

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078440.D
 Acq On : 28 Jun 2023 14:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 29 05:21:08 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	380014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	620301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	165137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265934	52.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.980%
35) Dibromofluoromethane	8.171	113	235659	52.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	10.576	98	858907	49.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.859	95	233840	43.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.540%

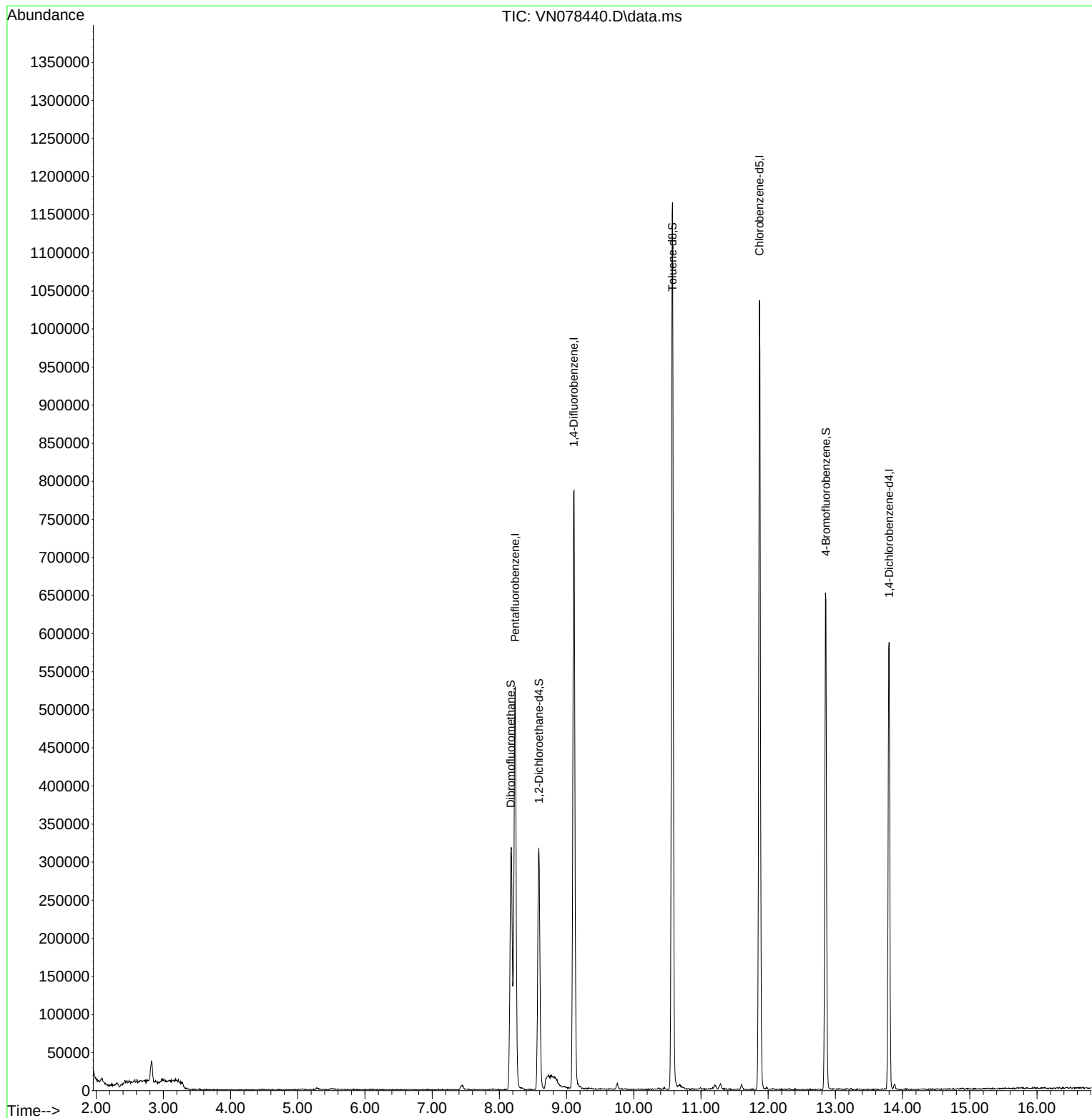
Target Compounds	Qvalue

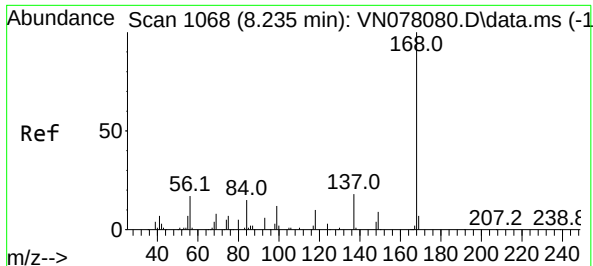
