

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031768.D
 Acq On : 09 Jul 2025 10:58
 Operator : SY/MD
 Sample : VW0709SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBL01

Quant Time: Jul 10 01:21:33 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	208773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	393637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132908	44.360	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	88.720%
35) Dibromofluoromethane	7.898	113	118160	46.001	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.000%
50) Toluene-d8	10.324	98	436151	45.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.617	95	147105	41.818	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.640%

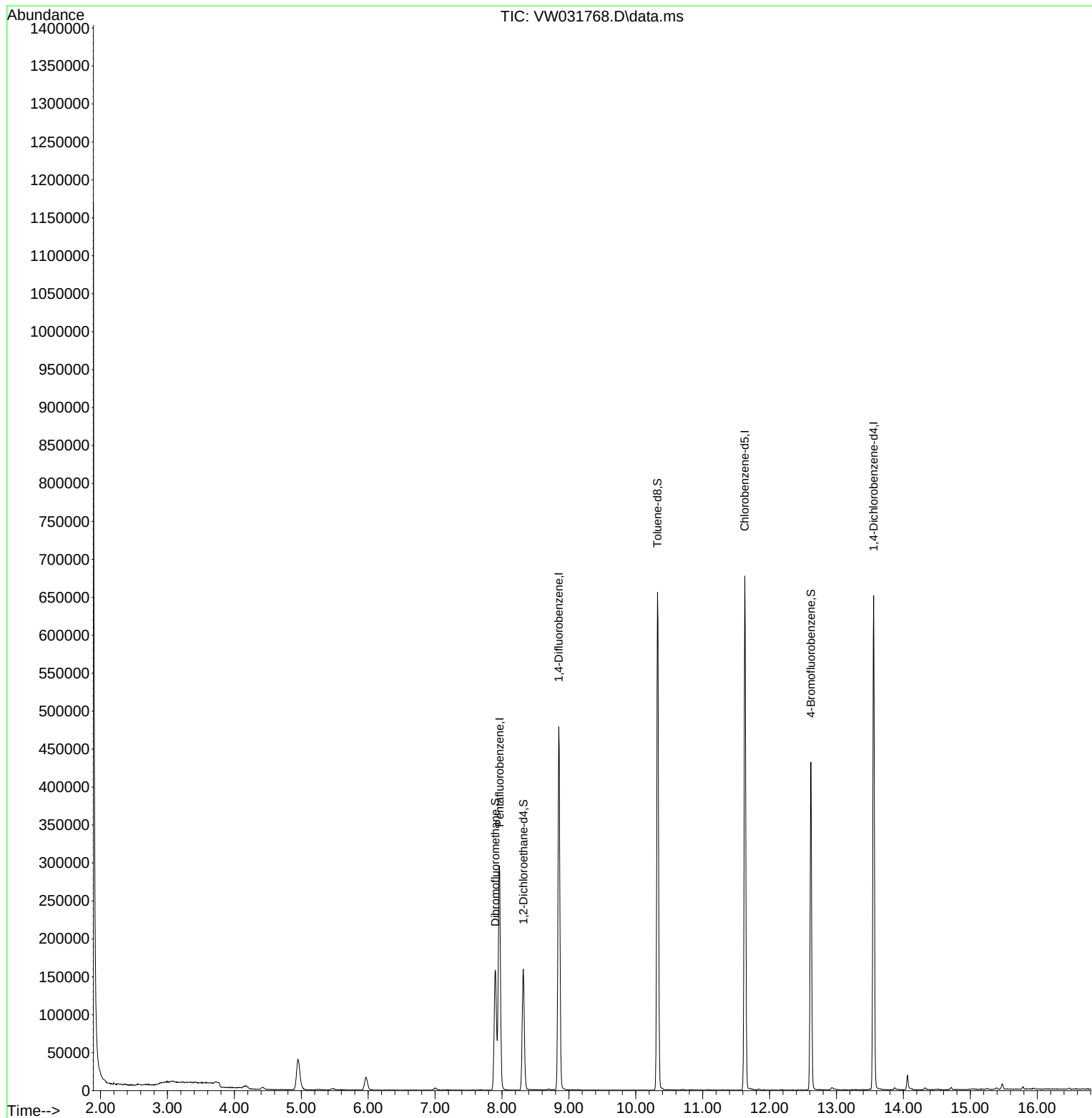
Target Compounds	Qvalue

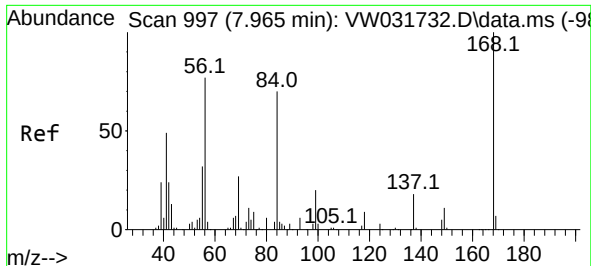
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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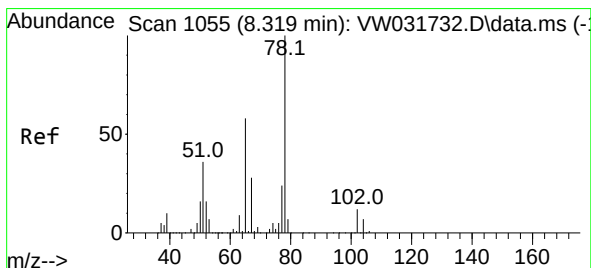
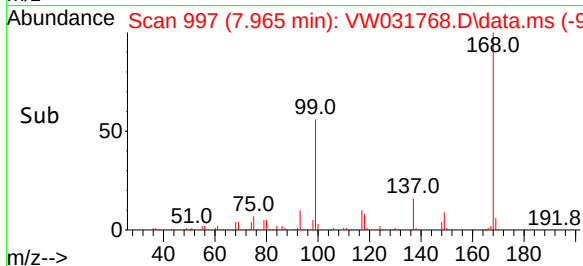
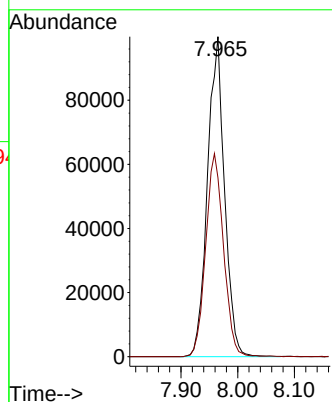
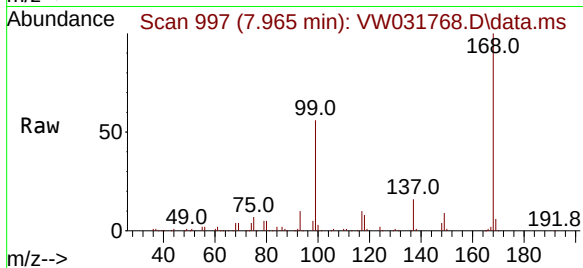




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

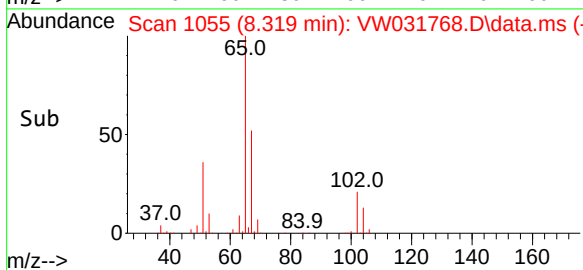
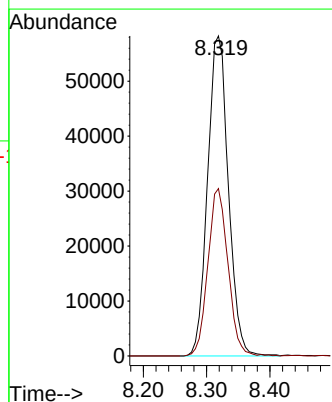
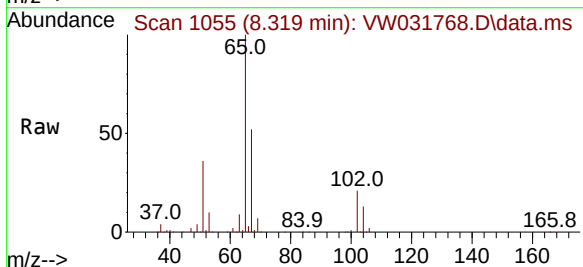
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

