

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081957.D
 Acq On : 01 May 2024 15:26
 Operator : JC\MD
 Sample : P2306-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20240429

Quant Time: May 02 01:41:03 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)

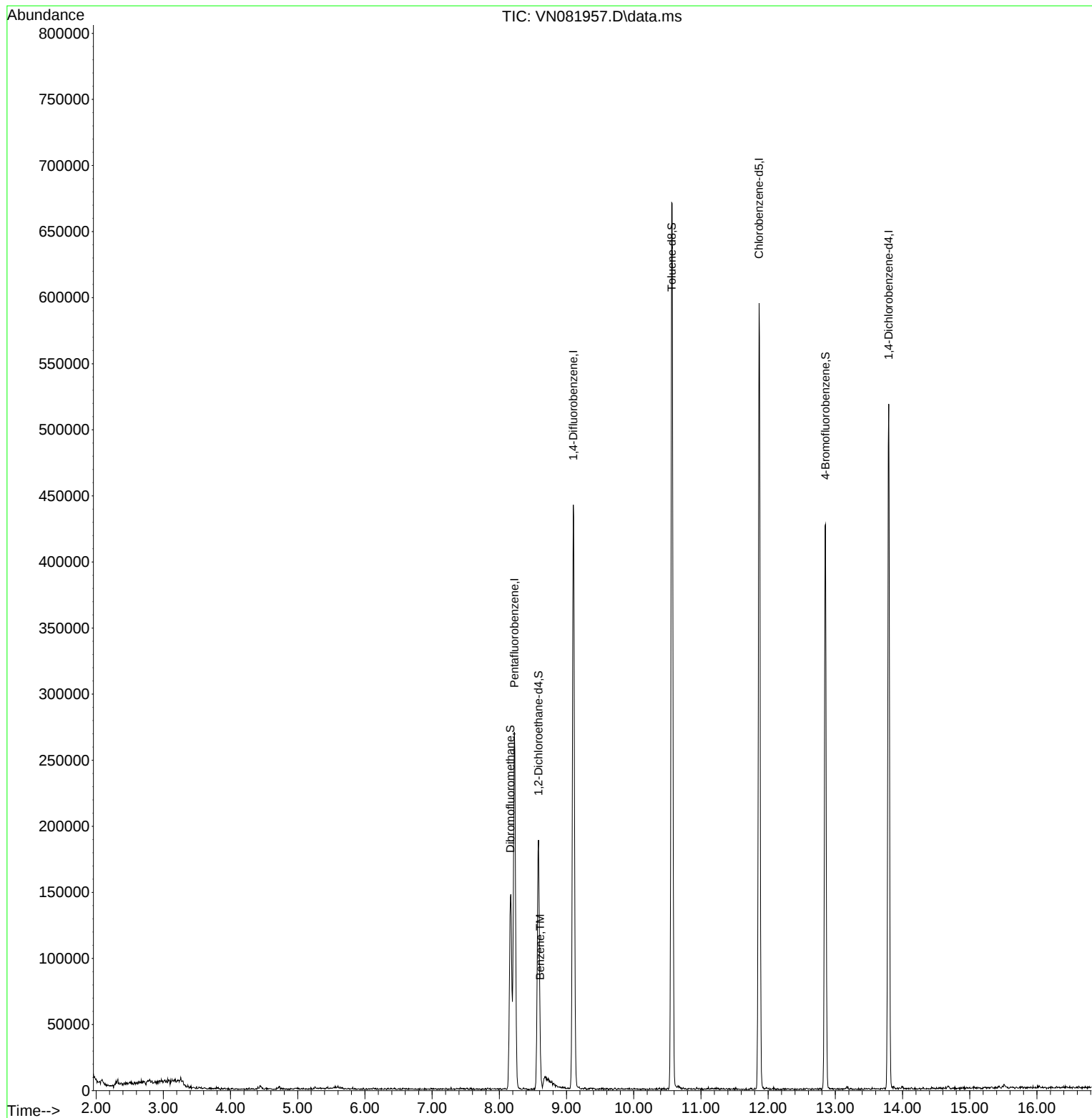
Internal Standards						
1) Pentafluorobenzene	8.224	168	184446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	148103	47.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.160%
35) Dibromofluoromethane	8.165	113	108579	47.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.565	98	468133	52.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.280%
62) 4-Bromofluorobenzene	12.853	95	154307	43.892	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.780%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	5419	0.490	ug/l	98

