

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

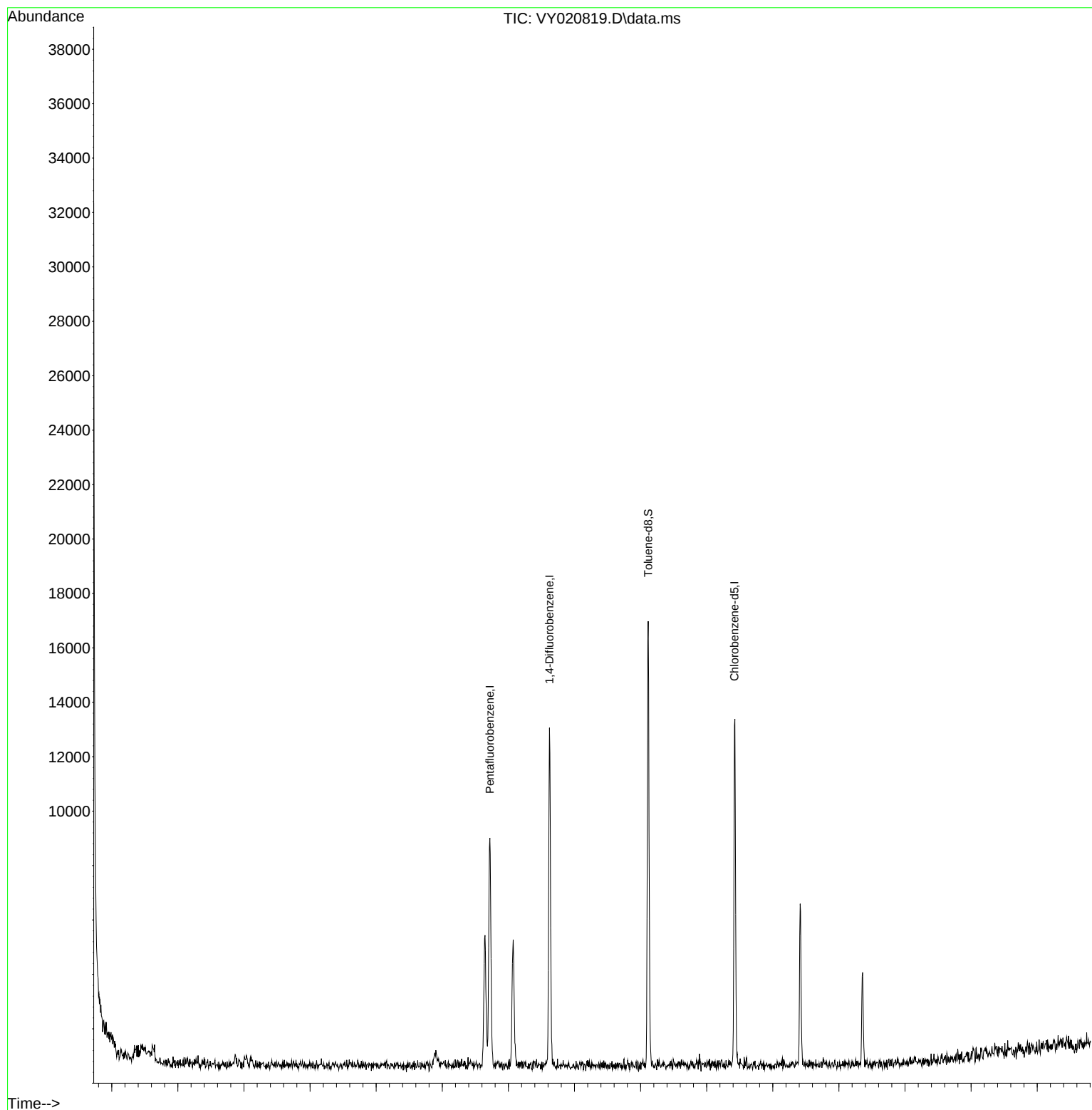
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

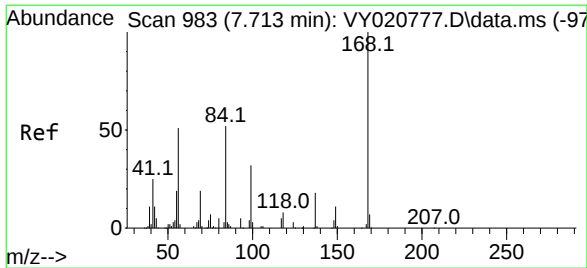
Internal Standards						
1) Pentafluorobenzene	7.719	168	7441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	11502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	7729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

