

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031748.D
 Acq On : 02 Jul 2025 09:57
 Operator : SY/MD
 Sample : VW0702SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL01

Quant Time: Jul 03 06:08:17 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	7.953	168	182177	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	343025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	313111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	137688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	128241	49.051	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.100%
35) Dibromofluoromethane	7.904	113	106614	47.630	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.260%
50) Toluene-d8	10.325	98	394130	47.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.617	95	131193	42.798	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	85.600%

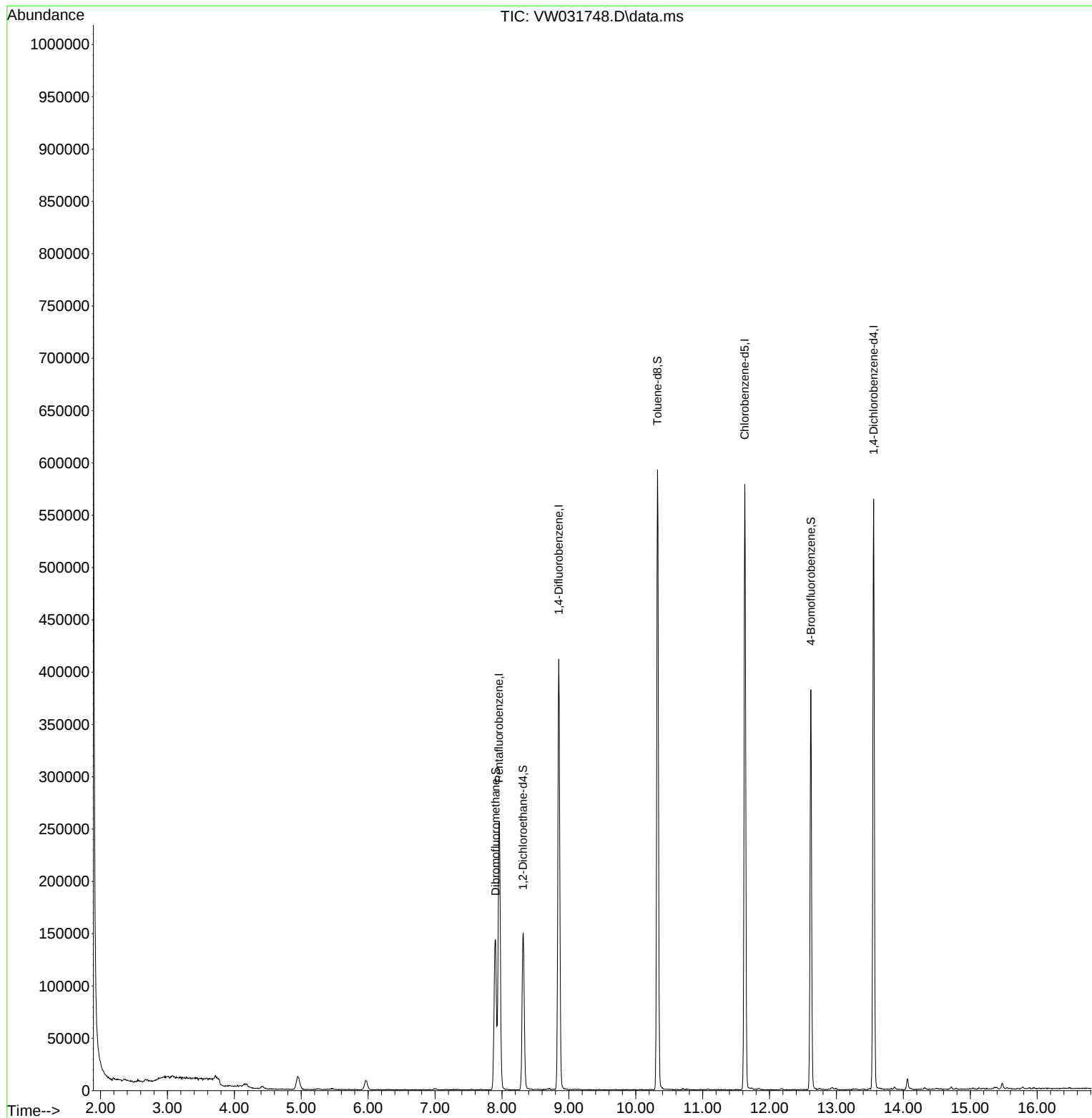
Target Compounds	Qvalue

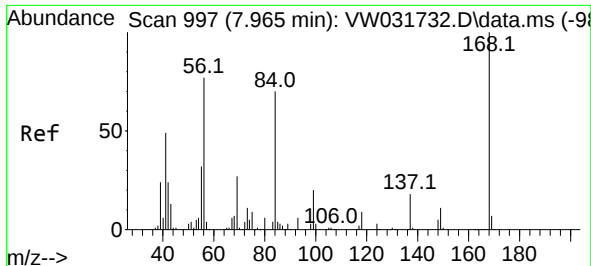
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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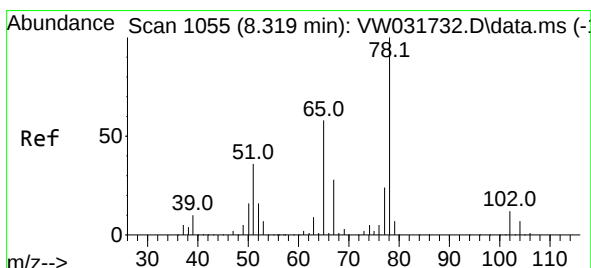
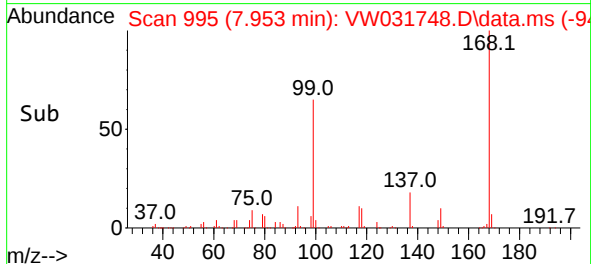
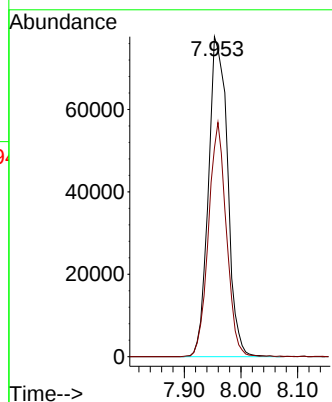
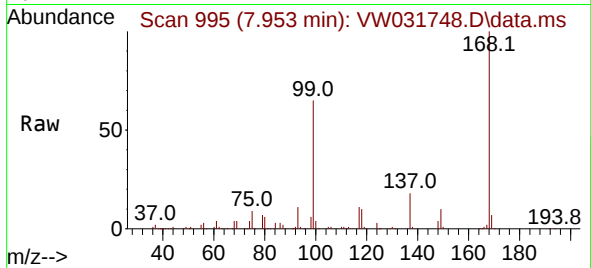




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

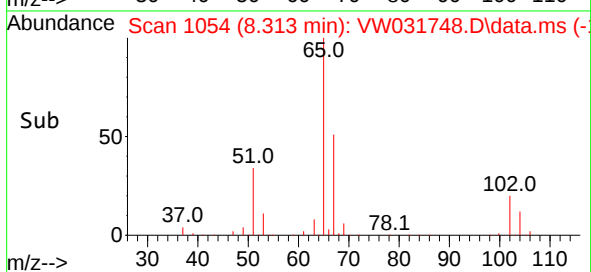
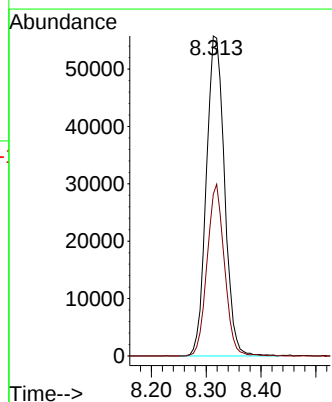
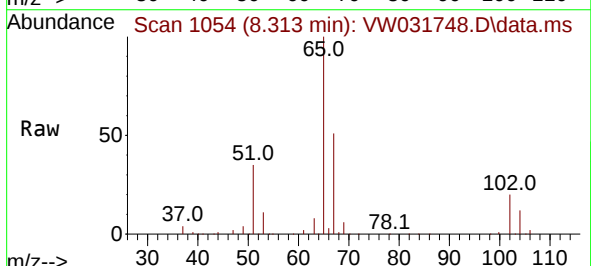
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

