

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078096.D
 Acq On : 07 Jun 2023 12:16
 Operator : JC\MD
 Sample : 03047-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 08 05:27:16 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	414887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	748236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	269680	48.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.177	113	240569	50.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.571	98	908318	49.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.853	95	269711	47.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.140%

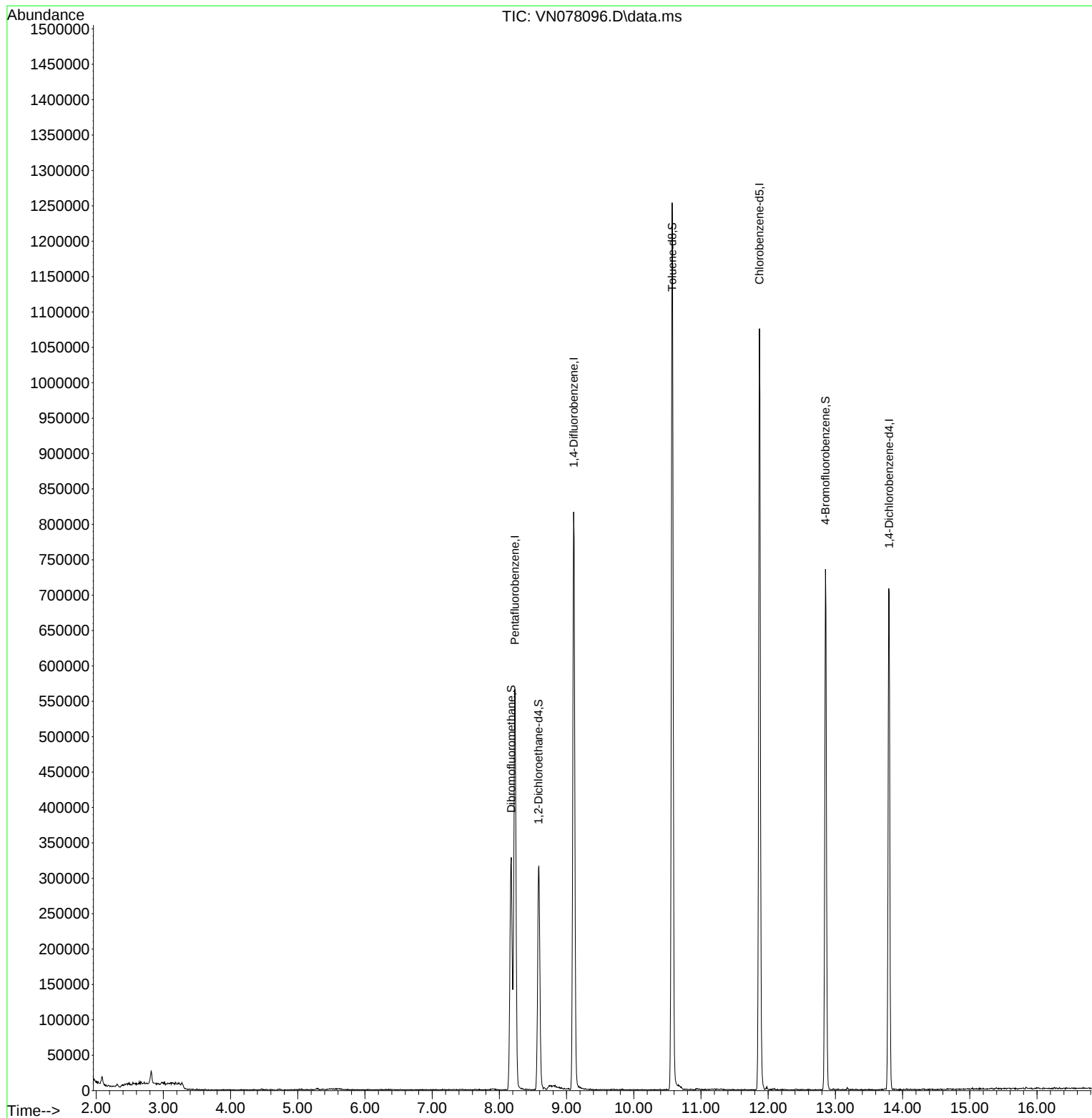
Target Compounds	Qvalue

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

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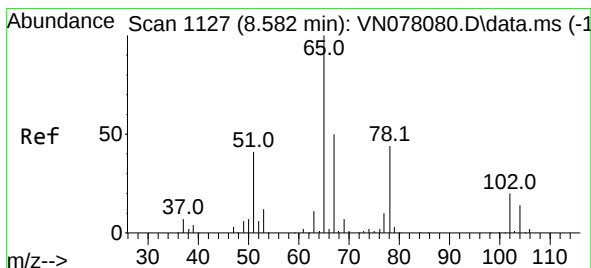
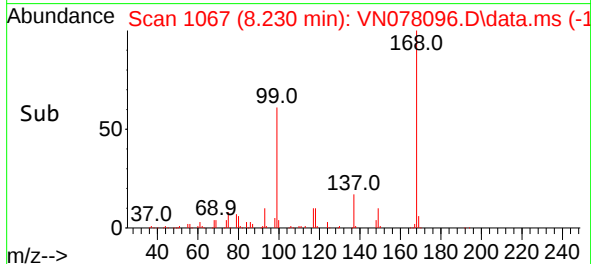
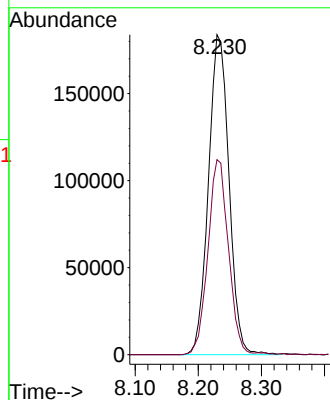
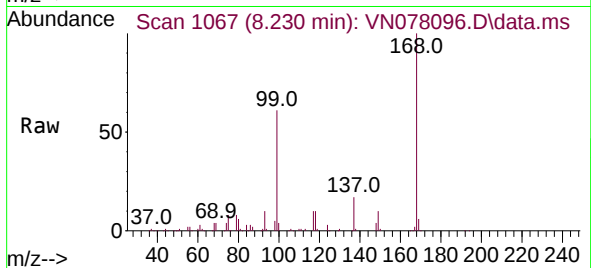




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078096.D
Acq: 07 Jun 2023 12:16

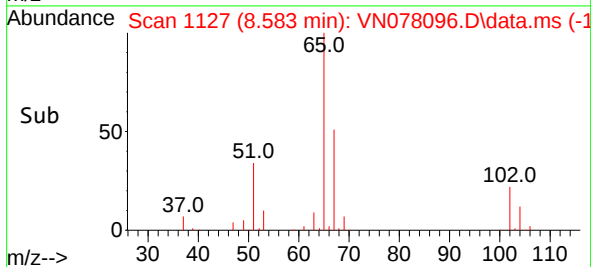
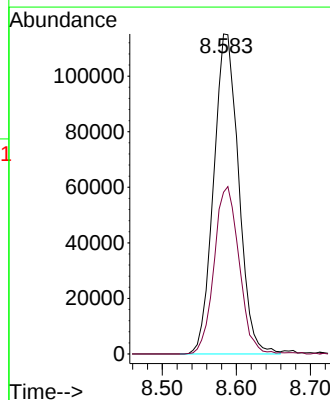
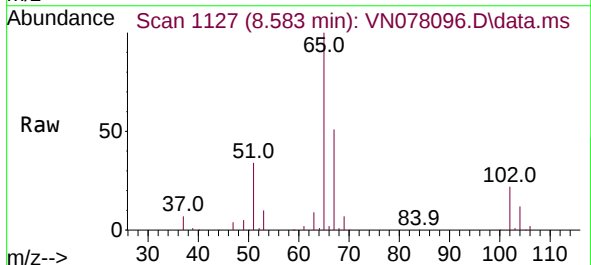
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

