

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020819.D
 Acq On : 14 Jan 2025 13:38
 Operator : SY/MD
 Sample : Q1068-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:29:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

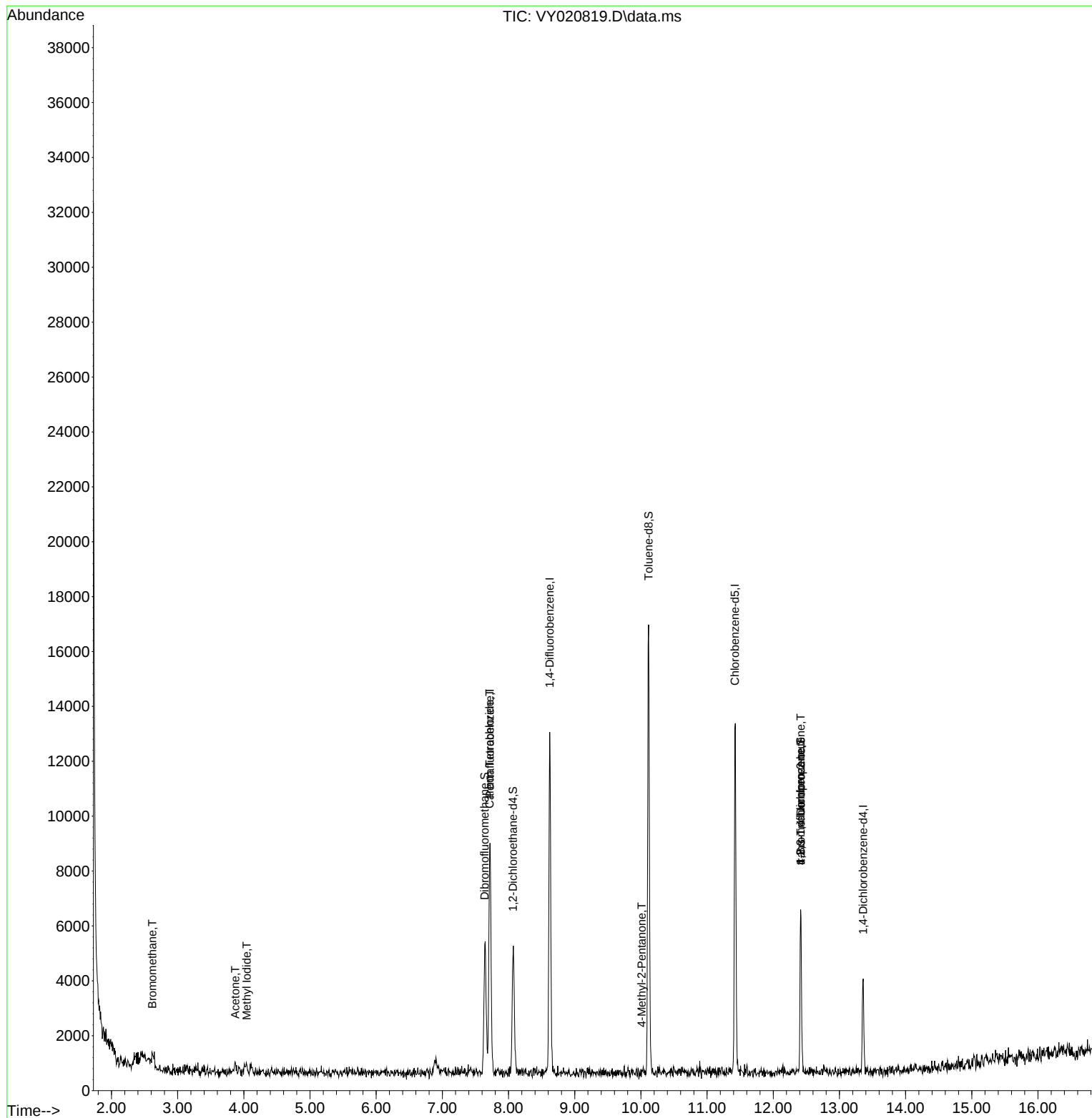
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

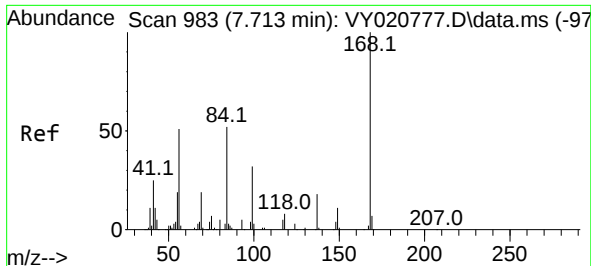
Internal Standards						
1) Pentafluorobenzene	7.719	168	7441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	11502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	7729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3936	62.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.640	113	3502	48.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.115	98	12227	48.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.414	95	2172	23.414	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 46.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	237	10.410	ug/l	83
10) Methyl Iodide	4.043	142	531	7.479	ug/l #	52
16) Acetone	3.872	43	500	55.594	ug/l #	81
38) Carbon Tetrachloride	7.713	117	423	3.306	ug/l #	12
51) 4-Methyl-2-Pentanone	10.012	43	63	1.695	ug/l #	32
76) 1,2,3-Trichloropropane	12.414	75	1113	96.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	1113	203.499	ug/l #	14

