

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
 Data File : VY023478.D
 Acq On : 15 Oct 2025 15:28
 Operator : SY/MD
 Sample : Q3354-01
 Misc : 3.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 16 02:45:44 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

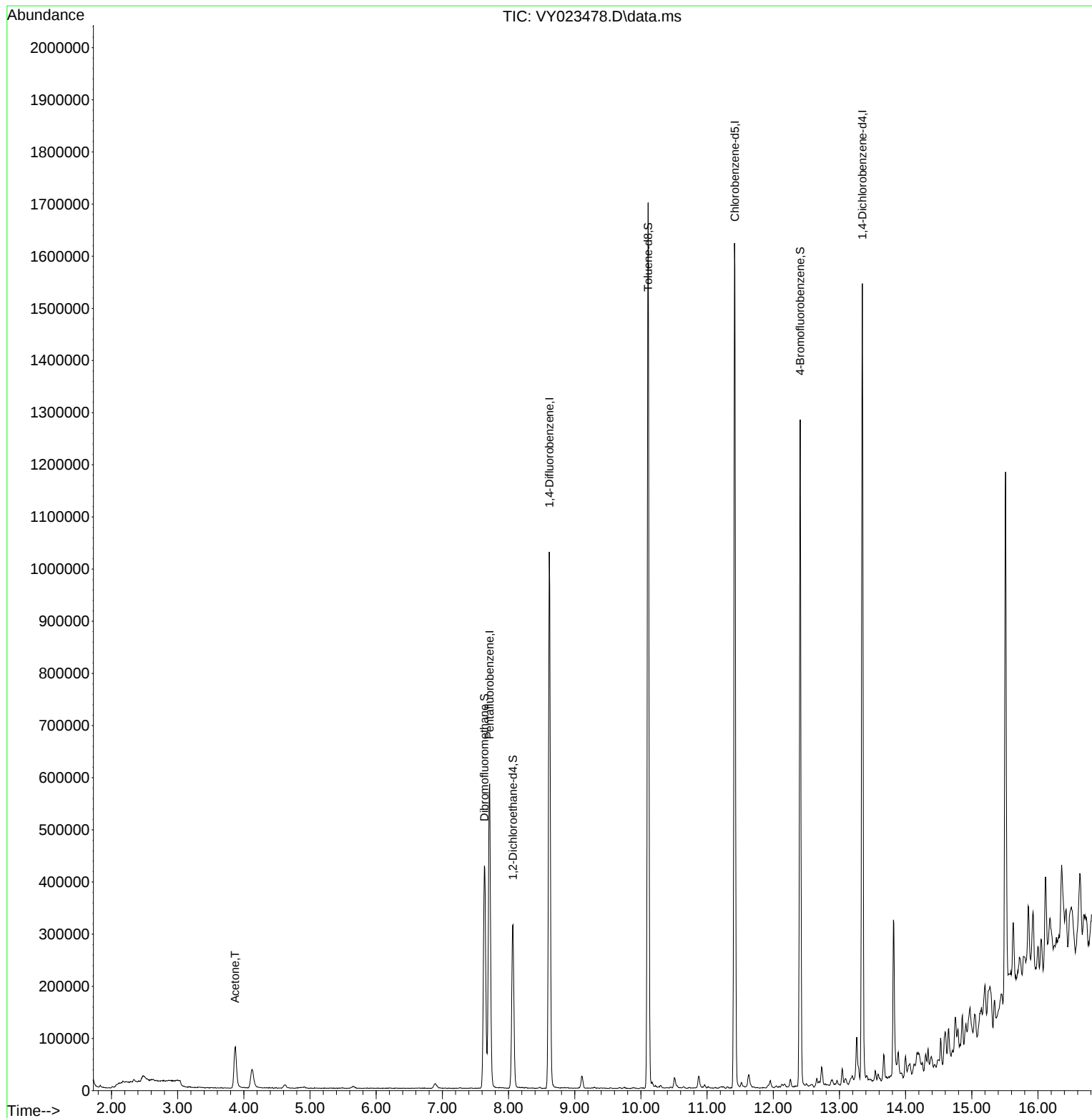
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