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

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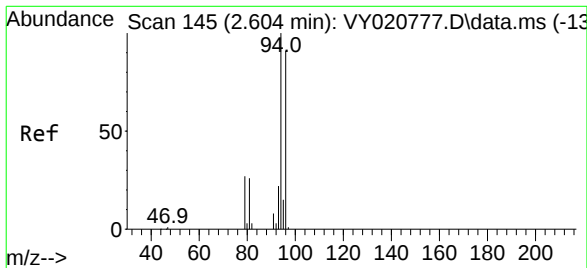
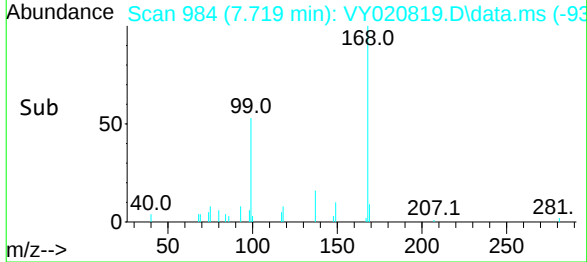
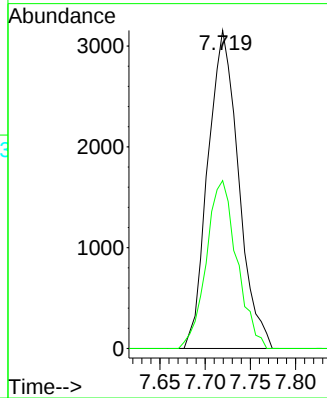
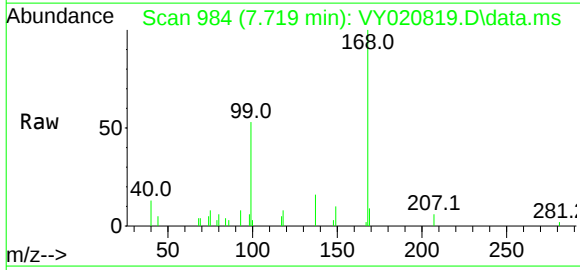
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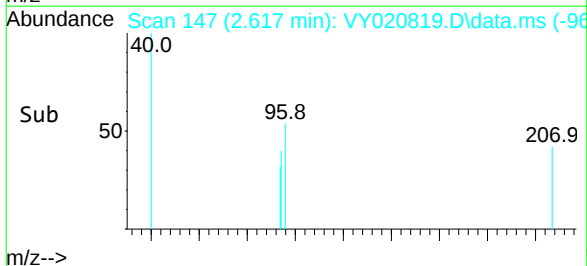
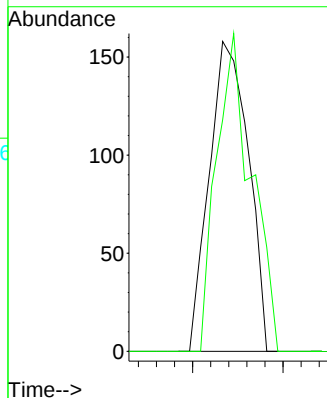
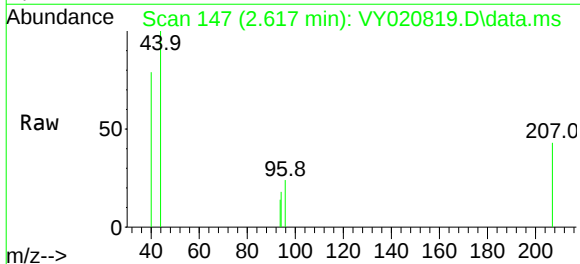
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

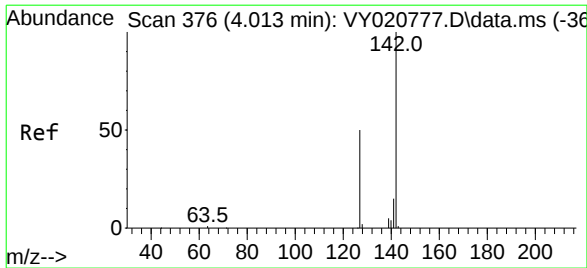
Tgt Ion: 168 Resp: 7441
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5



