

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078490.D
 Acq On : 13 Jul 2023 11:31
 Operator : JC\MD
 Sample : VN0713WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBL01

Quant Time: Jul 14 01:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	435032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	776060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	688942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	289429	49.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.177	113	284387	53.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.960%
50) Toluene-d8	10.576	98	911305	45.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.853	95	284998	46.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

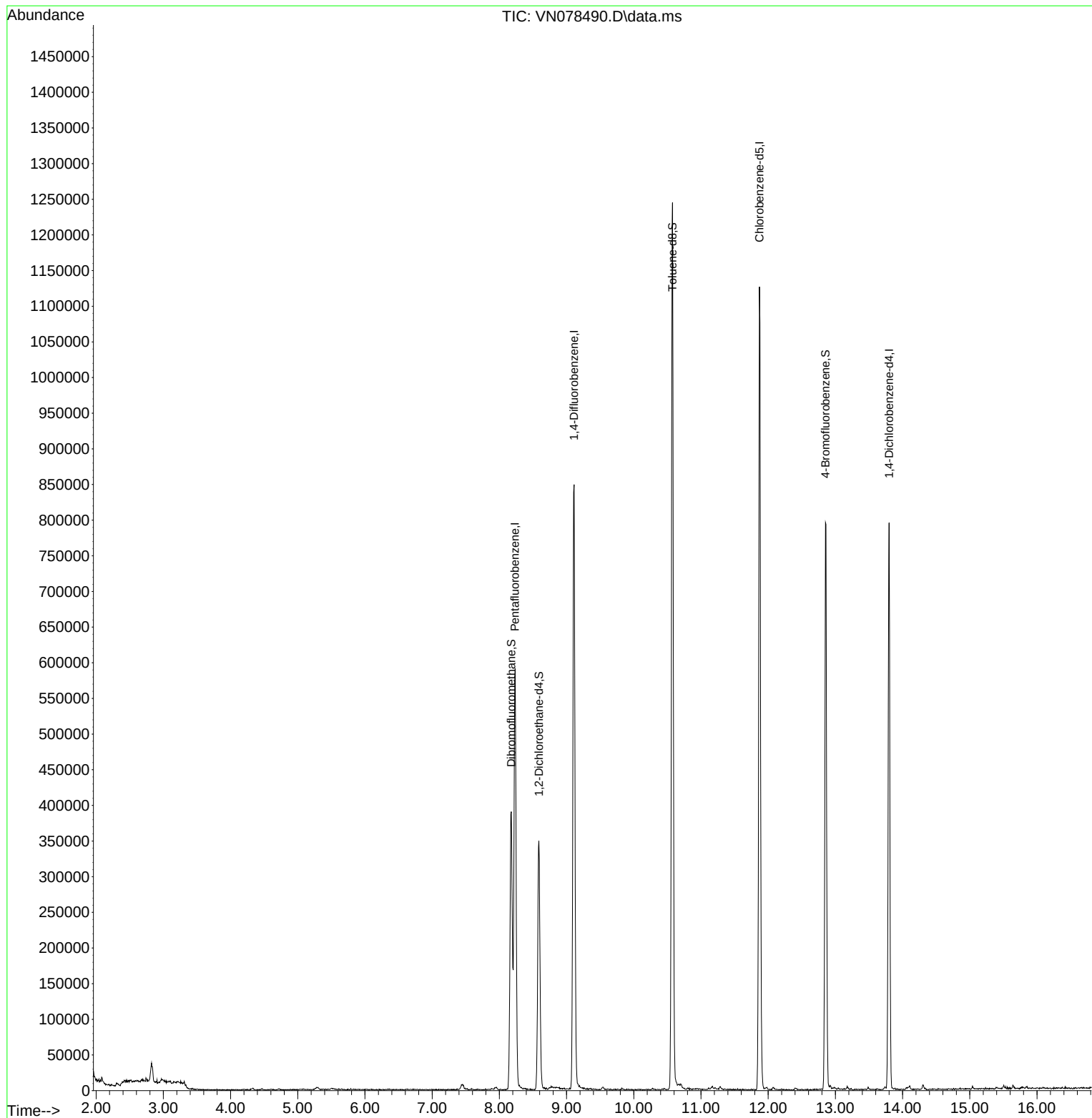
Target Compounds	Qvalue

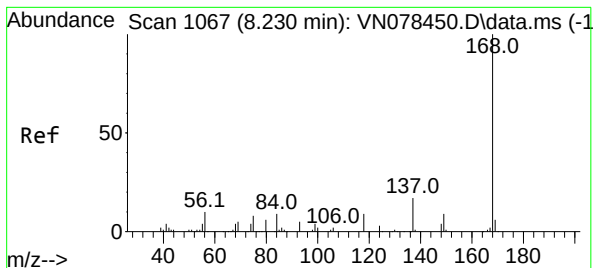
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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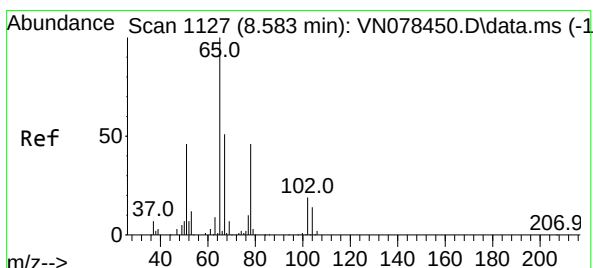
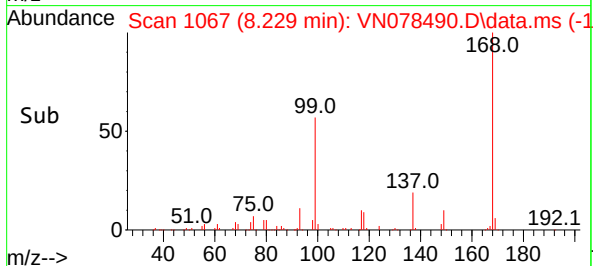
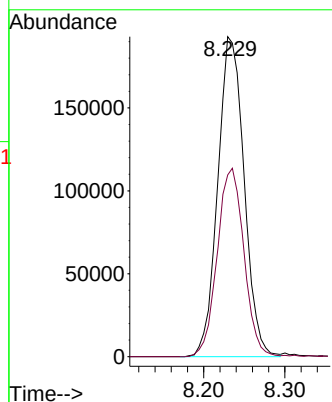
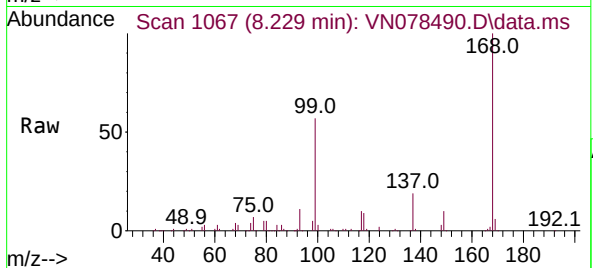




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078490.D
Acq: 13 Jul 2023 11:31

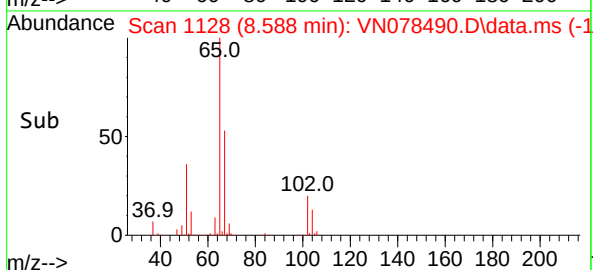
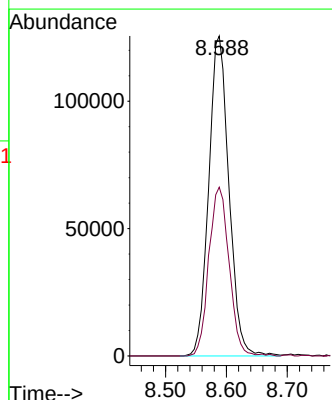
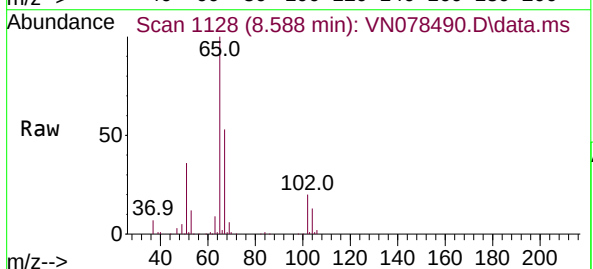
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

