

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
 Data File : VW032310.D
 Acq On : 30 Sep 2025 17:48
 Operator : SY/MD
 Sample : Q3256-07
 Misc : 4.79g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-PILE-2-WC-VOC

Quant Time: Oct 01 00:56:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	176734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	395131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	415438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	207236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170841	61.220	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	122.440%
35) Dibromofluoromethane	7.898	113	141320	49.731	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.460%
50) Toluene-d8	10.325	98	525744	51.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.617	95	192847	49.921	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.840%

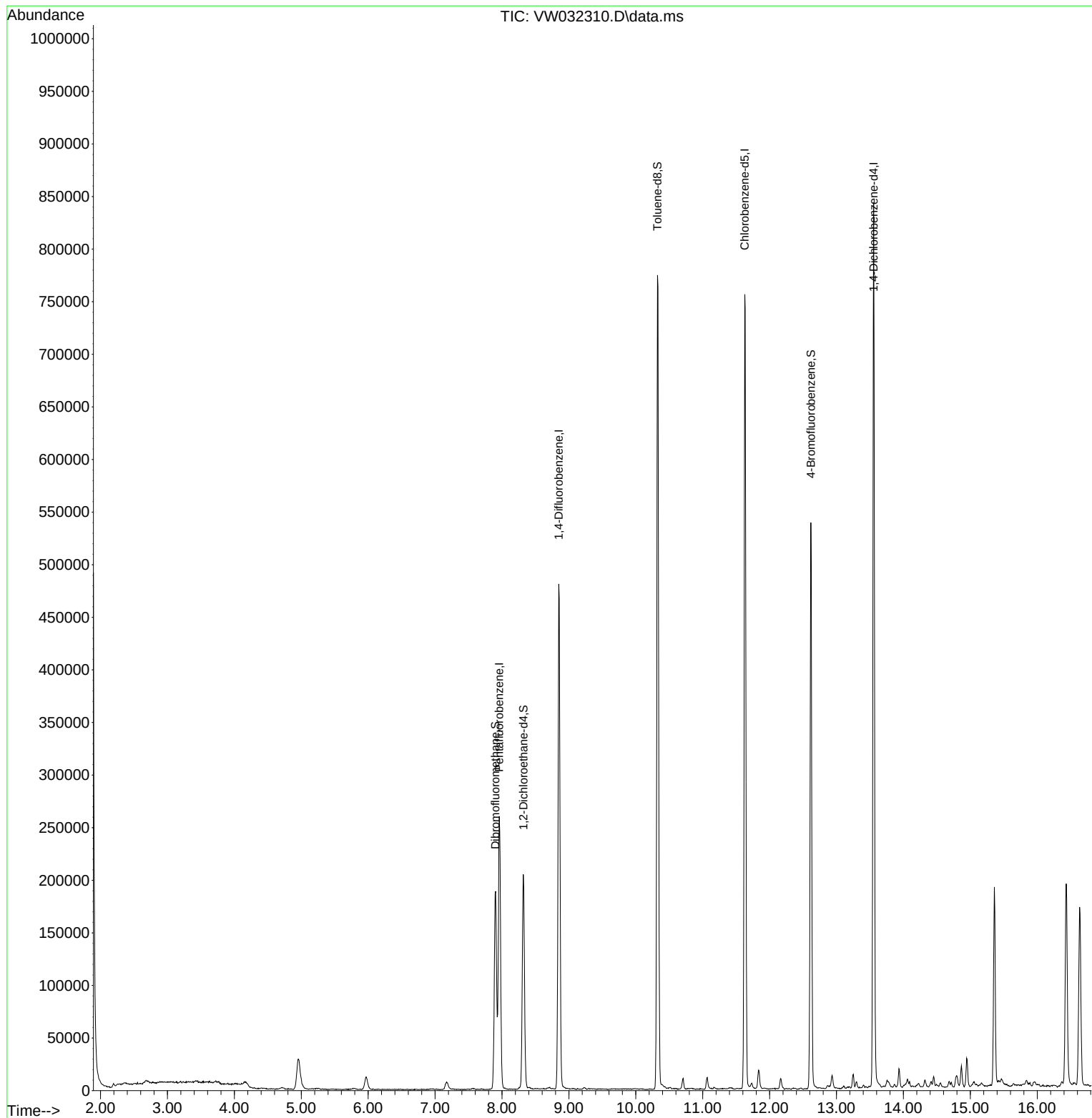
Target Compounds	Qvalue

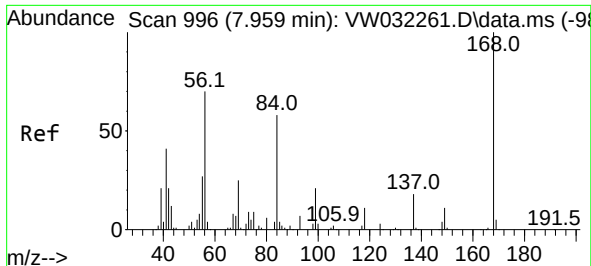
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
Data File : VW032310.D
Acq On : 30 Sep 2025 17:48
Operator : SY/MD
Sample : Q3256-07
Misc : 4.79g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-PILE-2-WC-VOC

Quant Time: Oct 01 00:56:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

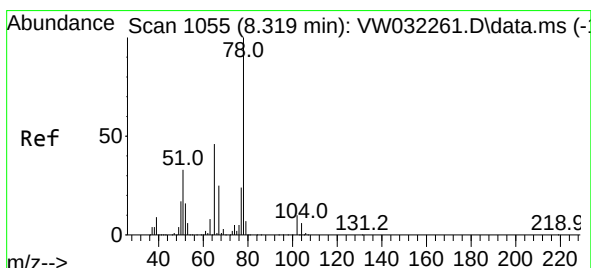
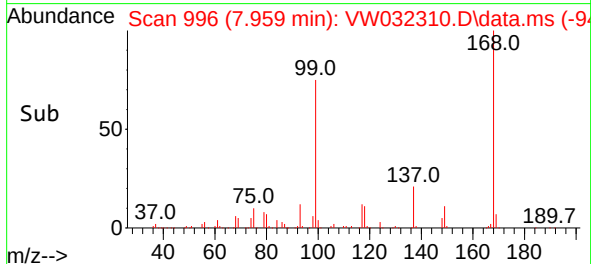
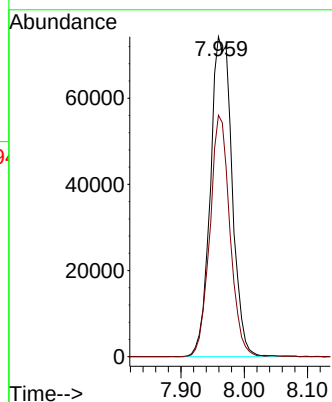
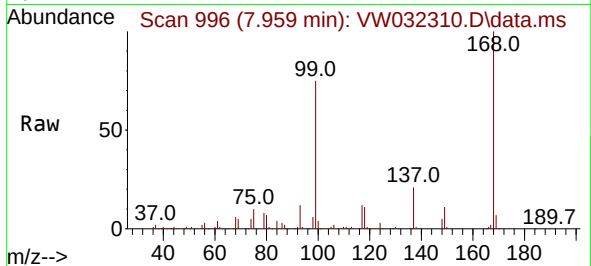




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

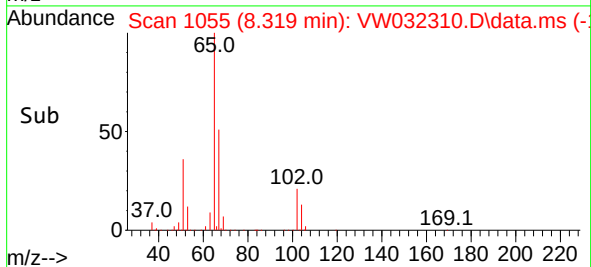
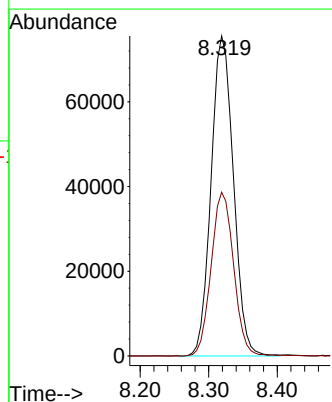
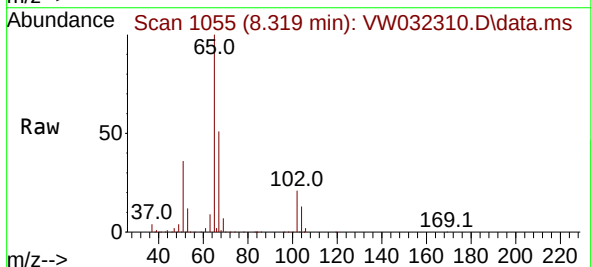
Instrument :
MSVOA_W
ClientSampleId :
SOIL-PILE-2-WC-VOC