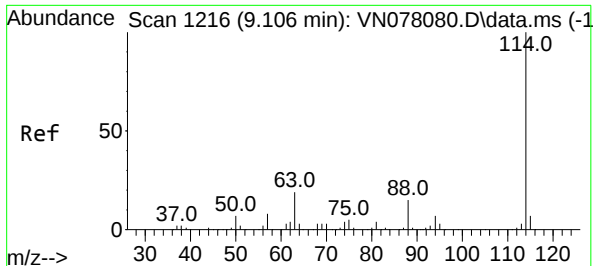
Tgt Ion:168 Resp: 414887
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078096.D
Acq: 07 Jun 2023 12:16

Tgt Ion: 65 Resp: 269680
Ion Ratio Lower Upper
65 100
67 52.3 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: VN078096.D

Acq: 07 Jun 2023 12:16

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

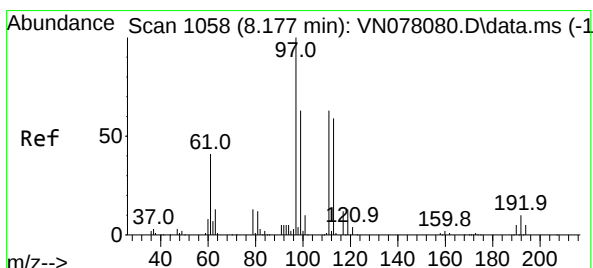
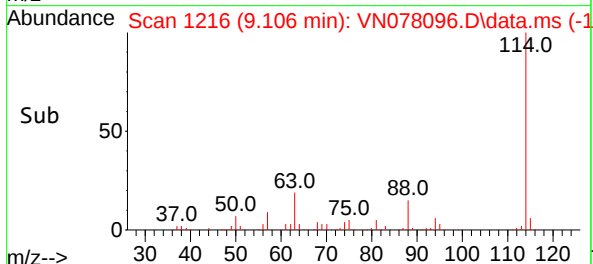
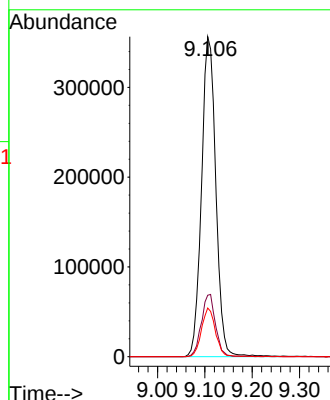
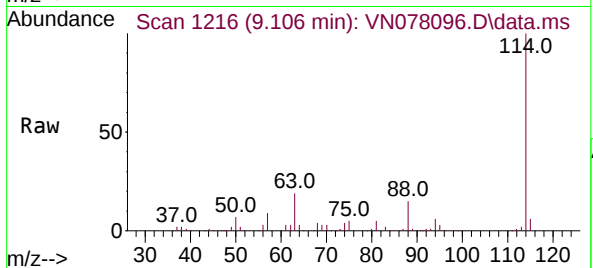
Tgt Ion:114 Resp: 748236

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.850 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078096.D

Acq: 07 Jun 2023 12:16

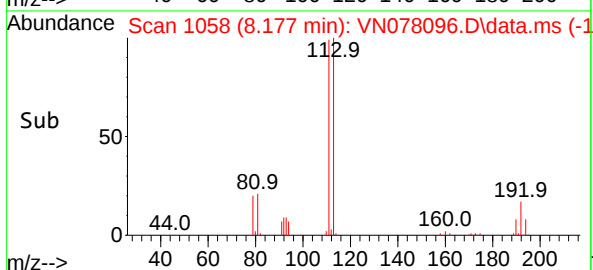
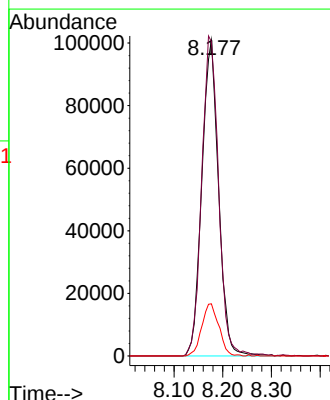
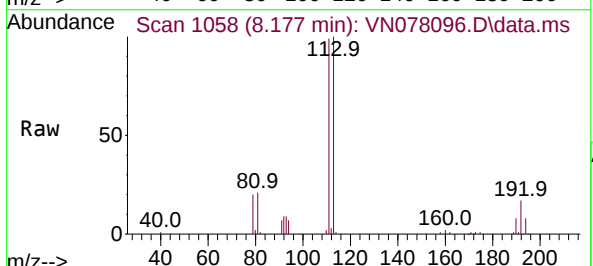
Tgt Ion:113 Resp: 240569

