

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031760.D
 Acq On : 03 Jul 2025 11:07
 Operator : SY/MD
 Sample : VW0703SBL02
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBL02

Quant Time: Jul 04 04:50:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	208367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	400569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	360954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	140406	46.954	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.900%
35) Dibromofluoromethane	7.904	113	121852	46.617	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.240%
50) Toluene-d8	10.325	98	454815	46.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.617	95	158138	44.177	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.360%

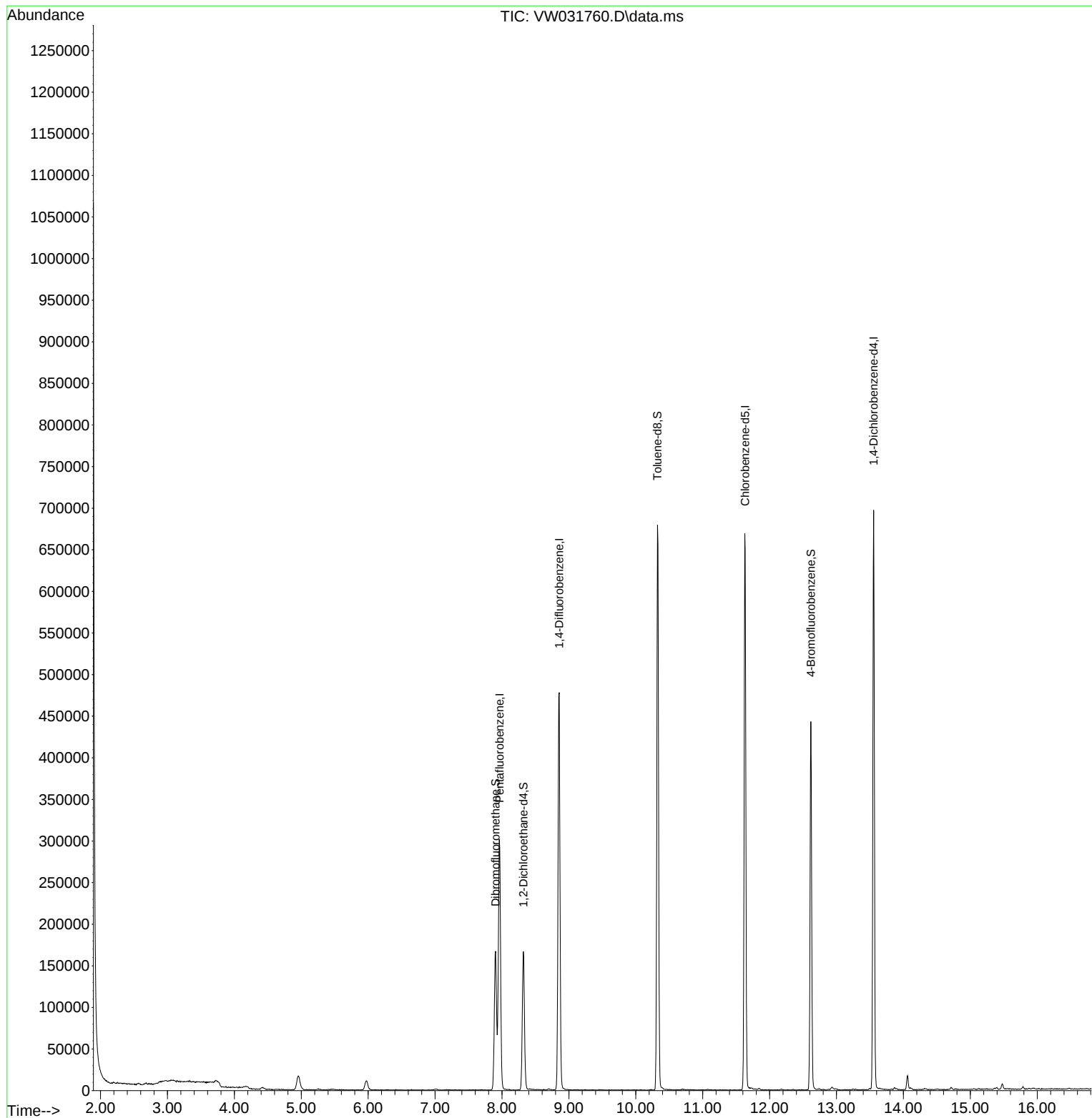
Target Compounds	Qvalue

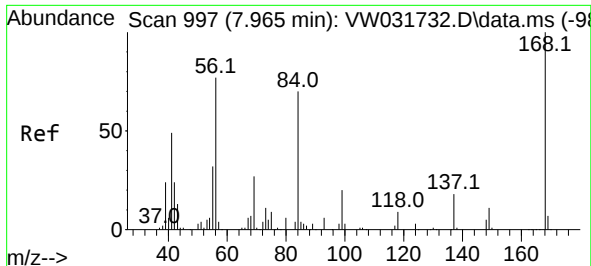
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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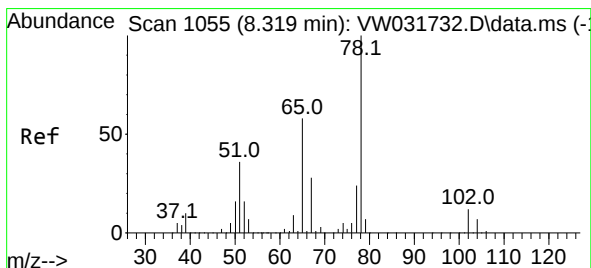
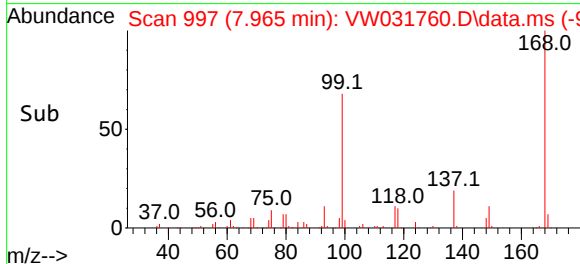
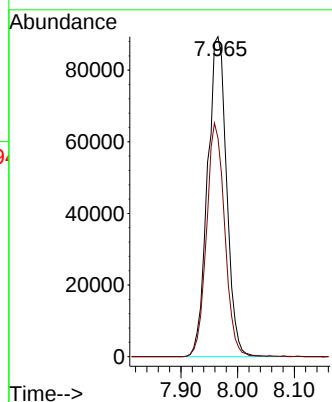
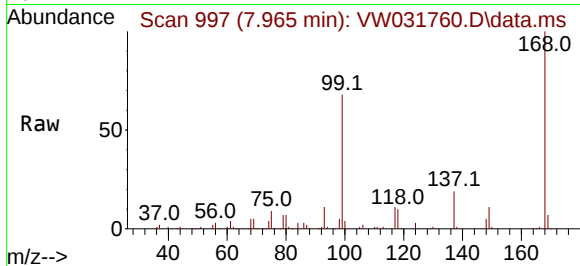




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

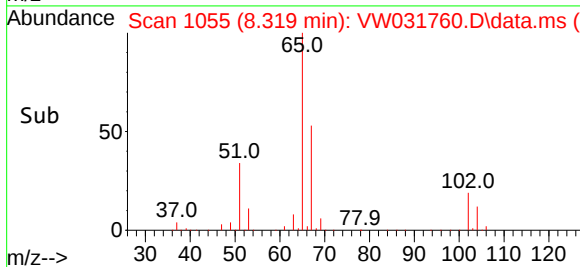
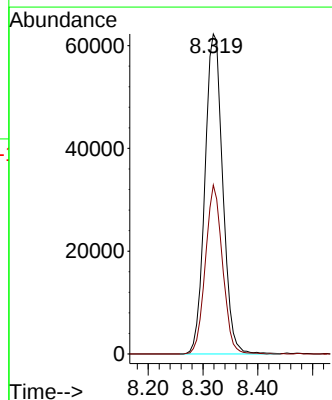
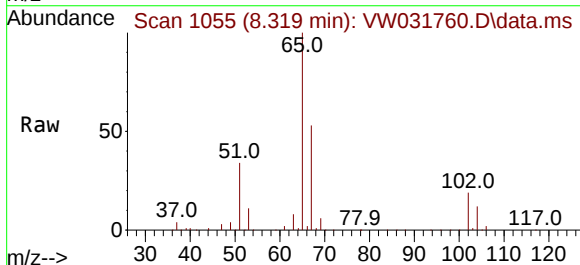
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL02