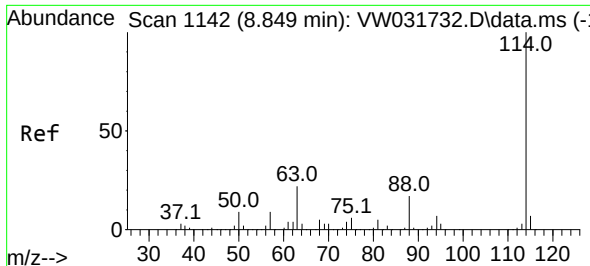
Tgt Ion:168 Resp: 208773
Ion Ratio Lower Upper
168 100
99 55.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion: 65 Resp: 132908
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

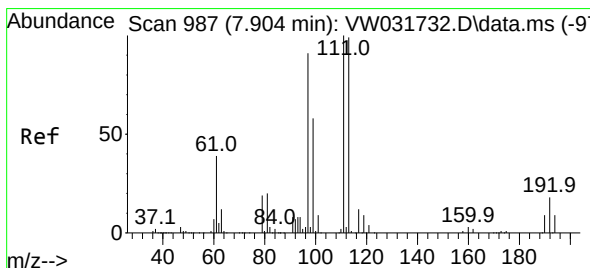
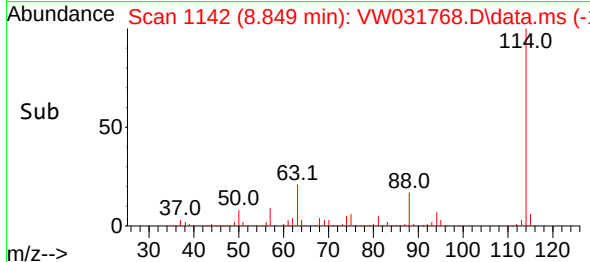
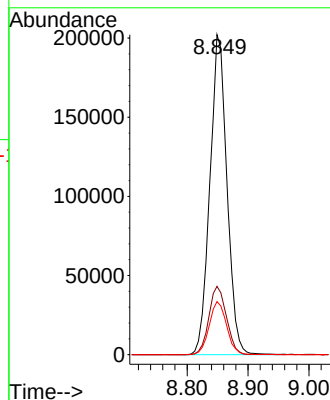
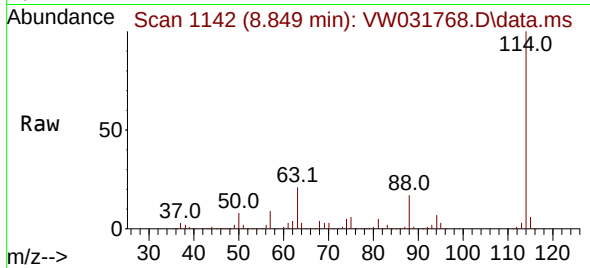




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

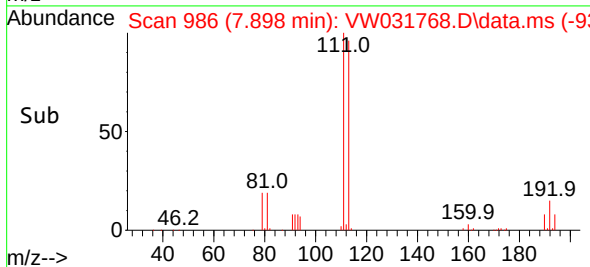
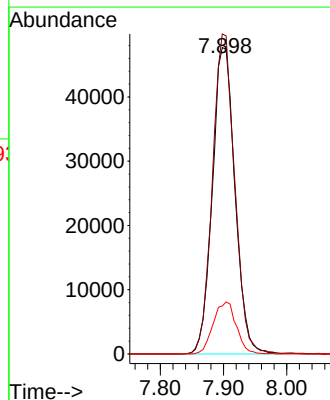
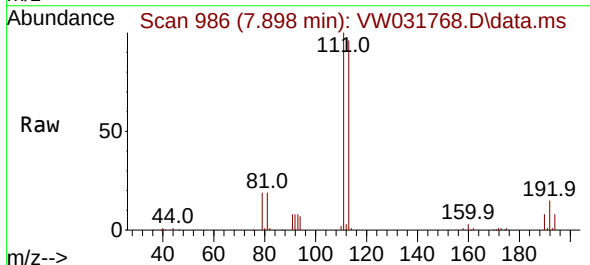
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