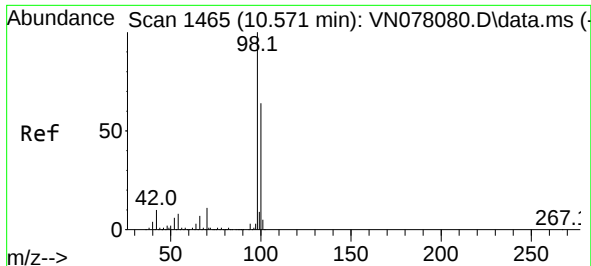
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.0 12.7 19.1

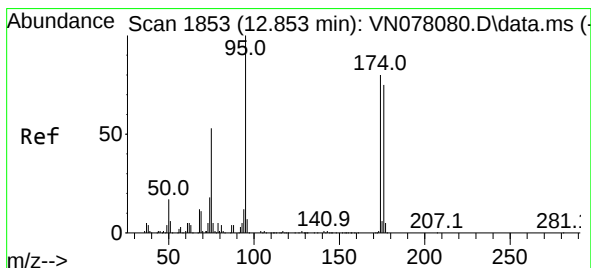
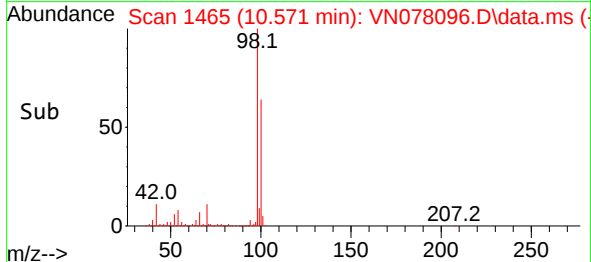
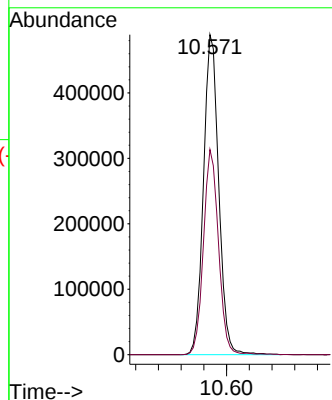
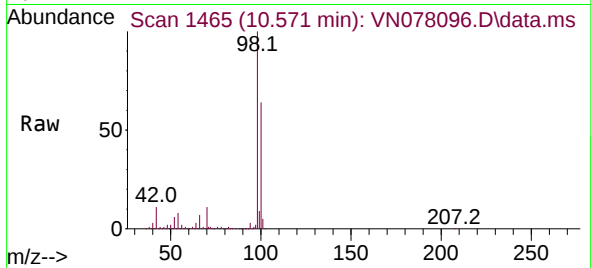




#50
Toluene-d8
Concen: 49.802 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078096.D
Acq: 07 Jun 2023 12:16