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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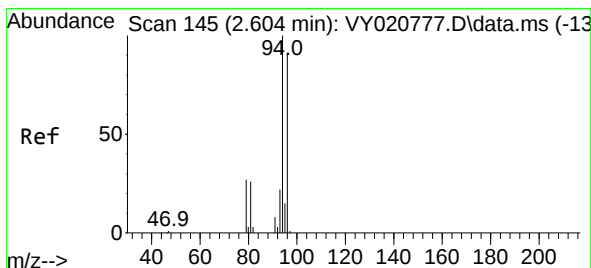
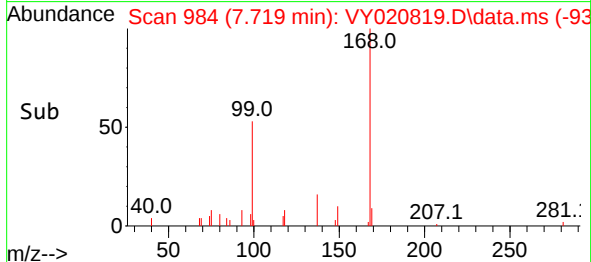
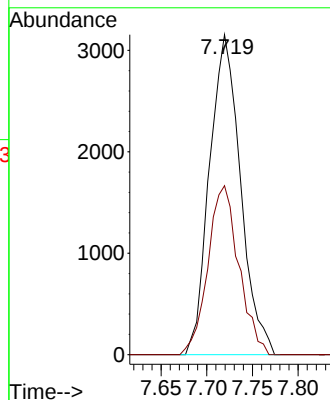
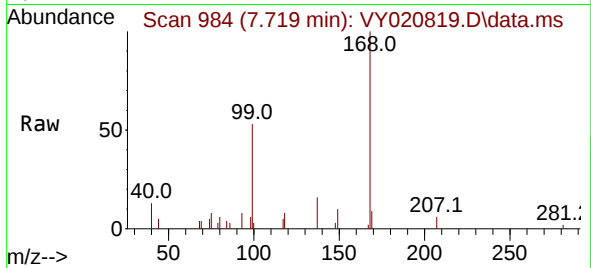
Quant Time: Jan 15 03:29:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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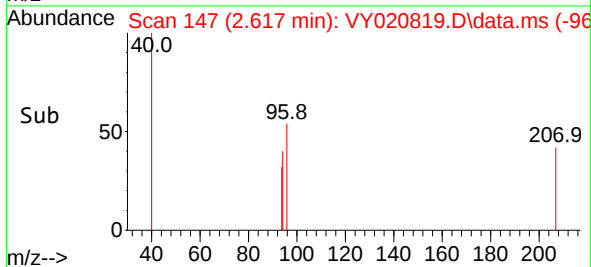
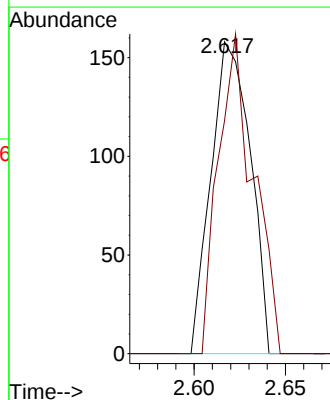
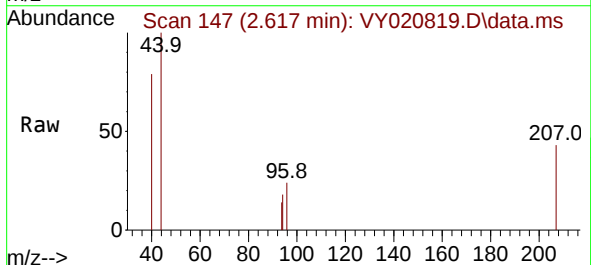
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

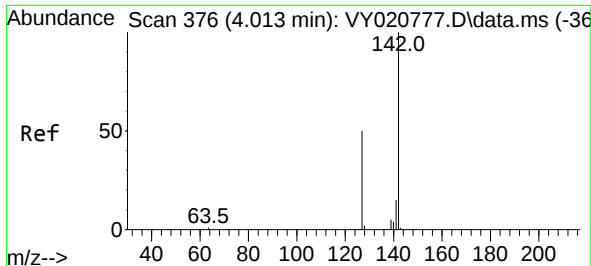
Tgt Ion:168 Resp: 7441
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5



