

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022646.D
 Acq On : 10 Jun 2025 13:32
 Operator : SY/MD
 Sample : Q2251-07
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-182-GW-780-782

Quant Time: Jun 11 01:51:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

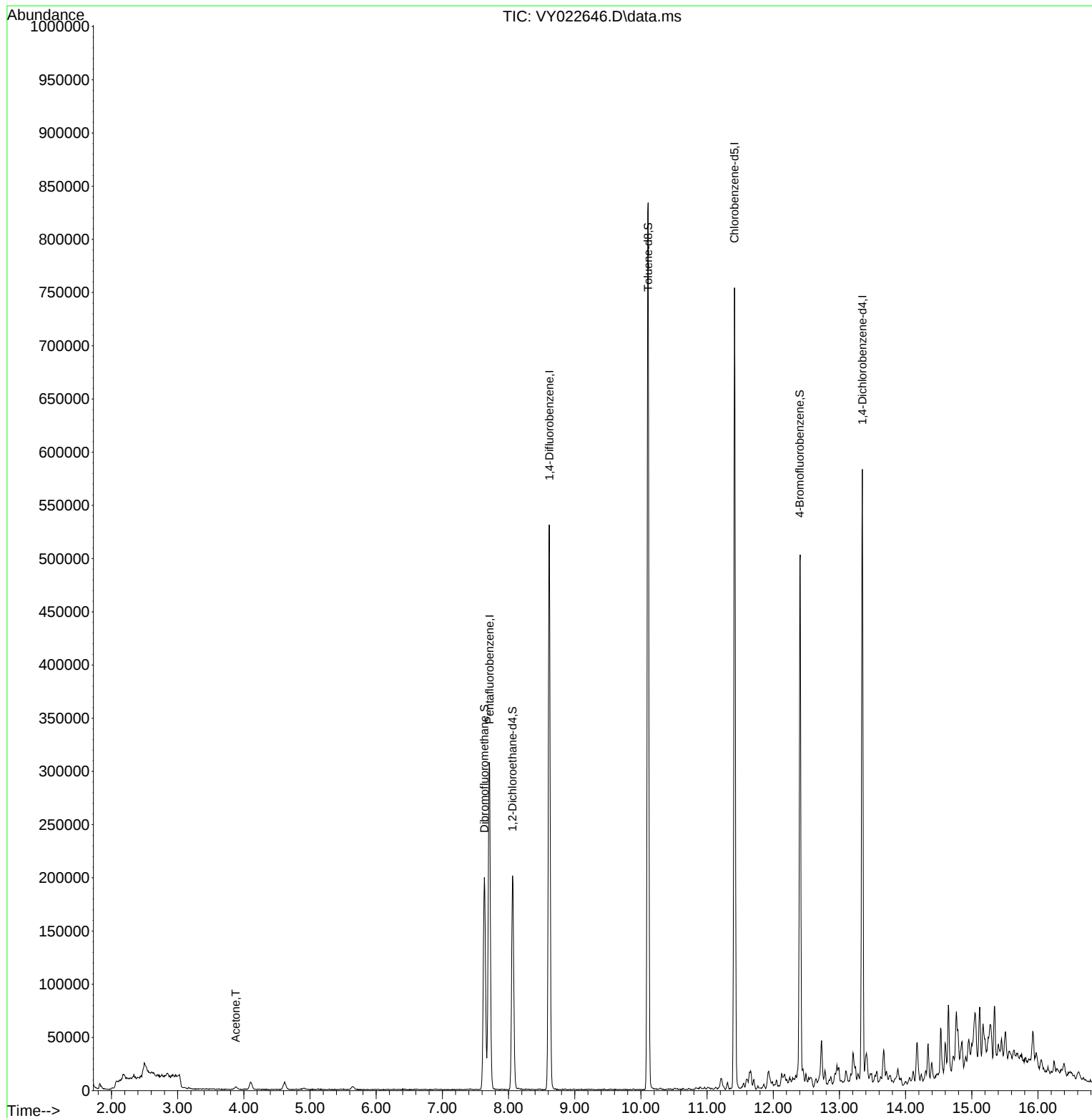
Internal Standards						
1) Pentafluorobenzene	7.713	168	224920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	427327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	355146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152224	60.512	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	121.020%	
35) Dibromofluoromethane	7.634	113	137541	53.924	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.840%	
50) Toluene-d8	10.109	98	521480	50.599	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.200%	
62) 4-Bromofluorobenzene	12.401	95	134165	43.692	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	87.380%	
Target Compounds						
16) Acetone	3.879	43	4432	8.675	ug/l	Qvalue 93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
Data File : VY022646.D
Acq On : 10 Jun 2025 13:32
Operator : SY/MD
Sample : Q2251-07
Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Time: Jun 11 01:51:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

