

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032550.D
 Acq On : 26 Nov 2025 17:33
 Operator : SY/MD
 Sample : Q3719-11
 Misc : 4.66g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-16A

Quant Time: Nov 27 00:30:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	179732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	445052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	515760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	254063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	165498	71.422	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	142.840%
35) Dibromofluoromethane	7.898	113	147838	55.482	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.960%
50) Toluene-d8	10.330	98	480029	46.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.617	95	215196	55.727	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	111.460%

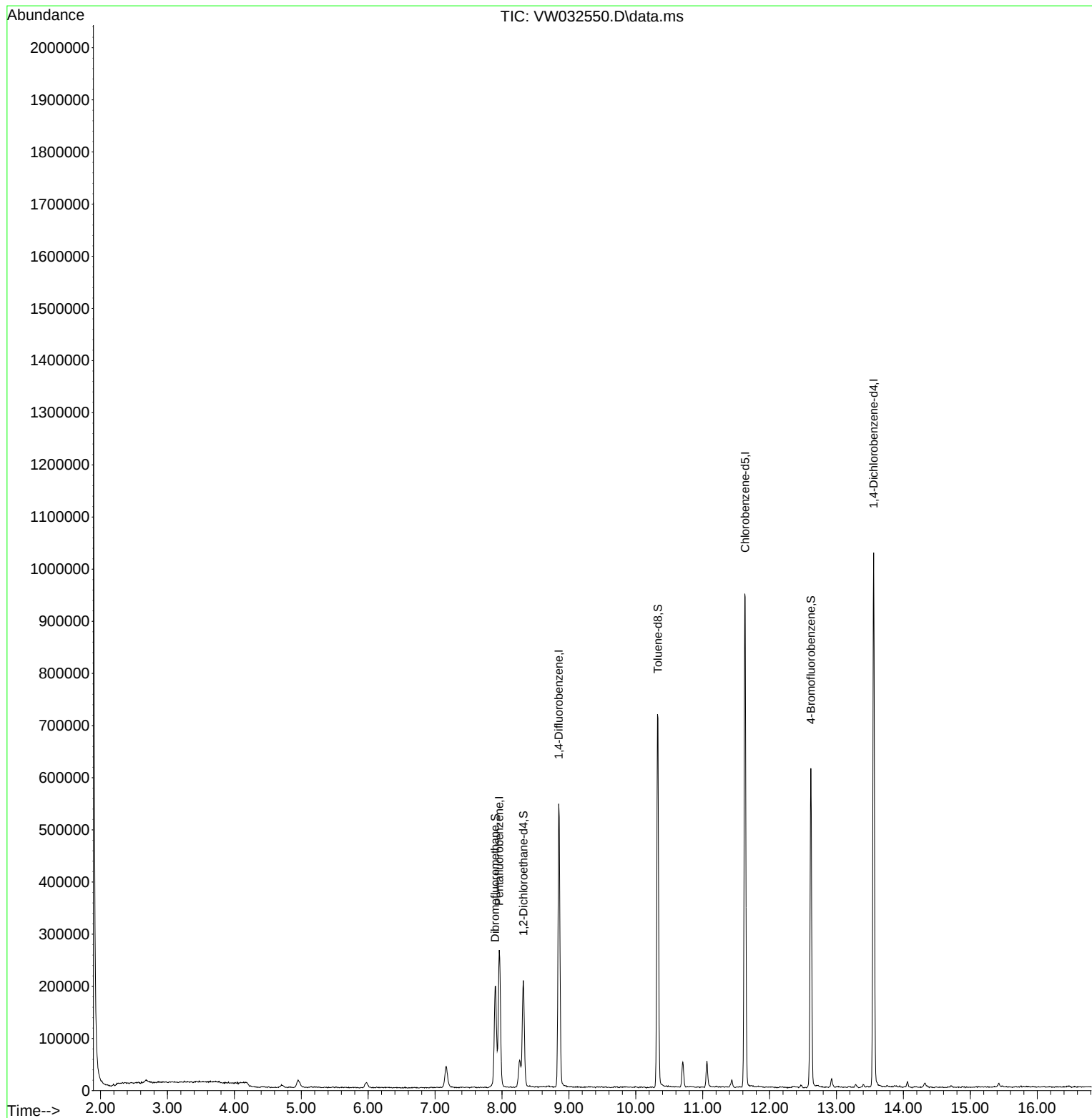
Target Compounds	Qvalue

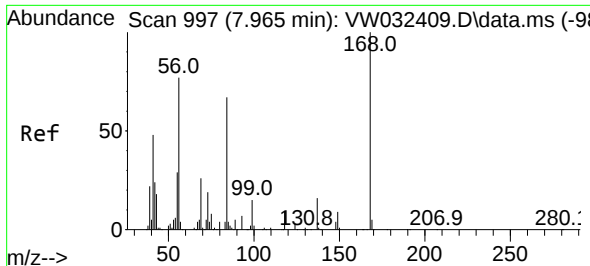
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032550.D
Acq On : 26 Nov 2025 17:33
Operator : SY/MD
Sample : Q3719-11
Misc : 4.66g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

Quant Time: Nov 27 00:30:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

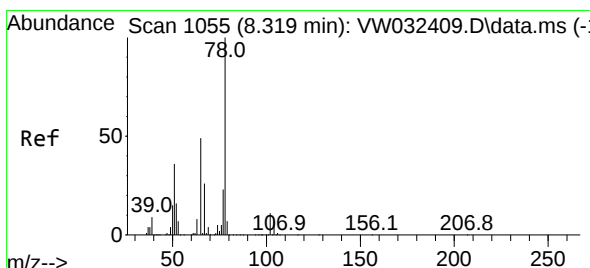
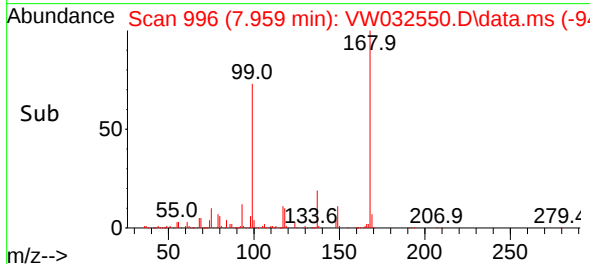
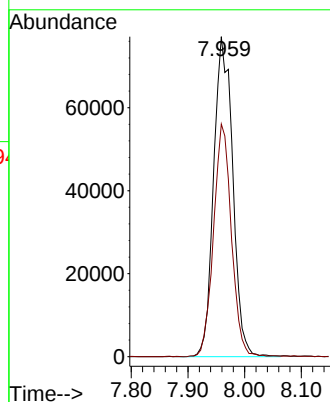
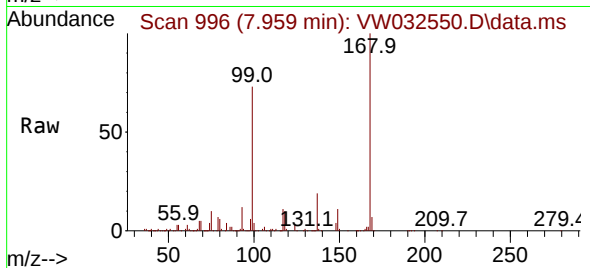




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

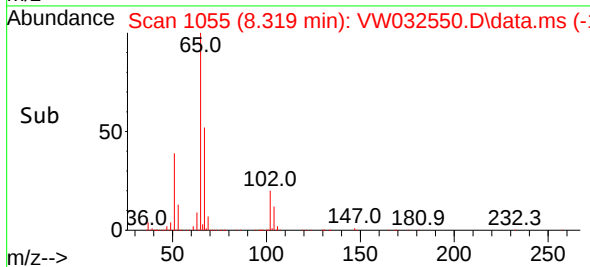
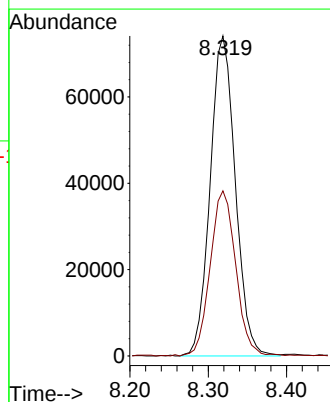
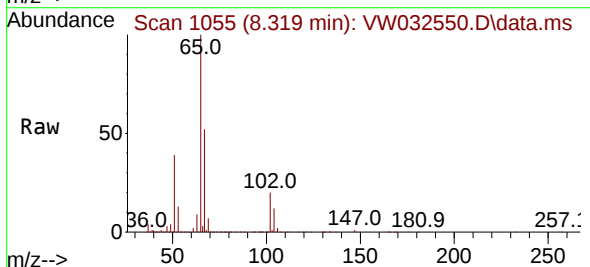
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

