

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082046.D
 Acq On : 09 May 2024 13:22
 Operator : JC\MD
 Sample : P2428-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-06B-38-050824

Quant Time: May 10 03:50:31 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	133624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120751	53.543	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.080%
35) Dibromofluoromethane	8.165	113	87437	50.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.565	98	369415	54.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.853	95	115906	43.053	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.100%

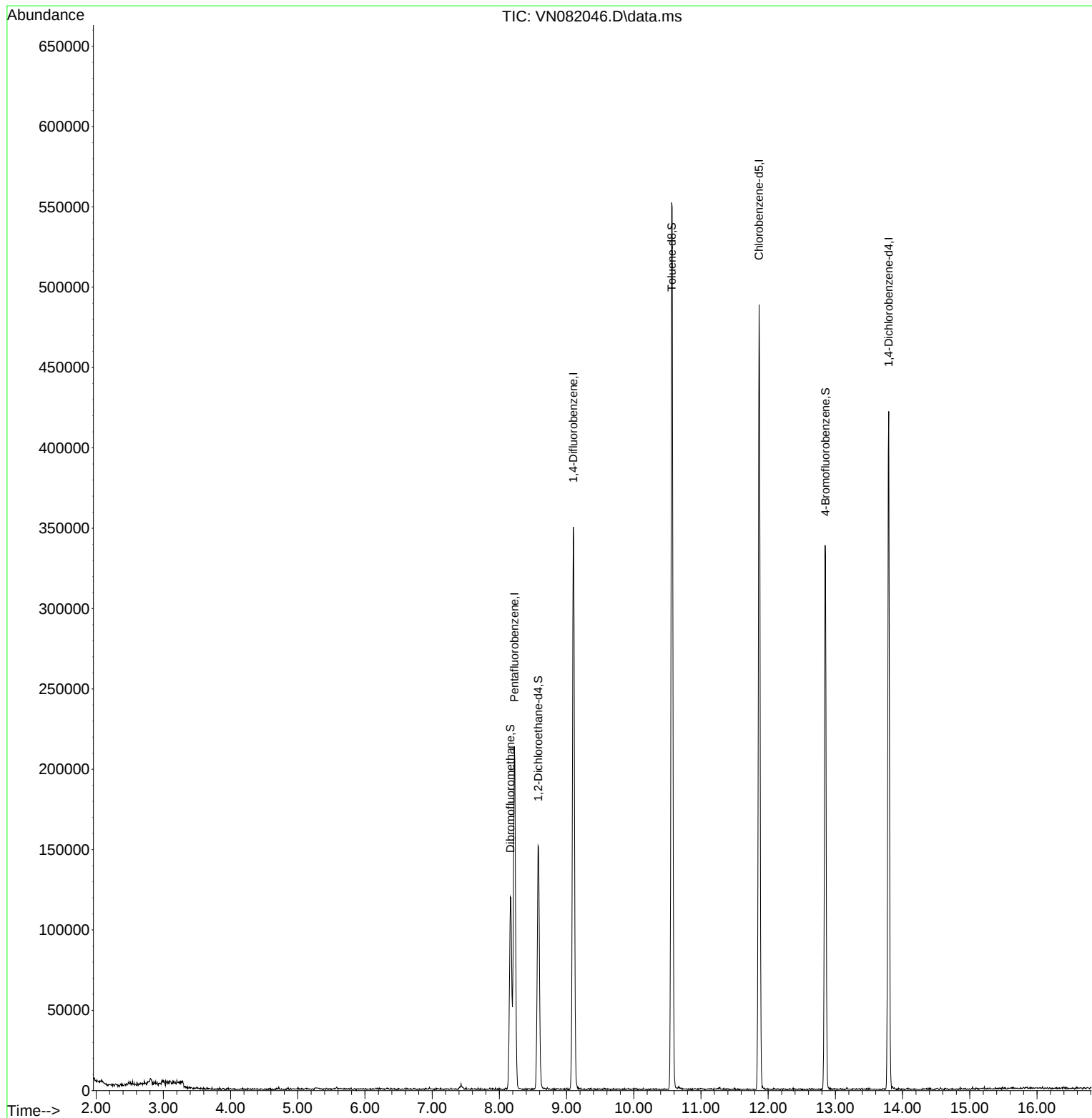
Target Compounds	Qvalue

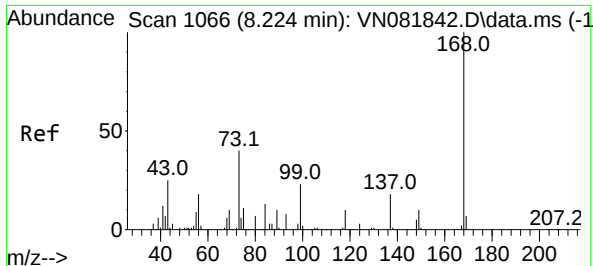
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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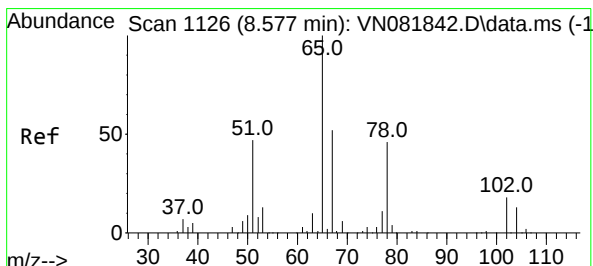
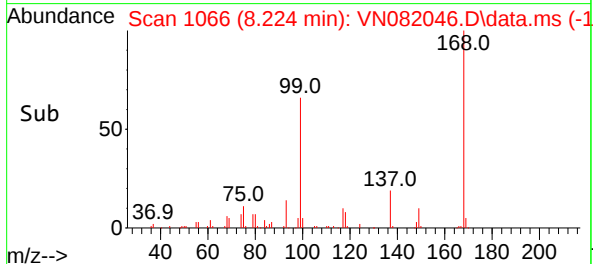
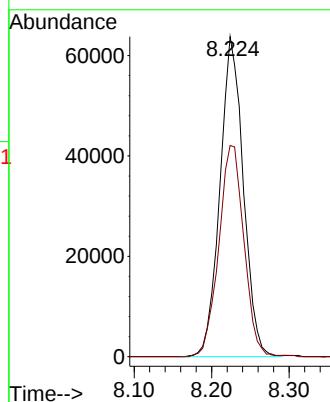
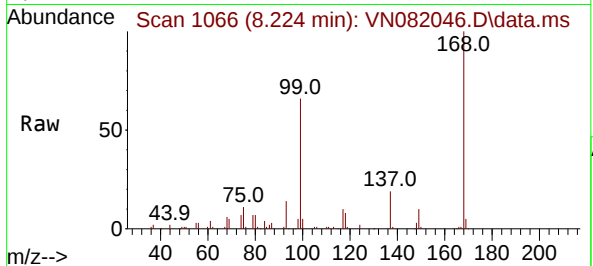




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

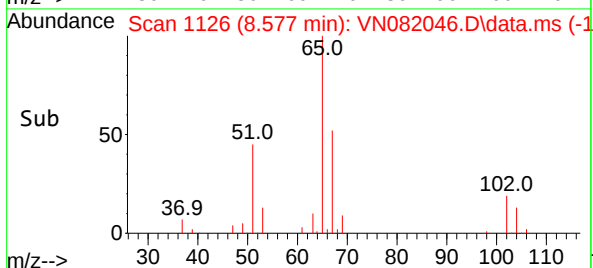
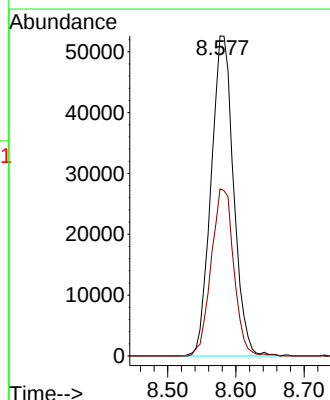
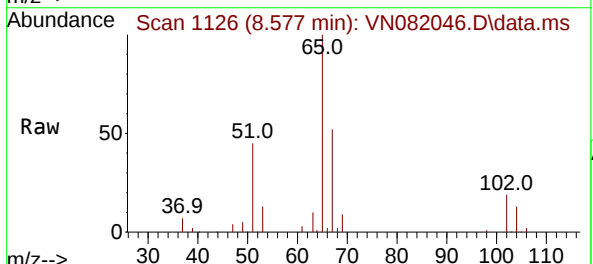
Instrument :
MSVOA_N
ClientSampleId :
RMW-06B-38-050824