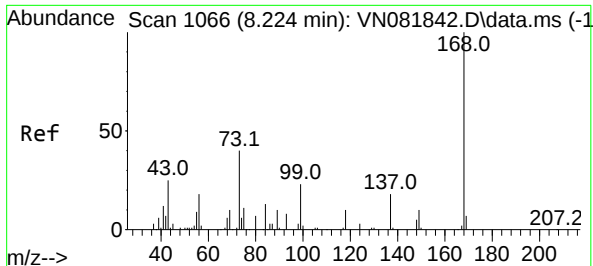
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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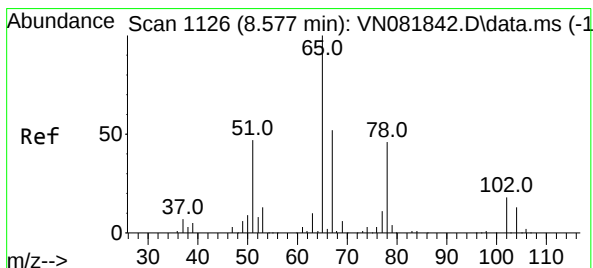
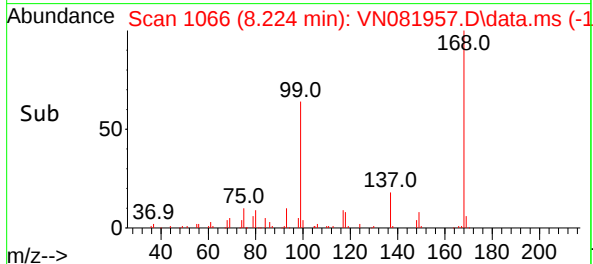
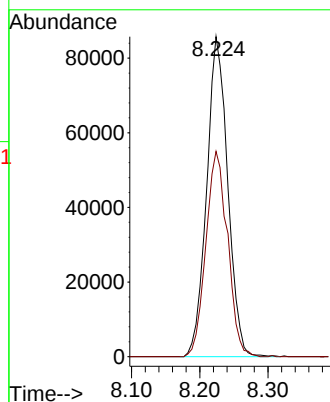
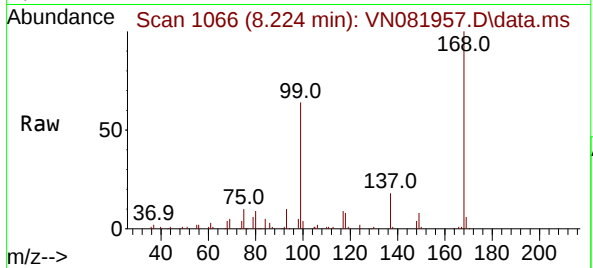




