

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080832.D
 Acq On : 31 Jan 2024 11:48
 Operator : JC\MD
 Sample : VN0131MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Quant Time: Jan 31 23:13:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	86744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	69420	46.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	8.165	113	55363	43.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.860%
50) Toluene-d8	10.565	98	227049	45.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.853	95	81607	46.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.880%

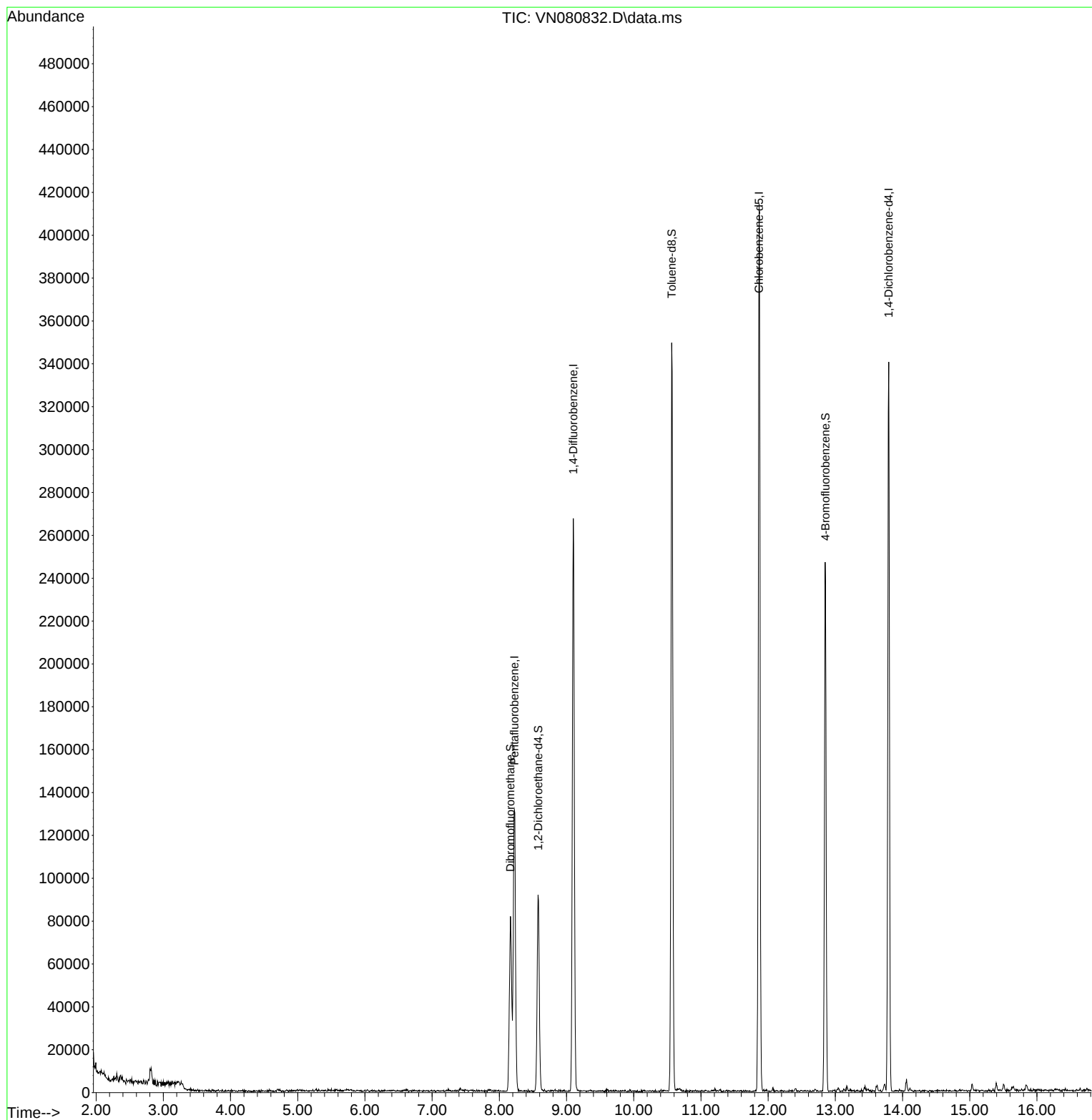
Target Compounds	Qvalue

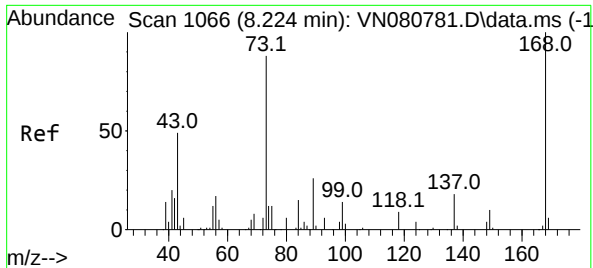
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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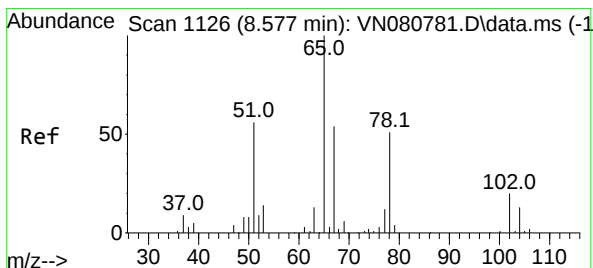
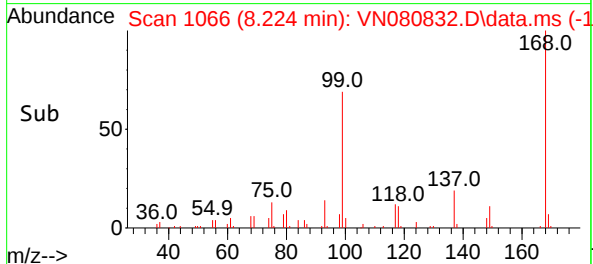
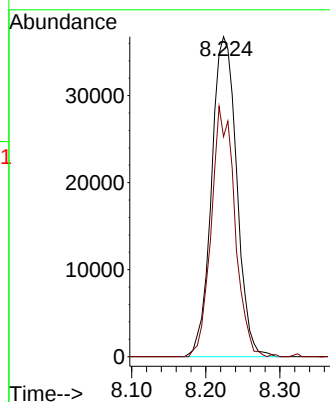
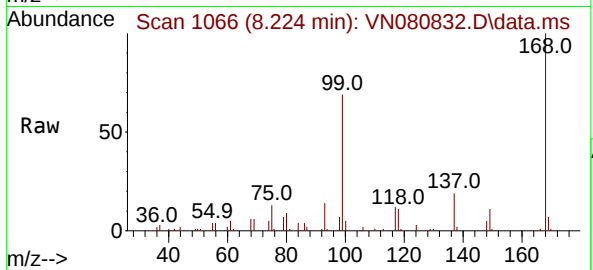




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080832.D
Acq: 31 Jan 2024 11:48

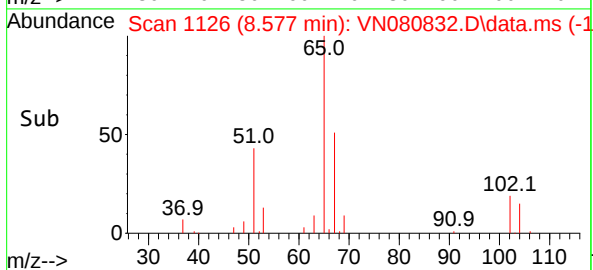
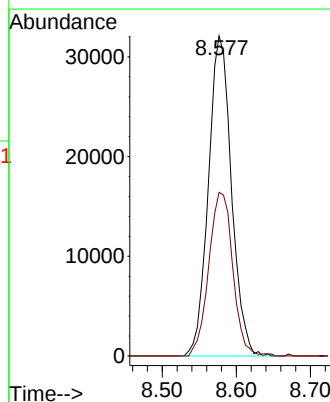
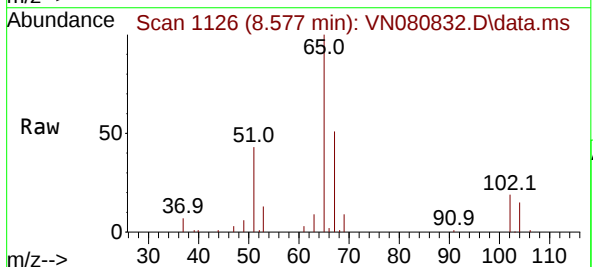
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

