

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023781.D
 Acq On : 13 Nov 2025 13:01
 Operator : SY/MD
 Sample : Q3618-02
 Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-GENERAL-FILL

Quant Time: Nov 14 04:25:44 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)

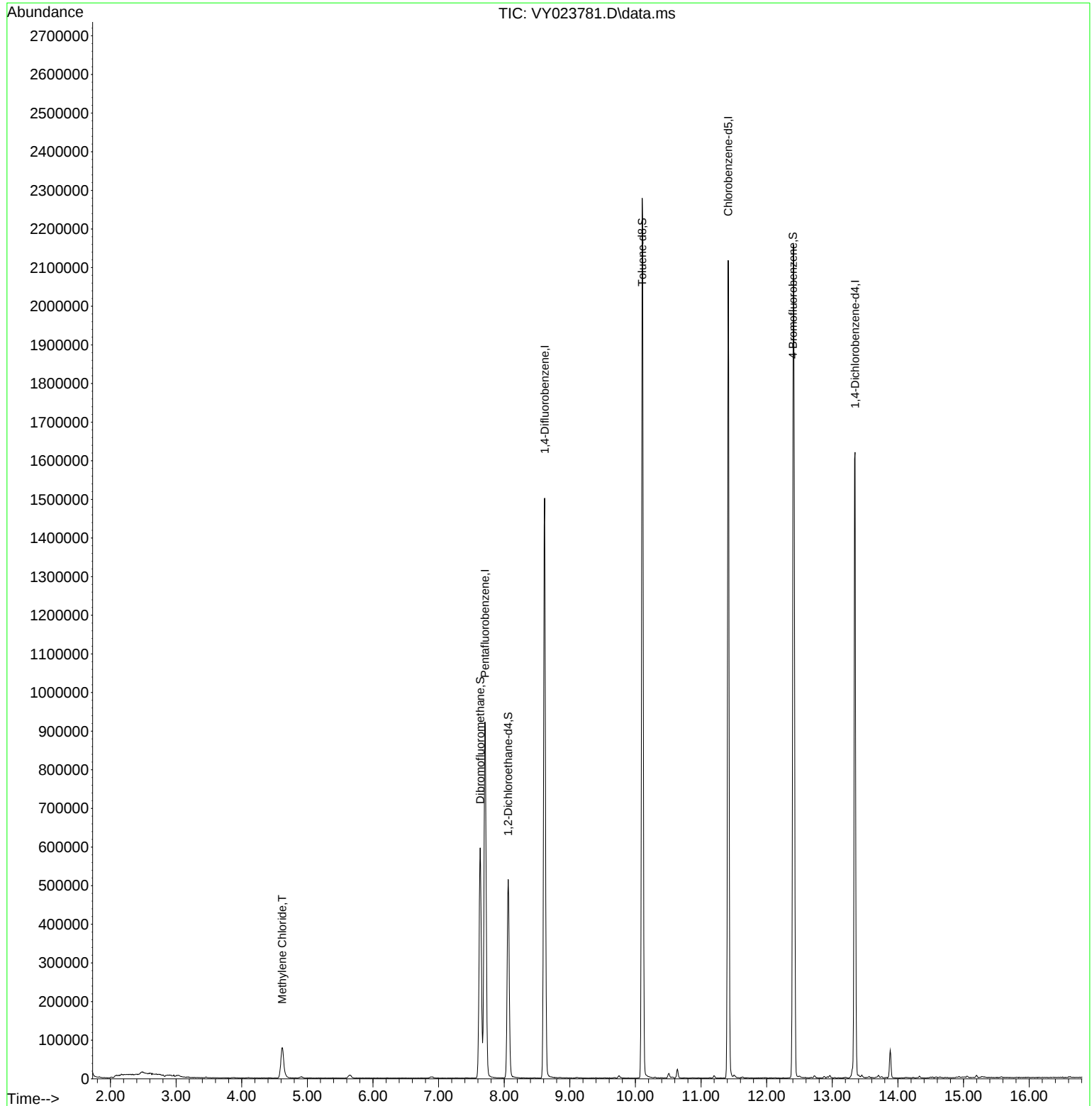
Internal Standards						
1) Pentafluorobenzene	7.707	168	750284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1336736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1138969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	437964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	407415	63.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.320%
35) Dibromofluoromethane	7.634	113	434694	52.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.103	98	1533898	49.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.401	95	449949	44.712	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.420%
Target Compounds						
20) Methylene Chloride	4.616	84	64227	8.363	ug/l	Qvalue 97