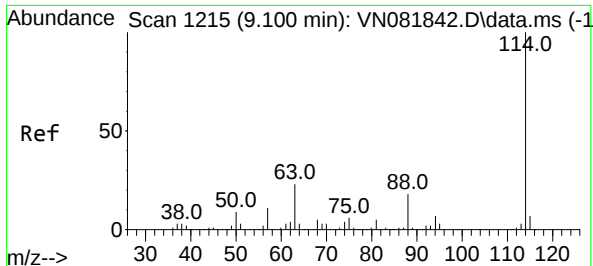
Tgt Ion:168 Resp: 133624
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.543 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion: 65 Resp: 120751
Ion Ratio Lower Upper
65 100
67 52.6 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: VN082046.D

Acq: 09 May 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

RMW-06B-38-050824

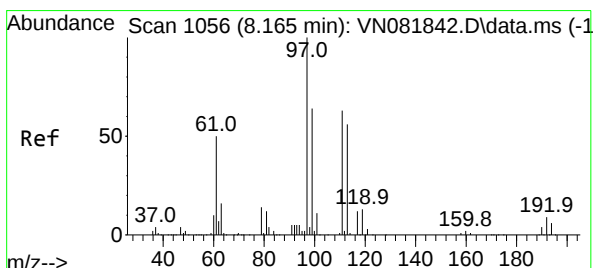
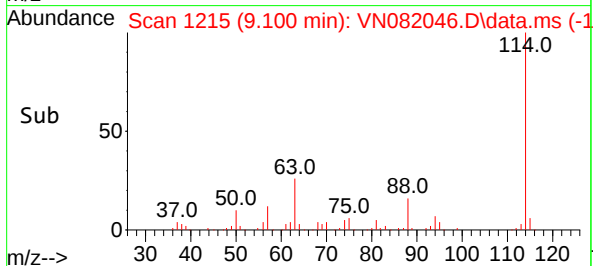
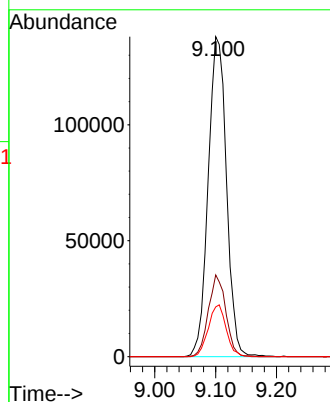
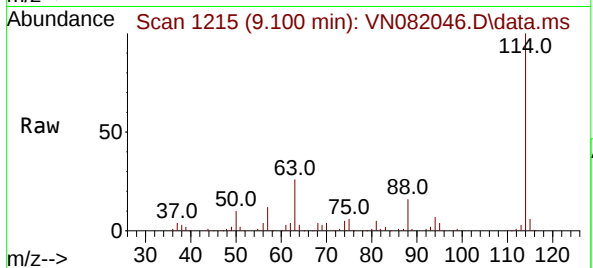
Tgt Ion:114 Resp: 288005

Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082046.D

Acq: 09 May 2024 13:22

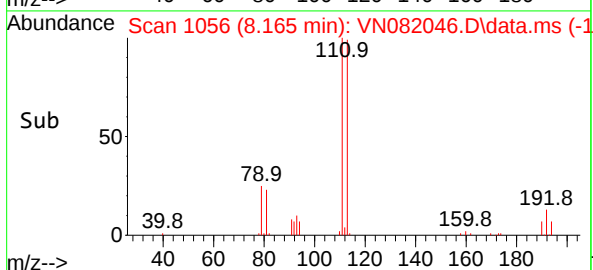
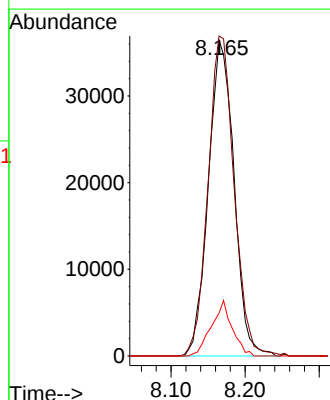
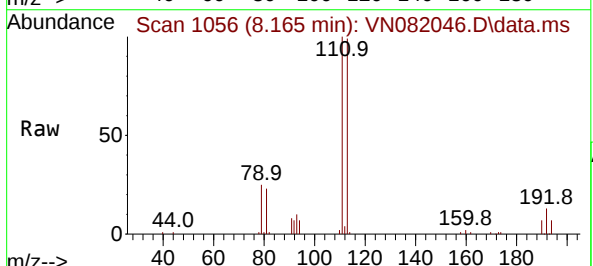
Tgt Ion:113 Resp: 87437

