

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071525\
 Data File : VW031856.D
 Acq On : 15 Jul 2025 11:52
 Operator : SY/MD
 Sample : VW0715SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0715SBL01

Quant Time: Jul 16 01:22:21 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	7.959	168	188746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	372222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	345933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138137	50.997	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	102.000%
35) Dibromofluoromethane	7.898	113	115354	47.492	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.980%
50) Toluene-d8	10.325	98	403486	44.639	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.617	95	152078	45.719	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	91.440%

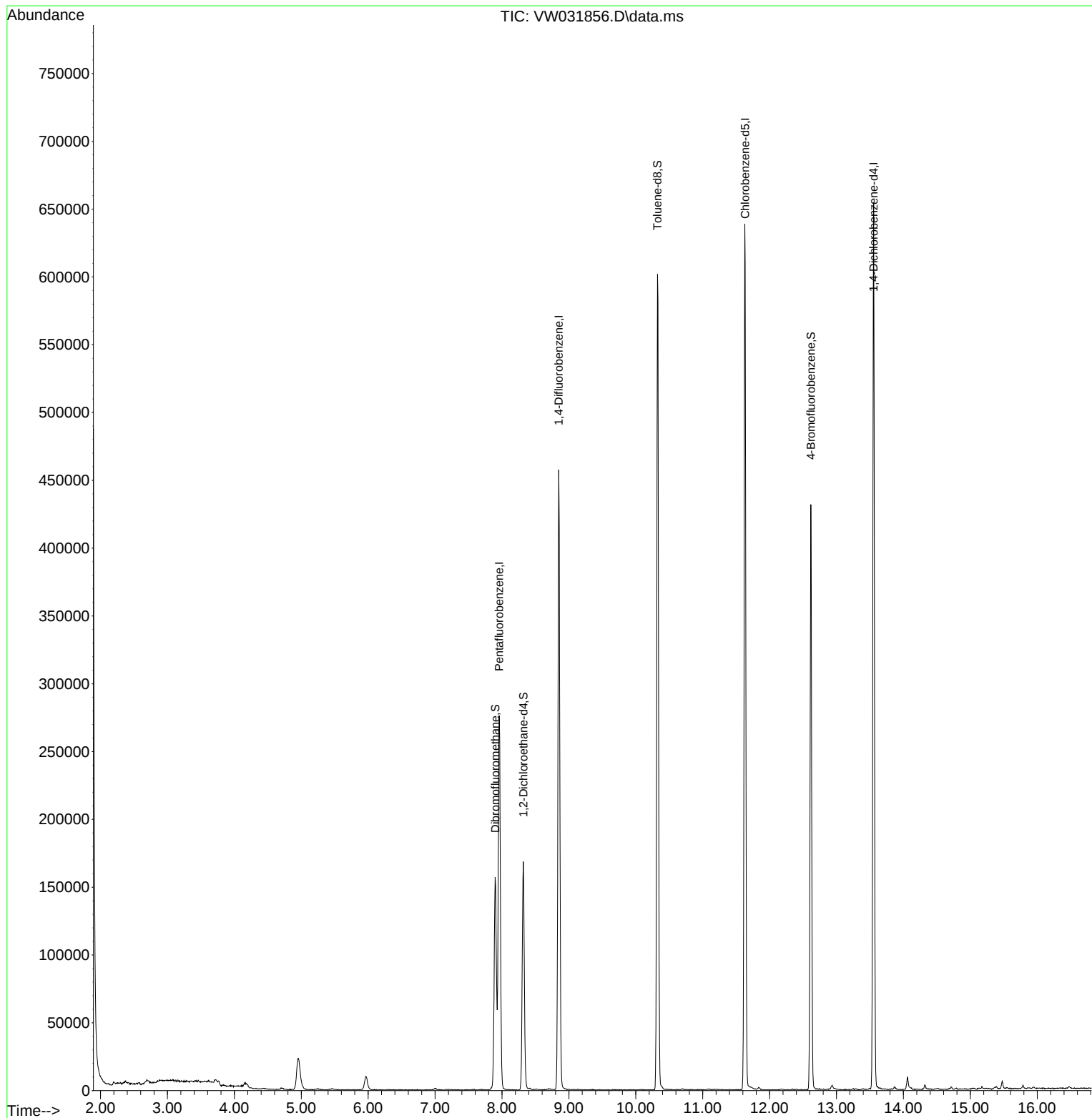
Target Compounds	Qvalue

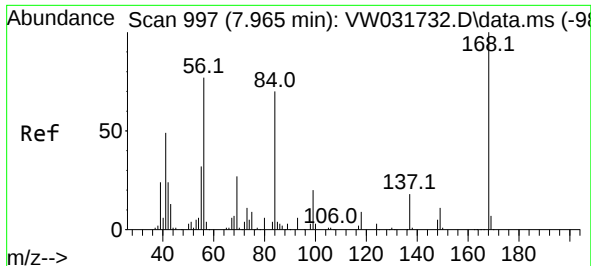
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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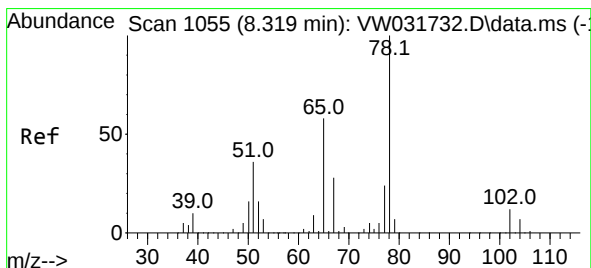
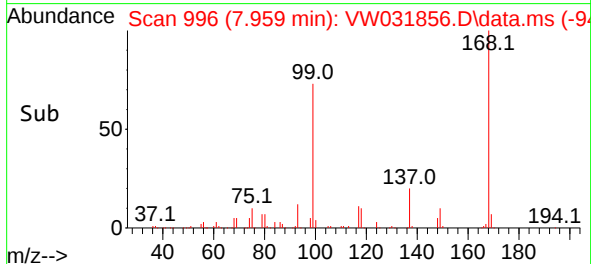
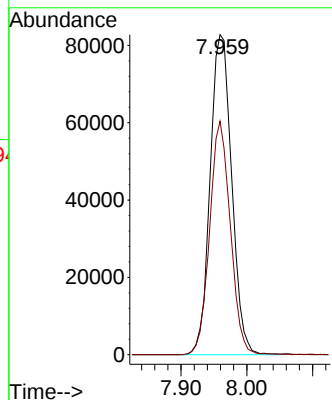
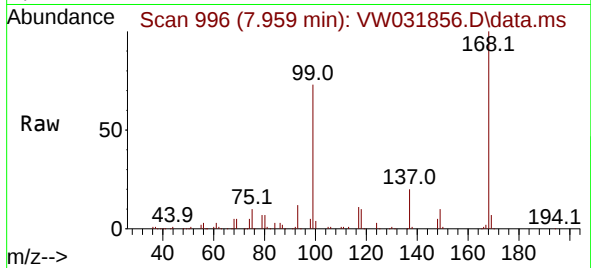




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

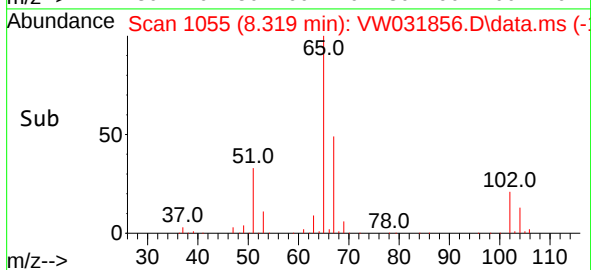
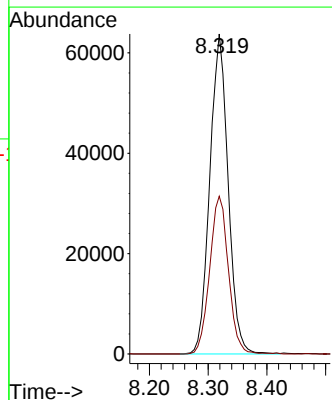
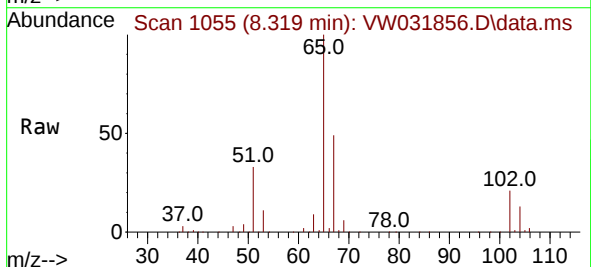
Instrument :
MSVOA_W
ClientSampleId :
VW0715SBL01