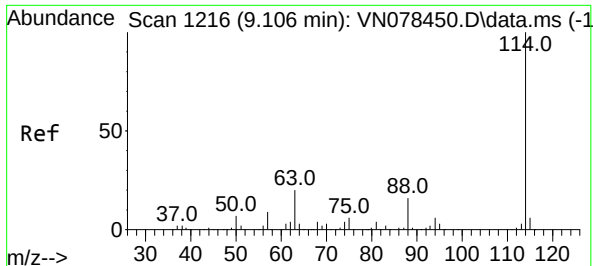
Tgt Ion:168 Resp: 435032
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.627 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078490.D
Acq: 13 Jul 2023 11:31

Tgt Ion: 65 Resp: 289429
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078490.D

Acq: 13 Jul 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBL01

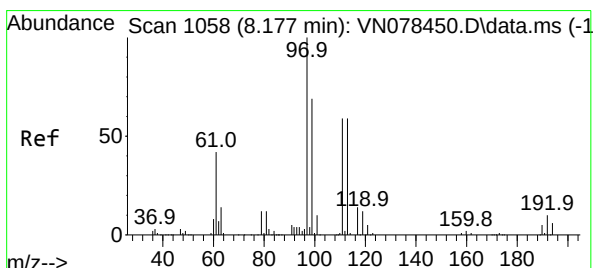
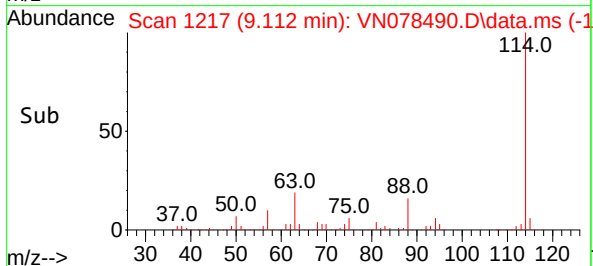
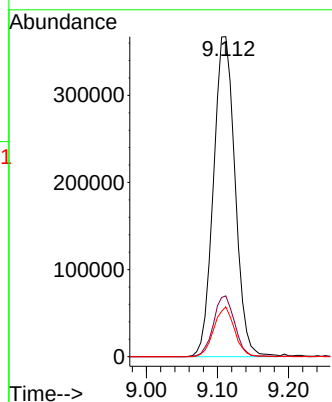
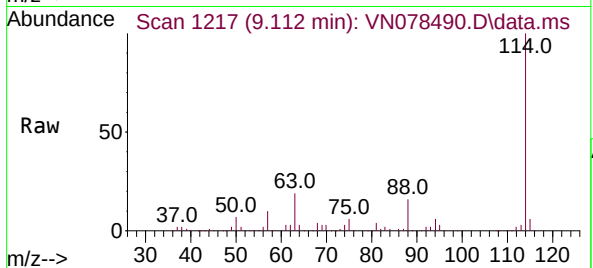
Tgt Ion:114 Resp: 776060

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.982 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078490.D

