

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080478.D
 Acq On : 14 Dec 2023 12:12
 Operator : JC\MD
 Sample : VN1214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBL01

Quant Time: Dec 15 00:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151582	49.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.820%
35) Dibromofluoromethane	8.165	113	126619	46.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	10.565	98	447505	44.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.847	95	181650	47.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%

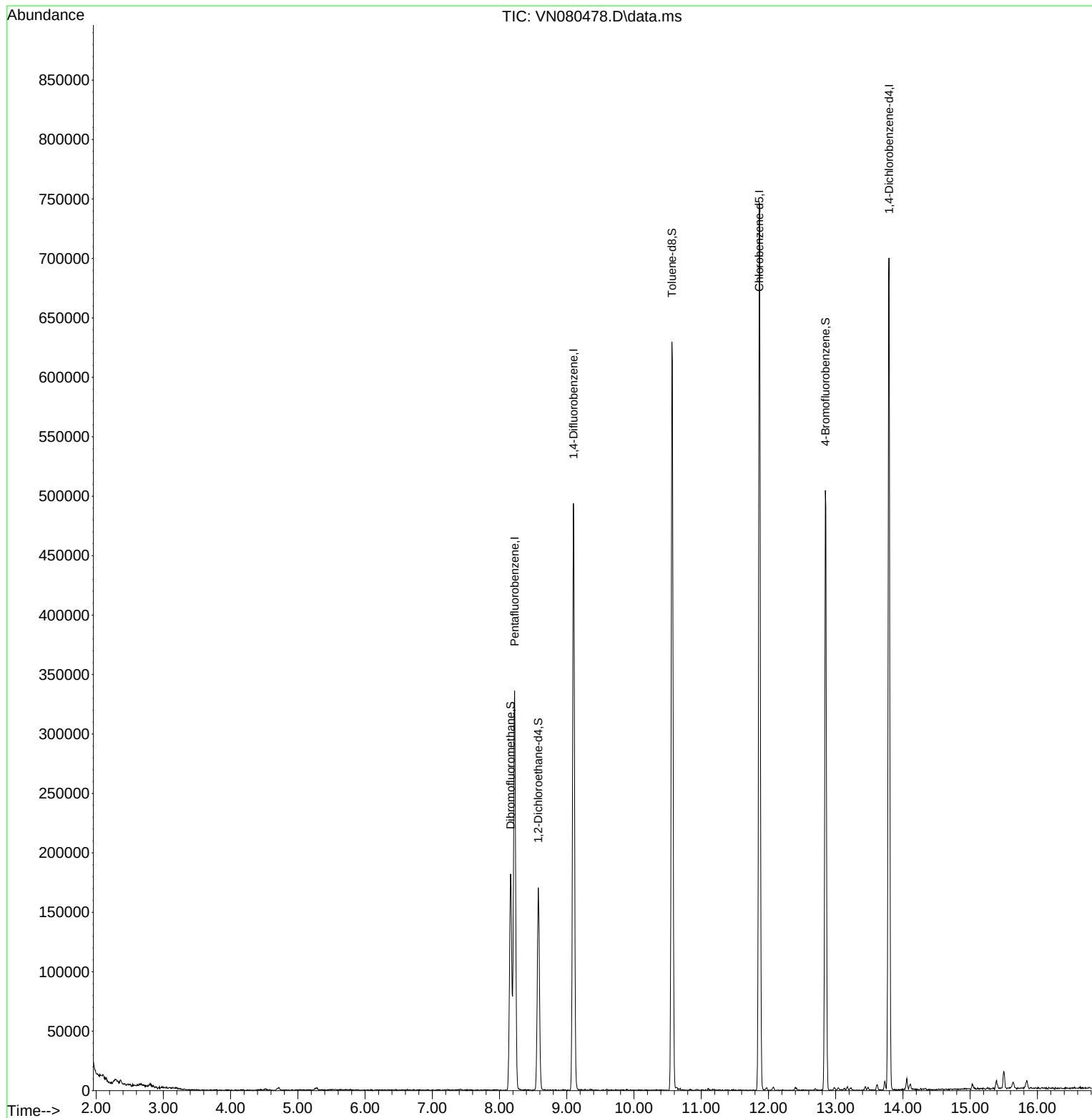
Target Compounds	Qvalue

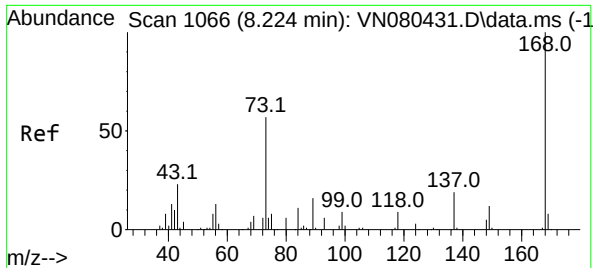
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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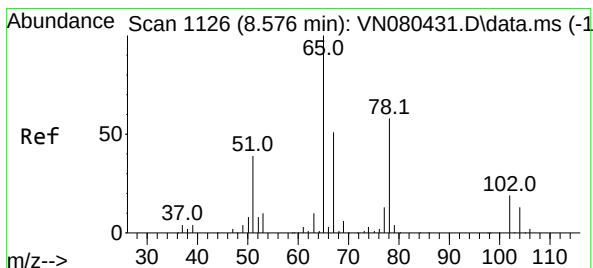
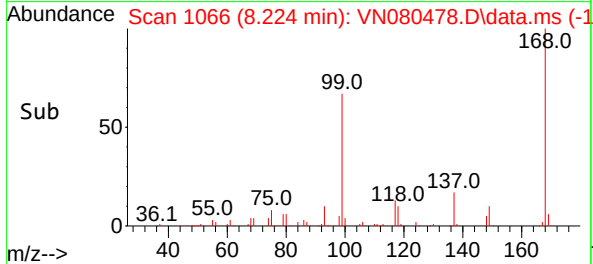
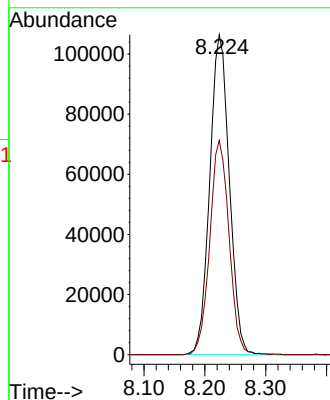
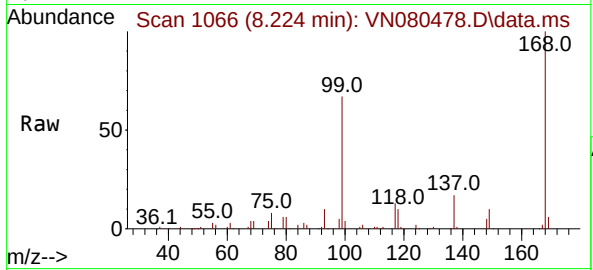




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

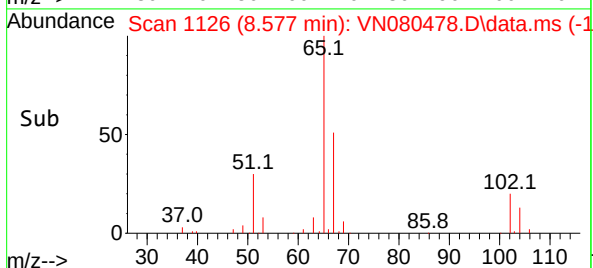
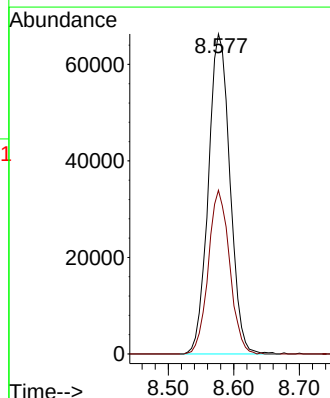
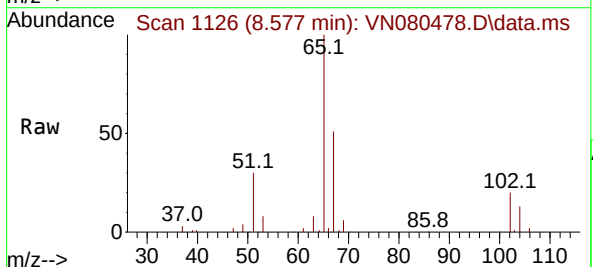
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