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

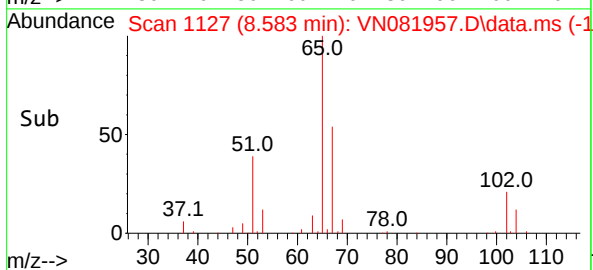
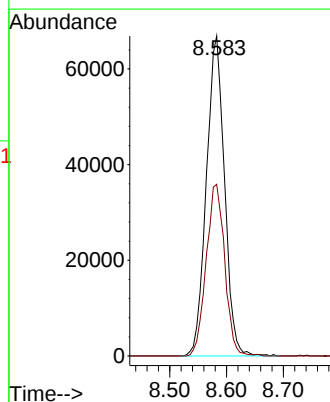
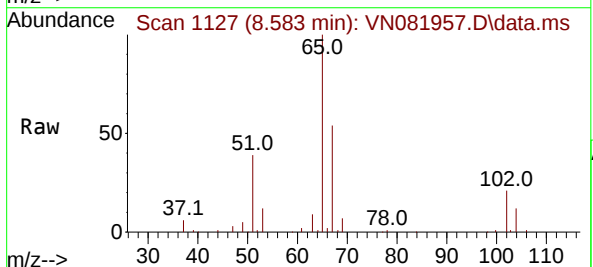
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20240429

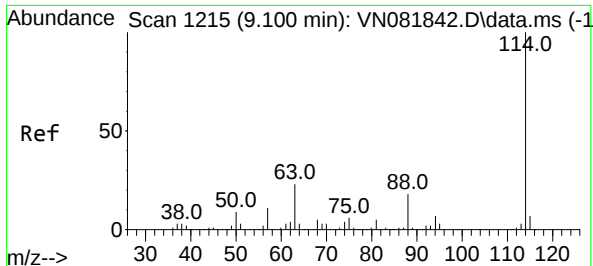
Tgt Ion:168 Resp: 184446
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 47.576 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

Tgt Ion: 65 Resp: 148103
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081957.D

Acq: 01 May 2024 15:26

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20240429

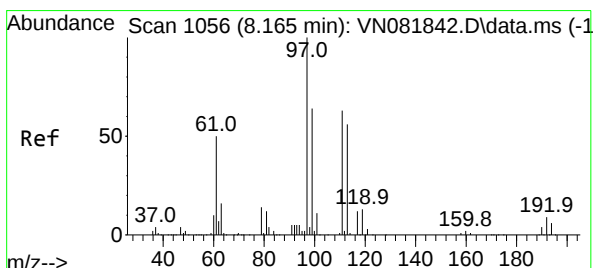
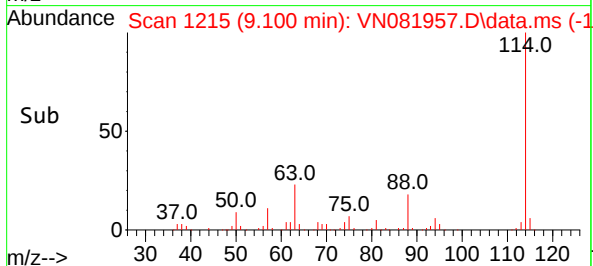
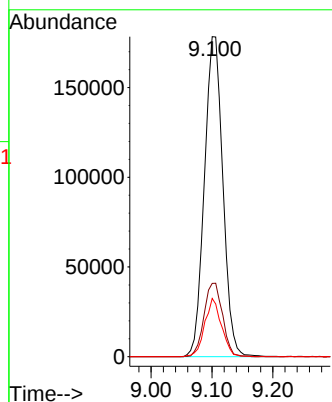
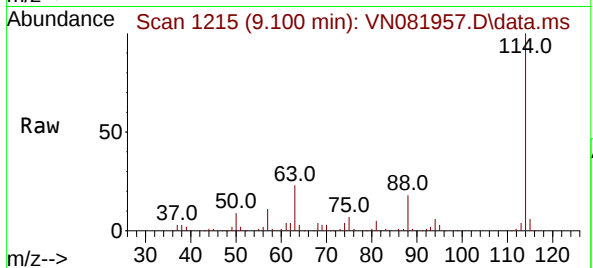
Tgt Ion:114 Resp: 376102

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 18.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.949 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081957.D