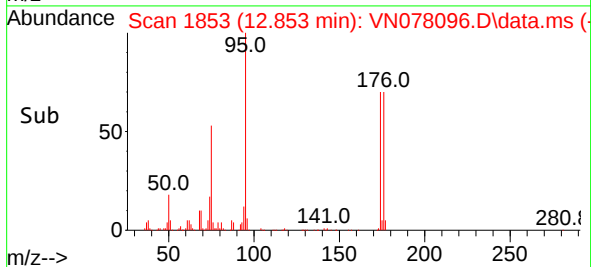
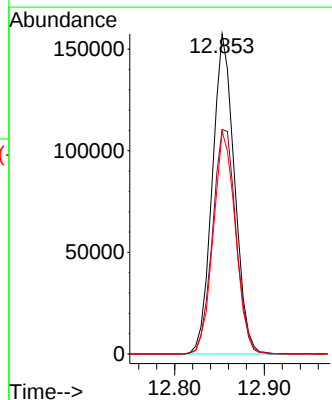
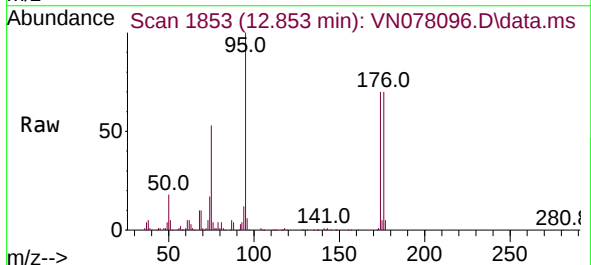
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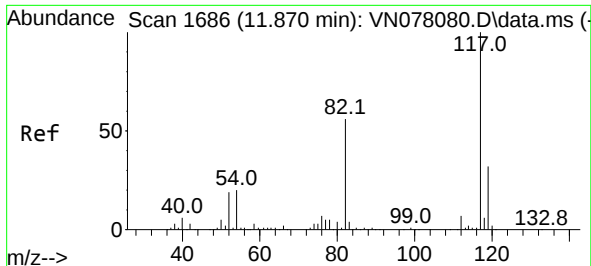
Tgt Ion: 98 Resp: 908318
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078096.D
Acq: 07 Jun 2023 12:16

Tgt Ion: 95 Resp: 269711
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 69.7 0.0 135.8

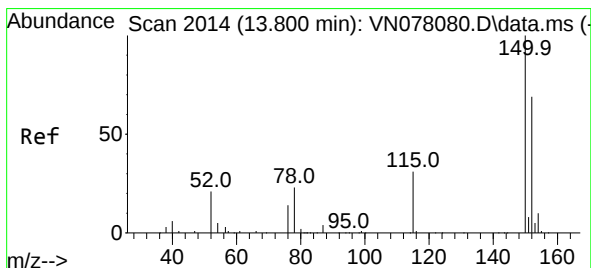
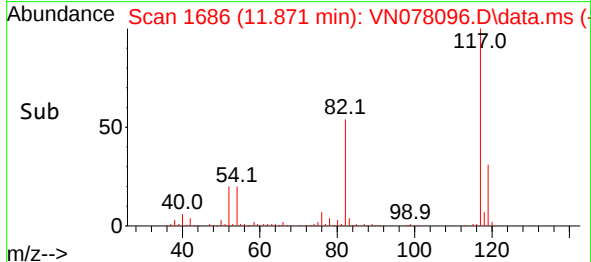
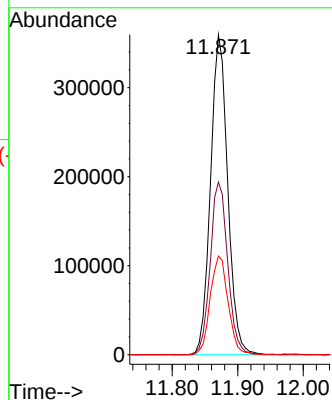
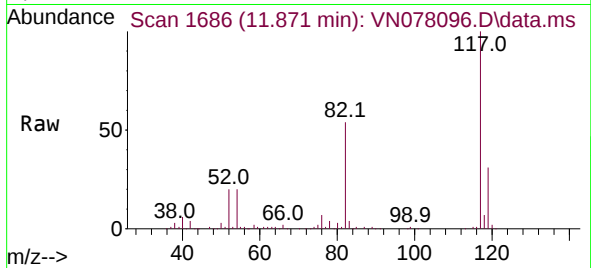




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078096.D
Acq: 07 Jun 2023 12:16

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 654062
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 30.8 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: VN078096.D
Acq: 07 Jun 2023 12:16

Tgt Ion:152 Resp: 197022
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 159.6 0.0 355.8

