

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032093.D
 Acq On : 14 Aug 2025 15:01
 Operator : SY/MD
 Sample : Q2820-10
 Misc : 5.39g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DUP-2

Quant Time: Aug 18 03:53:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

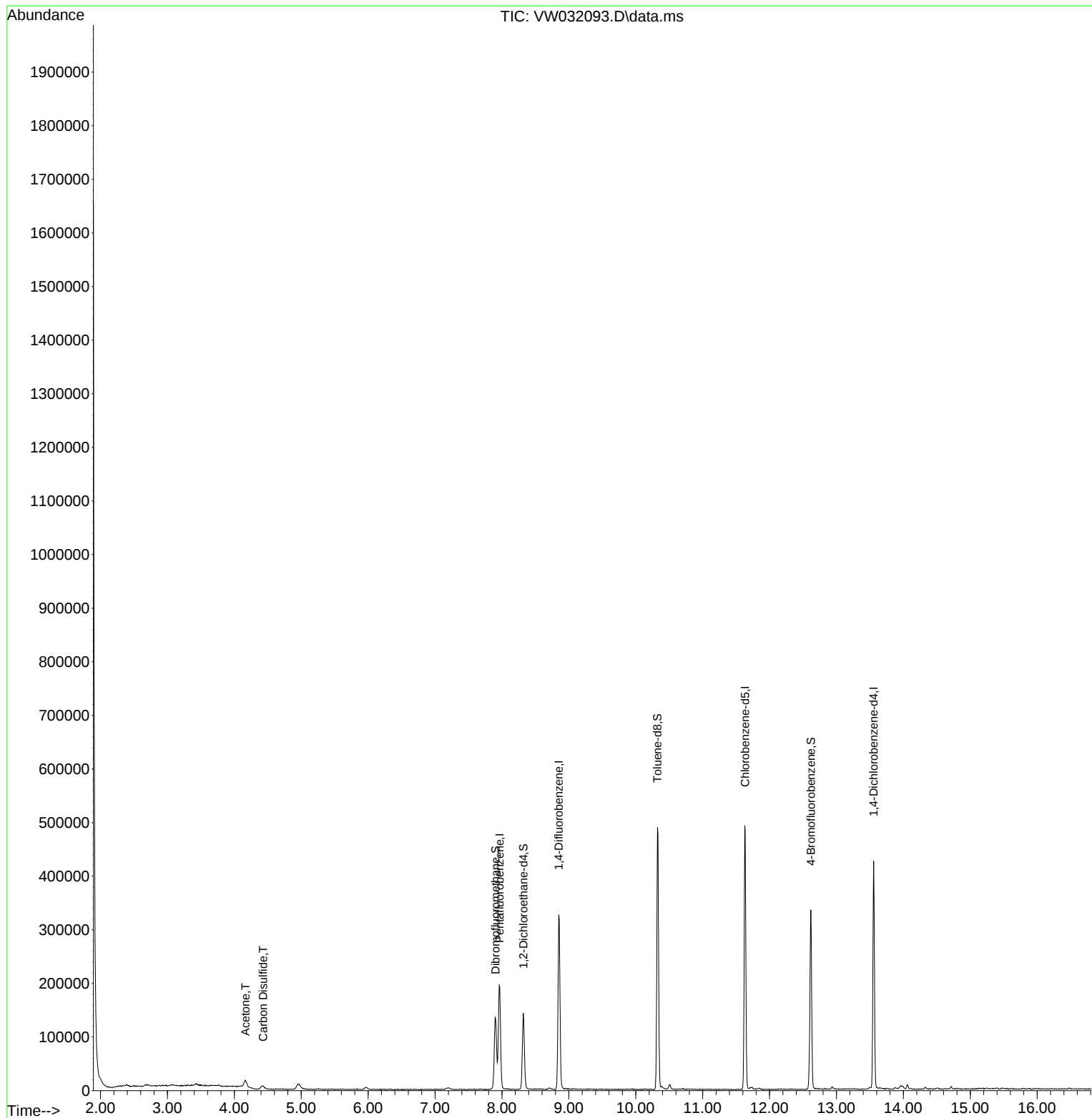
Internal Standards						
1) Pentafluorobenzene	7.965	168	131941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	266004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	258211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	103366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	113358	59.405	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	118.800%
35) Dibromofluoromethane	7.904	113	97310	56.625	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	113.260%
50) Toluene-d8	10.325	98	318544	50.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.617	95	102332	43.688	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	87.380%
Target Compounds						
						Qvalue
16) Acetone	4.167	43	21181	47.942	ug/l	97
17) Carbon Disulfide	4.430	76	14886	3.466	ug/l	98

