

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081955.D
 Acq On : 01 May 2024 14:38
 Operator : JC\MD
 Sample : P2306-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20240429-A

Quant Time: May 02 01:37:45 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	193350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148382	45.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.165	113	112285	48.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.565	98	469702	52.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.853	95	158529	44.446	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.900%

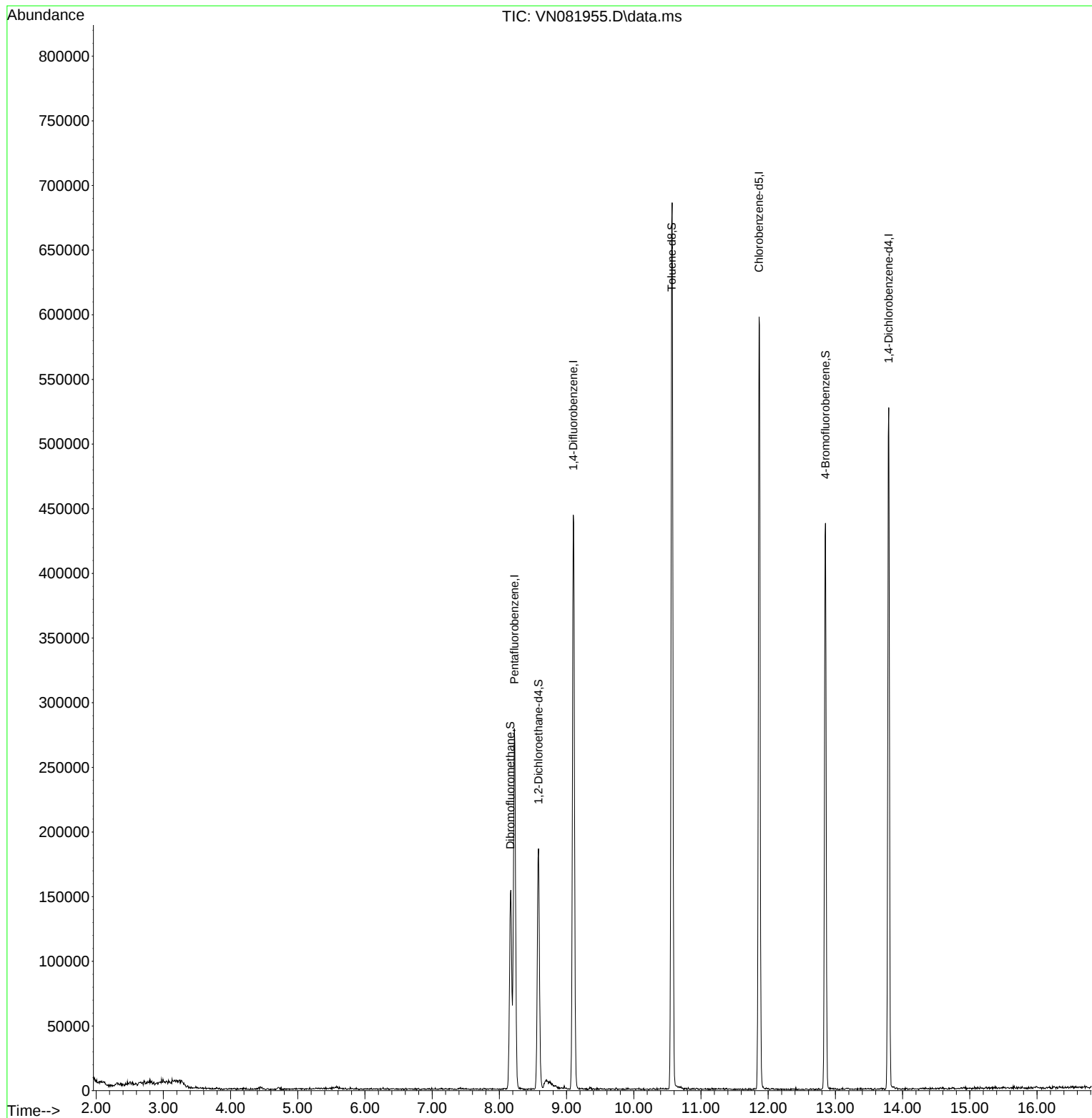
Target Compounds	Qvalue

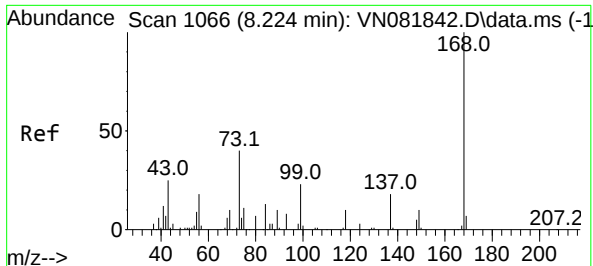
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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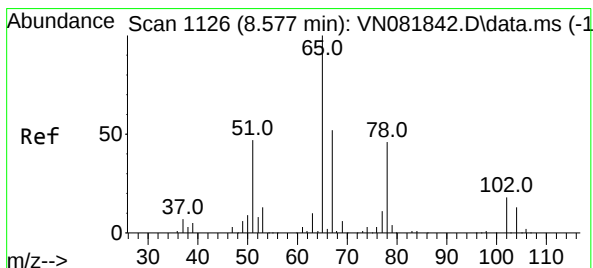
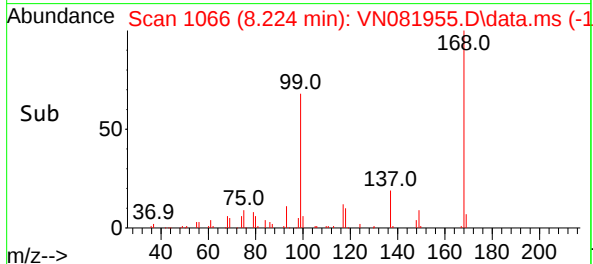
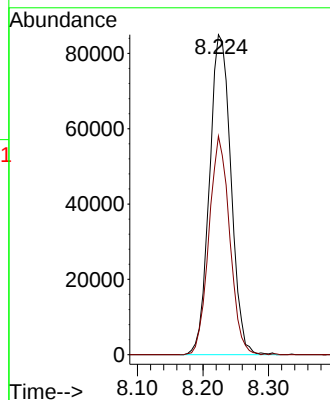
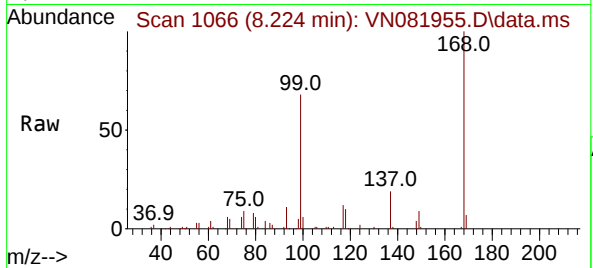




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

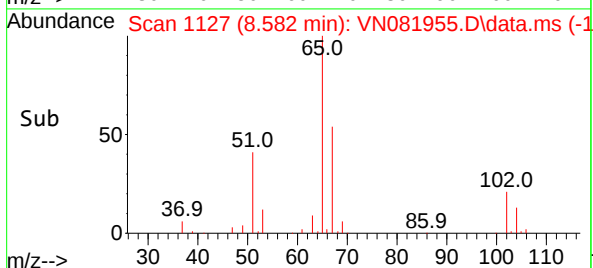
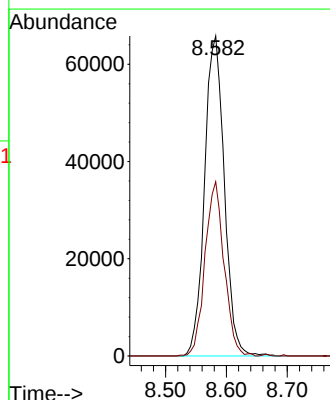
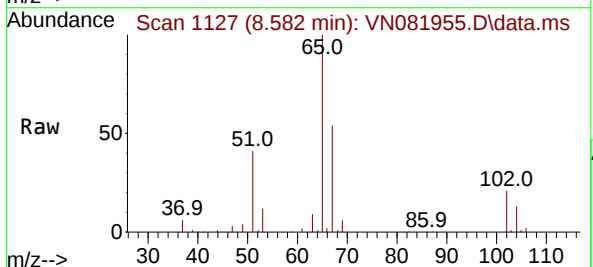
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429-A

