

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078102.D
 Acq On : 07 Jun 2023 14:40
 Operator : JC\MD
 Sample : 03037-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jun 08 05:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	376963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	693269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	595191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	174540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252962	50.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.660%
35) Dibromofluoromethane	8.171	113	221714	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.571	98	838765	49.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.853	95	235433	44.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%

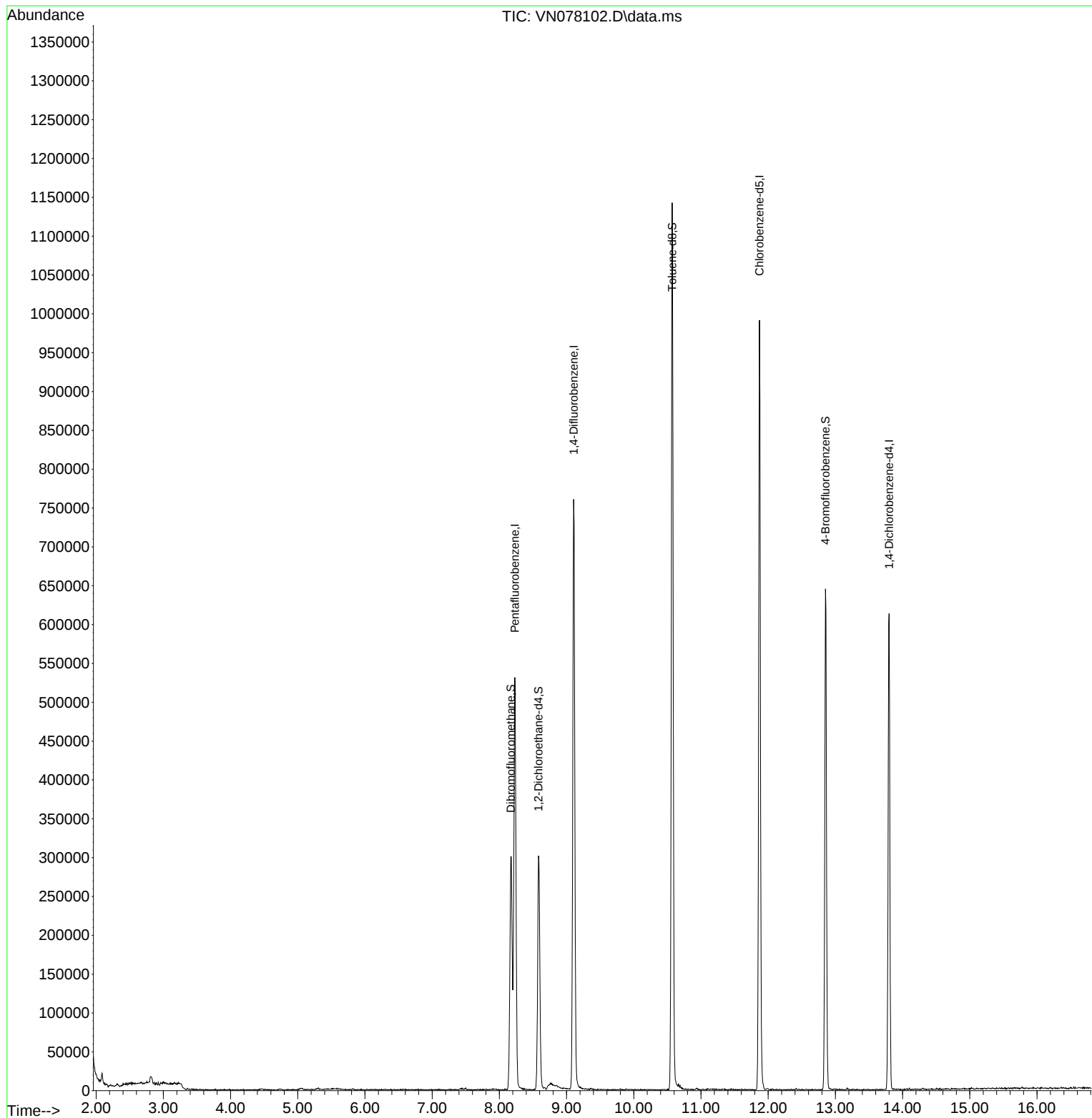
Target Compounds	Qvalue

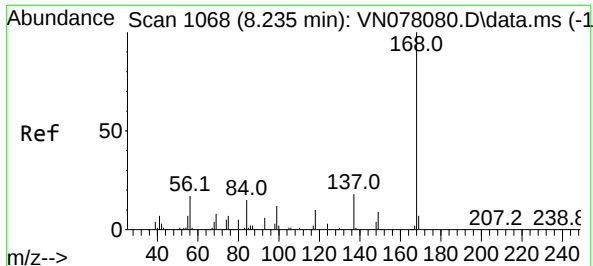
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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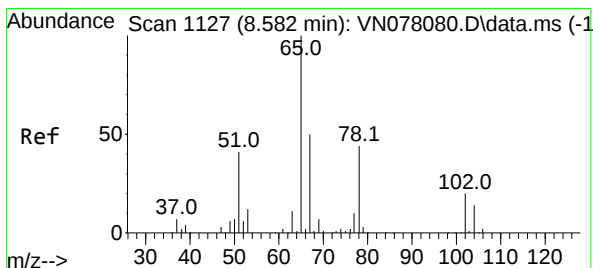
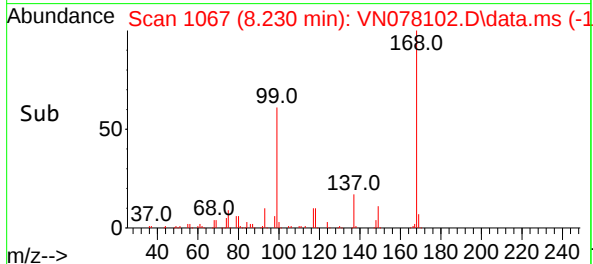
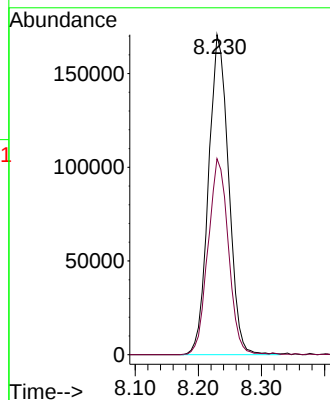
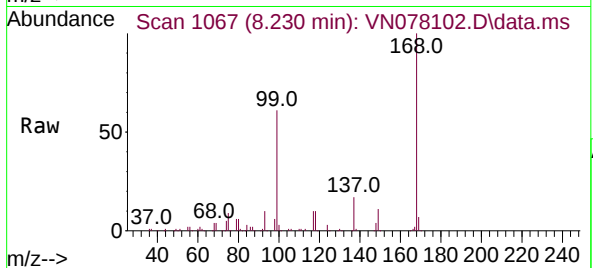




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078102.D
Acq: 07 Jun 2023 14:40

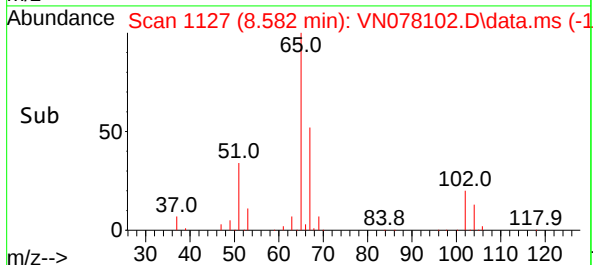
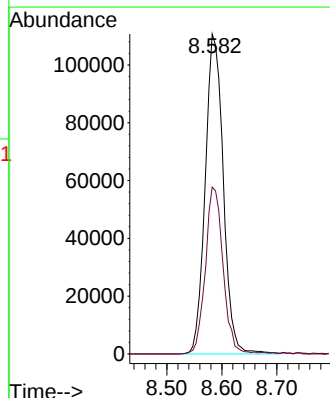
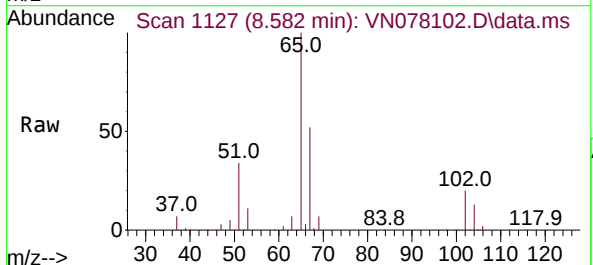
Instrument :
MSVOA_N
ClientSampleId :
MW-4

