

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081668.D
 Acq On : 08 Apr 2024 11:20
 Operator : JC\MD
 Sample : VN0408WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

Quant Time: Apr 09 01:52:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	431772	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	766250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	681525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	276661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	277353	50.371	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.740%	
35) Dibromofluoromethane	8.165	113	239665	49.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.120%	
50) Toluene-d8	10.571	98	900323	51.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.853	95	288485	46.835	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.680%	

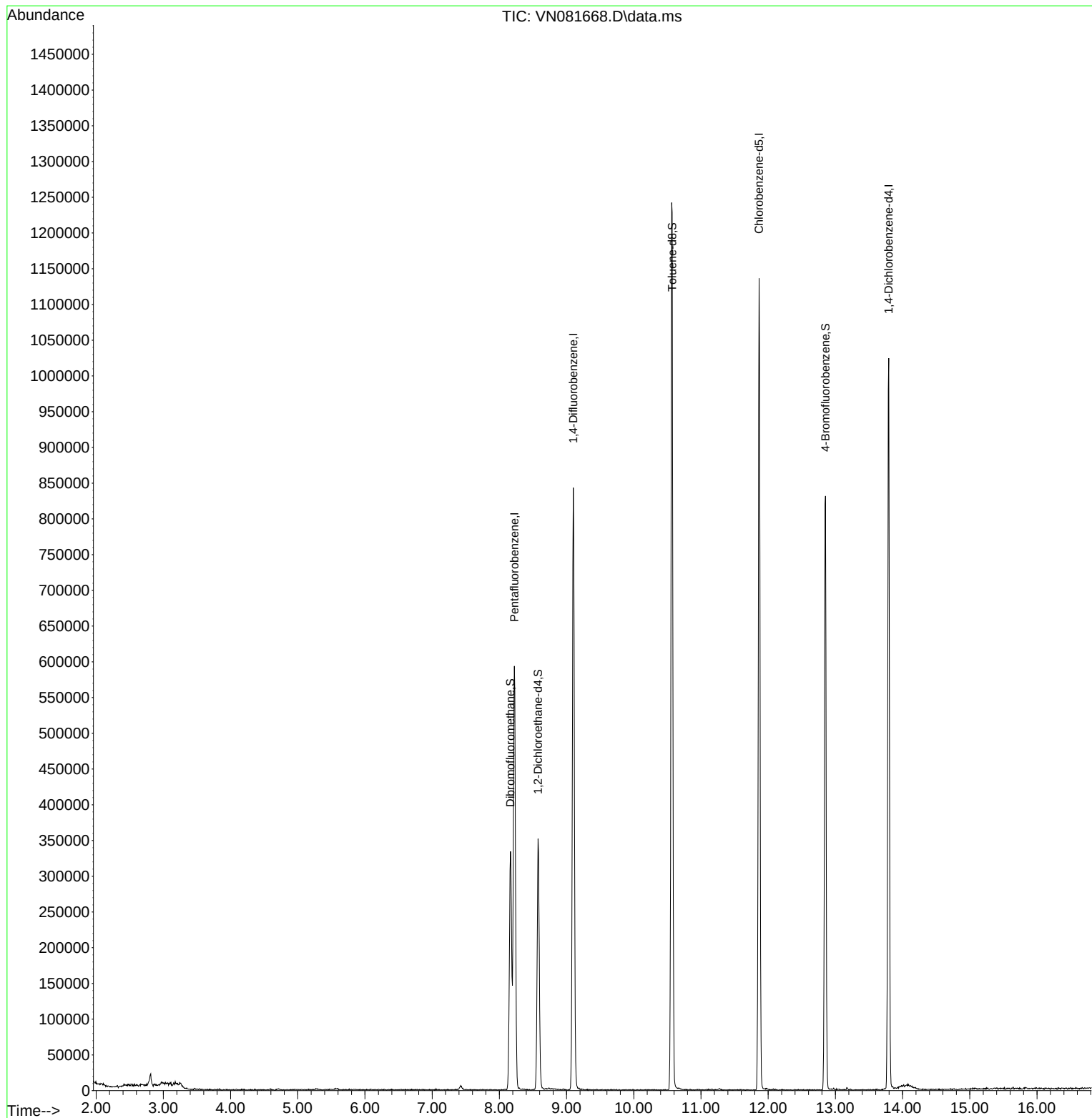
Target Compounds	Qvalue

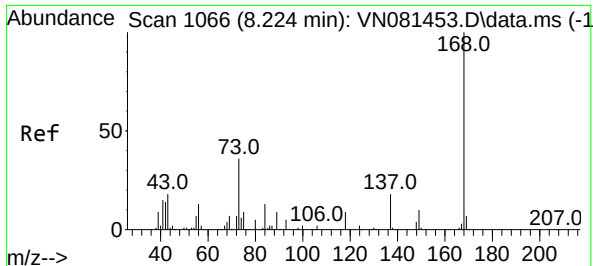
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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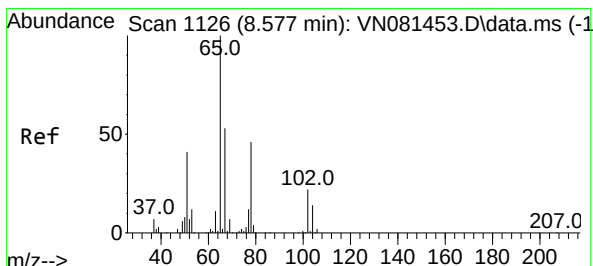
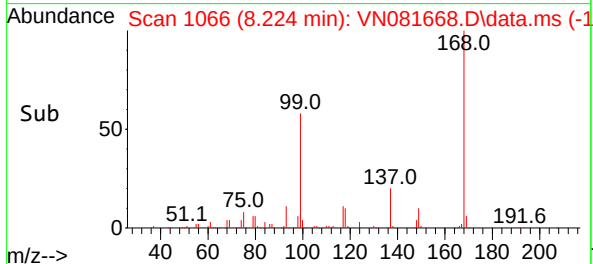
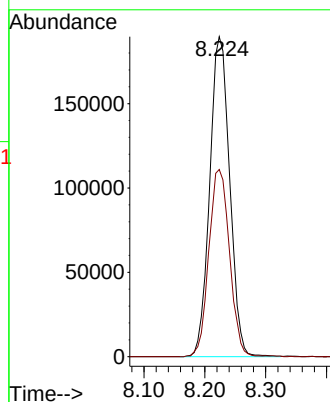
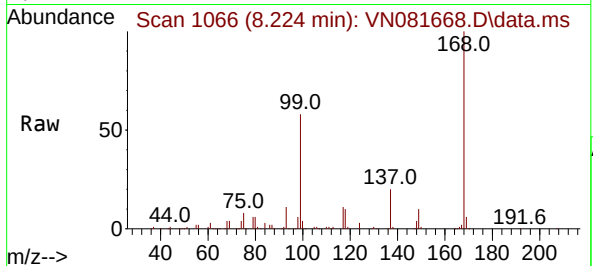




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

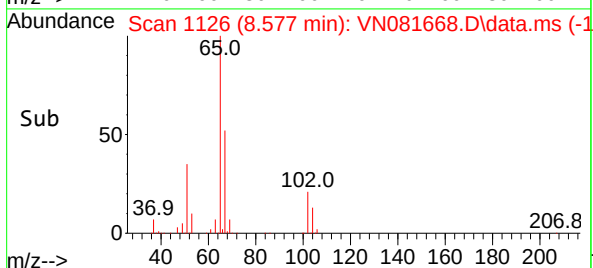
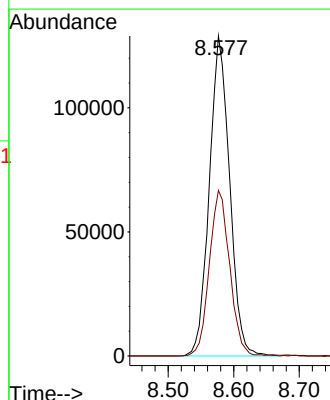
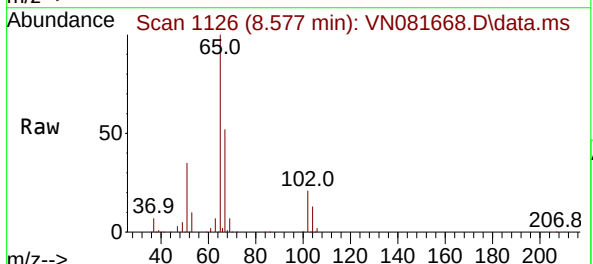
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