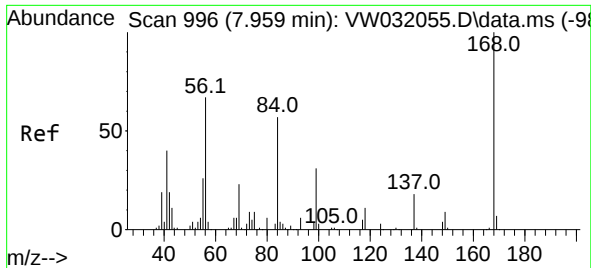
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032093.D
Acq On : 14 Aug 2025 15:01
Operator : SY/MD
Sample : Q2820-10
Misc : 5.39g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-DUP-2

Quant Time: Aug 18 03:53:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

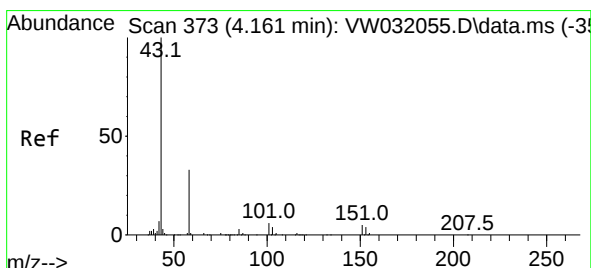
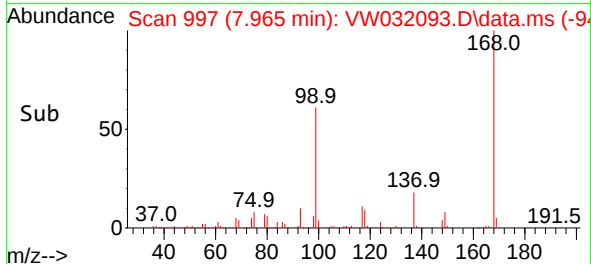
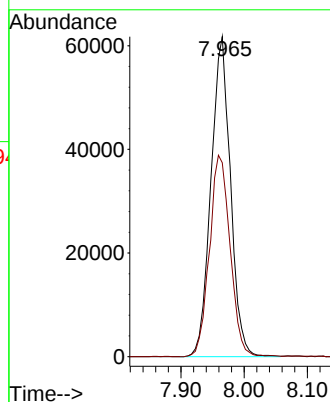
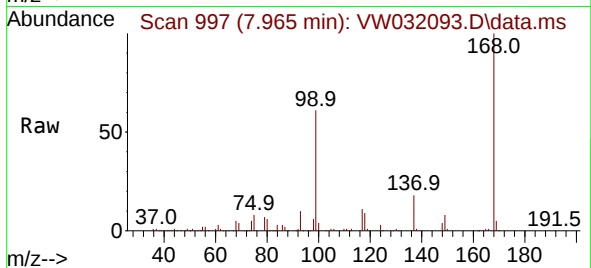




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

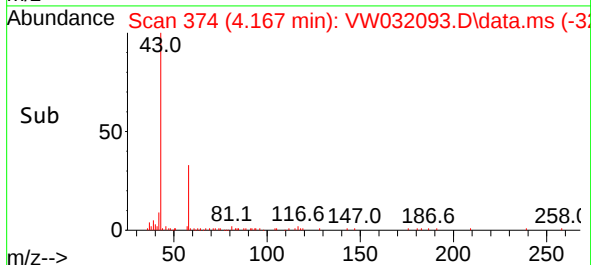
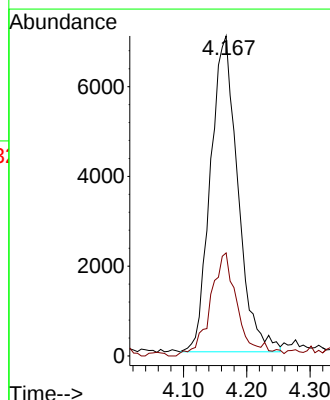
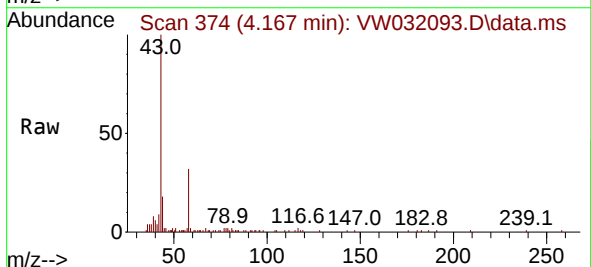
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DUP-2

