

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023122.D
 Acq On : 15 Aug 2025 13:28
 Operator : SY/MD
 Sample : Q2820-24
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22M-S

Quant Time: Aug 18 02:29:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

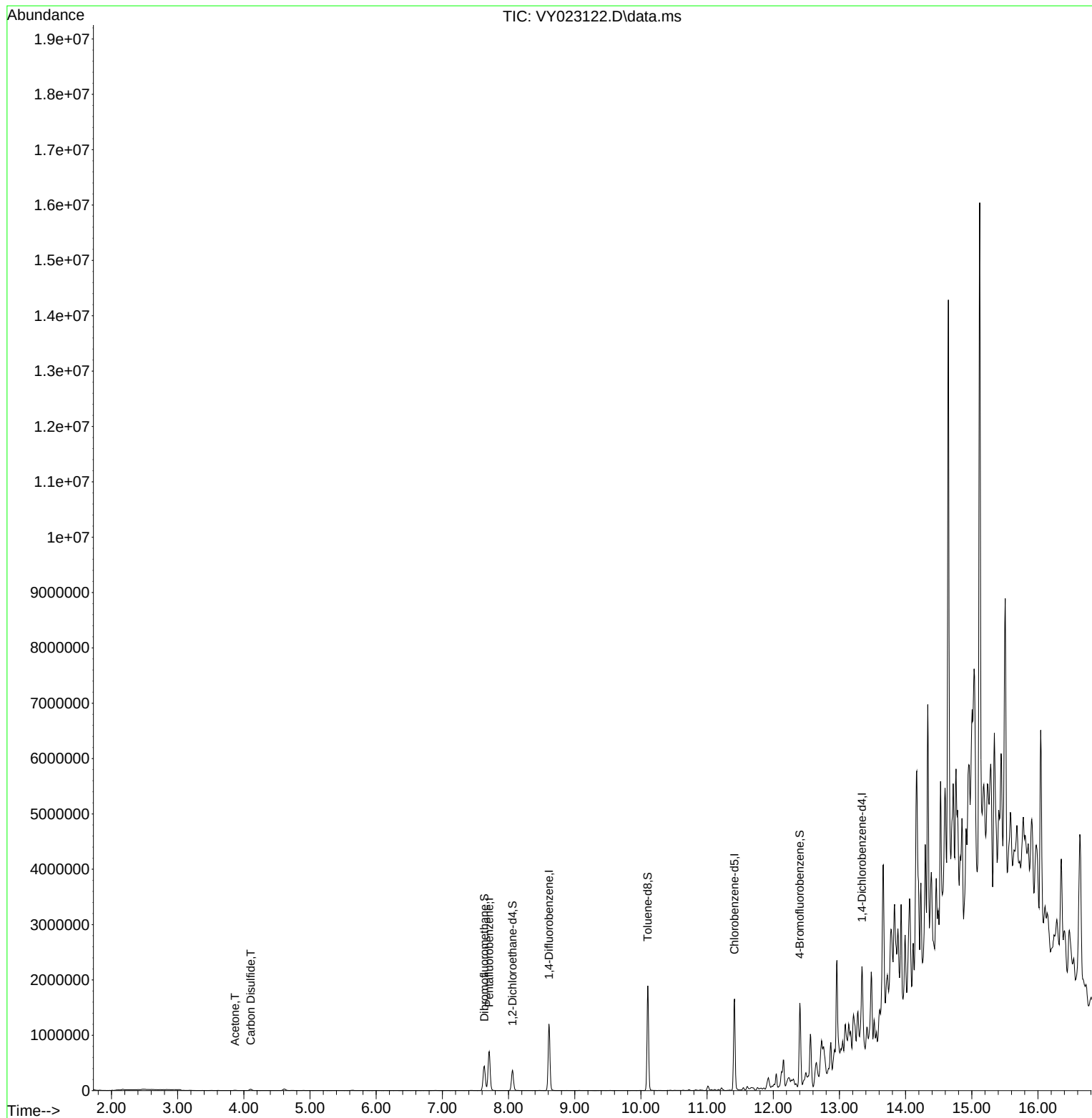
Internal Standards						
1) Pentafluorobenzene	7.707	168	540065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1019542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	888710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	376737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286859	55.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.634	113	313774	51.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.103	98	1216617	51.048	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.401	95	370266	48.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.620%
Target Compounds						
						Qvalue
16) Acetone	3.866	43	9484	8.505	ug/l #	87
17) Carbon Disulfide	4.104	76	46150	2.720	ug/l #	95