#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

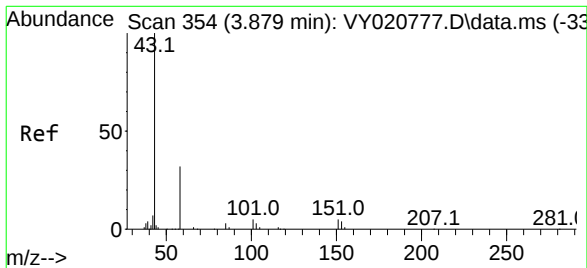
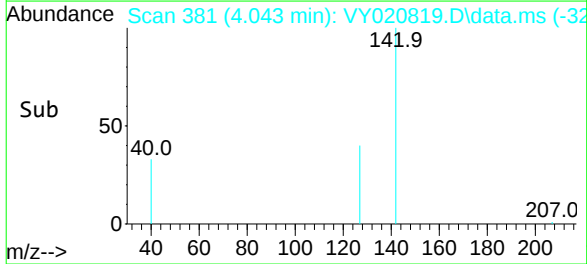
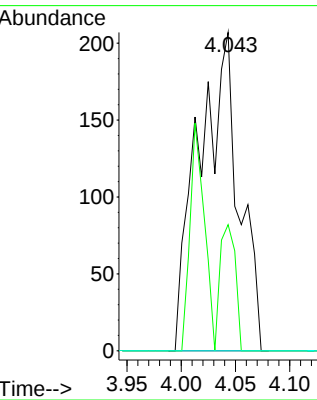
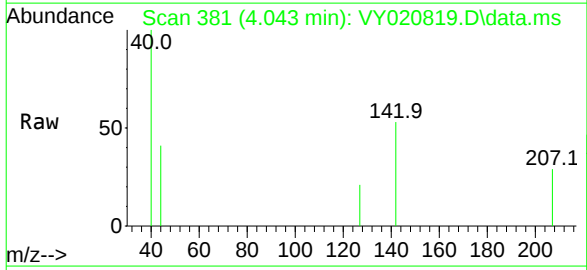
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 74.7 72.6 109.0





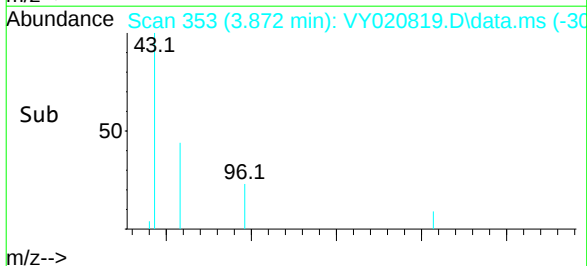
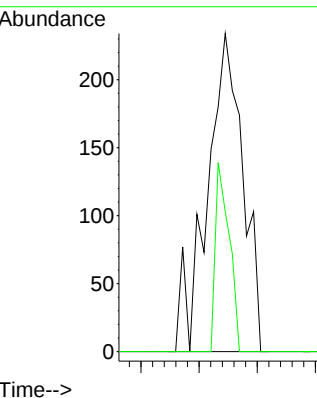
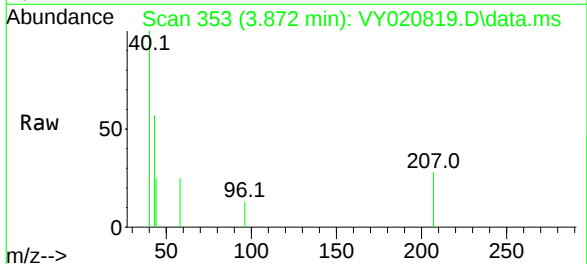
#10
Methyl Iodide
Concen: 7.479 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.030 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

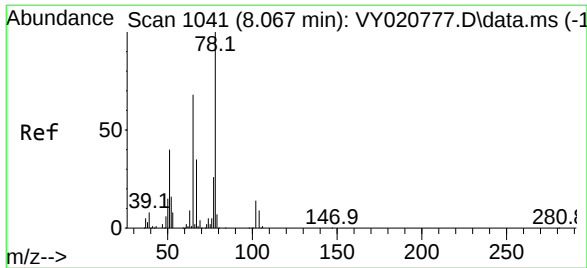
Tgt Ion:	142	Resp:	531
Ion	Ratio	Lower	Upper
142	100		
127	15.1	41.0	61.6#
141	0.0	11.6	17.4#



