

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032216.D
 Acq On : 19 Sep 2025 15:27
 Operator : SY/MD
 Sample : Q3153-02
 Misc : 4.50g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-500-VOC-115

Quant Time: Sep 19 23:11:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	147071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	309449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	308387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	158674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	112982	53.716	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	107.440%
35) Dibromofluoromethane	7.904	113	104171	47.981	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.960%
50) Toluene-d8	10.330	98	349795	45.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.617	95	138297	49.071	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.140%

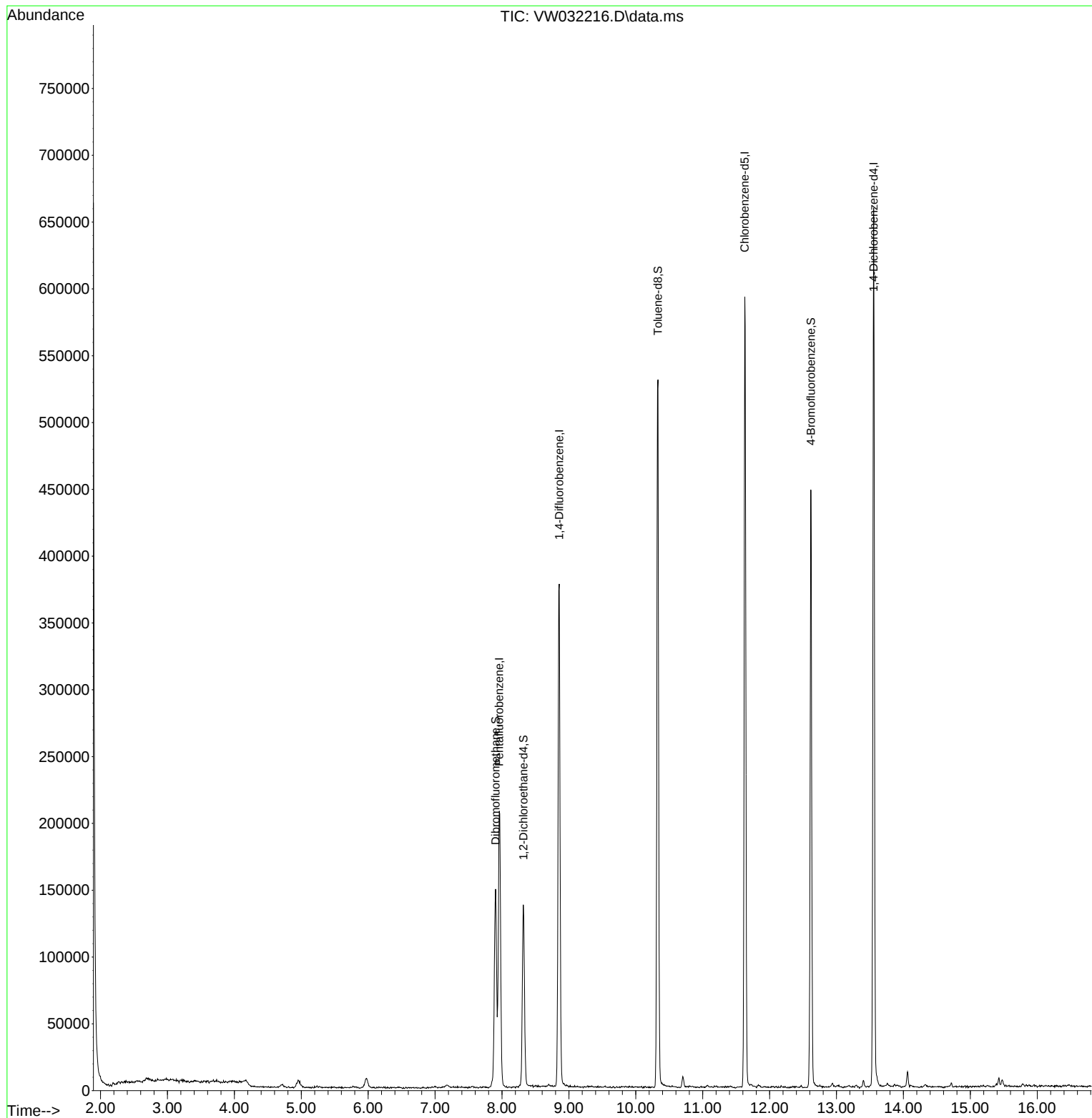
Target Compounds	Qvalue

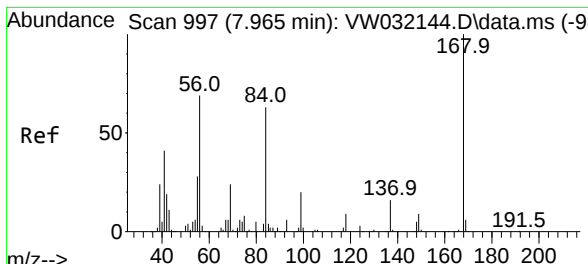
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032216.D
Acq On : 19 Sep 2025 15:27
Operator : SY/MD
Sample : Q3153-02
Misc : 4.50g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-500-VOC-115

Quant Time: Sep 19 23:11:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

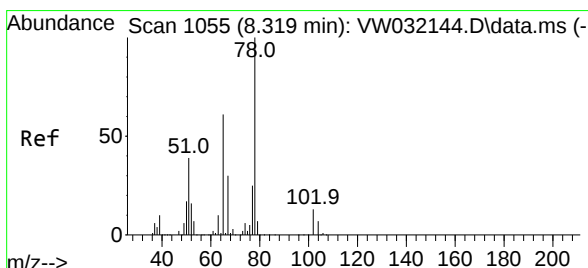
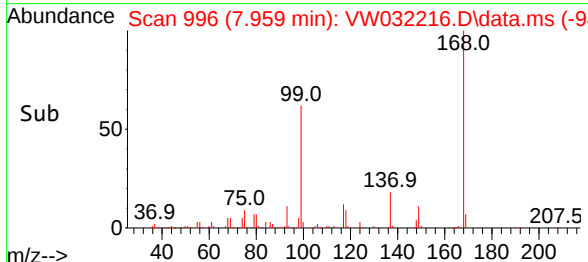
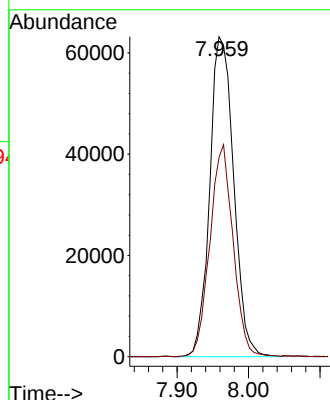
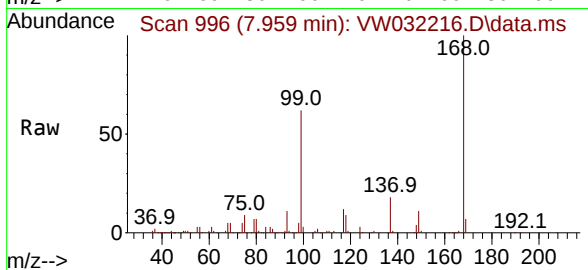




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

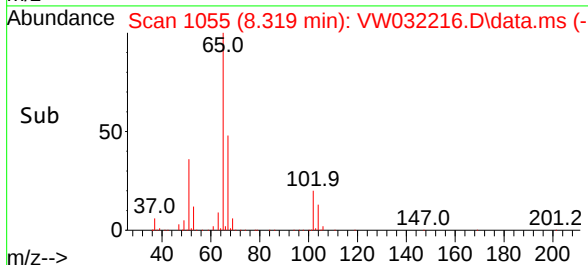
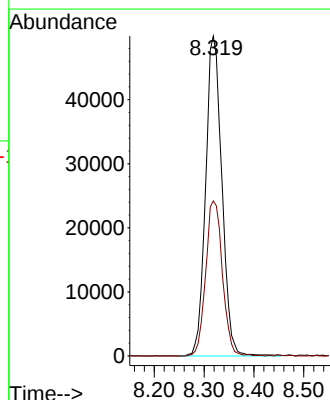
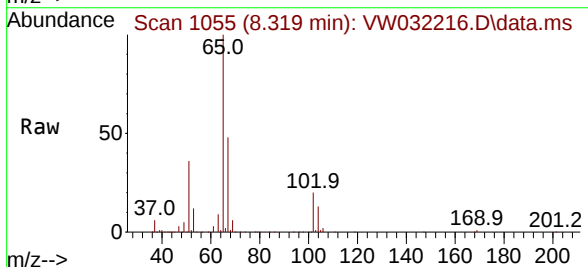
Instrument :
MSVOA_W
ClientSampleId :
OR-500-VOC-115