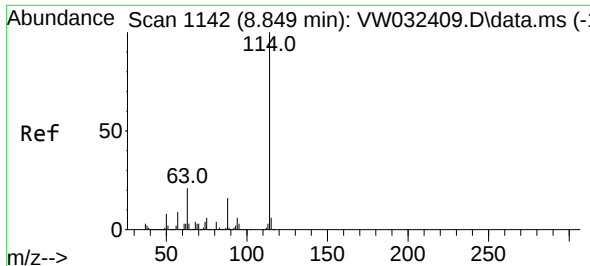
Tgt Ion:168 Resp: 179732
Ion Ratio Lower Upper
168 100
99 72.6 45.4 68.2#



#33
1,2-Dichloroethane-d4
Concen: 71.422 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion: 65 Resp: 165498
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

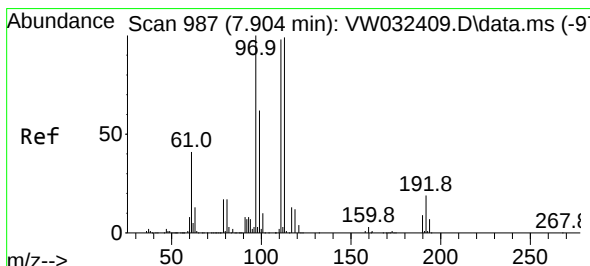
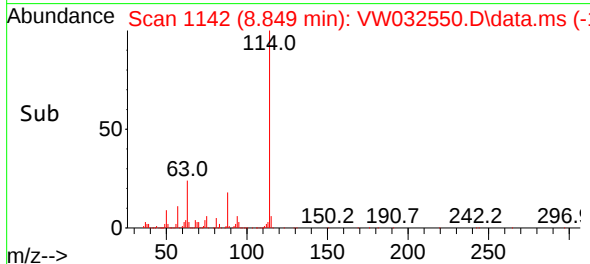
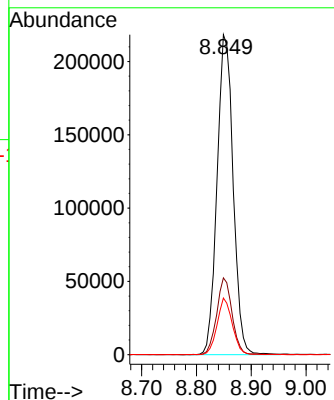
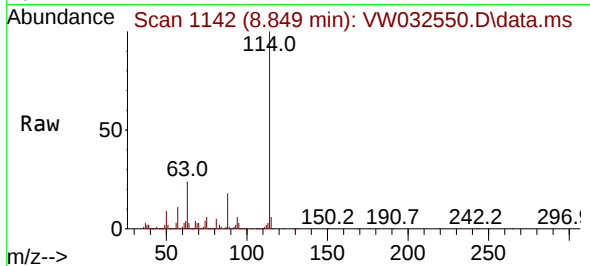




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

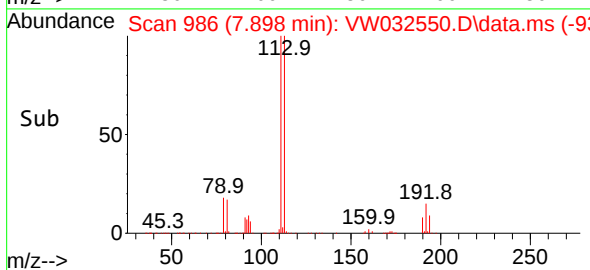
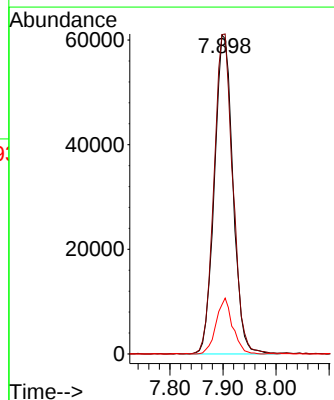
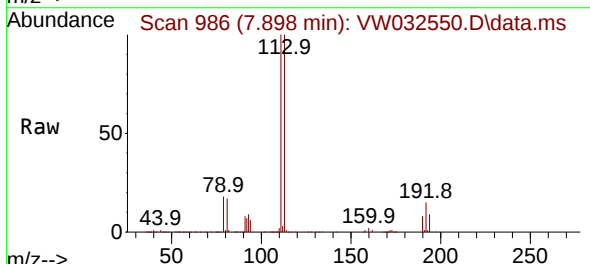
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