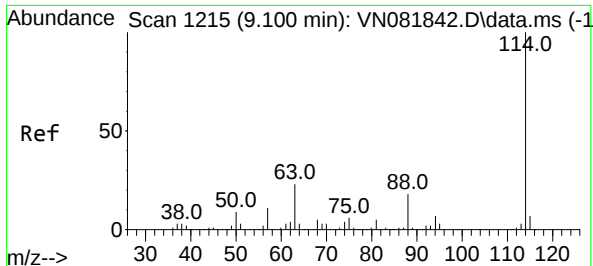
Tgt Ion:168 Resp: 193350
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.471 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion: 65 Resp: 148382
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081955.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20240429-A

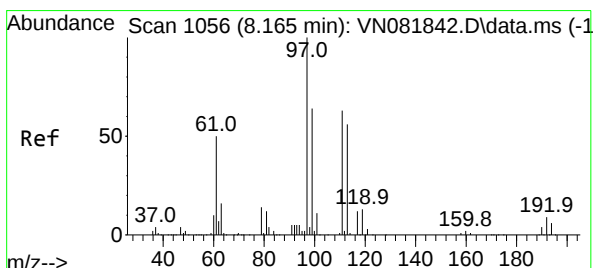
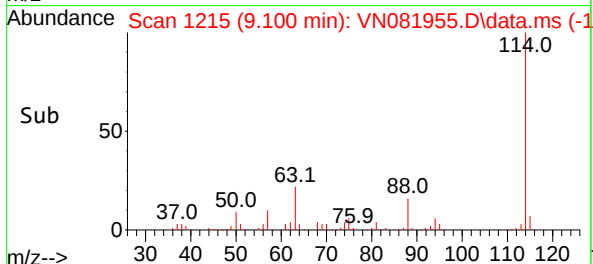
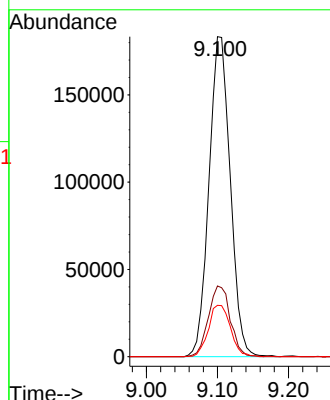
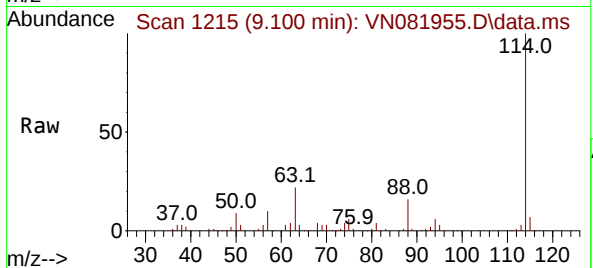
Tgt Ion:114 Resp: 381568

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.876 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081955.D

Acq: 01 May 2024 14:38

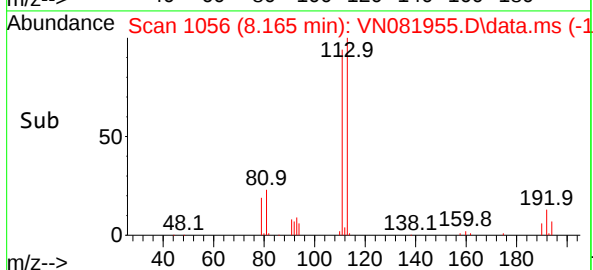
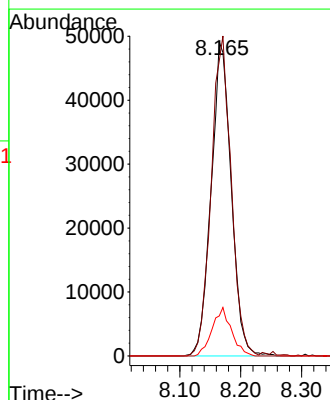
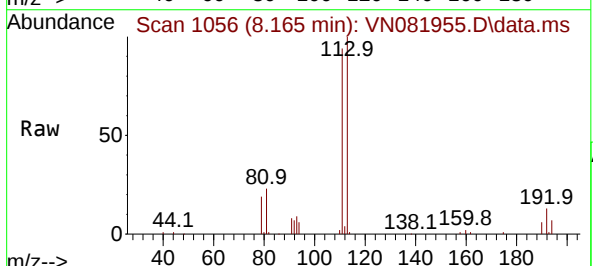
Tgt Ion:113 Resp: 112285

