

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080439.D
 Acq On : 12 Dec 2023 15:52
 Operator : JC\MD
 Sample : VN1212WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

Quant Time: Dec 13 02:32:30 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	236469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	444606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	470948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185103	61.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.580%
35) Dibromofluoromethane	8.165	113	160695	57.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.000%
50) Toluene-d8	10.565	98	583870	55.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.080%
62) 4-Bromofluorobenzene	12.847	95	241235	60.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.860%

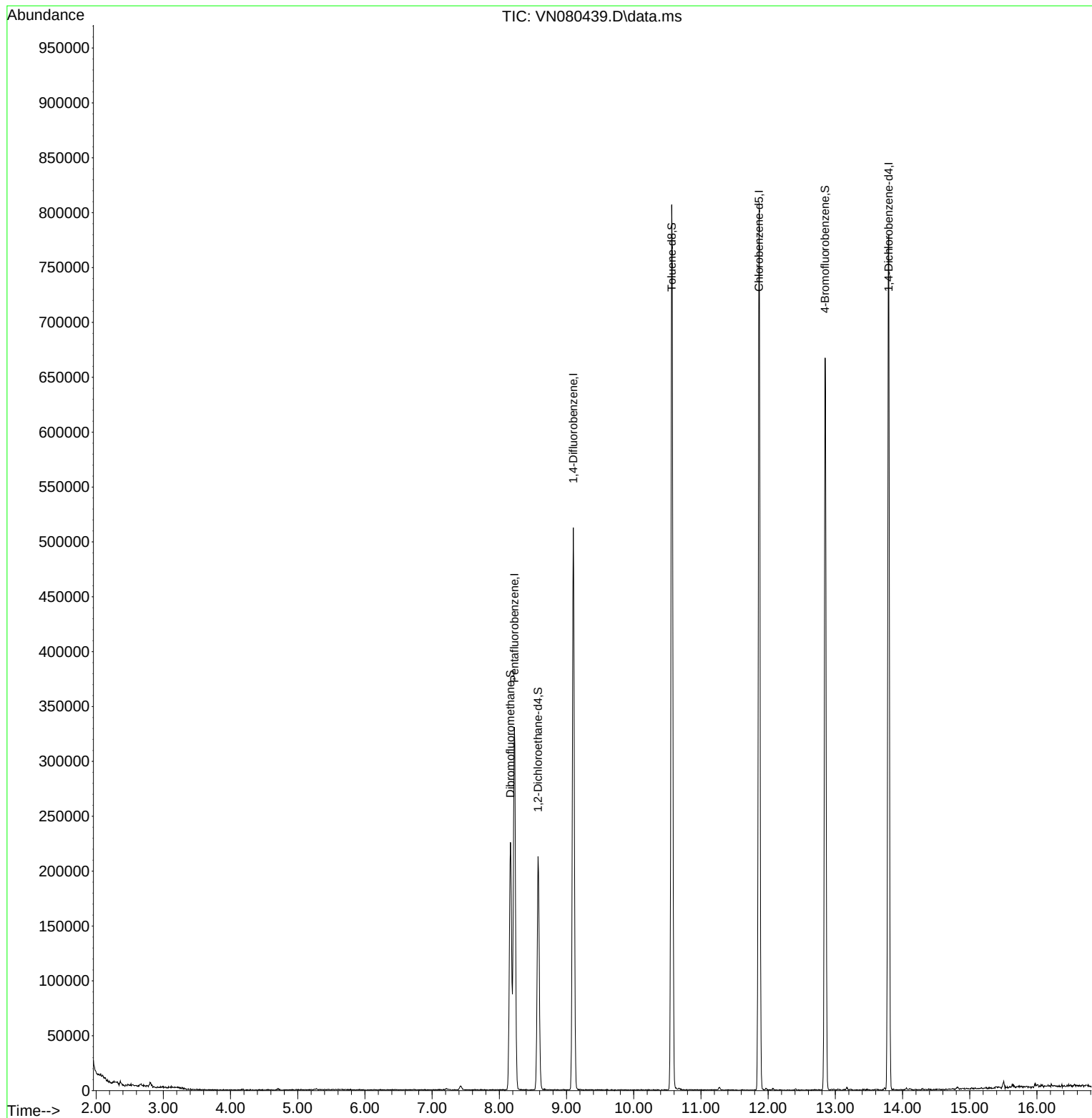
Target Compounds	Qvalue

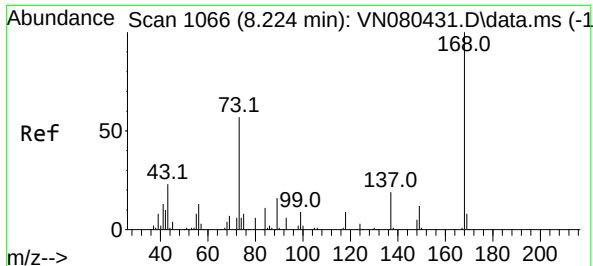
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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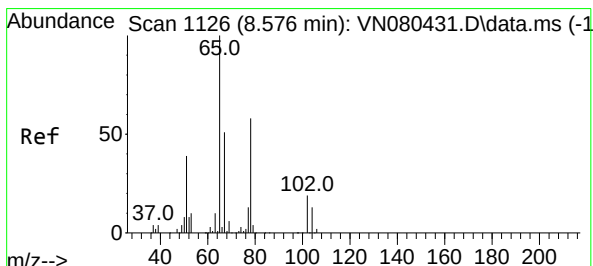
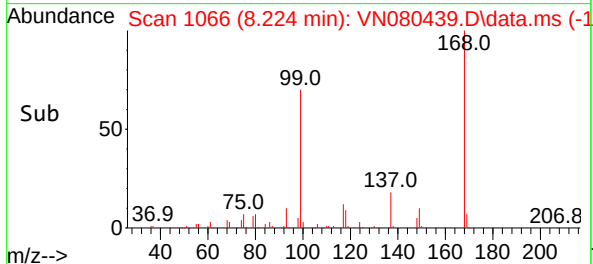
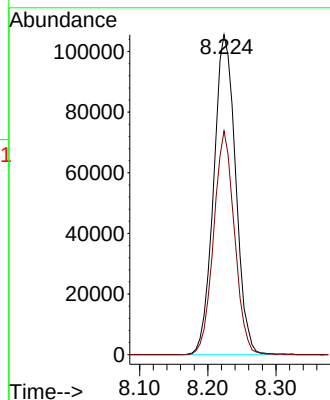
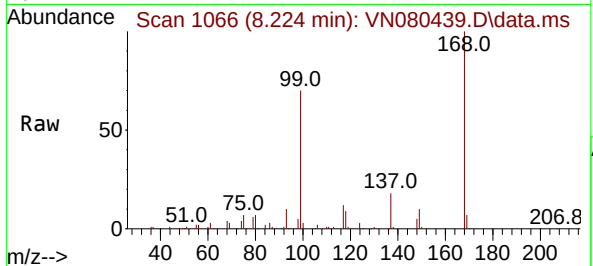




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

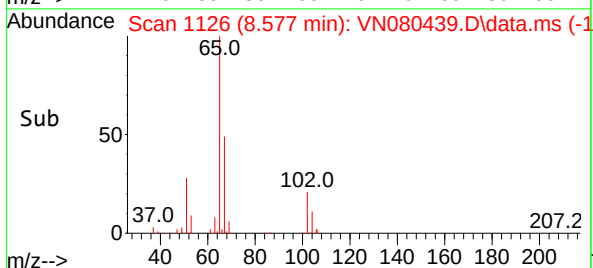
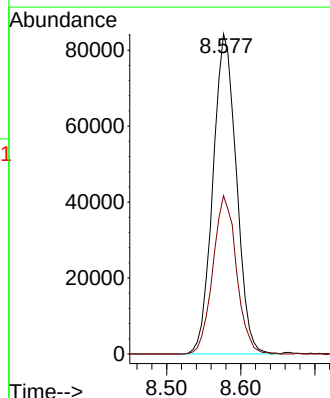
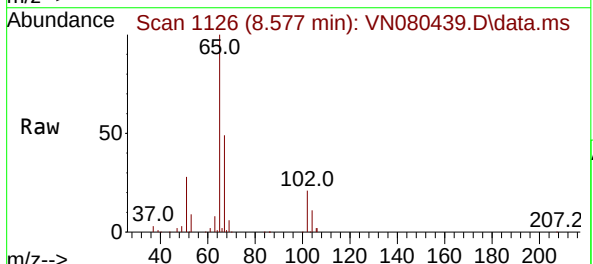
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

