

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031996.D
 Acq On : 04 Aug 2025 13:12
 Operator : SY/MD
 Sample : Q2753-01
 Misc : 5.30g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 289

Quant Time: Aug 05 01:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	184751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	388096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138761	49.649	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.300%
35) Dibromofluoromethane	7.904	113	122162	46.323	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.640%
50) Toluene-d8	10.325	98	461551	46.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.617	95	165749	43.249	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	86.500%

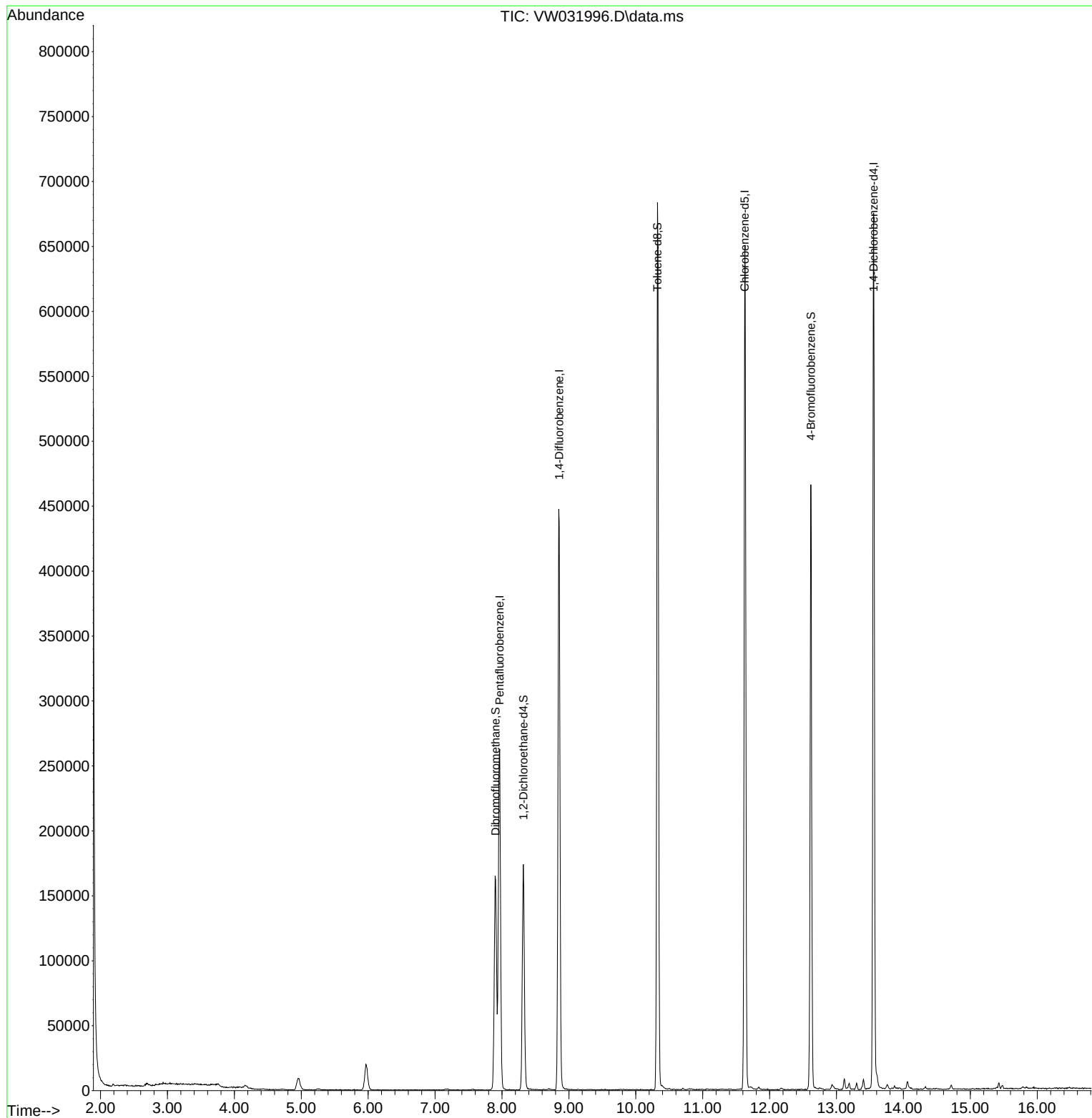
Target Compounds	Qvalue

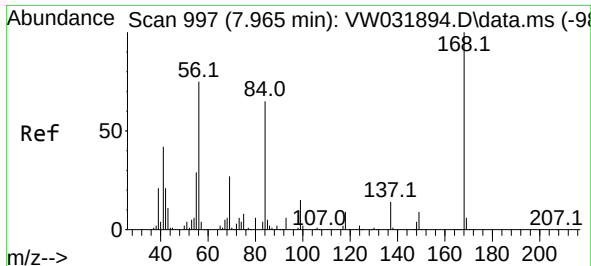
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
Data File : VW031996.D
Acq On : 04 Aug 2025 13:12
Operator : SY/MD
Sample : Q2753-01
Misc : 5.30g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
289

Quant Time: Aug 05 01:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

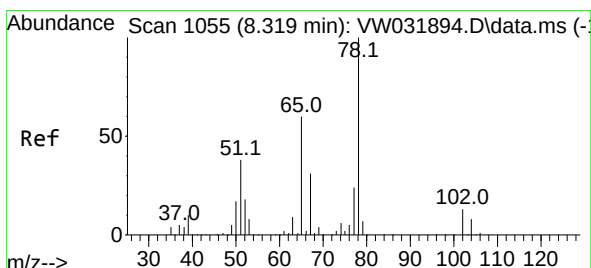
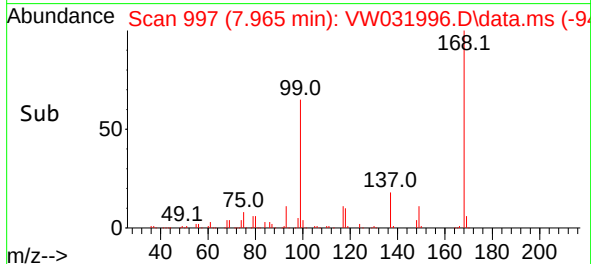
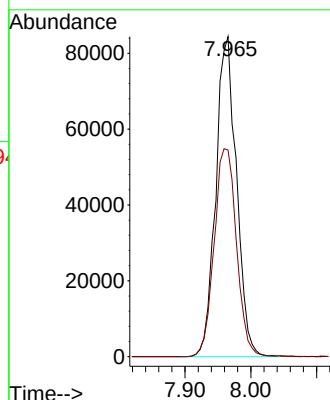
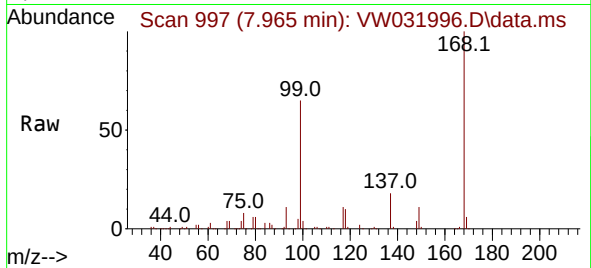




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

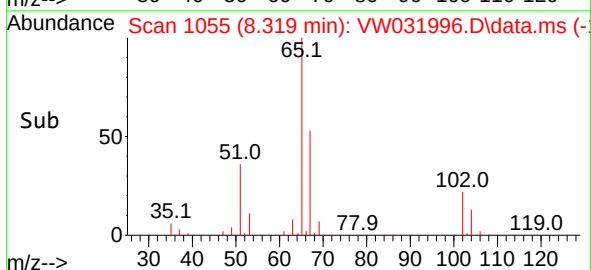
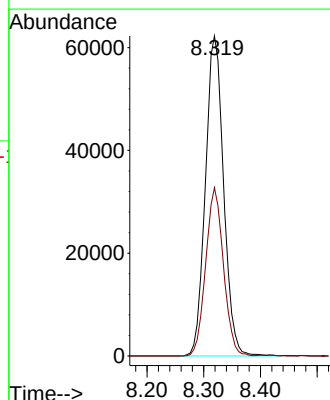
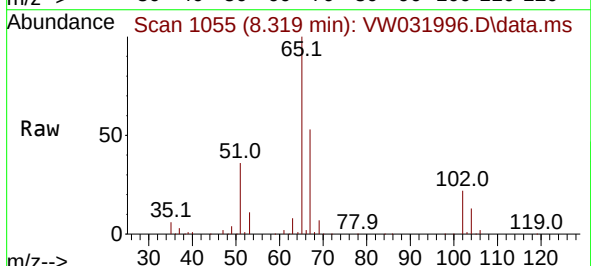
Instrument :
MSVOA_W
ClientSampleId :
289