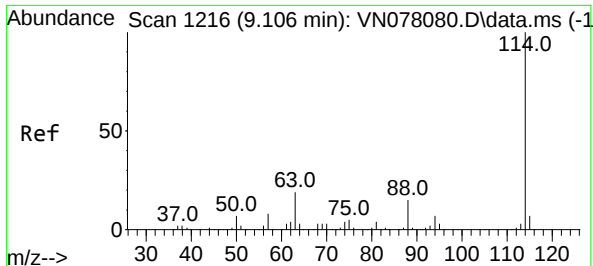
Tgt Ion:168 Resp: 376963
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.330 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078102.D
Acq: 07 Jun 2023 14:40

Tgt Ion: 65 Resp: 252962
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078102.D

Acq: 07 Jun 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4

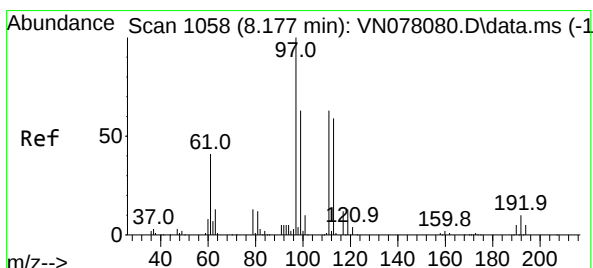
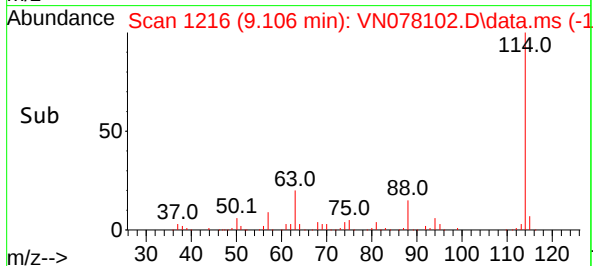
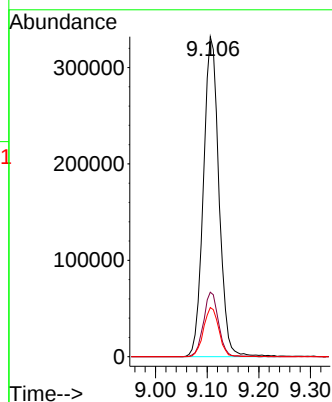
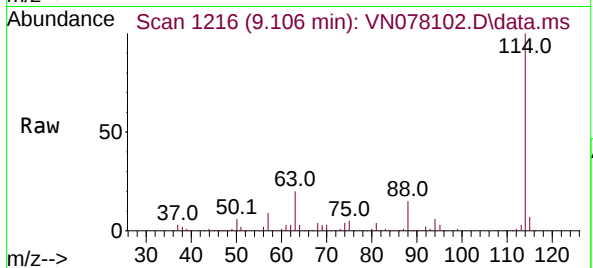
Tgt Ion:114 Resp: 693269

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.580 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078102.D

Acq: 07 Jun 2023 14:40

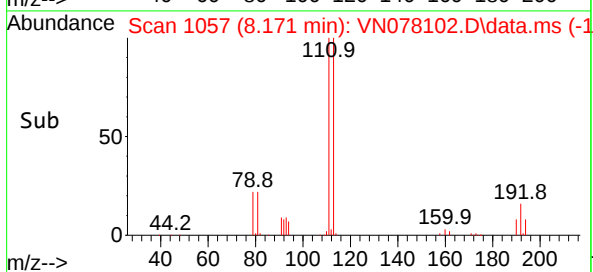
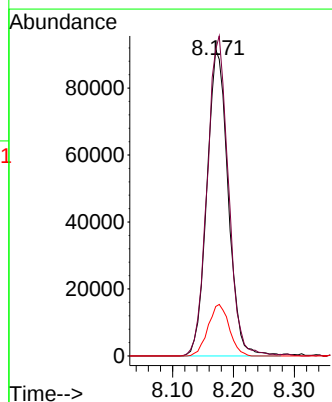
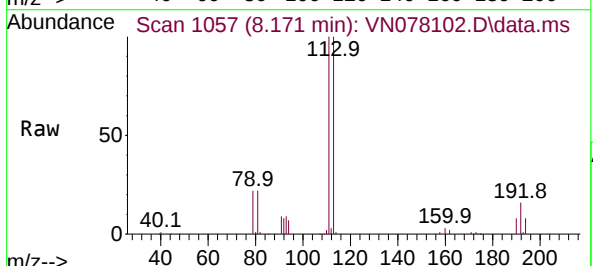
Tgt Ion:113 Resp: 221714