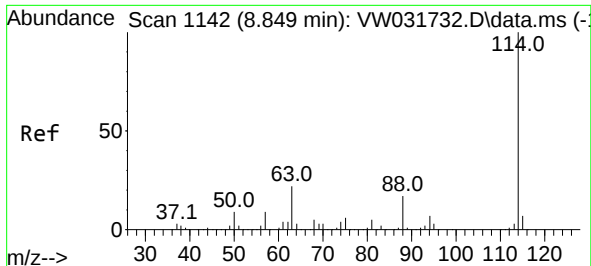
Tgt Ion:168 Resp: 208367
Ion Ratio Lower Upper
168 100
99 68.4 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 46.954 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

Tgt Ion: 65 Resp: 140406
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW031760.D

Acq: 03 Jul 2025 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBL02

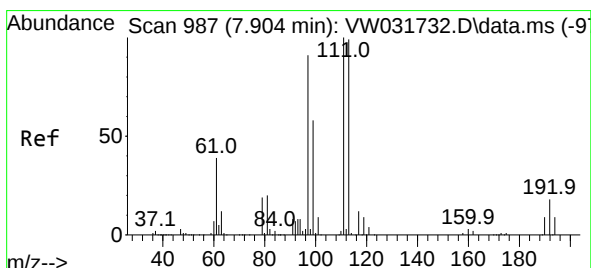
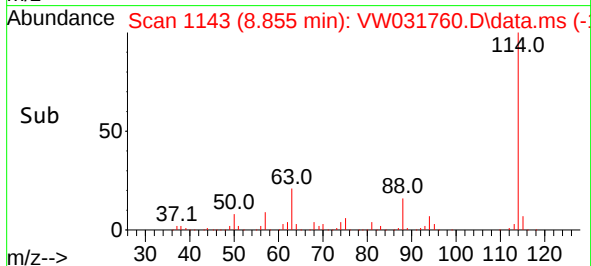
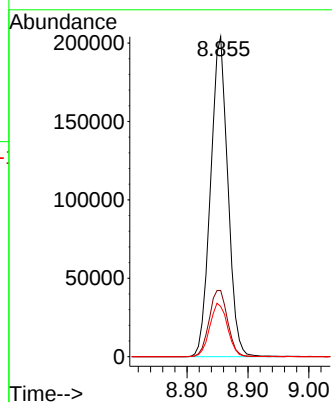
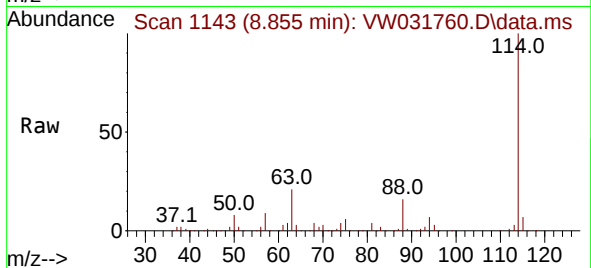
Tgt Ion:114 Resp: 400569

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.6

88 15.7 0.0 34.2



#35

Dibromofluoromethane

Concen: 46.617 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031760.D

Acq: 03 Jul 2025 11:07

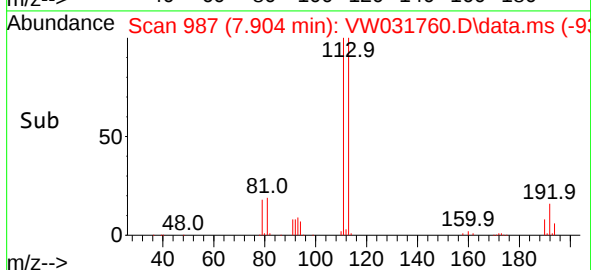
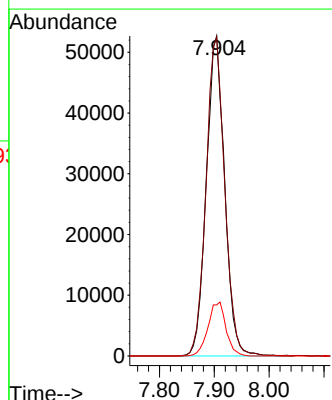
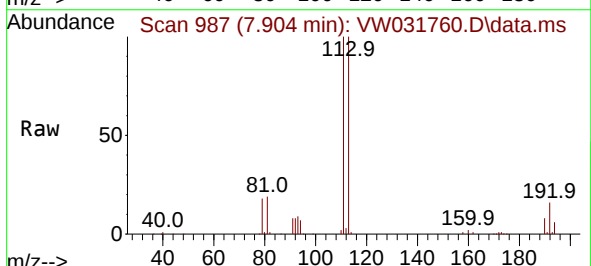
Tgt Ion:113 Resp: 121852

