

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078495.D
 Acq On : 13 Jul 2023 13:46
 Operator : JC\MD
 Sample : 03609-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230712039-09-TRIP-BLANK

Quant Time: Jul 14 01:32:48 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	8.236	168	426049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	757793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	706868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	249331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277831	48.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.177	113	281542	54.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.460%
50) Toluene-d8	10.577	98	882921	45.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.853	95	312375	52.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%

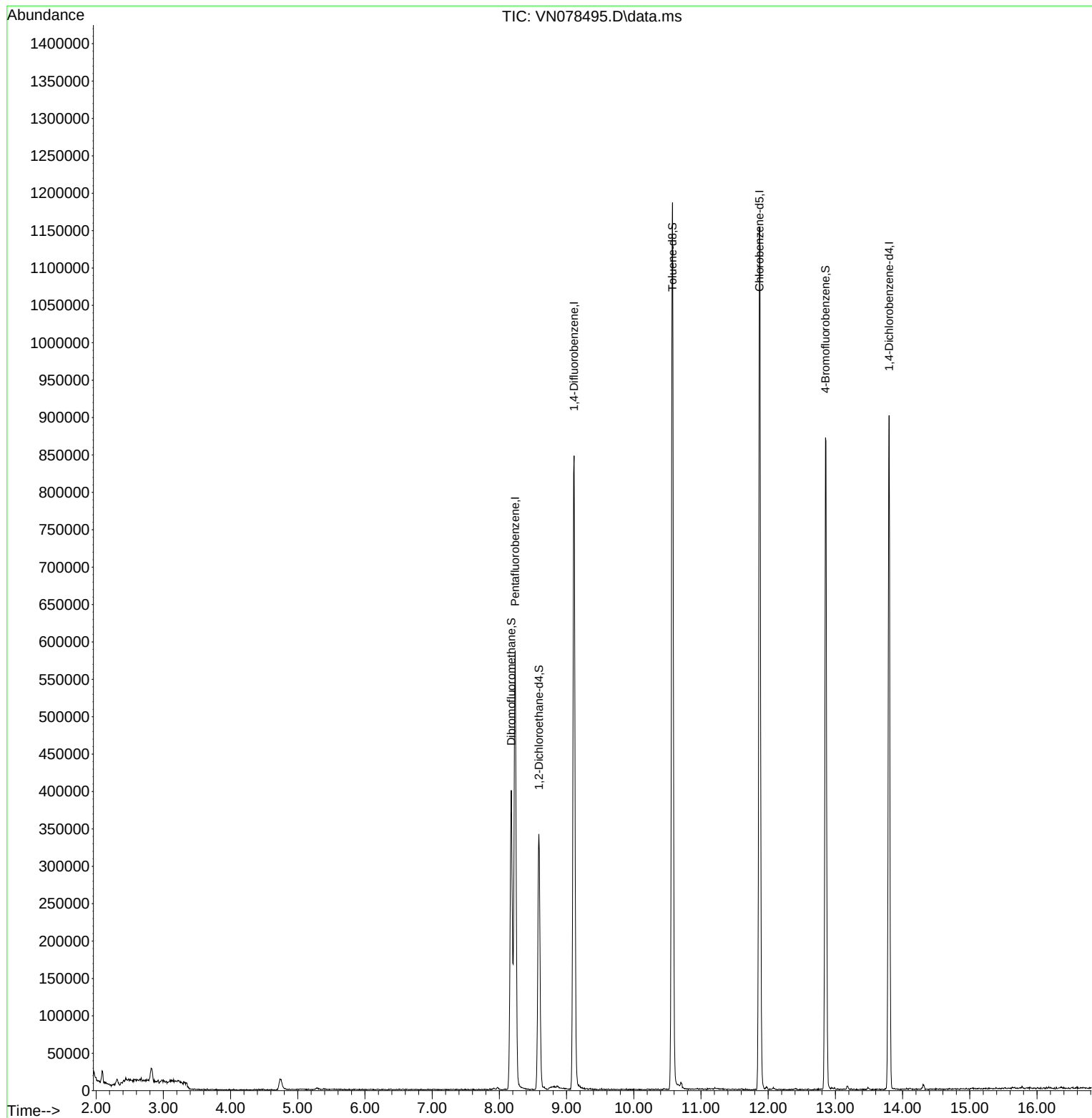
Target Compounds	Qvalue

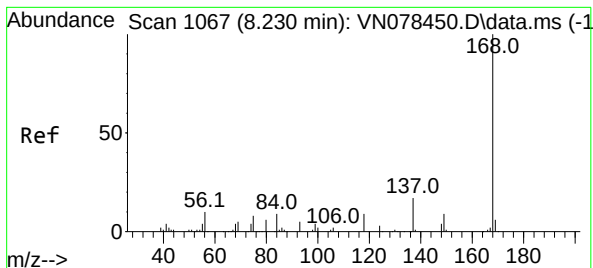
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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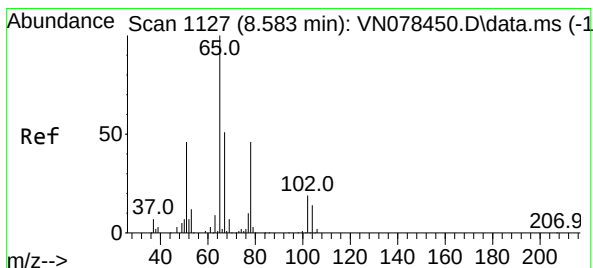
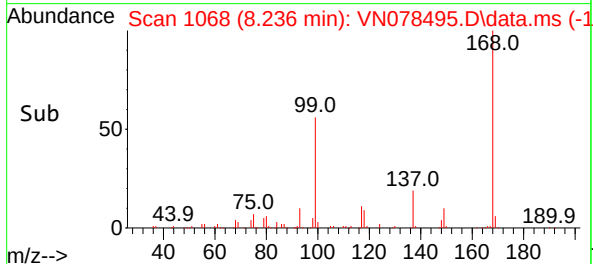
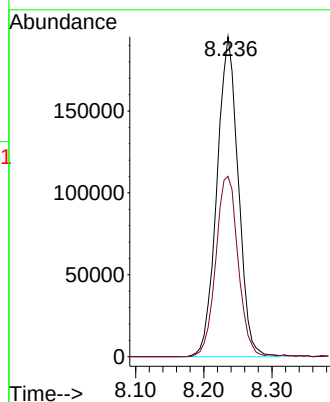
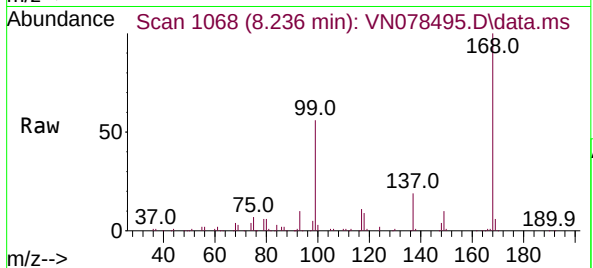




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078495.D
Acq: 13 Jul 2023 13:46

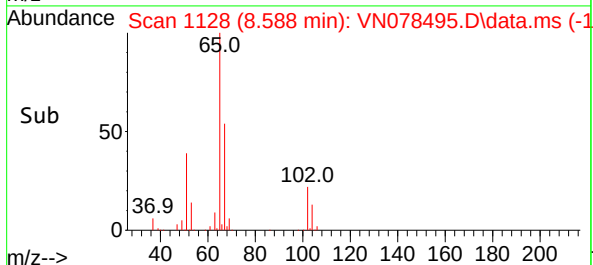
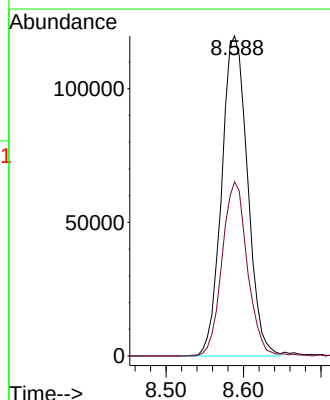
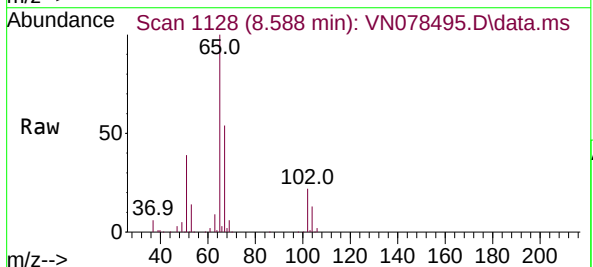
Instrument :
MSVOA_N
ClientSampleId :
230712039-09-TRIP-BLANK

