

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023475.D
 Acq On : 15 Oct 2025 13:15
 Operator : SY/MD
 Sample : Q3348-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 02:44:39 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

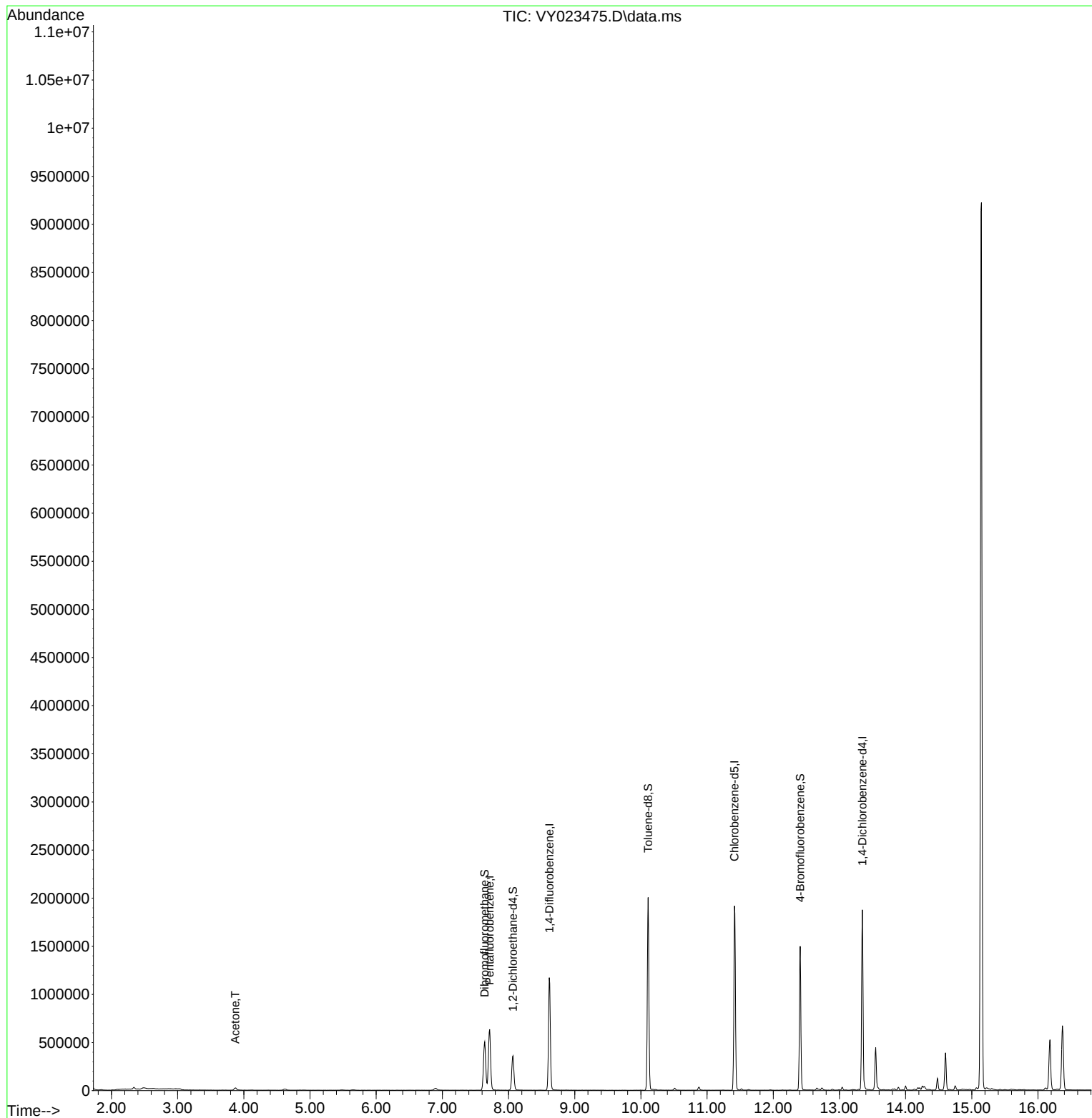
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	528132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1056119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1094625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	490229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	280335	63.477	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.960%		
35) Dibromofluoromethane	7.640	113	356102	54.875	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.740%		
50) Toluene-d8	10.109	98	1290496	53.399	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.800%		
62) 4-Bromofluorobenzene	12.408	95	431174	54.041	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 108.080%		
Target Compounds						
16) Acetone	3.873	43	40579	38.596	ug/l	Qvalue 97