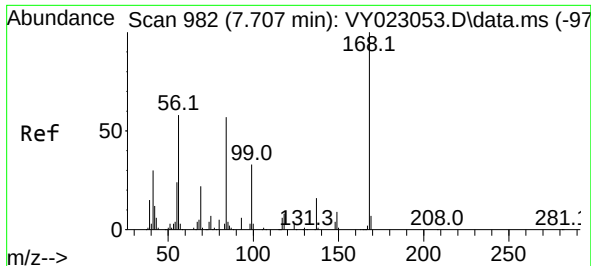
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023122.D
Acq On : 15 Aug 2025 13:28
Operator : SY/MD
Sample : Q2820-24
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22M-S

Quant Time: Aug 18 02:29:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

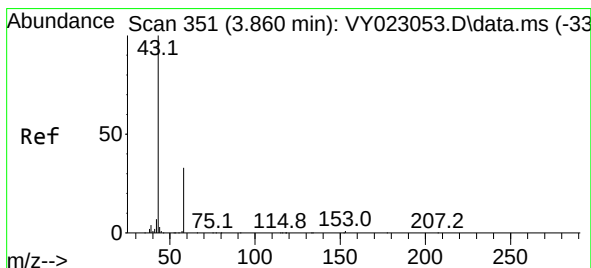
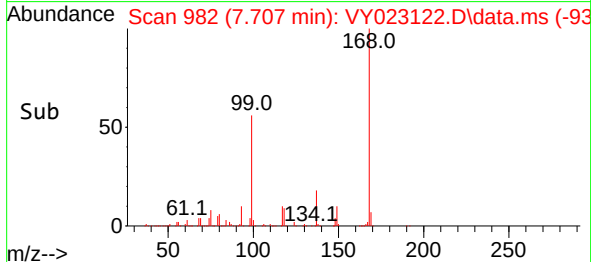
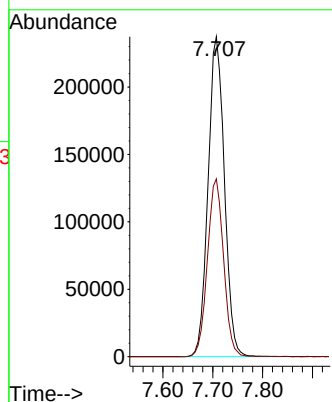
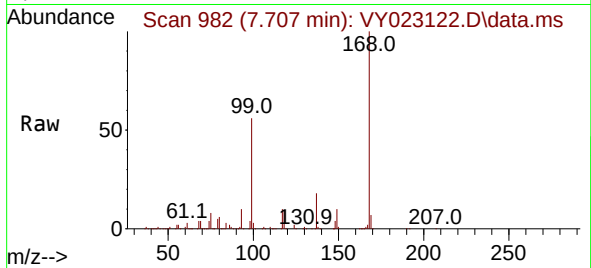




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

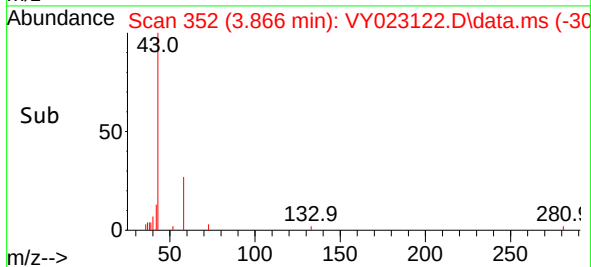
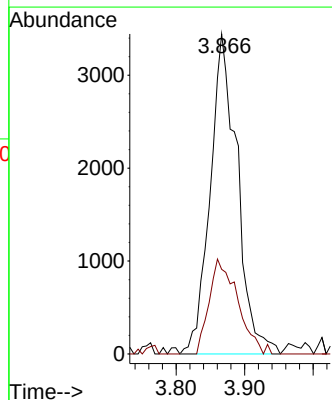
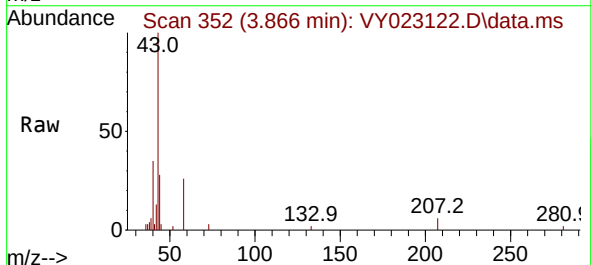
Instrument :
MSVOA_Y
ClientSampleId :
22M-S