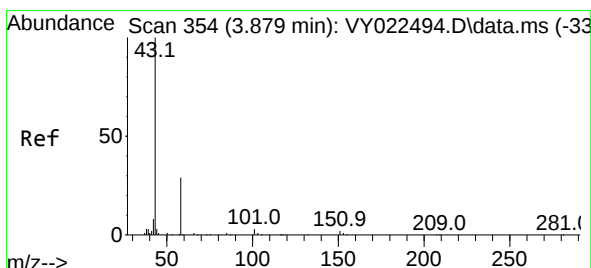
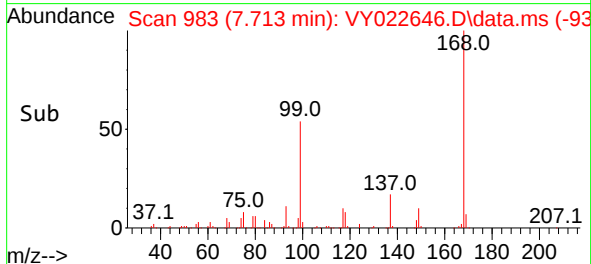
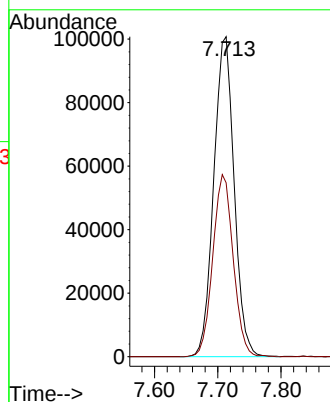
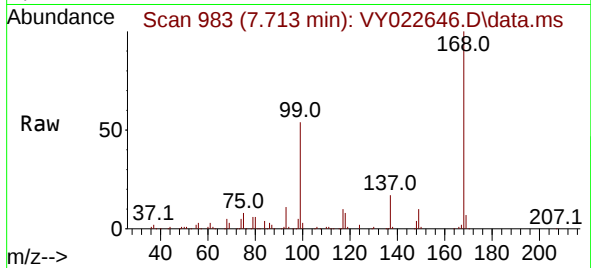




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

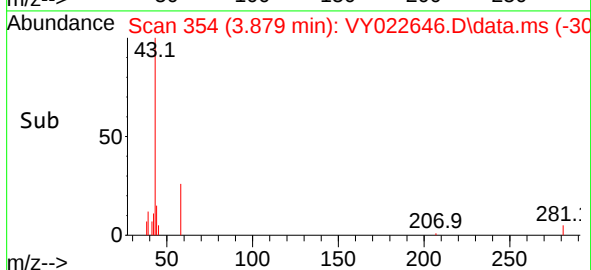
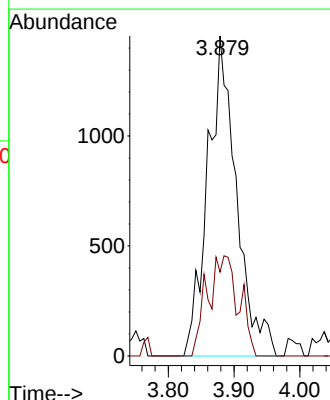
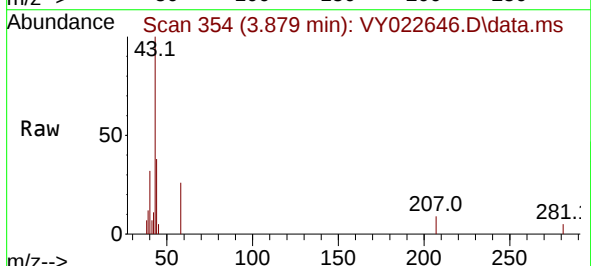
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

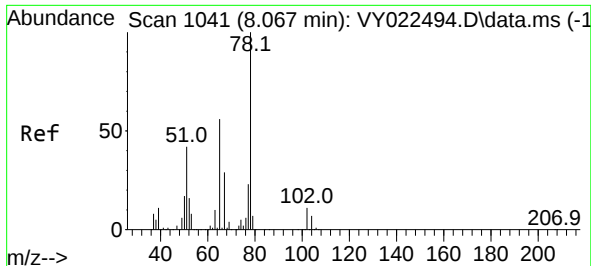
Tgt Ion:168 Resp: 224920
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#16
Acetone
Concen: 8.675 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

