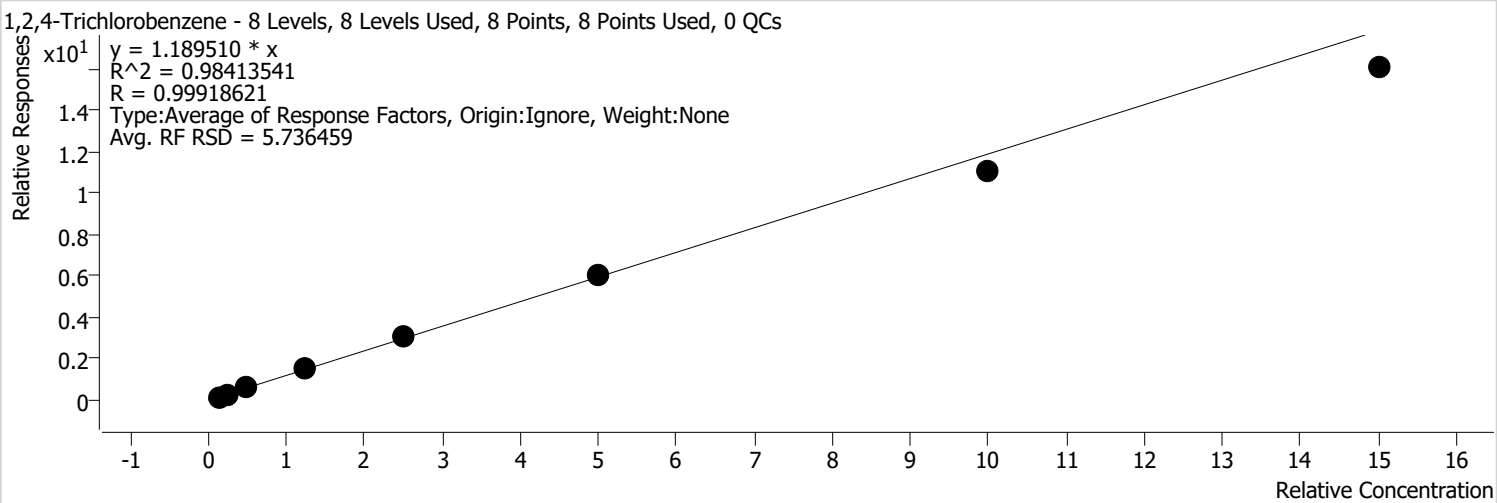
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	24479	5.0000	0.1153	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	49146	10.0000	0.1130	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	97735	20.0000	0.1086	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	189323	40.0000	0.0994	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	289854	60.0000	0.0971	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2,4-Trichlorobenzene %RSE = 5.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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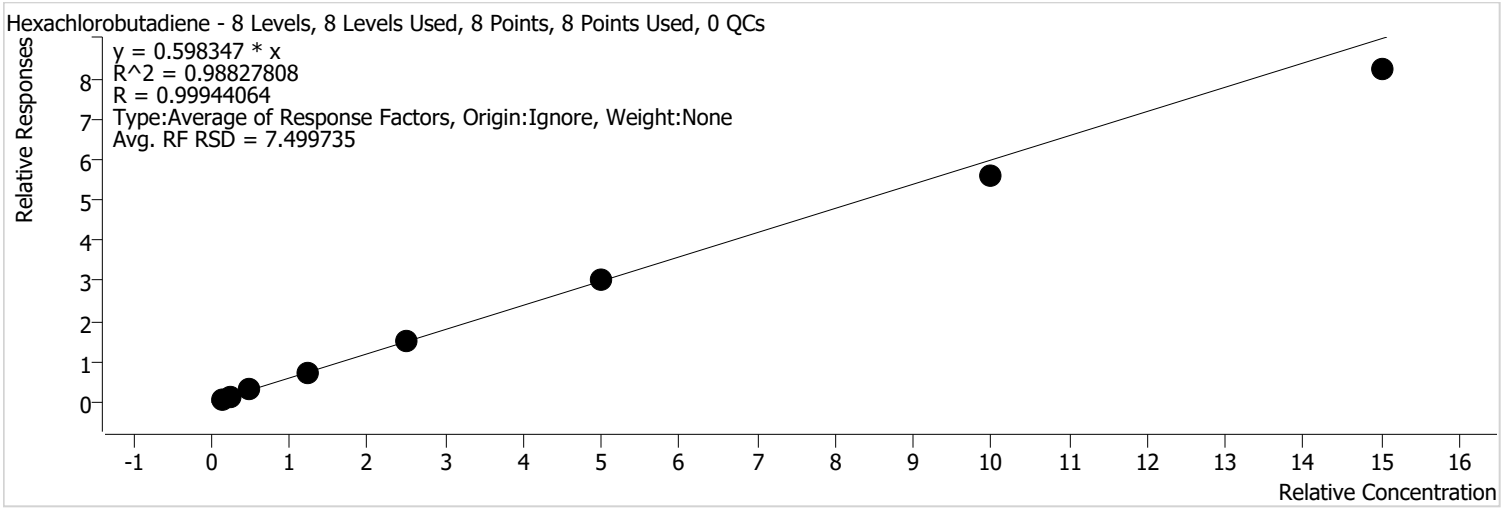
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	105255	2.0000	1.2373	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	251981	5.0000	1.1874	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	531712	10.0000	1.2231	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1082563	20.0000	1.2030	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	2113420	40.0000	1.1101	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	3196170	60.0000	1.0706	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Hexachlorobutadiene %RSE = 7.