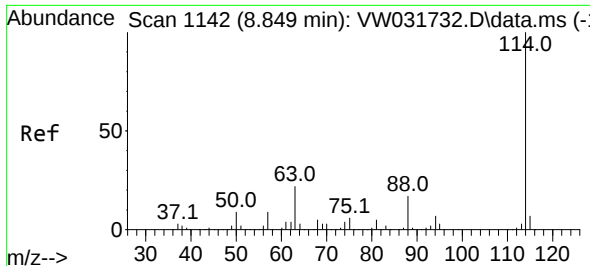
Tgt Ion:168 Resp: 188746
Ion Ratio Lower Upper
168 100
99 72.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 50.997 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

Tgt Ion: 65 Resp: 138137
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4

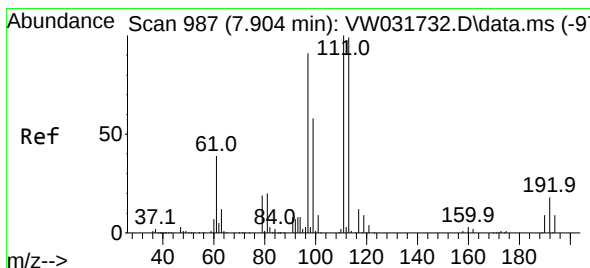
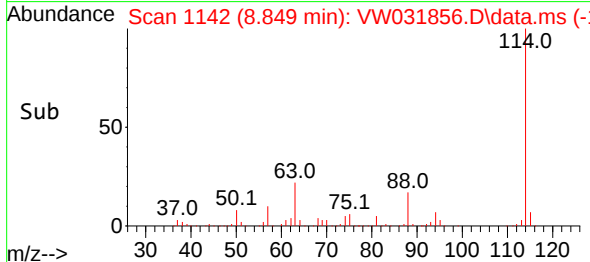
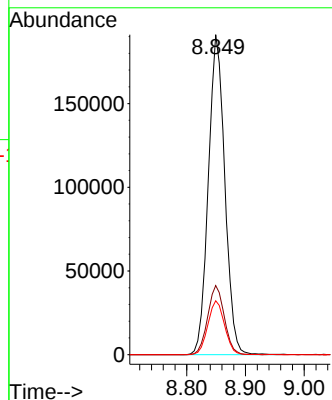
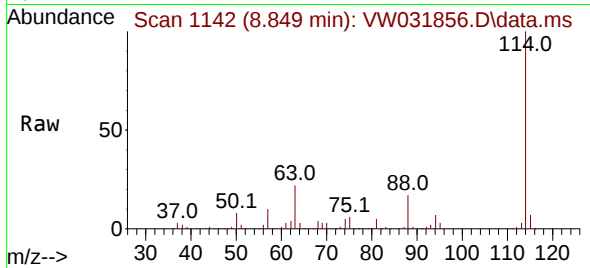




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

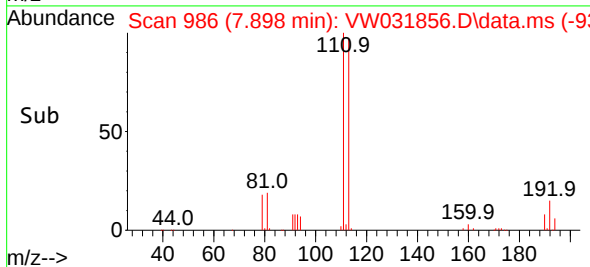
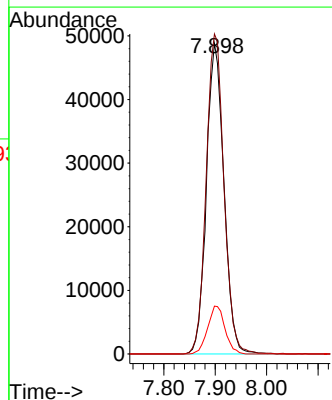
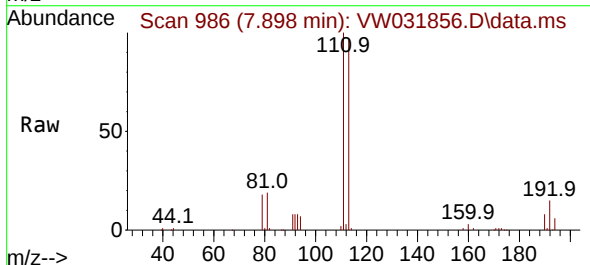
Instrument :
MSVOA_W
ClientSampleId :
VW0715SBL01

