

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032549.D
 Acq On : 26 Nov 2025 17:11
 Operator : SY/MD
 Sample : Q3719-10
 Misc : 5.17g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-15B

Quant Time: Nov 27 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	181206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	452149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	513533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	252269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164526	70.425	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	140.860%
35) Dibromofluoromethane	7.898	113	150363	55.543	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	111.080%
50) Toluene-d8	10.325	98	479373	46.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.617	95	216082	55.078	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	110.160%

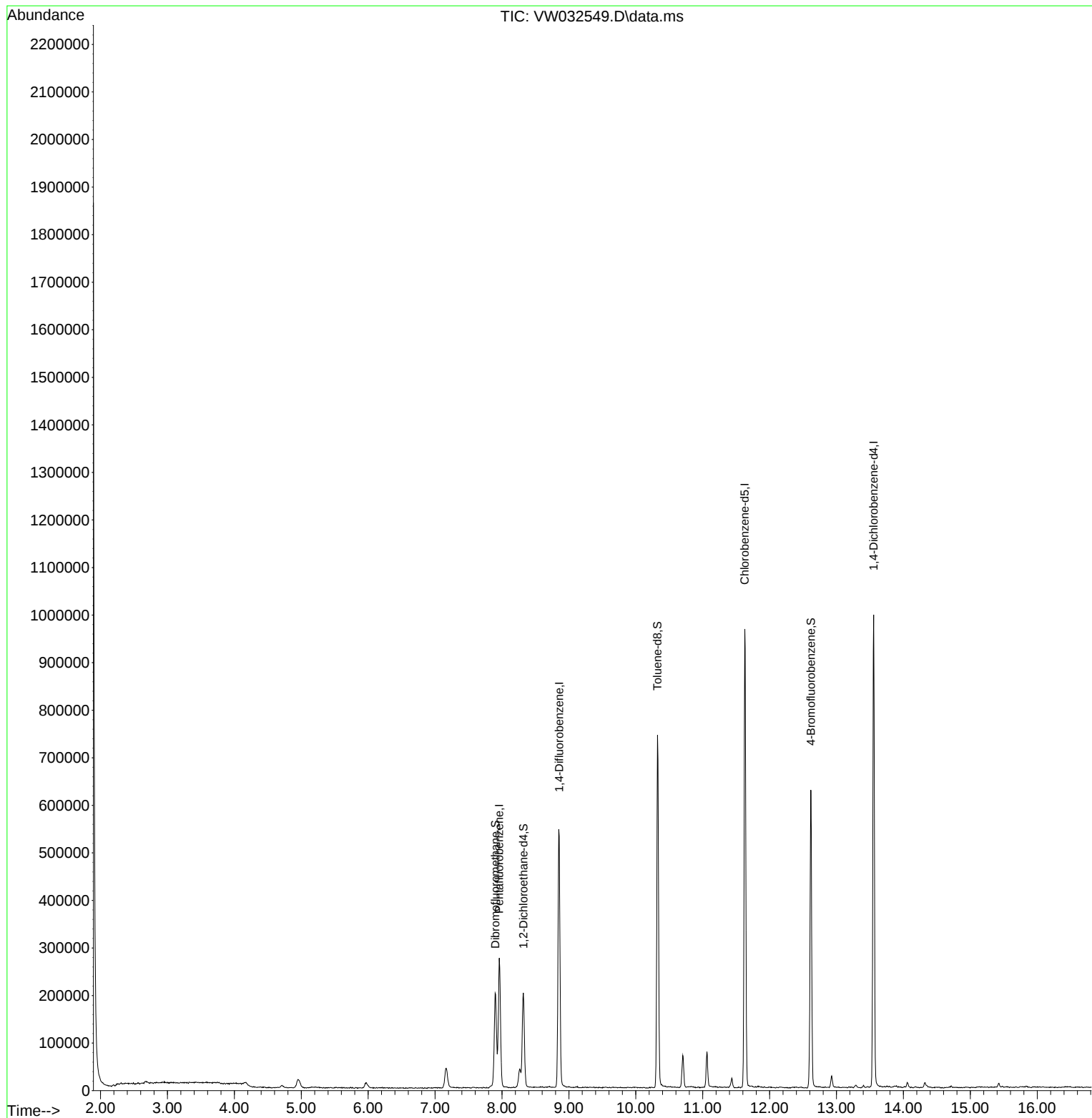
Target Compounds	Qvalue

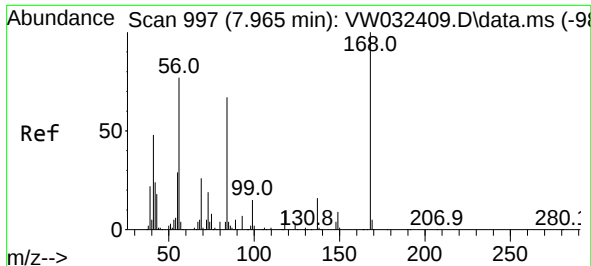
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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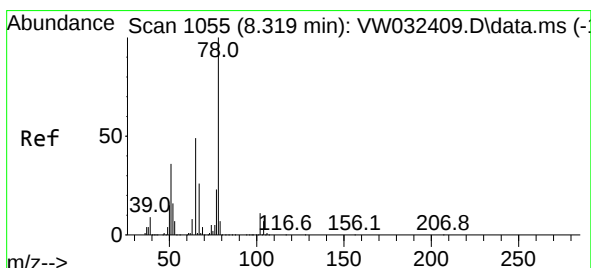
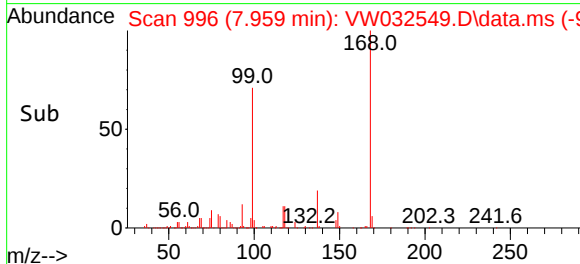
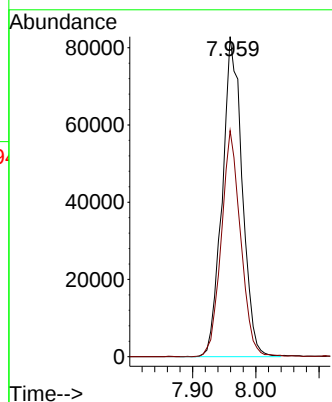
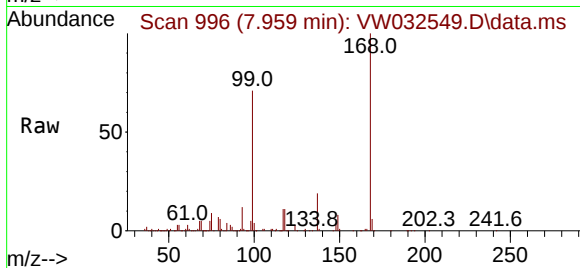




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

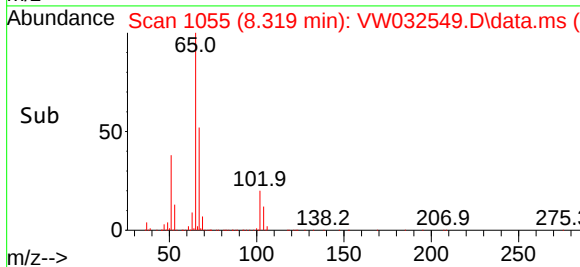
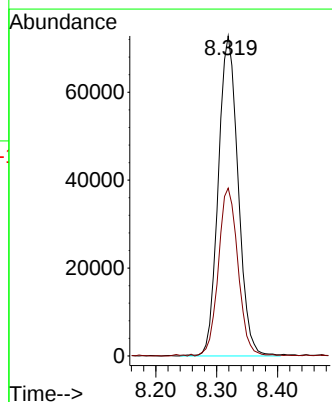
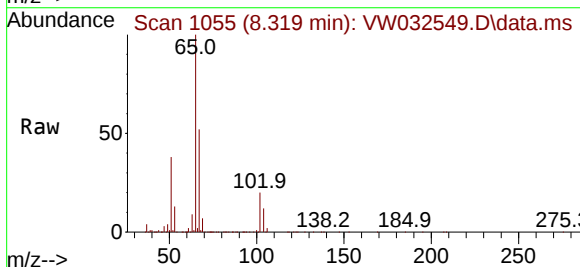
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

