

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032576.D
 Acq On : 05 Dec 2025 13:45
 Operator : SY/MD
 Sample : Q3748-02
 Misc : 5.19g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-12-1-2025

Quant Time: Dec 05 23:01:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	479289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	893160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	774014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	338844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	345040	48.374	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.740%
35) Dibromofluoromethane	7.898	113	268579	45.695	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.400%
50) Toluene-d8	10.331	98	1025917	46.387	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.617	95	358714	43.900	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	87.800%

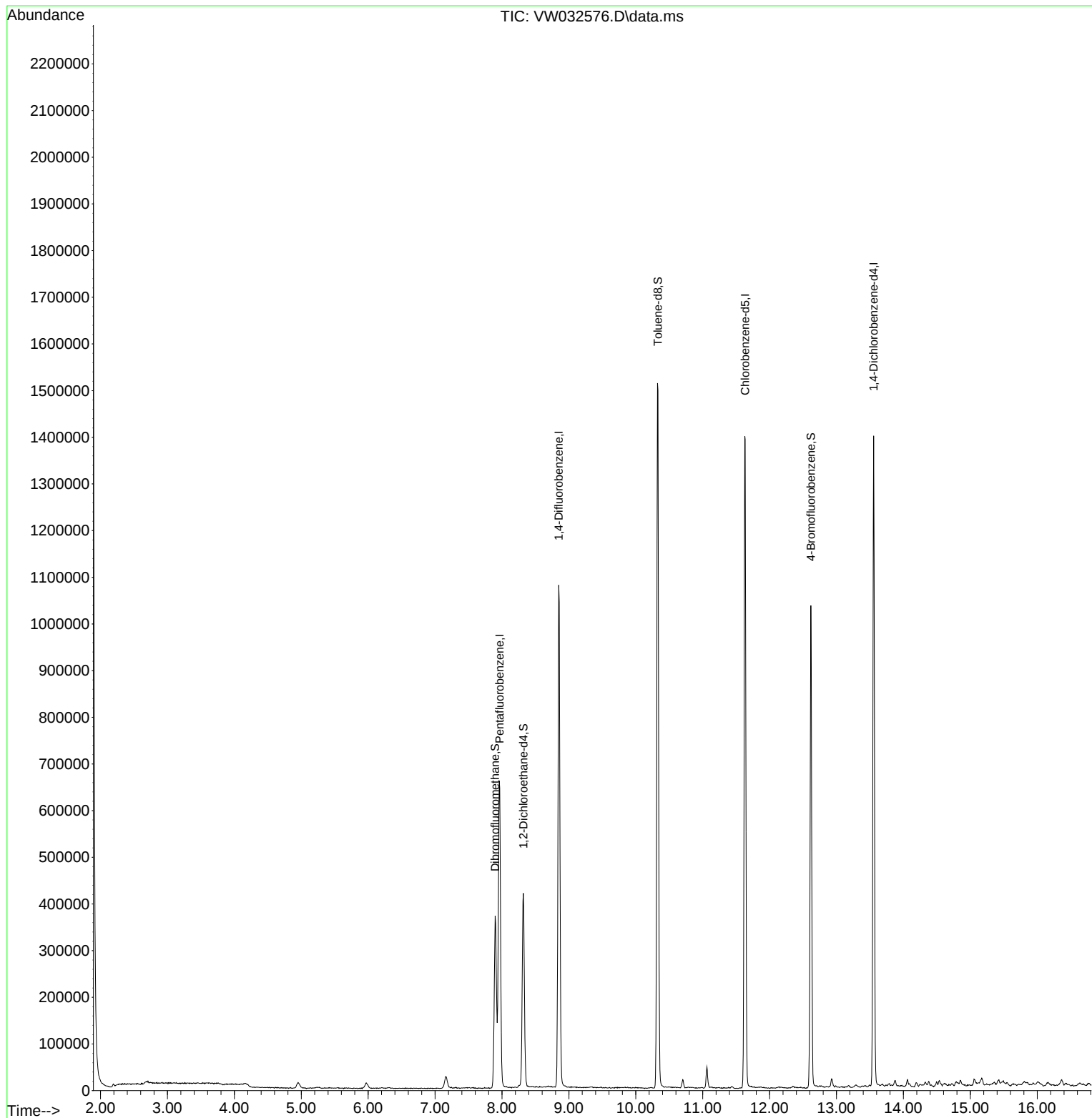
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
Data File : VW032576.D
Acq On : 05 Dec 2025 13:45
Operator : SY/MD
Sample : Q3748-02
Misc : 5.19g/5mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-05-12-1-2025

