

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023844.D
 Acq On : 01 Dec 2025 15:33
 Operator : SY/MD
 Sample : Q3742-02
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-19

Quant Time: Dec 02 03:18:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

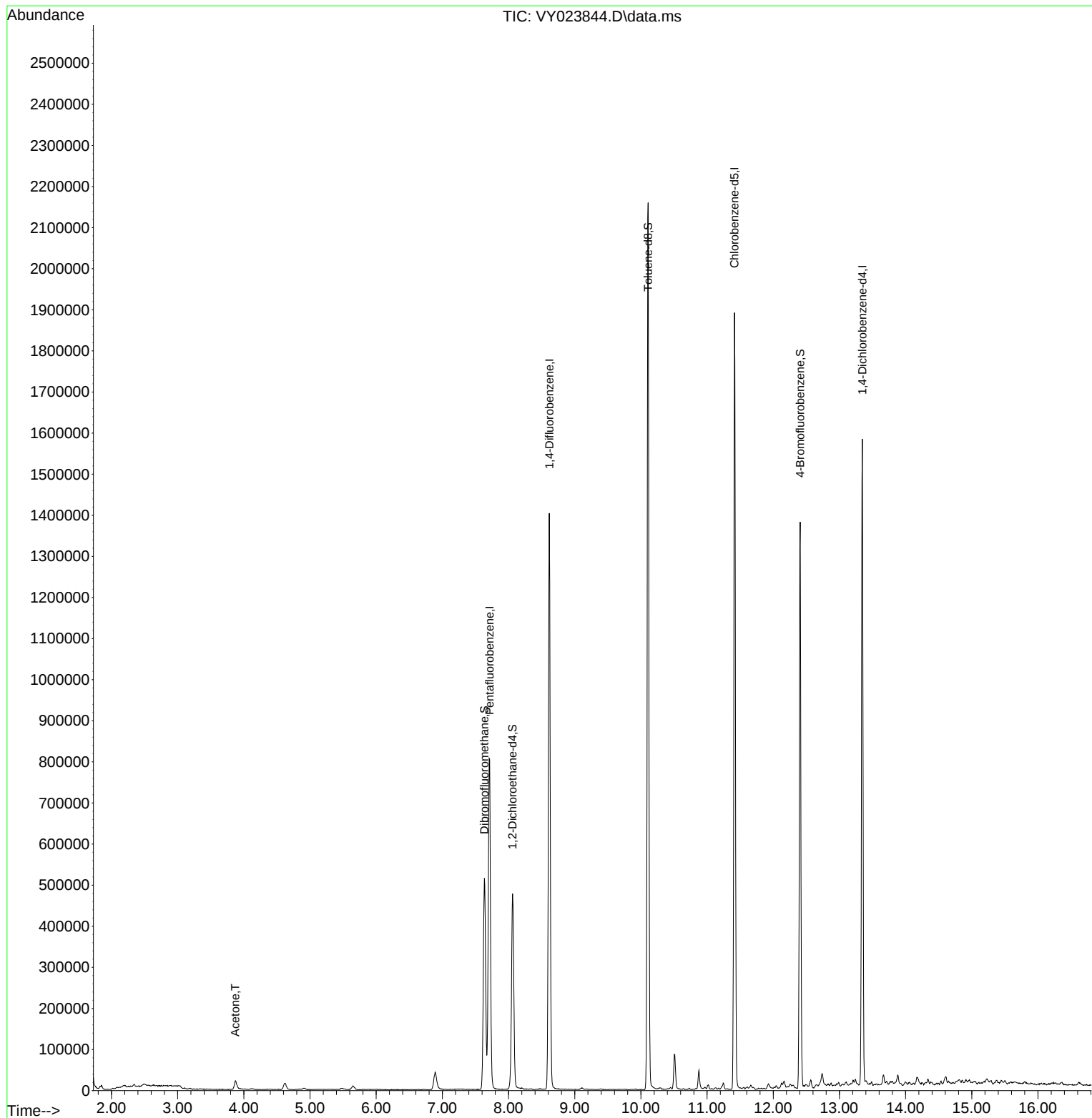
Internal Standards						
1) Pentafluorobenzene	7.713	168	639201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1174775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1006083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	405217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	377039	60.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.140%	
35) Dibromofluoromethane	7.634	113	371962	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.109	98	1404094	50.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.408	95	403666	44.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.760%	
Target Compounds						Qvalue
16) Acetone	3.873	43	37474	20.895	ug/l	99