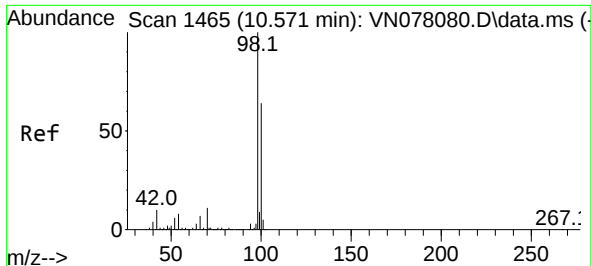
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.7 12.7 19.1

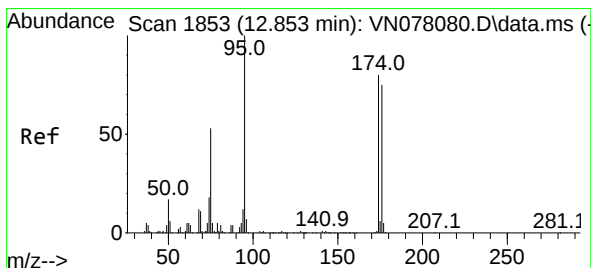
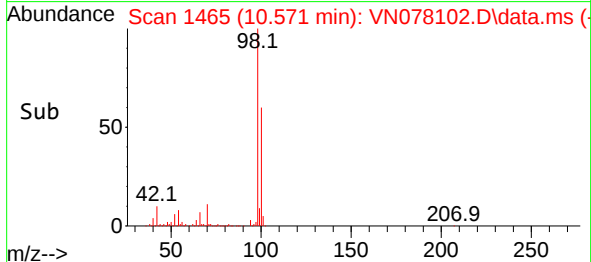
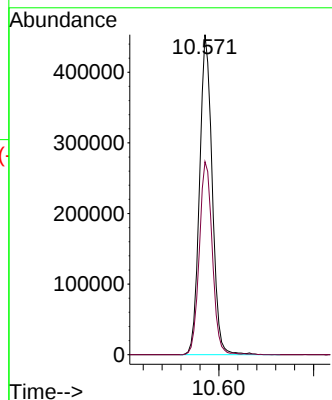
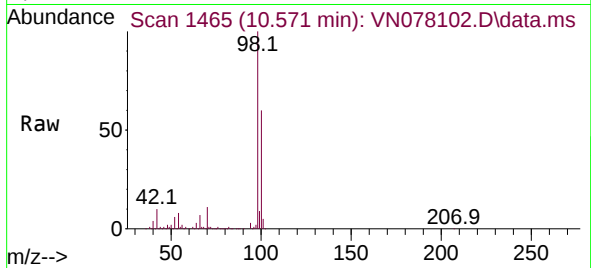




#50
Toluene-d8
Concen: 49.635 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078102.D
Acq: 07 Jun 2023 14:40