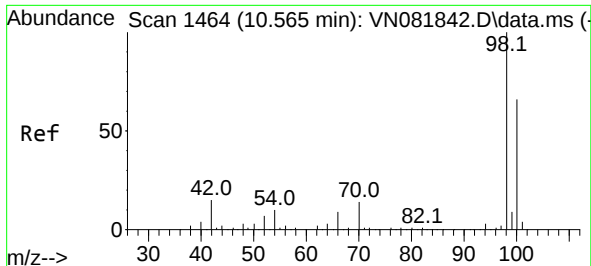
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 14.2 14.0 21.0

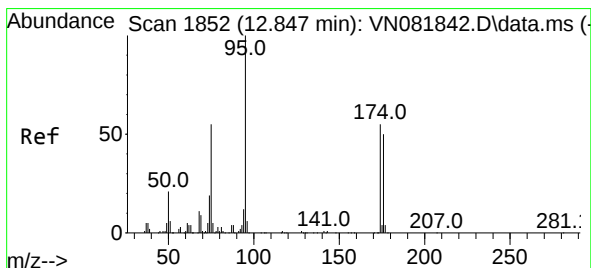
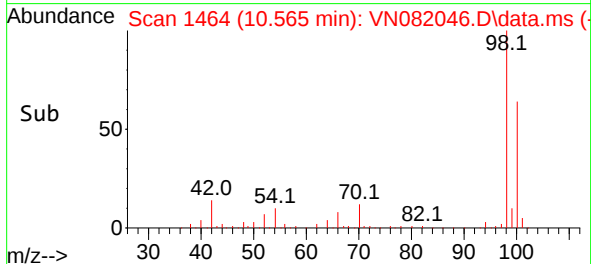
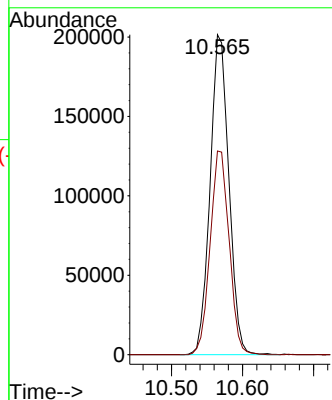
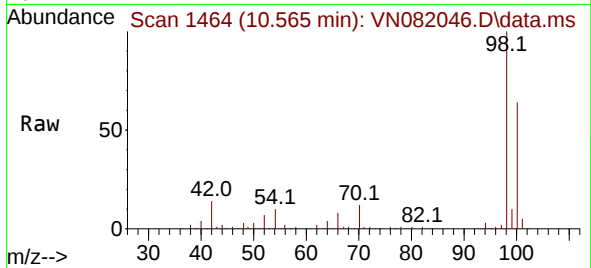




#50
Toluene-d8
Concen: 54.243 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