#5
Bromomethane
Concen: 10.410 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.012 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

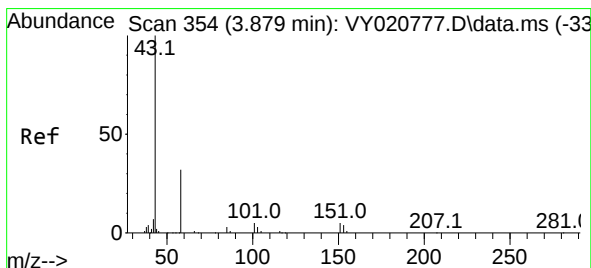
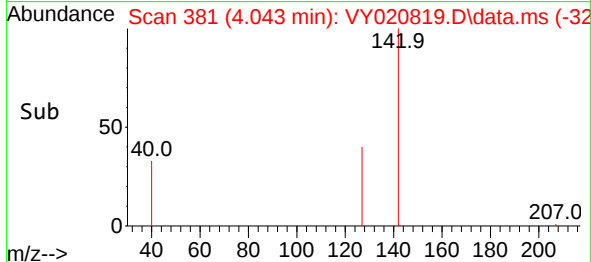
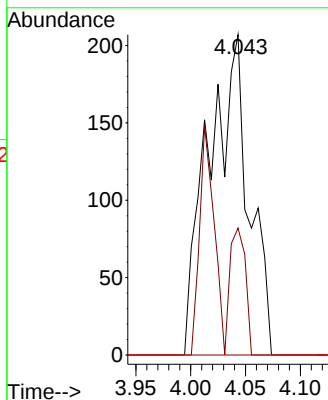
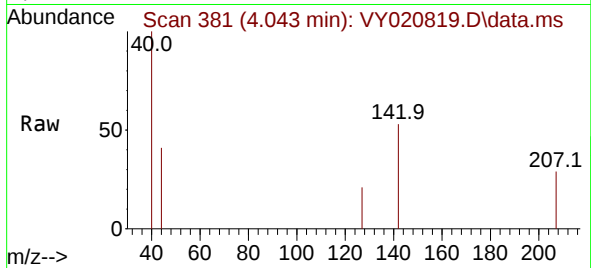
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 74.7 72.6 109.0





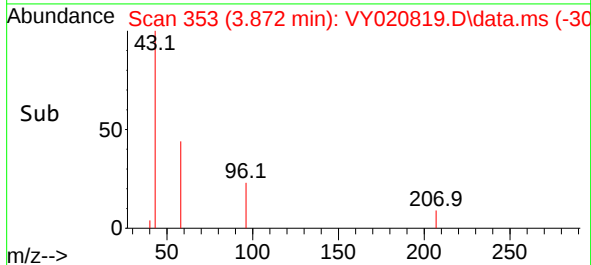
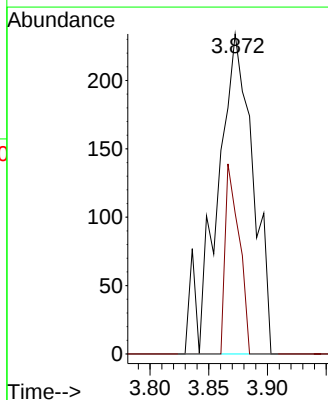
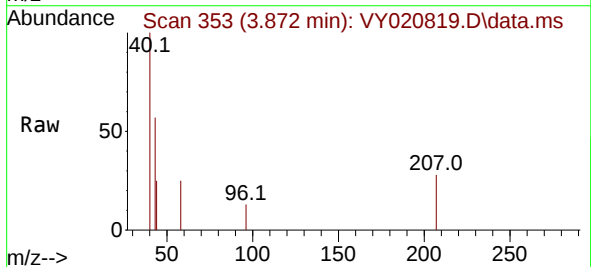
#10
Methyl Iodide
Concen: 7.479 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.030 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

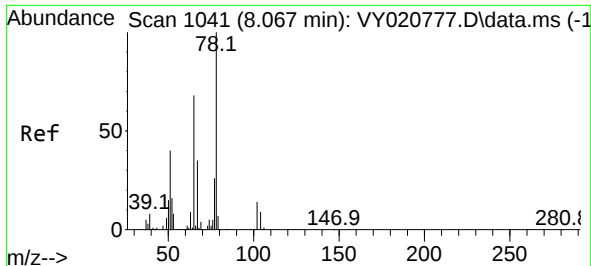
Tgt Ion:142 Resp: 531
Ion Ratio Lower Upper
142 100
127 15.1 41.0 61.6#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 55.594 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

