

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032416.D
 Acq On : 11 Nov 2025 09:34
 Operator : SY/MD
 Sample : VW1111SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1111SBL01

Quant Time: Nov 12 03:42:58 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	277247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	601287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	633123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	297226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	215257	60.222	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	120.440%
35) Dibromofluoromethane	7.898	113	198257	55.071	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.140%
50) Toluene-d8	10.325	98	733818	53.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.617	95	298731	57.258	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	114.520%

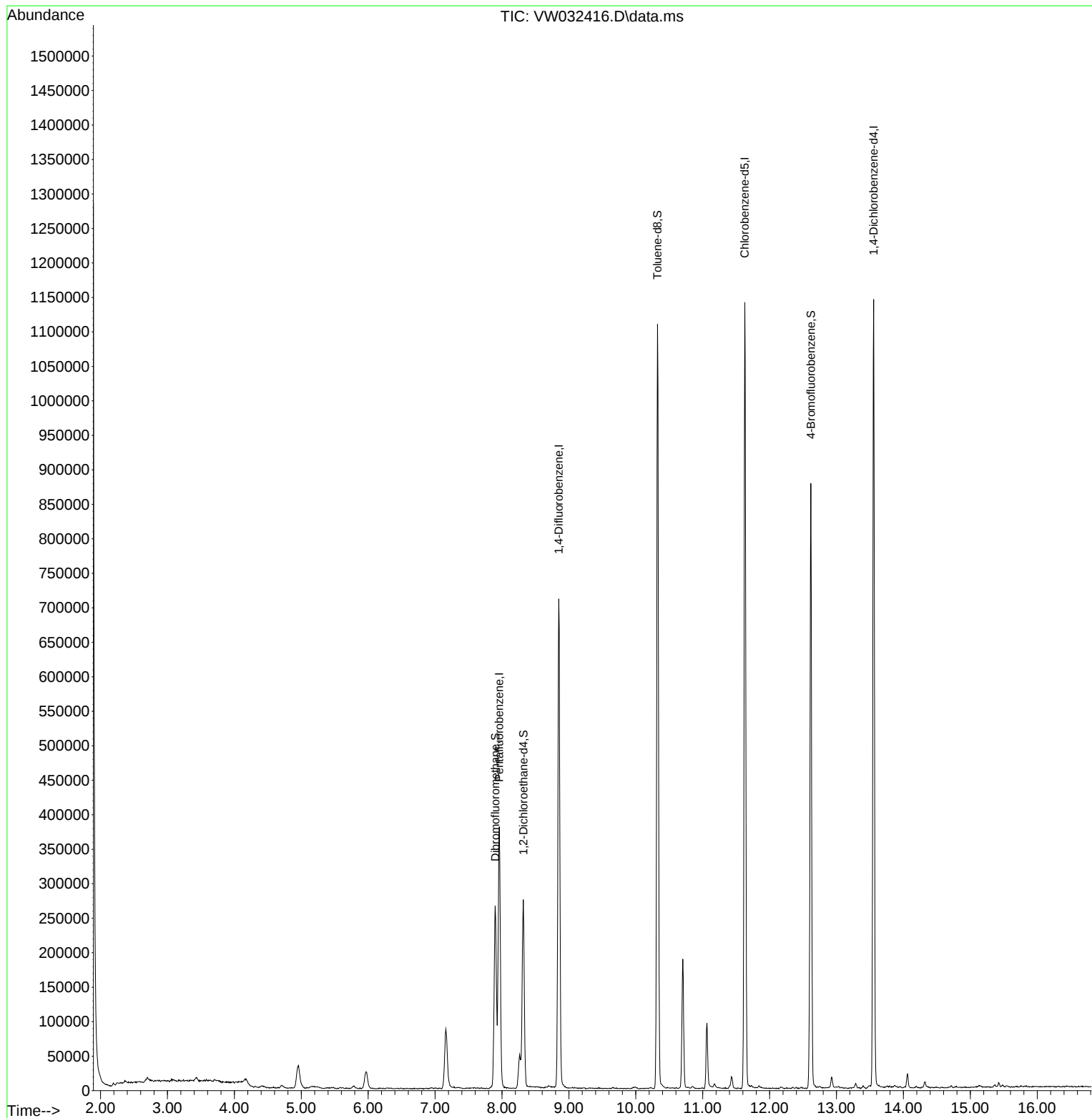
Target Compounds	Qvalue

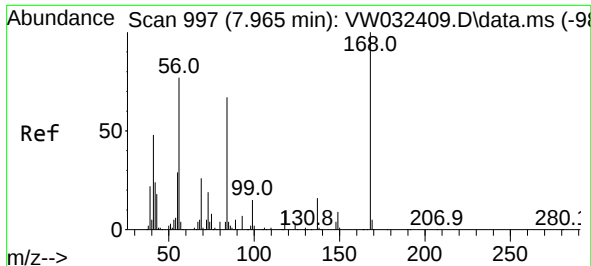
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032416.D
Acq On : 11 Nov 2025 09:34
Operator : SY/MD
Sample : VW1111SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

Quant Time: Nov 12 03:42:58 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

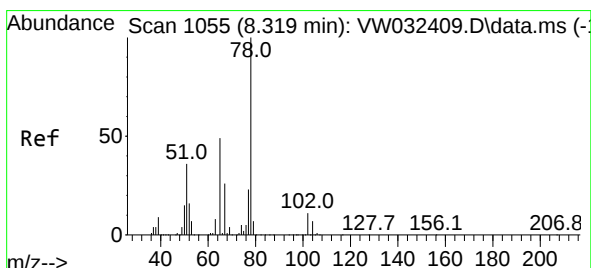
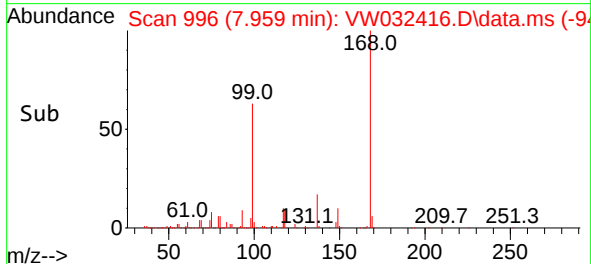
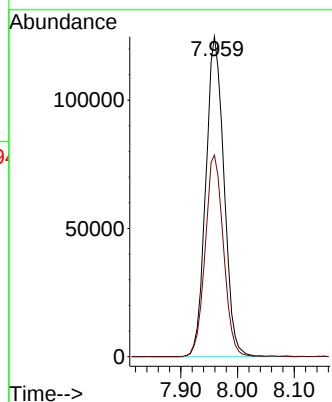
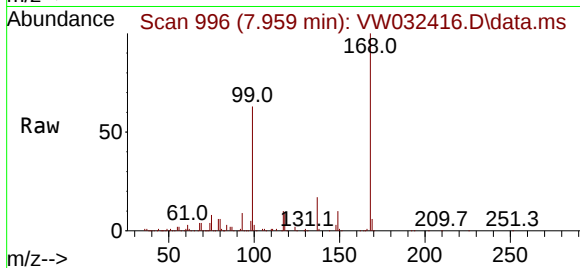




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

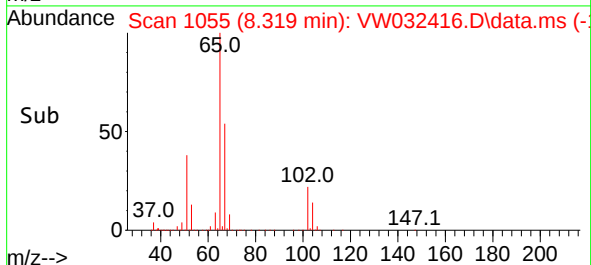
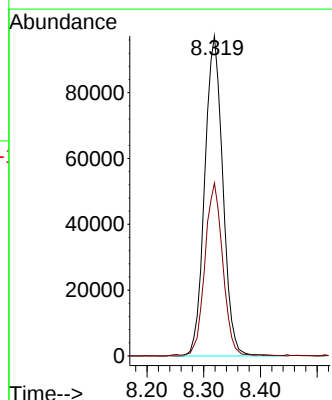
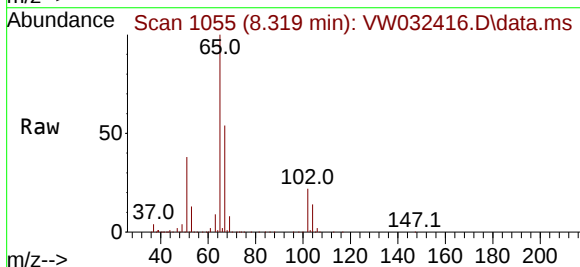
Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

