

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081925.D
 Acq On : 30 Apr 2024 12:44
 Operator : JC\MD
 Sample : P2257-02DL 400X
 Misc : 1.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1356DL

Quant Time: May 01 05:22:15 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	8.230	168	238244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	403679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	176452	43.883	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.760%
35) Dibromofluoromethane	8.165	113	133918	48.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.565	98	549886	50.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.853	95	193925	44.950	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.900%

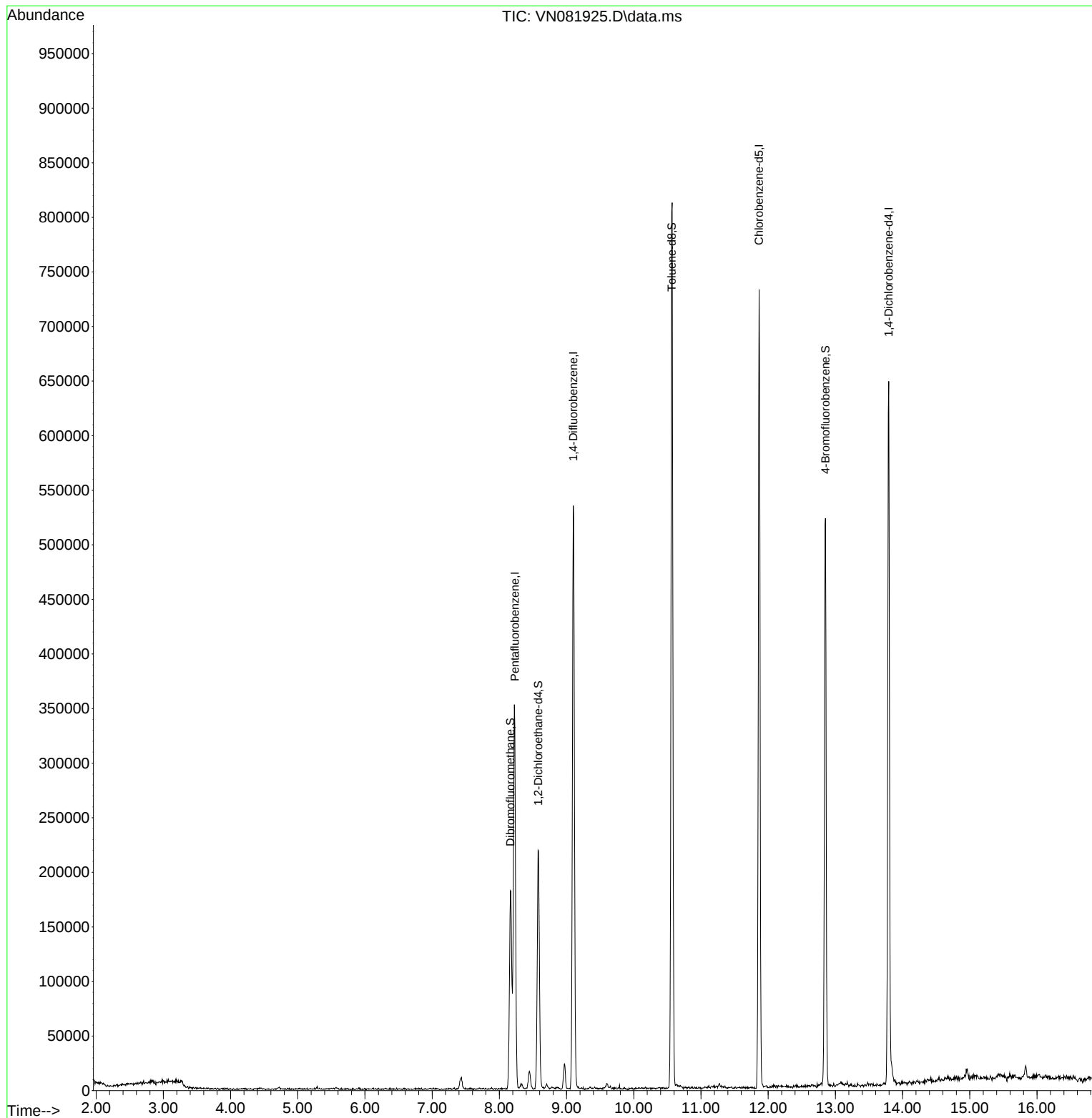
Target Compounds	Qvalue

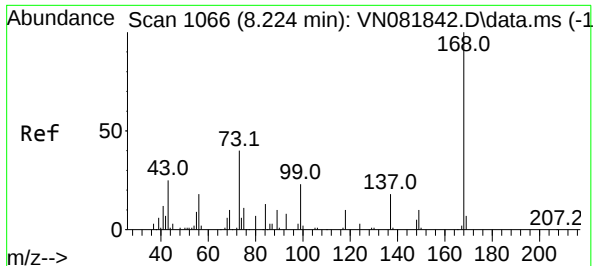
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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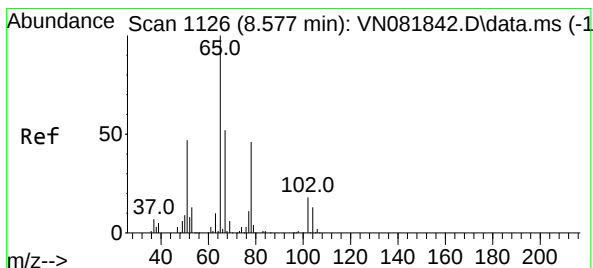
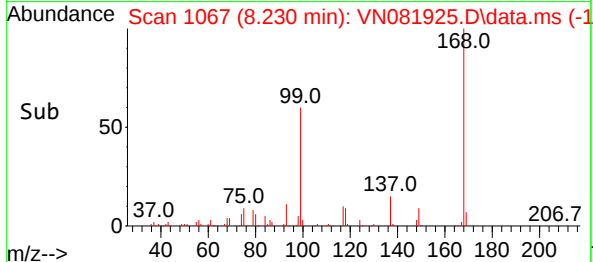
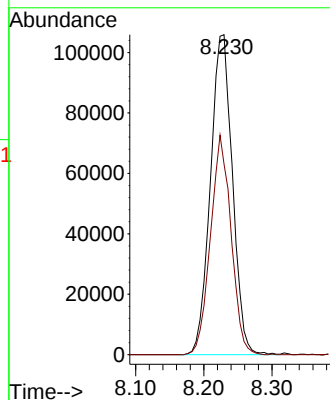
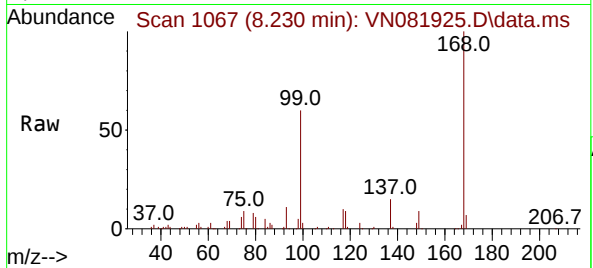




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081925.D
Acq: 30 Apr 2024 12:44

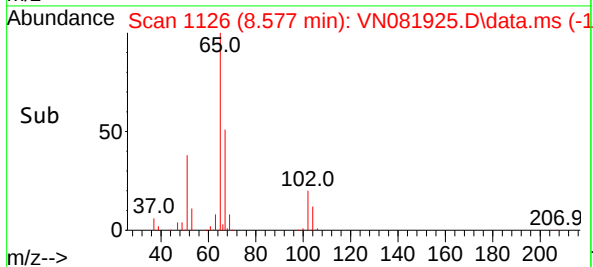
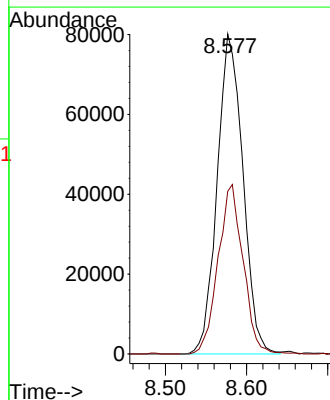
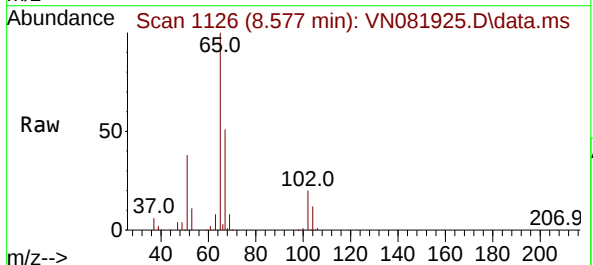
Instrument :
MSVOA_N
ClientSampleId :
1356DL

