

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032024.D
 Acq On : 06 Aug 2025 10:12
 Operator : SY/MD
 Sample : VW0806SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0806SBL01

Quant Time: Aug 07 02:16:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	170251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	371746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	132085	51.286	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	102.580%
35) Dibromofluoromethane	7.898	113	118905	47.071	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.140%
50) Toluene-d8	10.325	98	441145	46.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.617	95	153795	41.895	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.780%

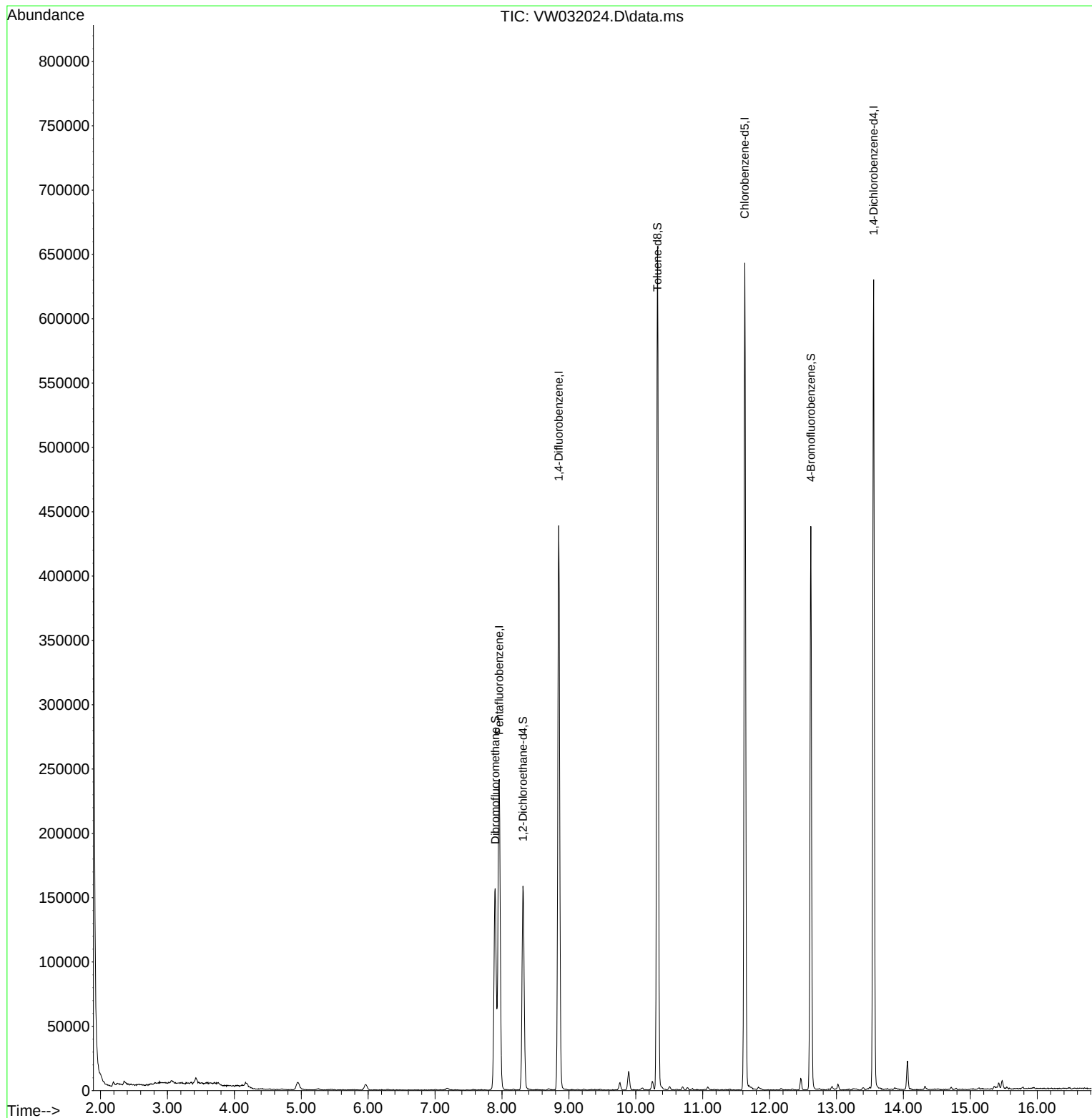
Target Compounds	Qvalue

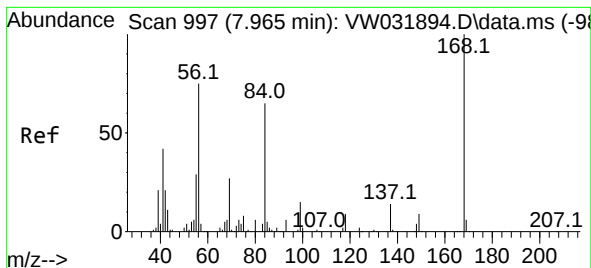
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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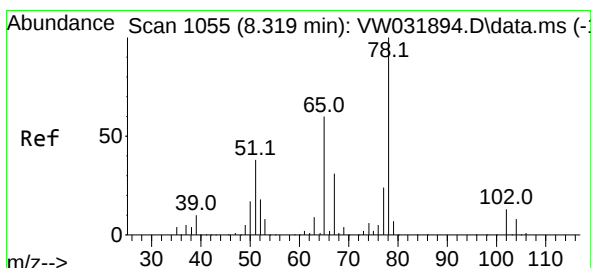
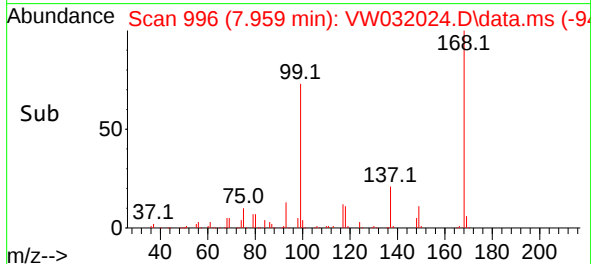
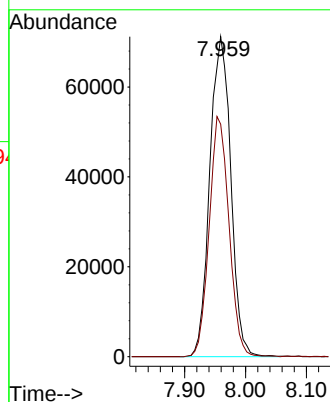
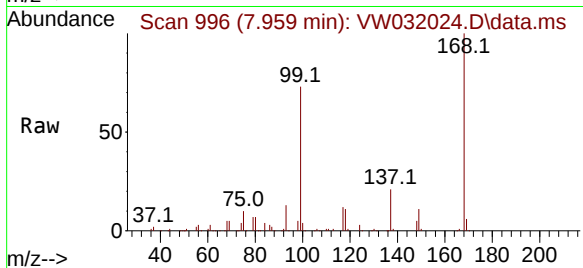




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

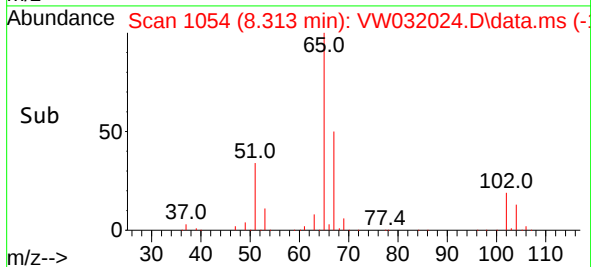
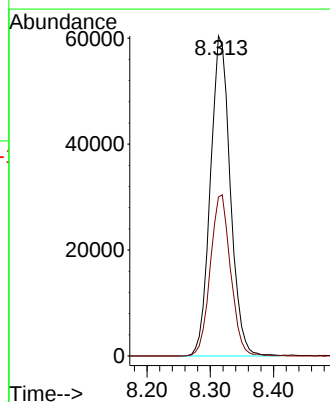
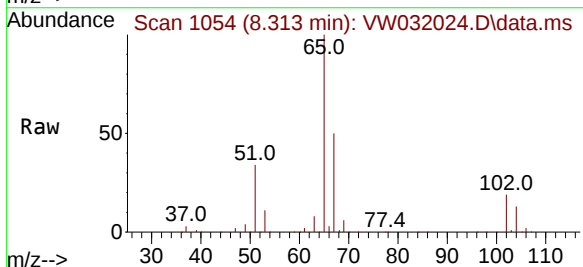
Instrument :
MSVOA_W
ClientSampleId :
VW0806SBL01