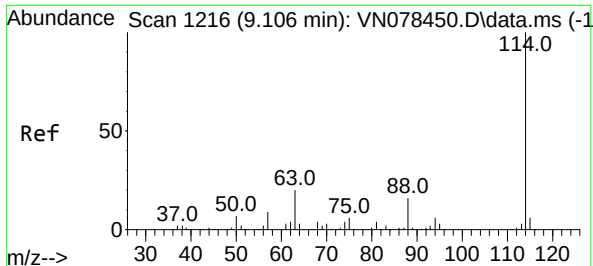
Tgt Ion:168 Resp: 426049
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.643 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078495.D
Acq: 13 Jul 2023 13:46

Tgt Ion: 65 Resp: 277831
Ion Ratio Lower Upper
65 100
67 53.3 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: VN078495.D

Acq: 13 Jul 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

230712039-09-TRIP-BLANK

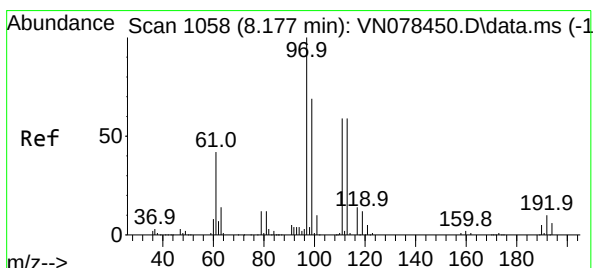
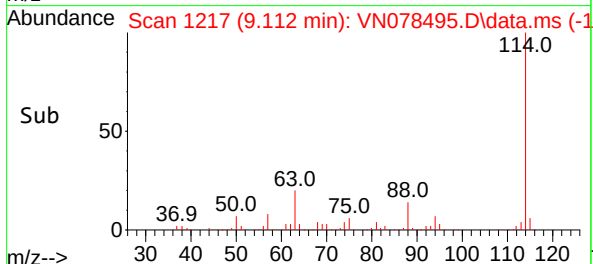
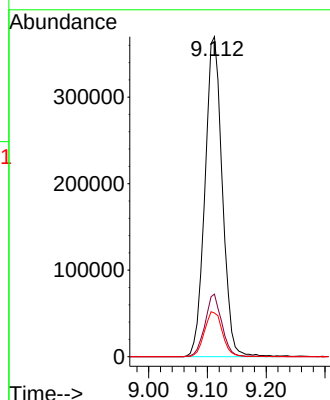
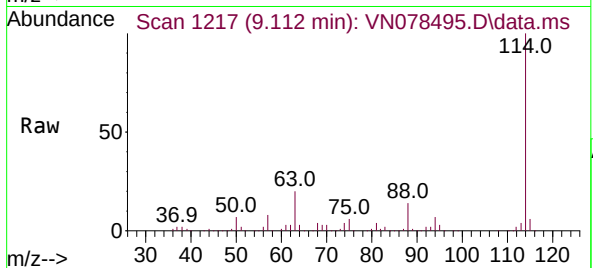
Tgt Ion:114 Resp: 757793

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.731 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078495.D