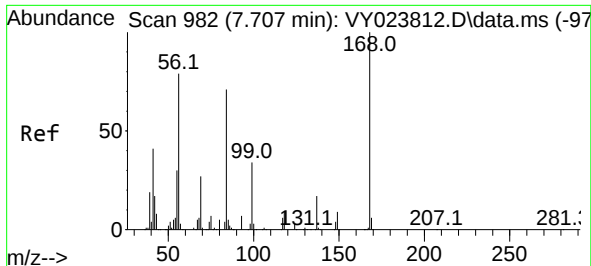
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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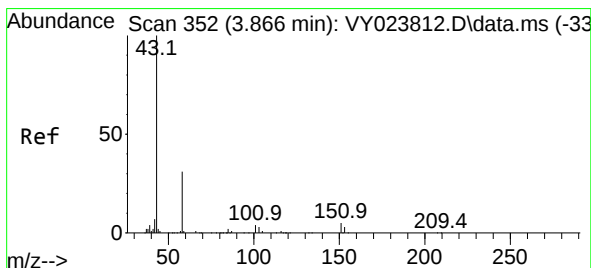
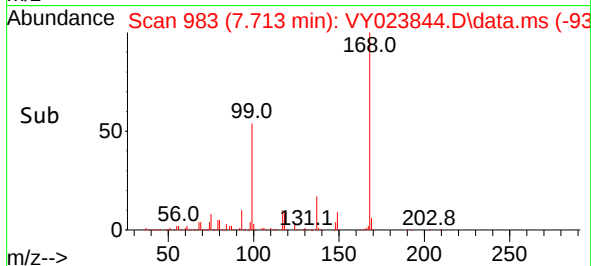
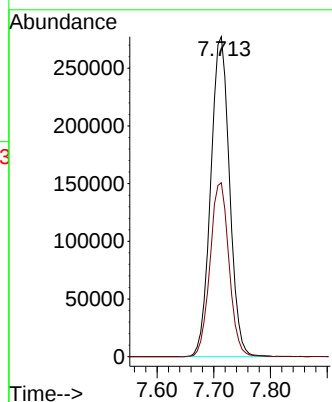
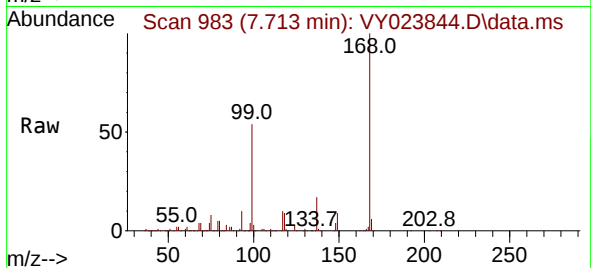