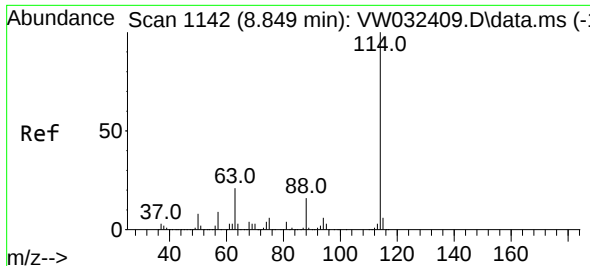
Tgt Ion:168 Resp: 277247
Ion Ratio Lower Upper
168 100
99 63.0 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 60.222 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion: 65 Resp: 215257
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8

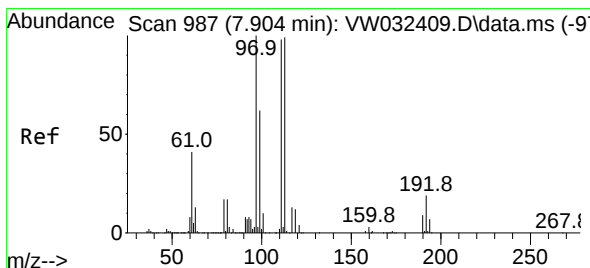
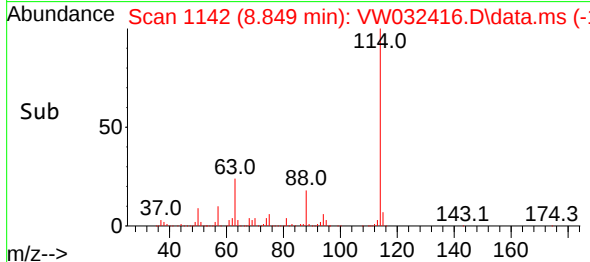
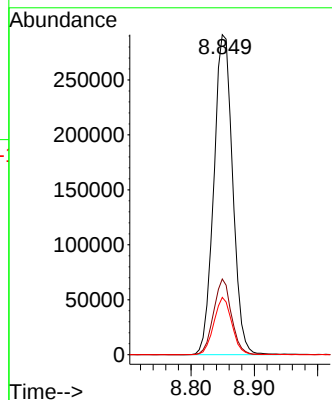
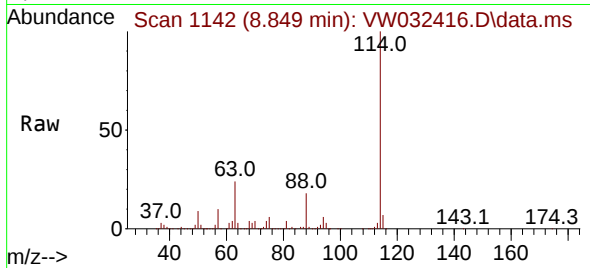




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

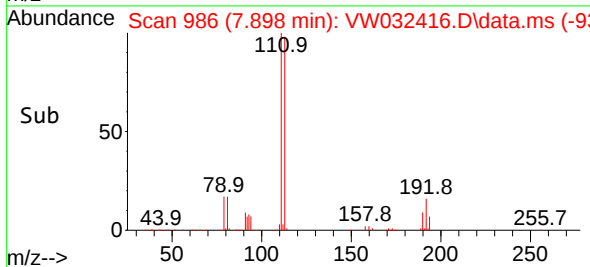
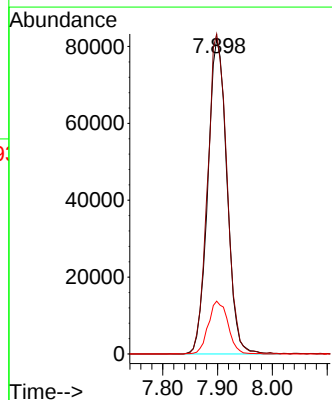
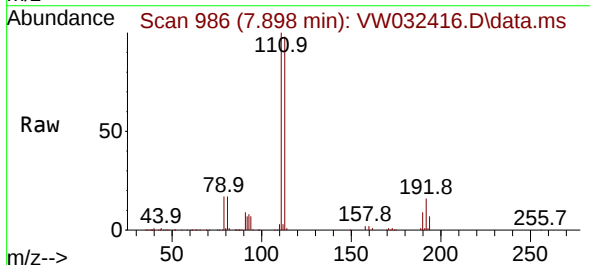
Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

