

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081958.D
 Acq On : 01 May 2024 15:51
 Operator : JC\MD
 Sample : P2306-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-20240429

Quant Time: May 02 01:42:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	322824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143203	46.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.240%
35) Dibromofluoromethane	8.165	113	106361	48.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	10.565	98	448963	51.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.847	95	153696	44.715	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.440%

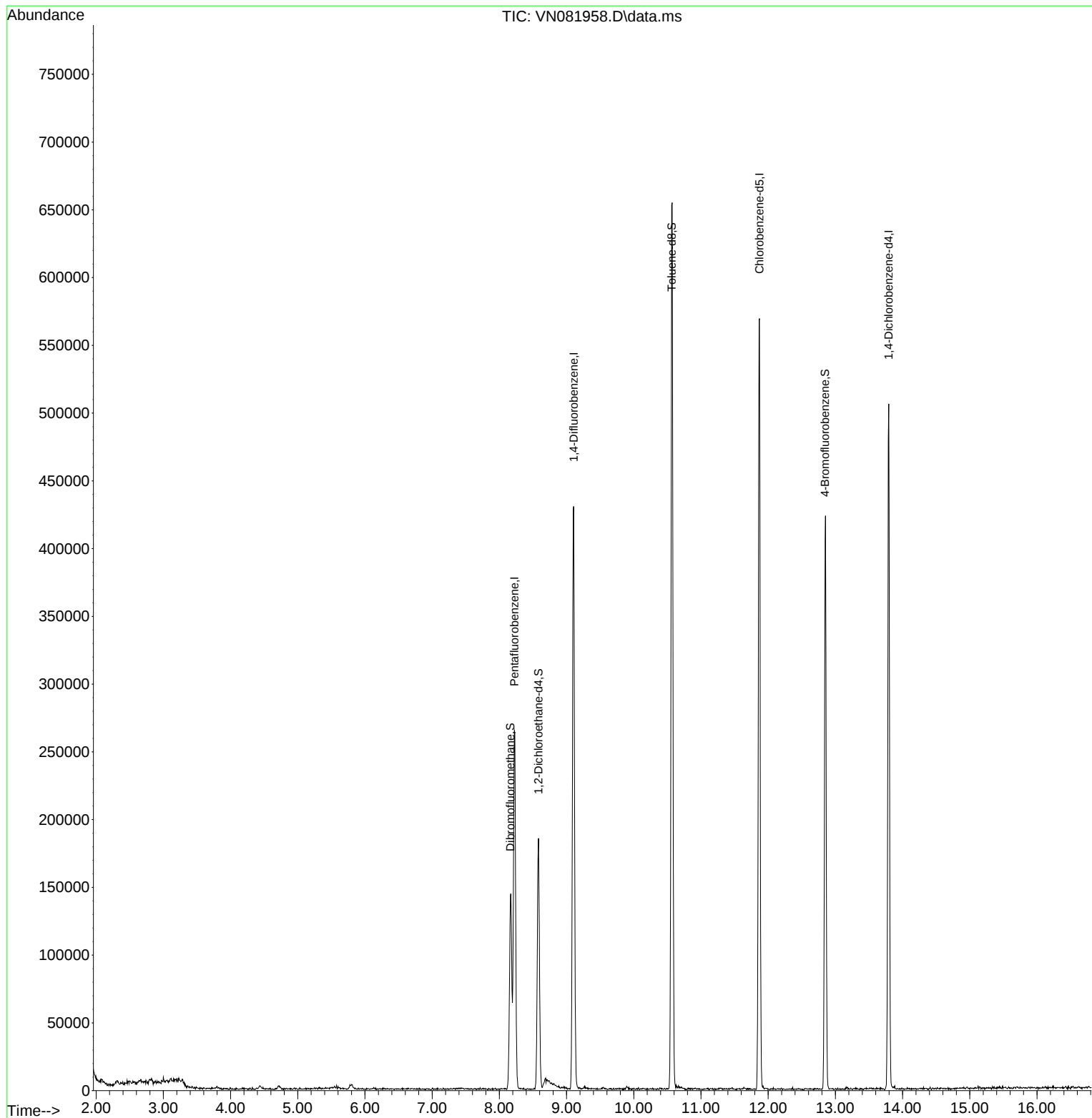
Target Compounds	Qvalue

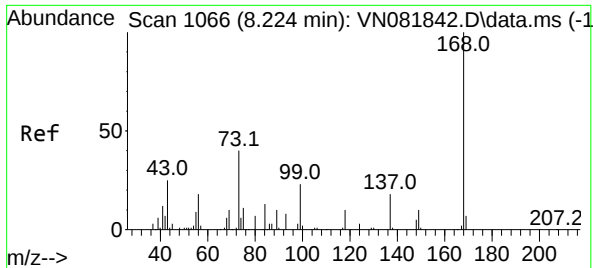
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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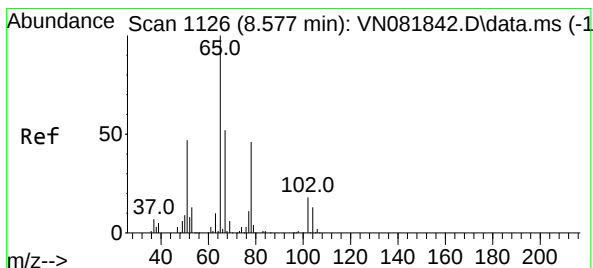
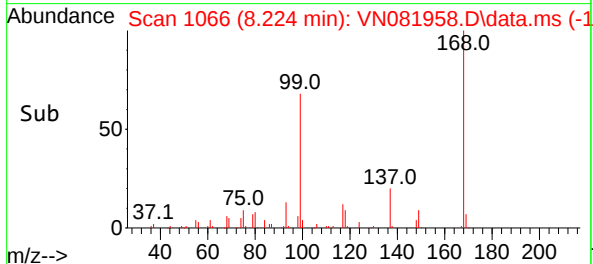
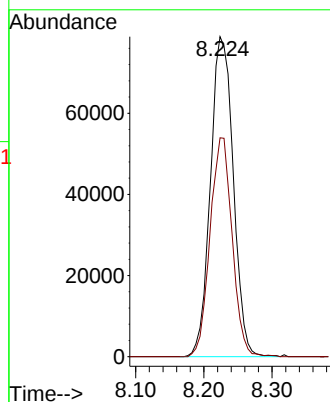
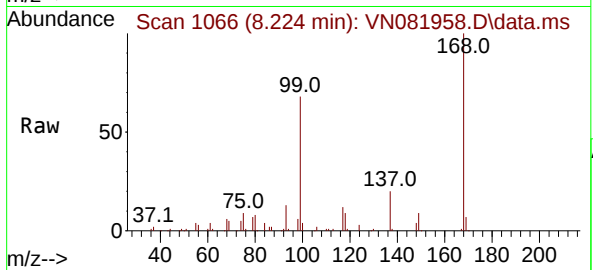




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

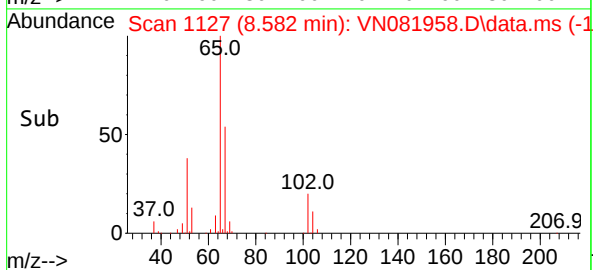
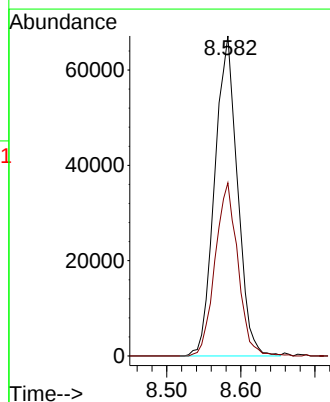
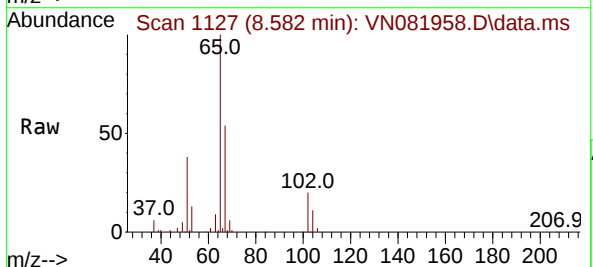
Instrument :
MSVOA_N
ClientSampleId :
MW-3-20240429

