

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023476.D
 Acq On : 15 Oct 2025 13:38
 Operator : SY/MD
 Sample : Q3352-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 02:45:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

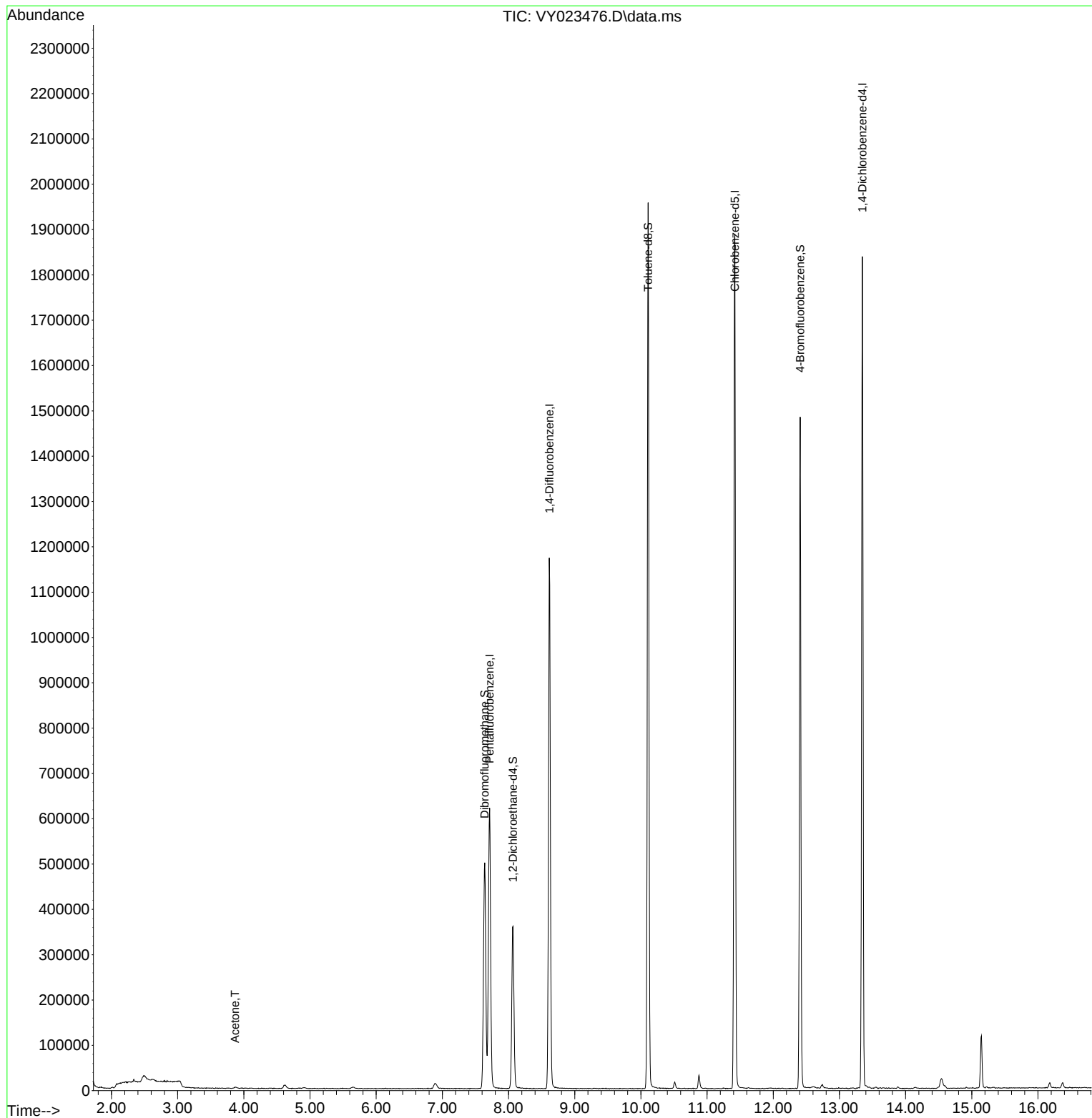
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