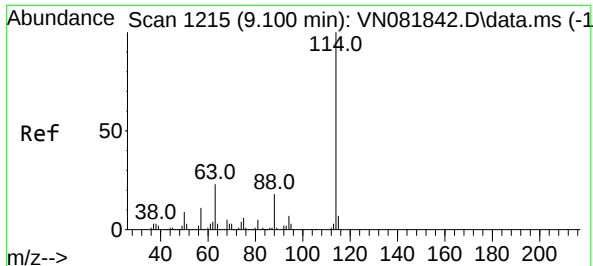
Tgt Ion:168 Resp: 238244
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 43.883 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081925.D
Acq: 30 Apr 2024 12:44

Tgt Ion: 65 Resp: 176452
Ion Ratio Lower Upper
65 100
67 51.6 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: VN081925.D

Acq: 30 Apr 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

1356DL

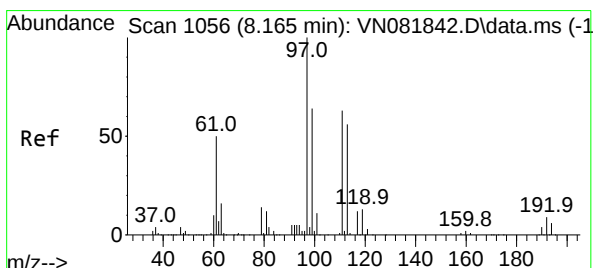
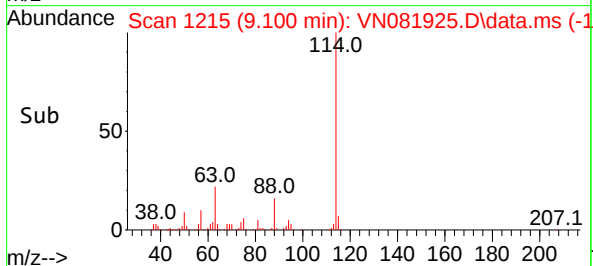
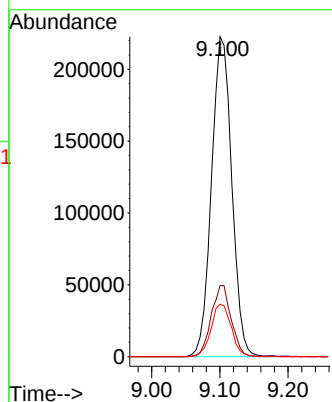
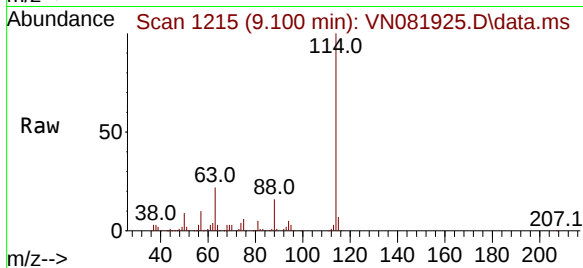
Tgt Ion:114 Resp: 461534

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081925.D

Acq: 30 Apr 2024 12:44

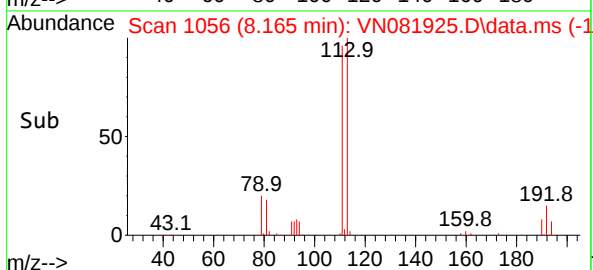
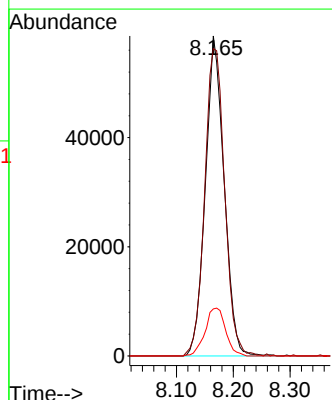
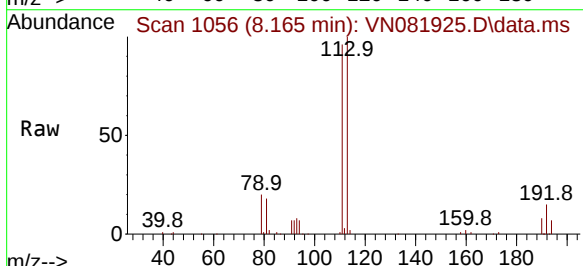
Tgt Ion:113 Resp: 133918