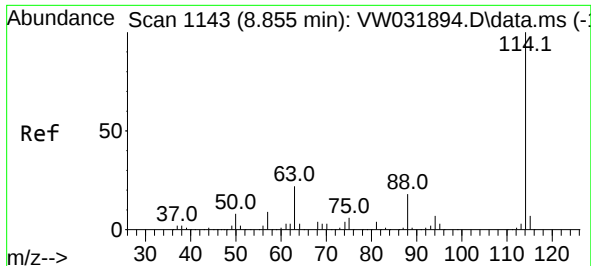
Tgt Ion:168 Resp: 170251
Ion Ratio Lower Upper
168 100
99 72.7 48.2 72.2#



#33
1,2-Dichloroethane-d4
Concen: 51.286 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 65 Resp: 132085
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

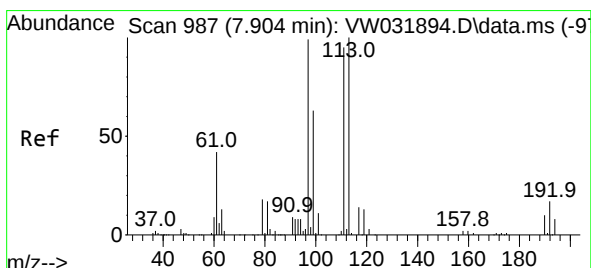
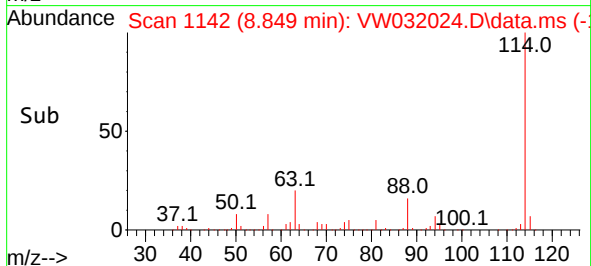
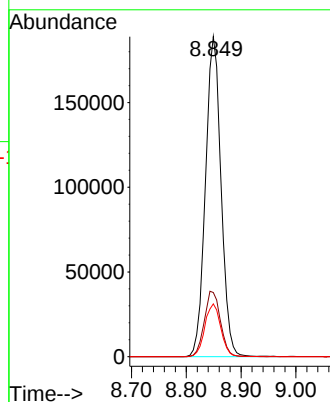
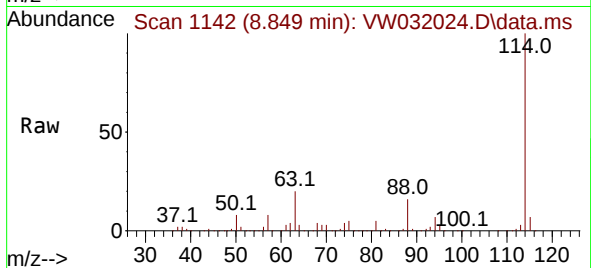




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

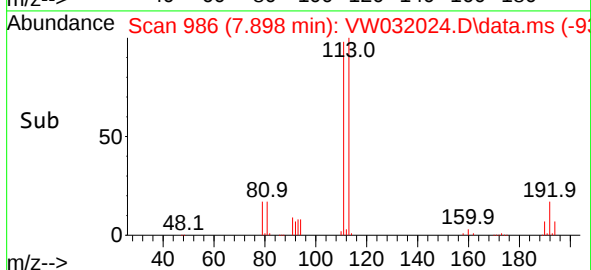
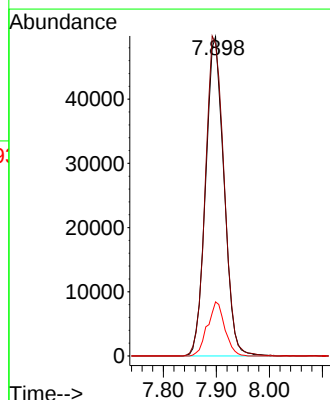
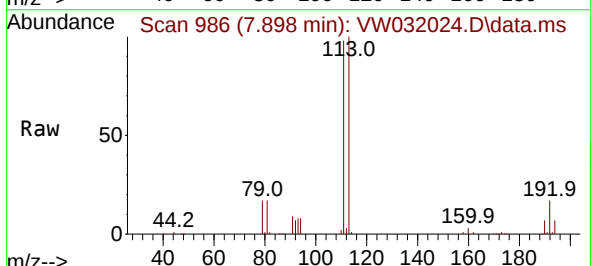
Instrument :
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ClientSampleId :
VW0806SBL01