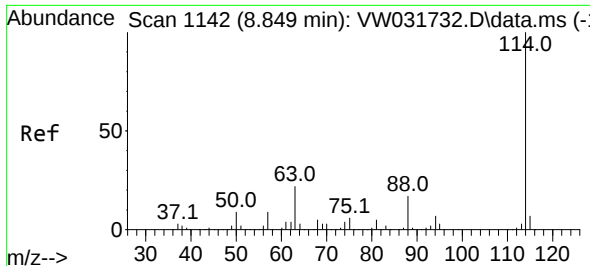
Tgt Ion:168 Resp: 182177
Ion Ratio Lower Upper
168 100
99 65.2 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 49.051 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 65 Resp: 128241
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4

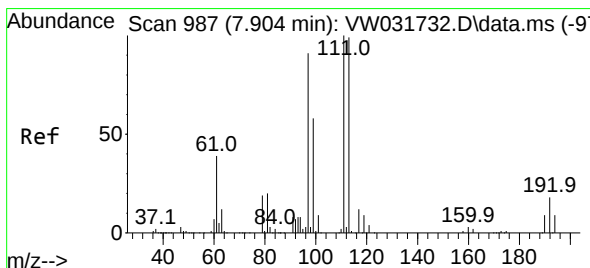
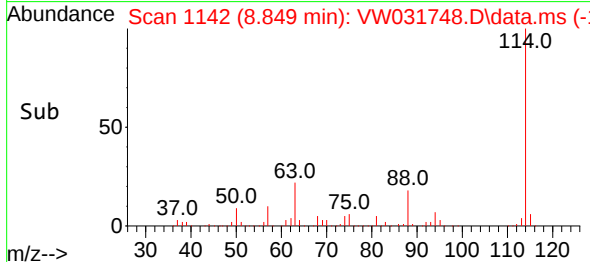
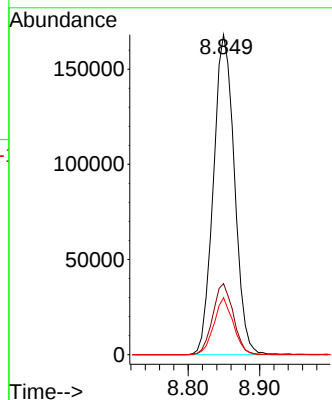
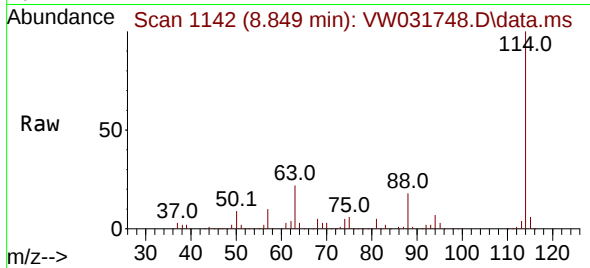




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

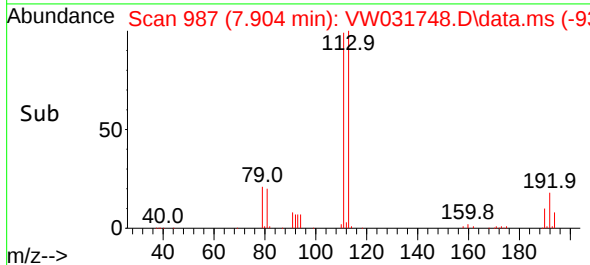
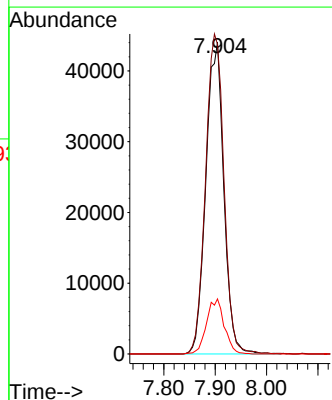
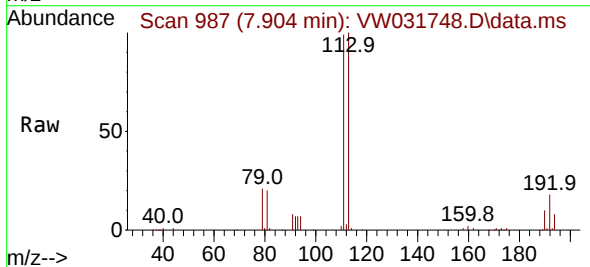
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