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

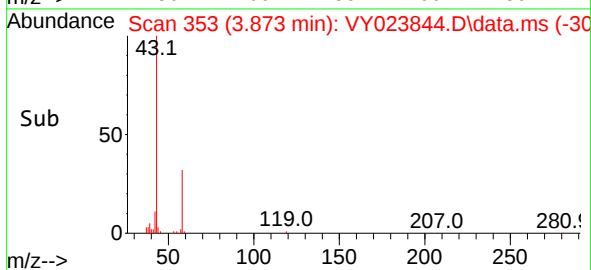
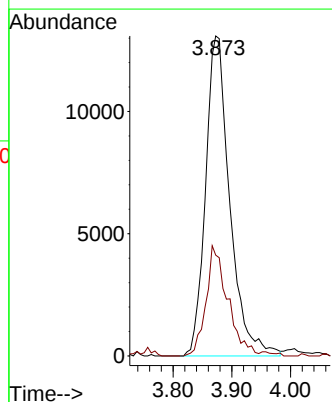
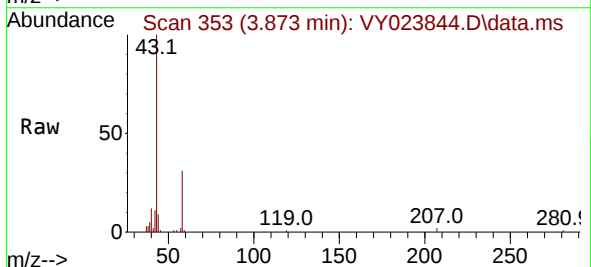
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-19

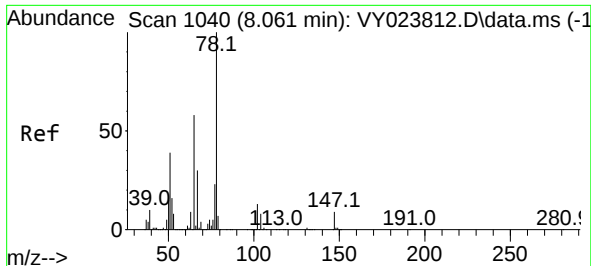
Tgt Ion:168 Resp: 639201
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#16
Acetone
Concen: 20.895 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

Tgt Ion: 43 Resp: 37474
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 60.570 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023844.D

Acq: 01 Dec 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

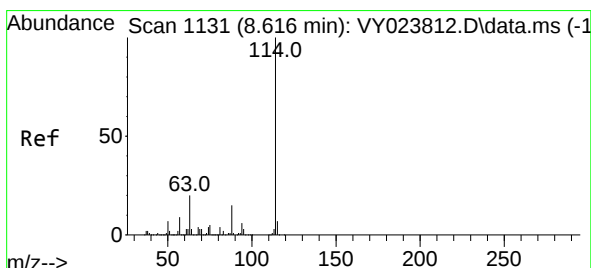
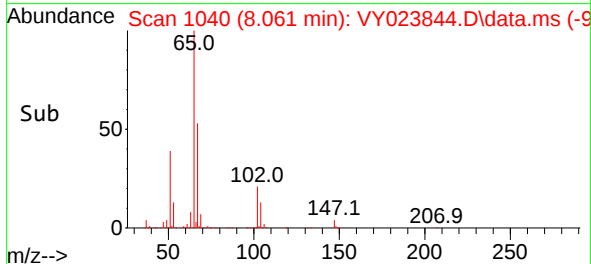
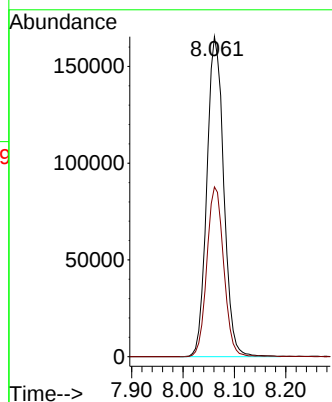
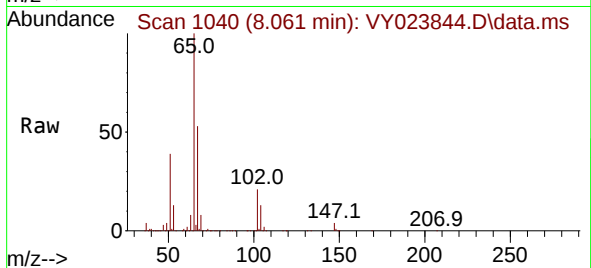
SB-1125-19