Quant Time: Dec 05 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

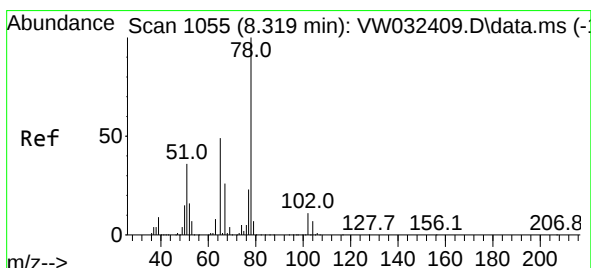
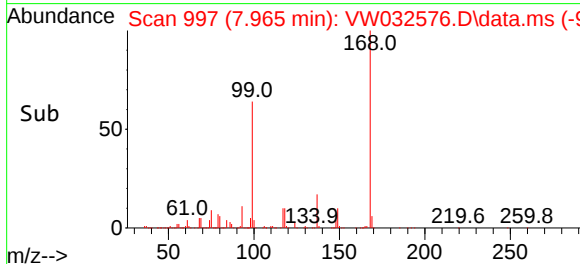
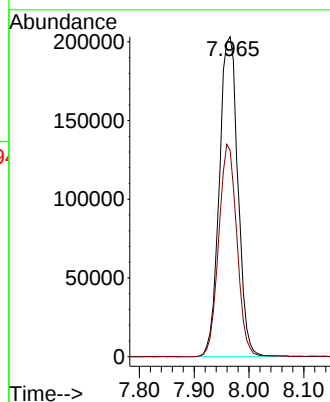
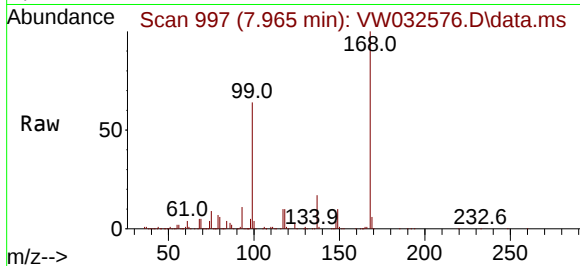




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

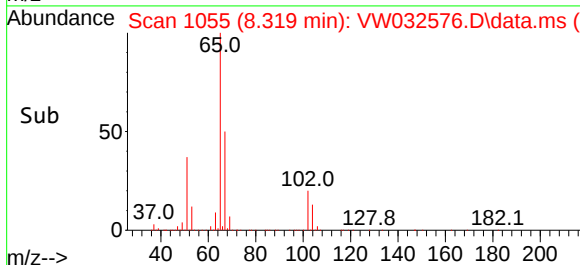
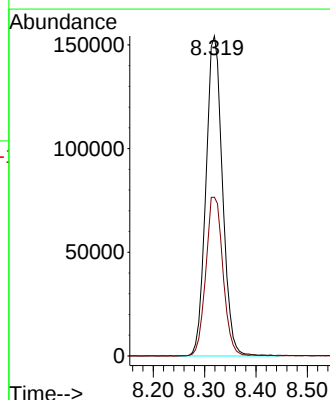
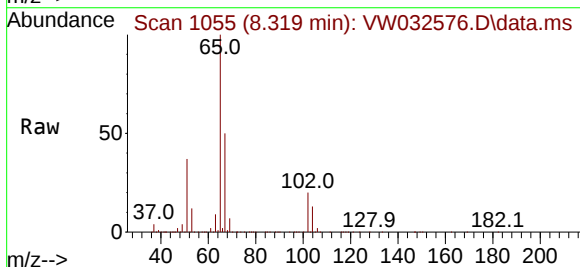
Instrument :
MSVOA_W
ClientSampleId :
AU-05-12-1-2025