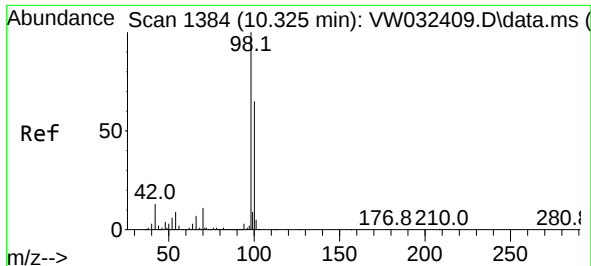
Tgt Ion:114 Resp: 601287
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.8
88 17.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 55.071 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion:113 Resp: 198257
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 17.1 13.4 20.2

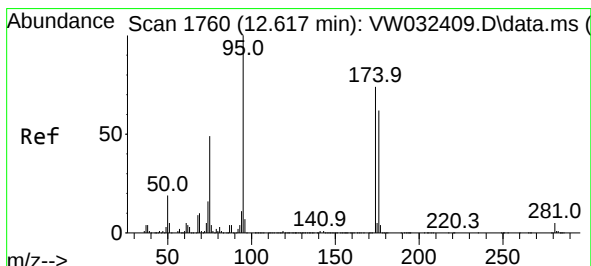
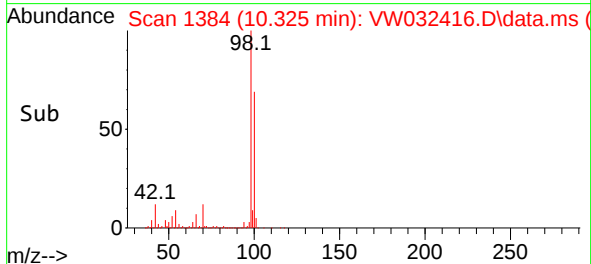
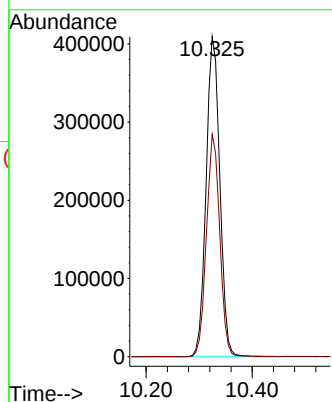
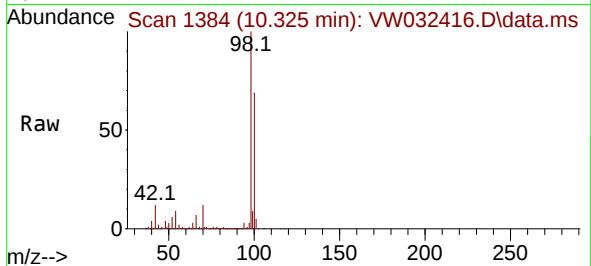




#50
Toluene-d8
Concen: 53.133 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