Acq: 01 May 2024 15:26

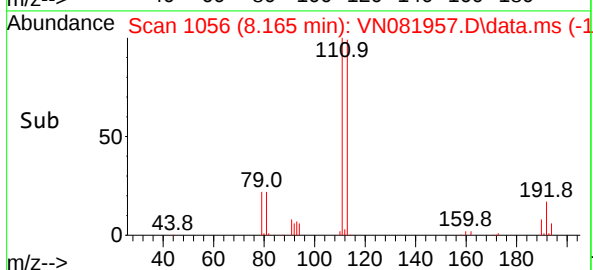
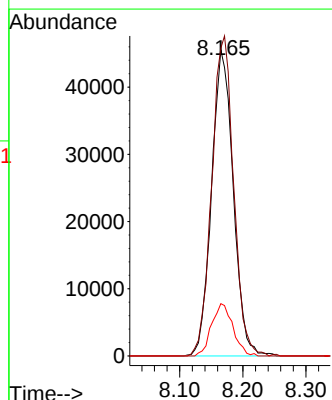
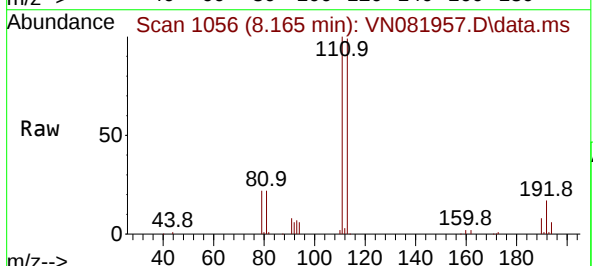
Tgt Ion:113 Resp: 108579

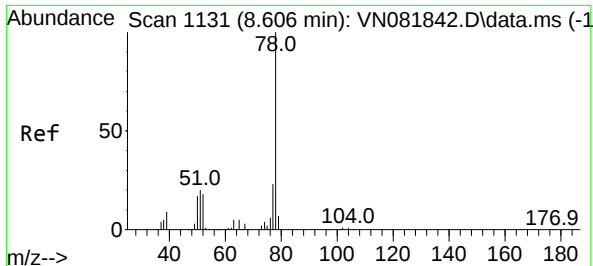
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 16.8 14.0 21.0

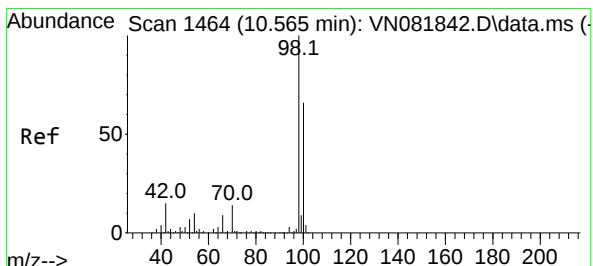
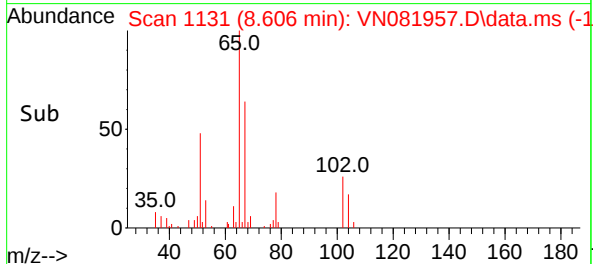
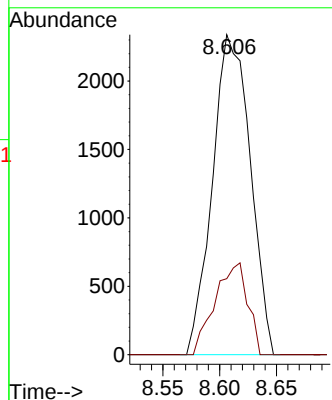
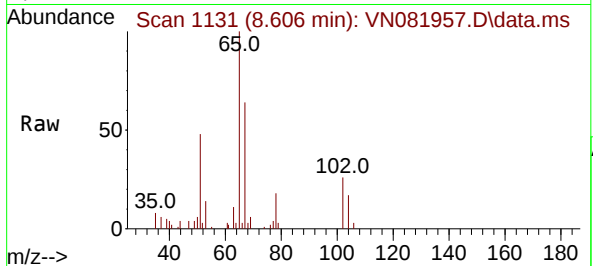