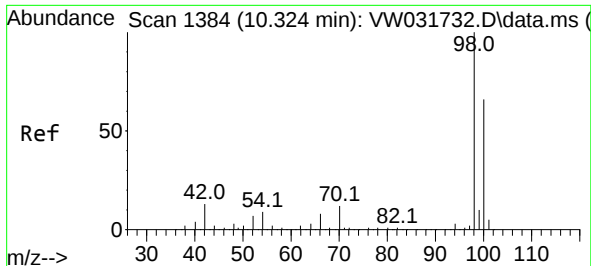
Tgt Ion:114 Resp: 372222
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.492 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

Tgt Ion:113 Resp: 115354
Ion Ratio Lower Upper
113 100
111 104.5 82.1 123.1
192 15.3 13.8 20.6

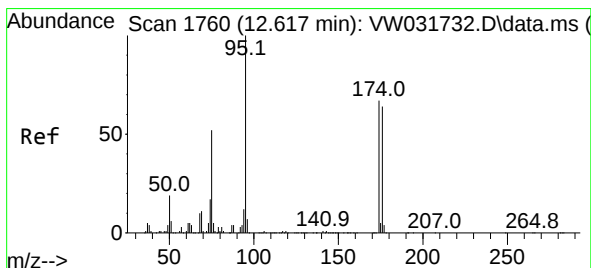
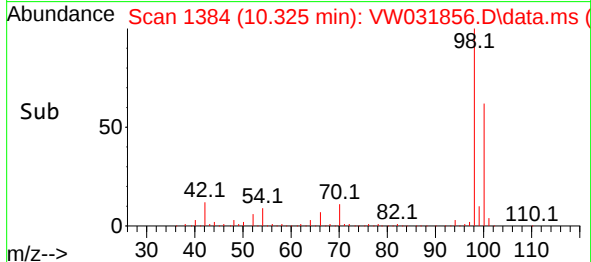
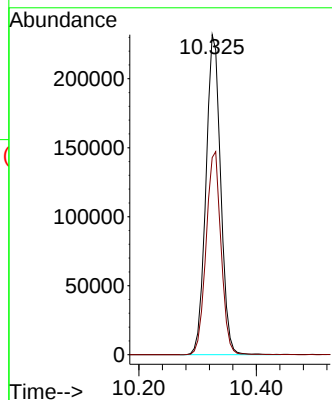
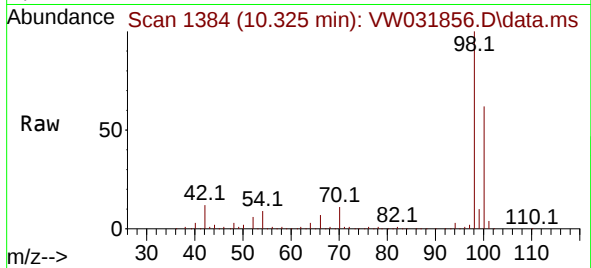




#50
Toluene-d8
Concen: 44.639 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

