

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032537.D
 Acq On : 26 Nov 2025 12:37
 Operator : SY/MD
 Sample : VW1126SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBL01

Quant Time: Nov 27 00:25:49 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	322545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	253776	61.028	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	122.060%
35) Dibromofluoromethane	7.898	113	200211	54.328	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	108.660%
50) Toluene-d8	10.325	98	700835	49.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.617	95	251867	47.160	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.320%

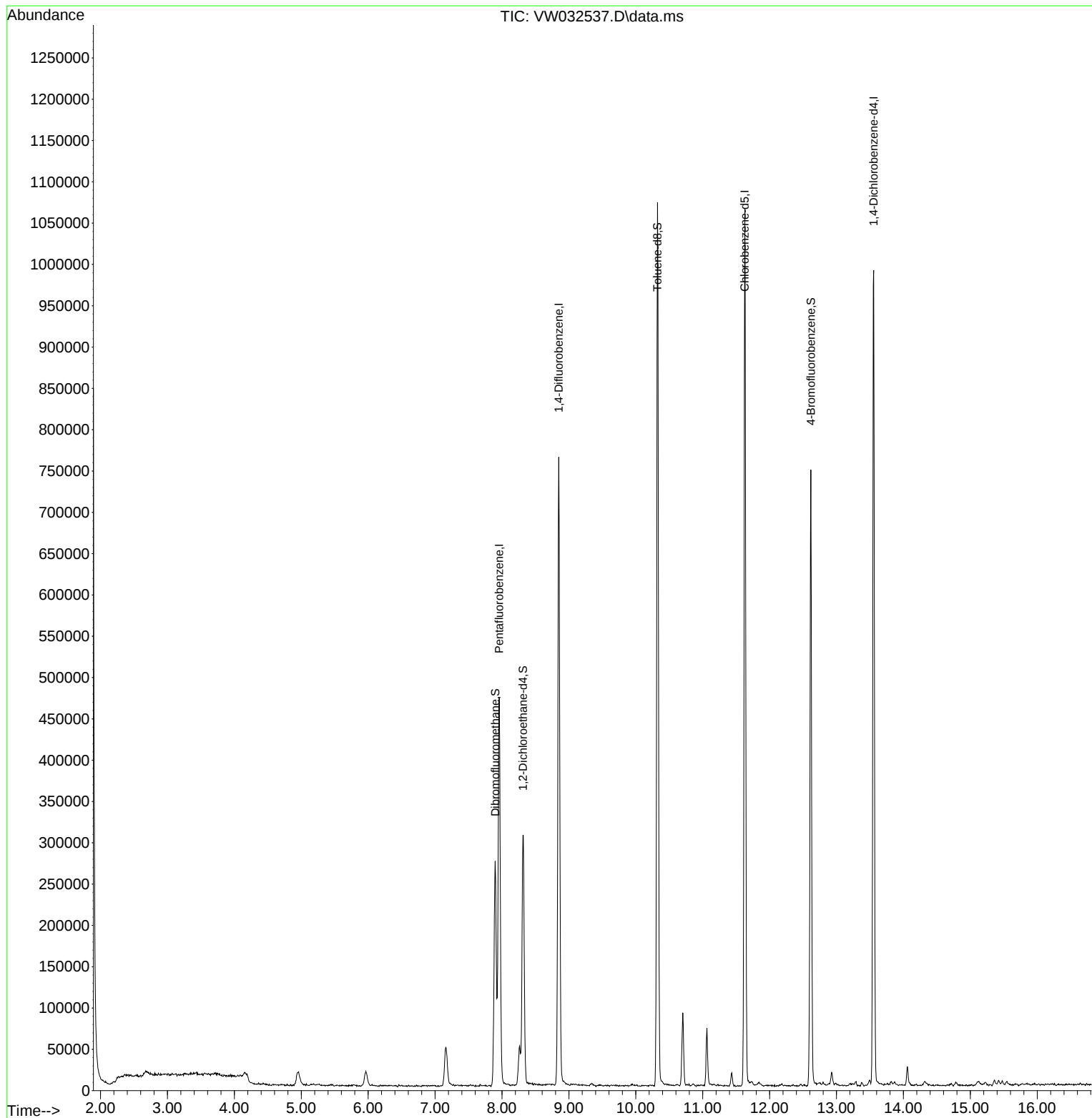
Target Compounds	Qvalue

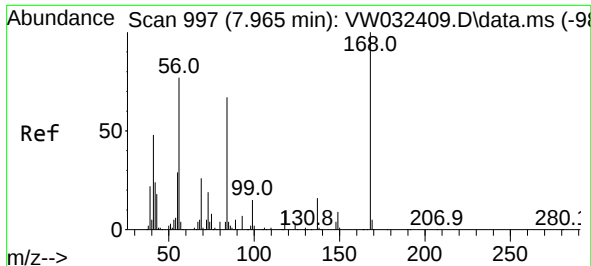
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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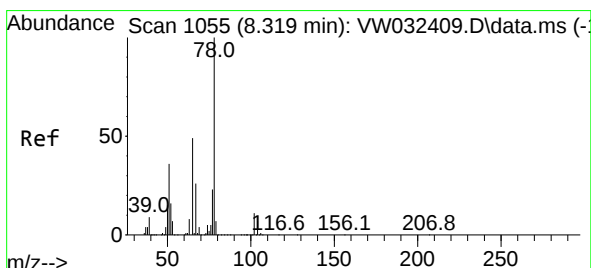
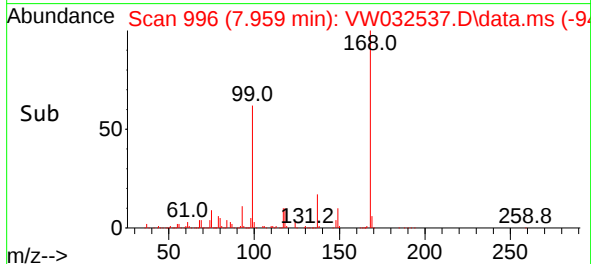
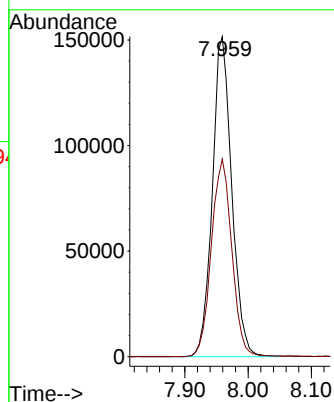
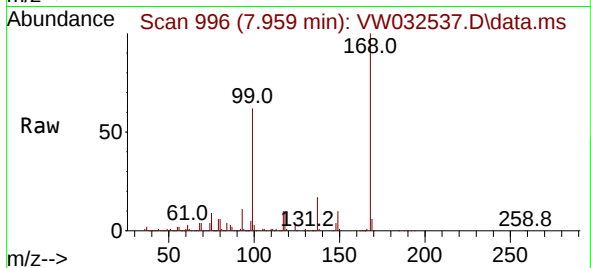




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

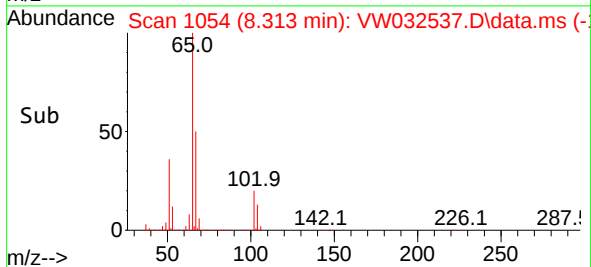
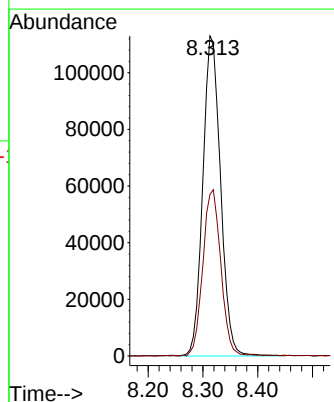
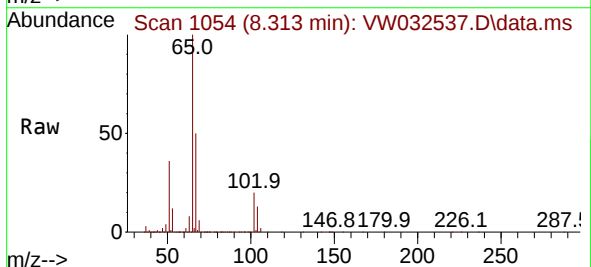
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

