

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032487.D
 Acq On : 18 Nov 2025 17:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Nov 19 00:30:31 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	219013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	542042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	275478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160022	56.673	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	113.340%
35) Dibromofluoromethane	7.898	113	154932	47.740	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.480%
50) Toluene-d8	10.325	98	523772	42.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.617	95	245976	52.300	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.600%

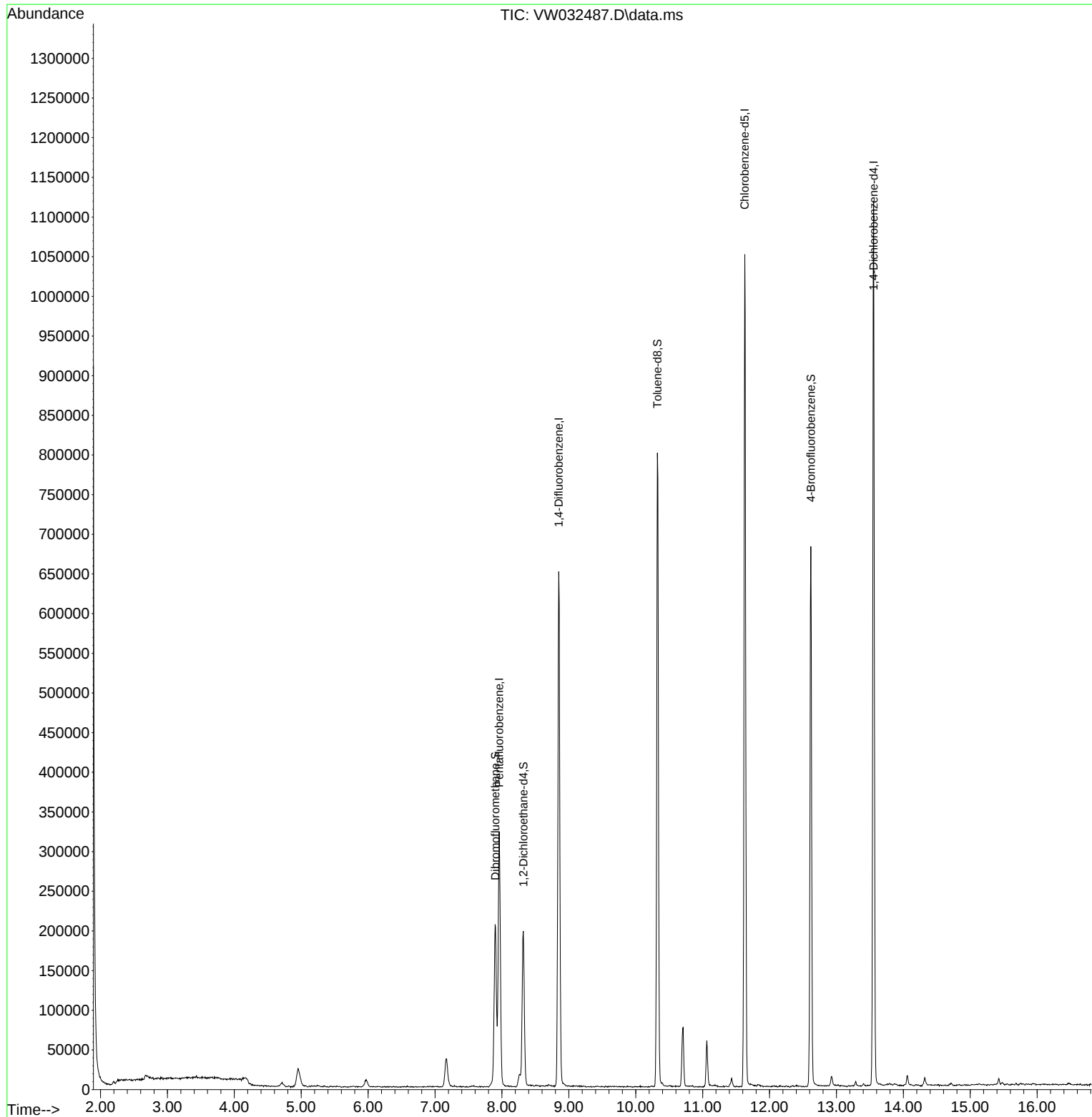
Target Compounds	Qvalue

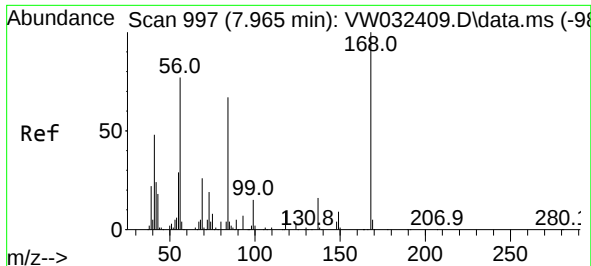
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
Data File : VW032487.D
Acq On : 18 Nov 2025 17:20
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Nov 19 00:30:31 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

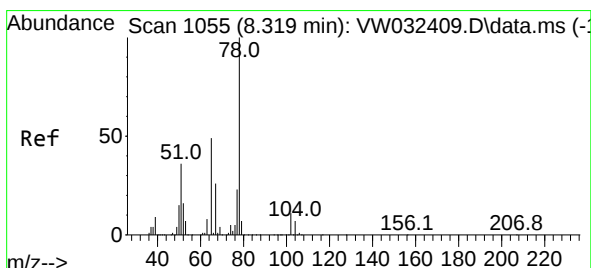
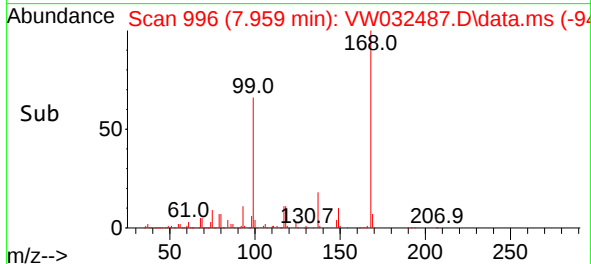
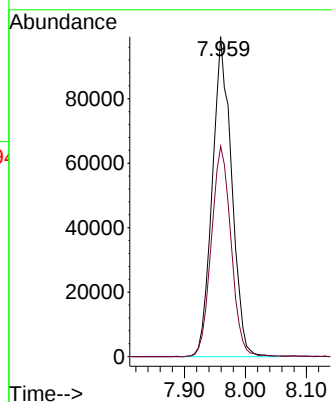
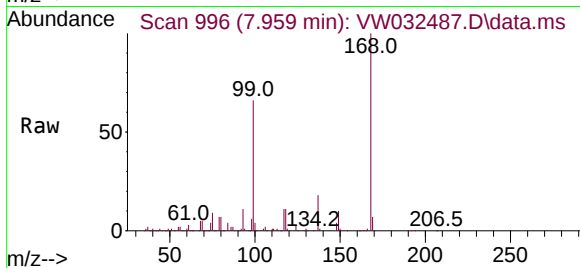




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

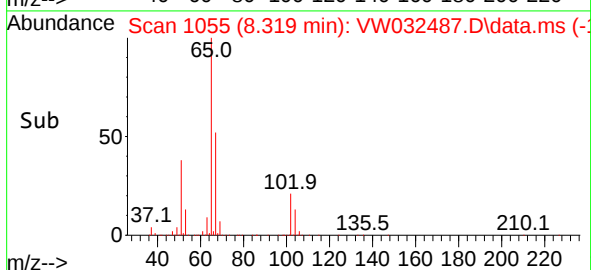
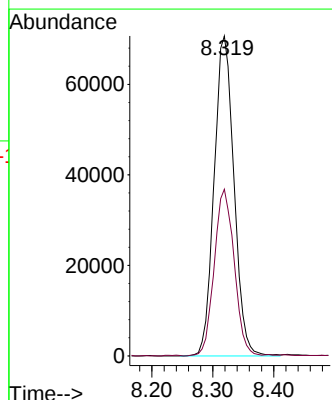
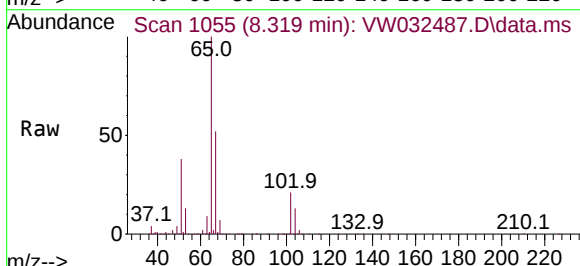
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