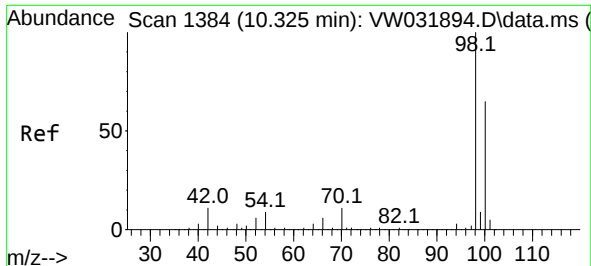
Tgt Ion:114 Resp: 371746
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.2
88 16.5 0.0 35.6



#35
Dibromofluoromethane
Concen: 47.071 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion:113 Resp: 118905
Ion Ratio Lower Upper
113 100
111 102.2 79.9 119.9
192 16.1 12.6 19.0

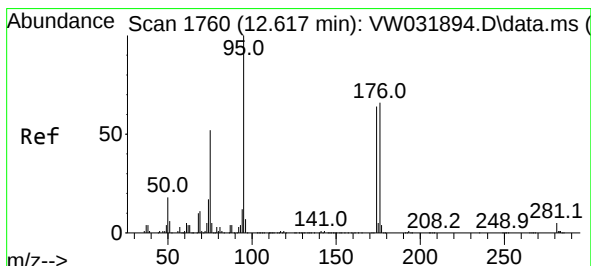
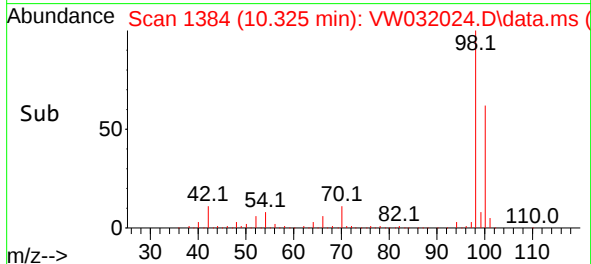
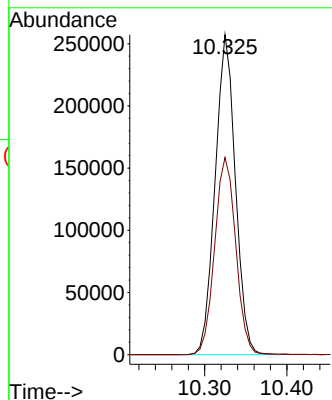
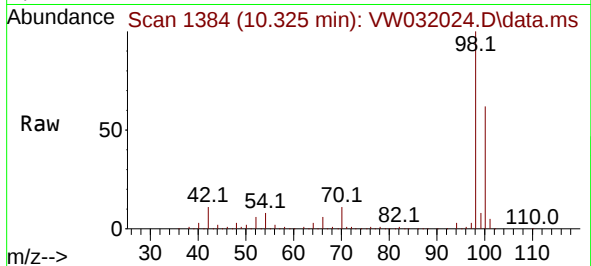




#50
Toluene-d8
Concen: 46.143 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

