

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078159.D
 Acq On : 12 Jun 2023 11:16
 Operator : JC\MD
 Sample : VN0612WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Quant Time: Jun 13 01:29:31 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	8.235	168	497487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	922139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	810544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	349813	52.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.480%
35) Dibromofluoromethane	8.177	113	310223	53.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	10.571	98	1093777	48.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.853	95	345730	49.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%

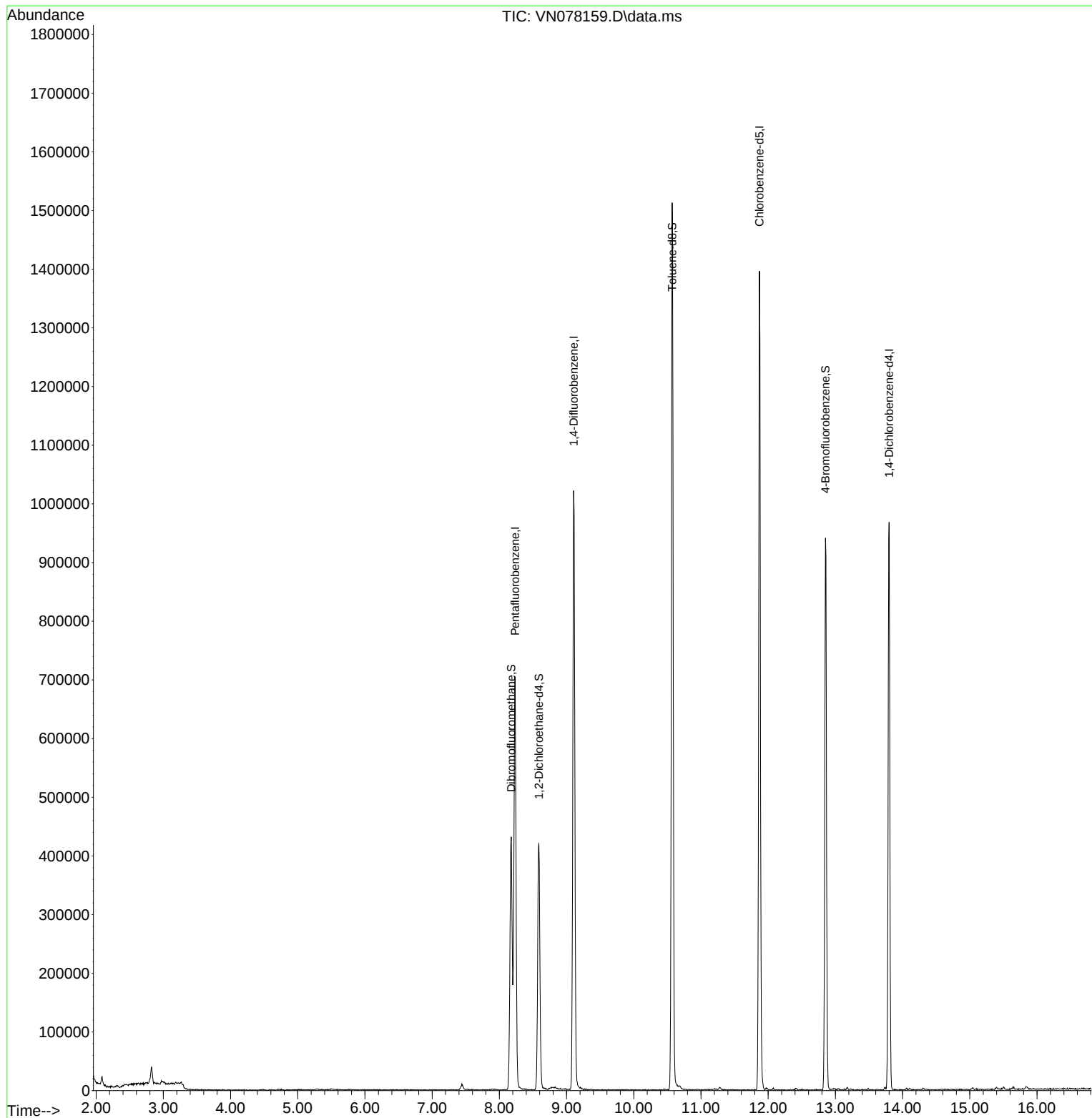
Target Compounds	Qvalue

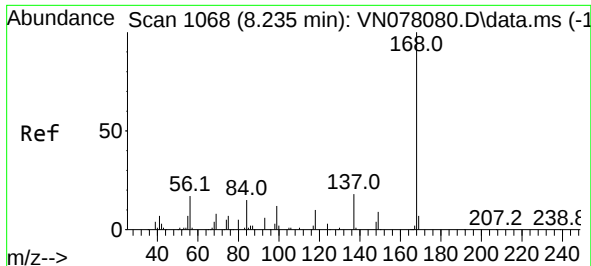
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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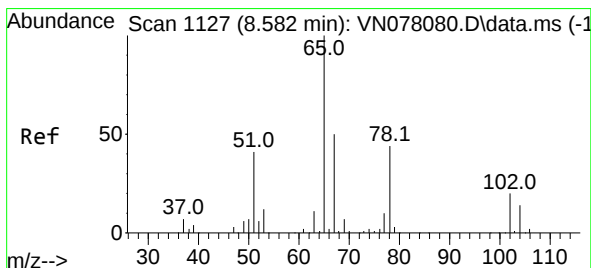
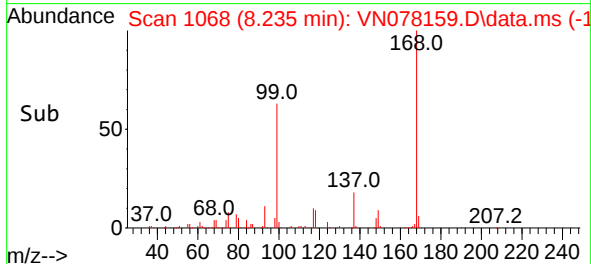
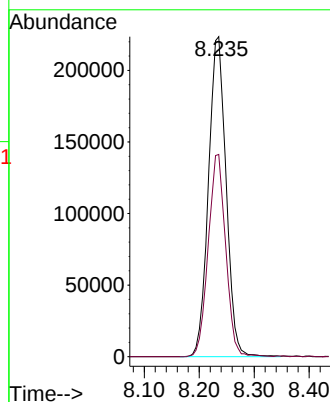
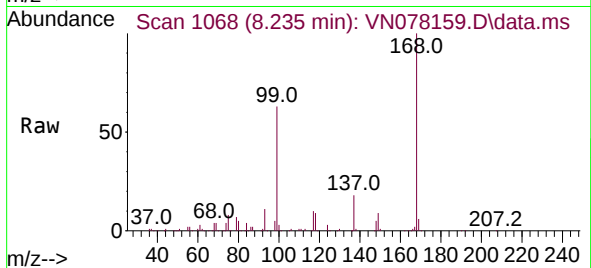




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN078159.D
Acq: 12 Jun 2023 11:16

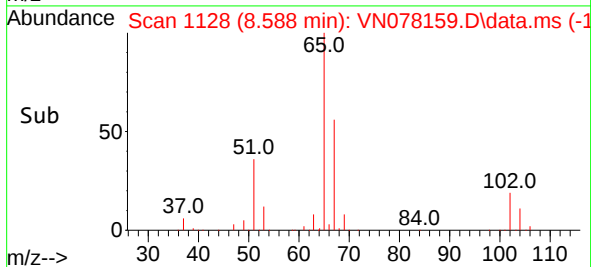
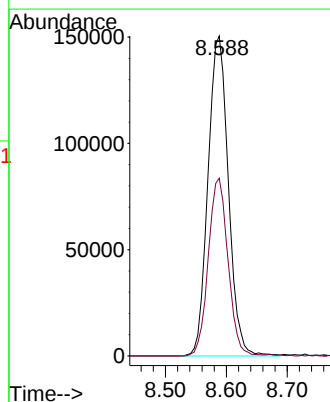
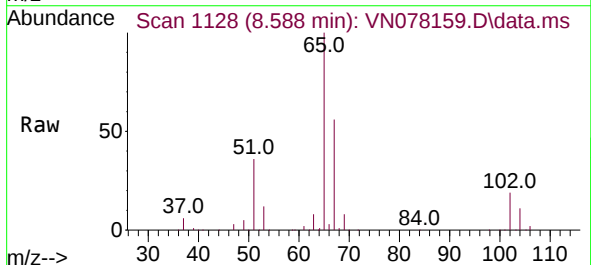
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

