

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085737.D
 Acq On : 11 Feb 2025 11:53
 Operator : JC\MD
 Sample : VN0211WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBL01

Quant Time: Feb 11 23:15:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	213433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	391202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	340384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	170771	49.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.159	113	142670	52.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	10.565	98	480003	49.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.847	95	148954	45.158	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.320%

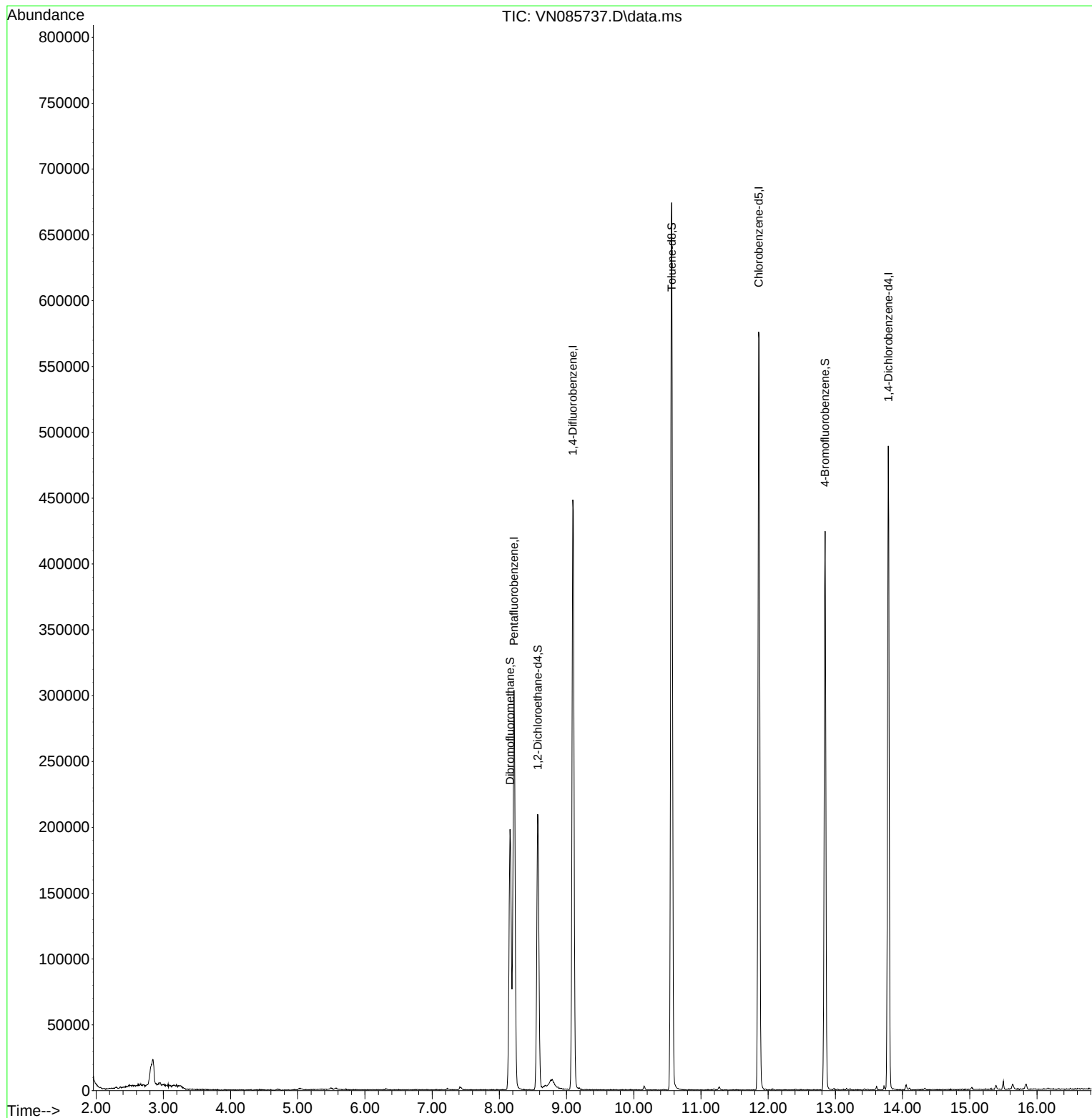
Target Compounds	Qvalue

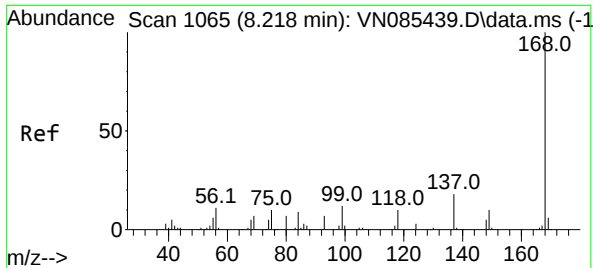
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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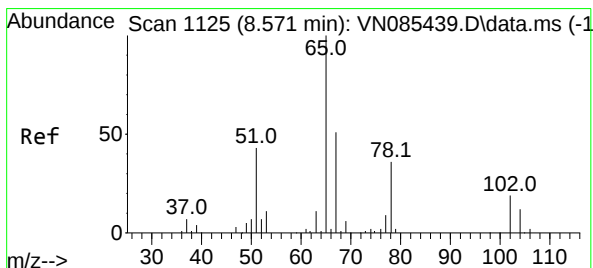
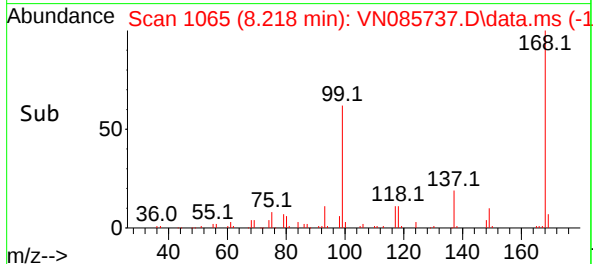
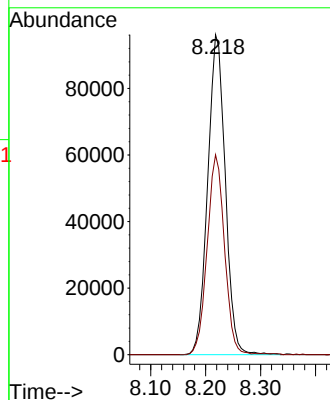
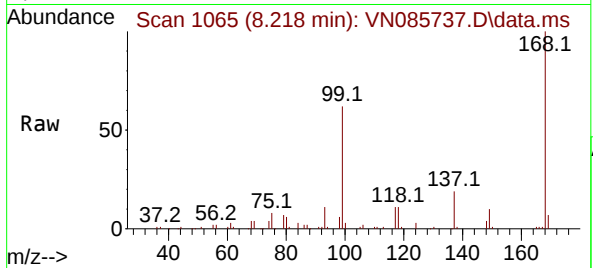




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

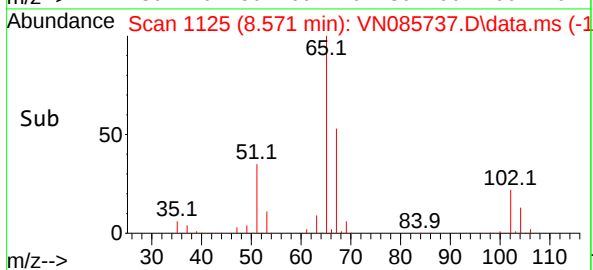
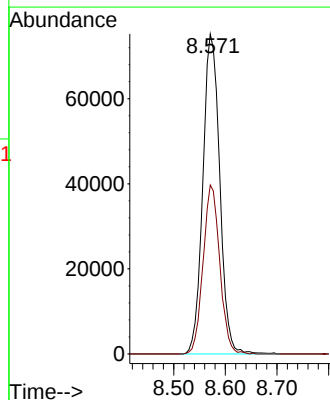
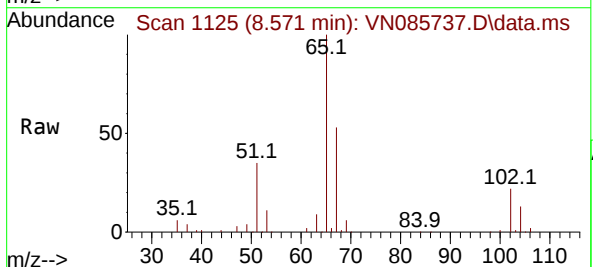
Instrument :
MSVOA_N
ClientSampleId :
VN0211WBL01