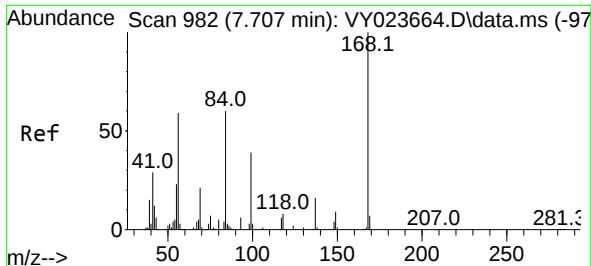
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
Data File : VY023781.D
Acq On : 13 Nov 2025 13:01
Operator : SY/MD
Sample : Q3618-02
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EME-GENERAL-FILL

Quant Time: Nov 14 04:25:44 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

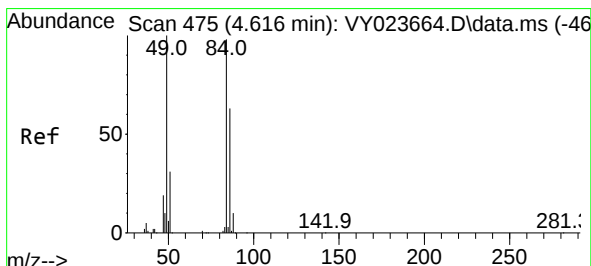
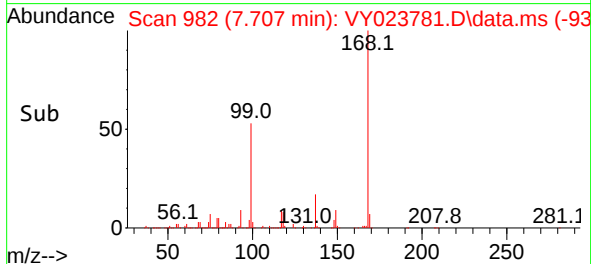
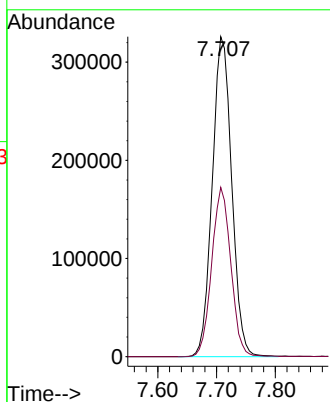
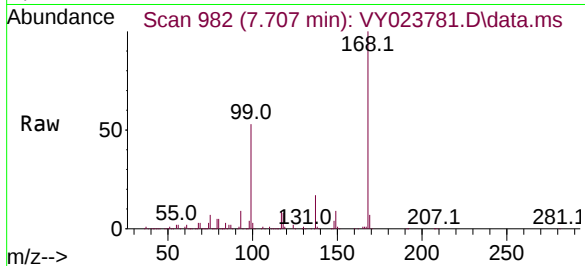