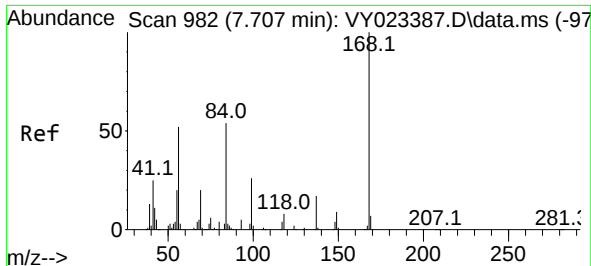
Internal Standards						
1) Pentafluorobenzene	7.713	168	480176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	923467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	922268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	415800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	248950	62.000	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.000%		
35) Dibromofluoromethane	7.634	113	311986	54.983	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.960%		
50) Toluene-d8	10.109	98	1122045	53.098	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.200%		
62) 4-Bromofluorobenzene	12.407	95	367677	52.702	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 105.400%		
Target Compounds						
16) Acetone	3.866	43	135186	141.420	ug/l	Qvalue 99

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

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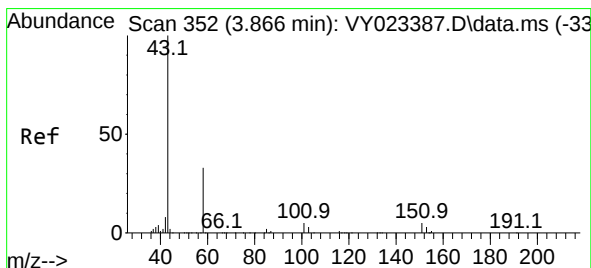
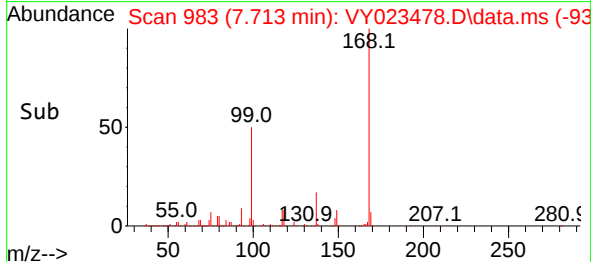
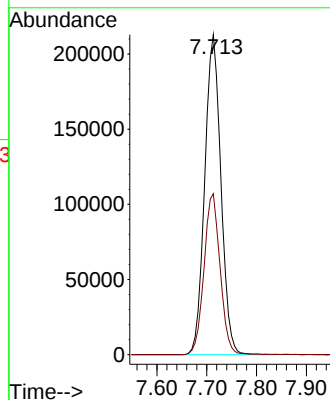
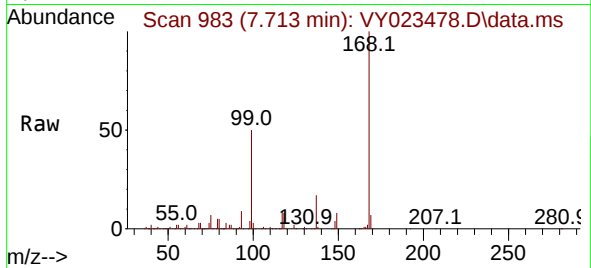
Quant Time: Oct 16 02:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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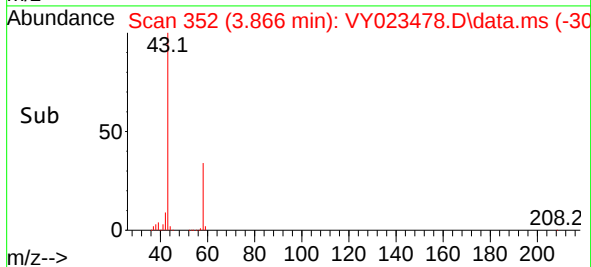
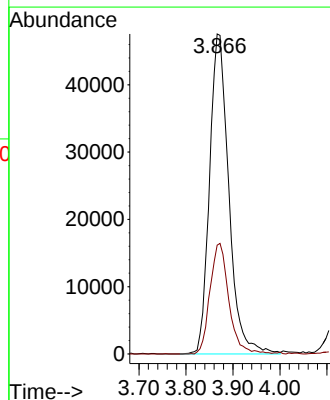
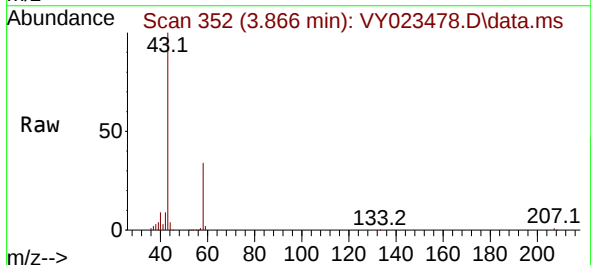
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