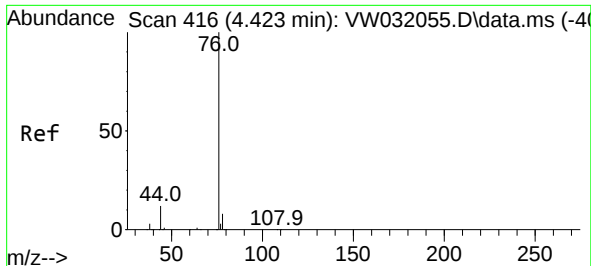
Tgt Ion:168 Resp: 131941
Ion Ratio Lower Upper
168 100
99 60.6 56.0 84.0



#16
Acetone
Concen: 47.942 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

Tgt Ion: 43 Resp: 21181
Ion Ratio Lower Upper
43 100
58 31.8 26.6 39.8

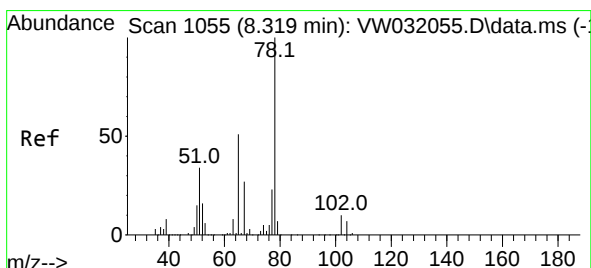
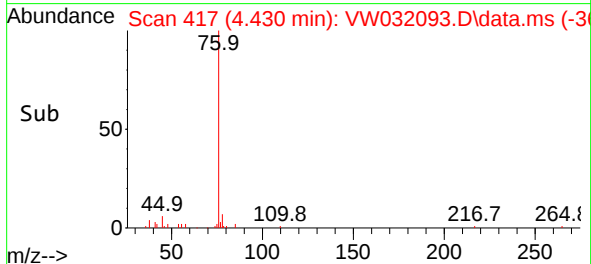
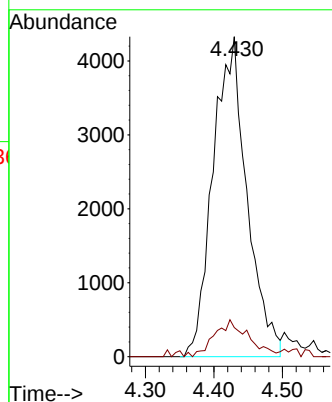
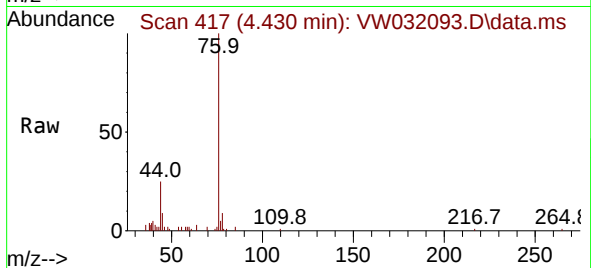




#17
Carbon Disulfide
Concen: 3.466 ug/l
RT: 4.430 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

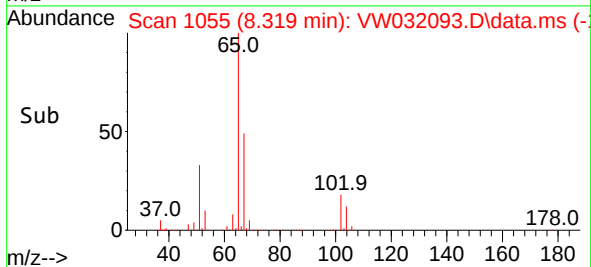
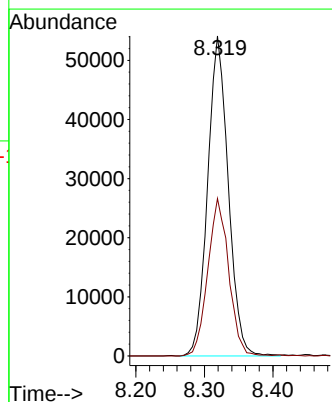
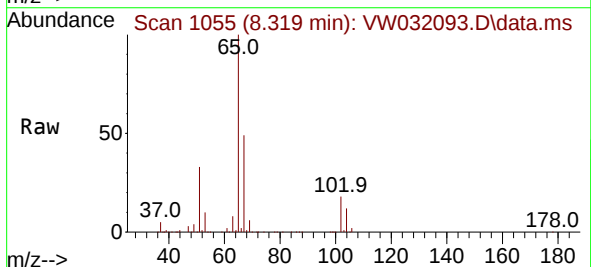
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DUP-2

