

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023780.D
 Acq On : 13 Nov 2025 12:38
 Operator : SY/MD
 Sample : Q3618-01
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TOP-SOIL

Quant Time: Nov 14 04:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	711582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1226368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	948550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	319105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	362407	59.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.420%
35) Dibromofluoromethane	7.634	113	404628	52.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.103	98	1368019	47.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.402	95	350378	37.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.900%

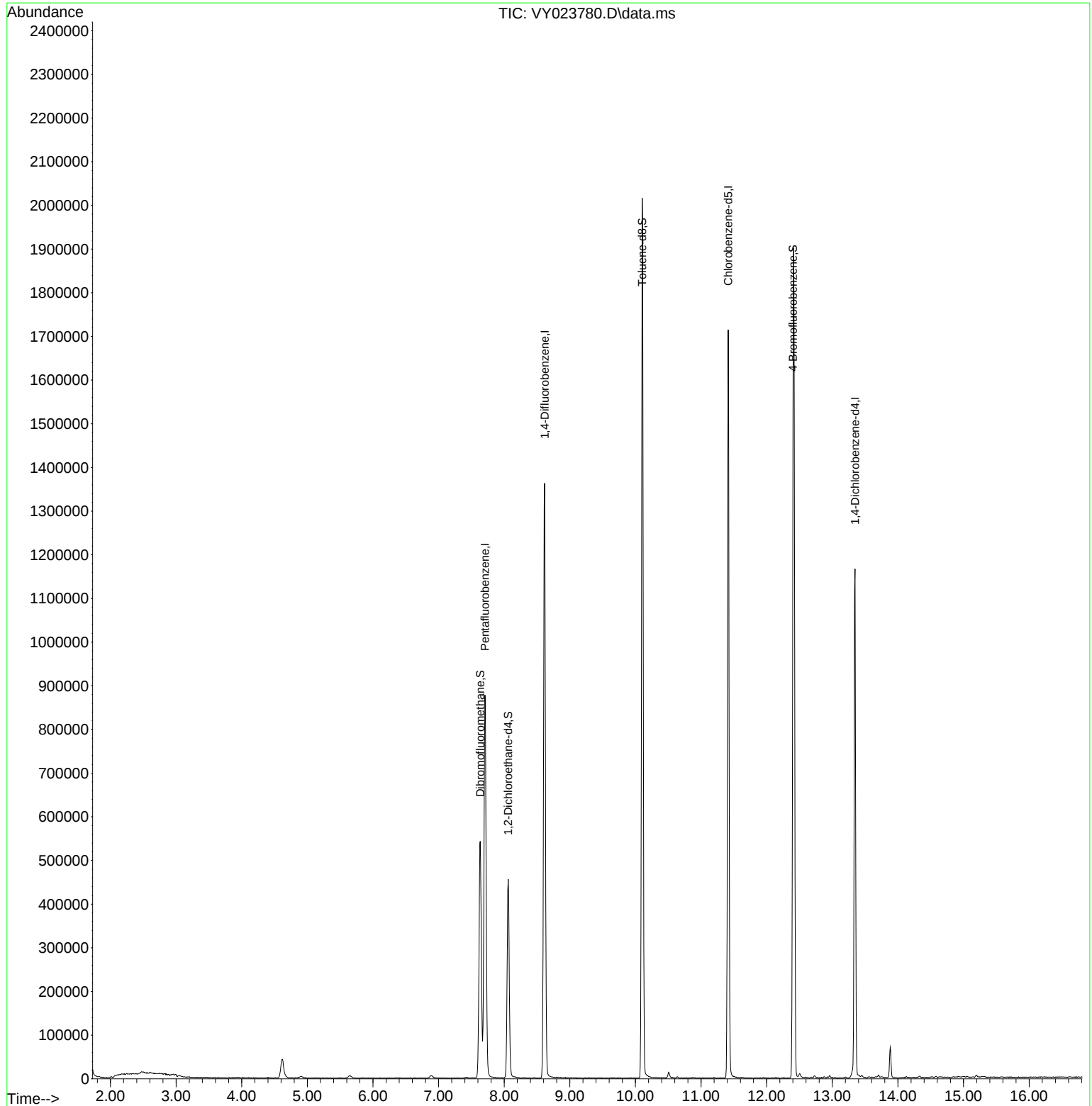
Target Compounds	Qvalue

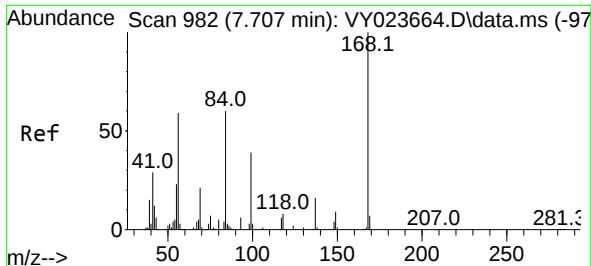
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
Data File : VY023780.D
Acq On : 13 Nov 2025 12:38
Operator : SY/MD
Sample : Q3618-01
Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EME-TOP-SOIL

Quant Time: Nov 14 04:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

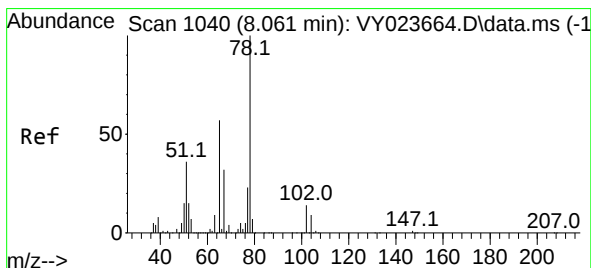
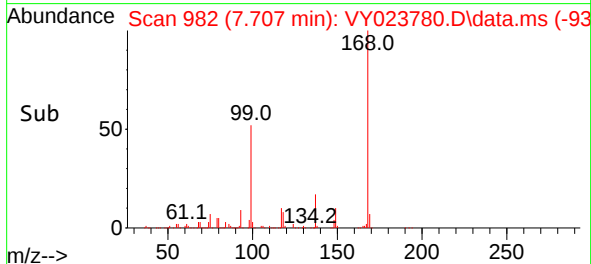
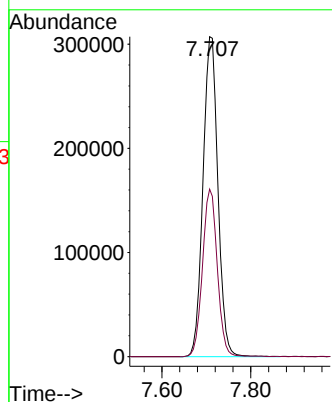
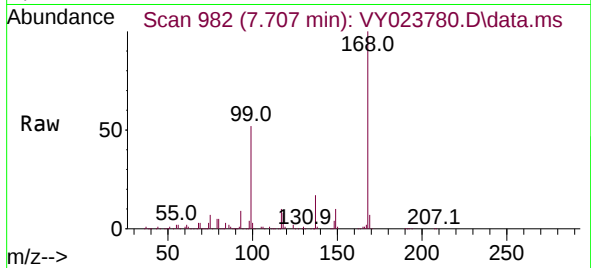




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

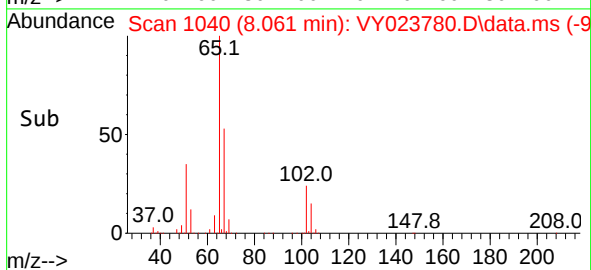
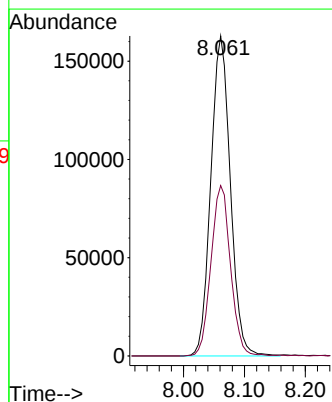
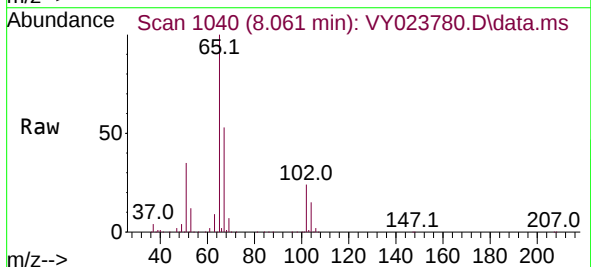
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOP-SOIL