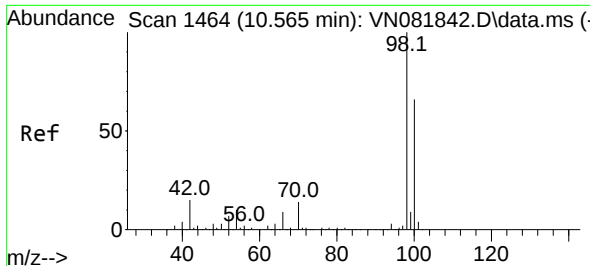
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 16.4 14.0 21.0

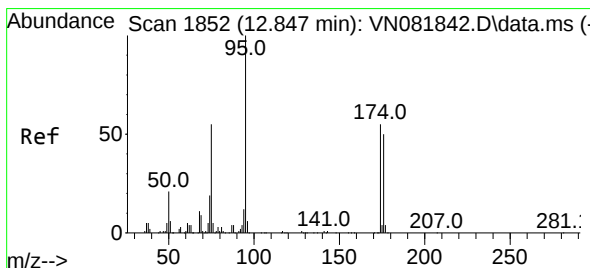
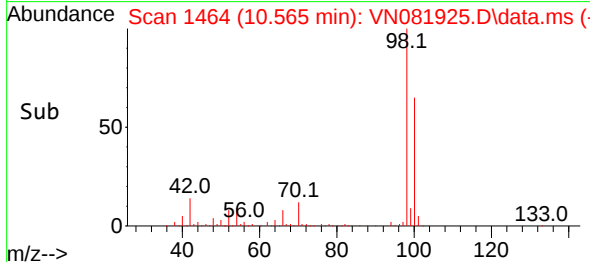
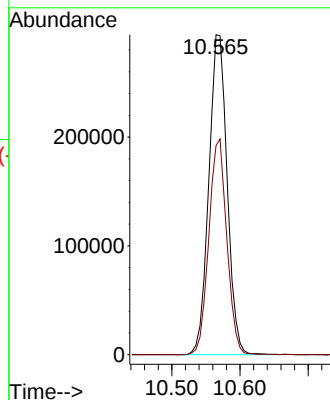
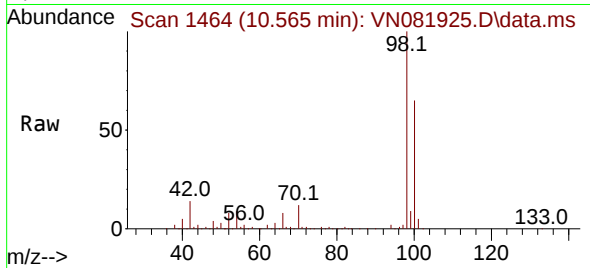




#50
Toluene-d8
Concen: 50.385 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081925.D
Acq: 30 Apr 2024 12:44