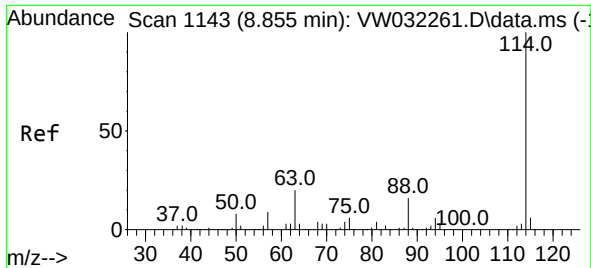
Tgt Ion:168 Resp: 176734
Ion Ratio Lower Upper
168 100
99 75.4 55.0 82.4



#33
1,2-Dichloroethane-d4
Concen: 61.220 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

Tgt Ion: 65 Resp: 170841
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

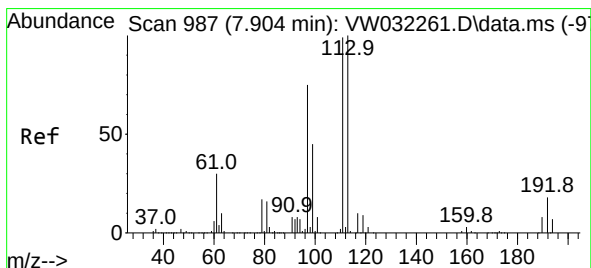
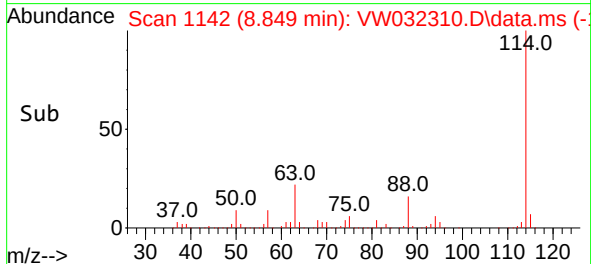
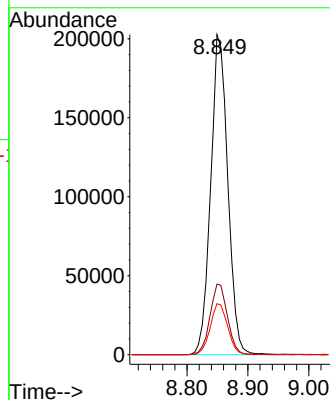
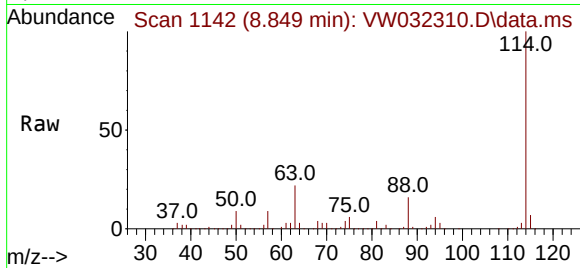




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

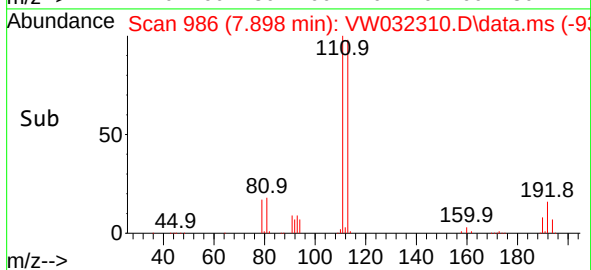
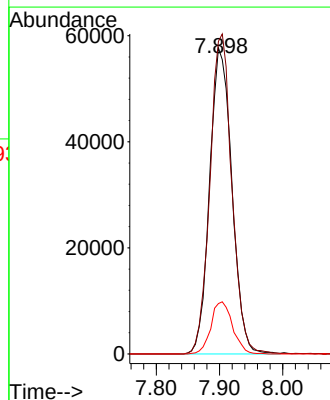
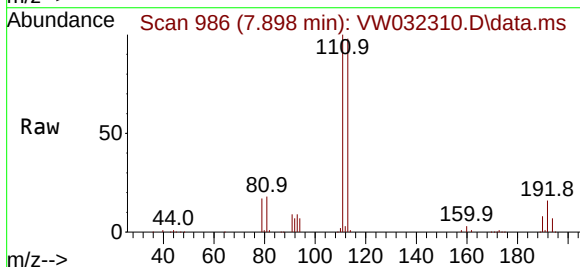
Instrument :
MSVOA_W
ClientSampleId :
SOIL-PILE-2-WC-VOC