Tgt Ion: 43 Resp: 4432
Ion Ratio Lower Upper
43 100
58 26.2 24.0 36.0

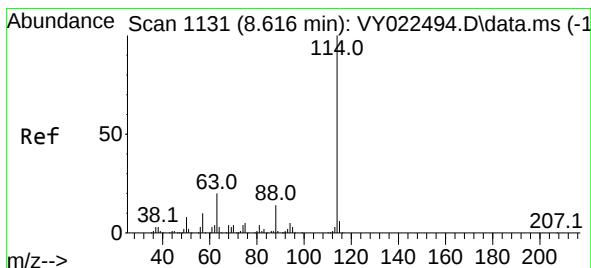
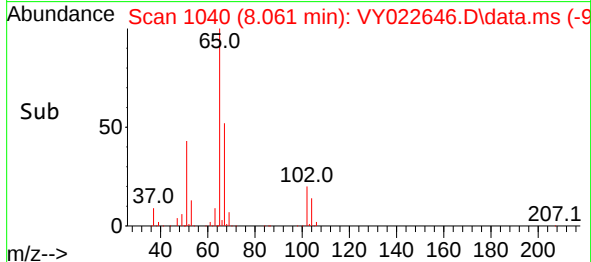
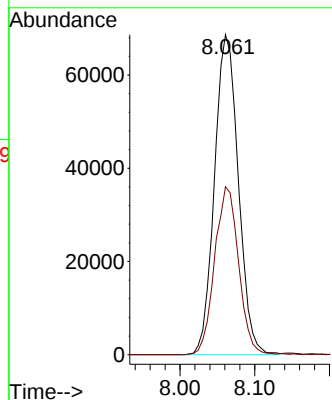
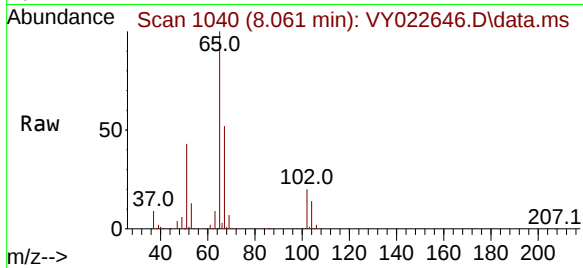




#33
1,2-Dichloroethane-d4
Concen: 60.512 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

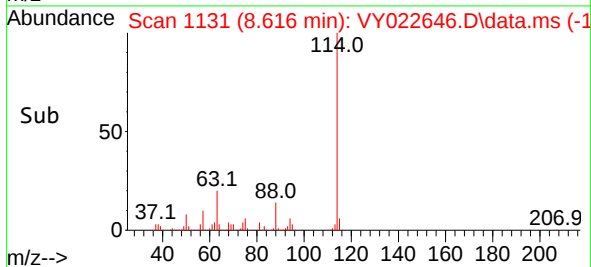
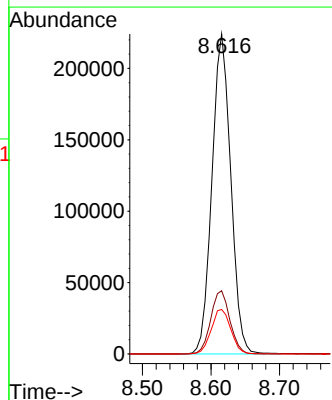
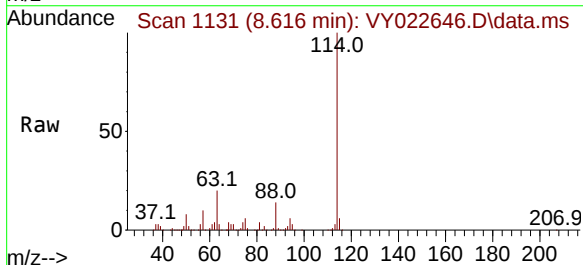
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion: 65 Resp: 152224
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

Tgt Ion: 114 Resp: 427327
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 13.9 0.0 27.8