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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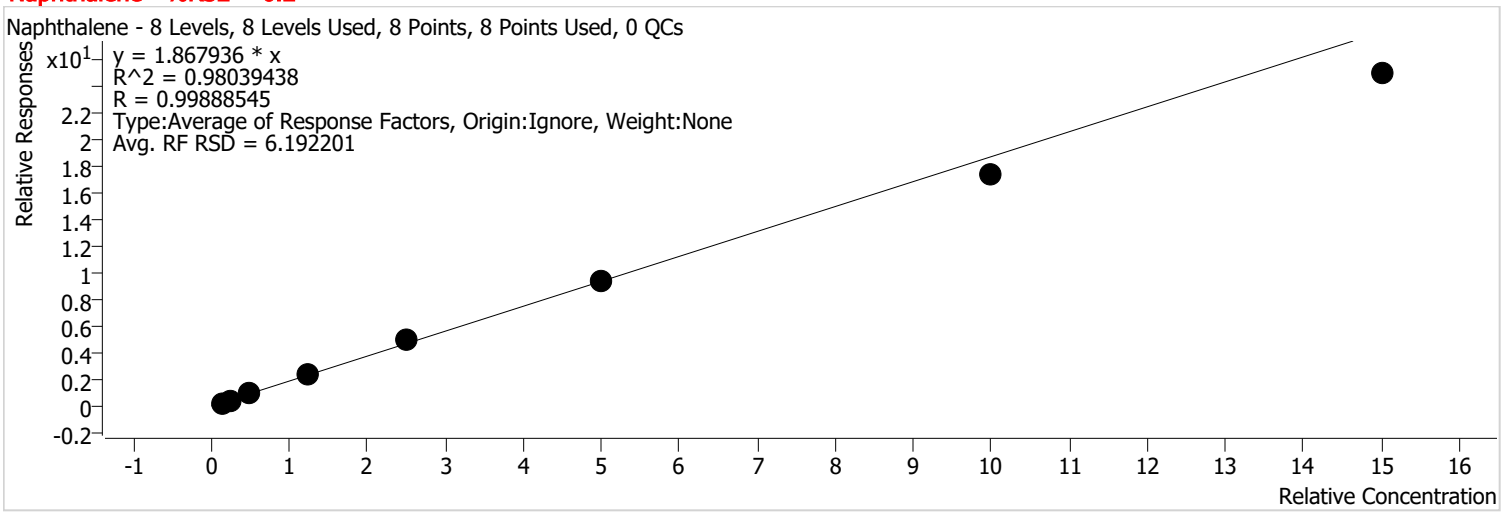
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	50858	2.0000	0.5978	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	119373	5.0000	0.5625	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	261965	10.0000	0.6026	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	544776	20.0000	0.6054	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1066493	40.0000	0.5602	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	1633805	60.0000	0.5472	

Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

Naphthalene %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	408340	5.0000	1.9242	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	849801	10.0000	1.9547	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	1695980	20.0000	1.8846	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	3320250	40.0000	1.7440	