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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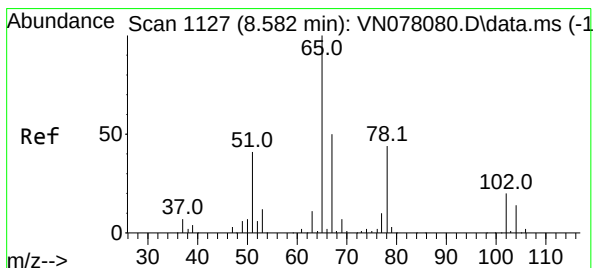
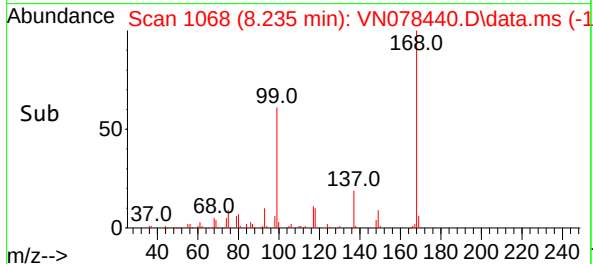
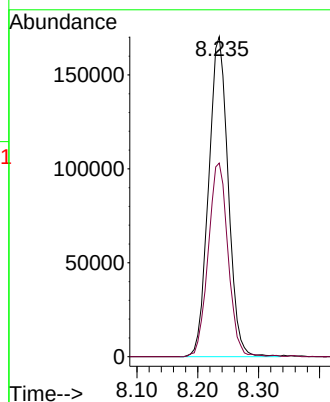
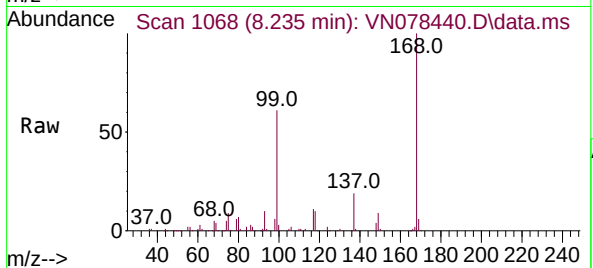




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN078440.D
Acq: 28 Jun 2023 14:42

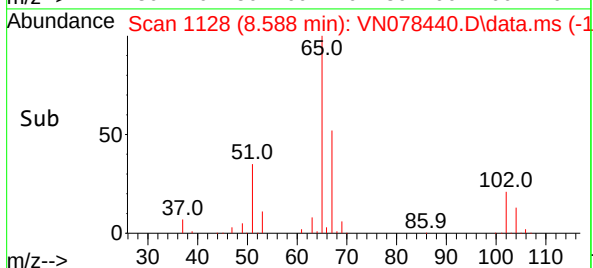
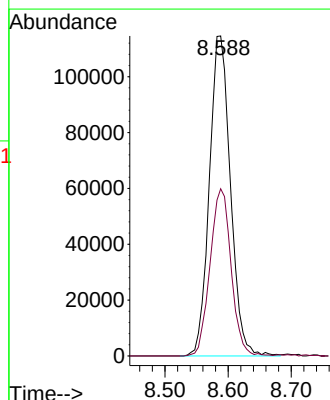
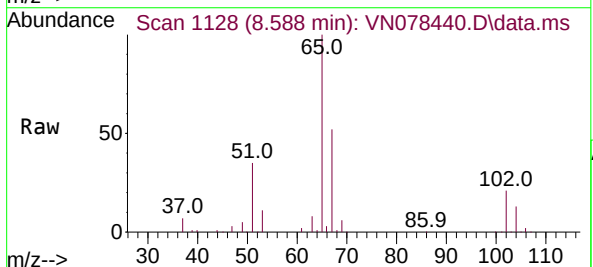
Instrument :
MSVOA_N
ClientSampleId :
IBLK

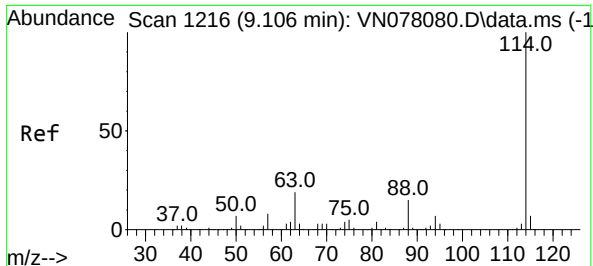
Tgt Ion:168 Resp: 380014
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.486 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078440.D
Acq: 28 Jun 2023 14:42

Tgt Ion: 65 Resp: 265934
Ion Ratio Lower Upper
65 100
67 52.1 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: VN078440.D