Tgt Ion: 65 Resp: 377039

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023844.D

Acq: 01 Dec 2025 15:33

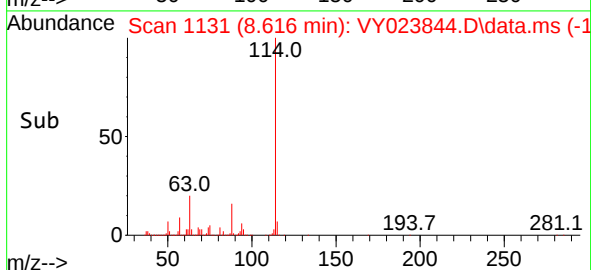
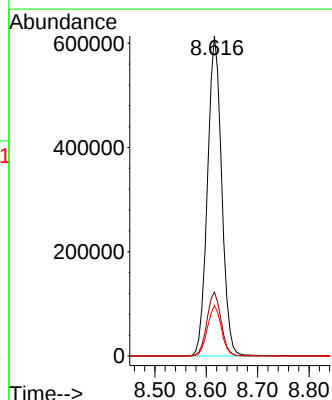
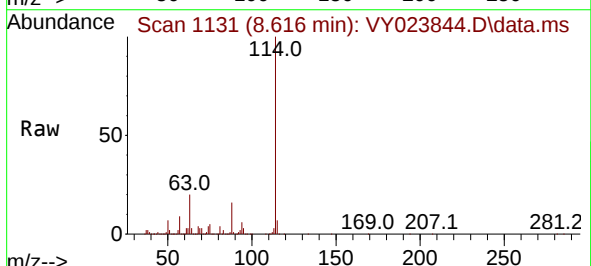
Tgt Ion:114 Resp: 1174775

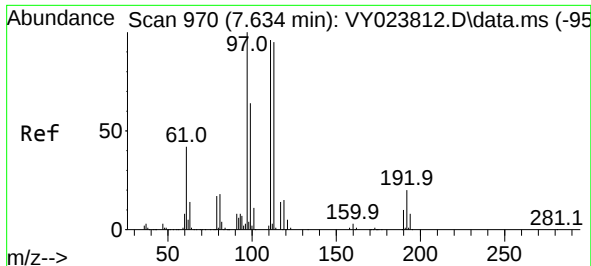
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.7 0.0 30.8

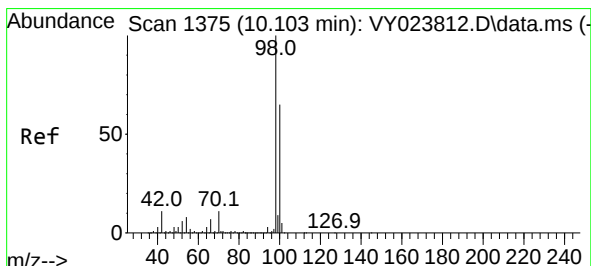
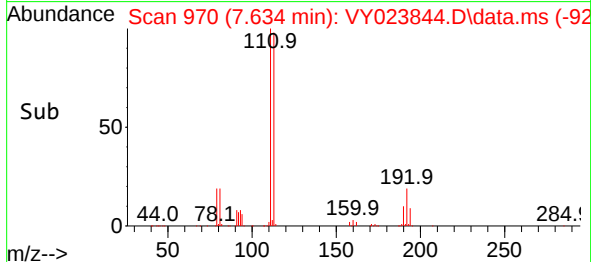
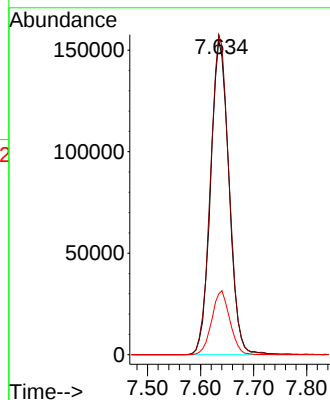
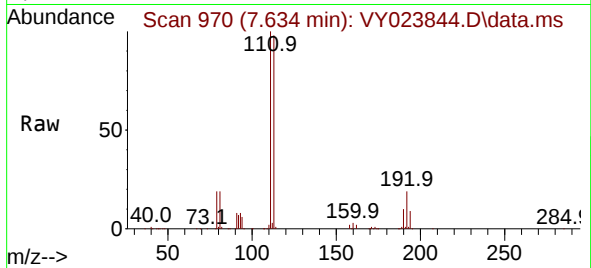