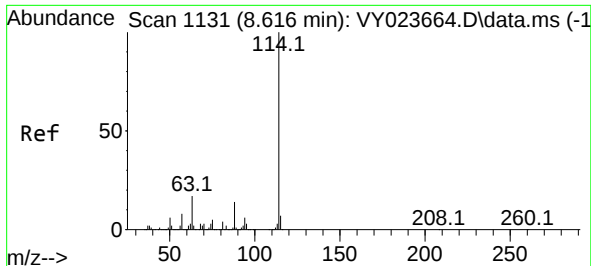
Tgt Ion:168 Resp: 711582
Ion Ratio Lower Upper
168 100
99 52.3 41.0 61.4



#33
1,2-Dichloroethane-d4
Concen: 59.706 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

Tgt Ion: 65 Resp: 362407
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

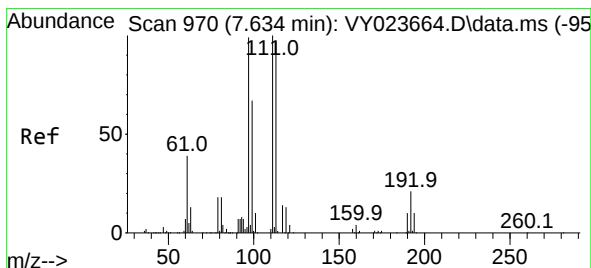
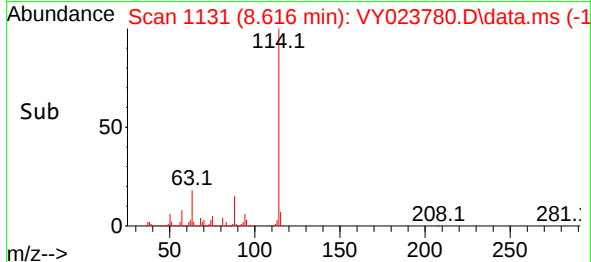
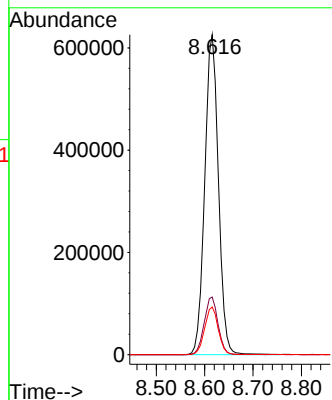
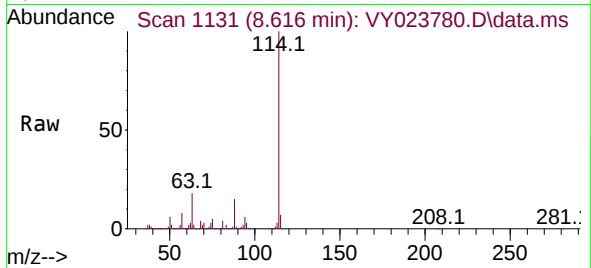




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

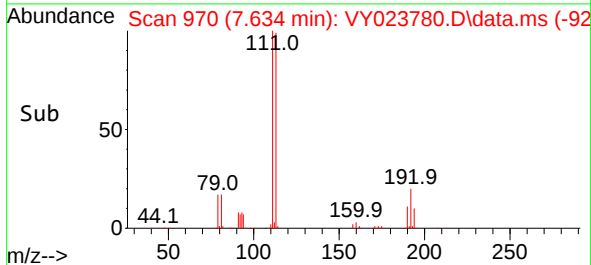
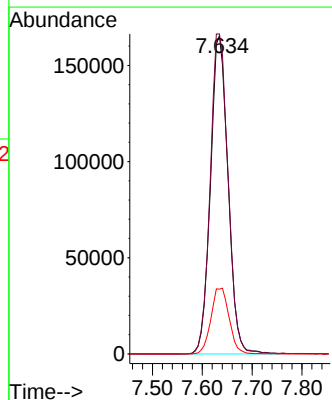
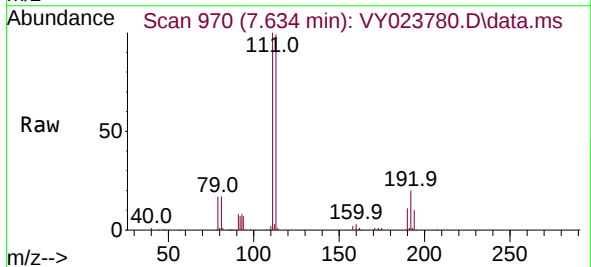
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOP-SOIL