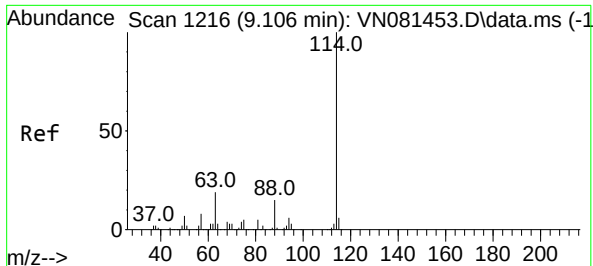
Tgt Ion:168 Resp: 431772
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 50.371 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion: 65 Resp: 277353
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBL01

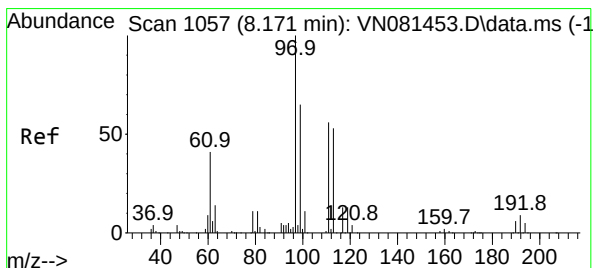
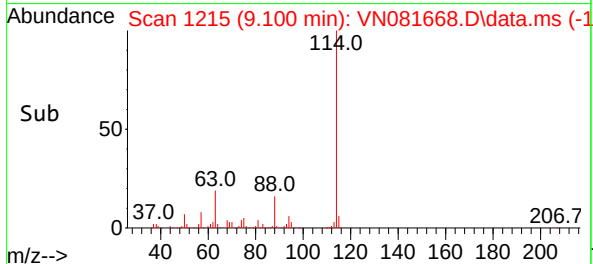
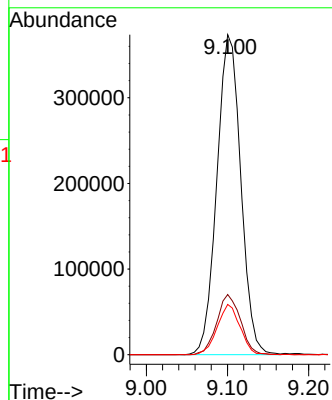
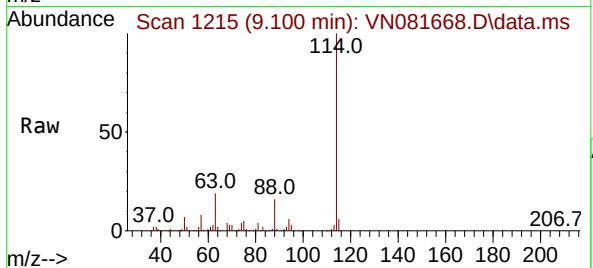
Tgt Ion:114 Resp: 766250

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.560 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

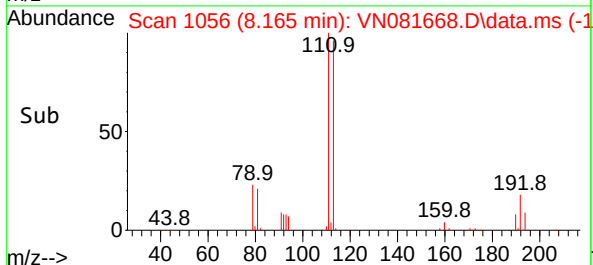
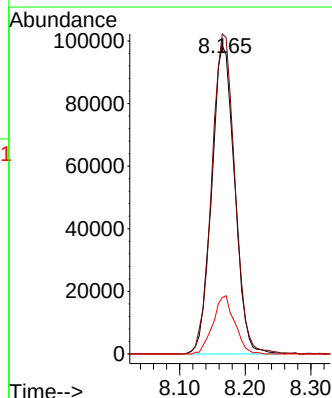
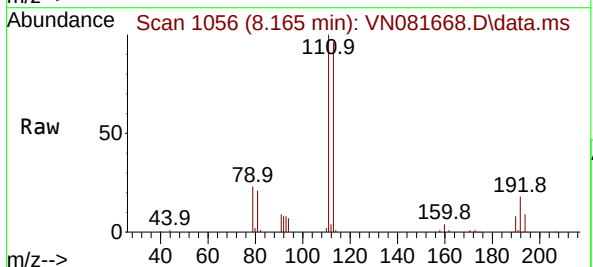
Tgt Ion:113 Resp: 239665