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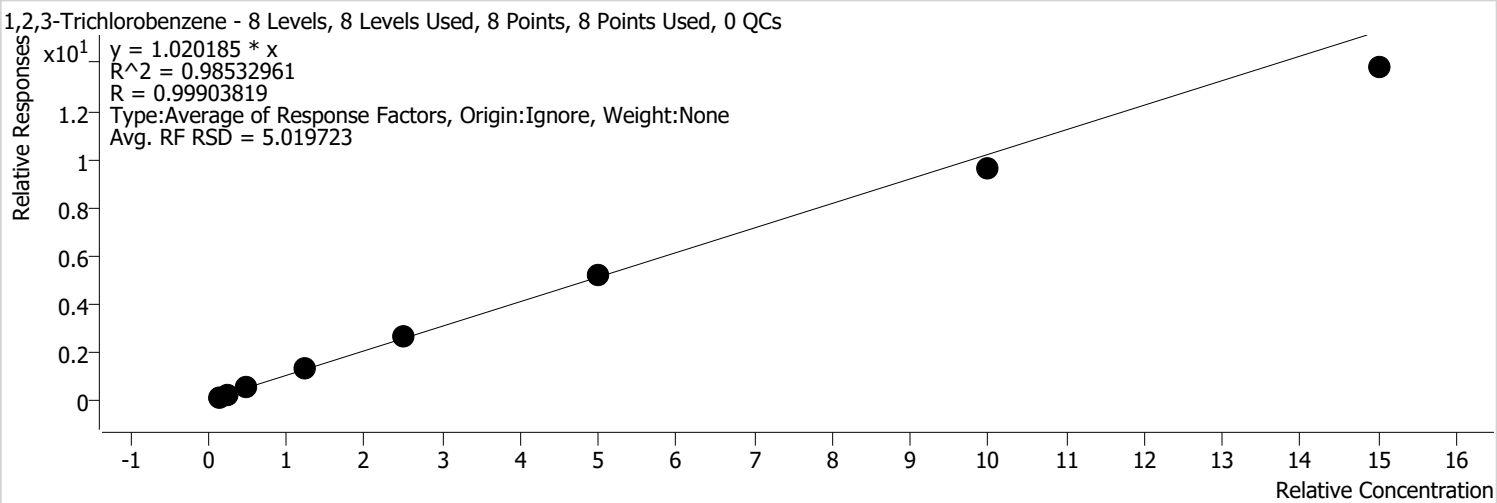
Batch Path	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\2025\Calibration\QuantResults\MHQ-CALIBRATION 040825-1.batch.bin		
Analysis Time	4/9/2025 5:04 PM	**Analyst Name**	LEGENDTECH\volatiles
Report Time	5/12/2025 11:32:52 AM	**Reporter Name**	DESKTOP-OEF3GP1\Larry Garretson
Last Calib Update	4/9/2025 5:04 PM	**Batch State**	Processed
Analyzed by Quant version	10.1	**Reported by Quant version**	12.0

1,2,3-Trichlorobenzene %RSE = 5.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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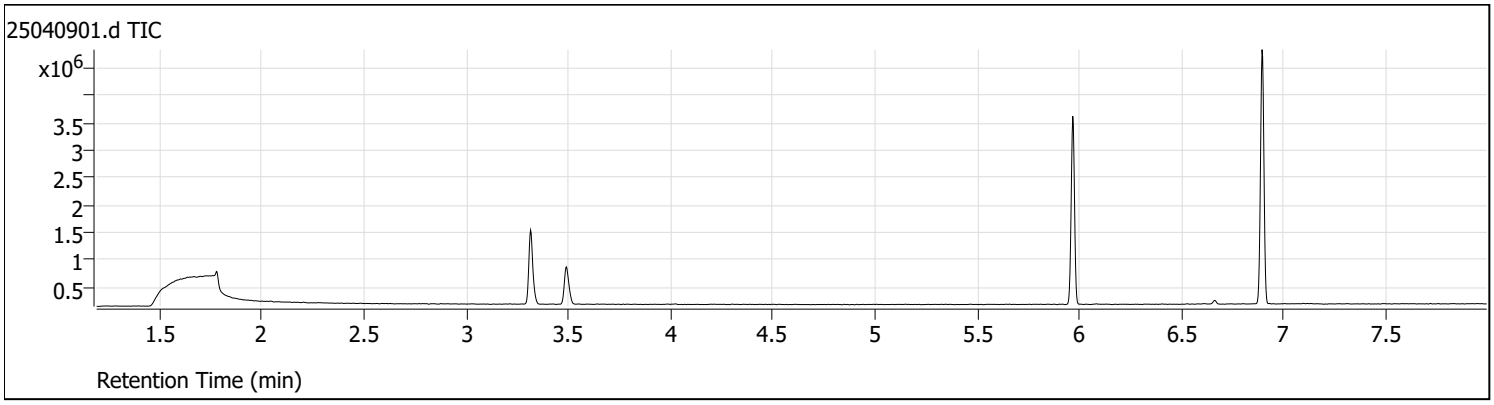
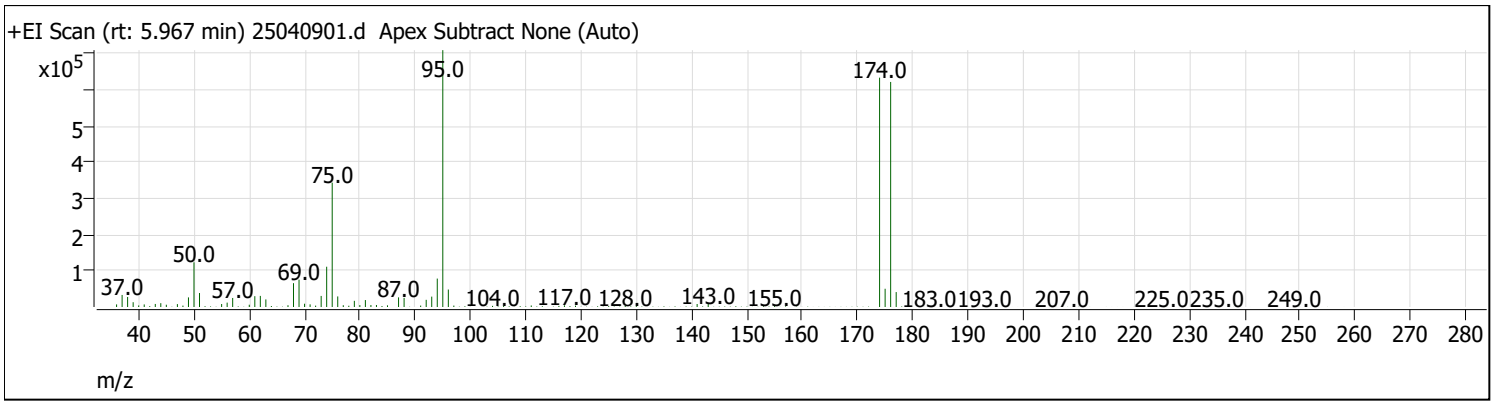
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040808.d	Calibration	1.0	x	45139	1.0000	1.0376	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040809.d	Calibration	2.0	x	89353	2.0000	1.0503	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040810.d	Calibration	5.0	x	219948	5.0000	1.0364	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040811.d	Calibration	10.0	x	464475	10.0000	1.0684	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040812.d	Calibration	20.0	x	932121	20.0000	1.0358	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040813.d	Calibration	40.0	x	1833012	40.0000	0.9628	
V:\GCMS107\Diagnostics_Settings\SISS Onsite Day 1\Calibration\25040814.d	Calibration	60.0	x	2745683	60.0000	0.9197	

Tune Evaluation Report

Data Path:	C:\GCMS Data\Legend Technical Services - VOC\Projects\GCMS 107\Data\SISS ONSITE DAY 2\25040901.d
Acq on:	4/9/2025 12:14:32 PM
Operator:	lsd
Sample:	BFB
Inst Name:	GCMS 107
ALS Vial:	1
Method:	C:\MassHunter\Methods\Quant\BFB.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	17.4	123300	Pass
75	95	30	60	48.4	343002	Pass
95	95	100	100	100.0	708629	Pass
96	95	5	9	6.8	48190	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	89.3	632719	Pass
175	174	5	9	7.9	50284	Pass
176	174	95	101	98.1	620932	Pass
177	176	5	9	6.6	41160	Pass