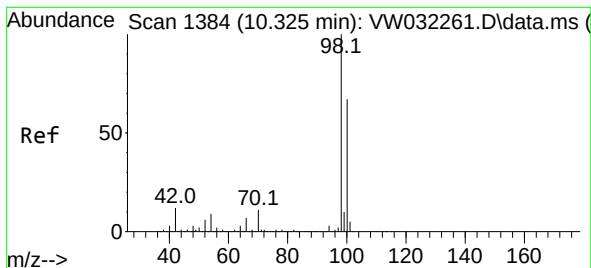
Tgt Ion:114 Resp: 395131
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.2
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.731 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

Tgt Ion:113 Resp: 141320
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 16.5 13.0 19.4





#50

Toluene-d8

Concen: 51.336 ug/l

RT: 10.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032310.D

Acq: 30 Sep 2025 17:48

Instrument :

MSVOA_W

ClientSampleId :

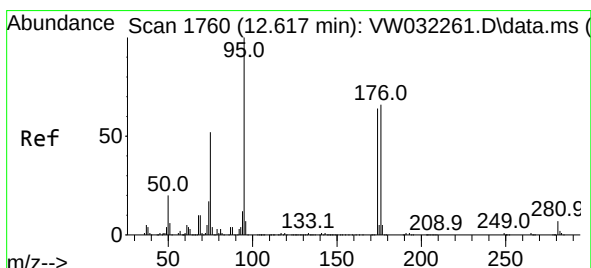
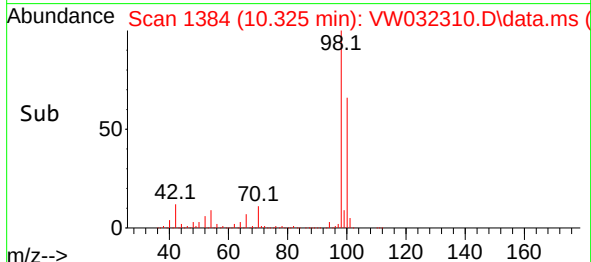
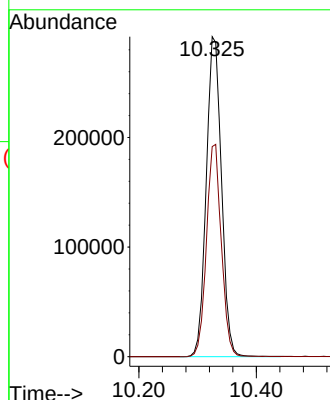
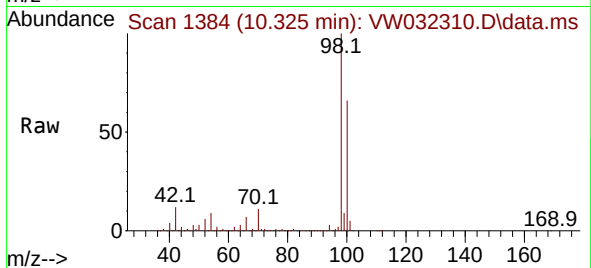
SOIL-PILE-2-WC-VOC

Tgt Ion: 98 Resp: 525744

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.921 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW032310.D