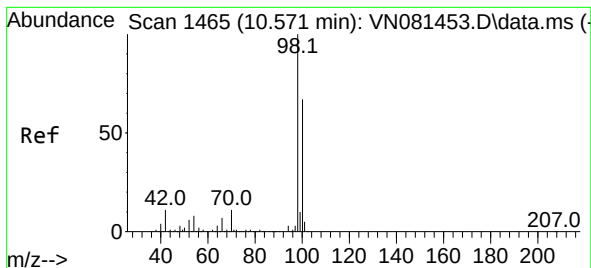
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 17.8 12.5 18.7





#50

Toluene-d8

Concen: 51.503 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

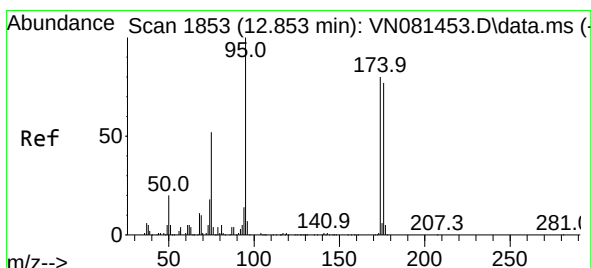
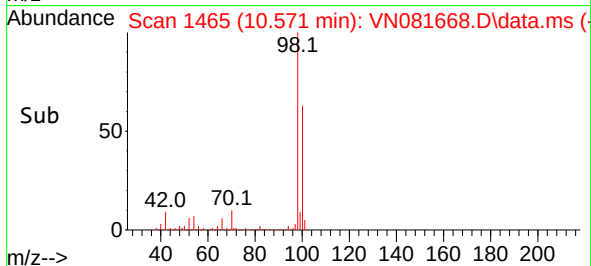
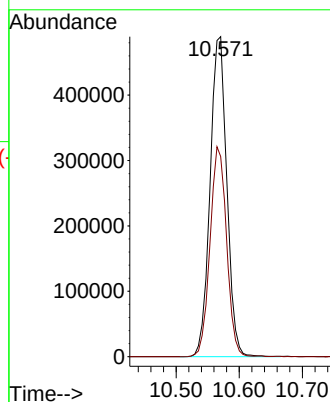
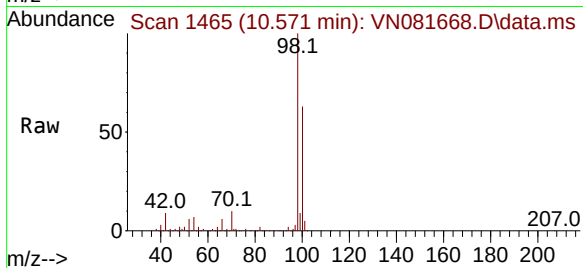
VN0408WBL01

Tgt Ion: 98 Resp: 900323

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.835 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081668.D