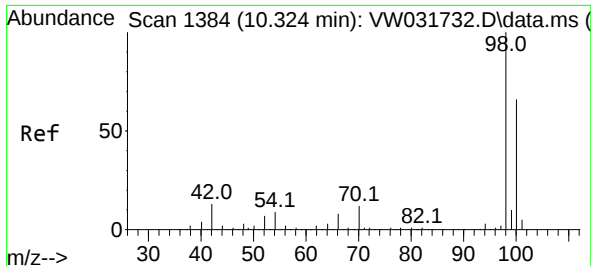
Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 16.5 13.8 20.6

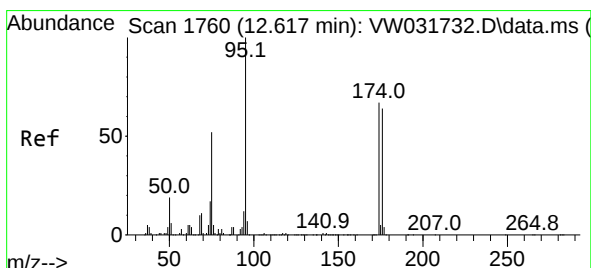
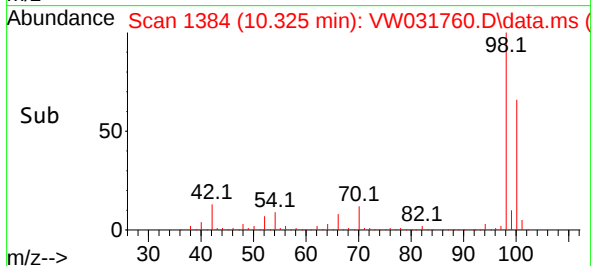
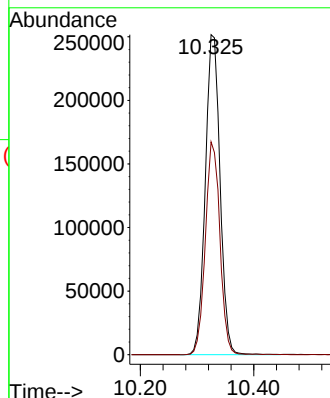
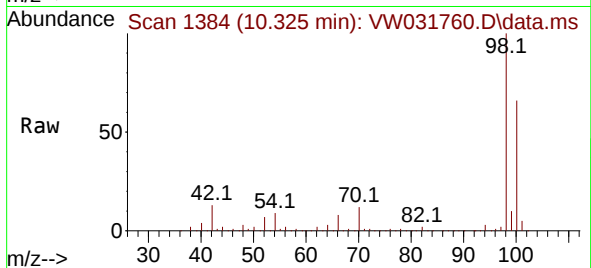




#50
Toluene-d8
Concen: 46.756 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