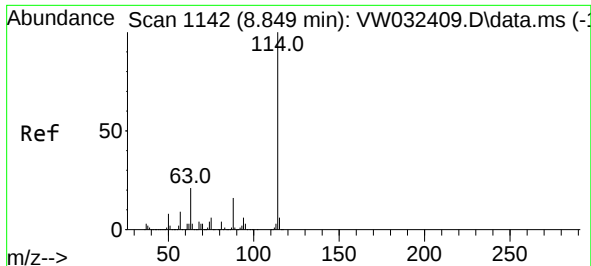
Tgt Ion:168 Resp: 219013
Ion Ratio Lower Upper
168 100
99 65.7 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 56.673 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

Tgt Ion: 65 Resp: 160022
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8

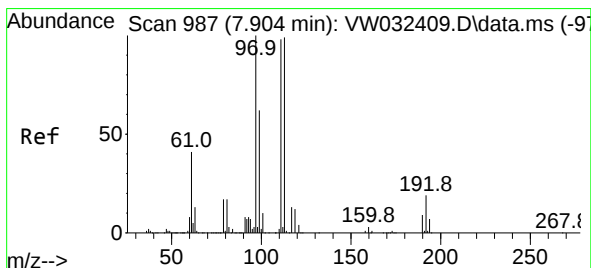
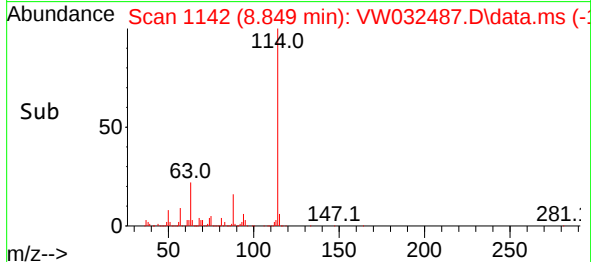
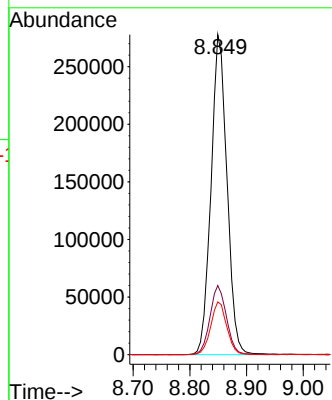
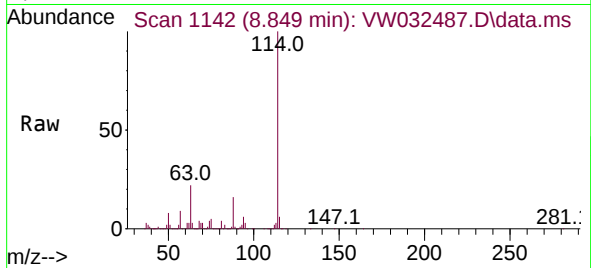




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

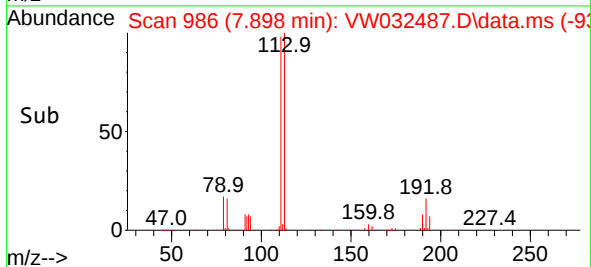
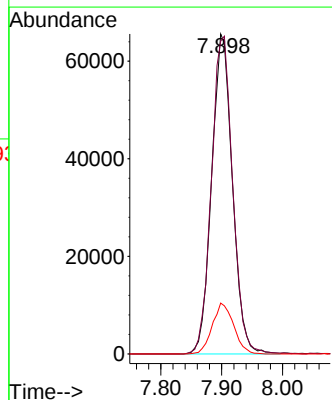
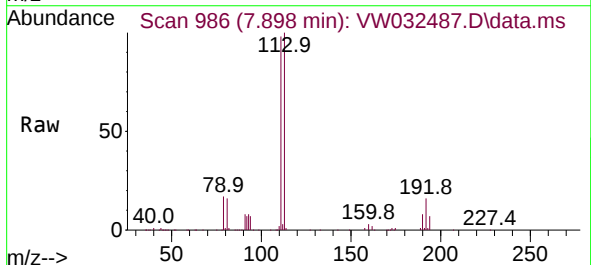
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