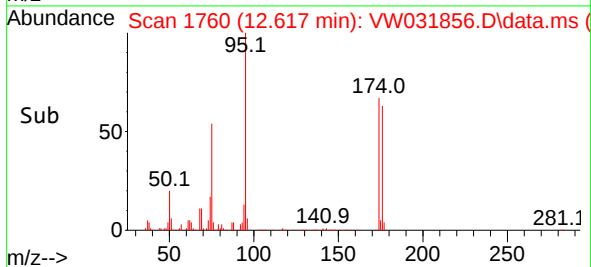
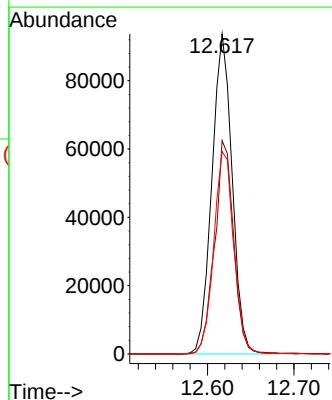
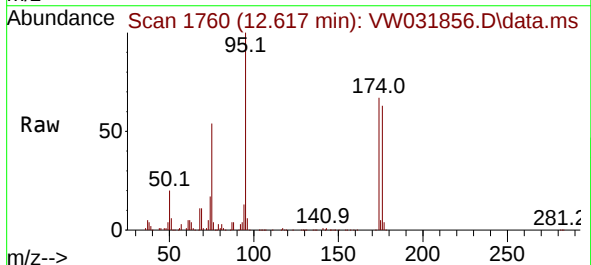
Instrument :
MSVOA_W
ClientSampleId :
VW0715SBL01

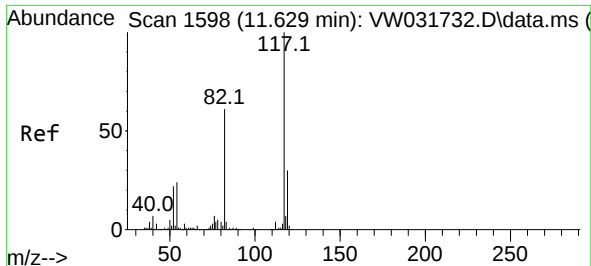
Tgt Ion: 98 Resp: 403486
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.719 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

Tgt Ion: 95 Resp: 152078
Ion Ratio Lower Upper
95 100
174 63.1 0.0 133.8
176 62.6 0.0 126.0

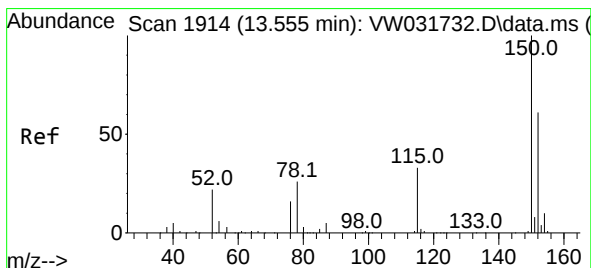
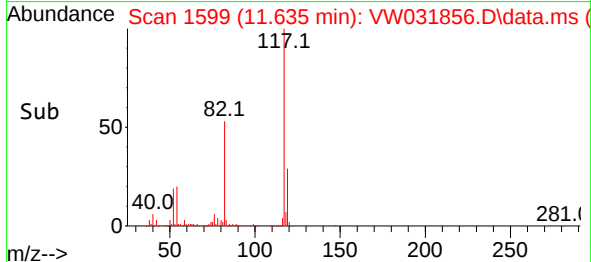
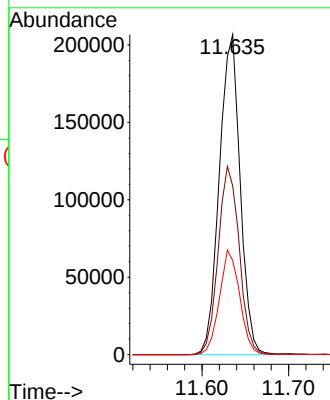
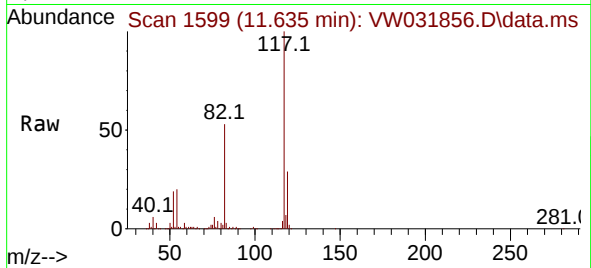




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VW031856.D
Acq: 15 Jul 2025 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0715SBL01

Tgt Ion:117 Resp: 345933
Ion Ratio Lower Upper
117 100
82 52.8 48.6 72.8
119 29.5 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: VW031856.D
Acq: 15 Jul 2025 11:52

Tgt Ion:152 Resp: 160941
Ion Ratio Lower Upper
152 100
115 65.4 31.9 95.7
150 157.6 0.0 356.4