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

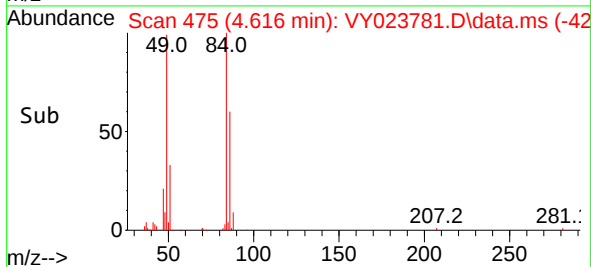
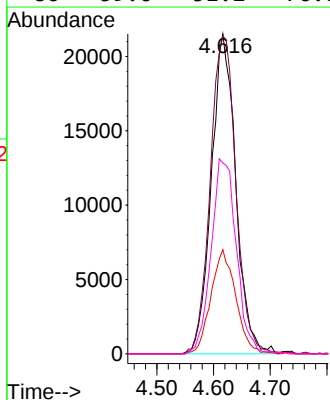
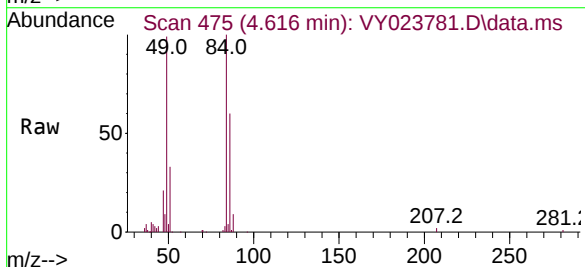
Instrument :
MSVOA_Y
ClientSampleId :
EME-GENERAL-FILL

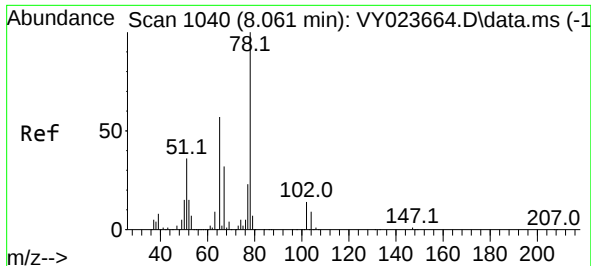
Tgt Ion:168 Resp: 750284
Ion Ratio Lower Upper
168 100
99 52.9 41.0 61.4



#20
Methylene Chloride
Concen: 8.363 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

Tgt Ion: 84 Resp: 64227
Ion Ratio Lower Upper
84 100
49 99.4 81.5 122.3
51 32.6 25.5 38.3
86 59.6 51.2 76.8

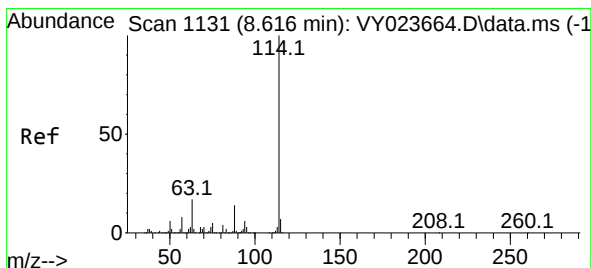
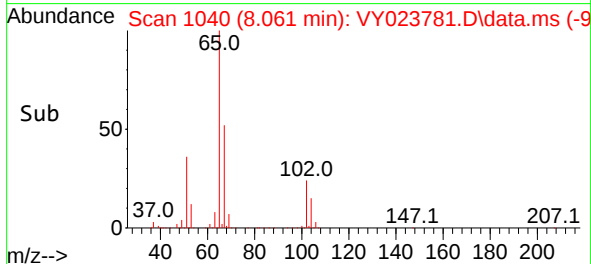
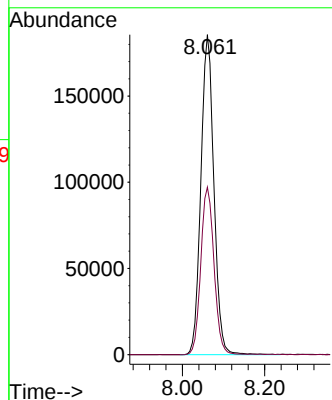
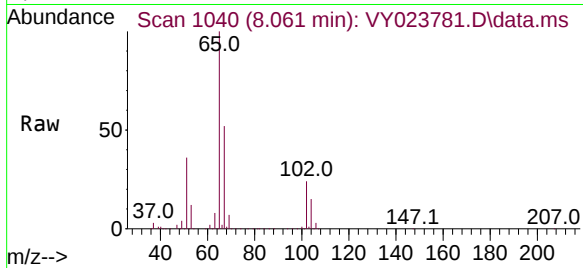