Acq: 08 Apr 2024 11:20

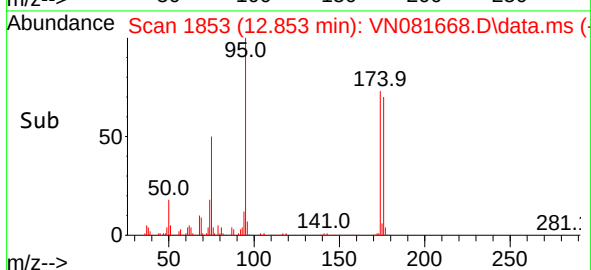
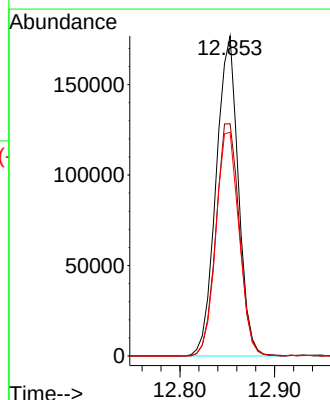
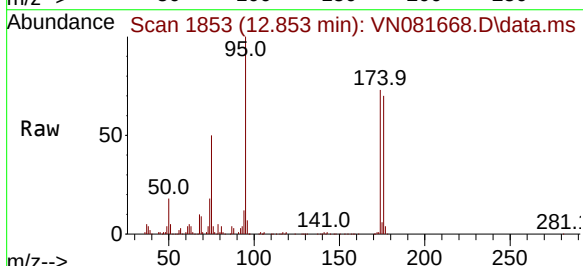
Tgt Ion: 95 Resp: 288485

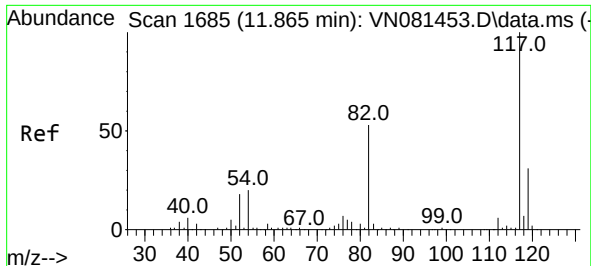
Ion Ratio Lower Upper

95 100

174 76.4 0.0 120.4

176 73.0 0.0 121.0

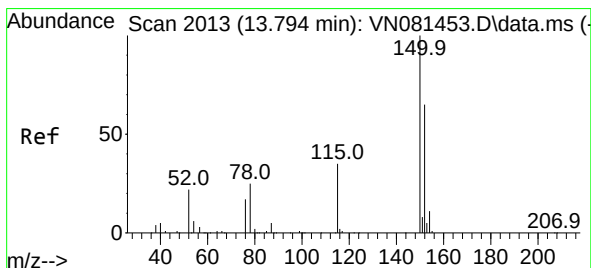
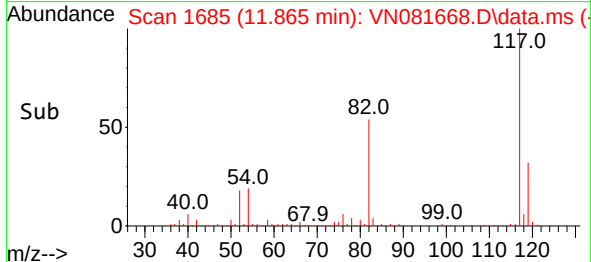
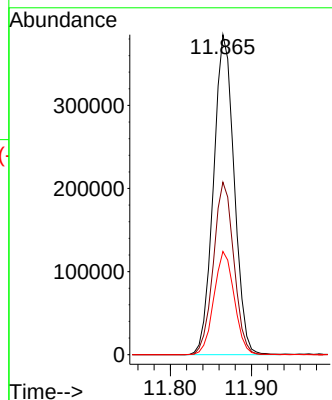
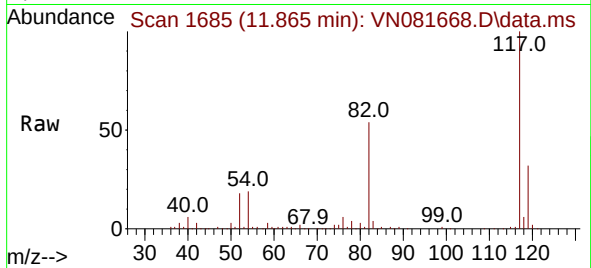




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

Tgt Ion:117 Resp: 681525
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081668.D
Acq: 08 Apr 2024 11:20

Tgt Ion:152 Resp: 276661
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 158.2 0.0 339.8