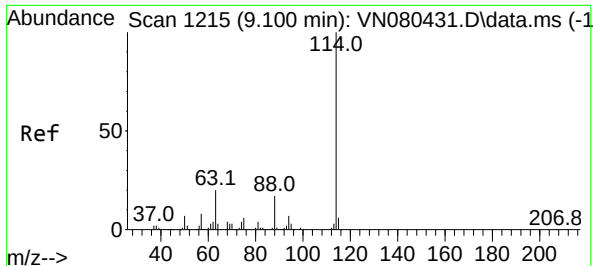
Tgt Ion:168 Resp: 236469
Ion Ratio Lower Upper
168 100
99 69.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.287 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

Tgt Ion: 65 Resp: 185103
Ion Ratio Lower Upper
65 100
67 49.7 0.0 106.6

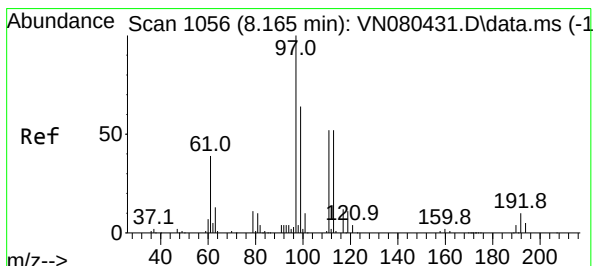
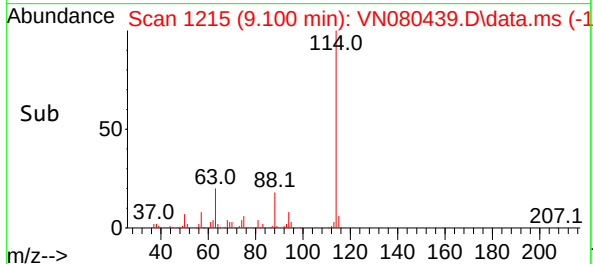
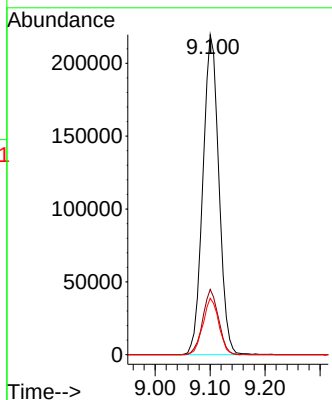
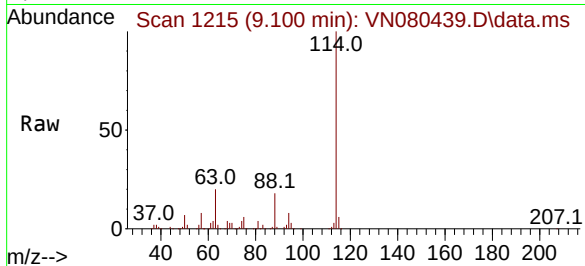




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

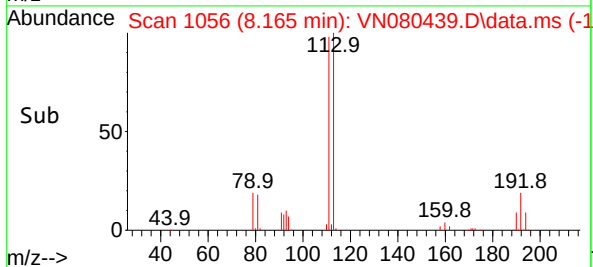
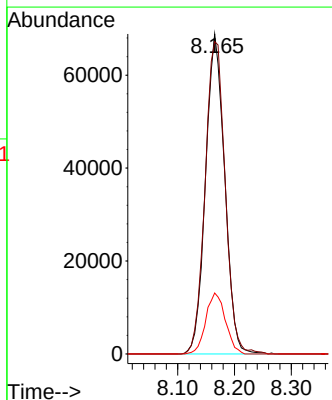
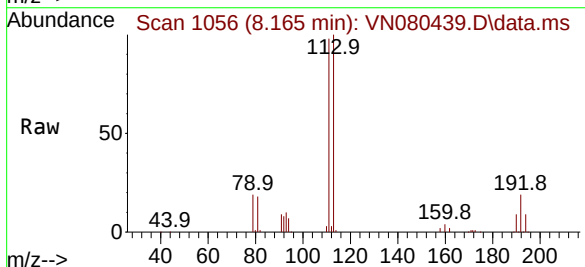
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