#33
1,2-Dichloroethane-d4
Concen: 63.658 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

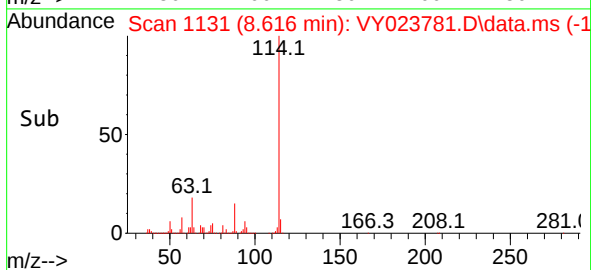
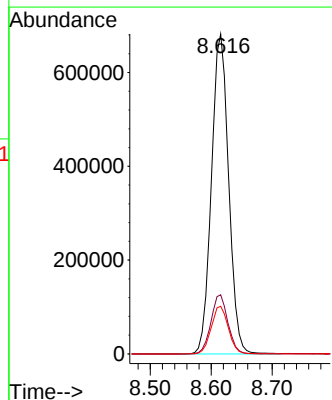
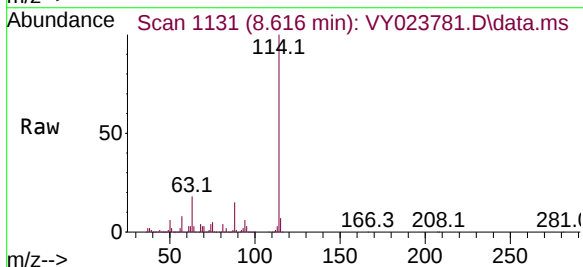
Instrument :
MSVOA_Y
ClientSampleId :
EME-GENERAL-FILL

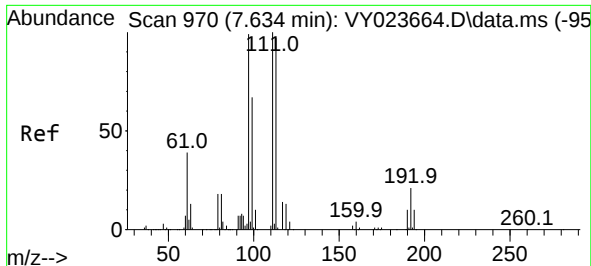
Tgt Ion: 65 Resp: 407415
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

Tgt Ion: 114 Resp: 1336736
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.8
88 14.9 0.0 29.0

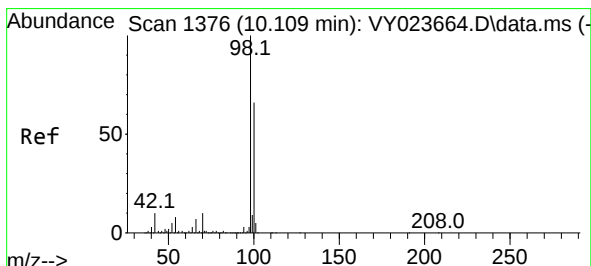
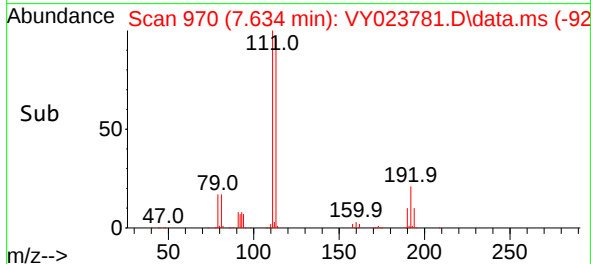
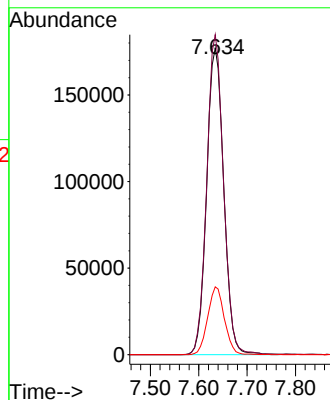
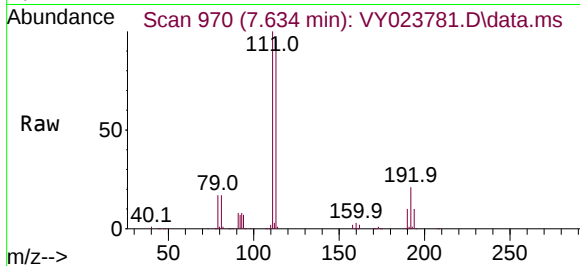