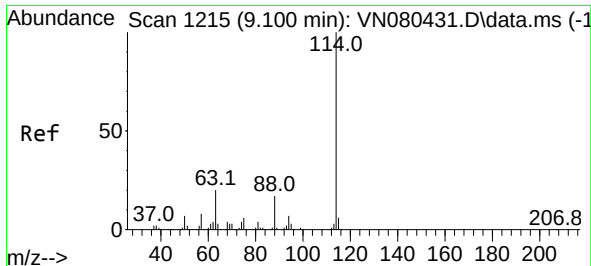
Tgt Ion:168 Resp: 237792
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

Tgt Ion: 65 Resp: 151582
Ion Ratio Lower Upper
65 100
67 50.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080478.D

Acq: 14 Dec 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBL01

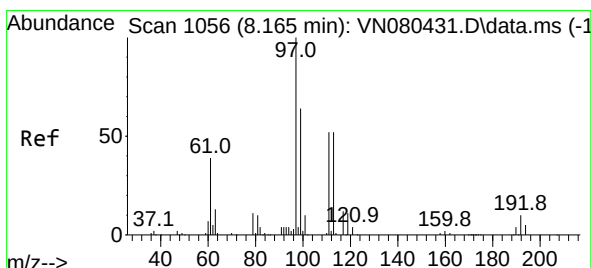
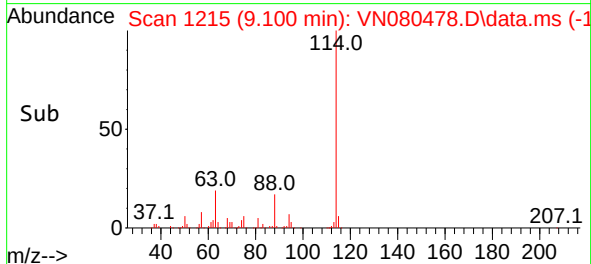
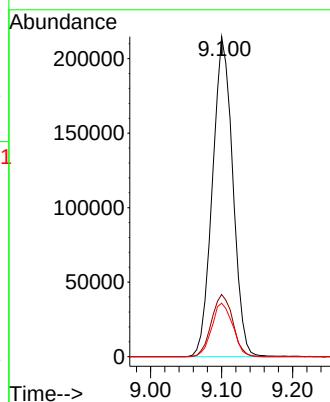
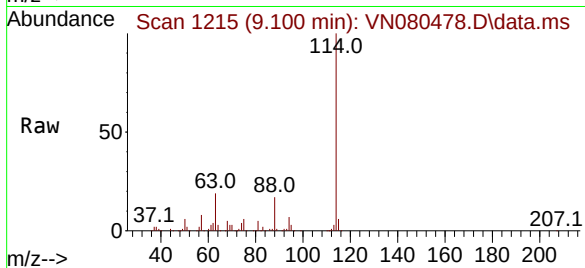
Tgt Ion:114 Resp: 425383

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.946 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080478.D