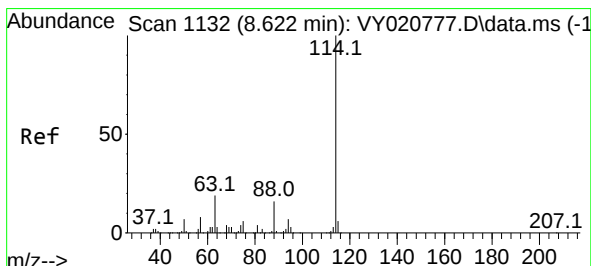
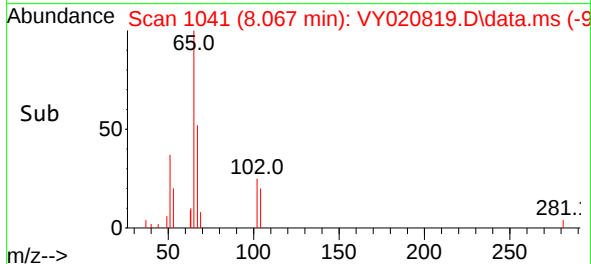
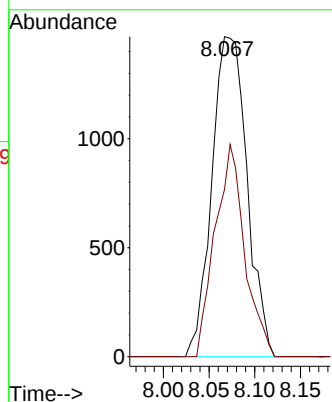
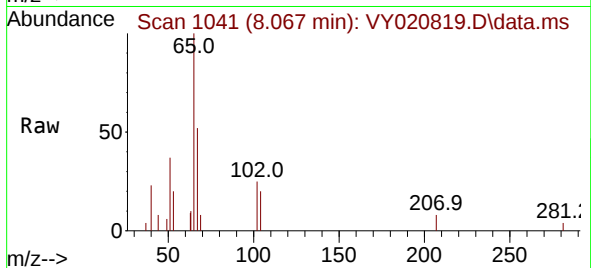
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 44.0 26.7 40.1#





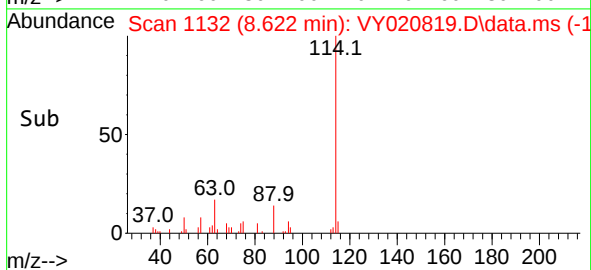
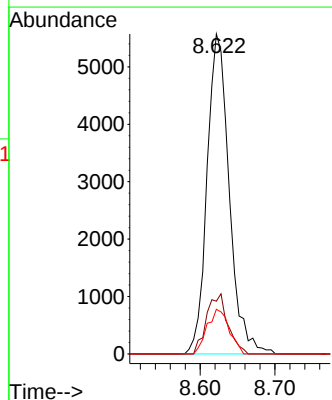
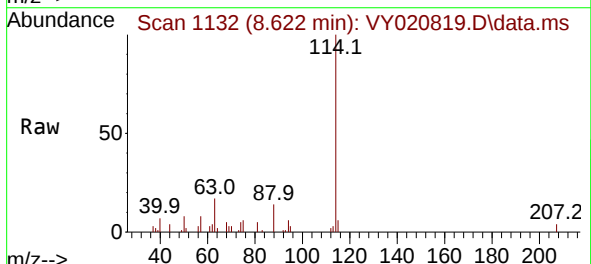
#33
1,2-Dichloroethane-d4
Concen: 62.233 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

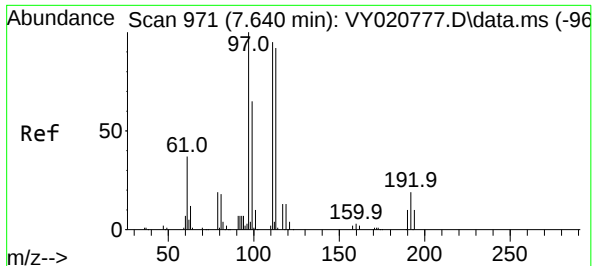
Tgt Ion: 65 Resp: 3936
Ion Ratio Lower Upper
65 100
67 55.5 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