#35
Dibromofluoromethane
Concen: 53.449 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

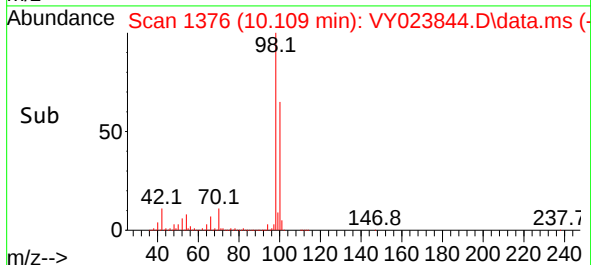
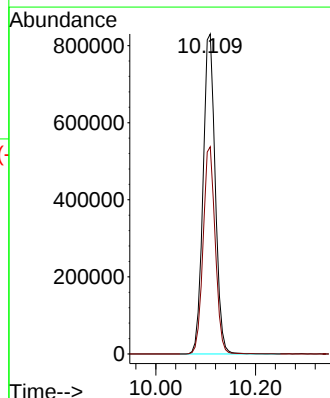
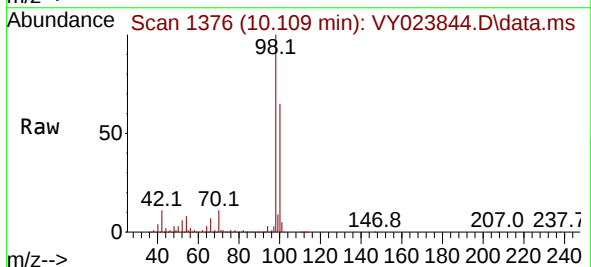
Instrument :
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SB-1125-19

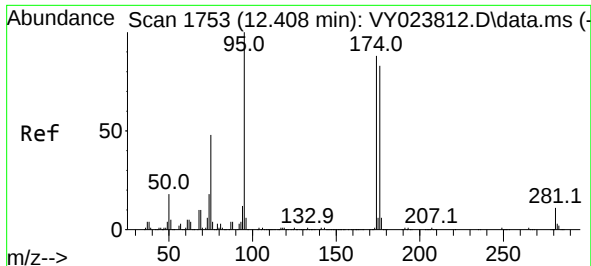
Tgt Ion:113 Resp: 371962
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 20.0 15.8 23.8



#50
Toluene-d8
Concen: 50.796 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