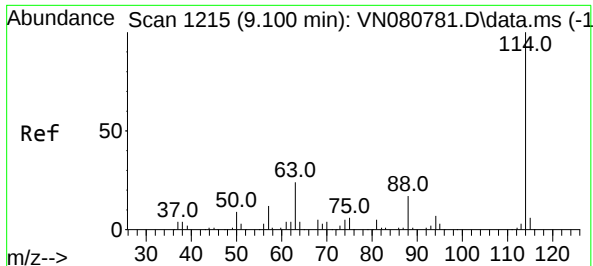
Tgt Ion:168 Resp: 86744
Ion Ratio Lower Upper
168 100
99 68.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 46.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080832.D
Acq: 31 Jan 2024 11:48

Tgt Ion: 65 Resp: 69420
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080832.D

Acq: 31 Jan 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

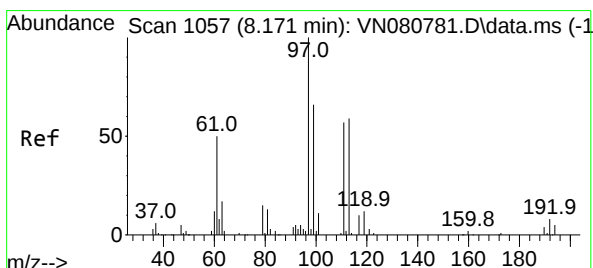
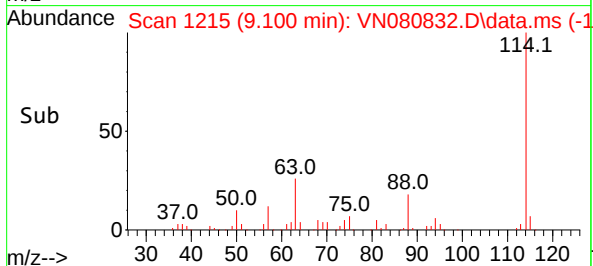
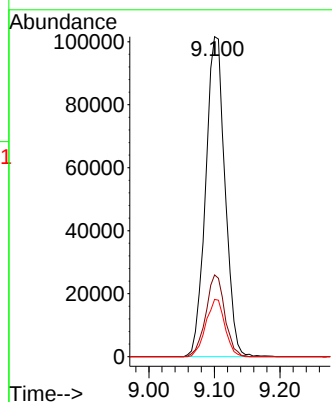
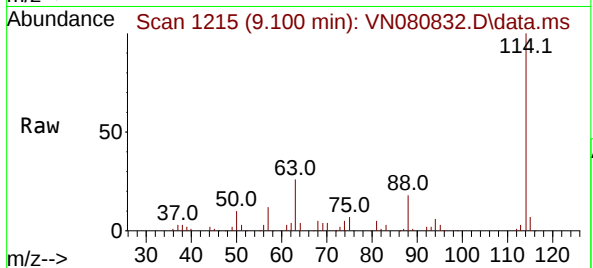
Tgt Ion:114 Resp: 208352

Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.0

88 17.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.432 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080832.D

Acq: 31 Jan 2024 11:48

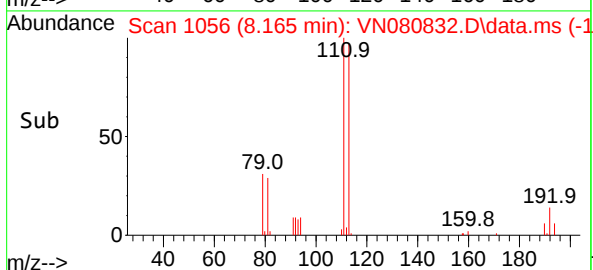
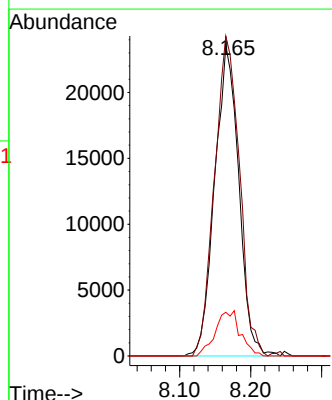
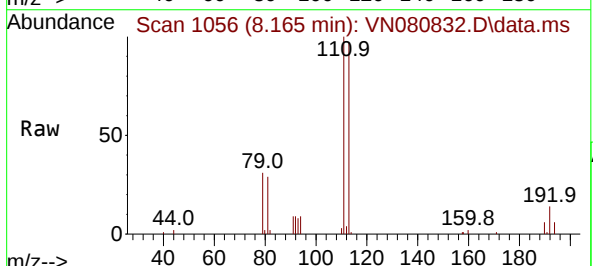
Tgt Ion:113 Resp: 55363