#35
Dibromofluoromethane
Concen: 52.036 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

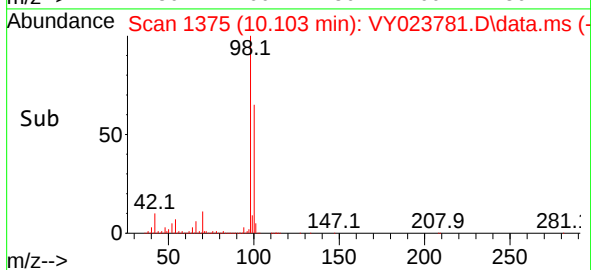
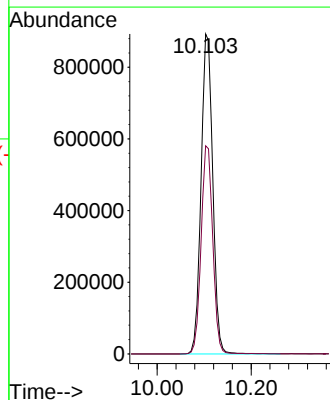
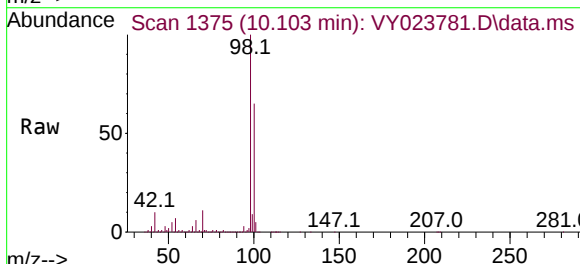
Instrument :
MSVOA_Y
ClientSampleId :
EME-GENERAL-FILL

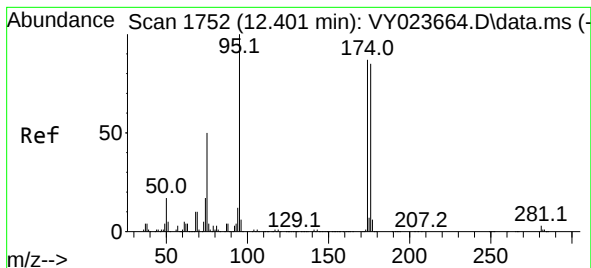
Tgt Ion:113 Resp: 434694
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 21.6 17.3 25.9