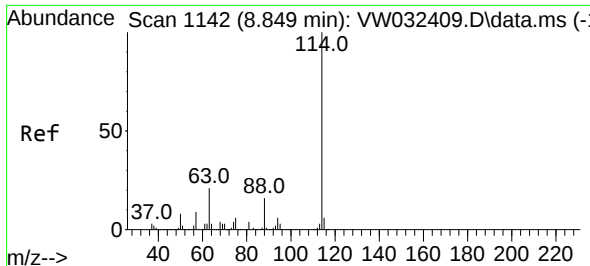
Tgt Ion:168 Resp: 181206
Ion Ratio Lower Upper
168 100
99 70.7 45.4 68.2#



#33
1,2-Dichloroethane-d4
Concen: 70.425 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion: 65 Resp: 164526
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

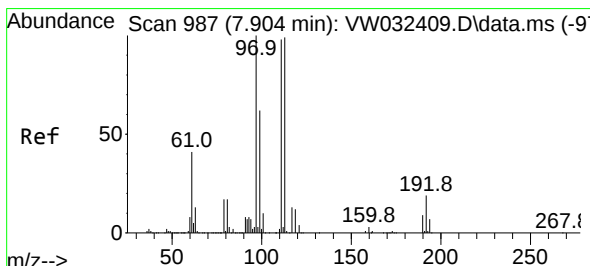
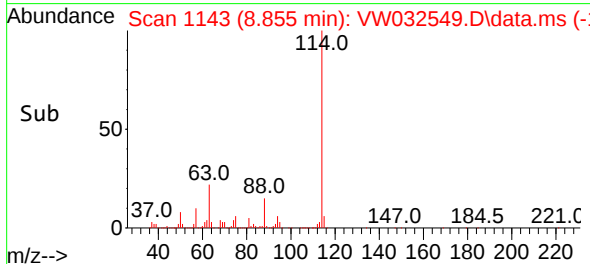
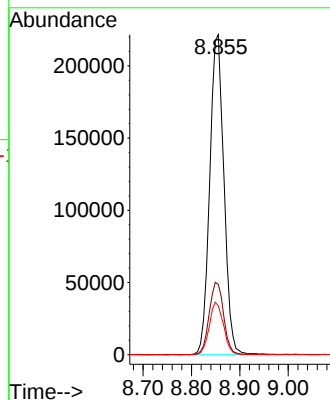
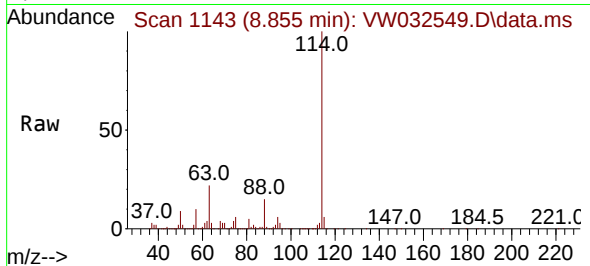




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

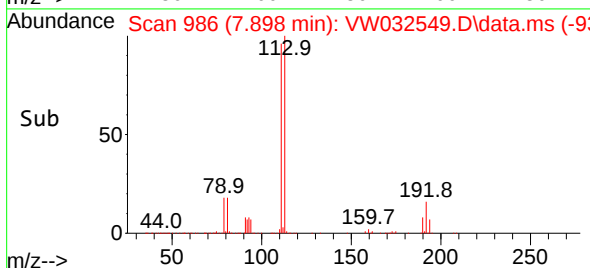
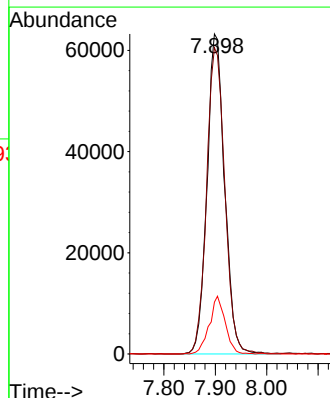
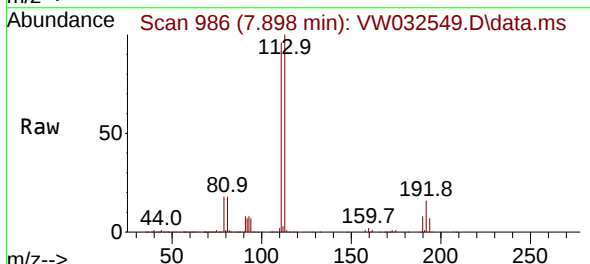
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-15B