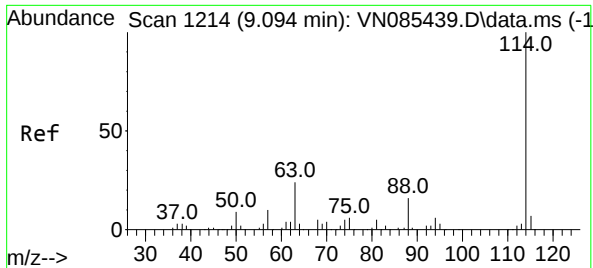
Tgt Ion:168 Resp: 213433
Ion Ratio Lower Upper
168 100
99 62.5 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 49.567 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

Tgt Ion: 65 Resp: 170771
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.6

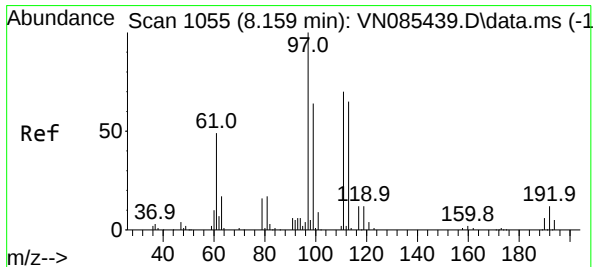
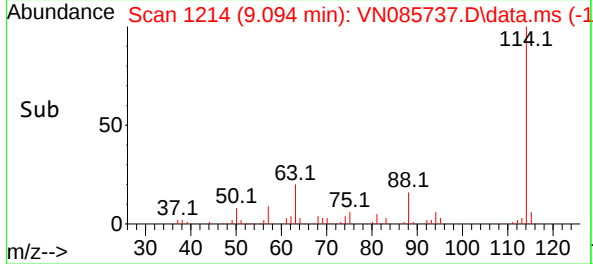
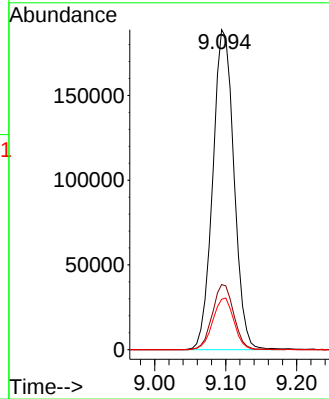
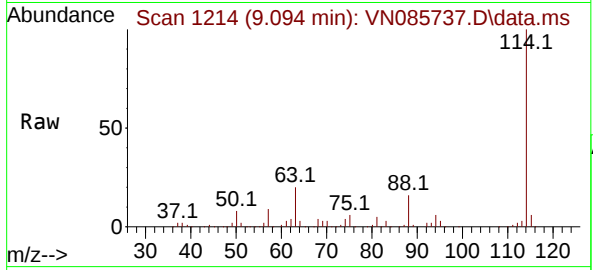




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

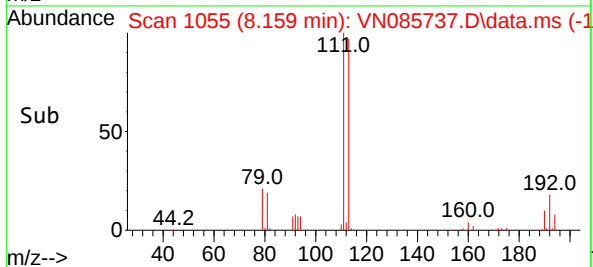
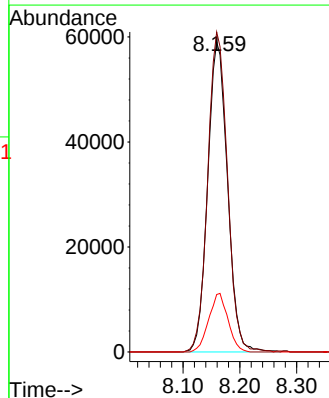
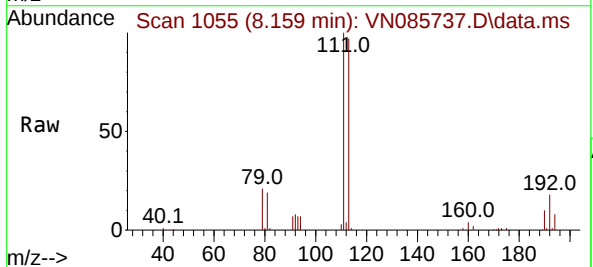
Instrument :
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VN0211WBL01