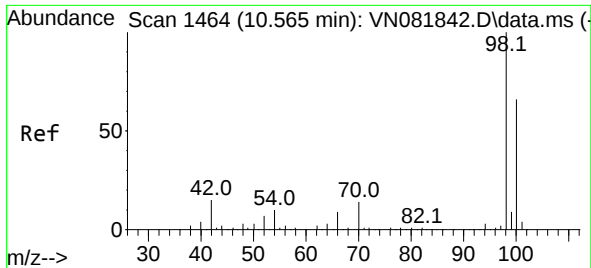
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 14.9 14.0 21.0

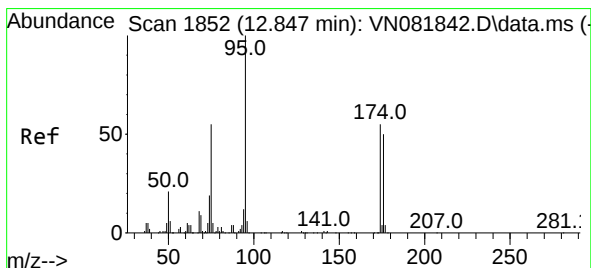
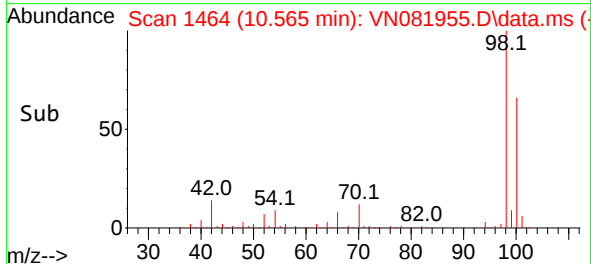
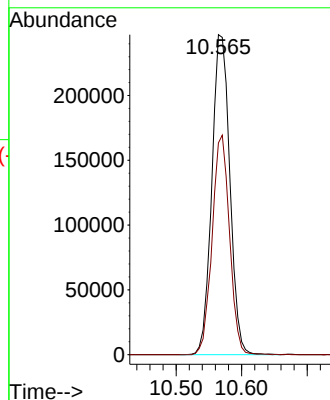
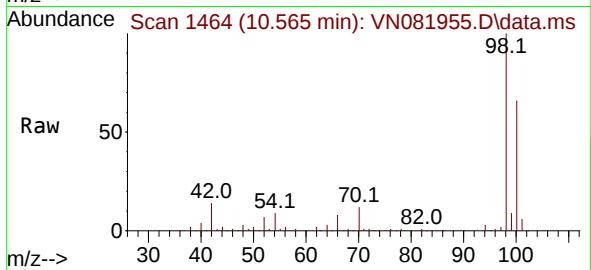




#50
Toluene-d8
Concen: 52.057 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