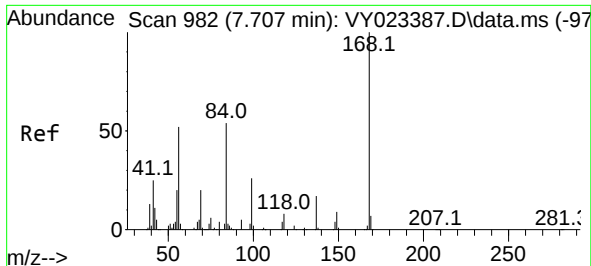
Internal Standards						
1) Pentafluorobenzene	7.713	168	521144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1049792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1089733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	488564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	283570	65.071	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.140%		
35) Dibromofluoromethane	7.640	113	359594	55.747	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.500%		
50) Toluene-d8	10.109	98	1280737	53.315	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.620%		
62) 4-Bromofluorobenzene	12.408	95	434987	54.847	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 109.700%		
Target Compounds						
						Qvalue
16) Acetone	3.866	43	4506	4.343	ug/l	93

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

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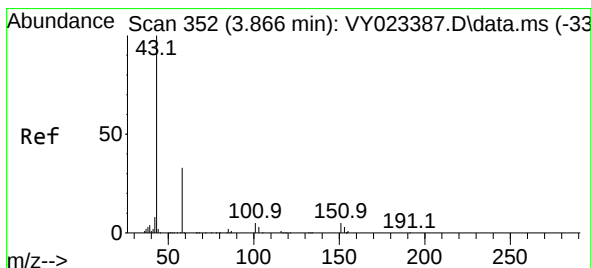
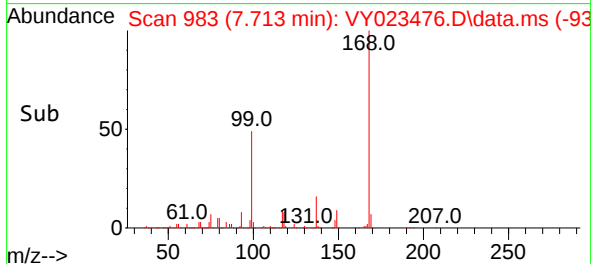
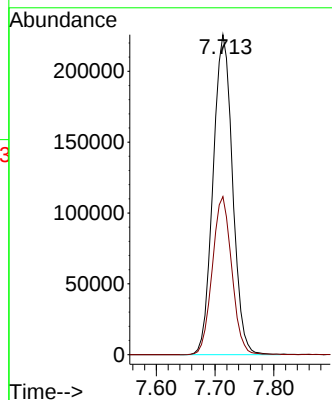
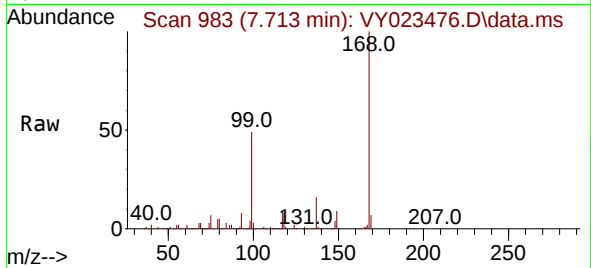
Quant Time: Oct 16 02:45:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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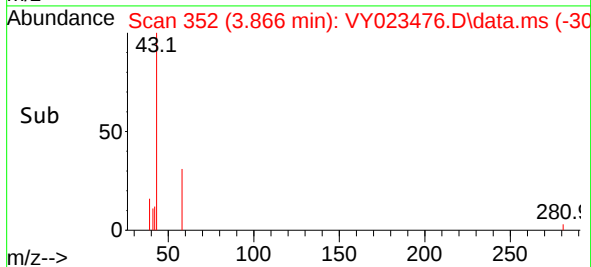
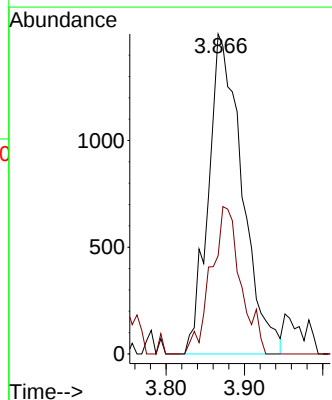
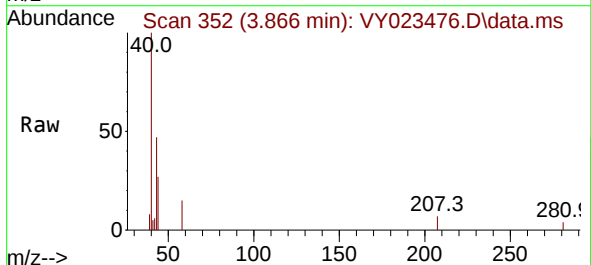
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