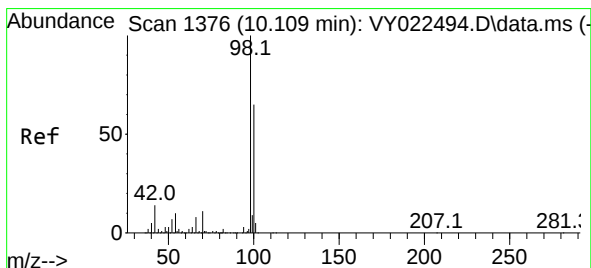
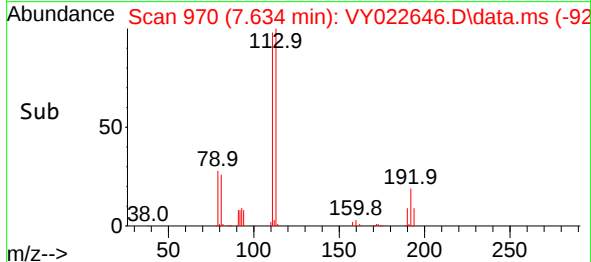
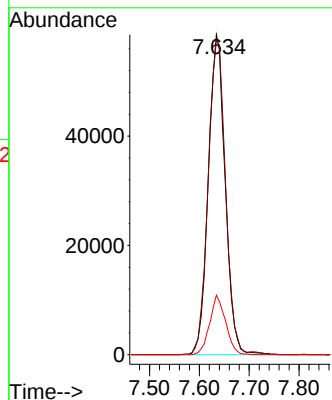
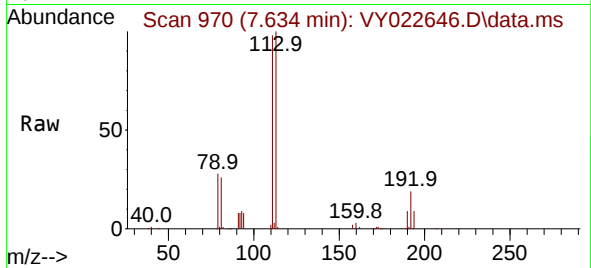




#35
Dibromofluoromethane
Concen: 53.924 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

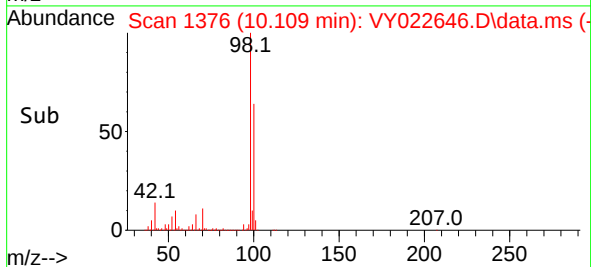
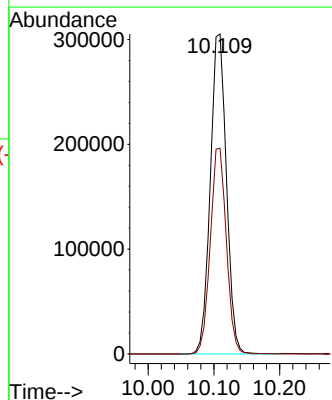
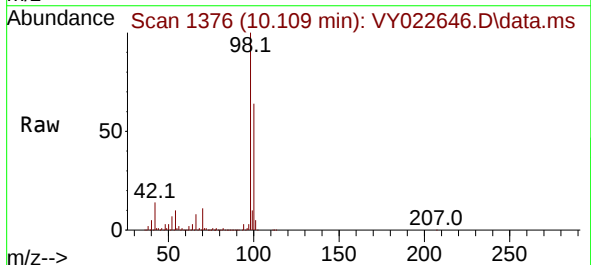
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

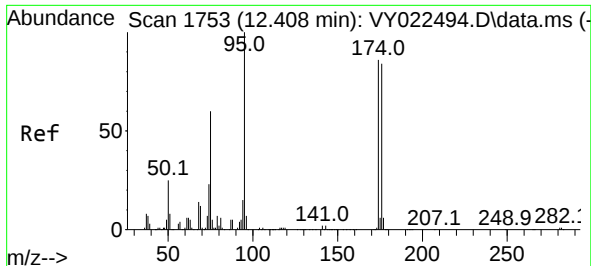
Tgt Ion:113 Resp: 137541
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 17.6 14.2 21.2



#50
Toluene-d8
Concen: 50.599 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