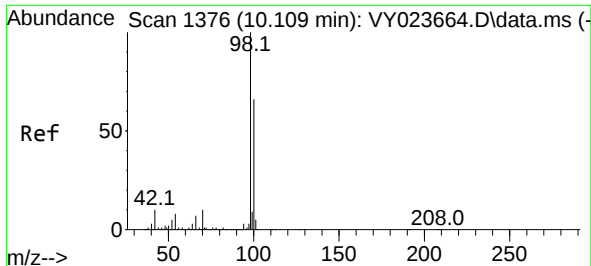
Tgt Ion:114 Resp: 1226368
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.8
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.796 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

Tgt Ion:113 Resp: 404628
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.3 17.3 25.9

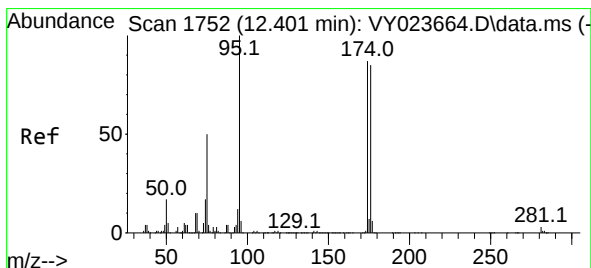
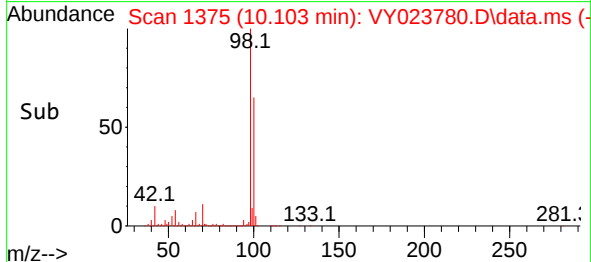
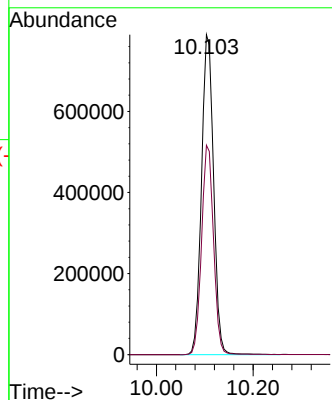
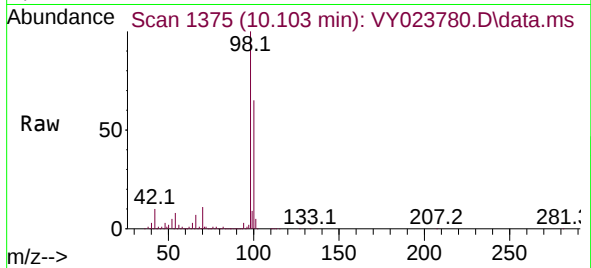




#50
Toluene-d8
Concen: 47.919 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