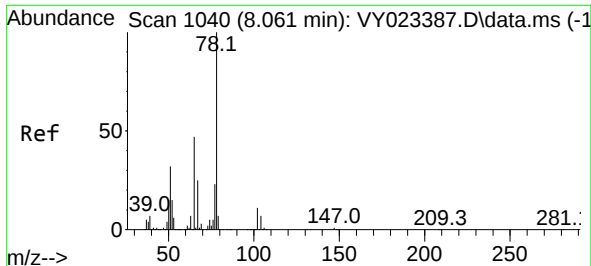
Tgt Ion:168 Resp: 521144
Ion Ratio Lower Upper
168 100
99 49.4 39.7 59.5



#16
Acetone
Concen: 4.343 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

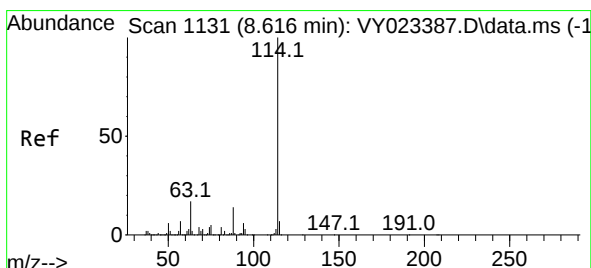
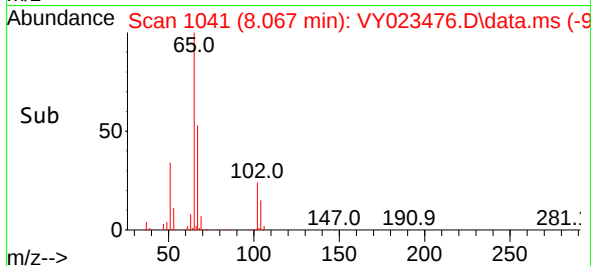
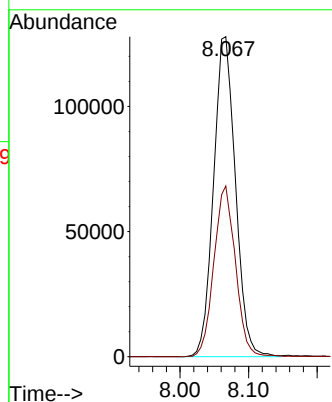
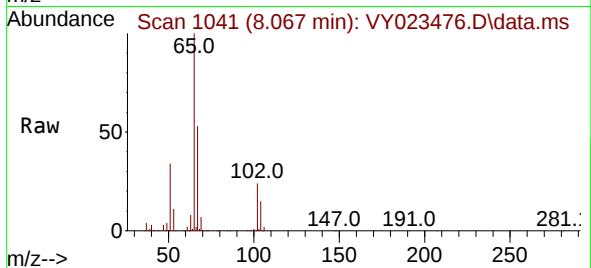
Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
58 30.7 27.7 41.5