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

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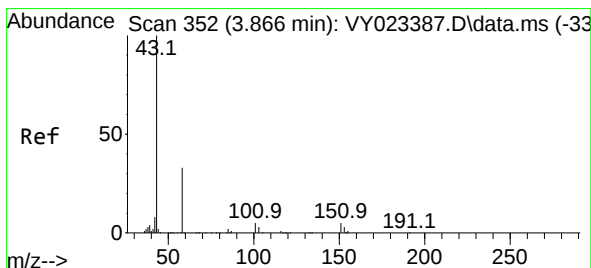
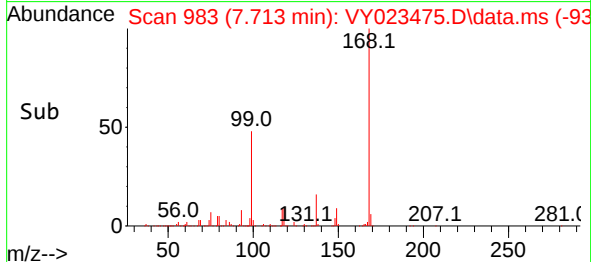
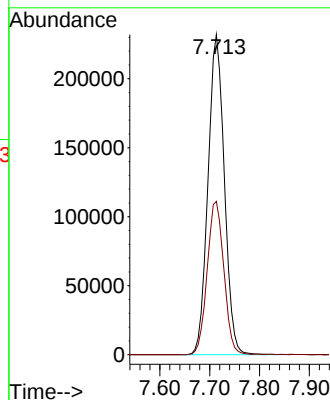
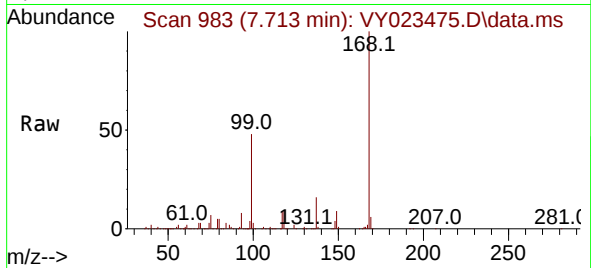
Quant Time: Oct 16 02:44:39 2025
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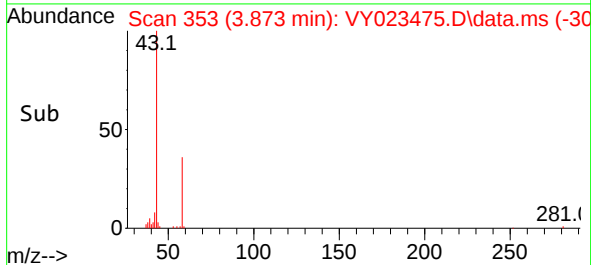
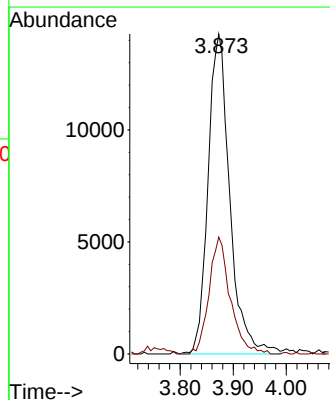
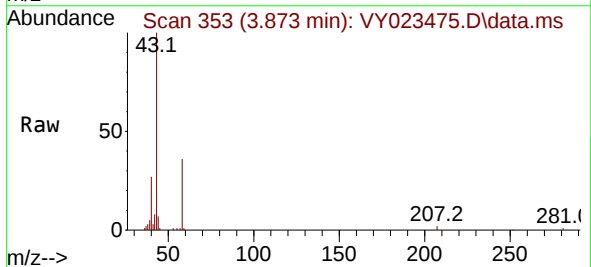
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

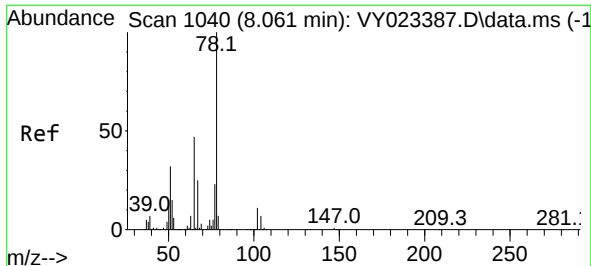
Tgt Ion:168 Resp: 528132
Ion Ratio Lower Upper
168 100
99 47.9 39.7 59.5