#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

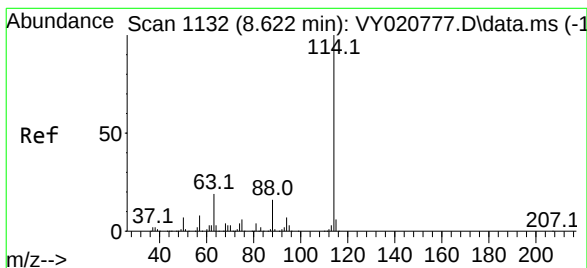
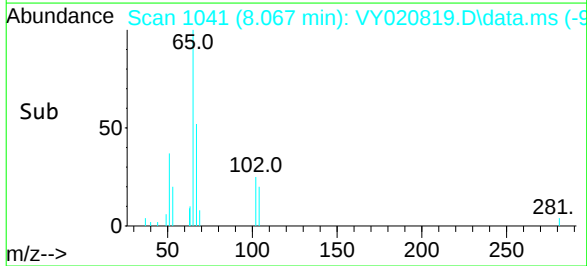
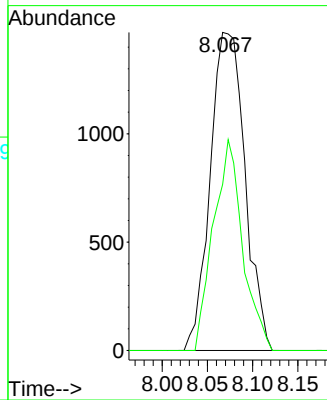
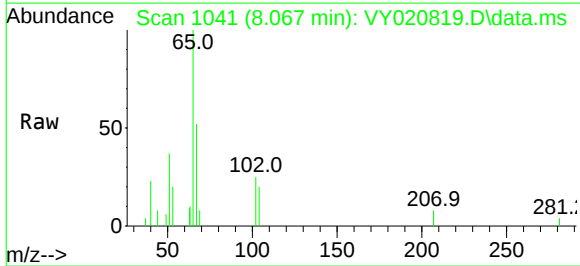
Tgt Ion:	43	Resp:	500
Ion	Ratio	Lower	Upper
43	100		
58	44.0	26.7	40.1#





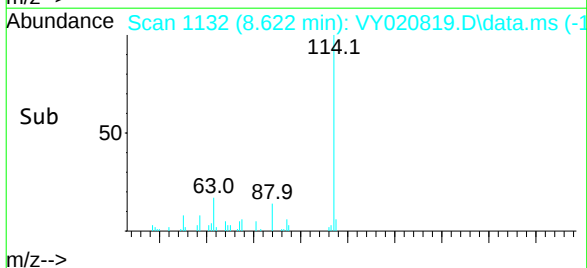
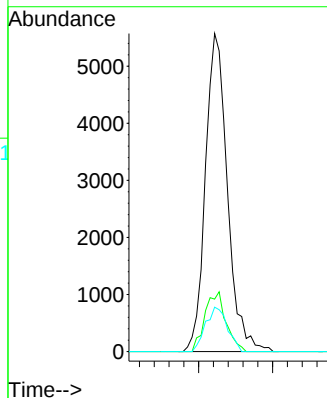
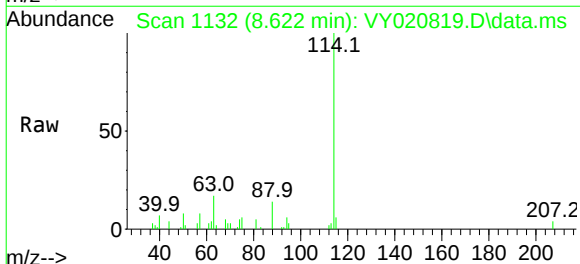
#33
1,2-Dichloroethane-d4
Concen: 62.233 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

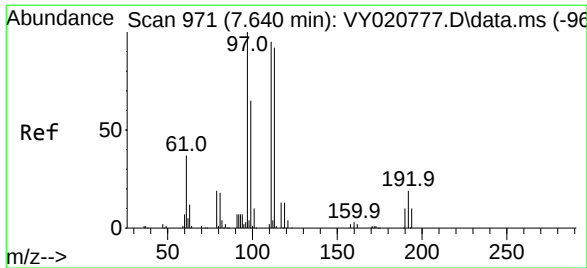
Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	102.8