Tgt Ion: 98 Resp: 521480
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

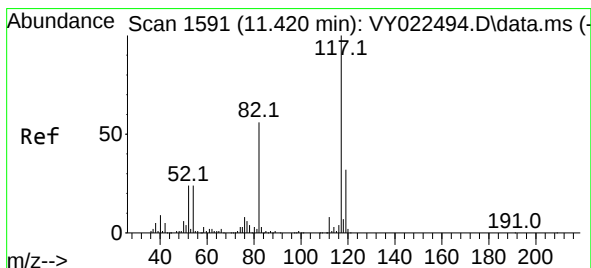
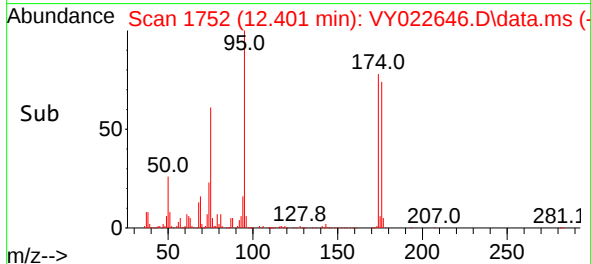
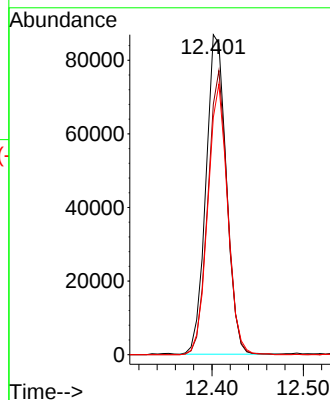
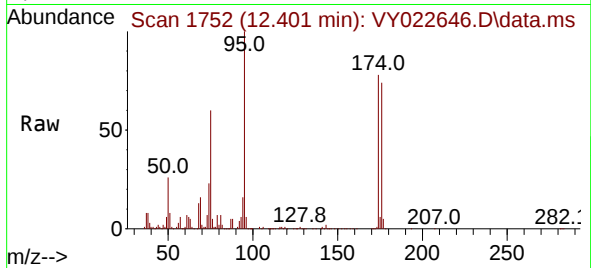




#62
4-Bromofluorobenzene
Concen: 43.692 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

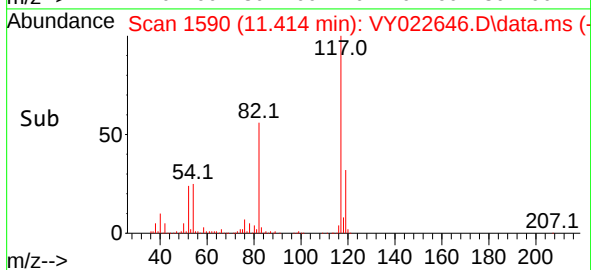
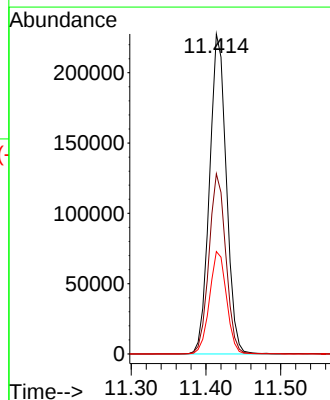
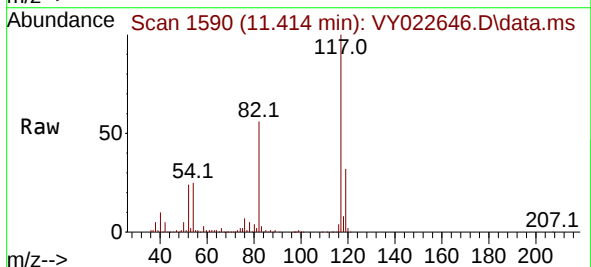
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

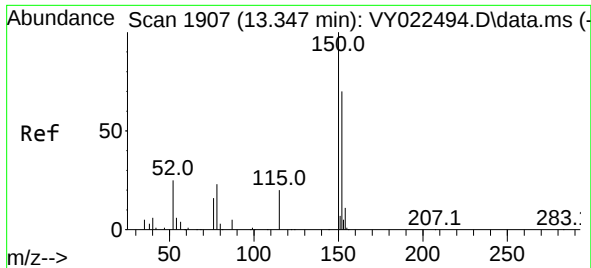
Tgt Ion: 95 Resp: 134165
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 82.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022646.D
Acq: 10 Jun 2025 13:32

Tgt Ion: 117 Resp: 355146
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022646.D
 Acq: 10 Jun 2025 13:32

Instrument : MSVOA_Y
 ClientSampleId : BP-VPB-182-GW-780-782

Tgt Ion:152 Resp: 128183
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.9 86.7
 150 158.6 0.0 349.6