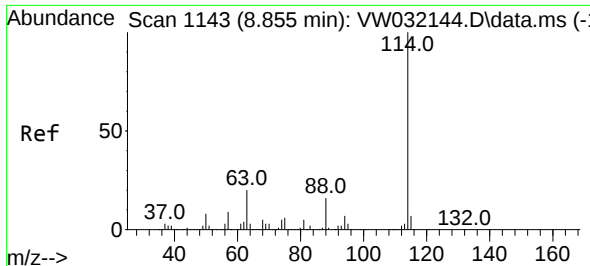
Tgt Ion:168 Resp: 147071
Ion Ratio Lower Upper
168 100
99 62.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 53.716 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

Tgt Ion: 65 Resp: 112982
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.6

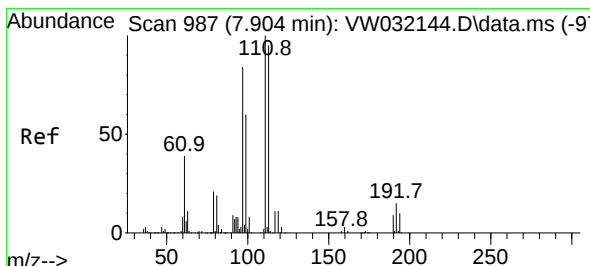
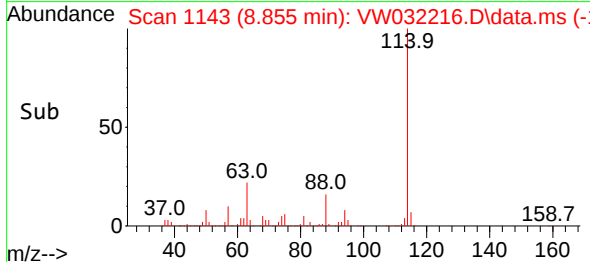
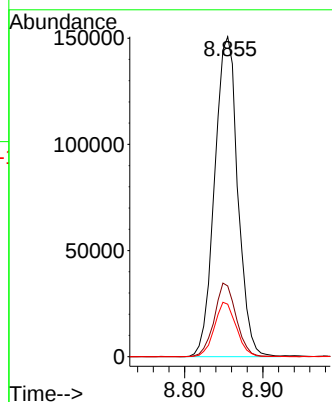
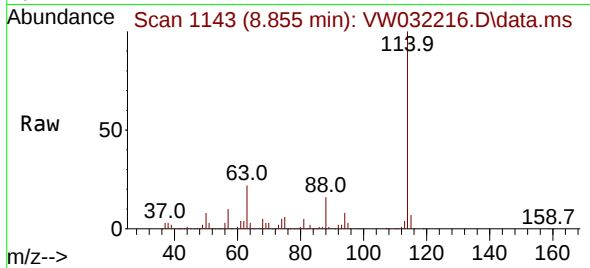




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

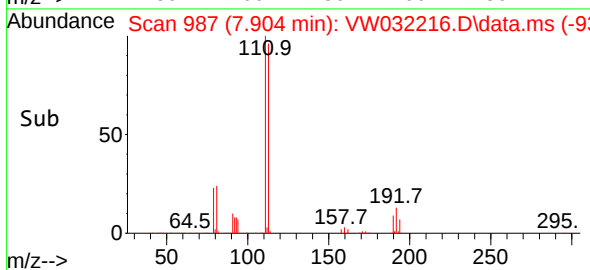
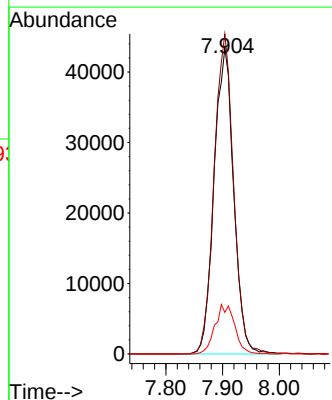
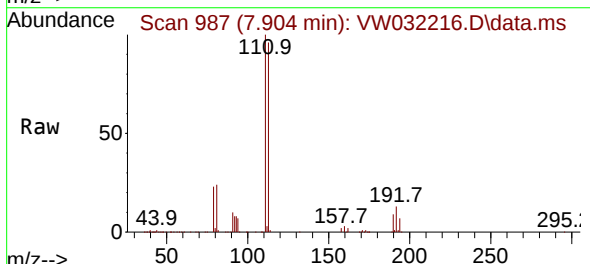
Instrument :
MSVOA_W
ClientSampleId :
OR-500-VOC-115