#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

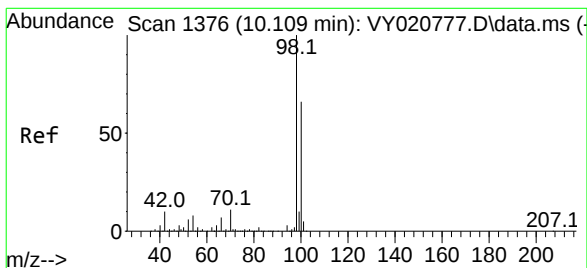
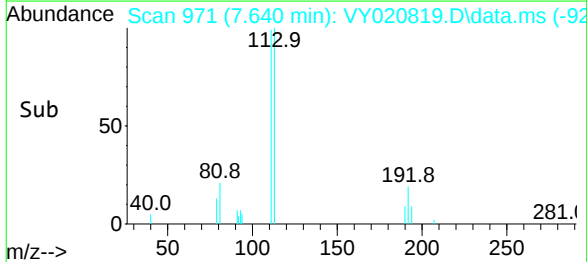
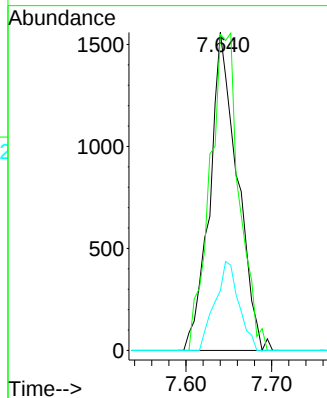
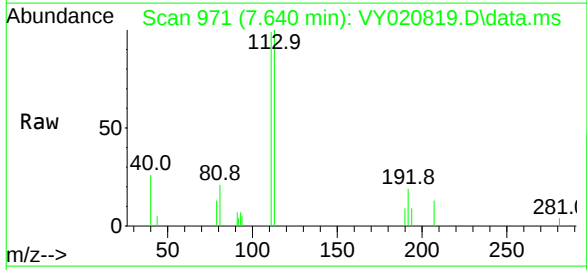
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	38.4
88	14.0	0.0	31.2





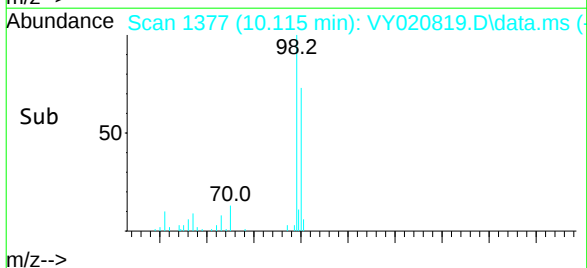
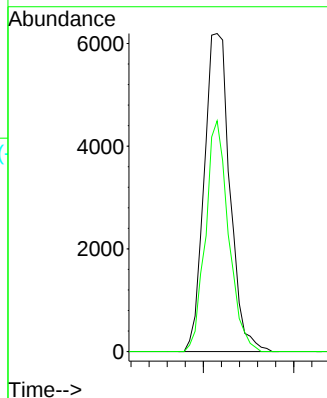
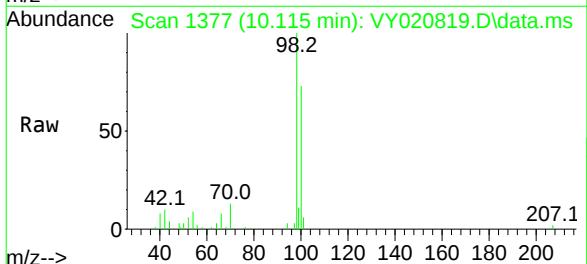
#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

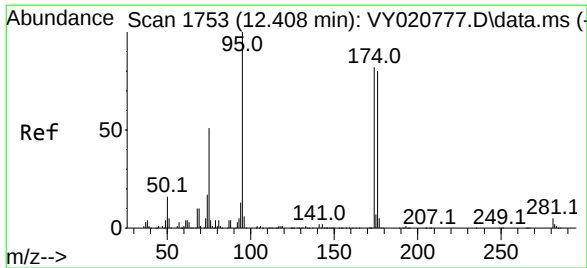
Tgt Ion:	113	Resp:	3502
Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.7	122.5
192	24.0	16.7	25.1