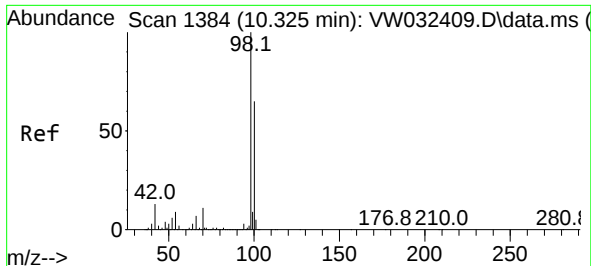
Tgt Ion:114 Resp: 452149
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 55.543 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion:113 Resp: 150363
Ion Ratio Lower Upper
113 100
111 99.1 83.1 124.7
192 16.3 13.4 20.2

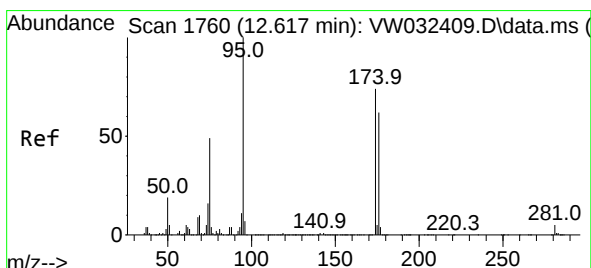
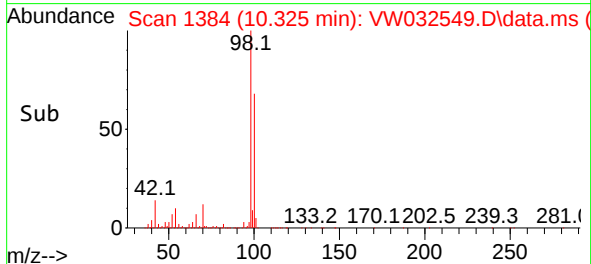
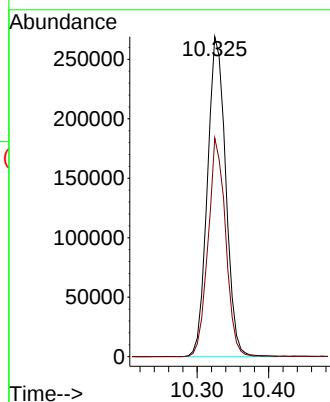
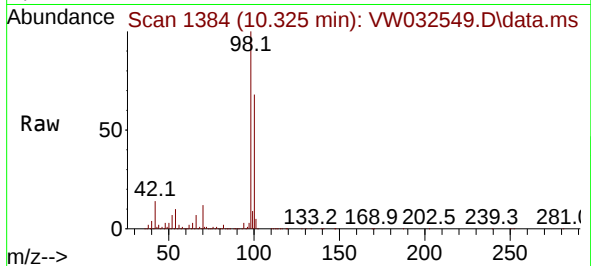




#50
Toluene-d8
Concen: 46.158 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