Acq: 13 Jul 2023 13:46

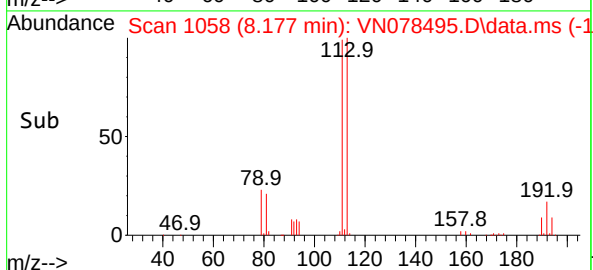
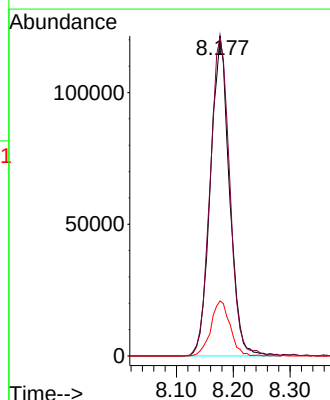
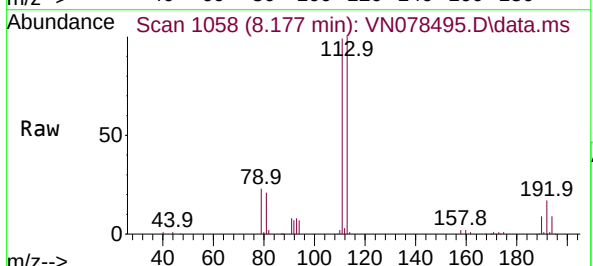
Tgt Ion:113 Resp: 281542

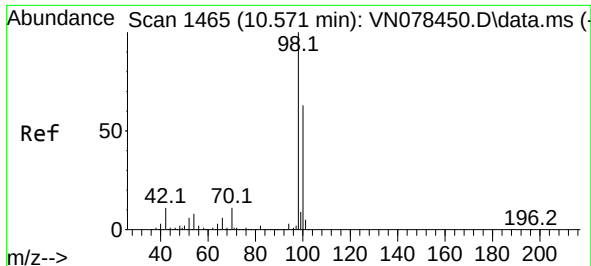
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.5 12.7 19.1

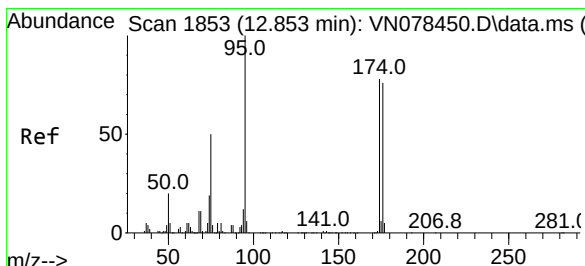
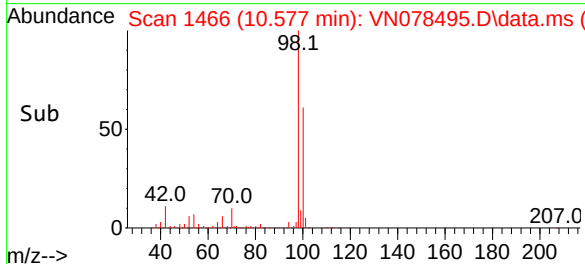
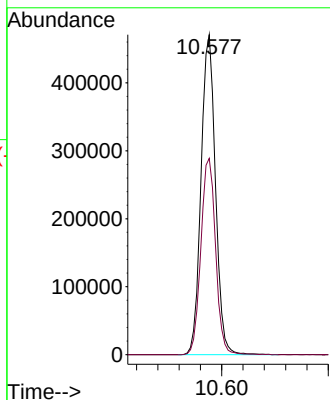
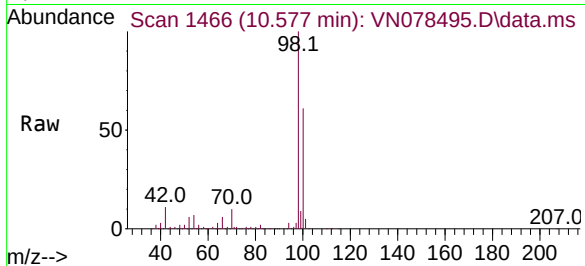




#50
Toluene-d8
Concen: 45.434 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078495.D
Acq: 13 Jul 2023 13:46