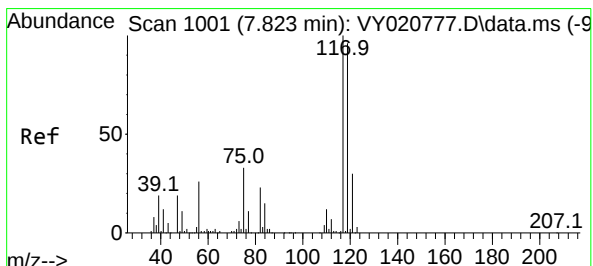
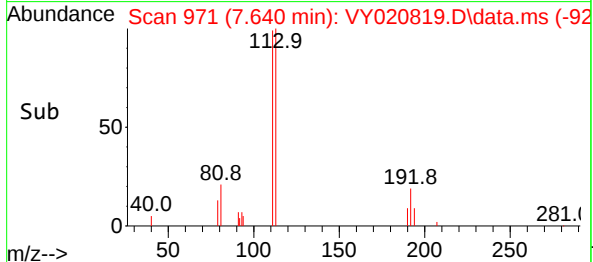
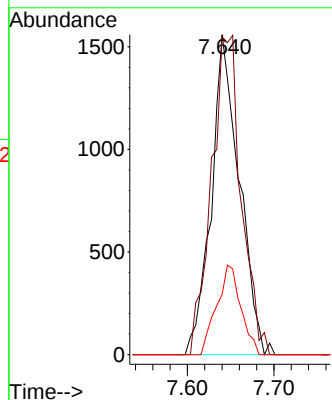
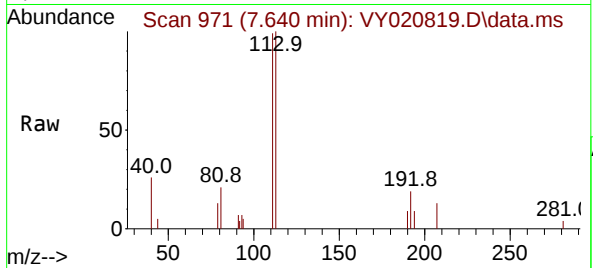
Tgt Ion: 114 Resp: 11502
Ion Ratio Lower Upper
114 100
63 16.5 0.0 38.4
88 14.0 0.0 31.2





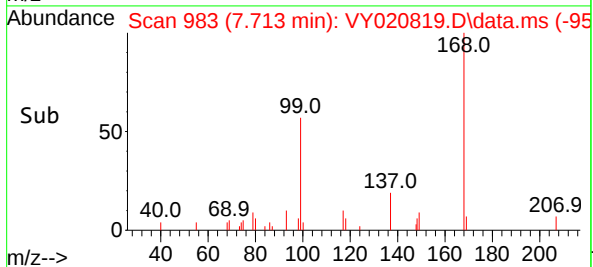
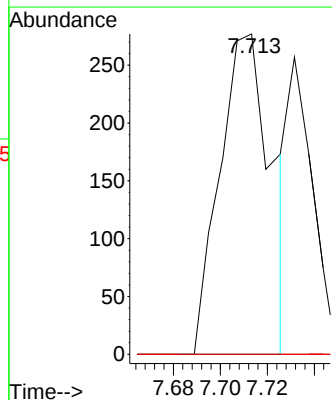
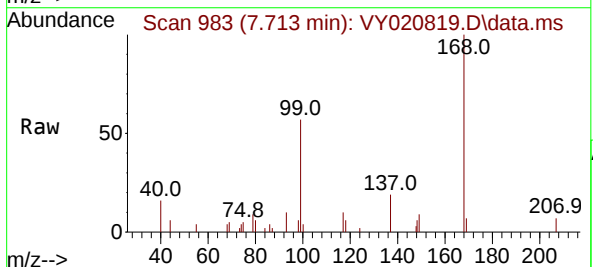
#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

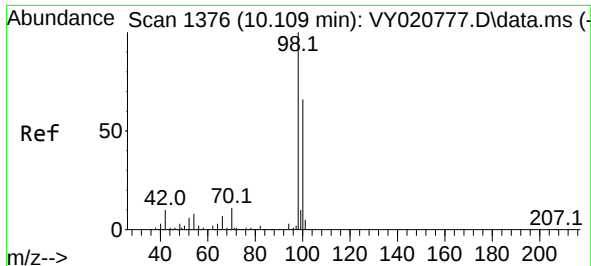
Tgt Ion:113 Resp: 3502
Ion Ratio Lower Upper
113 100
111 105.9 81.7 122.5
192 24.0 16.7 25.1



#38
Carbon Tetrachloride
Concen: 3.306 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