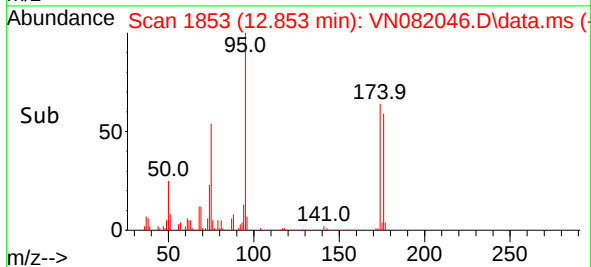
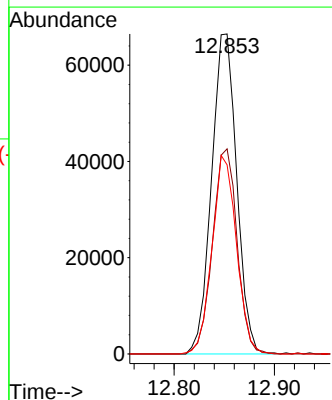
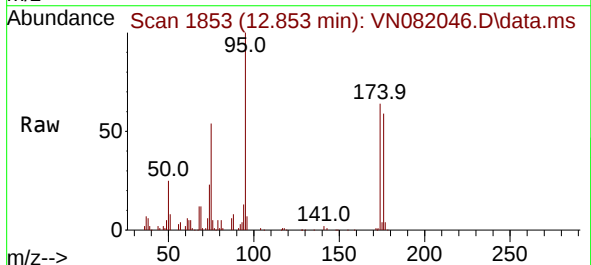
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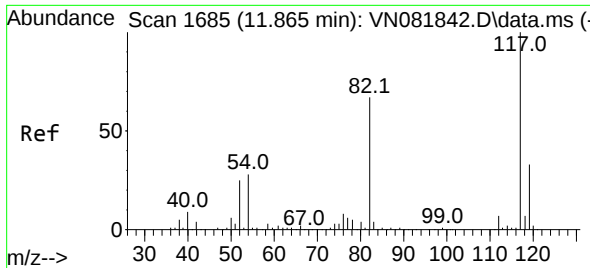
Tgt Ion: 98 Resp: 369415
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.053 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion: 95 Resp: 115906
Ion Ratio Lower Upper
95 100
174 62.7 0.0 160.6
176 60.3 0.0 152.8

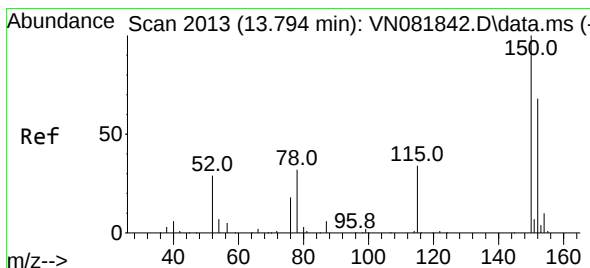
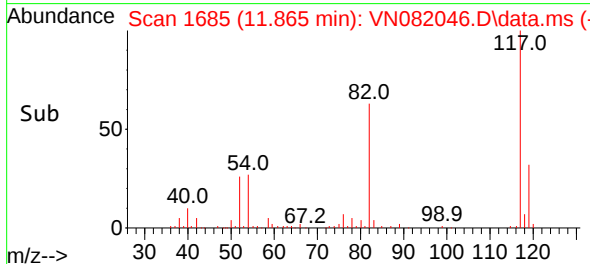
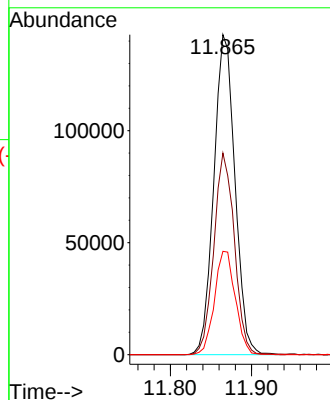
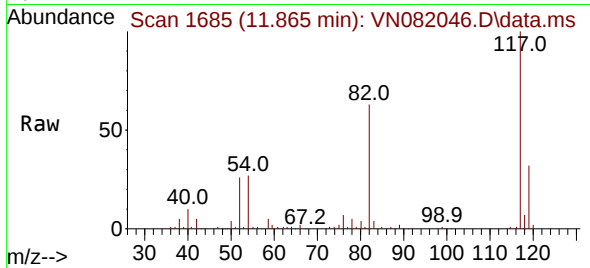




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :
RMW-06B-38-050824

Tgt Ion:117 Resp: 258717
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# 2013
Delta R.T. 0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion:152 Resp: 97000
Ion Ratio Lower Upper
152 100
115 68.0 30.4 91.3
150 158.1 0.0 353.2