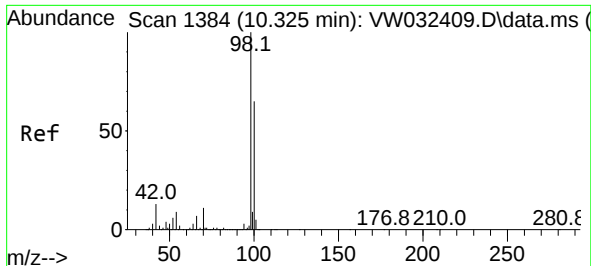
Tgt Ion:114 Resp: 445052
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 17.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 55.482 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion:113 Resp: 147838
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 15.7 13.4 20.2

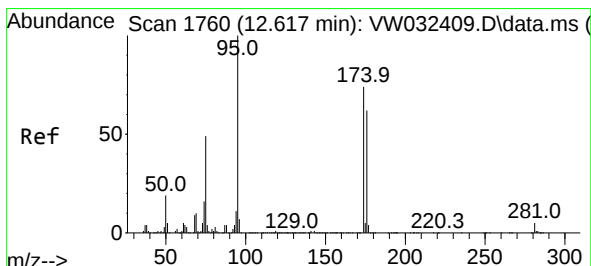
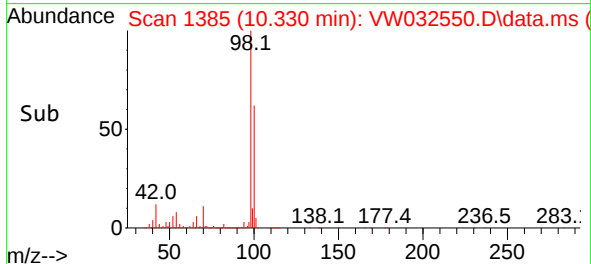
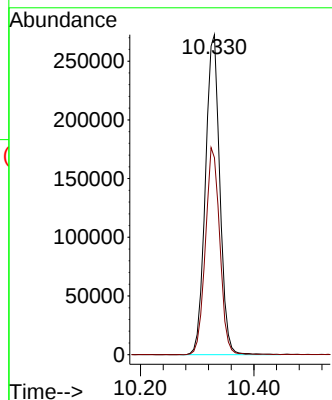
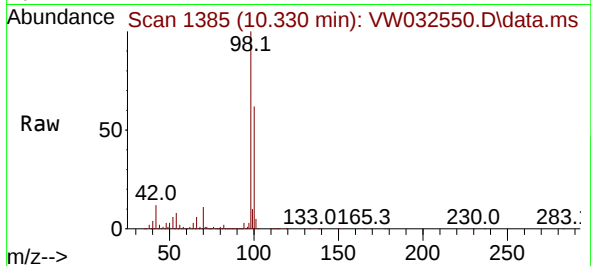




#50
Toluene-d8
Concen: 46.958 ug/l
RT: 10.330 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