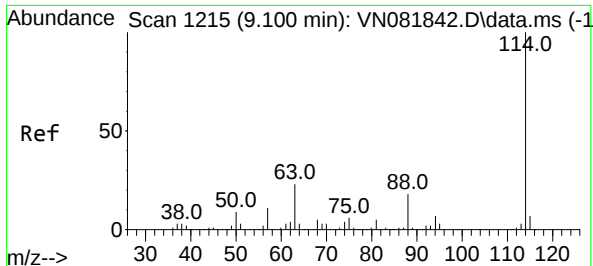
Tgt Ion:168 Resp: 183972
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 46.121 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion: 65 Resp: 143203
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

MW-3-20240429

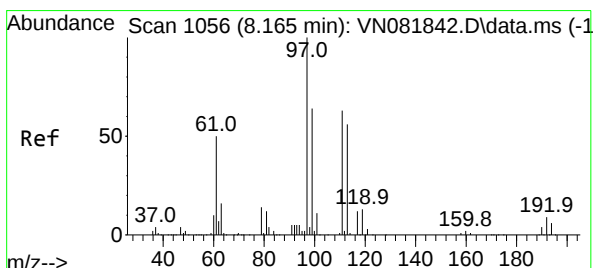
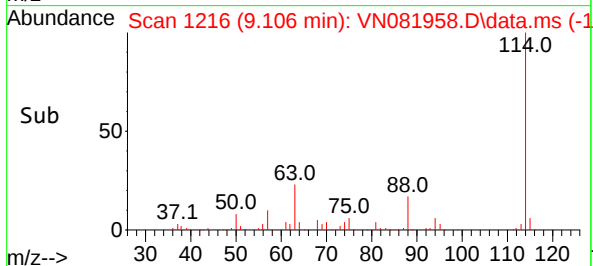
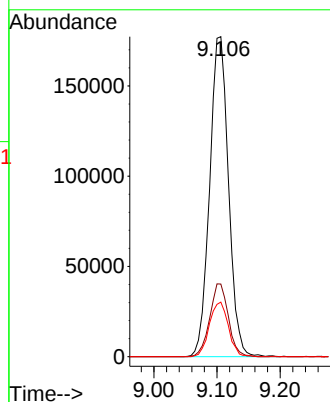
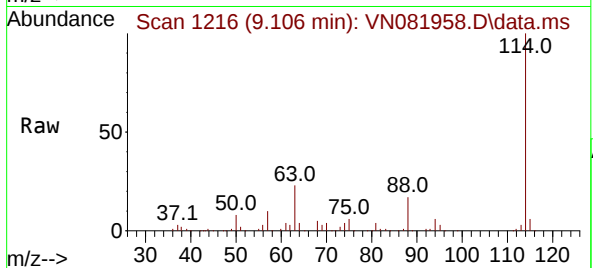
Tgt Ion:114 Resp: 367711

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.042 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

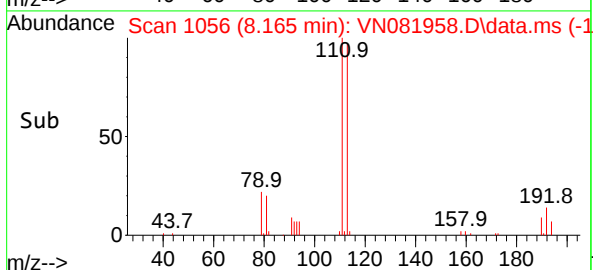
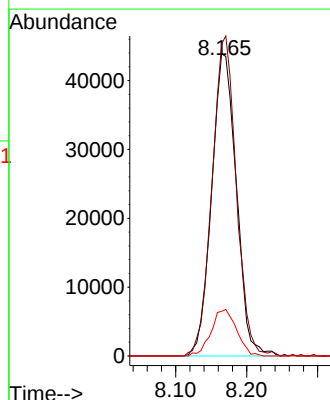
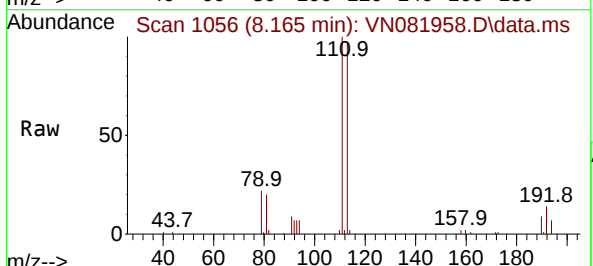
Tgt Ion:113 Resp: 106361