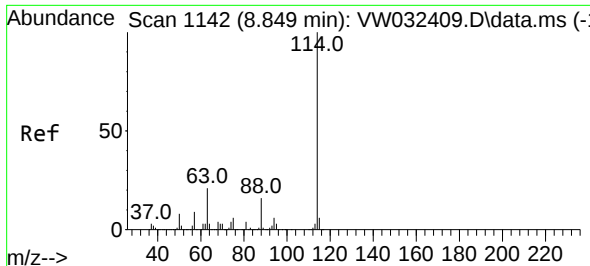
Tgt Ion:168 Resp: 322545
Ion Ratio Lower Upper
168 100
99 61.7 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 61.028 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 65 Resp: 253776
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8

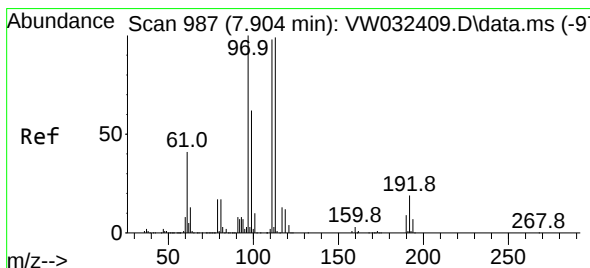
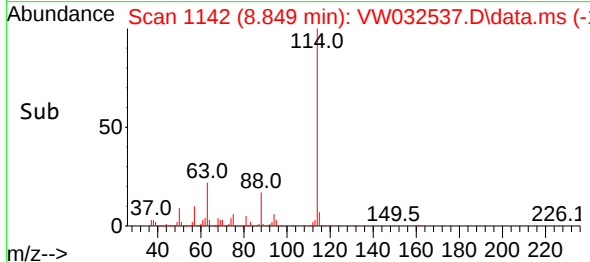
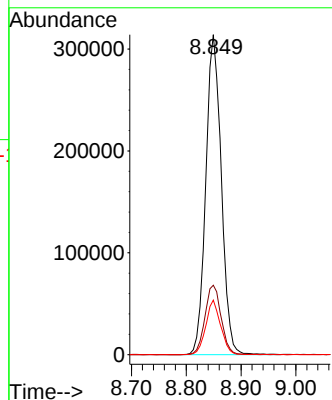
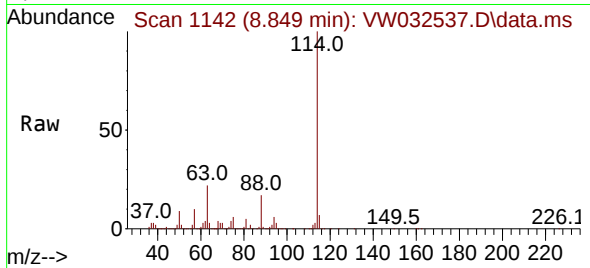




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

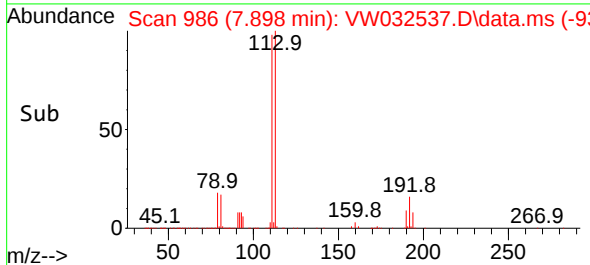
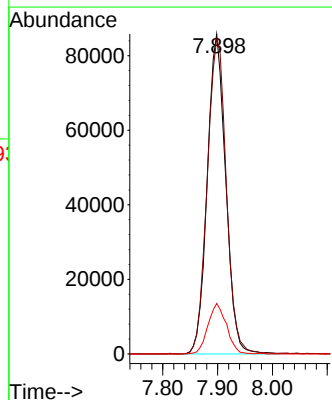
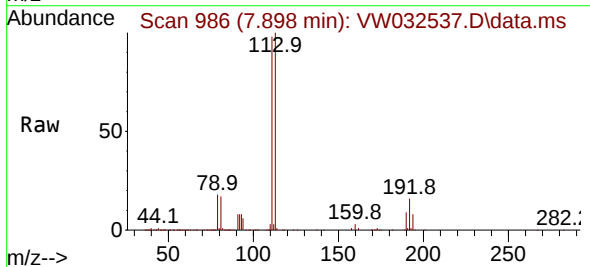
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