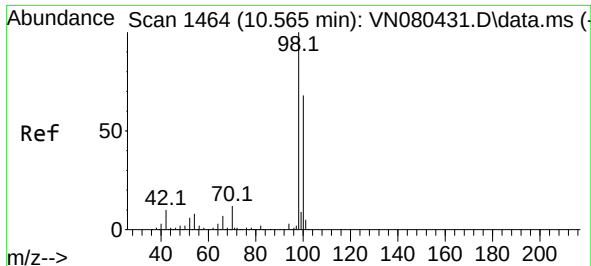
Tgt Ion:114 Resp: 444606
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 17.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.005 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

Tgt Ion:113 Resp: 160695
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.5 12.7 19.1#

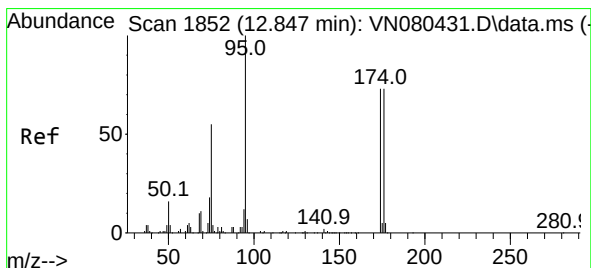
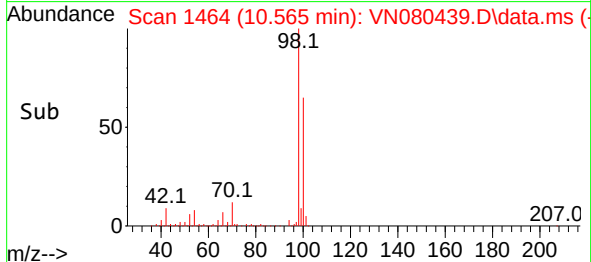
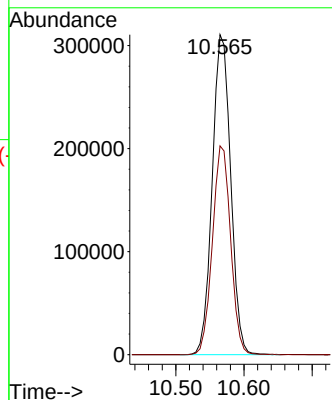
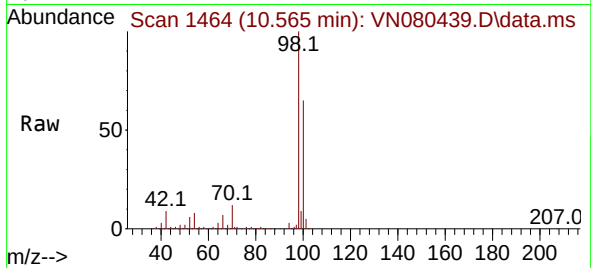




#50
Toluene-d8
Concen: 55.536 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