Acq: 30 Sep 2025 17:48

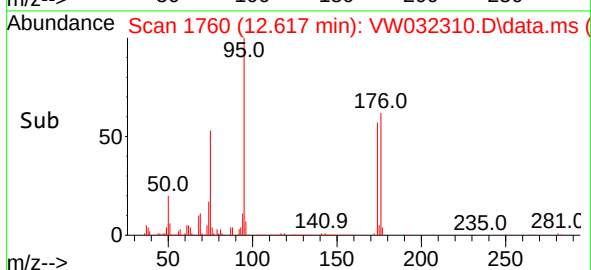
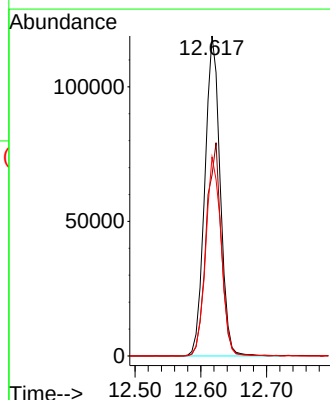
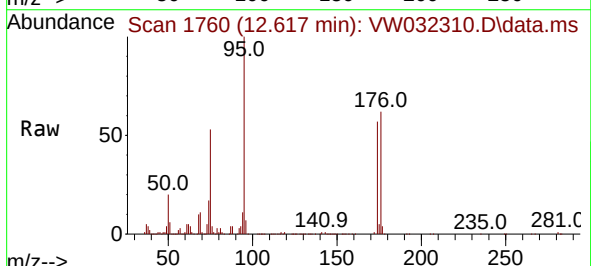
Tgt Ion: 95 Resp: 192847

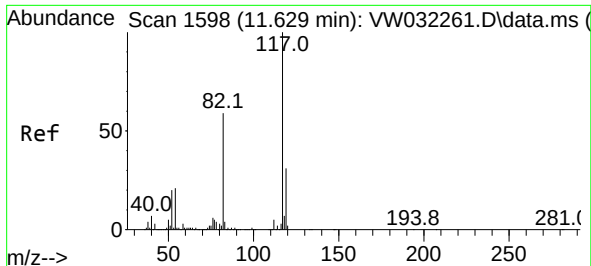
Ion Ratio Lower Upper

95 100

174 65.1 0.0 130.6

176 62.7 0.0 127.0

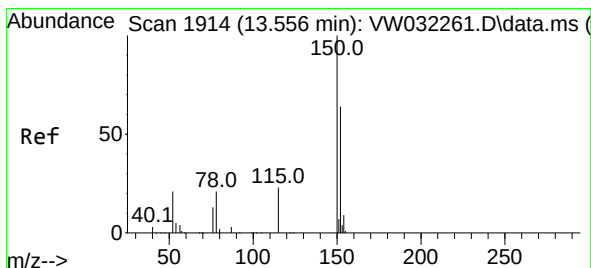
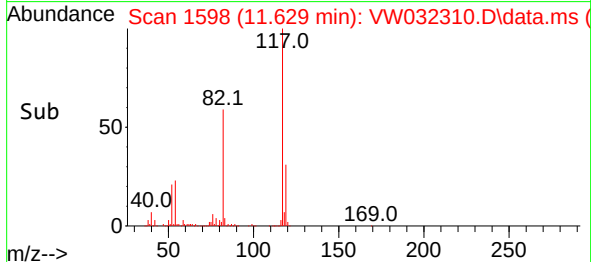
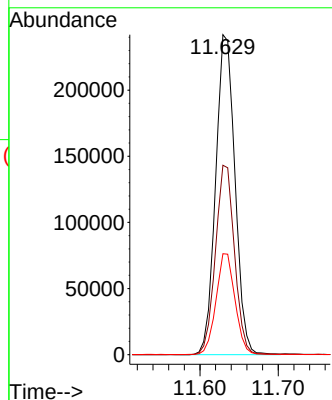
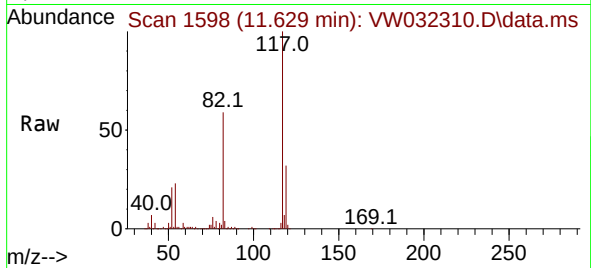




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

Instrument :
MSVOA_W
ClientSampleId :
SOIL-PILE-2-WC-VOC

Tgt Ion:117 Resp: 415438
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 31.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032310.D
Acq: 30 Sep 2025 17:48

Tgt Ion:152 Resp: 207236
Ion Ratio Lower Upper
152 100
115 64.1 32.5 97.5
150 160.4 0.0 370.2