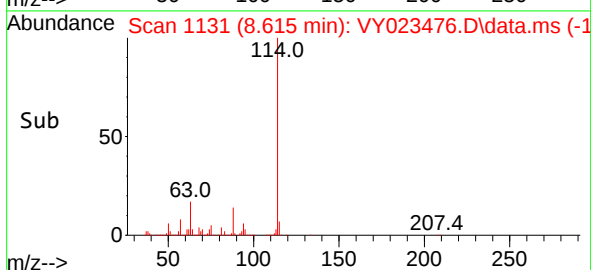
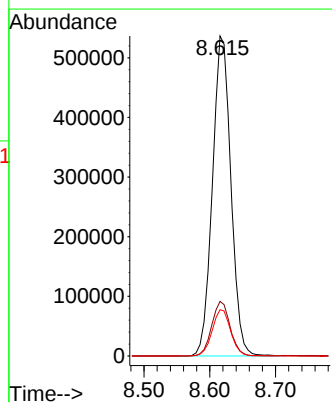
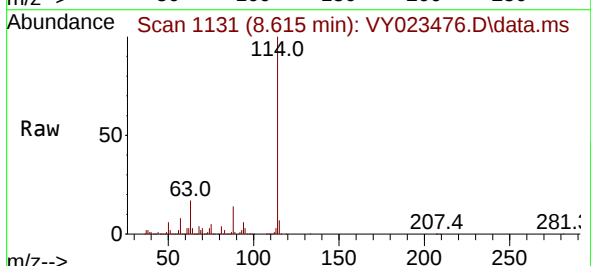
#33
 1,2-Dichloroethane-d4
 Concen: 65.071 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY023476.D
 Acq: 15 Oct 2025 13:38

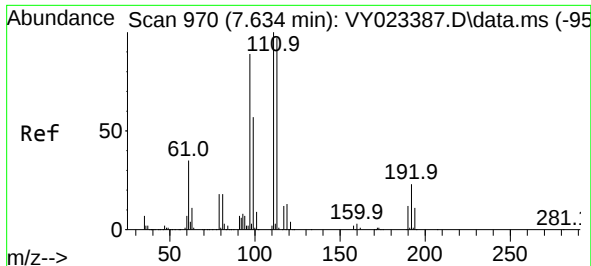
Tgt Ion: 65 Resp: 283570
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY023476.D
 Acq: 15 Oct 2025 13:38

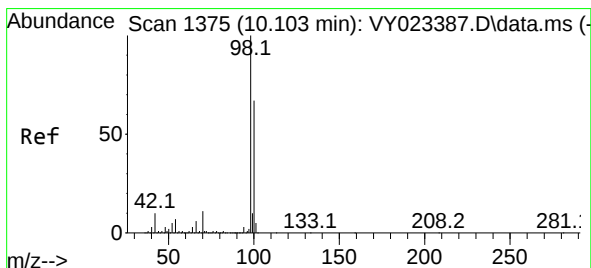
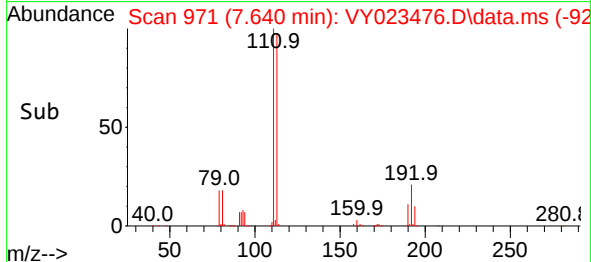
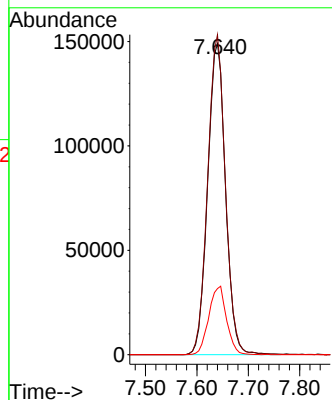
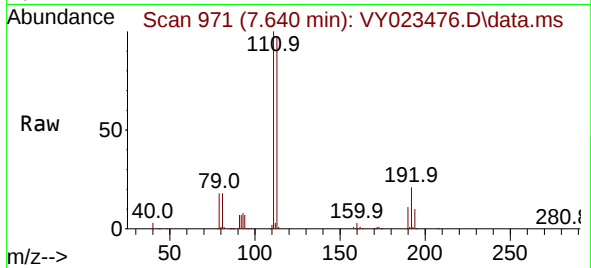
Tgt Ion: 114 Resp: 1049792
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.2
 88 14.5 0.0 28.4