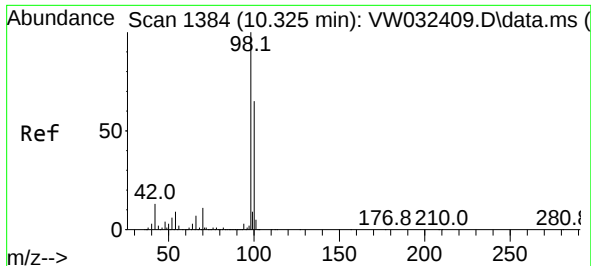
Tgt Ion:114 Resp: 542042
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

Tgt Ion:113 Resp: 154932
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.3 13.4 20.2

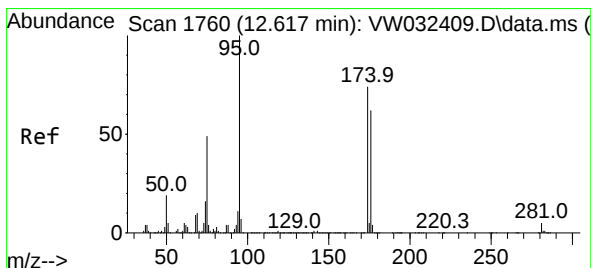
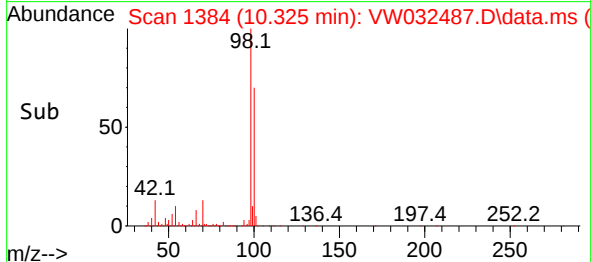
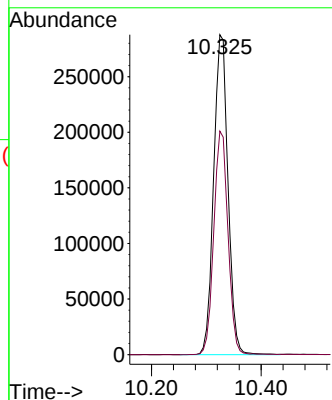
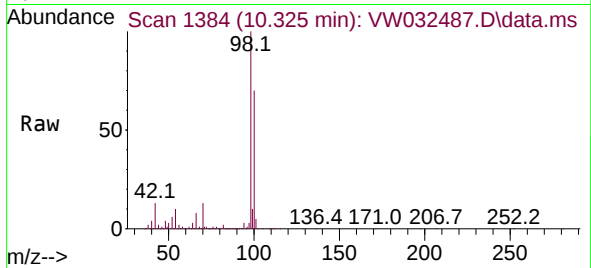




#50
Toluene-d8
Concen: 42.069 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