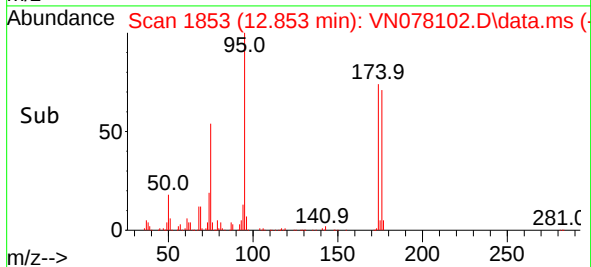
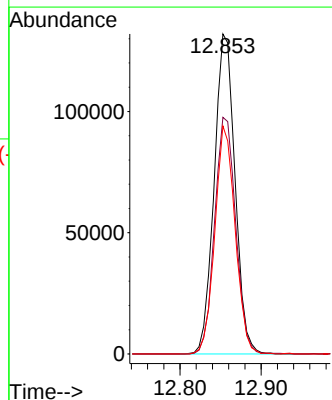
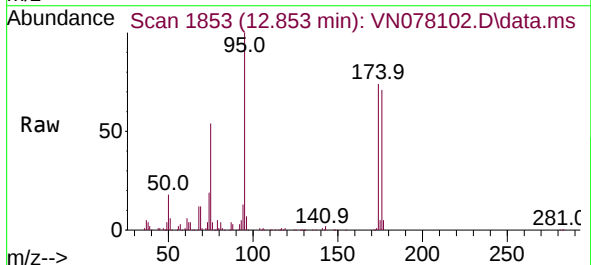
Instrument :
MSVOA_N
ClientSampleId :
MW-4

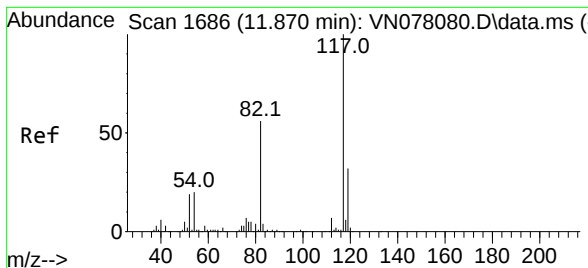
Tgt Ion: 98 Resp: 838765
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078102.D
Acq: 07 Jun 2023 14:40

Tgt Ion: 95 Resp: 235433
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 69.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078102.D

Acq: 07 Jun 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4

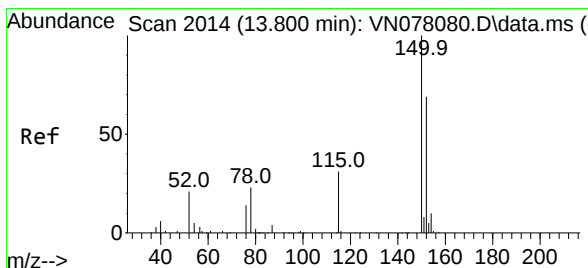
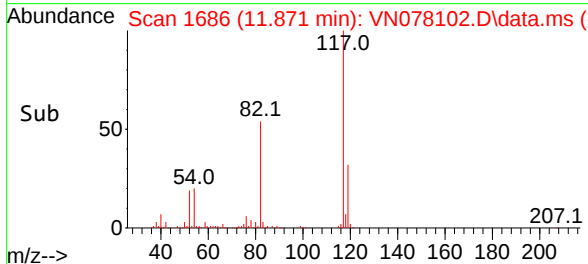
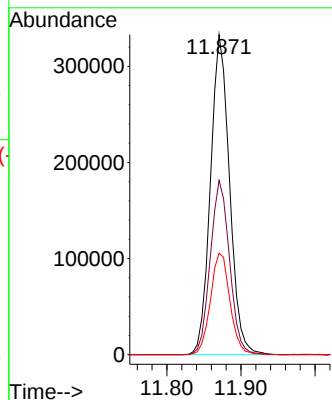
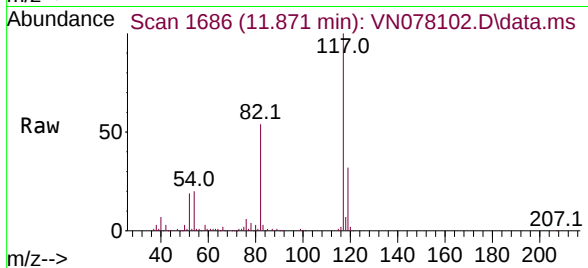
Tgt Ion:117 Resp: 595191

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078102.D

Acq: 07 Jun 2023 14:40

Tgt Ion:152 Resp: 174540

Ion Ratio Lower Upper

152 100

115 58.6 32.3 96.8

150 154.7 0.0 355.8