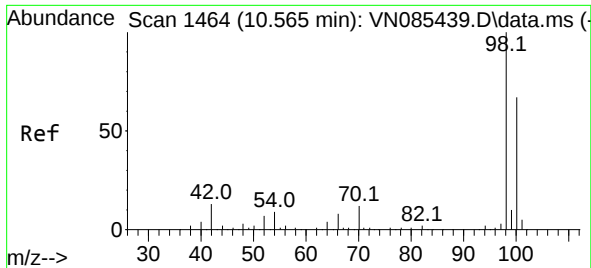
Tgt Ion:114 Resp: 391202
Ion Ratio Lower Upper
114 100
63 20.3 0.0 47.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.569 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

Tgt Ion:113 Resp: 142670
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 18.4 14.3 21.5

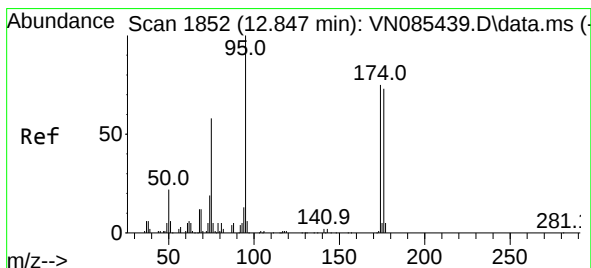
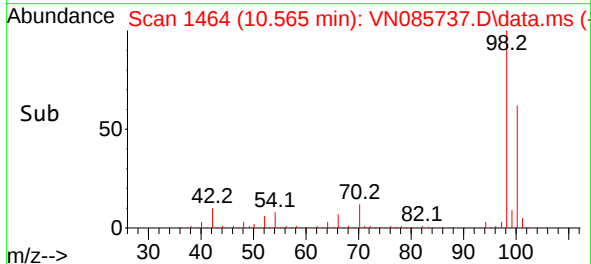
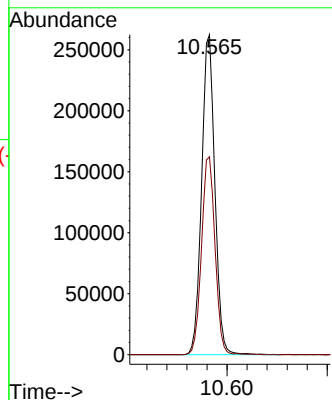
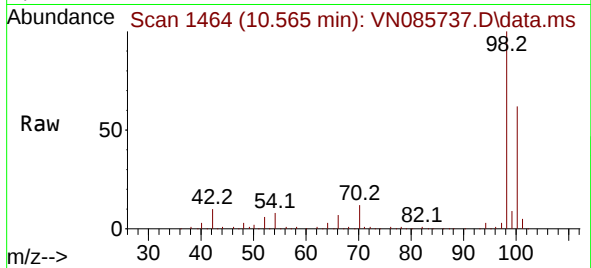




#50
Toluene-d8
Concen: 49.779 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