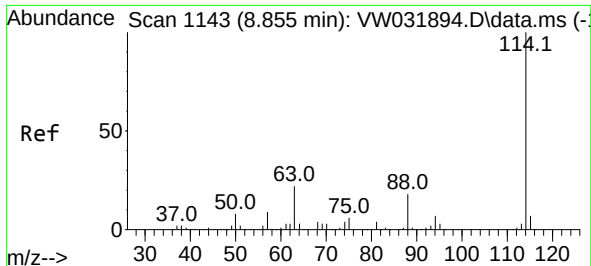
Tgt Ion:168 Resp: 184751
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 49.649 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

Tgt Ion: 65 Resp: 138761
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

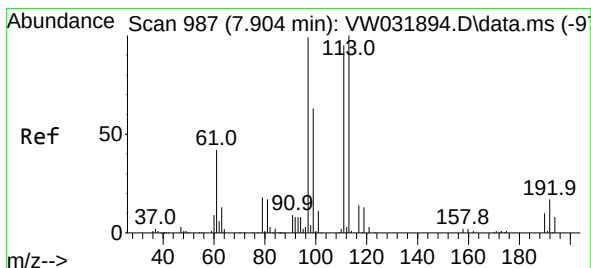
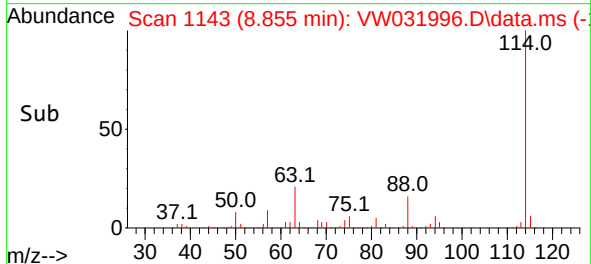
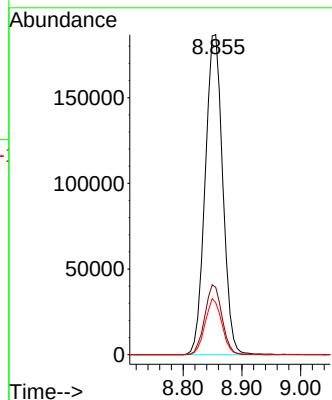
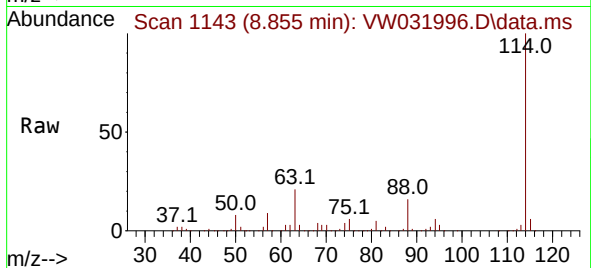




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

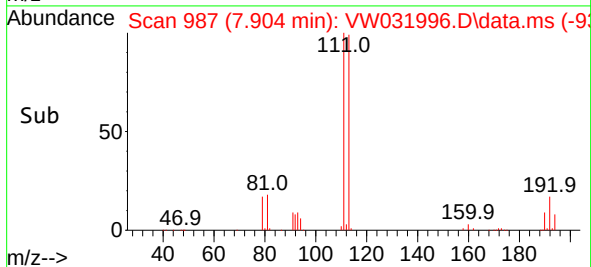
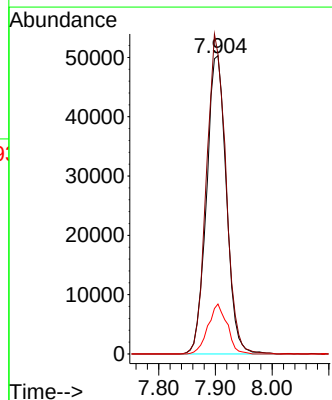
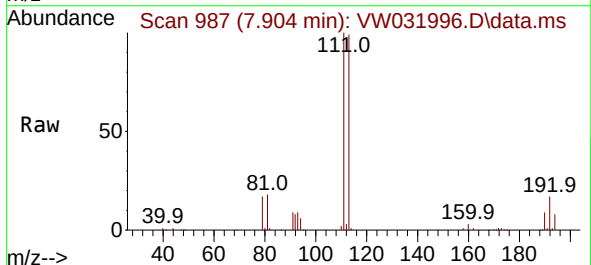
Instrument :
MSVOA_W
ClientSampleId :
289