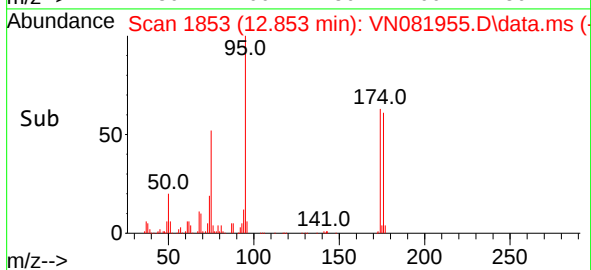
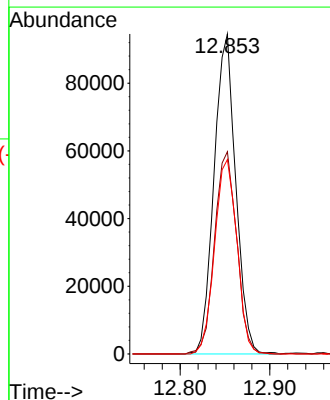
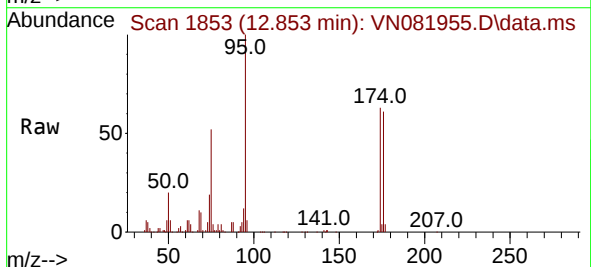
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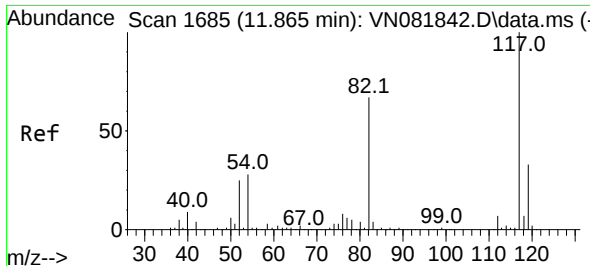
Tgt Ion: 98 Resp: 469702
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.446 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion: 95 Resp: 158529
Ion Ratio Lower Upper
95 100
174 64.3 0.0 160.6
176 62.5 0.0 152.8

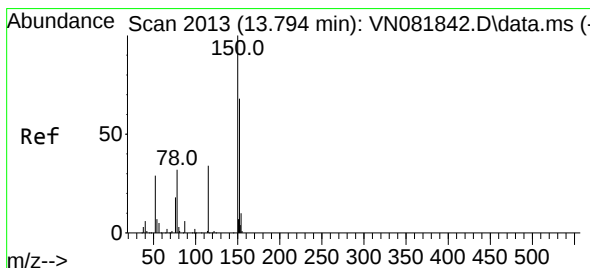
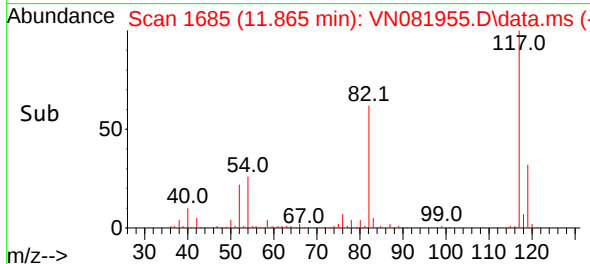
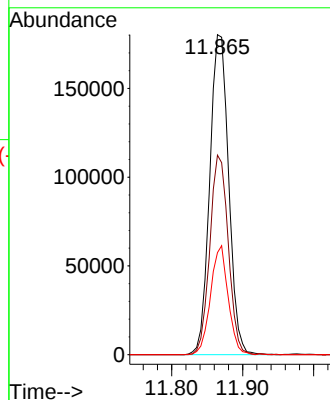
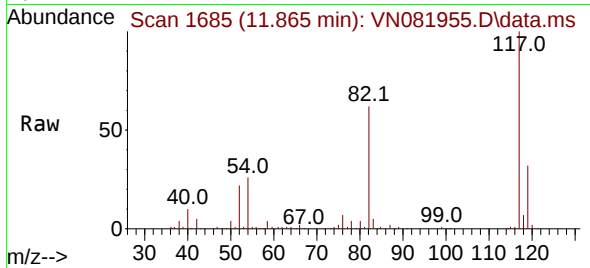




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081955.D
Acq: 01 May 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW-4-20240429-A

Tgt Ion:117 Resp: 333146
Ion Ratio Lower Upper
117 100
82 62.3 44.6 66.8
119 31.9 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: VN081955.D
Acq: 01 May 2024 14:38

Tgt Ion:152 Resp: 134570
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.3
150 155.6 0.0 353.2