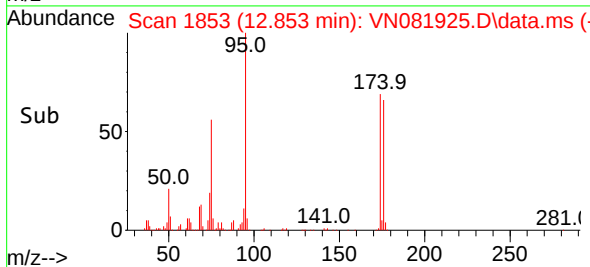
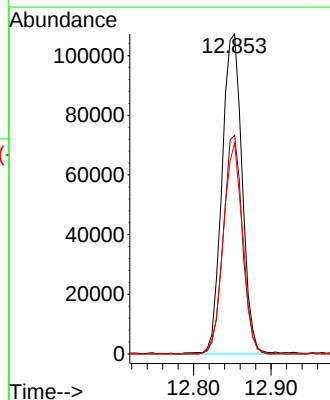
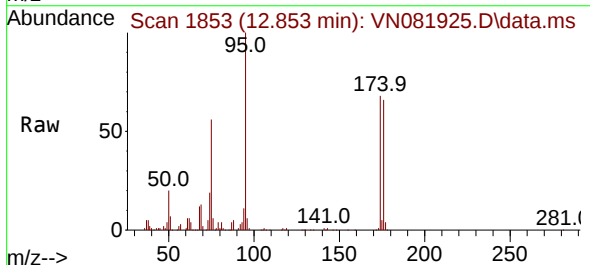
Instrument :
MSVOA_N
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1356DL

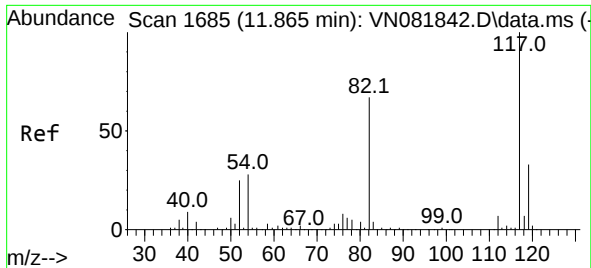
Tgt Ion: 98 Resp: 549886
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.950 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081925.D
Acq: 30 Apr 2024 12:44

Tgt Ion: 95 Resp: 193925
Ion Ratio Lower Upper
95 100
174 65.0 0.0 160.6
176 63.1 0.0 152.8

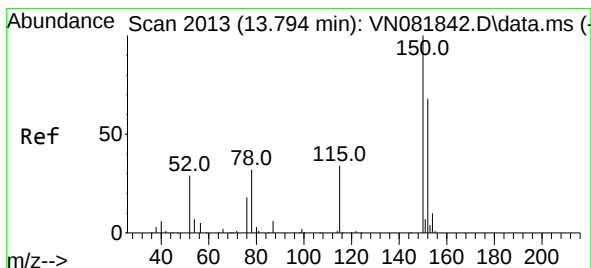
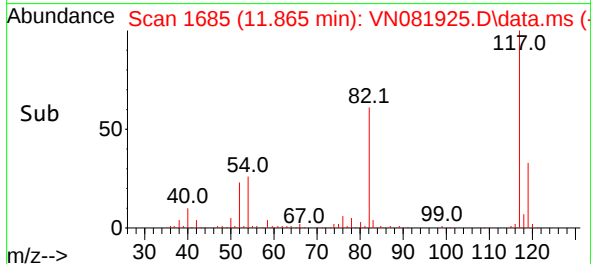
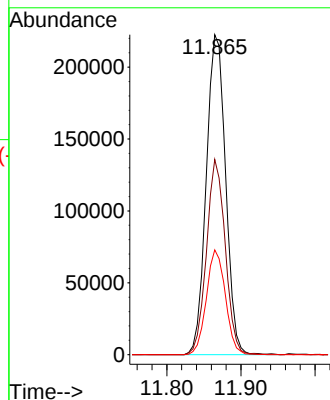
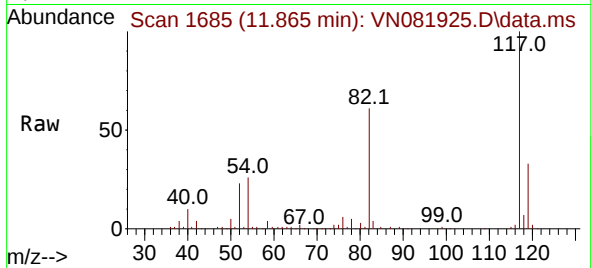




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081925.D
Acq: 30 Apr 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
1356DL

Tgt Ion:117 Resp: 403679
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 32.7 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: VN081925.D
Acq: 30 Apr 2024 12:44

Tgt Ion:152 Resp: 161774
Ion Ratio Lower Upper
152 100
115 66.2 30.4 91.3
150 160.4 0.0 353.2