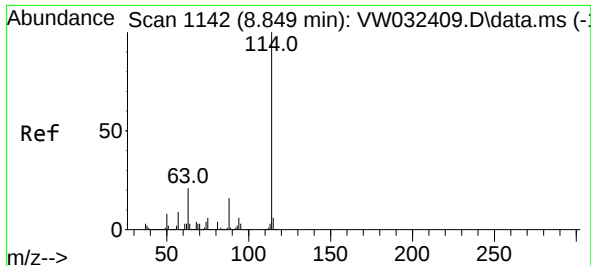
Tgt Ion:168 Resp: 479289
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 48.374 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

Tgt Ion: 65 Resp: 345040
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032576.D

Acq: 05 Dec 2025 13:45

Instrument :

MSVOA_W

ClientSampleId :

AU-05-12-1-2025

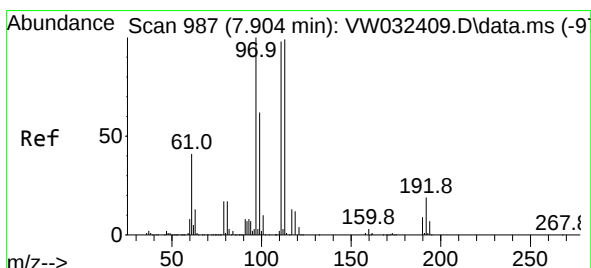
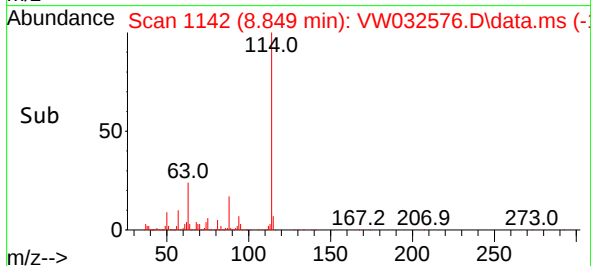
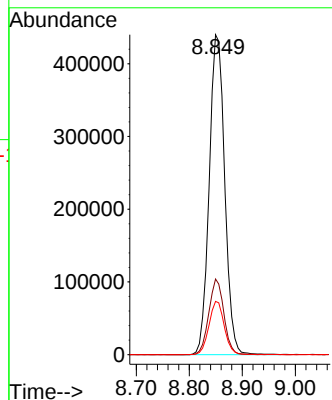
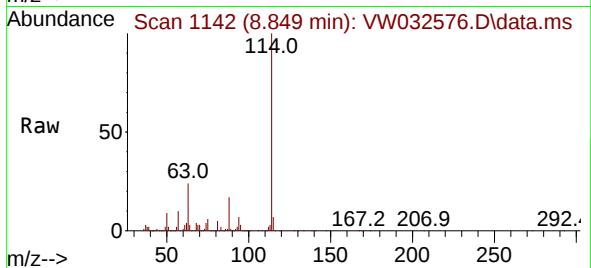
Tgt Ion:114 Resp: 893160

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.6

88 16.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 45.695 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032576.D

Acq: 05 Dec 2025 13:45

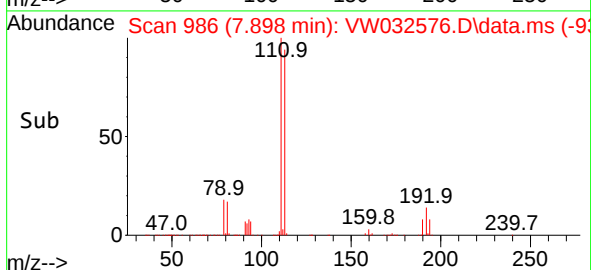
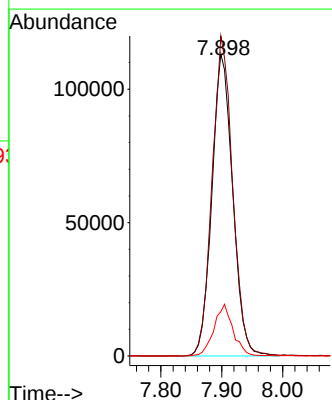
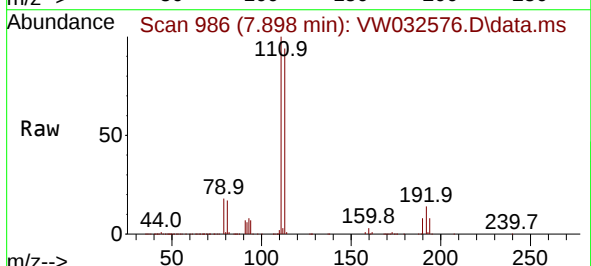
Tgt Ion:113 Resp: 268579