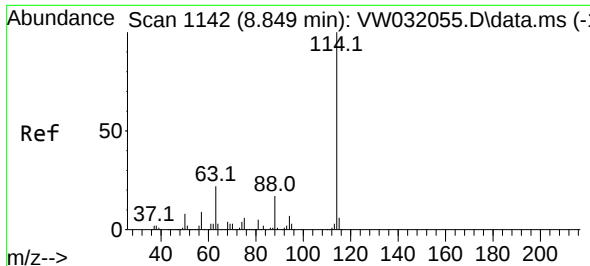
Tgt Ion: 76 Resp: 14886
Ion Ratio Lower Upper
76 100
78 8.8 6.4 9.6



#33
1,2-Dichloroethane-d4
Concen: 59.405 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

Tgt Ion: 65 Resp: 113358
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032093.D

Acq: 14 Aug 2025 15:01

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DUP-2

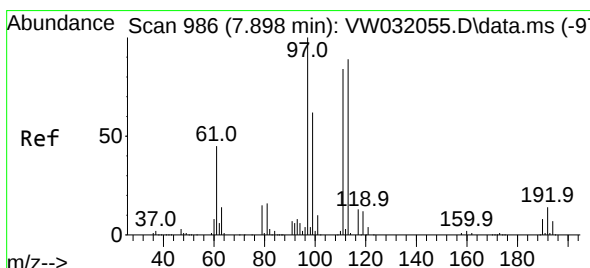
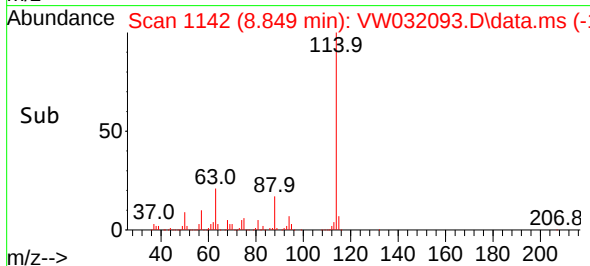
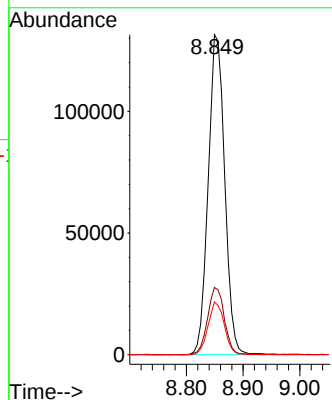
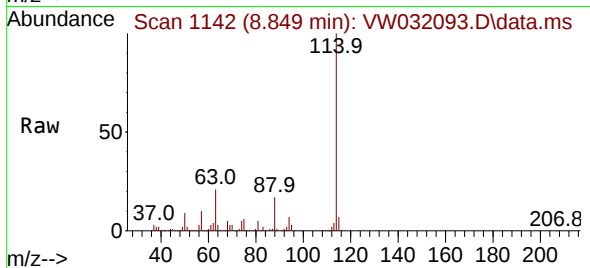
Tgt Ion:114 Resp: 266004

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 56.625 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.006 min