#40
Benzene
Concen: 0.490 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

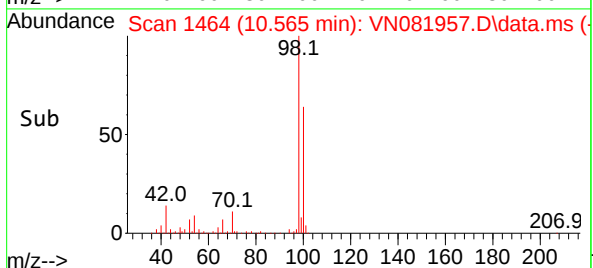
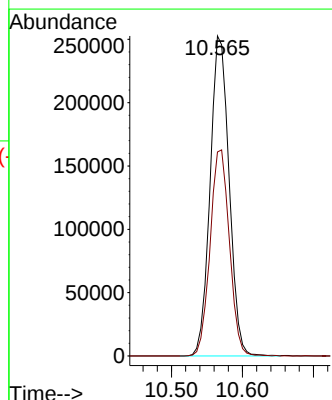
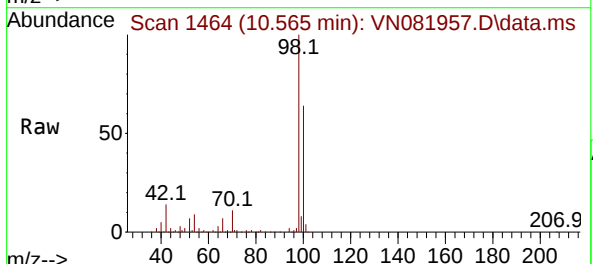
Instrument :
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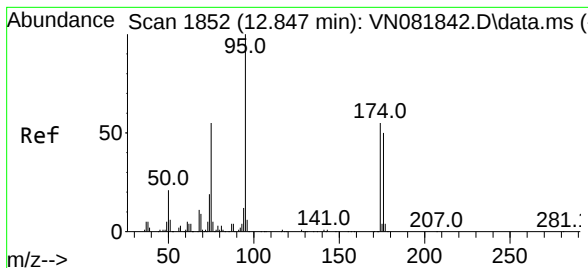
Tgt Ion: 78 Resp: 5419
Ion Ratio Lower Upper
78 100
77 23.8 20.0 30.0



#50
Toluene-d8
Concen: 52.638 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

Tgt Ion: 98 Resp: 468133
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

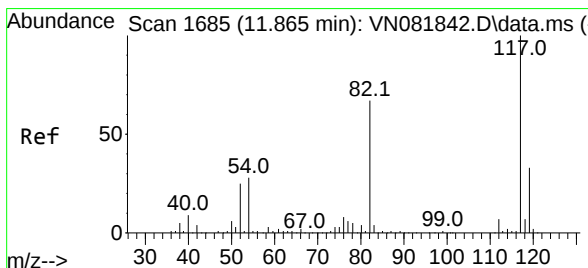
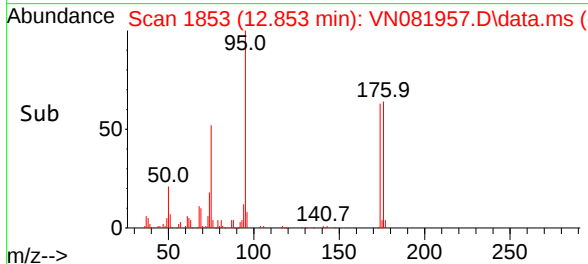
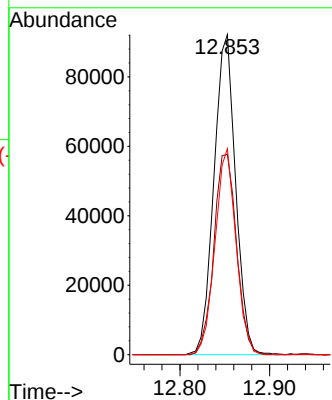
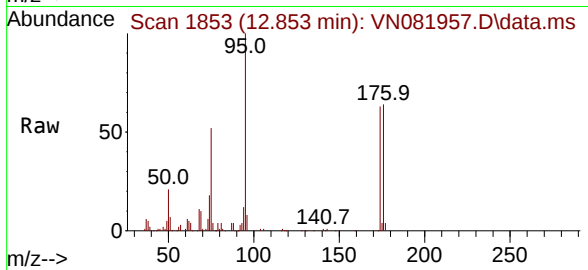