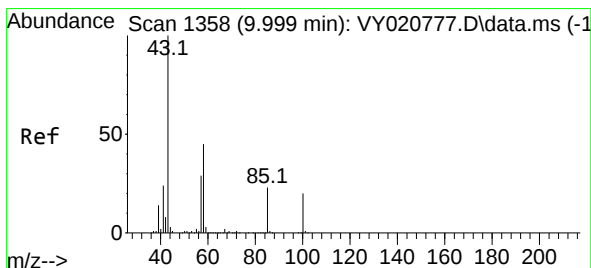
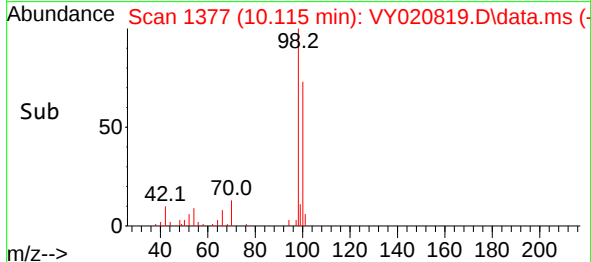
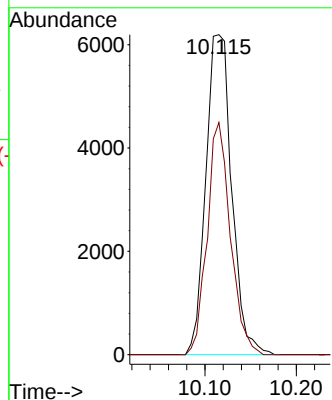
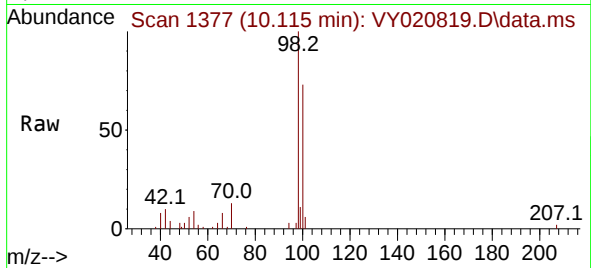
Tgt Ion:117 Resp: 423
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#





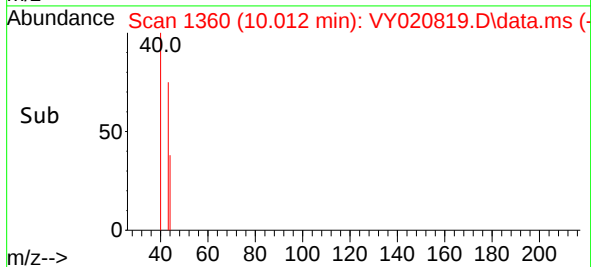
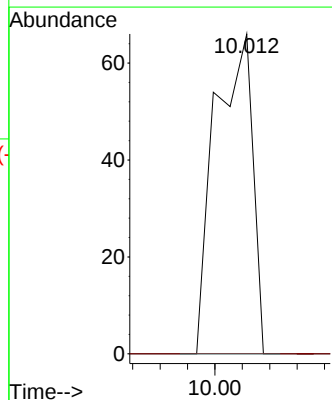
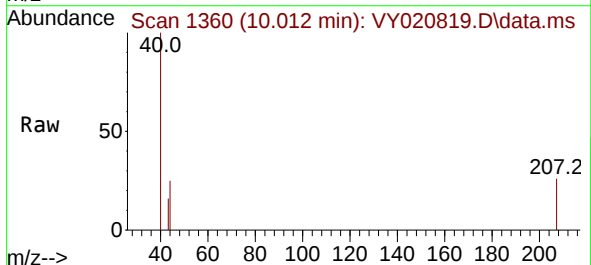
#50
Toluene-d8
Concen: 48.675 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

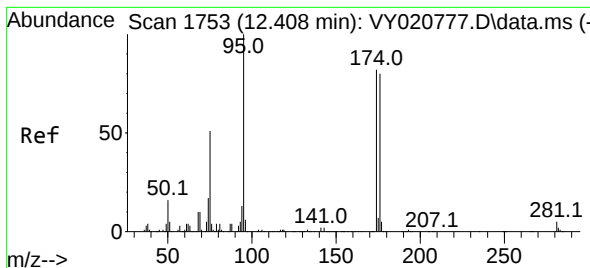
Tgt Ion: 98 Resp: 12227
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.695 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