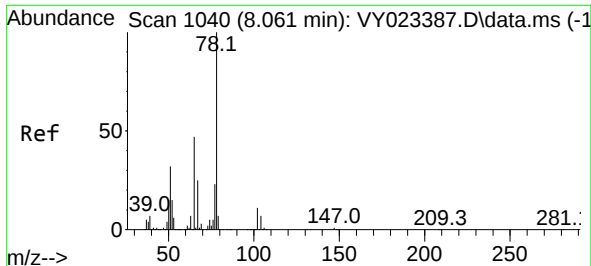
Tgt Ion:168 Resp: 480176
Ion Ratio Lower Upper
168 100
99 50.3 39.7 59.5



#16
Acetone
Concen: 141.420 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

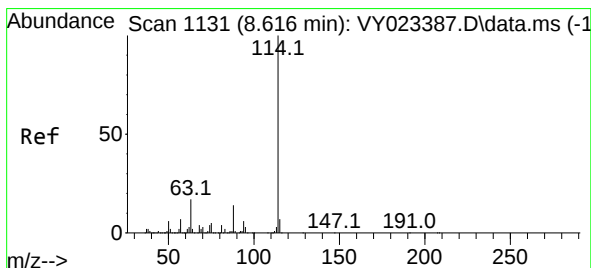
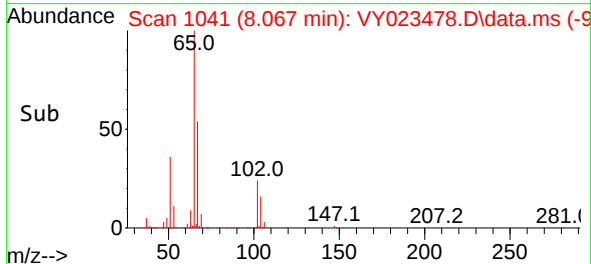
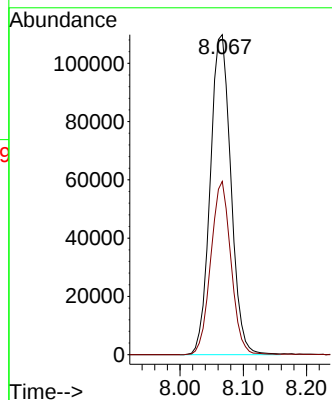
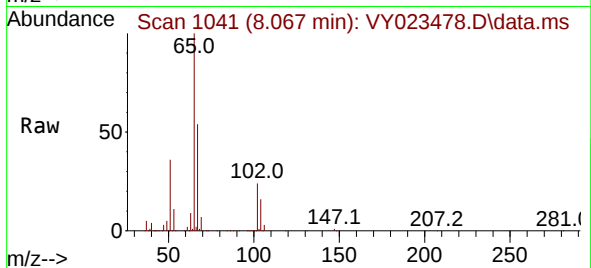
Tgt Ion: 43 Resp: 135186
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5