#62
4-Bromofluorobenzene
Concen: 43.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

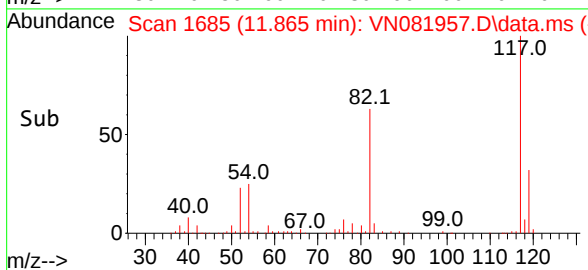
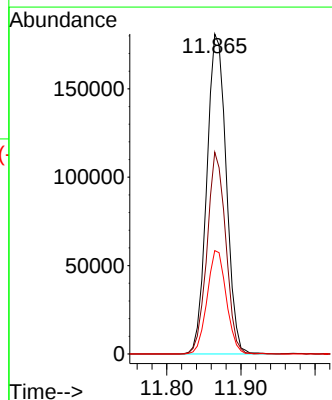
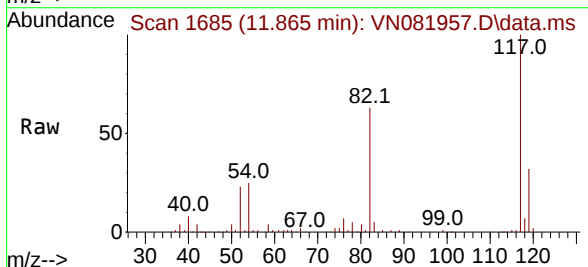
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20240429

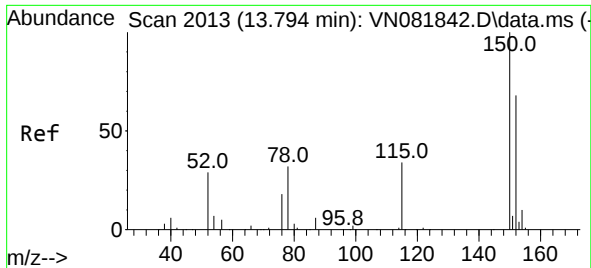
Tgt Ion: 95 Resp: 154307
Ion Ratio Lower Upper
95 100
174 65.6 0.0 160.6
176 62.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081957.D
Acq: 01 May 2024 15:26

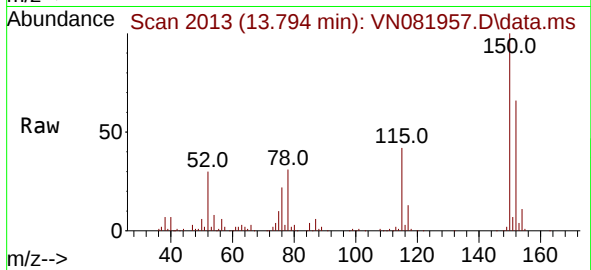
Tgt Ion: 117 Resp: 329590
Ion Ratio Lower Upper
117 100
82 63.0 44.6 66.8
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081957.D
 Acq: 01 May 2024 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20240429



Tgt Ion:152 Resp: 129246
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.4 91.3
 150 159.2 0.0 353.2