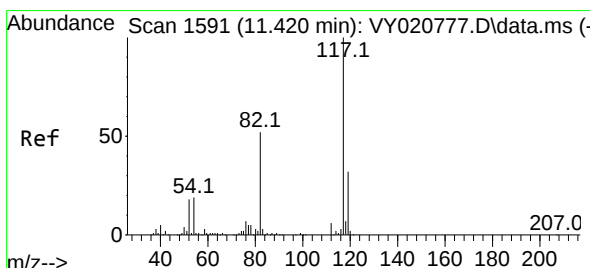
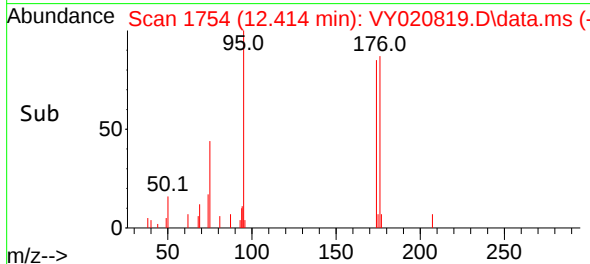
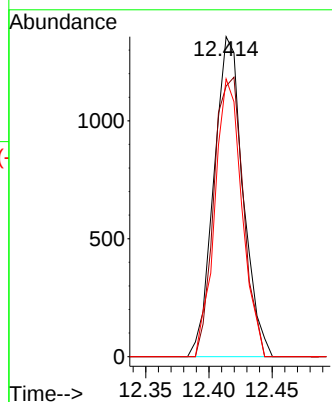
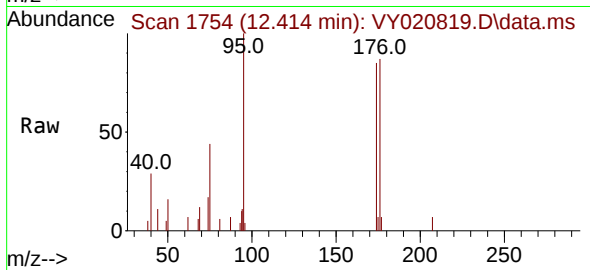
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 34.8 52.2#





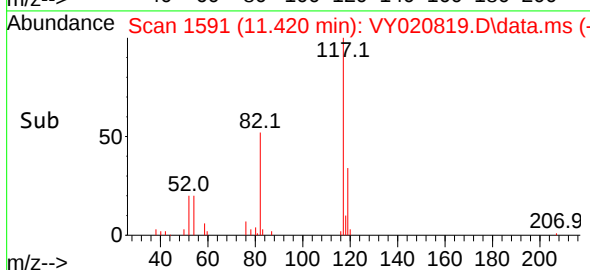
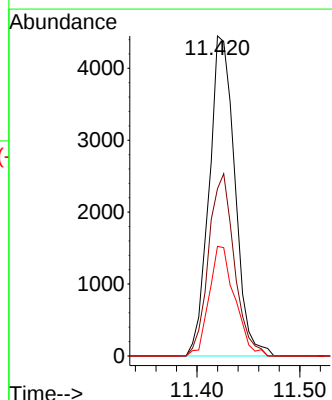
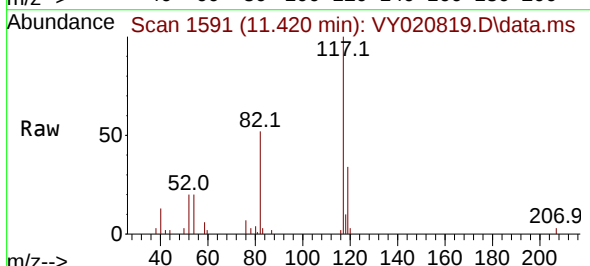
#62
4-Bromofluorobenzene
Concen: 23.414 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

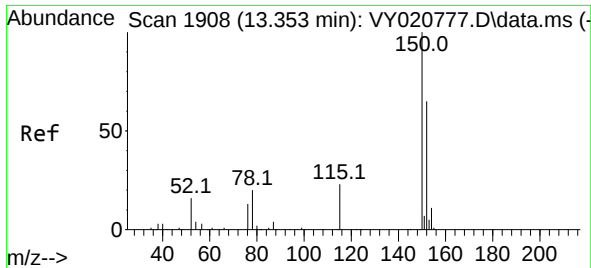
Tgt Ion: 95	Resp: 2172
Ion Ratio	Lower Upper
95	100
174	88.0 0.0 178.0
176	80.8 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