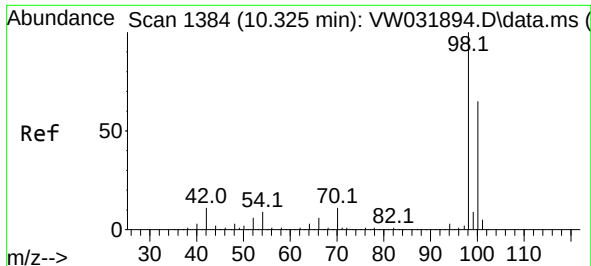
Tgt Ion:114 Resp: 388096
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.2
88 16.3 0.0 35.6



#35
Dibromofluoromethane
Concen: 46.323 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

Tgt Ion:113 Resp: 122162
Ion Ratio Lower Upper
113 100
111 104.9 79.9 119.9
192 16.2 12.6 19.0

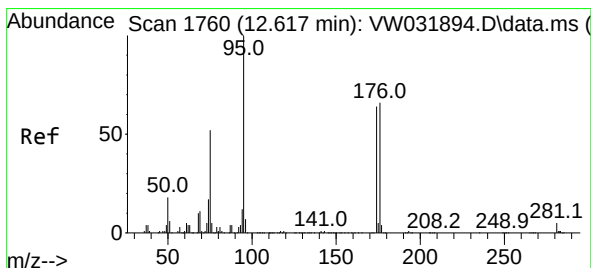
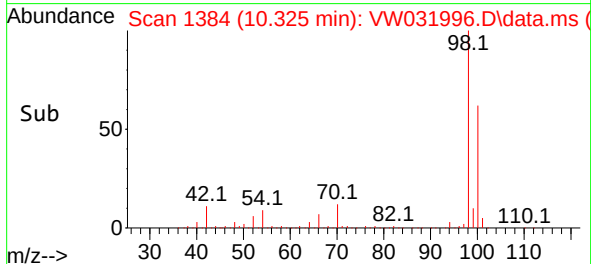
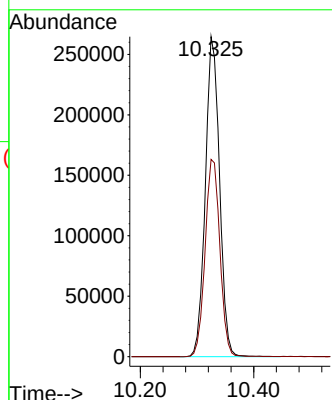
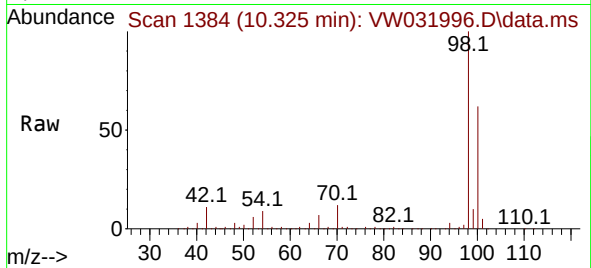




#50
Toluene-d8
Concen: 46.244 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