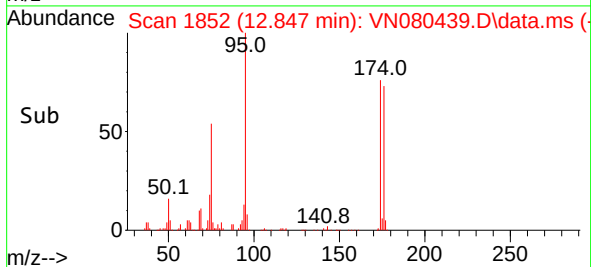
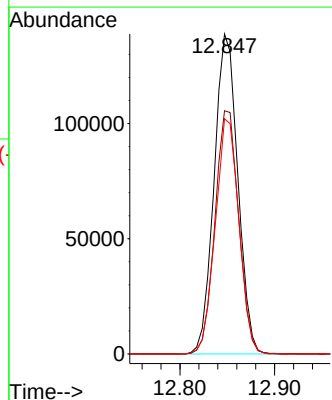
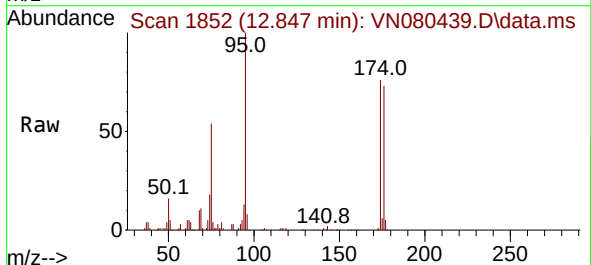
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

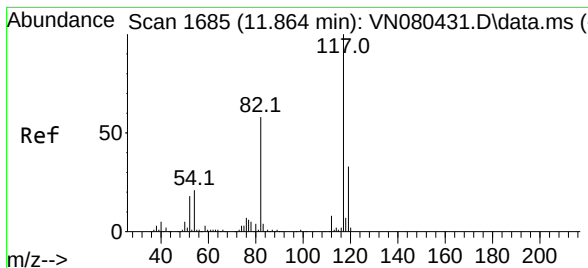
Tgt Ion: 98 Resp: 583870
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.427 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080439.D
Acq: 12 Dec 2023 15:52

Tgt Ion: 95 Resp: 241235
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080439.D

Acq: 12 Dec 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBL01

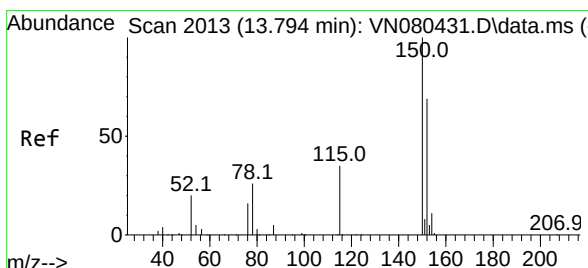
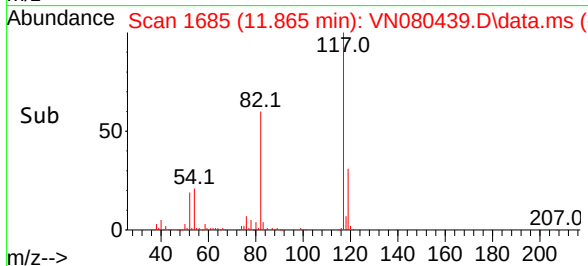
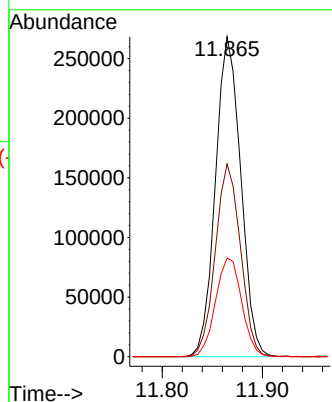
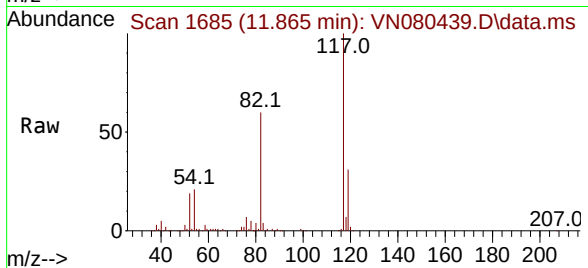
Tgt Ion:117 Resp: 470948

Ion Ratio Lower Upper

117 100

82 60.1 44.0 66.0

119 30.8 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: VN080439.D

Acq: 12 Dec 2023 15:52

Tgt Ion:152 Resp: 218740

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 156.9 0.0 355.8