Lab File: VW032093.D

Acq: 14 Aug 2025 15:01

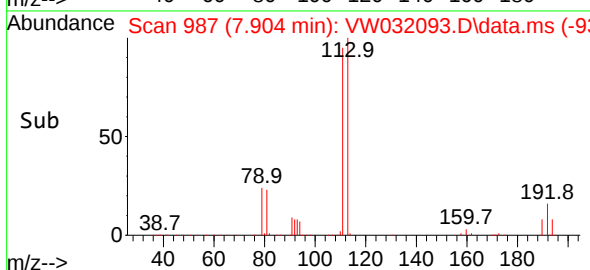
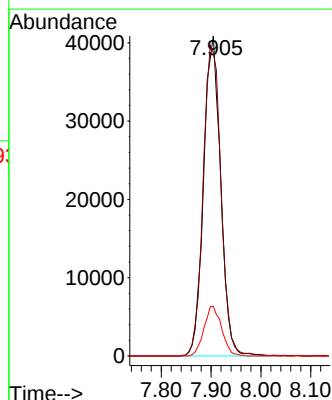
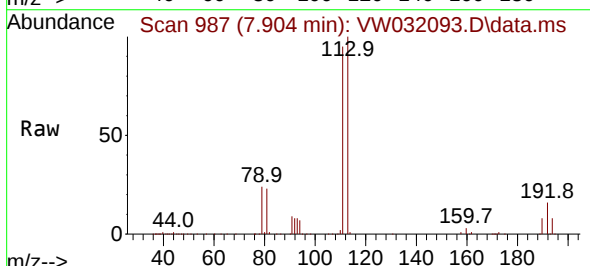
Tgt Ion:113 Resp: 97310

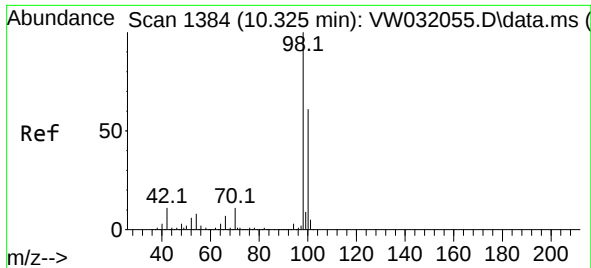
Ion Ratio Lower Upper

113 100

111 101.5 80.1 120.1

192 16.1 13.1 19.7

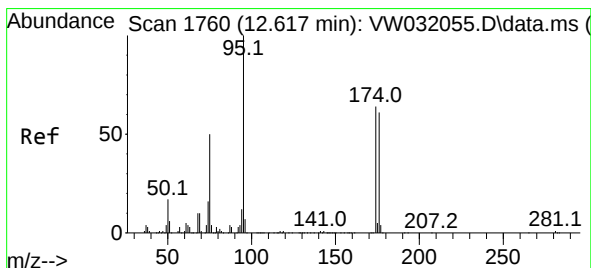
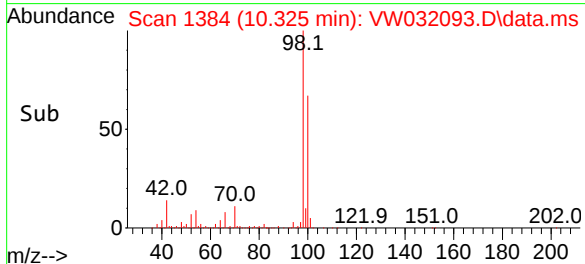
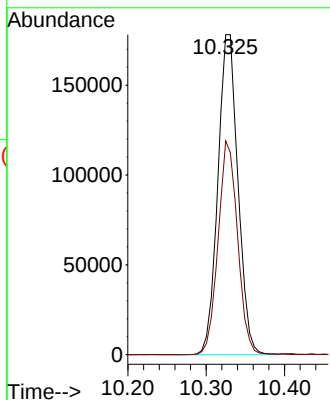
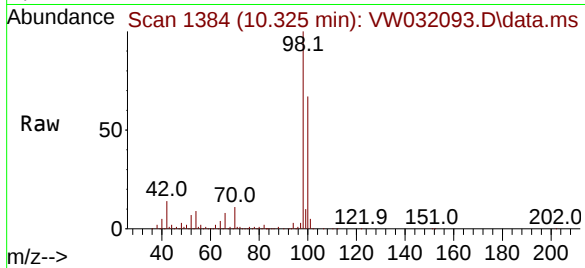