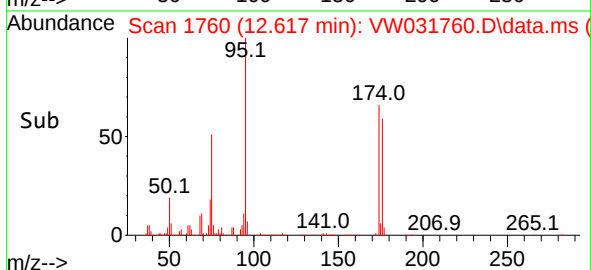
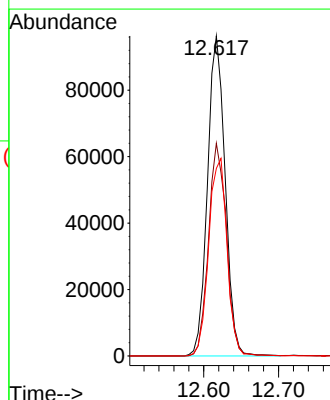
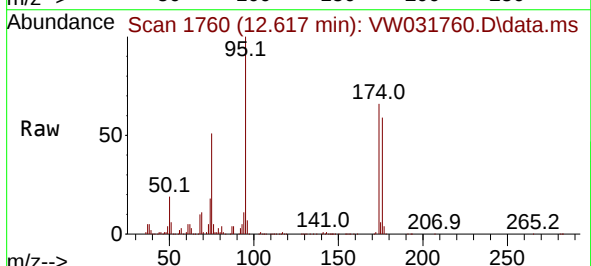
Instrument :
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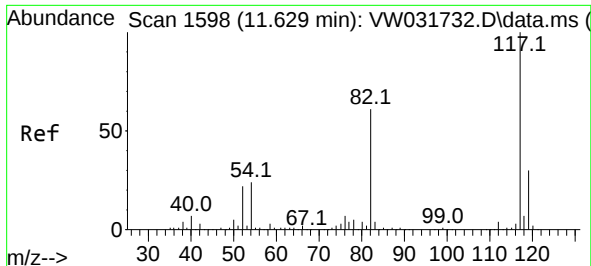
Tgt Ion: 98 Resp: 454815
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.177 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

Tgt Ion: 95 Resp: 158138
Ion Ratio Lower Upper
95 100
174 67.6 0.0 133.8
176 64.3 0.0 126.0

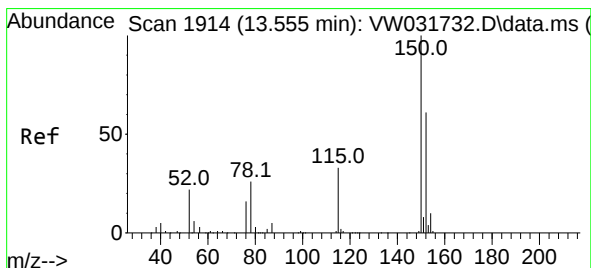
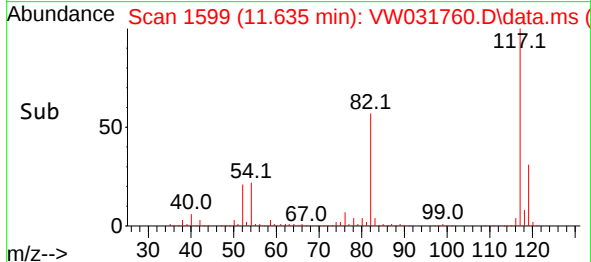
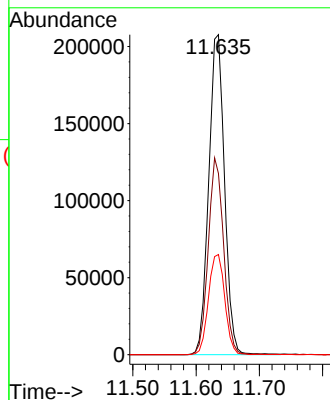
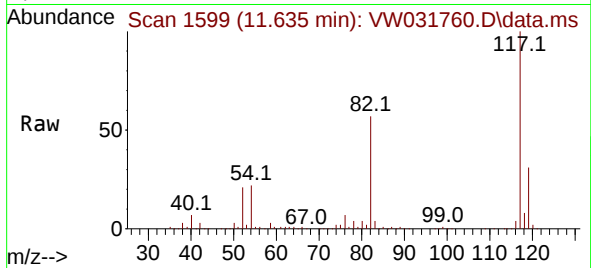




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL02

Tgt Ion:117 Resp: 360954
Ion Ratio Lower Upper
117 100
82 56.6 48.6 72.8
119 31.3 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031760.D
Acq: 03 Jul 2025 11:07

Tgt Ion:152 Resp: 170260
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.7
150 162.0 0.0 356.4