Acq: 13 Jul 2023 11:31

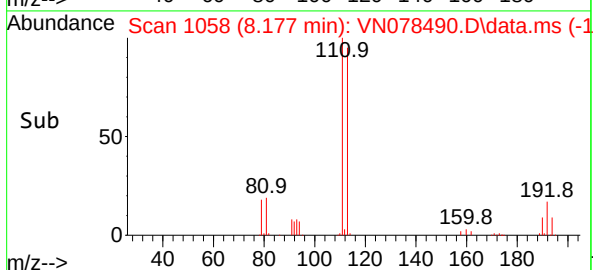
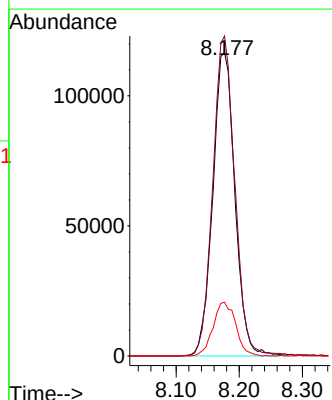
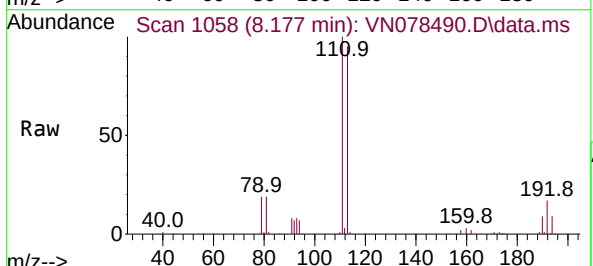
Tgt Ion:113 Resp: 284387

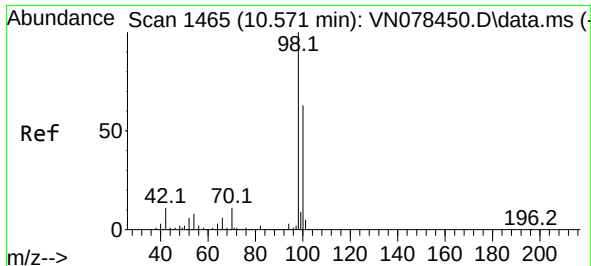
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 18.1 12.7 19.1

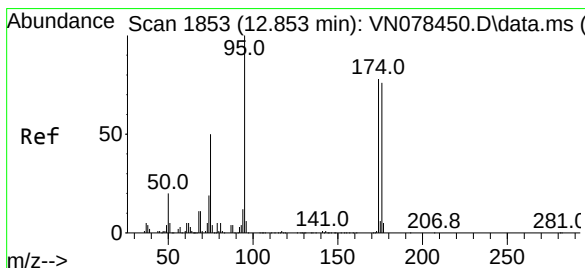
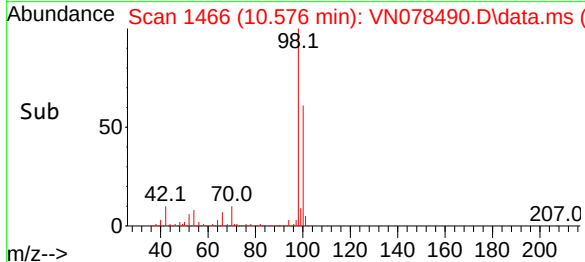
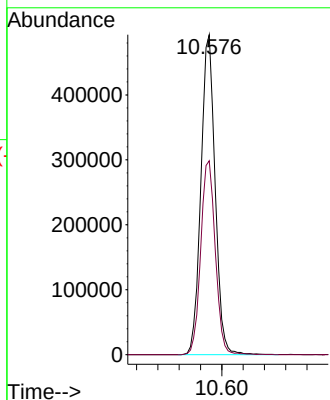
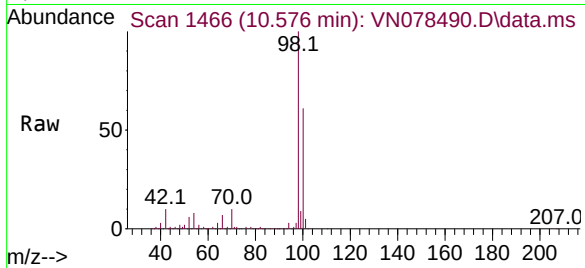




#50
Toluene-d8
Concen: 45.791 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078490.D
Acq: 13 Jul 2023 11:31