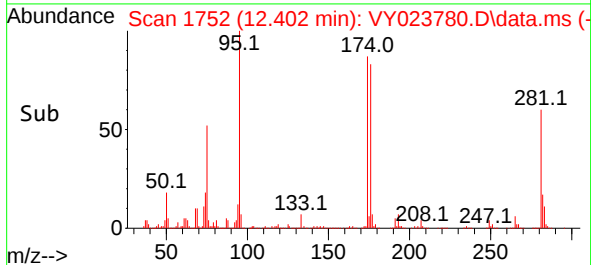
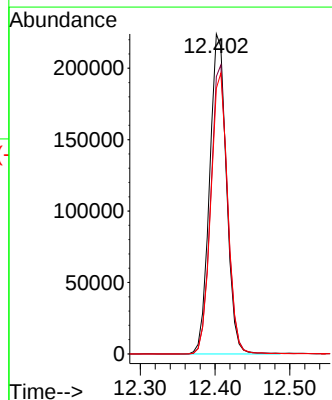
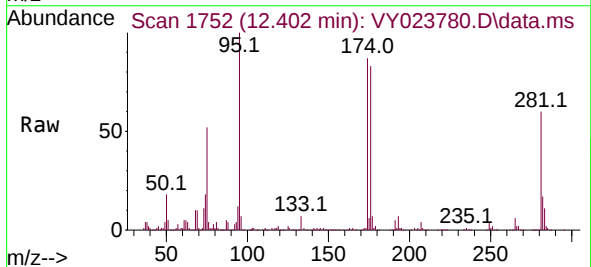
Instrument :
MSVOA_Y
ClientSampleId :
EME-TOP-SOIL

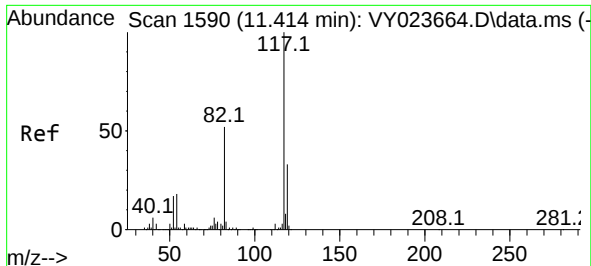
Tgt Ion: 98 Resp: 1368019
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 37.951 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

Tgt Ion: 95 Resp: 350378
Ion Ratio Lower Upper
95 100
174 89.7 0.0 184.8
176 87.8 0.0 181.6

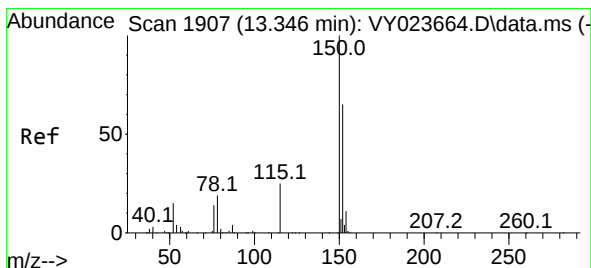
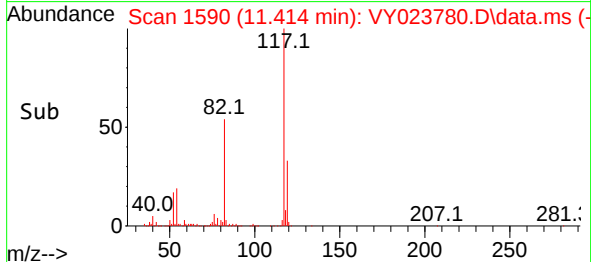
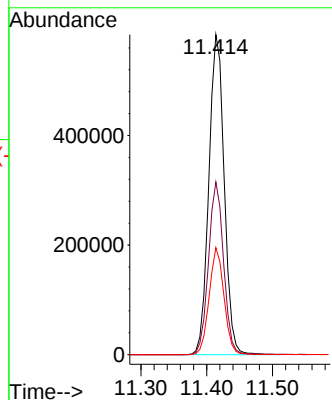
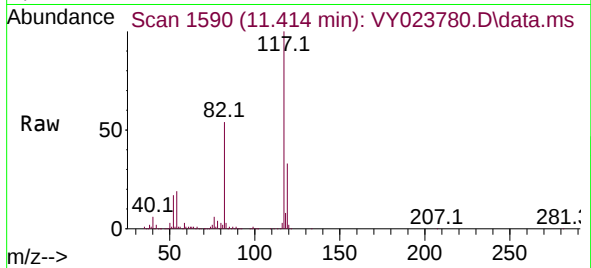




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
EME-TOP-SOIL

Tgt Ion:117 Resp: 948550
Ion Ratio Lower Upper
117 100
82 53.9 41.2 61.8
119 33.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023780.D
Acq: 13 Nov 2025 12:38

Tgt Ion:152 Resp: 319105
Ion Ratio Lower Upper
152 100
115 56.2 27.5 82.5
150 155.9 0.0 349.0