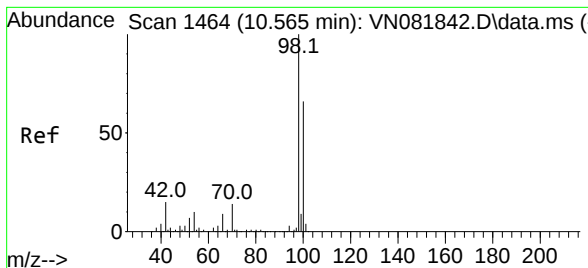
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 15.8 14.0 21.0





#50

Toluene-d8

Concen: 51.634 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

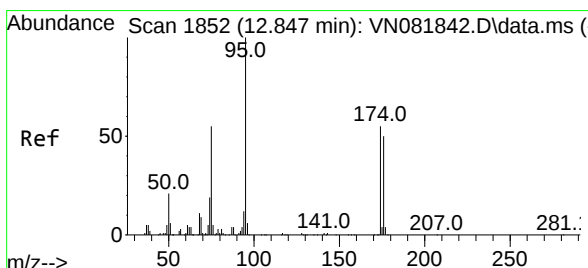
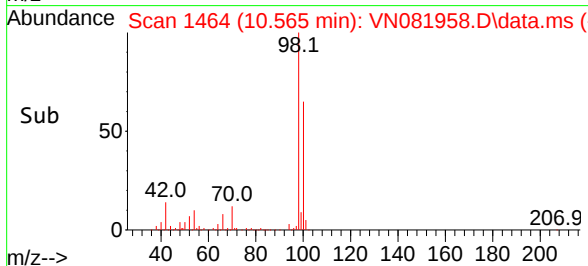
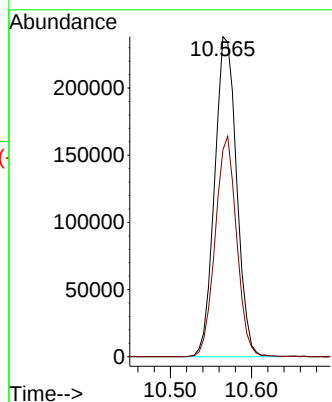
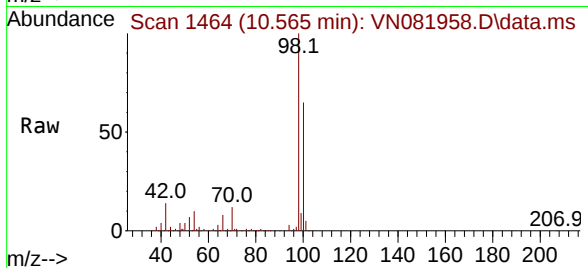
MW-3-20240429

Tgt Ion: 98 Resp: 448963

Ion Ratio Lower Upper

98 100

100 67.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 44.715 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