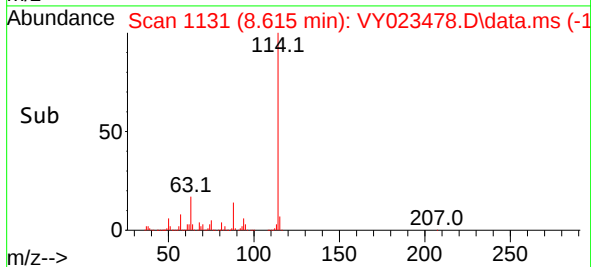
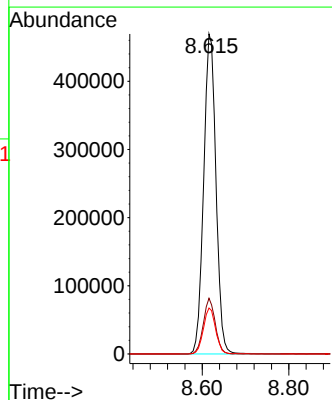
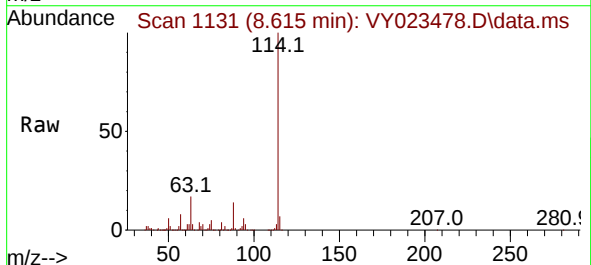
#33
1,2-Dichloroethane-d4
Concen: 62.000 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

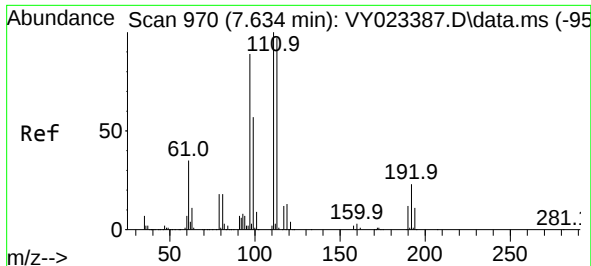
Tgt Ion: 65 Resp: 248950
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

Tgt Ion: 114 Resp: 923467
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.2
88 14.3 0.0 28.4

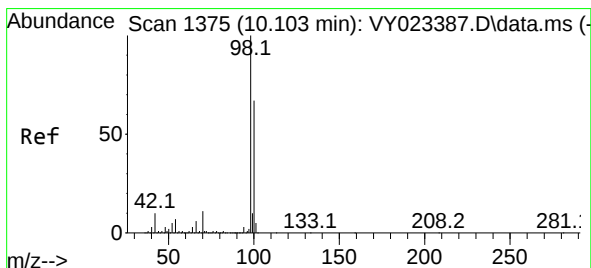
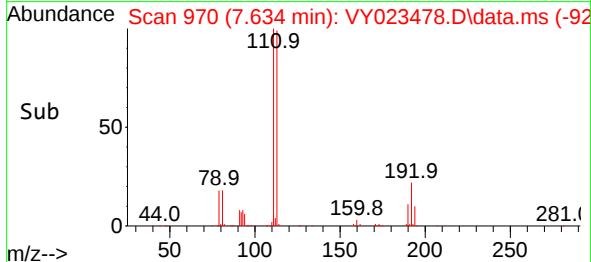
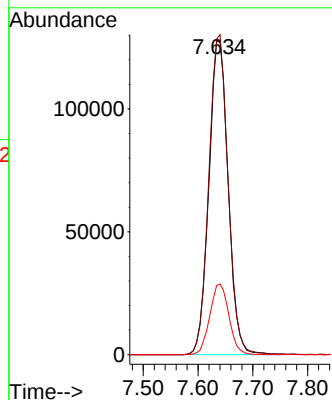
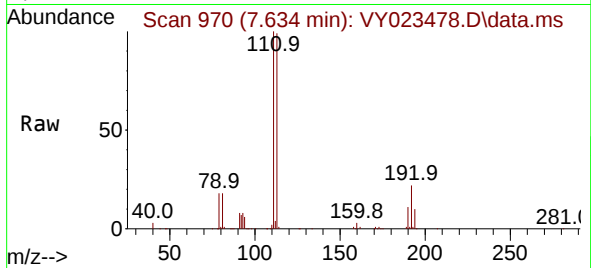