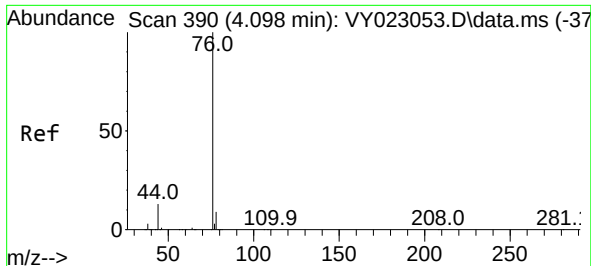
Tgt Ion:168 Resp: 540065
Ion Ratio Lower Upper
168 100
99 55.6 42.8 64.2



#16
Acetone
Concen: 8.505 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

Tgt Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
58 26.5 27.1 40.7#

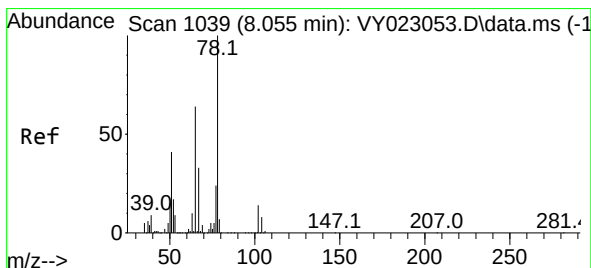
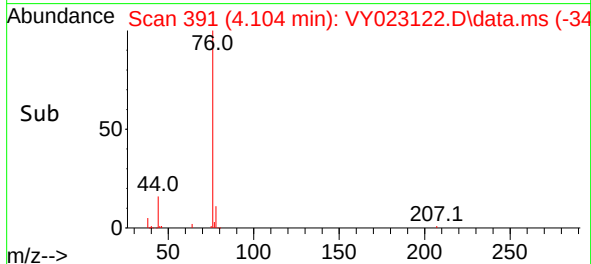
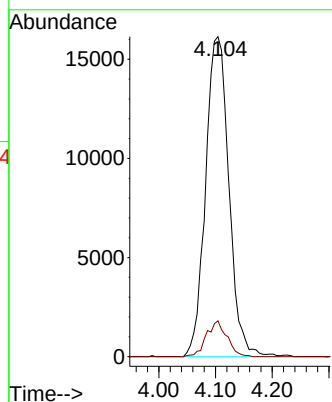
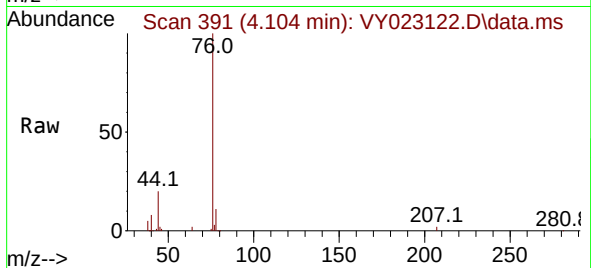




#17
Carbon Disulfide
Concen: 2.720 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

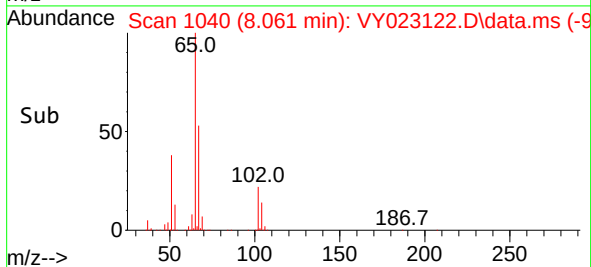
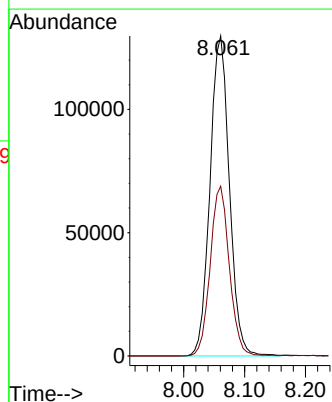
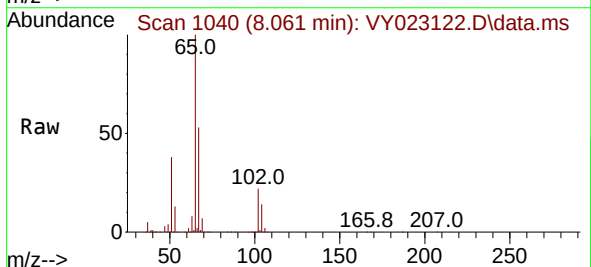
Instrument :
MSVOA_Y
ClientSampleId :
22M-S