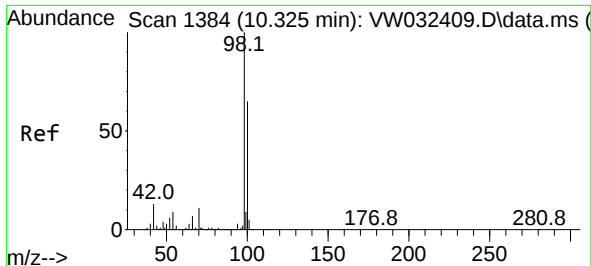
Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.0

192 15.8 13.4 20.2

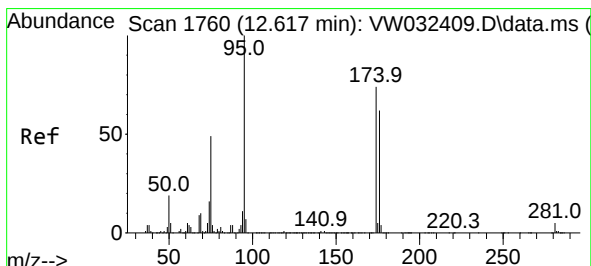
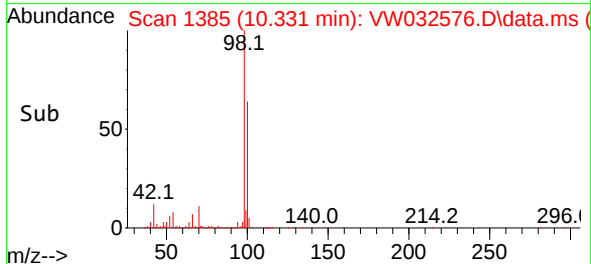
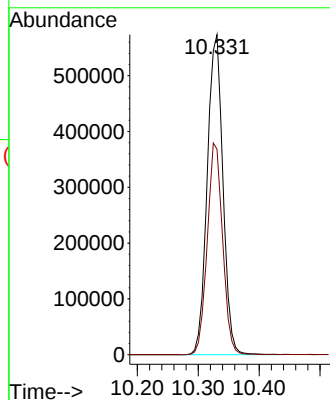
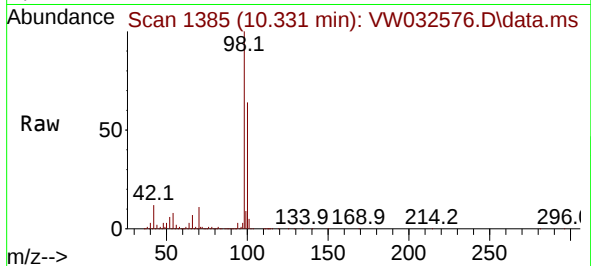




#50
Toluene-d8
Concen: 46.387 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