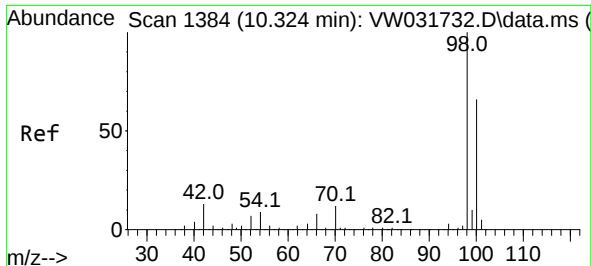
Tgt Ion:114 Resp: 343025
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 17.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion:113 Resp: 106614
Ion Ratio Lower Upper
113 100
111 105.4 82.1 123.1
192 17.5 13.8 20.6

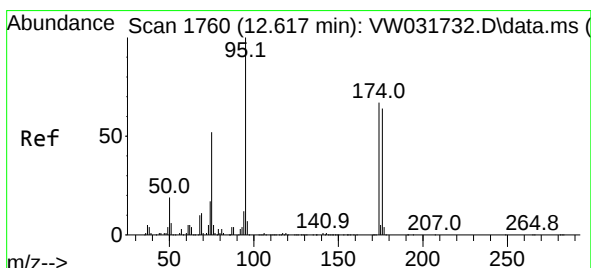
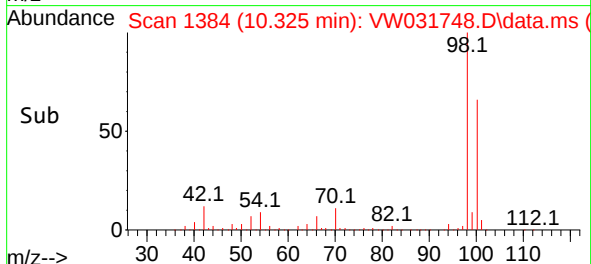
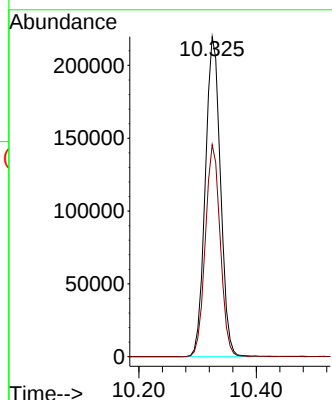
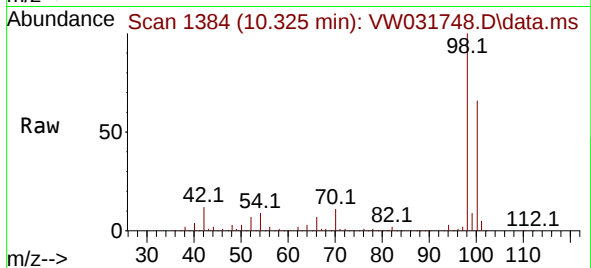




#50
Toluene-d8
Concen: 47.315 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