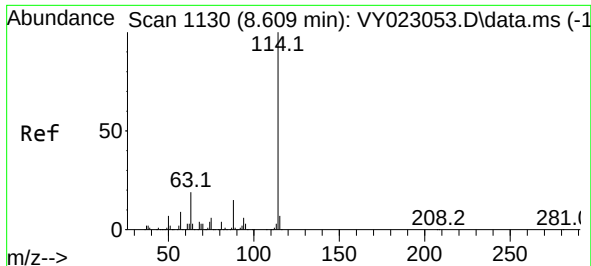
Tgt Ion: 76 Resp: 46150
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.2#



#33
1,2-Dichloroethane-d4
Concen: 55.731 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

Tgt Ion: 65 Resp: 286859
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8

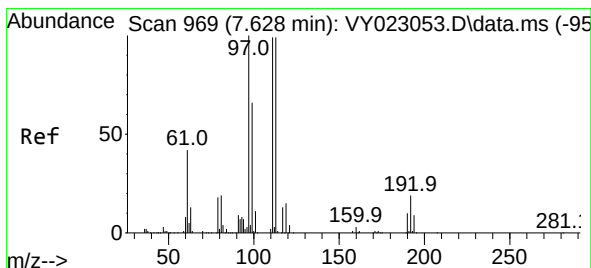
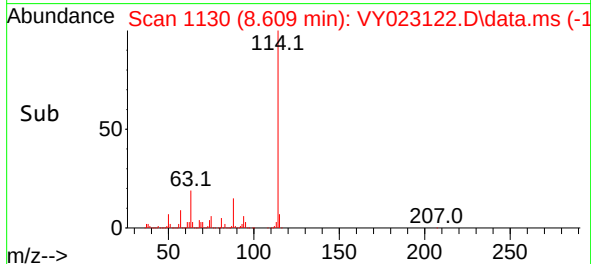
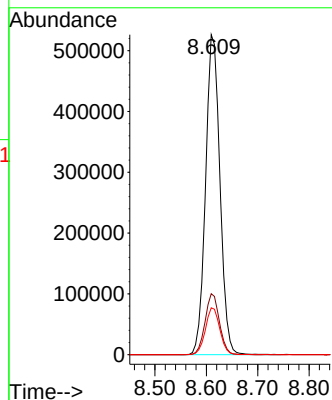
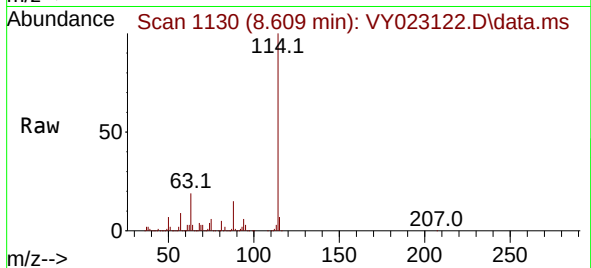