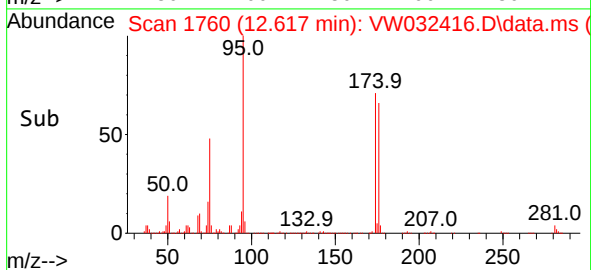
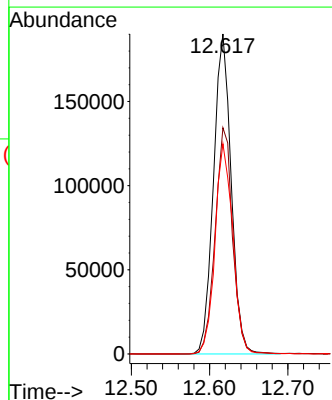
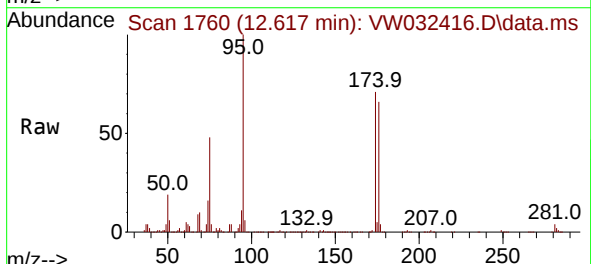
Instrument :
MSVOA_W
ClientSampleId :
VW1111SBL01

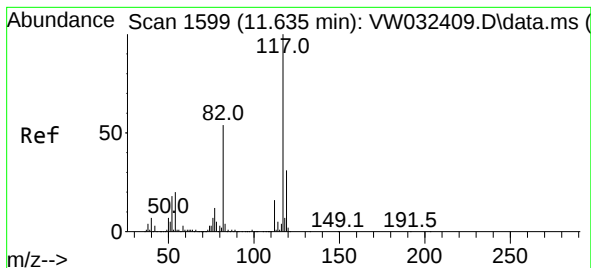
Tgt Ion: 98 Resp: 733818
Ion Ratio Lower Upper
98 100
100 67.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 57.258 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032416.D
Acq: 11 Nov 2025 09:34

Tgt Ion: 95 Resp: 298731
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.4
176 66.1 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032416.D

Acq: 11 Nov 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1111SBL01

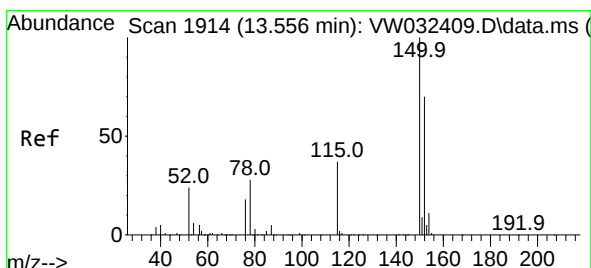
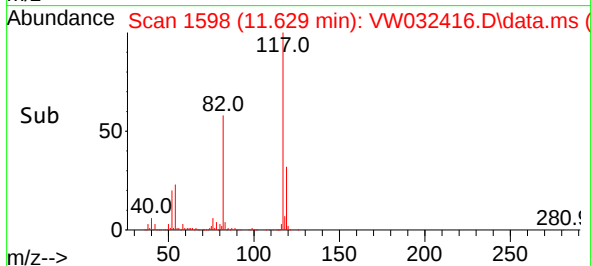
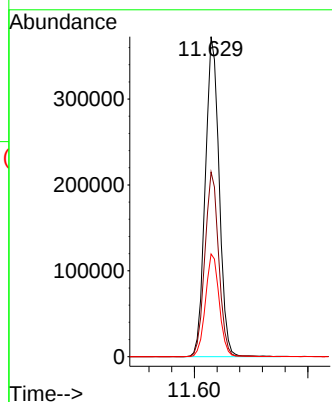
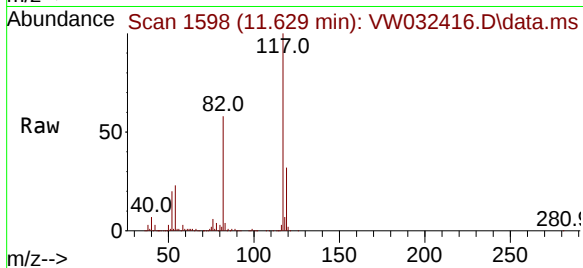
Tgt Ion:117 Resp: 633123

Ion Ratio Lower Upper

117 100

82 57.7 43.0 64.4

119 32.1 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: VW032416.D

Acq: 11 Nov 2025 09:34

Tgt Ion:152 Resp: 297226

Ion Ratio Lower Upper

152 100

115 65.4 32.8 98.3

150 157.0 0.0 356.6