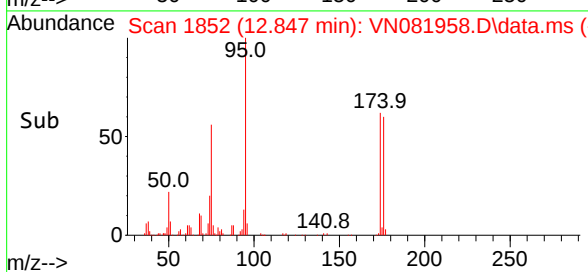
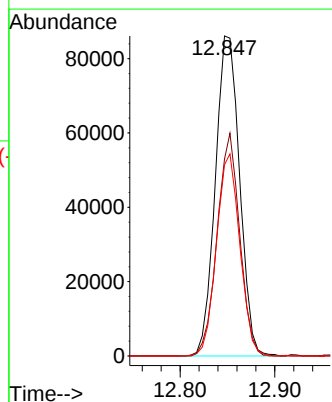
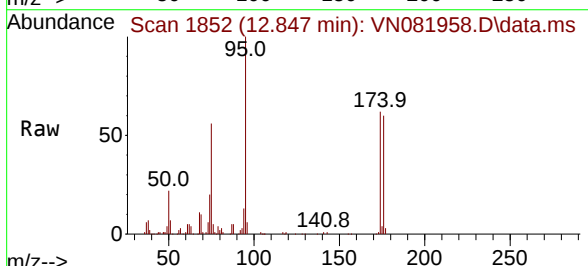
Tgt Ion: 95 Resp: 153696

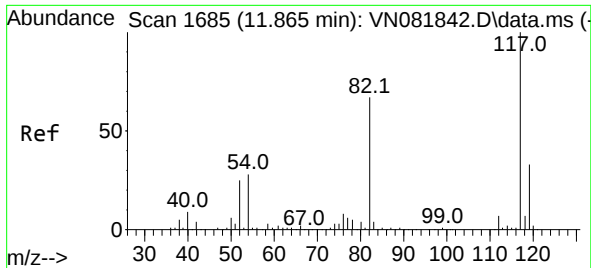
Ion Ratio Lower Upper

95 100

174 64.4 0.0 160.6

176 60.6 0.0 152.8

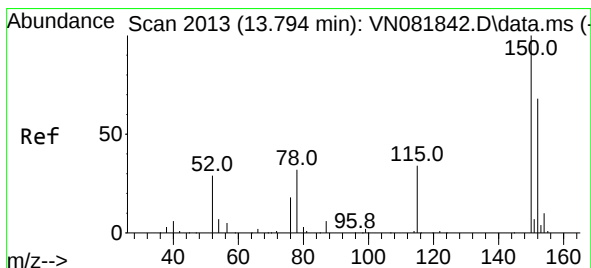
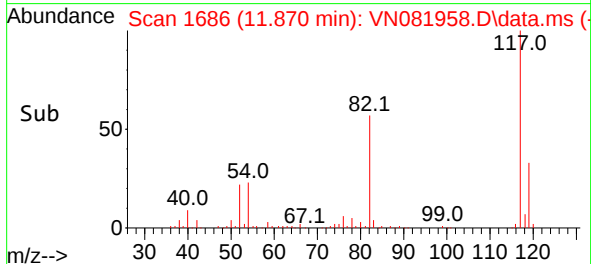
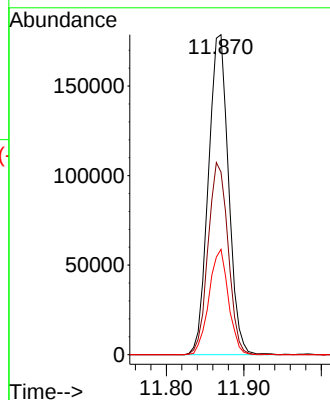
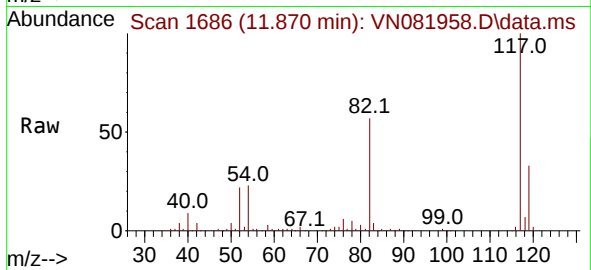




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :
MW-3-20240429

Tgt Ion:117 Resp: 322824
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion:152 Resp: 126268
Ion Ratio Lower Upper
152 100
115 65.3 30.4 91.3
150 156.5 0.0 353.2