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

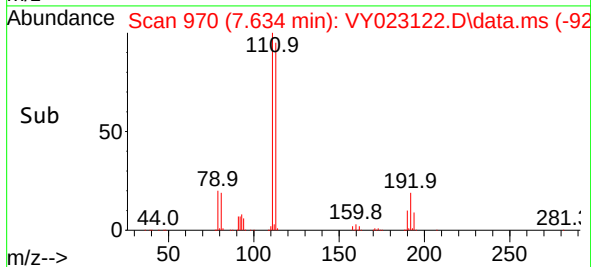
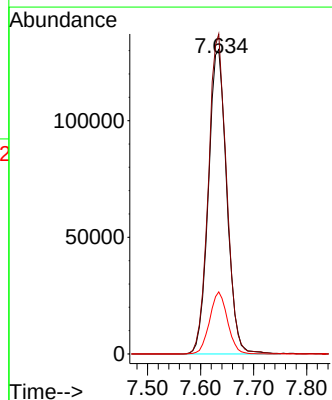
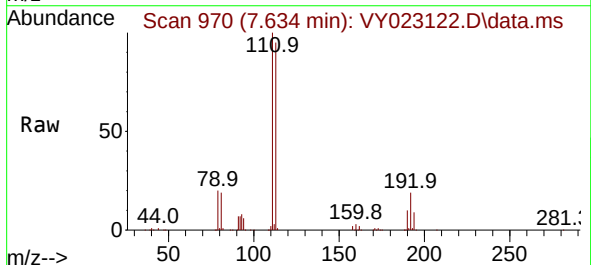
Instrument :
MSVOA_Y
ClientSampleId :
22M-S

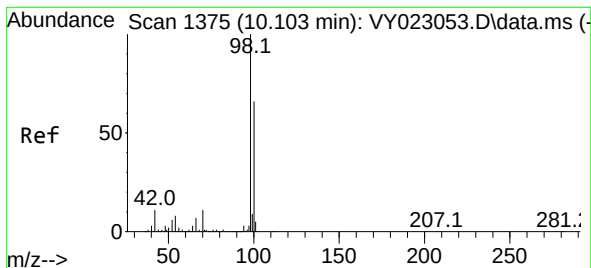
Tgt Ion:114 Resp: 1019542
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

Tgt Ion:113 Resp: 313774
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 19.9 16.2 24.4

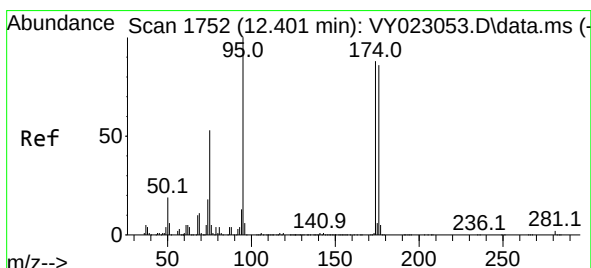
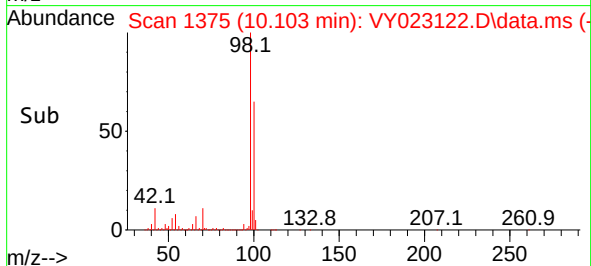
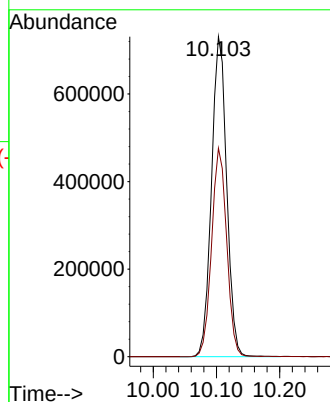
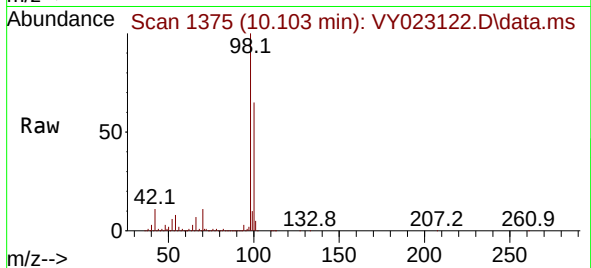




#50
Toluene-d8
Concen: 51.048 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