#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

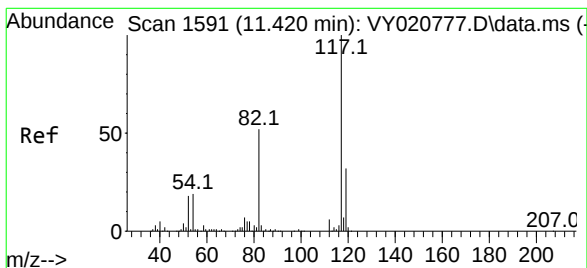
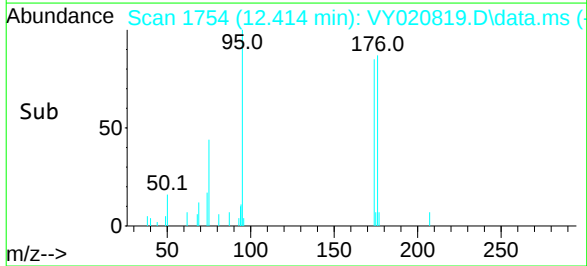
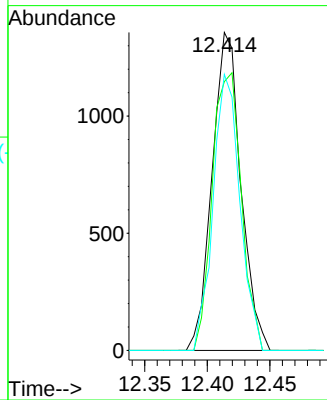
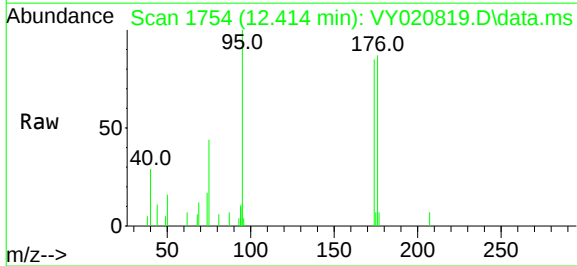
Tgt Ion:	98	Resp:	12227
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7





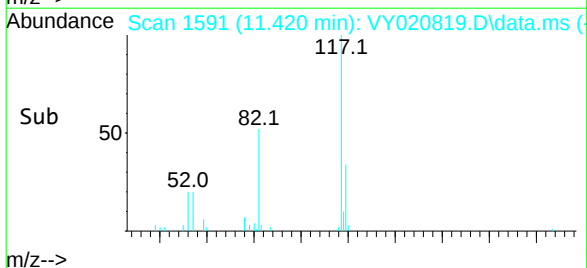
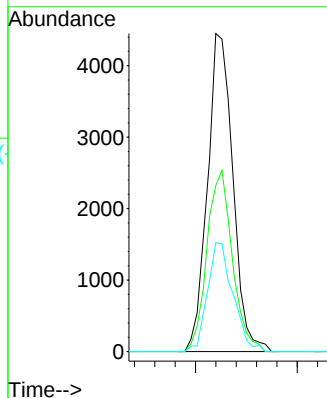
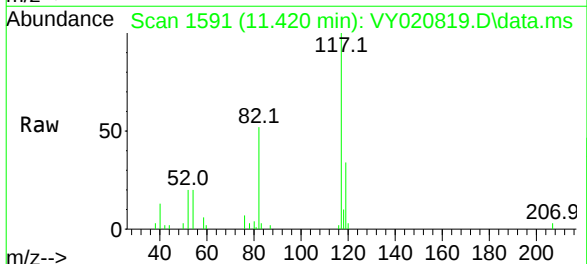
#62
4-Bromofluorobenzene
Concen: 23.414 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020819.D
Acq: 14 Jan 2025 13:38

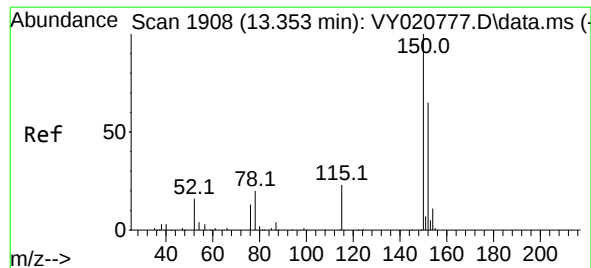
Tgt Ion:	95	Resp:	2172
Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	178.0
176	80.8	0.0	172.0



#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	Ratio	Lower	Upper
152	100		
115	49.9	29.0	87.0
150	140.8	0.0	347.4