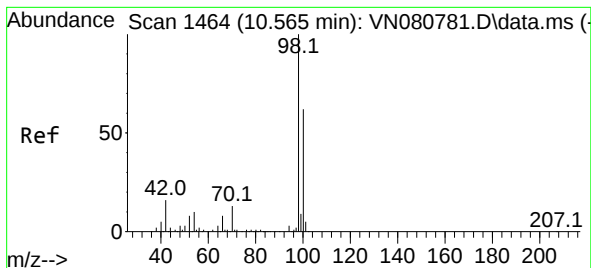
Ion Ratio Lower Upper

113 100

111 106.7 82.2 123.4

192 15.1 12.5 18.7

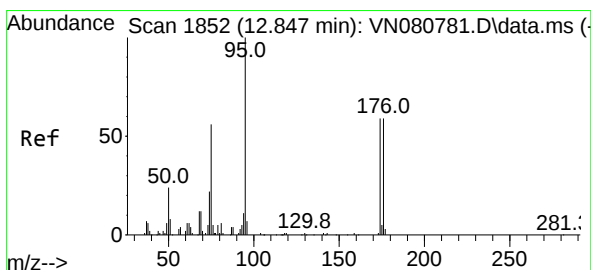
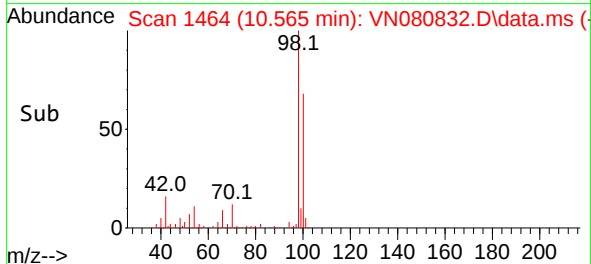
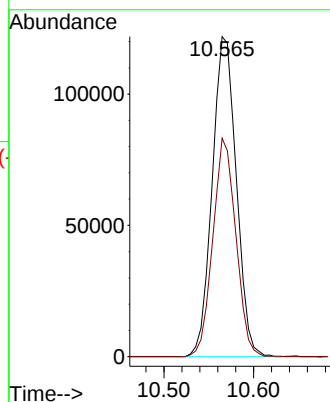
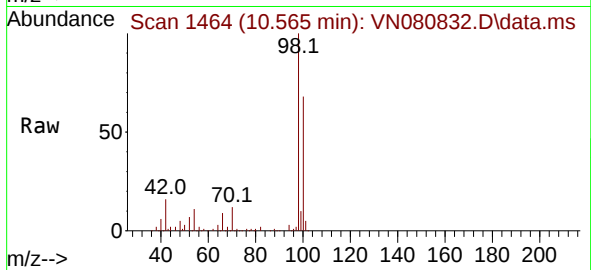




#50
Toluene-d8
Concen: 45.509 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080832.D
Acq: 31 Jan 2024 11:48