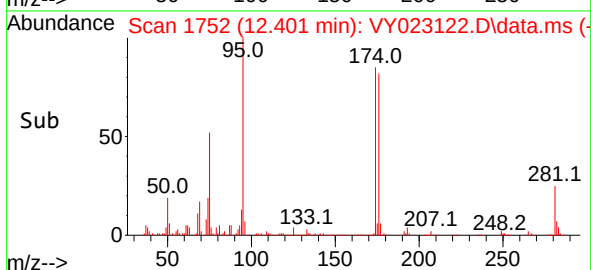
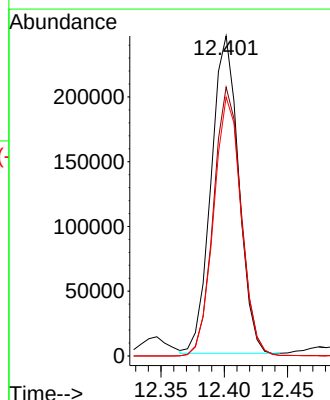
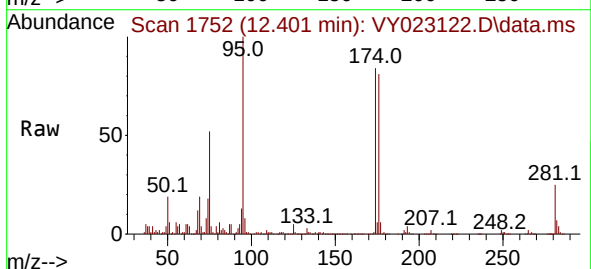
Instrument :
MSVOA_Y
ClientSampleId :
22M-S

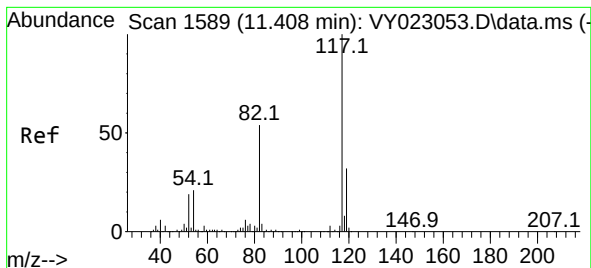
Tgt Ion: 98 Resp: 1216617
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.309 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023122.D
Acq: 15 Aug 2025 13:28

Tgt Ion: 95 Resp: 370266
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.6
176 82.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023122.D

Acq: 15 Aug 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

22M-S

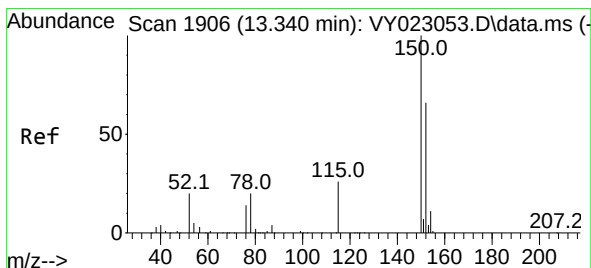
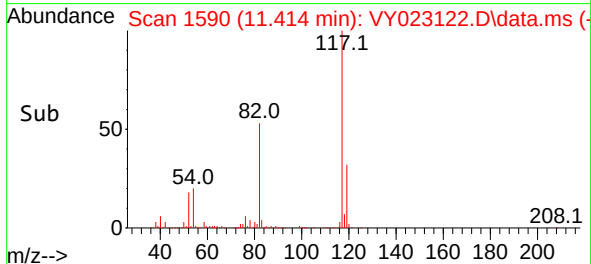
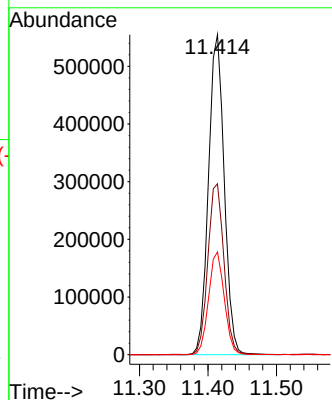
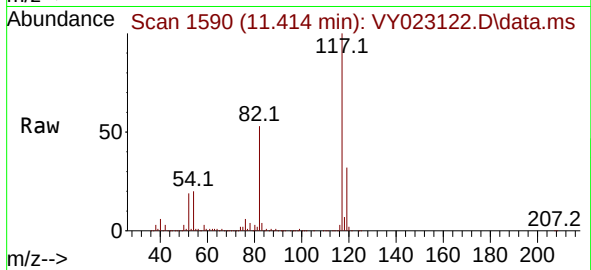
Tgt Ion:117 Resp: 888710

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023122.D

Acq: 15 Aug 2025 13:28

Tgt Ion:152 Resp: 376737

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.6

150 148.6 0.0 348.0