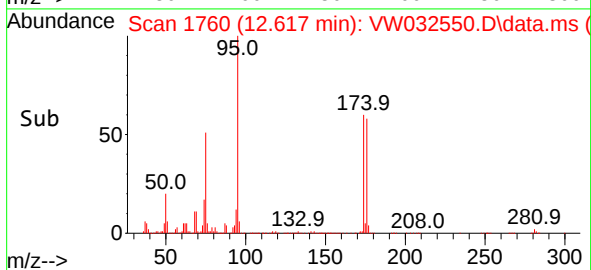
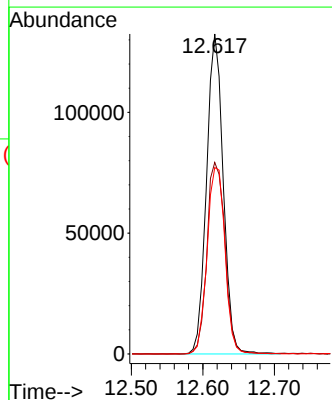
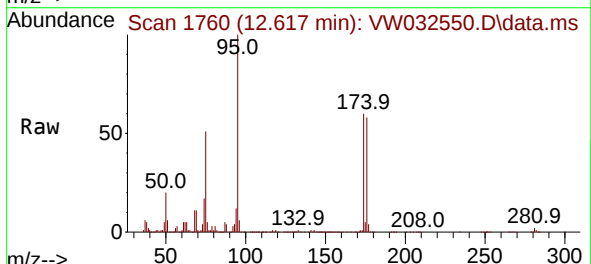
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-16A

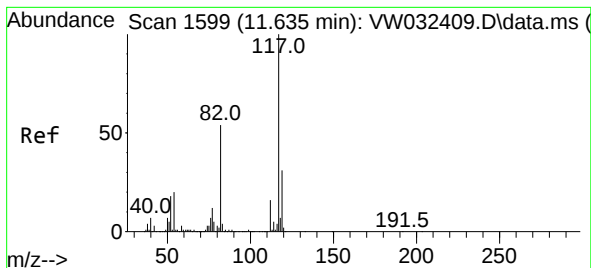
Tgt Ion: 98 Resp: 480029
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.727 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032550.D
Acq: 26 Nov 2025 17:33

Tgt Ion: 95 Resp: 215196
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 62.5 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032550.D

Acq: 26 Nov 2025 17:33

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-16A

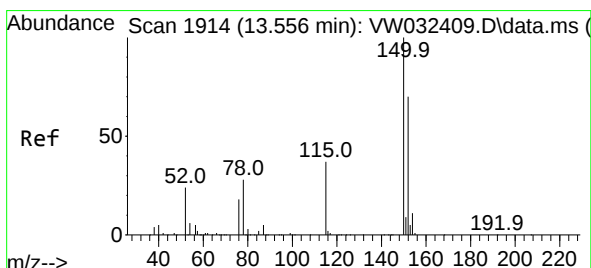
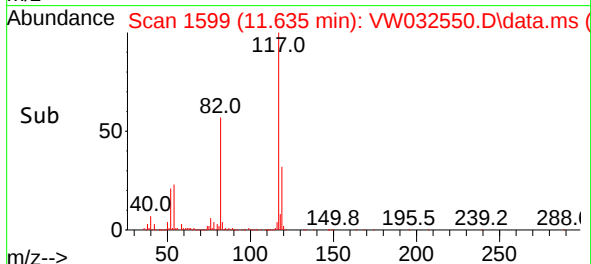
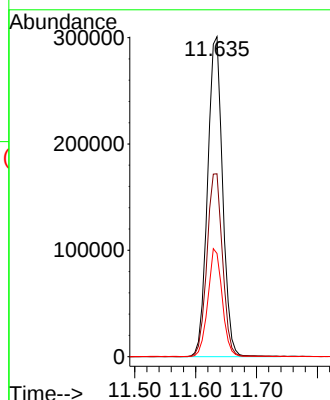
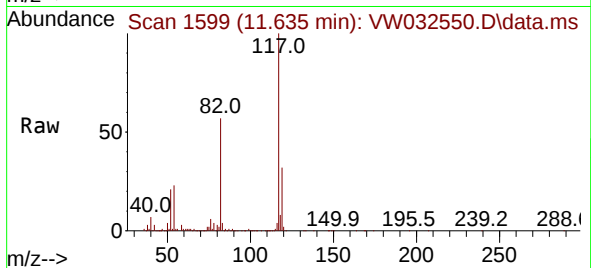
Tgt Ion:117 Resp: 515760

Ion Ratio Lower Upper

117 100

82 57.1 43.0 64.4

119 32.2 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032550.D

Acq: 26 Nov 2025 17:33

Tgt Ion:152 Resp: 254063

Ion Ratio Lower Upper

152 100

115 66.0 32.8 98.3

150 157.2 0.0 356.6