Acq: 14 Dec 2023 12:12

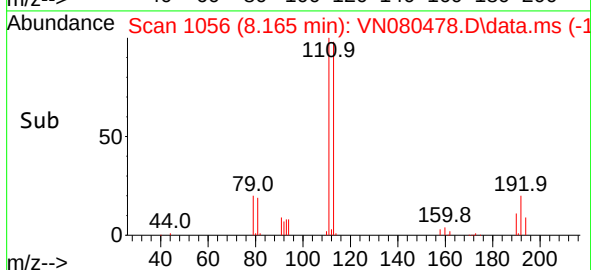
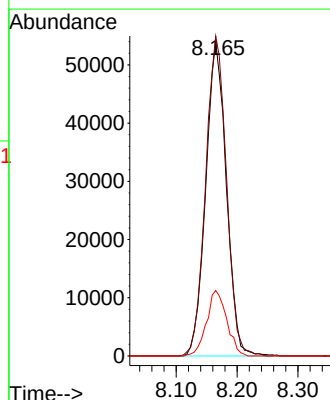
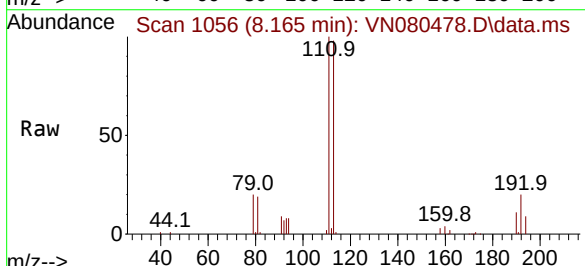
Tgt Ion:113 Resp: 126619

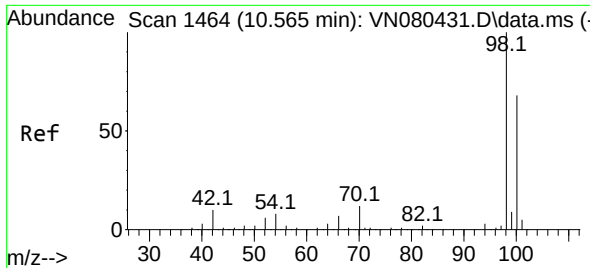
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 20.5 12.7 19.1#

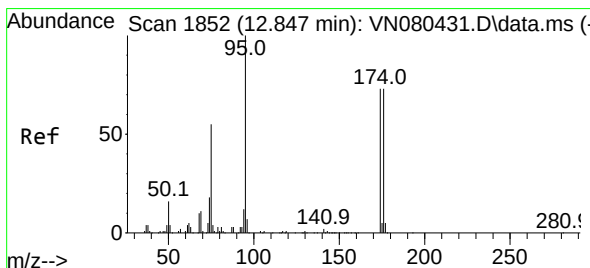
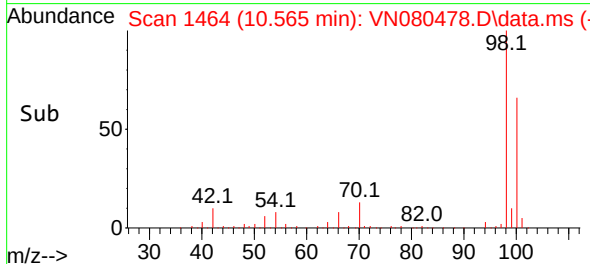
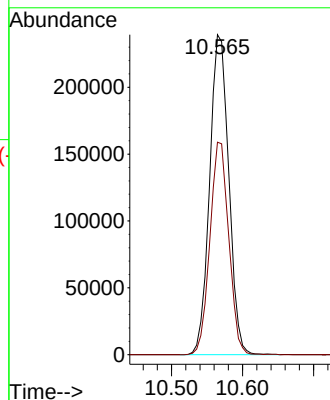
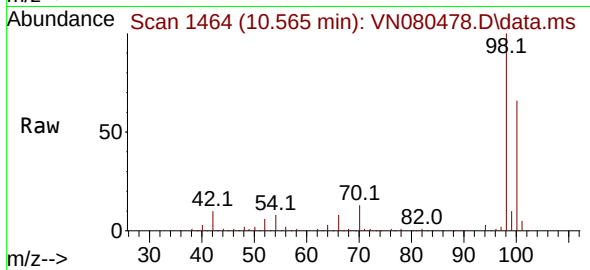




#50
Toluene-d8
Concen: 44.489 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