#16
Acetone
Concen: 38.596 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

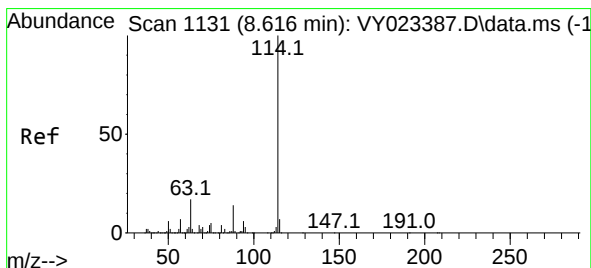
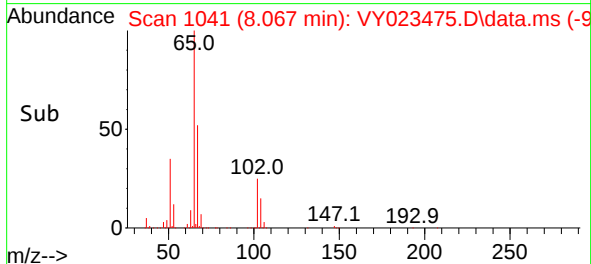
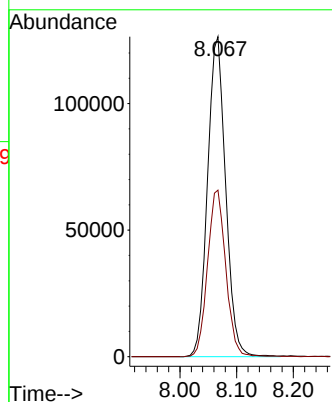
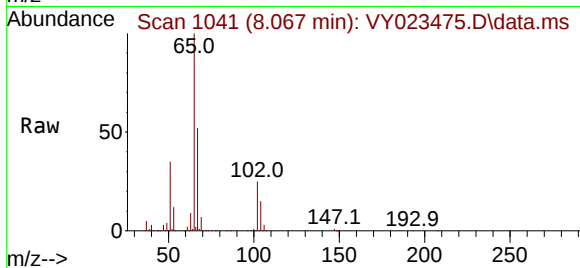
Tgt Ion: 43 Resp: 40579
Ion Ratio Lower Upper
43 100
58 36.5 27.7 41.5





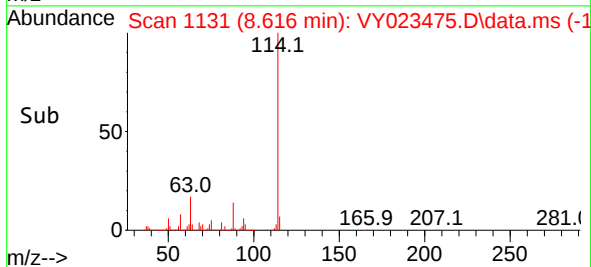
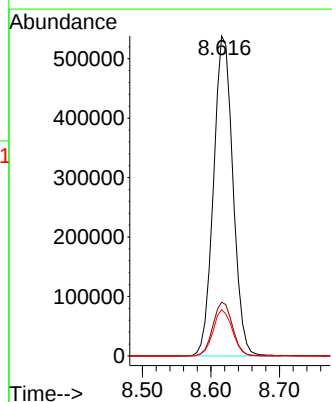
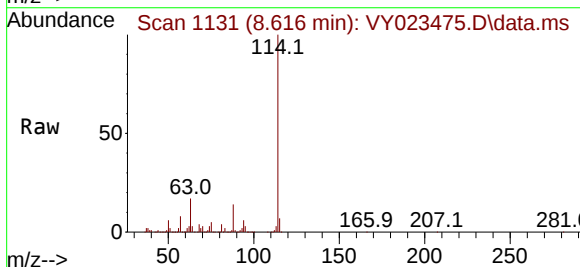
#33
1,2-Dichloroethane-d4
Concen: 63.477 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

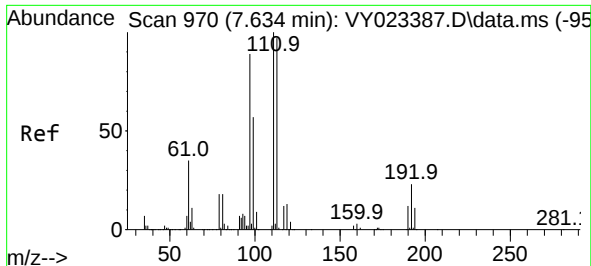
Tgt Ion: 65 Resp: 280335
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