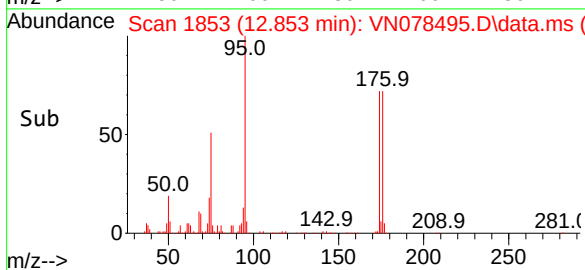
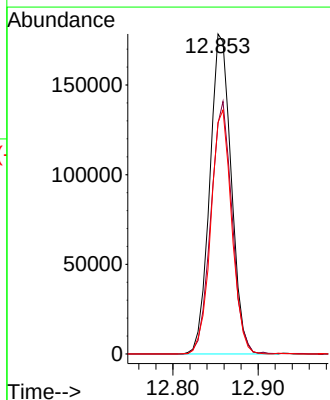
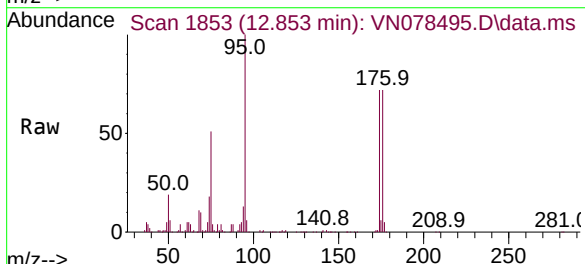
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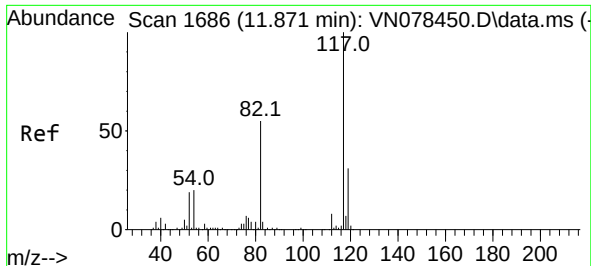
Tgt Ion: 98 Resp: 882921
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.186 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078495.D
Acq: 13 Jul 2023 13:46

Tgt Ion: 95 Resp: 312375
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 74.0 0.0 135.8

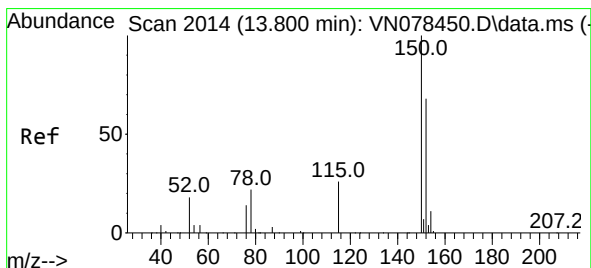
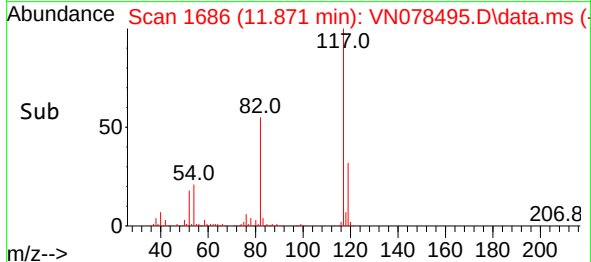
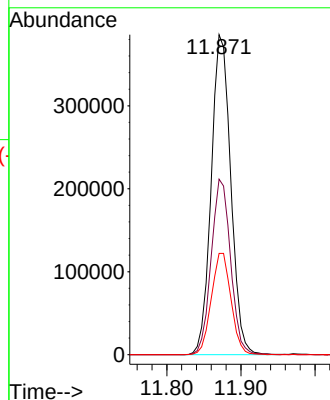
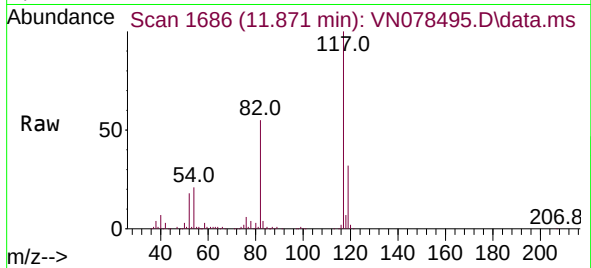




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078495.D
Acq: 13 Jul 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
230712039-09-TRIP-BLANK

Tgt Ion:117 Resp: 706868
Ion Ratio Lower Upper
117 100
82 54.8 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: VN078495.D
Acq: 13 Jul 2023 13:46

Tgt Ion:152 Resp: 249331
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 153.5 0.0 355.8