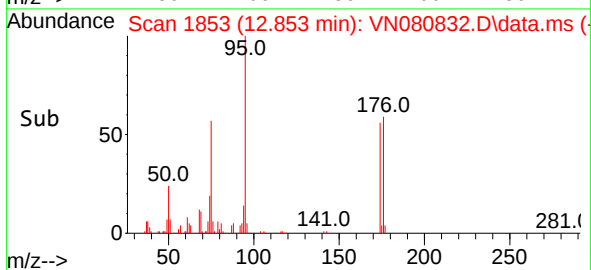
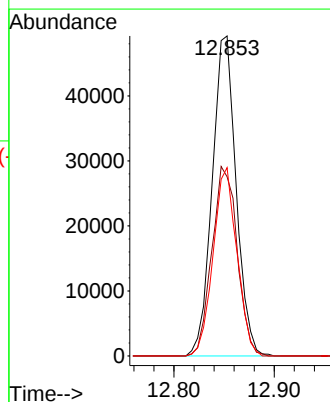
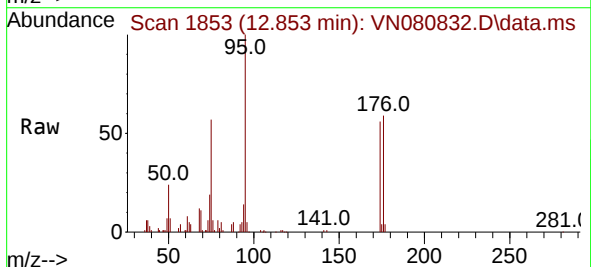
Instrument :
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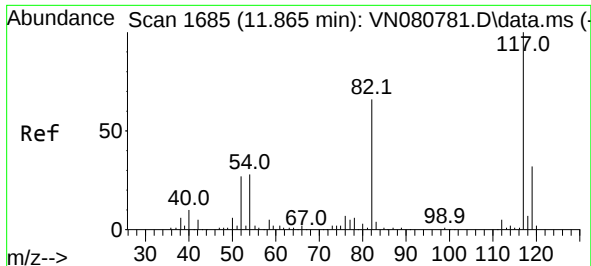
Tgt Ion: 98 Resp: 227049
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.939 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080832.D
Acq: 31 Jan 2024 11:48

Tgt Ion: 95 Resp: 81607
Ion Ratio Lower Upper
95 100
174 62.5 0.0 120.4
176 58.4 0.0 121.0

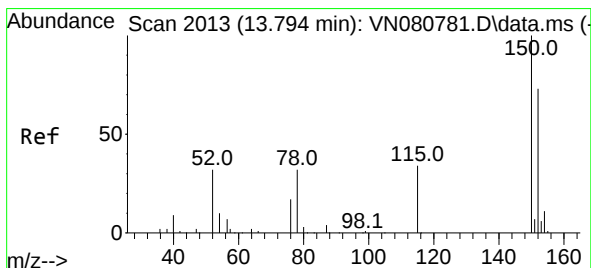
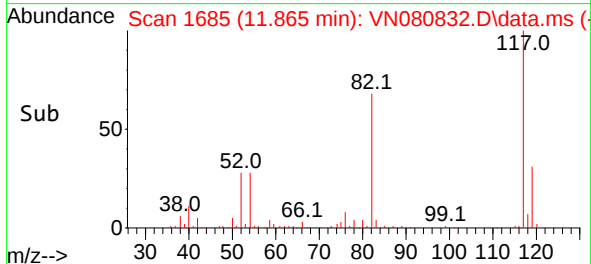
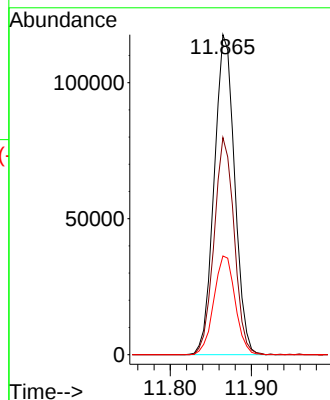
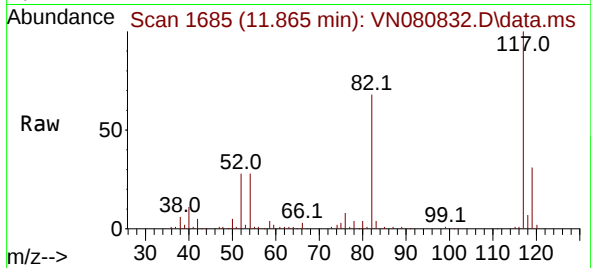




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080832.D
Acq: 31 Jan 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

Tgt Ion:117 Resp: 205848
Ion Ratio Lower Upper
117 100
82 67.8 52.7 79.1
119 30.8 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: VN080832.D
Acq: 31 Jan 2024 11:48

Tgt Ion:152 Resp: 75559
Ion Ratio Lower Upper
152 100
115 69.4 32.3 96.8
150 160.0 0.0 339.8