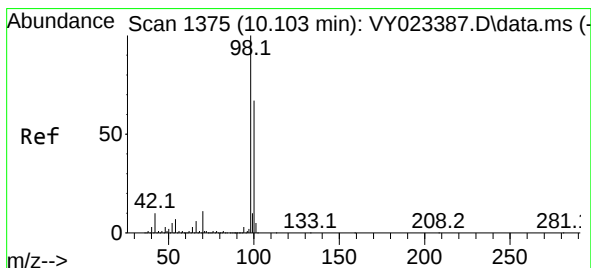
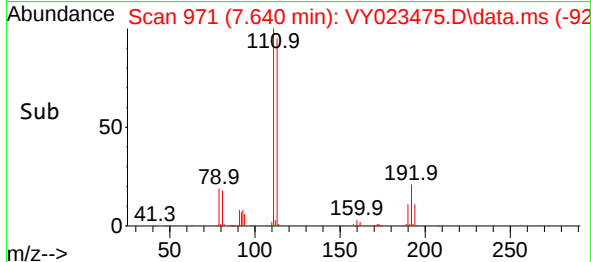
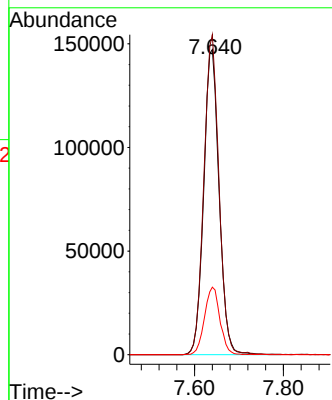
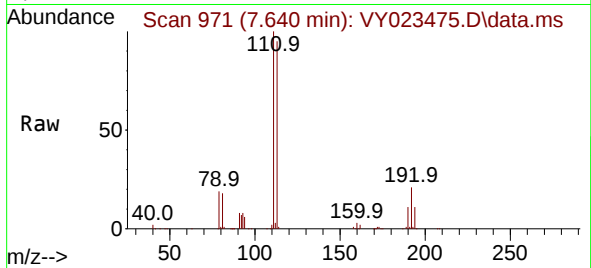
Tgt Ion: 114 Resp: 1056119
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.2
88 14.4 0.0 28.4





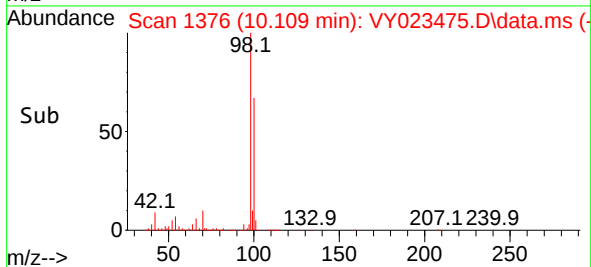
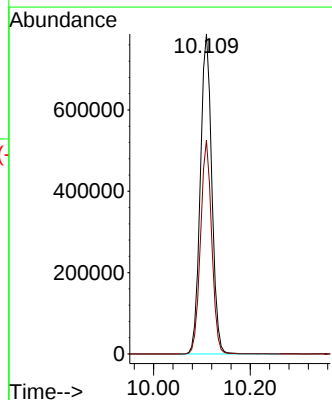
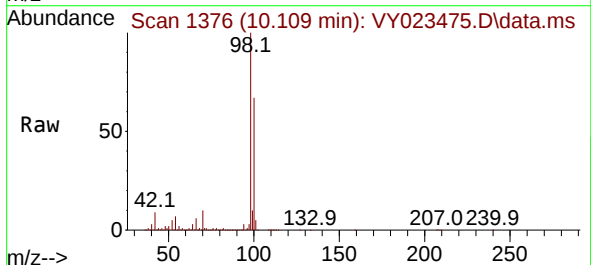
#35
Dibromofluoromethane
Concen: 54.875 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

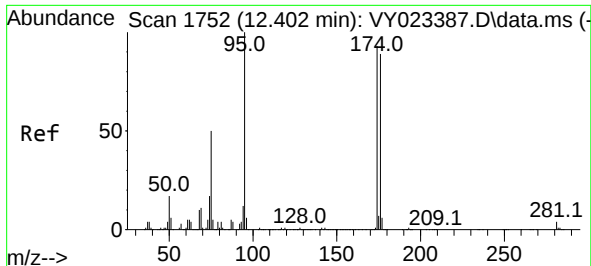
Tgt Ion:113 Resp: 356102
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 22.2 18.0 27.0



#50
Toluene-d8
Concen: 53.399 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