#35
Dibromofluoromethane
Concen: 54.983 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

Tgt Ion:113 Resp: 311986

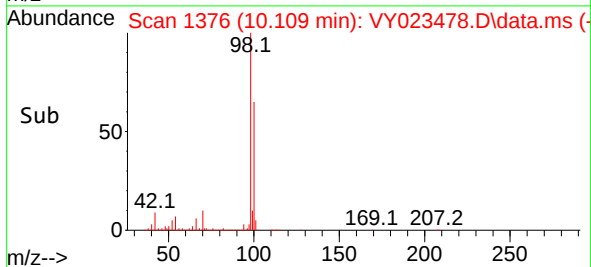
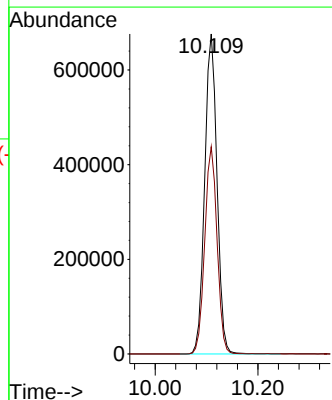
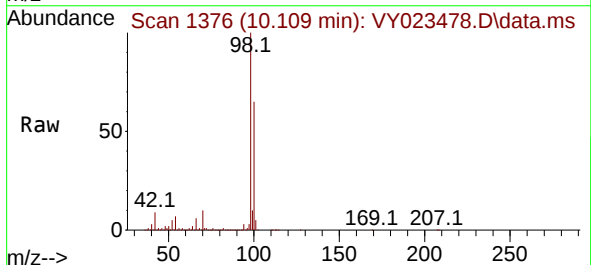
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	22.3	18.0	27.0

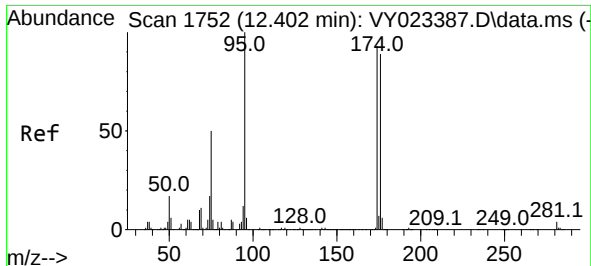


#50
Toluene-d8
Concen: 53.098 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