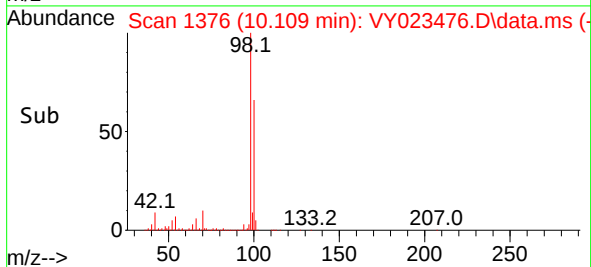
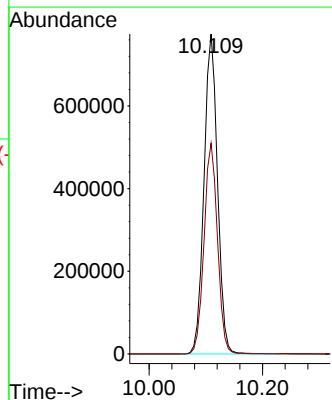
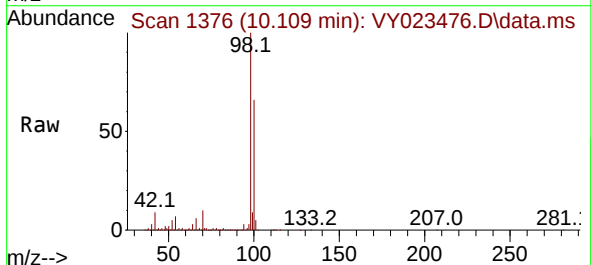
#35
Dibromofluoromethane
Concen: 55.747 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

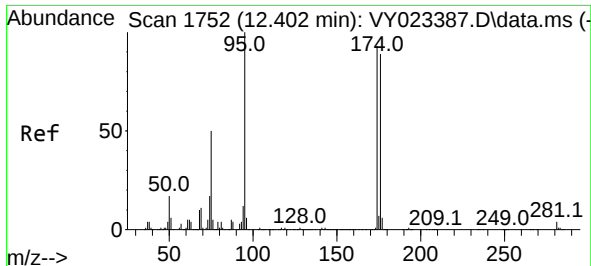
Tgt Ion:113 Resp: 359594
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 21.8 18.0 27.0



#50
Toluene-d8
Concen: 53.315 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