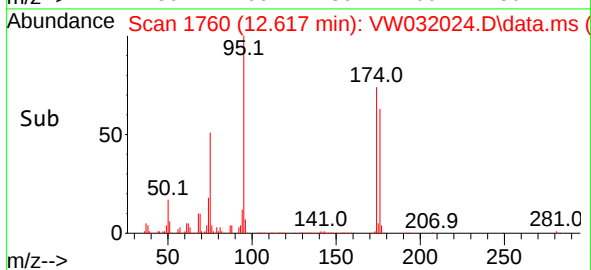
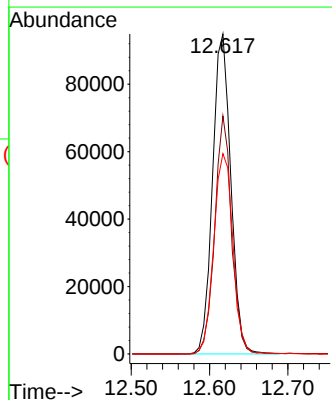
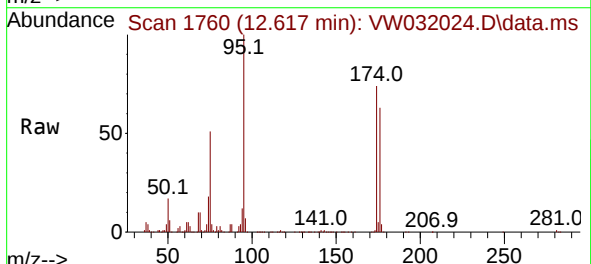
Instrument :
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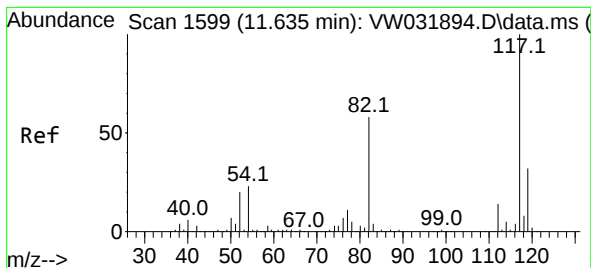
Tgt Ion: 98 Resp: 441145
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.895 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032024.D
Acq: 06 Aug 2025 10:12

Tgt Ion: 95 Resp: 153795
Ion Ratio Lower Upper
95 100
174 68.8 0.0 129.8
176 65.6 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032024.D

Acq: 06 Aug 2025 10:12

Instrument :

MSVOA_W

ClientSampleId :

VW0806SBL01

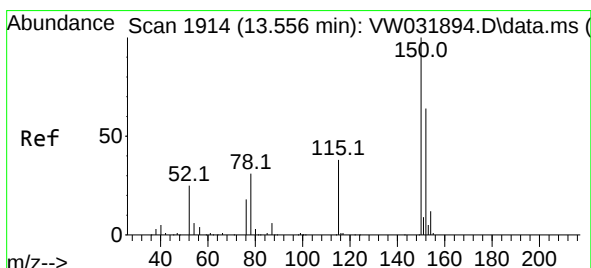
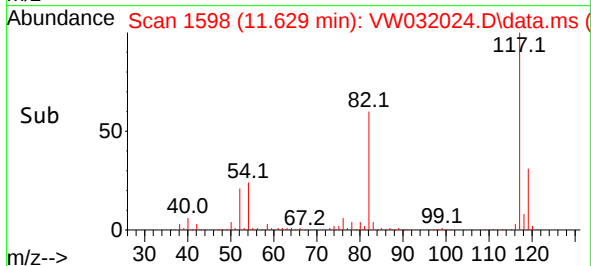
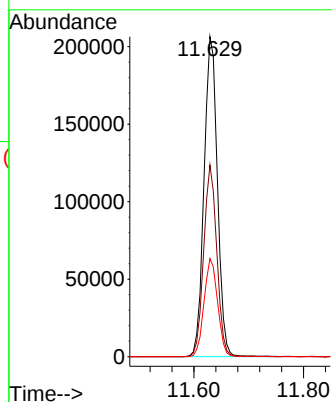
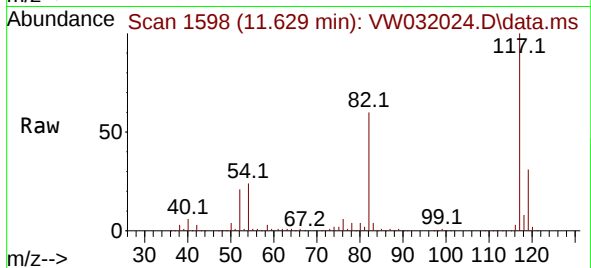
Tgt Ion:117 Resp: 349426

Ion Ratio Lower Upper

117 100

82 59.9 46.5 69.7

119 30.6 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032024.D

Acq: 06 Aug 2025 10:12

Tgt Ion:152 Resp: 157301

Ion Ratio Lower Upper

152 100

115 65.0 33.4 100.1

150 158.0 0.0 352.2