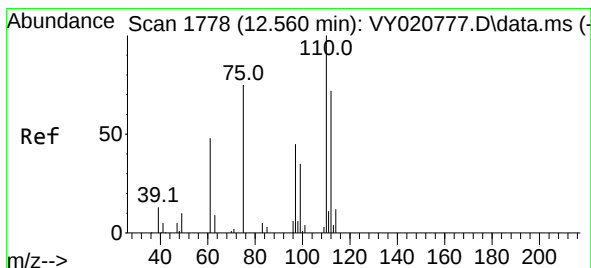
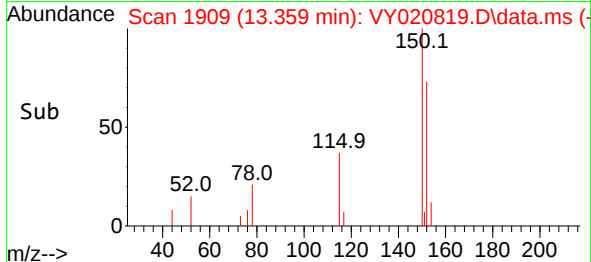
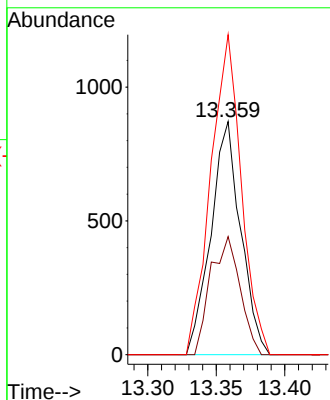
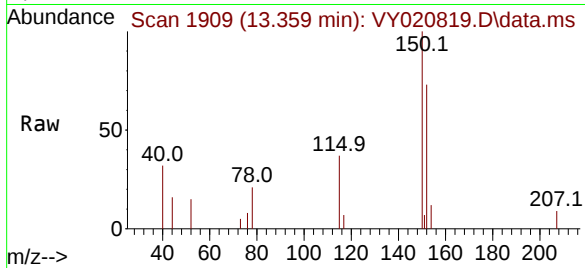
Tgt Ion: 117	Resp: 7729
Ion Ratio	Lower Upper
117	100
82	52.2 41.8 62.6
119	34.2 25.8 38.8





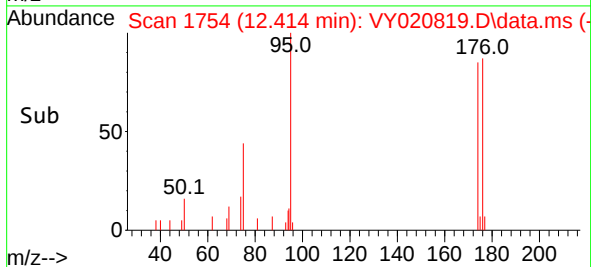
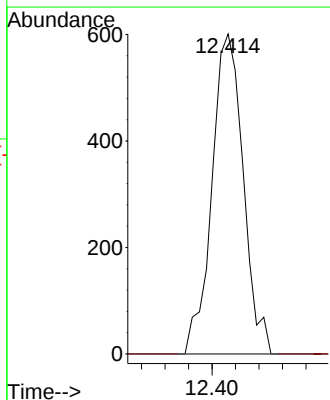
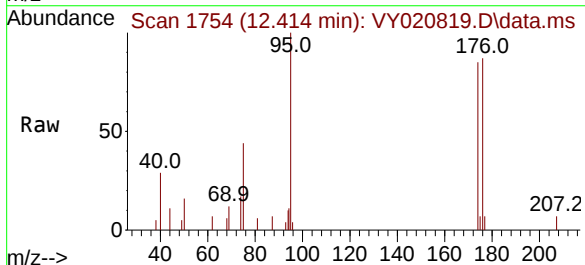
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

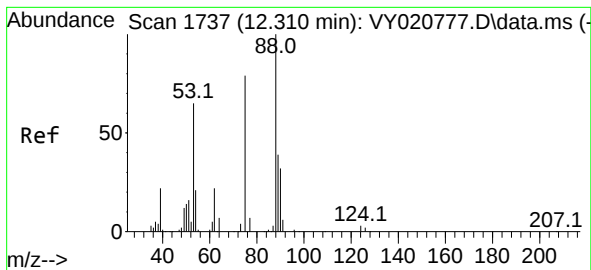
Tgt Ion:152 Resp: 1318
Ion Ratio Lower Upper
152 100
115 49.9 29.0 87.0
150 140.8 0.0 347.4



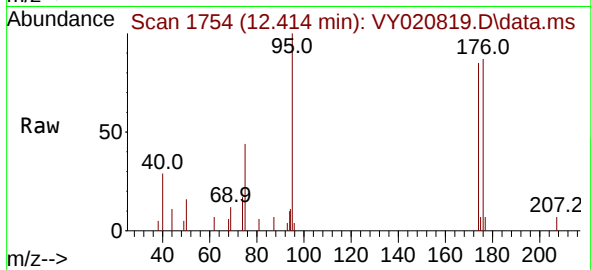
#76
1,2,3-Trichloropropane
Concen: 96.512 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

Tgt Ion: 75 Resp: 1113
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 203.499 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. 0.104 min
 Lab File: VY020819.D
 Acq: 14 Jan 2025 13:38



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#