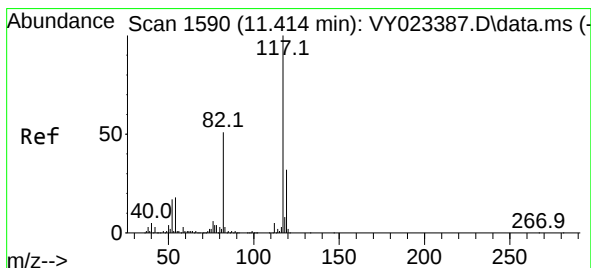
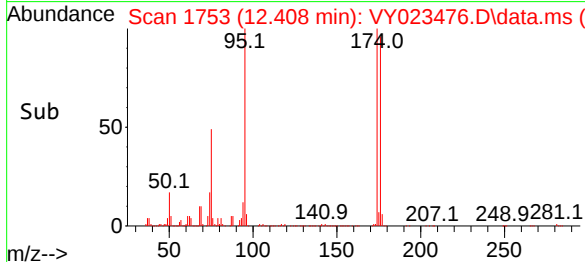
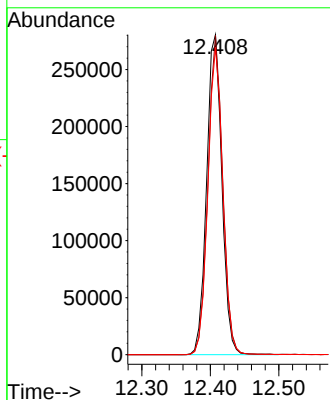
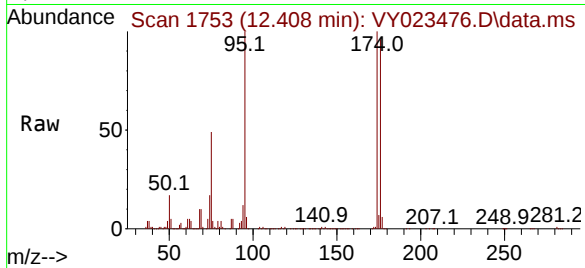
Tgt Ion: 98 Resp: 1280737
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4





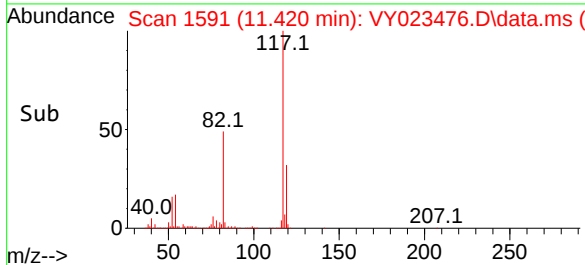
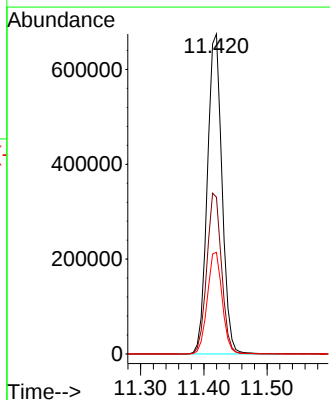
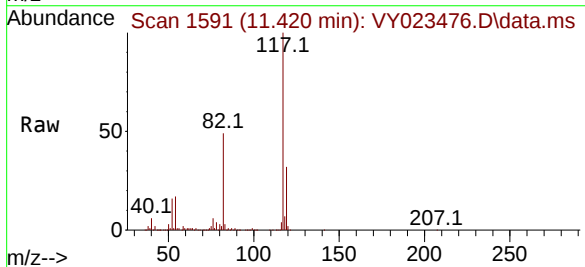
#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

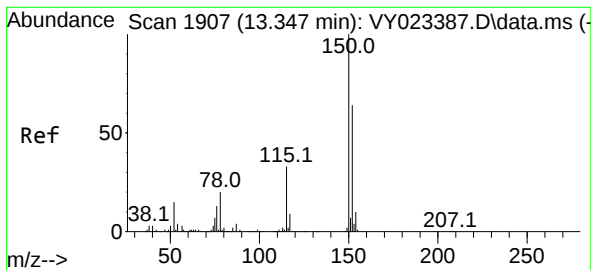
Tgt Ion: 95	Resp: 434987
Ion Ratio	Lower Upper
95	100
174	96.6 0.0 192.8
176	93.9 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023476.D
Acq: 15 Oct 2025 13:38

Tgt Ion: 117	Resp: 1089733
Ion Ratio	Lower Upper
117	100
82	49.0 41.0 61.4
119	31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023476.D
 Acq: 15 Oct 2025 13:38

Tgt Ion:152 Resp: 488564
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.1 81.2
 150 155.8 0.0 347.4