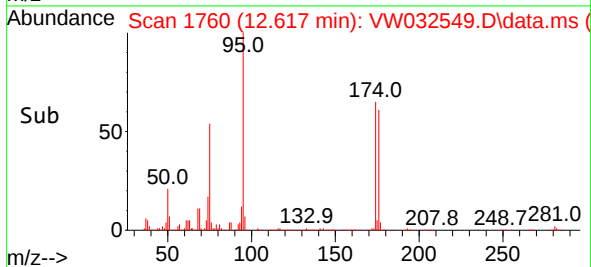
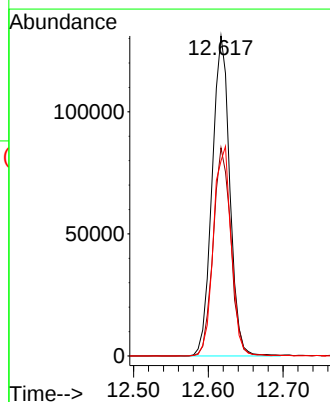
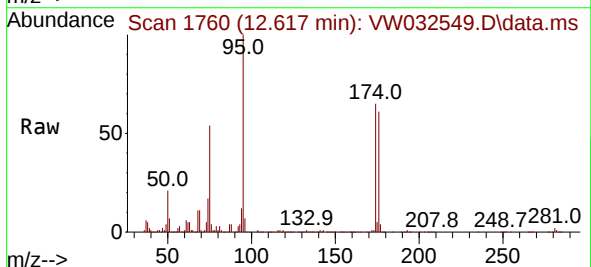
Instrument :
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ClientSampleId :
SB-1125-15B

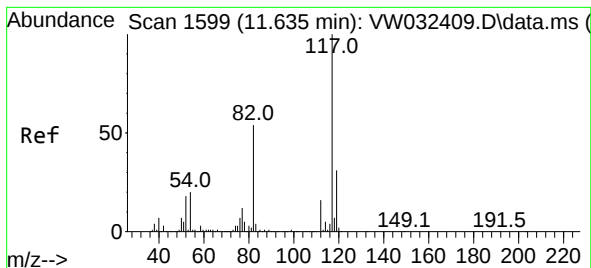
Tgt Ion: 98 Resp: 479373
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032549.D
Acq: 26 Nov 2025 17:11

Tgt Ion: 95 Resp: 216082
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.4
176 65.8 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: VW032549.D

Acq: 26 Nov 2025 17:11

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-15B

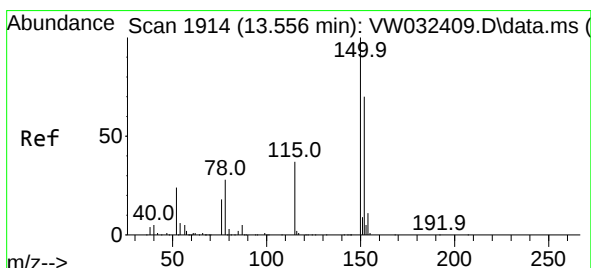
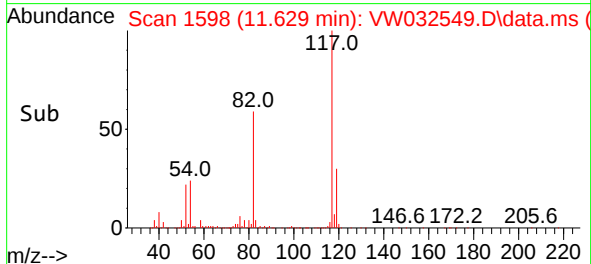
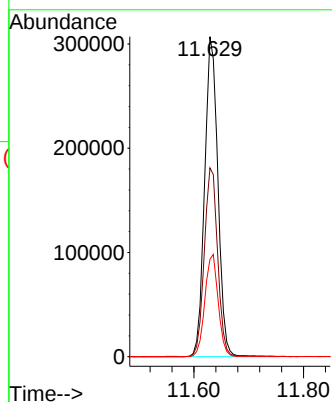
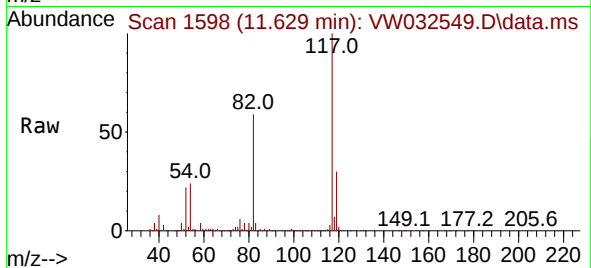
Tgt Ion:117 Resp: 513533

Ion Ratio Lower Upper

117 100

82 59.0 43.0 64.4

119 30.4 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: VW032549.D

Acq: 26 Nov 2025 17:11

Tgt Ion:152 Resp: 252269

Ion Ratio Lower Upper

152 100

115 63.1 32.8 98.3

150 154.9 0.0 356.6