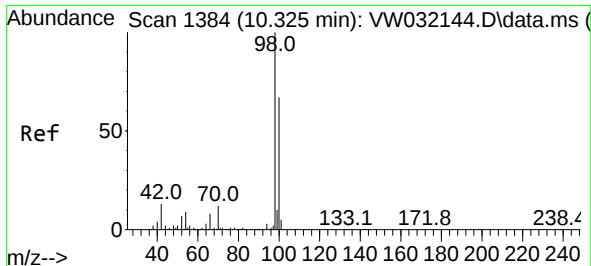
Tgt Ion:114 Resp: 309449
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.4
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

Tgt Ion:113 Resp: 104171
Ion Ratio Lower Upper
113 100
111 103.3 83.9 125.9
192 16.3 14.6 21.8

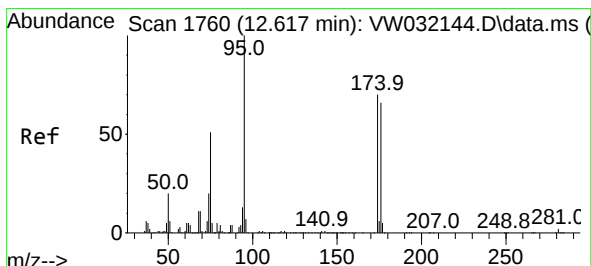
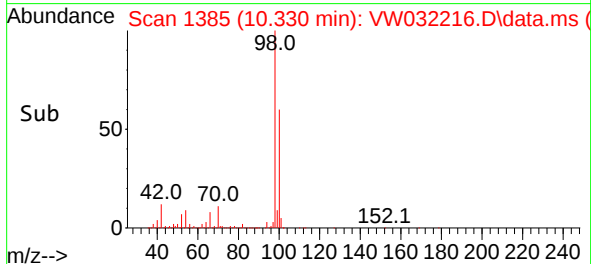
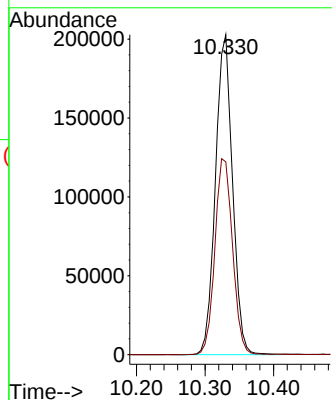
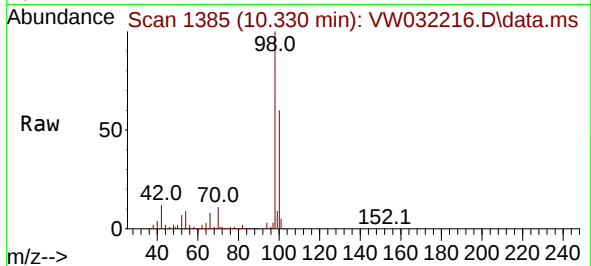




#50
Toluene-d8
Concen: 45.896 ug/l
RT: 10.330 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