Tgt Ion: 98 Resp: 1122045

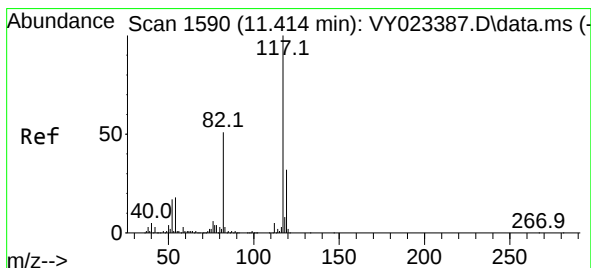
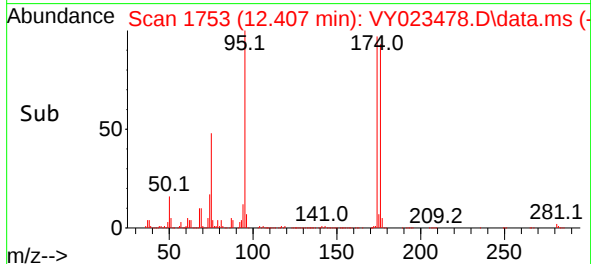
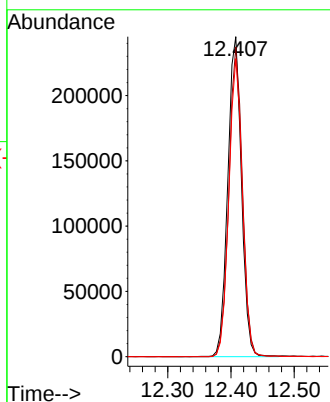
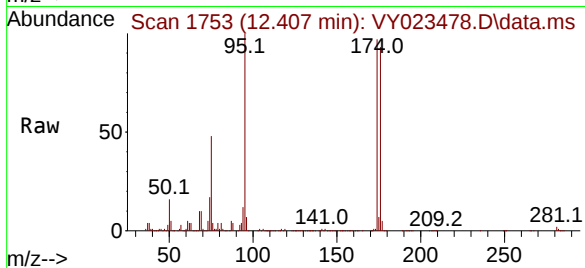
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.0	79.4





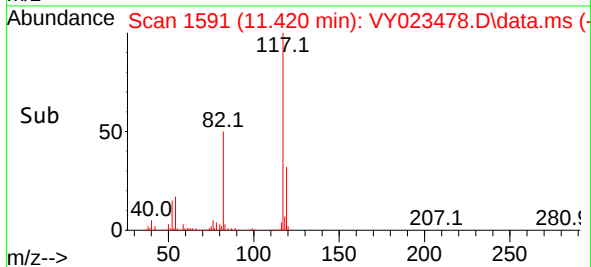
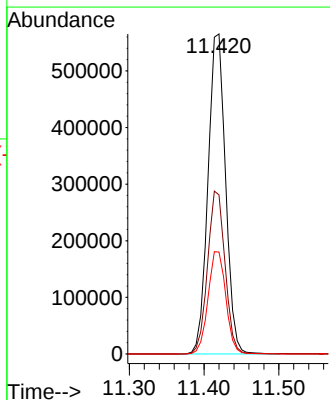
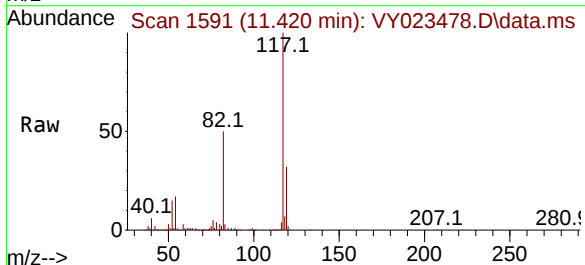
#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

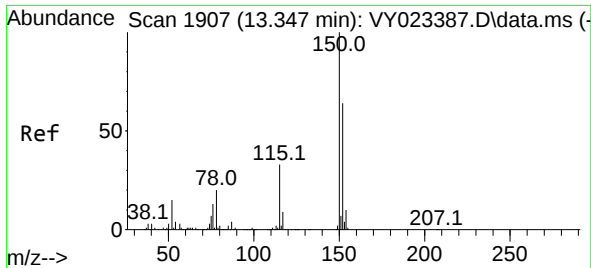
Tgt Ion: 95 Resp: 367677
Ion Ratio Lower Upper
95 100
174 96.1 0.0 192.8
176 92.2 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023478.D
Acq: 15 Oct 2025 15:28

Tgt Ion: 117 Resp: 922268
Ion Ratio Lower Upper
117 100
82 49.7 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: VY023478.D
 Acq: 15 Oct 2025 15:28

Tgt Ion:152 Resp: 415800
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.2
 150 155.5 0.0 347.4