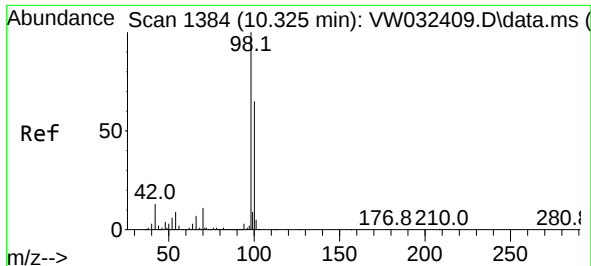
Tgt Ion:114 Resp: 615508
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.328 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion:113 Resp: 200211
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 15.9 13.4 20.2

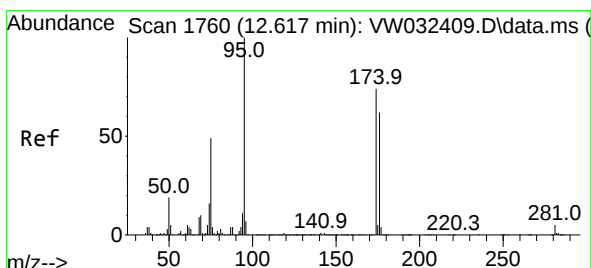
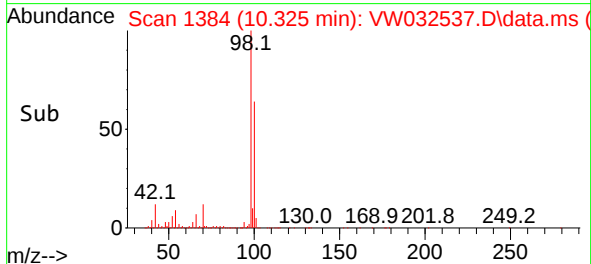
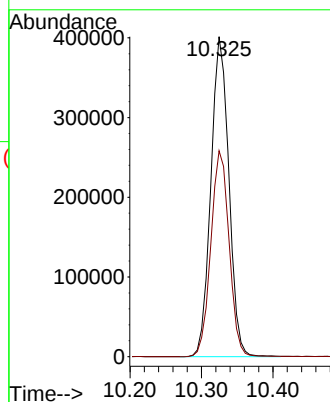
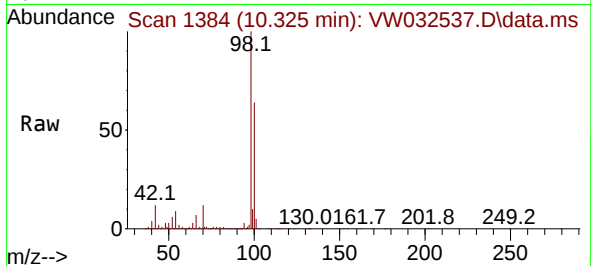




#50
Toluene-d8
Concen: 49.572 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