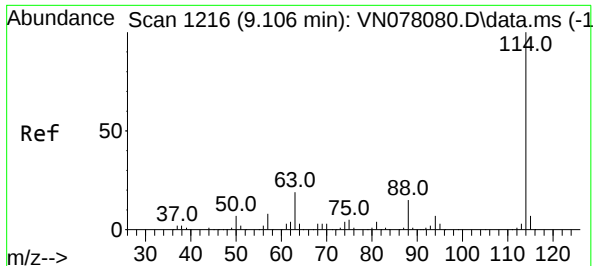
Tgt Ion:168 Resp: 497487
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078159.D
Acq: 12 Jun 2023 11:16

Tgt Ion: 65 Resp: 349813
Ion Ratio Lower Upper
65 100
67 53.8 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: VN078159.D

Acq: 12 Jun 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01

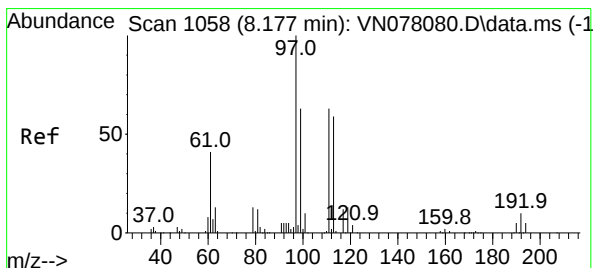
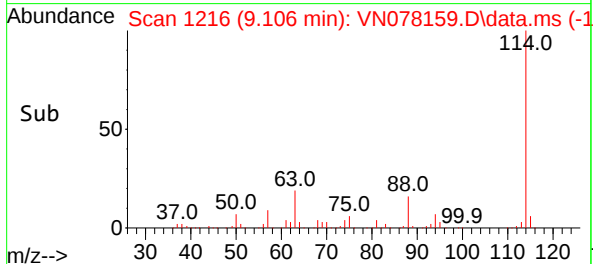
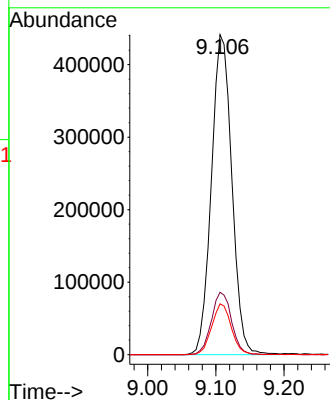
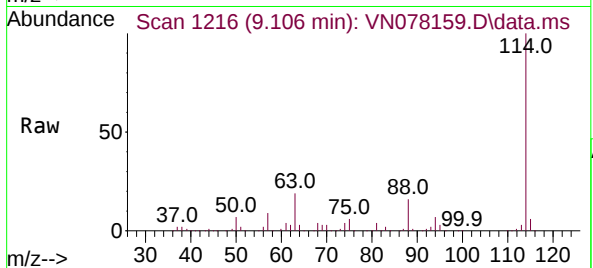
Tgt Ion:114 Resp: 922139

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.206 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078159.D