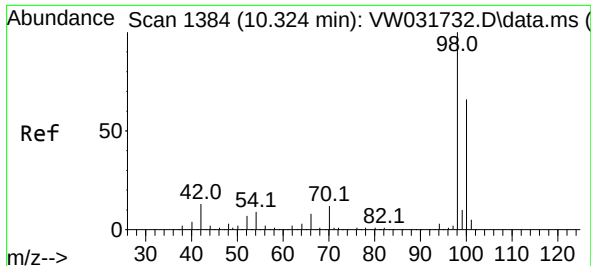
Tgt Ion:114 Resp: 393637
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.6
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion:113 Resp: 118160
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 17.3 13.8 20.6

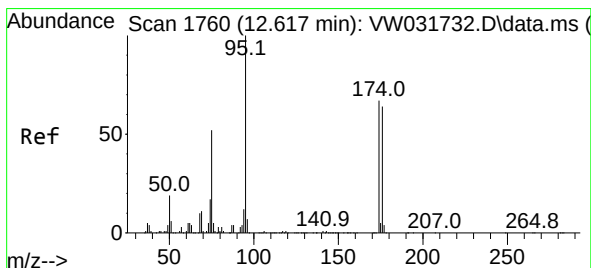
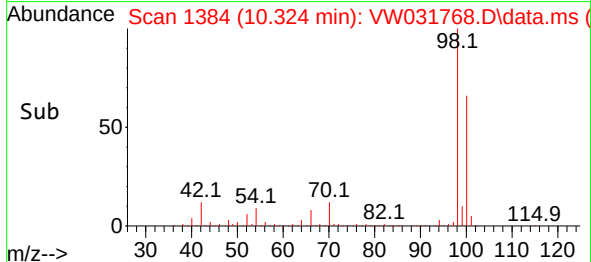
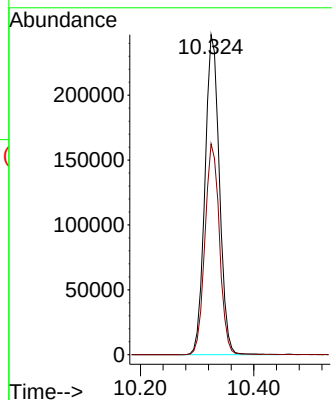
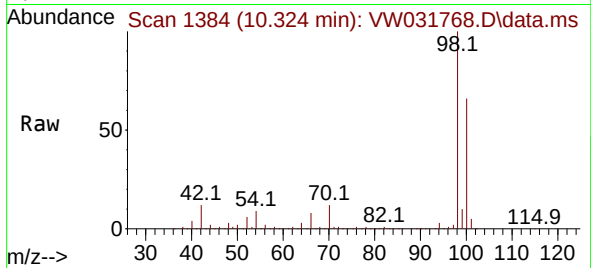




#50
Toluene-d8
Concen: 45.627 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