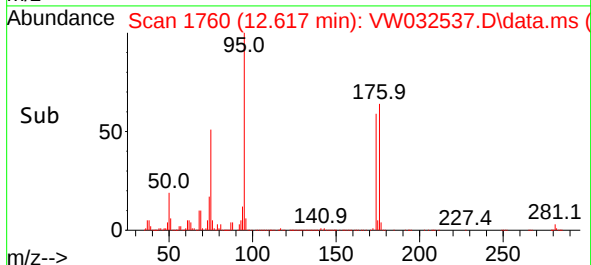
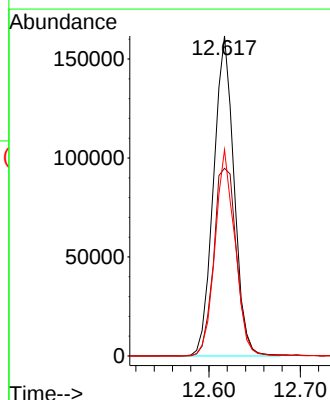
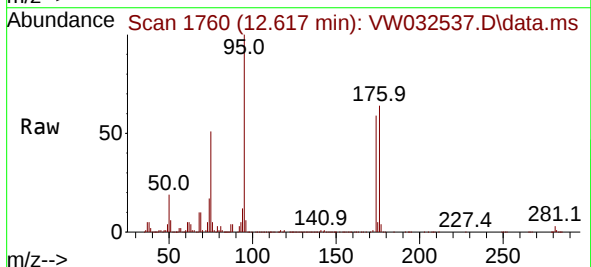
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBL01

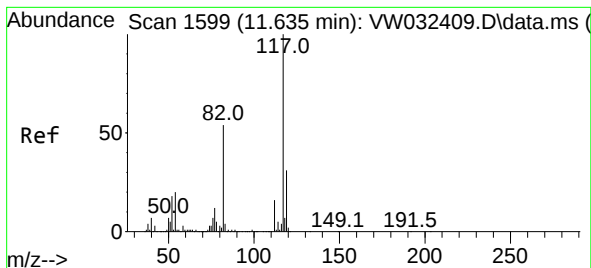
Tgt Ion: 98 Resp: 700835
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.160 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 95 Resp: 251867
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.4
176 62.5 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: VW032537.D

Acq: 26 Nov 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBL01

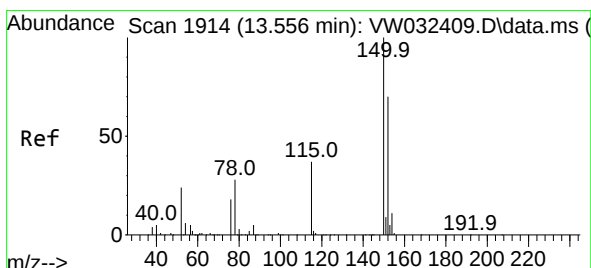
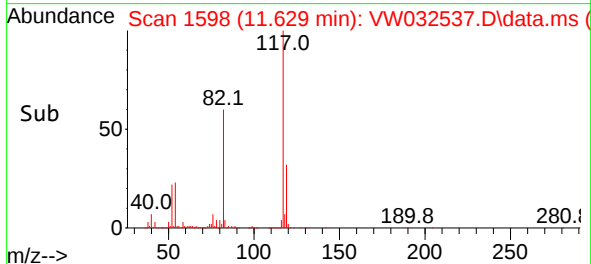
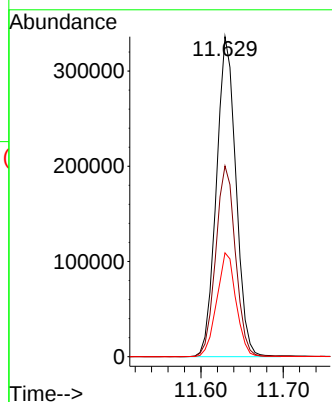
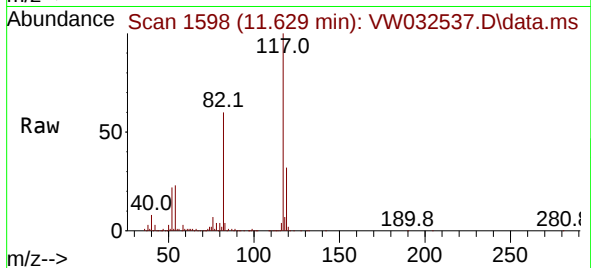
Tgt Ion:117 Resp: 556062

Ion Ratio Lower Upper

117 100

82 59.6 43.0 64.4

119 32.4 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: VW032537.D

Acq: 26 Nov 2025 12:37

Tgt Ion:152 Resp: 253580

Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 158.4 0.0 356.6