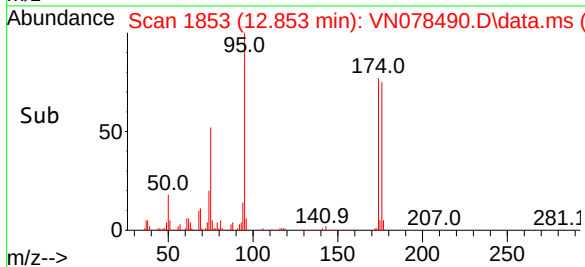
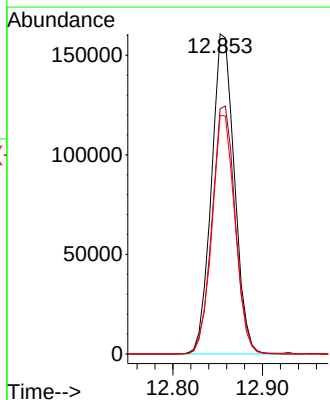
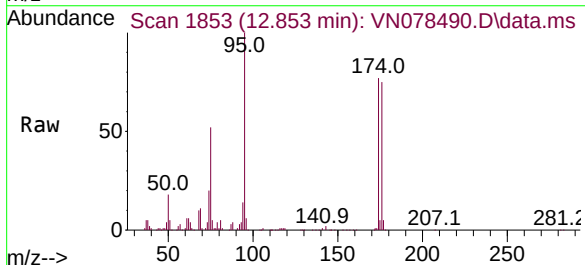
Instrument :
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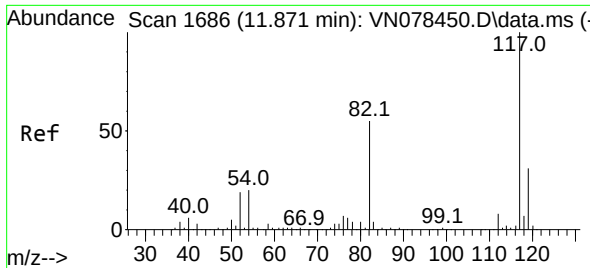
Tgt Ion: 98 Resp: 911305
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.492 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078490.D
Acq: 13 Jul 2023 11:31

Tgt Ion: 95 Resp: 284998
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 74.9 0.0 135.8

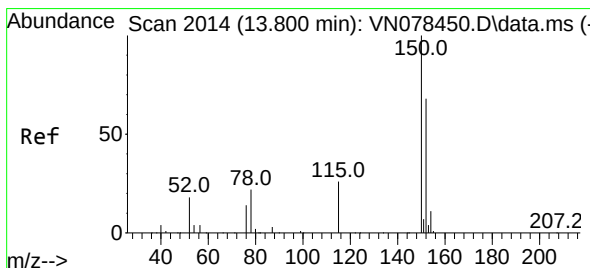
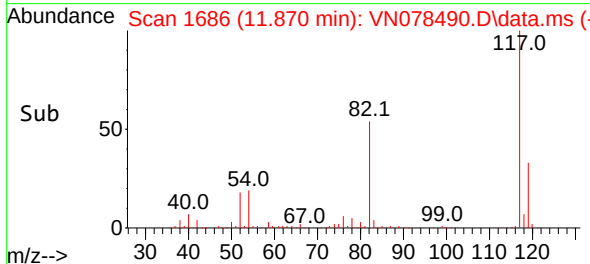
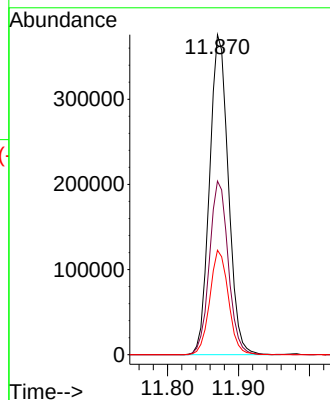
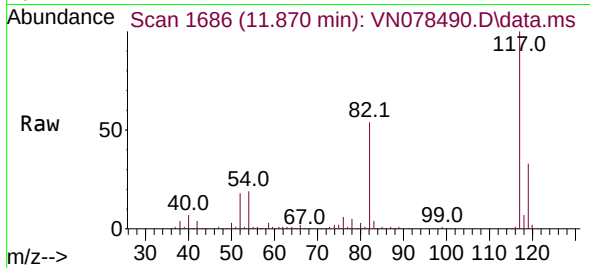




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078490.D
Acq: 13 Jul 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBL01

Tgt Ion:117 Resp: 688942
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.7 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: VN078490.D
Acq: 13 Jul 2023 11:31

Tgt Ion:152 Resp: 220796
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 155.0 0.0 355.8