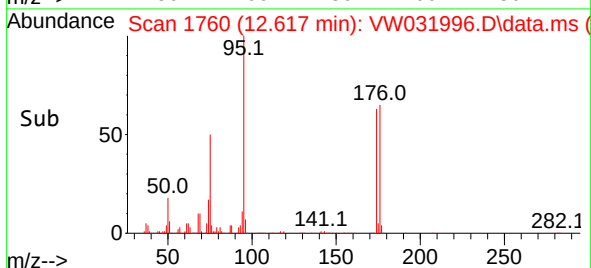
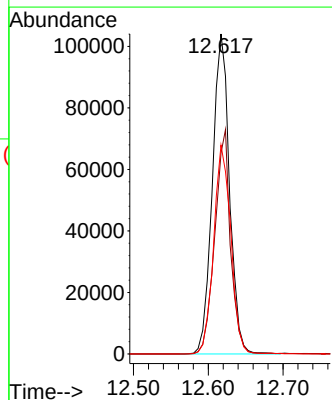
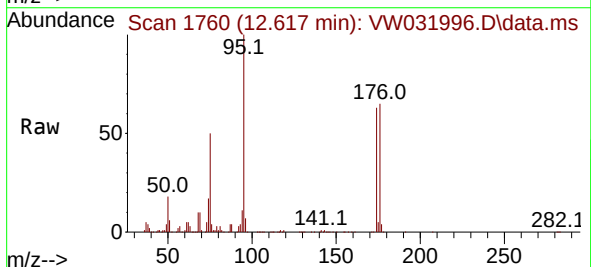
Instrument :
MSVOA_W
ClientSampleId :
289

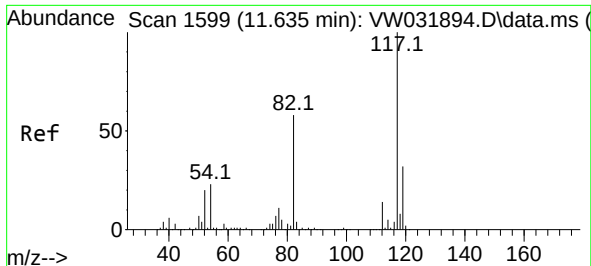
Tgt Ion: 98 Resp: 461551
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.249 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

Tgt Ion: 95 Resp: 165749
Ion Ratio Lower Upper
95 100
174 64.4 0.0 129.8
176 65.3 0.0 130.4

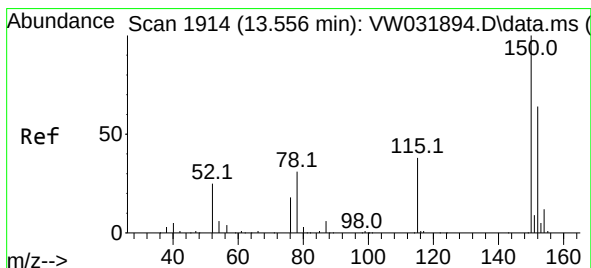
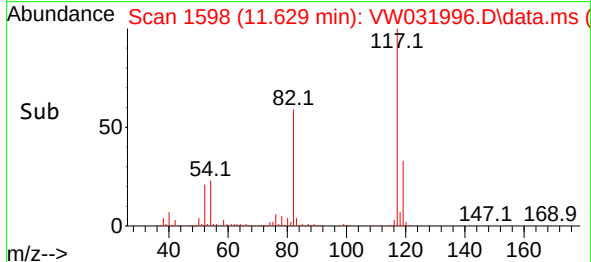
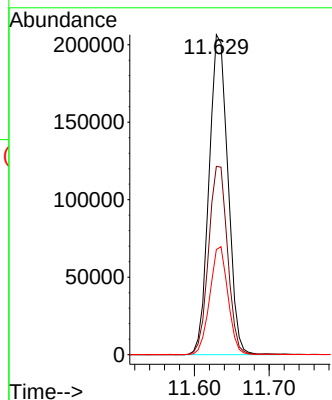
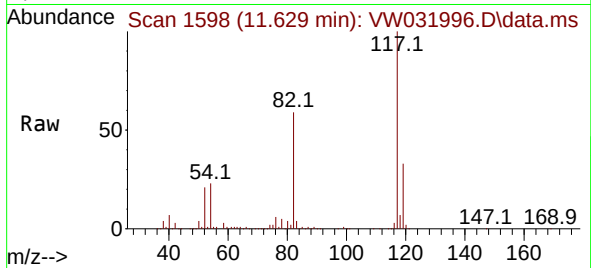




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

Instrument :
MSVOA_W
ClientSampleId :
289

Tgt Ion:117 Resp: 361614
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031996.D
Acq: 04 Aug 2025 13:12

Tgt Ion:152 Resp: 169621
Ion Ratio Lower Upper
152 100
115 66.8 33.4 100.1
150 163.3 0.0 352.2