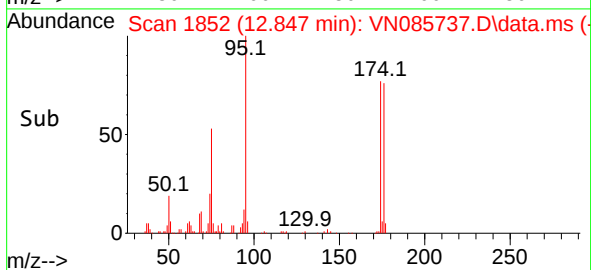
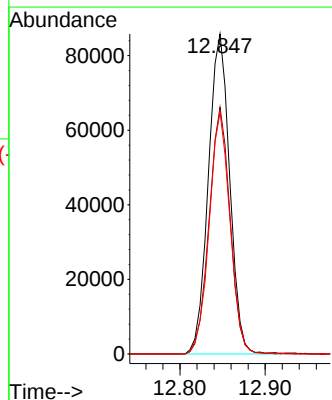
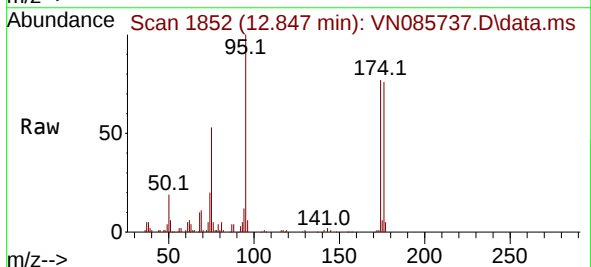
Instrument :
MSVOA_N
ClientSampleId :
VN0211WBL01

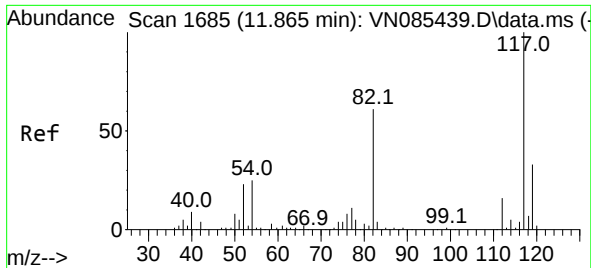
Tgt Ion: 98 Resp: 480003
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

Tgt Ion: 95 Resp: 148954
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 73.7 0.0 142.4

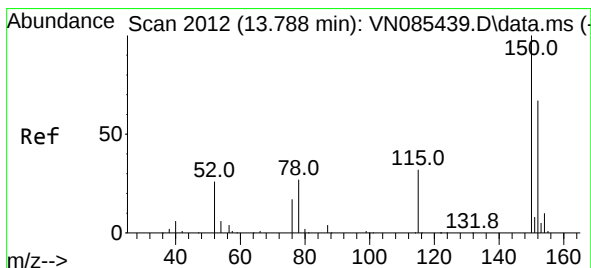
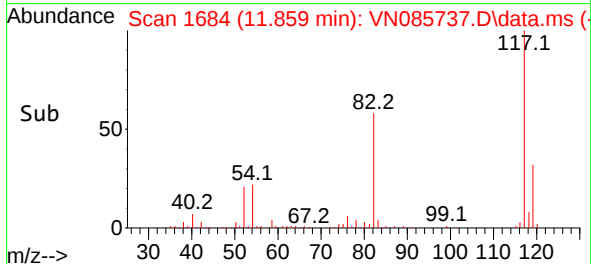
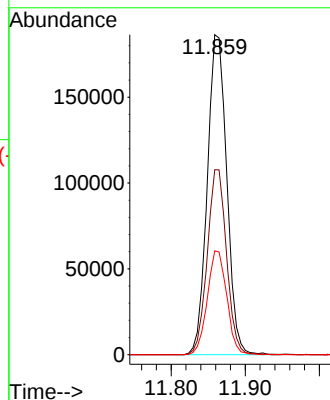
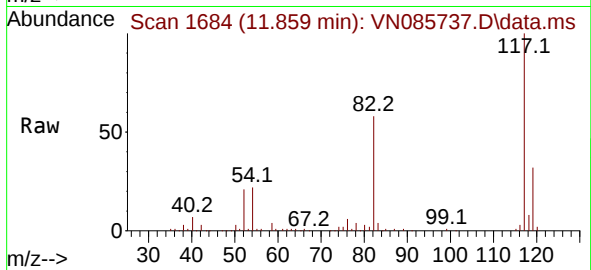




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBL01

Tgt Ion:117 Resp: 340384
Ion Ratio Lower Upper
117 100
82 57.8 48.6 72.8
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085737.D
Acq: 11 Feb 2025 11:53

Tgt Ion:152 Resp: 133336
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.3
150 156.9 0.0 343.6