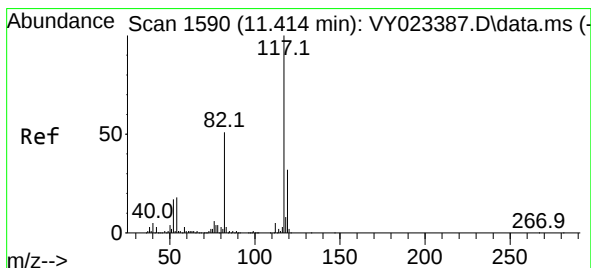
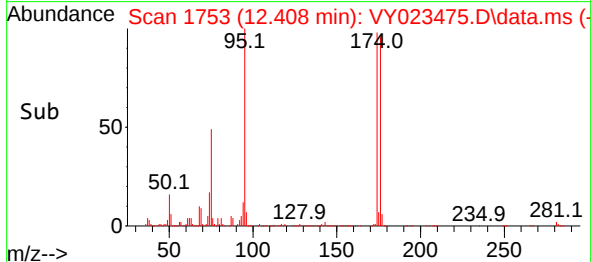
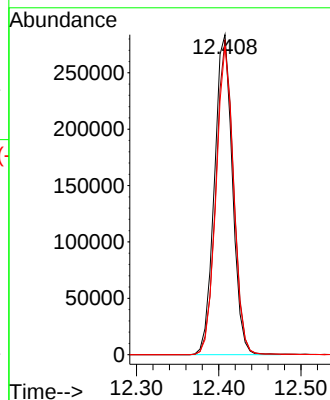
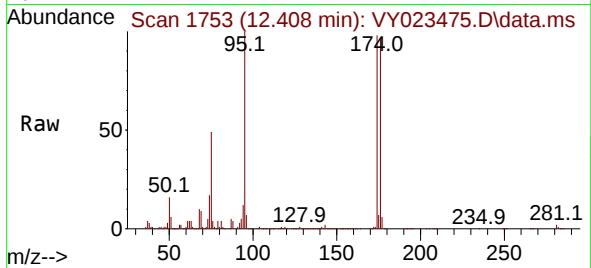
Tgt Ion: 98 Resp: 1290496
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4





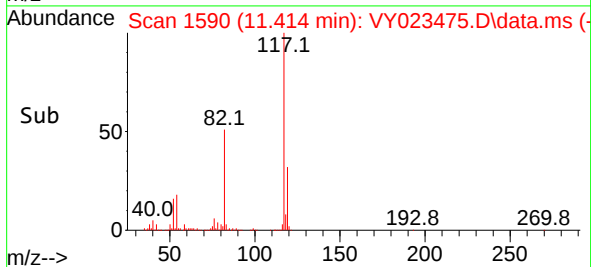
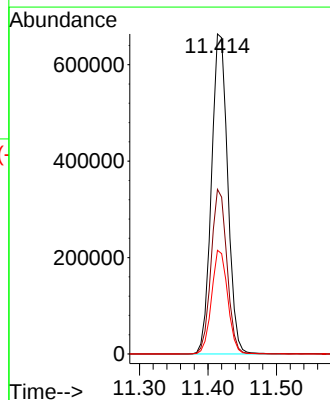
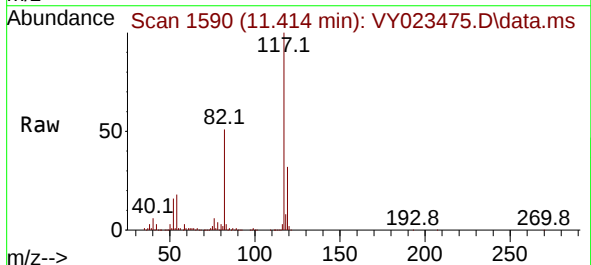
#62
4-Bromofluorobenzene
Concen: 54.041 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

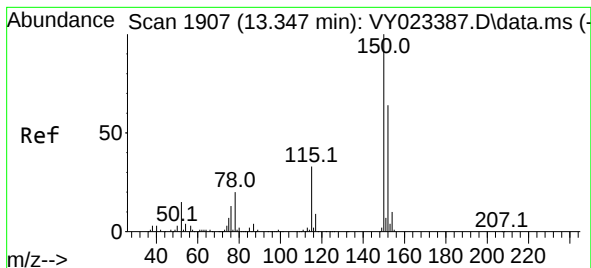
Tgt Ion: 95 Resp: 431174
Ion Ratio Lower Upper
95 100
174 96.7 0.0 192.8
176 93.8 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023475.D
Acq: 15 Oct 2025 13:15

Tgt Ion: 117 Resp: 1094625
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.4
119 32.4 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: VY023475.D
 Acq: 15 Oct 2025 13:15

Tgt Ion:152 Resp: 490229
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.1 81.2
 150 157.3 0.0 347.4