#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

Tgt Ion: 98 Resp: 1533898
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

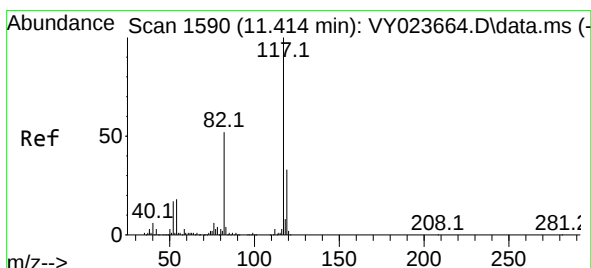
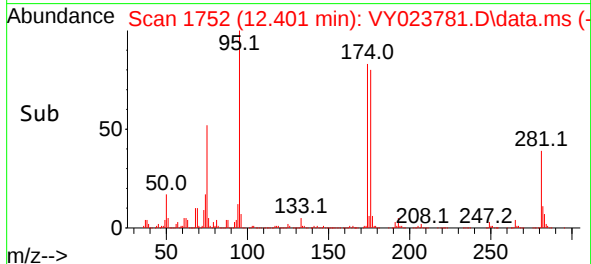
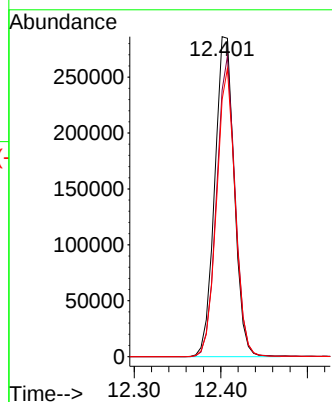
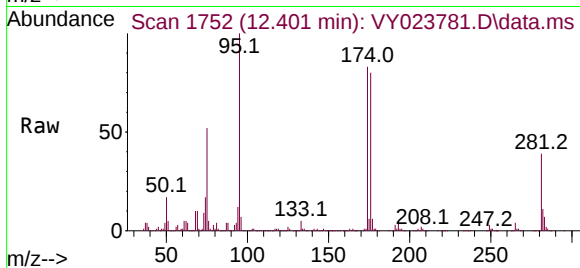




#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

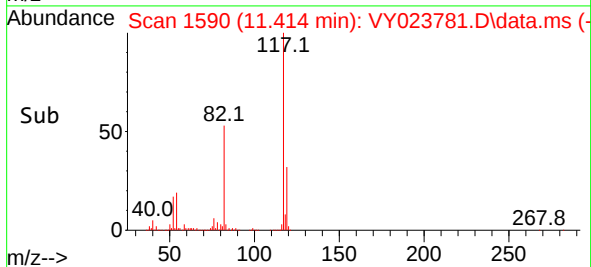
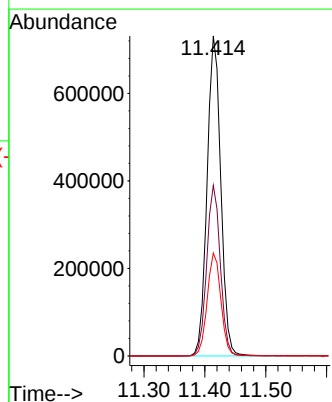
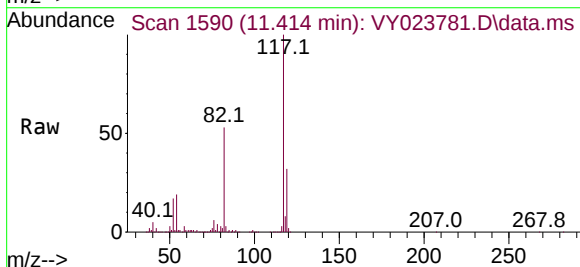
Instrument :
MSVOA_Y
ClientSampleId :
EME-GENERAL-FILL

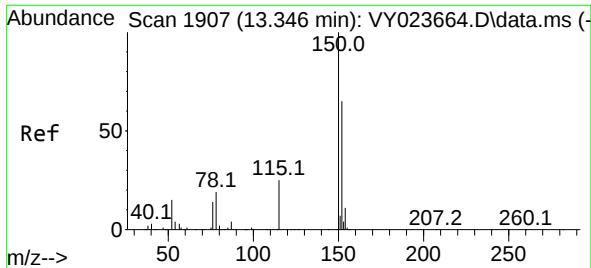
Tgt Ion: 95 Resp: 449949
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.8
176 86.0 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023781.D
Acq: 13 Nov 2025 13:01

Tgt Ion: 117 Resp: 1138969
Ion Ratio Lower Upper
117 100
82 53.3 41.2 61.8
119 32.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY023781.D
 Acq: 13 Nov 2025 13:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-GENERAL-FILL

Tgt Ion:152 Resp: 437964
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.5 82.5
 150 158.0 0.0 349.0