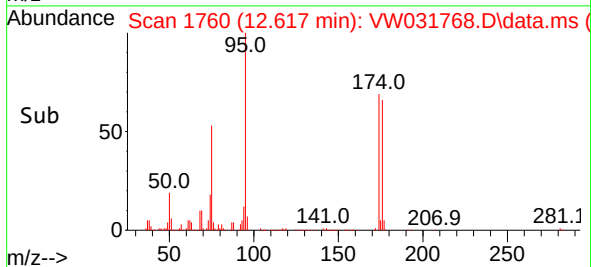
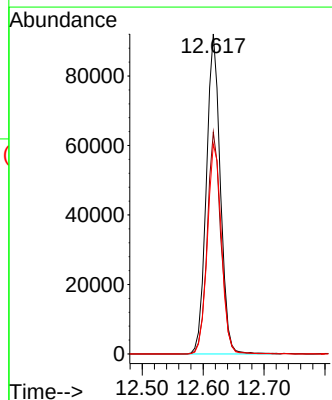
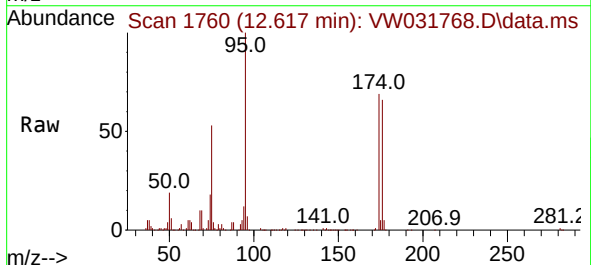
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

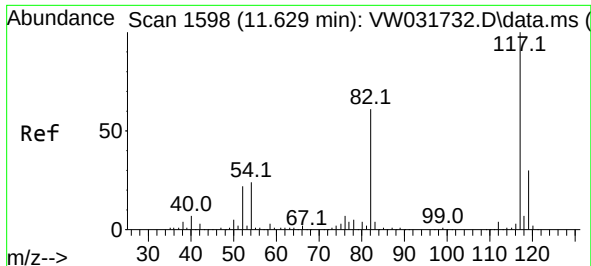
Tgt Ion: 98 Resp: 436151
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.818 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion: 95 Resp: 147105
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.8
176 66.1 0.0 126.0

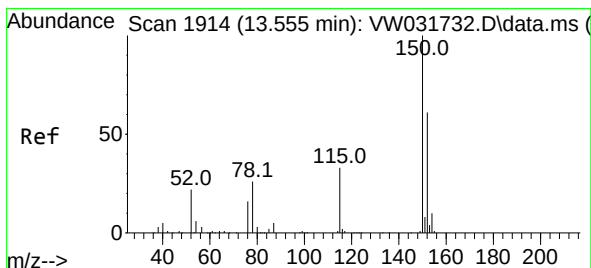
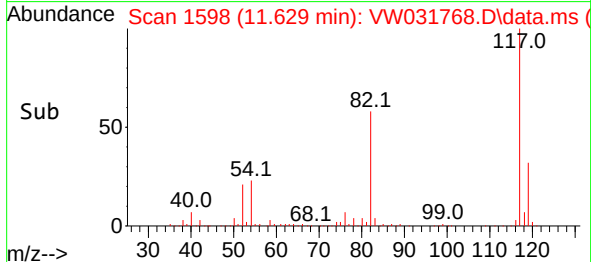
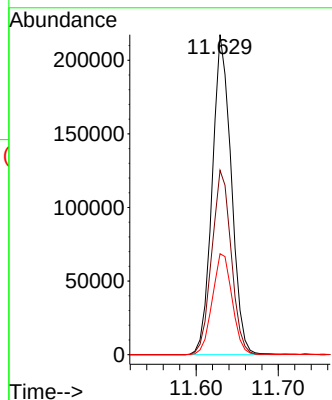
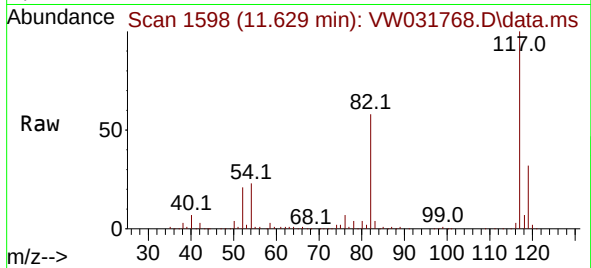




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031768.D
Acq: 09 Jul 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBL01

Tgt Ion:117 Resp: 349817
Ion Ratio Lower Upper
117 100
82 57.6 48.6 72.8
119 31.6 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: VW031768.D
Acq: 09 Jul 2025 10:58

Tgt Ion:152 Resp: 163801
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 157.8 0.0 356.4