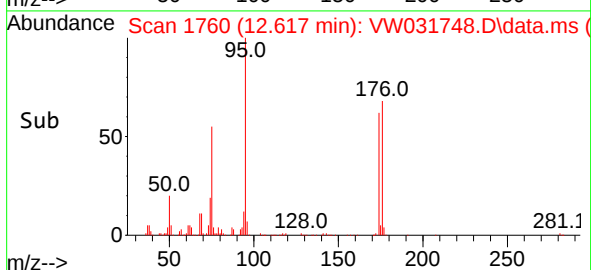
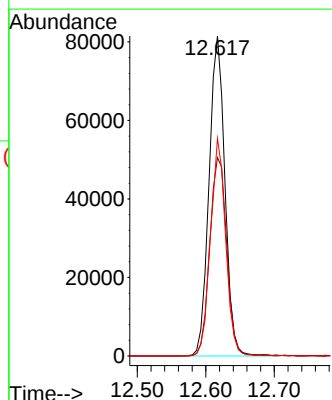
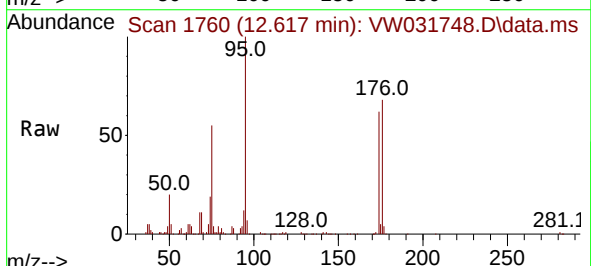
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

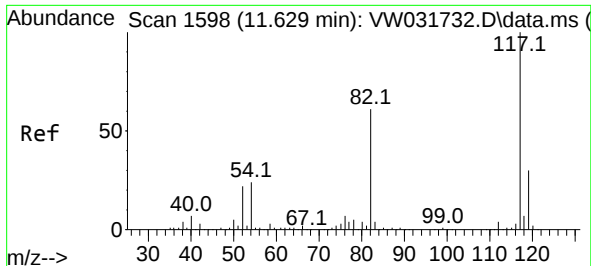
Tgt Ion: 98 Resp: 394130
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.798 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 95 Resp: 131193
Ion Ratio Lower Upper
95 100
174 66.2 0.0 133.8
176 65.3 0.0 126.0

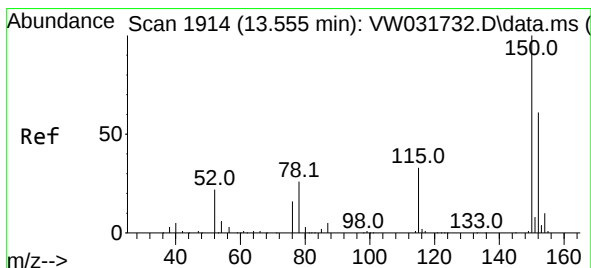
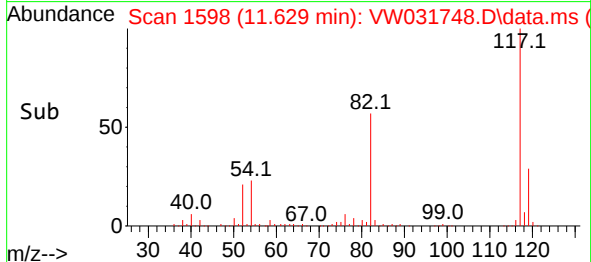
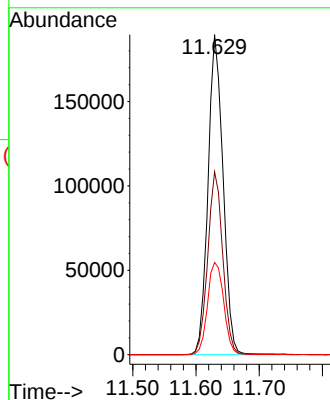
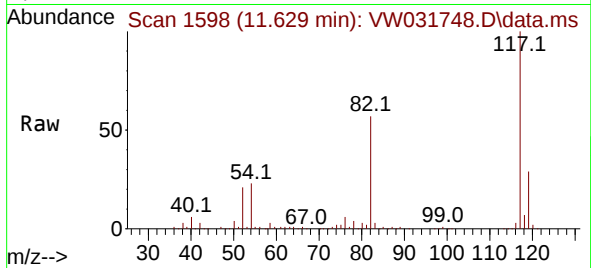




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

Tgt Ion:117 Resp: 313111
Ion Ratio Lower Upper
117 100
82 57.2 48.6 72.8
119 28.8 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: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion:152 Resp: 137688
Ion Ratio Lower Upper
152 100
115 65.1 31.9 95.7
150 157.7 0.0 356.4