Tgt Ion: 98 Resp: 1404094
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

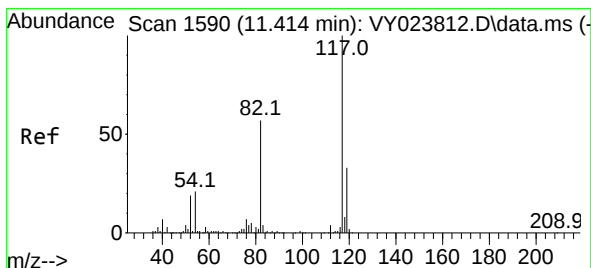
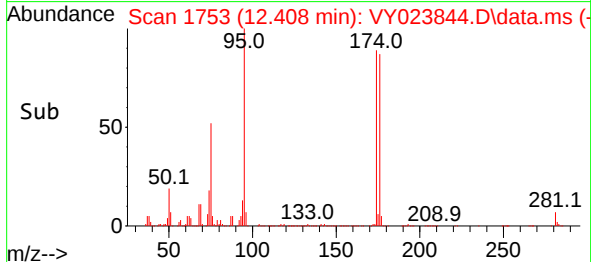
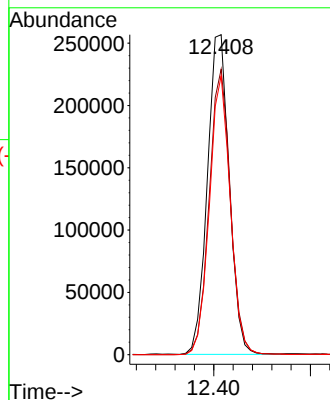
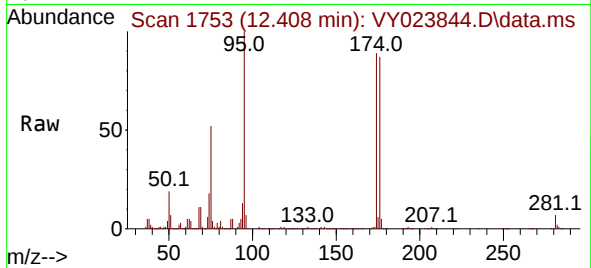




#62
4-Bromofluorobenzene
Concen: 44.382 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

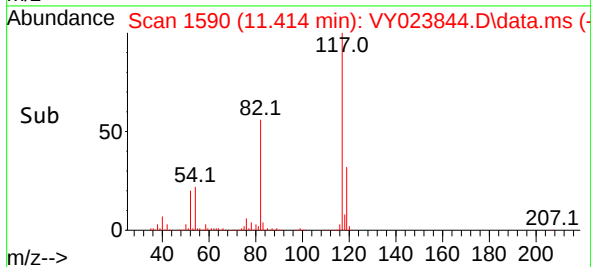
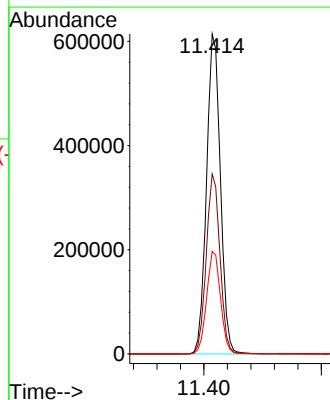
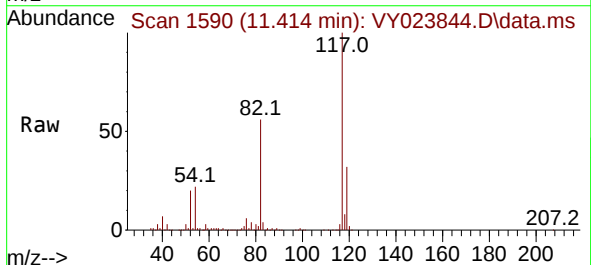
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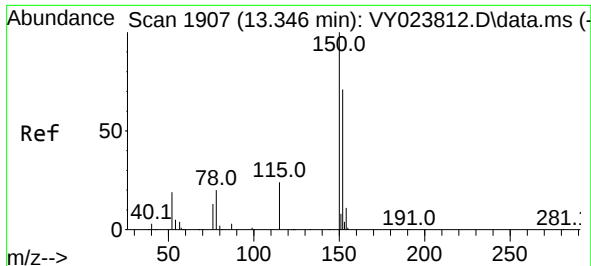
Tgt Ion: 95 Resp: 403666
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.6
176 83.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023844.D
Acq: 01 Dec 2025 15:33

Tgt Ion: 117 Resp: 1006083
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.0 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023844.D
 Acq: 01 Dec 2025 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-19

Tgt Ion:152 Resp: 405217

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.7	86.3
150	157.1	0.0	345.6