#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

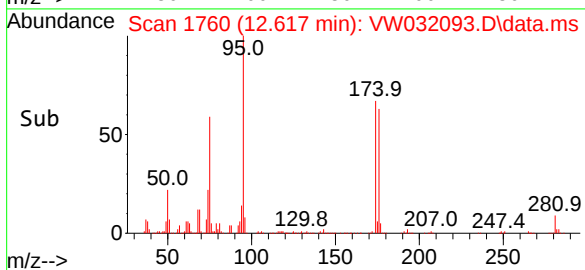
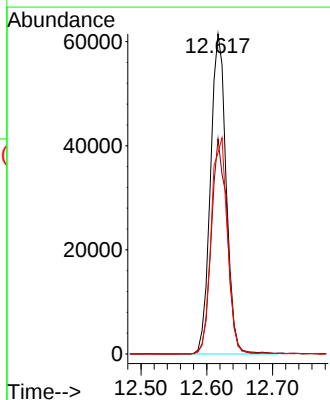
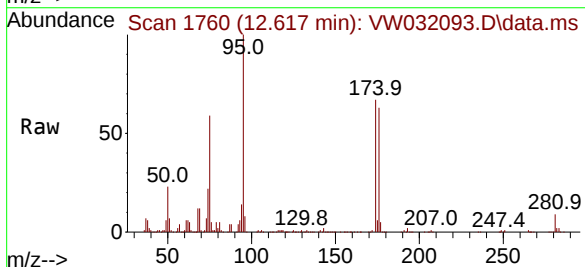
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DUP-2

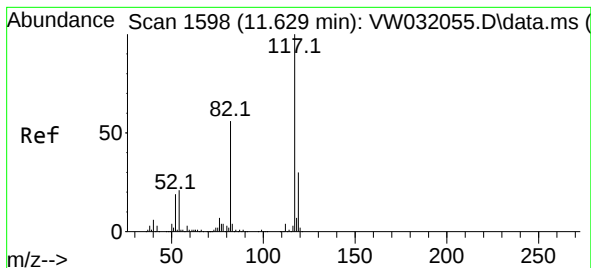
Tgt Ion: 98 Resp: 318544
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.688 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032093.D
Acq: 14 Aug 2025 15:01

Tgt Ion: 95 Resp: 102332
Ion Ratio Lower Upper
95 100
174 67.6 0.0 129.0
176 69.9 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.636 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032093.D

Acq: 14 Aug 2025 15:01

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DUP-2

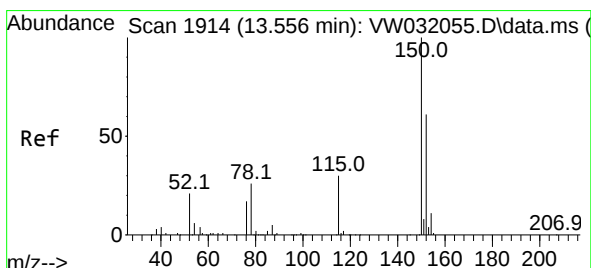
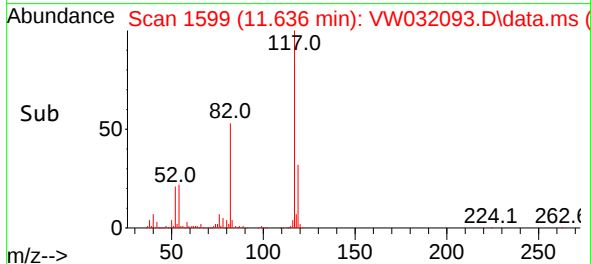
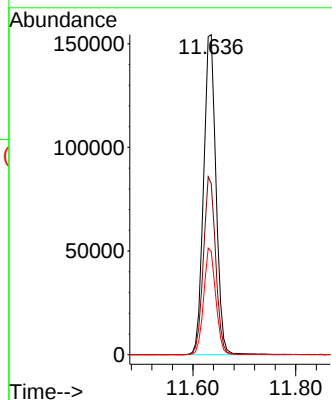
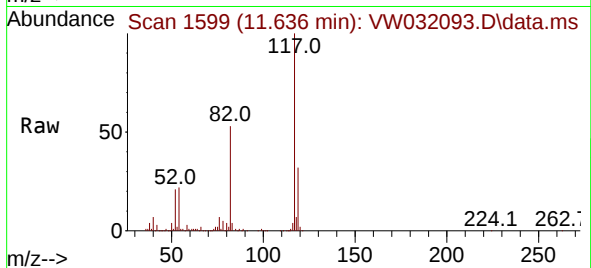
Tgt Ion:117 Resp: 258211

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

119 32.2 24.2 36.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032093.D

Acq: 14 Aug 2025 15:01

Tgt Ion:152 Resp: 103366

Ion Ratio Lower Upper

152 100

115 62.6 32.6 97.8

150 156.3 0.0 359.4