Acq: 12 Jun 2023 11:16

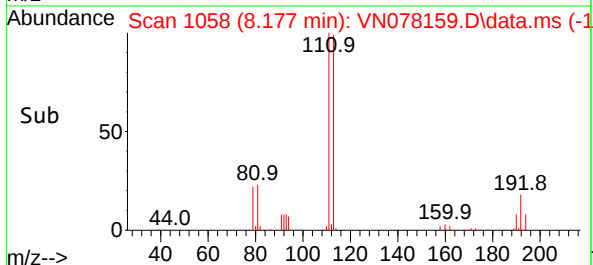
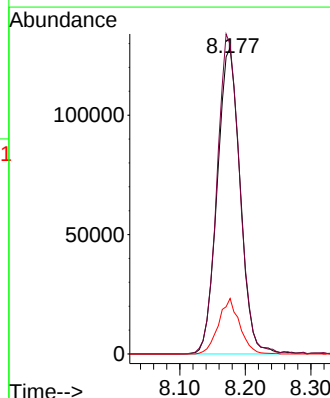
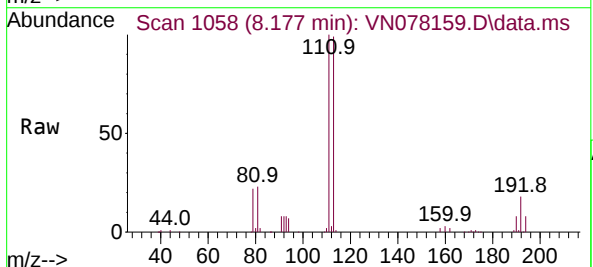
Tgt Ion:113 Resp: 310223

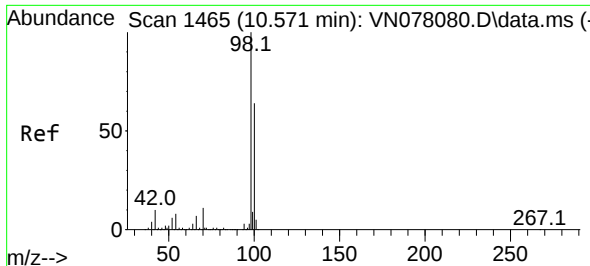
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.7 12.7 19.1

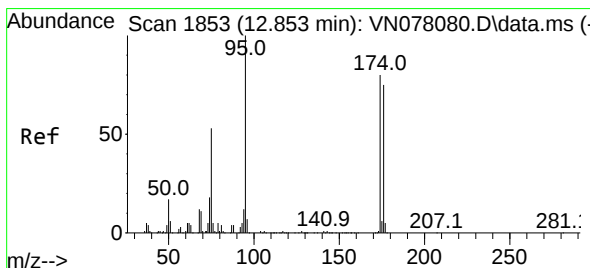
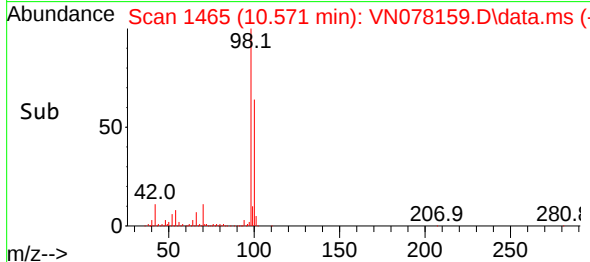
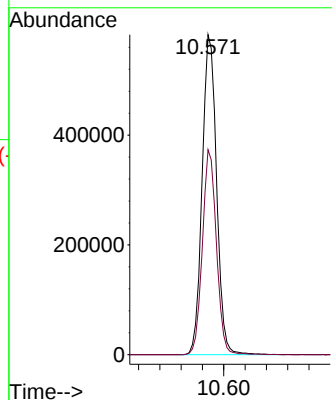
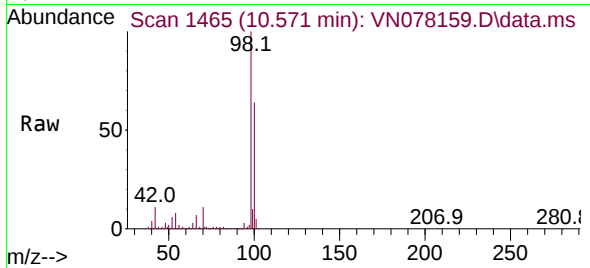




#50
Toluene-d8
Concen: 48.661 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078159.D
Acq: 12 Jun 2023 11:16