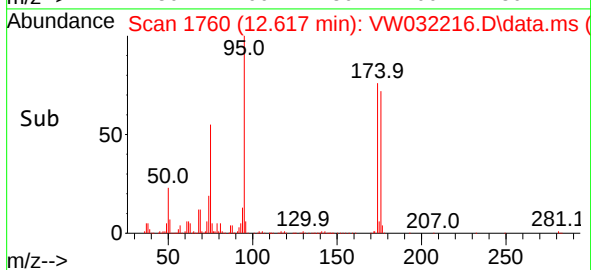
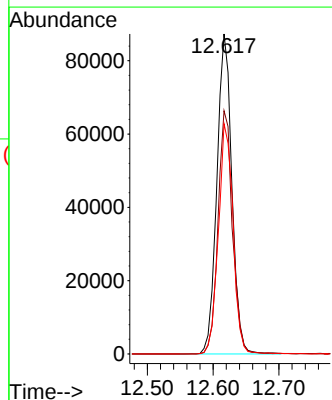
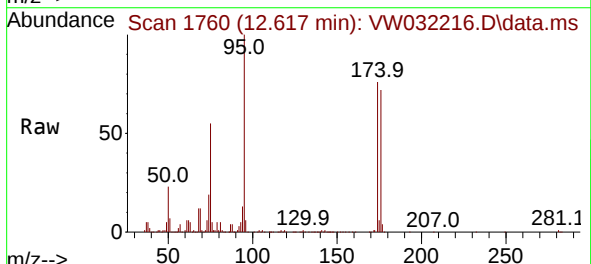
Instrument :
MSVOA_W
ClientSampleId :
OR-500-VOC-115

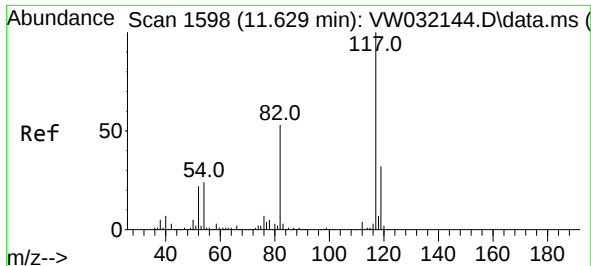
Tgt Ion: 98 Resp: 349795
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 49.071 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.001 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

Tgt Ion: 95 Resp: 138297
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.6
176 70.6 0.0 140.8

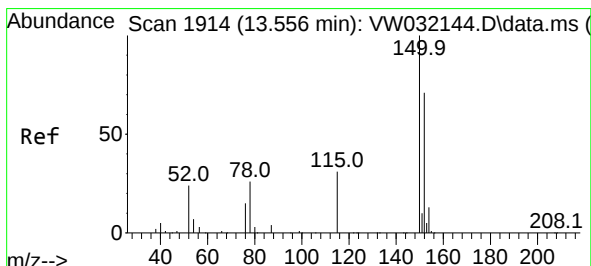
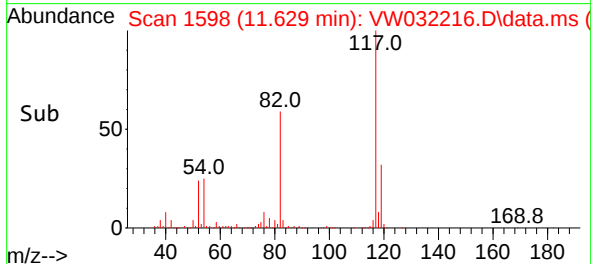
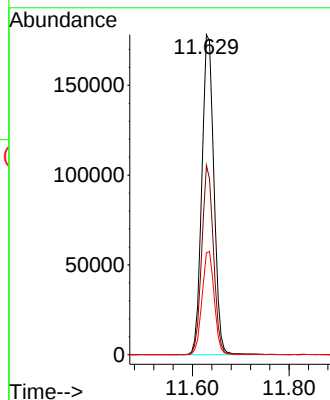
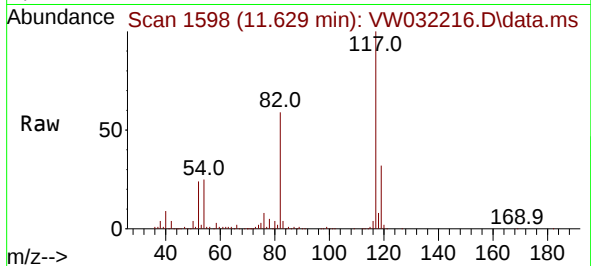




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

Instrument :
MSVOA_W
ClientSampleId :
OR-500-VOC-115

Tgt Ion:117 Resp: 308387
Ion Ratio Lower Upper
117 100
82 59.1 42.7 64.1
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.001 min
Lab File: VW032216.D
Acq: 19 Sep 2025 15:27

Tgt Ion:152 Resp: 158674
Ion Ratio Lower Upper
152 100
115 62.9 31.8 95.4
150 157.5 0.0 343.0