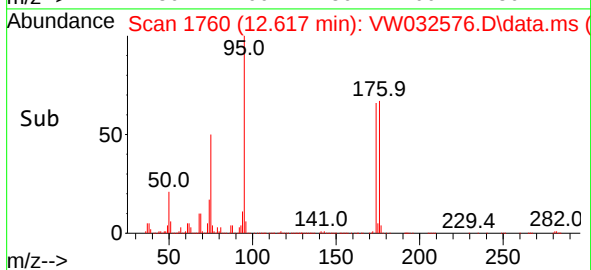
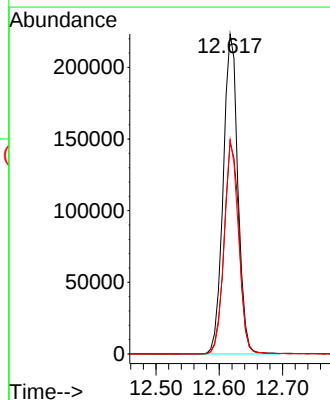
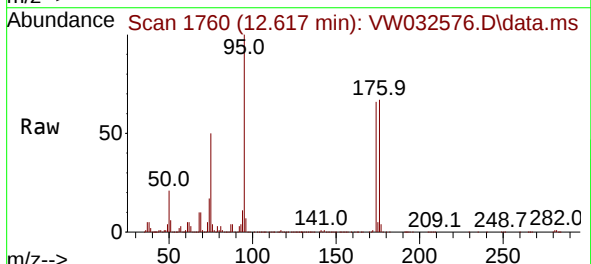
Instrument :
MSVOA_W
ClientSampleId :
AU-05-12-1-2025

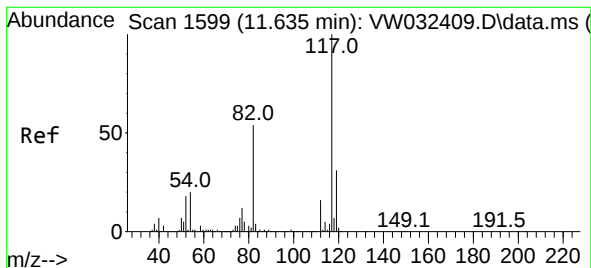
Tgt Ion: 98 Resp: 1025917
Ion Ratio Lower Upper
98 100
100 64.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 43.900 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

Tgt Ion: 95 Resp: 358714
Ion Ratio Lower Upper
95 100
174 66.9 0.0 141.2
176 65.5 0.0 130.8

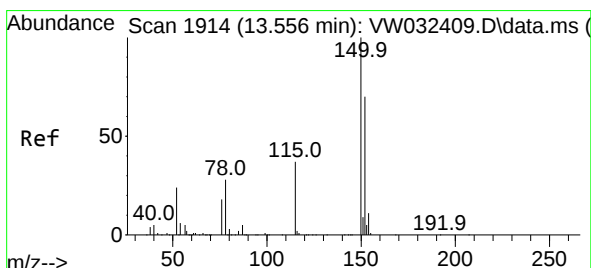
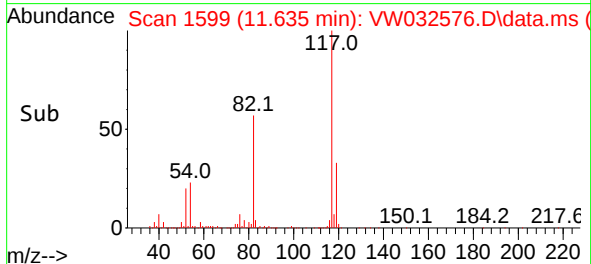
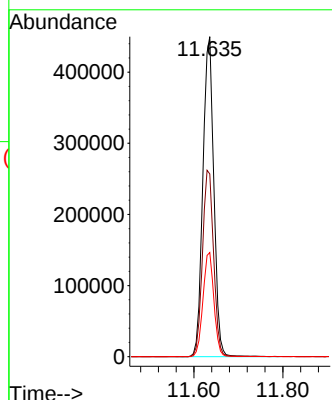
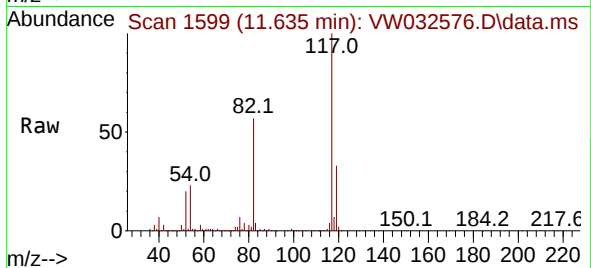




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

Instrument :
MSVOA_W
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:117 Resp: 774014
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032576.D
Acq: 05 Dec 2025 13:45

Tgt Ion:152 Resp: 338844
Ion Ratio Lower Upper
152 100
115 64.5 31.1 93.3
150 160.2 0.0 351.2