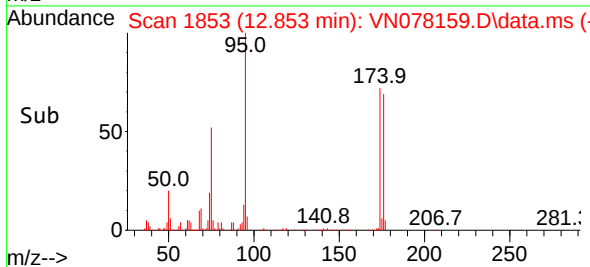
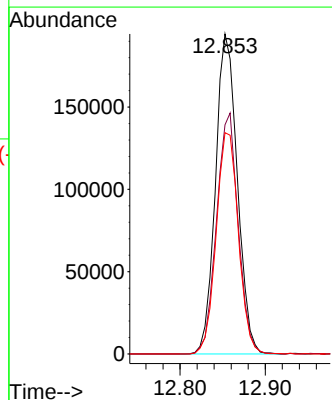
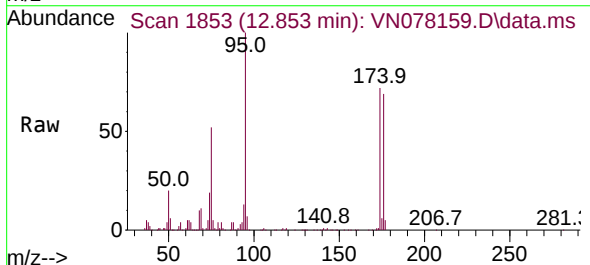
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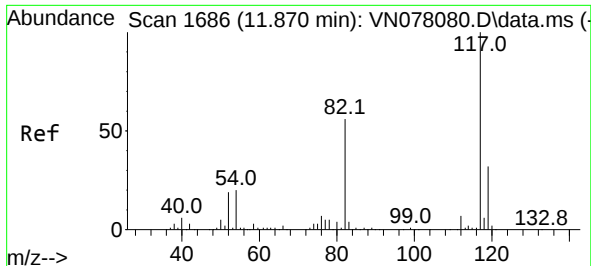
Tgt Ion: 98 Resp: 1093777
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078159.D
Acq: 12 Jun 2023 11:16

Tgt Ion: 95 Resp: 345730
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.3 0.0 135.8

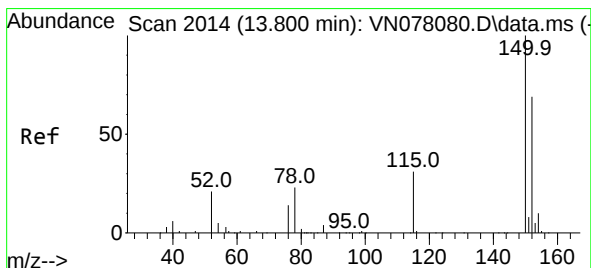
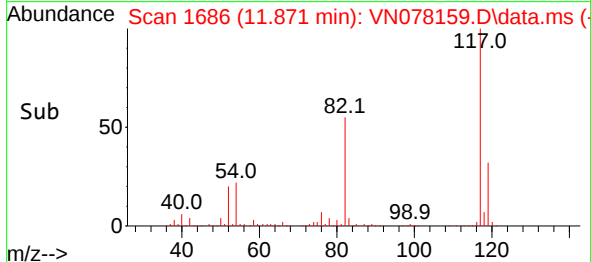
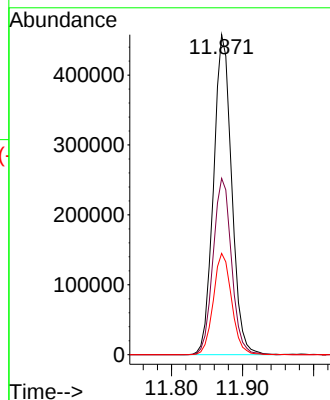
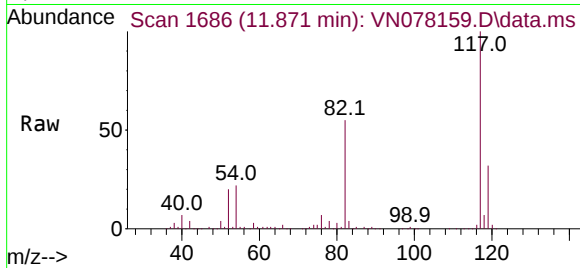




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078159.D
Acq: 12 Jun 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

Tgt Ion:117 Resp: 810544
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.7 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: VN078159.D
Acq: 12 Jun 2023 11:16

Tgt Ion:152 Resp: 264179
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 158.3 0.0 355.8