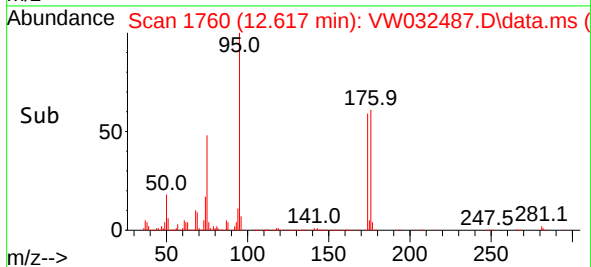
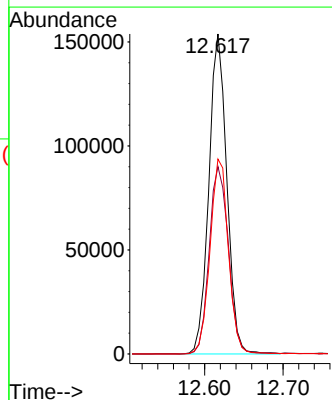
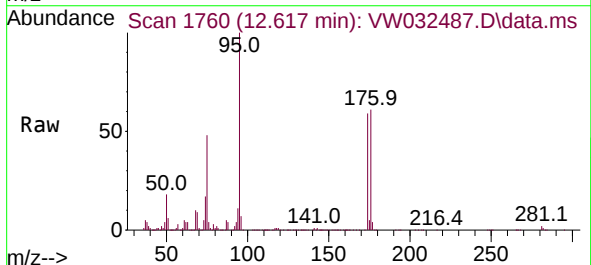
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

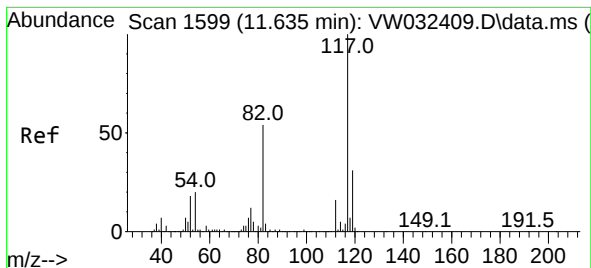
Tgt Ion: 98 Resp: 523772
Ion Ratio Lower Upper
98 100
100 69.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.300 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032487.D
Acq: 18 Nov 2025 17:20

Tgt Ion: 95 Resp: 245976
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.4
176 62.1 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: VW032487.D

Acq: 18 Nov 2025 17:20

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

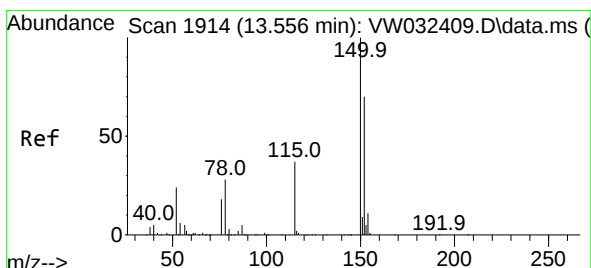
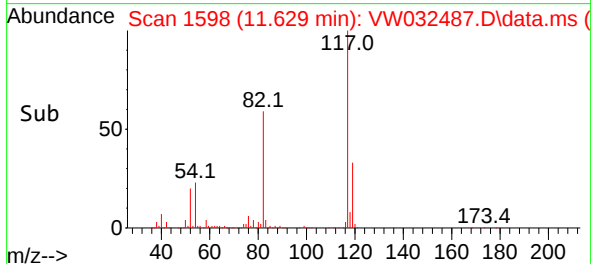
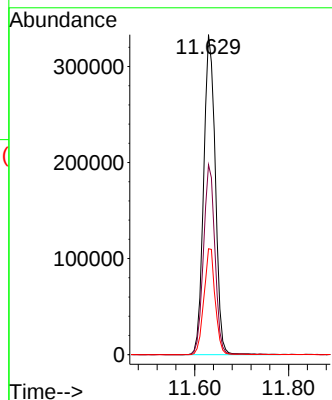
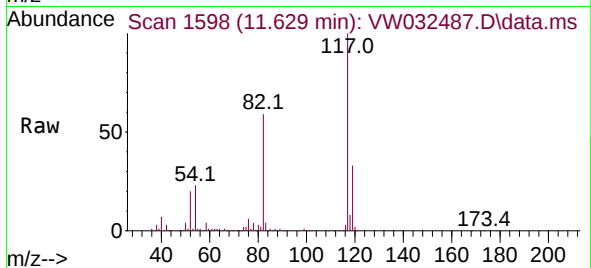
Tgt Ion:117 Resp: 569874

Ion Ratio Lower Upper

117 100

82 59.3 43.0 64.4

119 33.1 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: VW032487.D

Acq: 18 Nov 2025 17:20

Tgt Ion:152 Resp: 275478

Ion Ratio Lower Upper

152 100

115 65.7 32.8 98.3

150 161.9 0.0 356.6