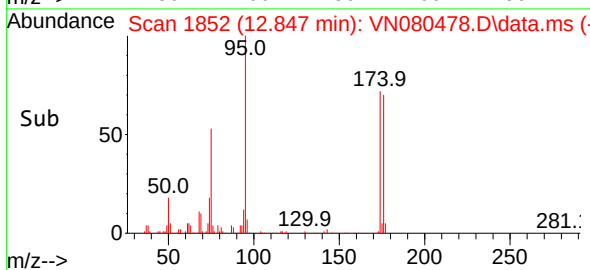
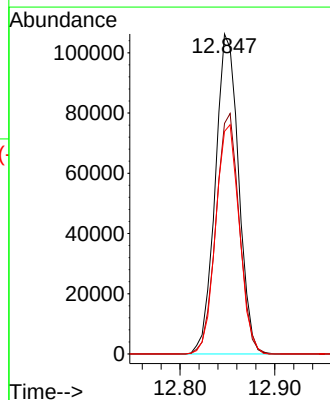
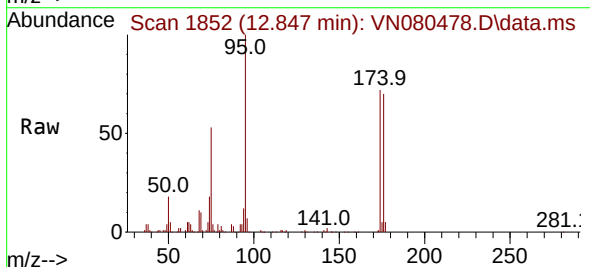
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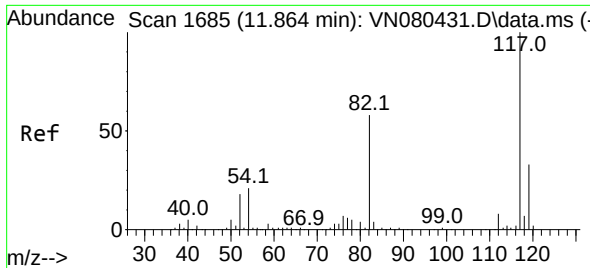
Tgt Ion: 98 Resp: 447505
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.558 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

Tgt Ion: 95 Resp: 181650
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 72.6 0.0 135.8

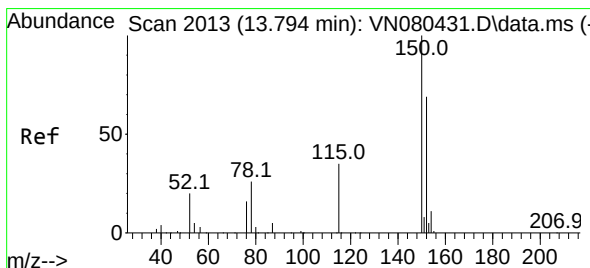
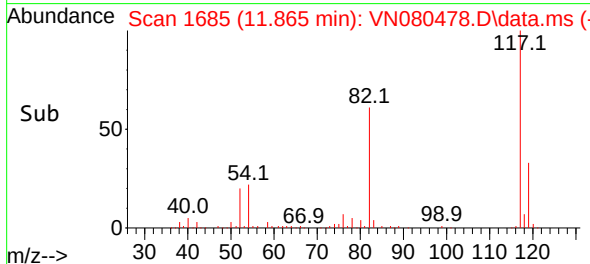
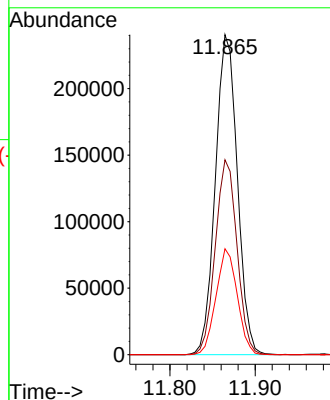
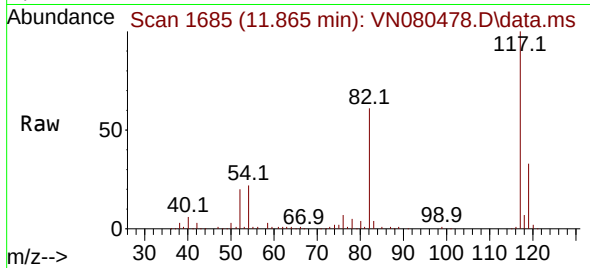




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

Tgt Ion:117 Resp: 431718
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080478.D
Acq: 14 Dec 2023 12:12

Tgt Ion:152 Resp: 192445
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 157.8 0.0 355.8