Acq: 28 Jun 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

IBLK

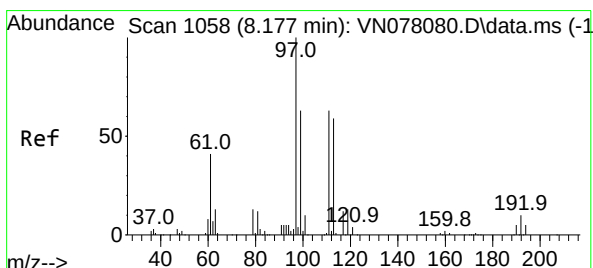
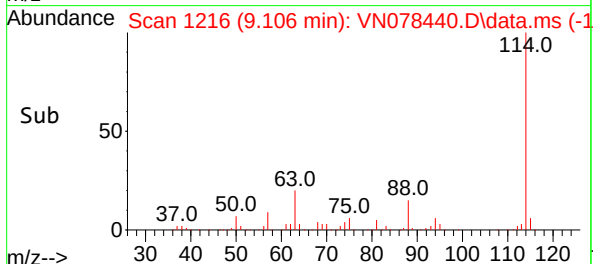
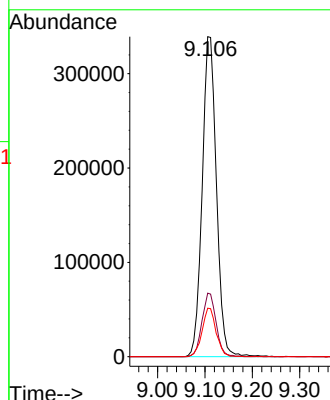
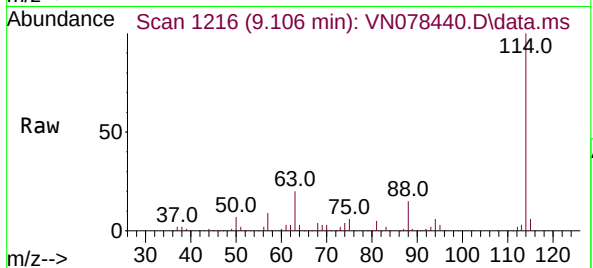
Tgt Ion:114 Resp: 705100

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.859 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078440.D

Acq: 28 Jun 2023 14:42

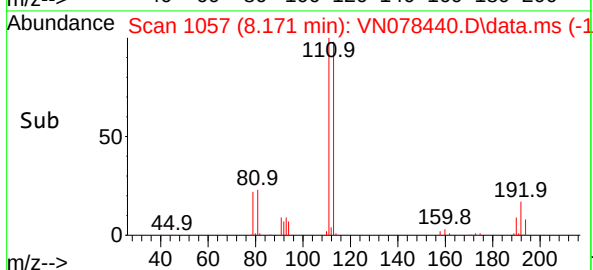
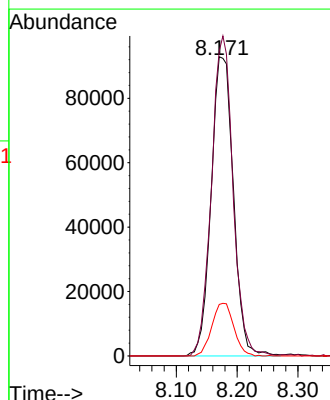
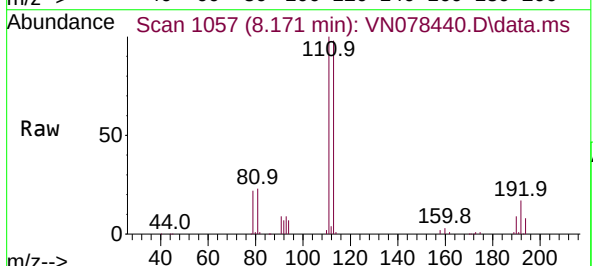
Tgt Ion:113 Resp: 235659

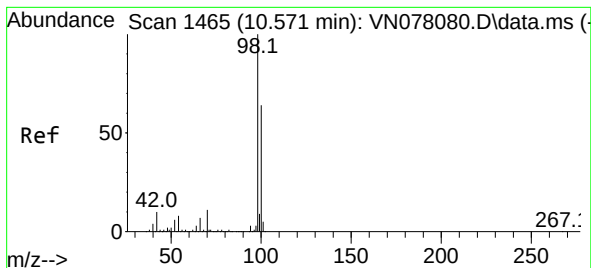
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.4 12.7 19.1





#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078440.D

Acq: 28 Jun 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

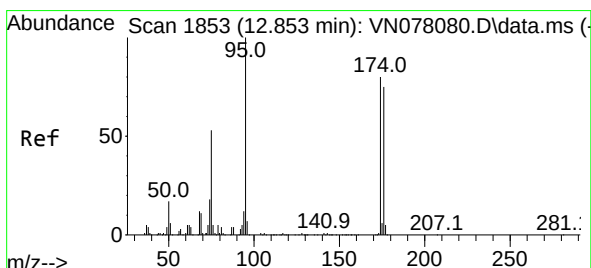
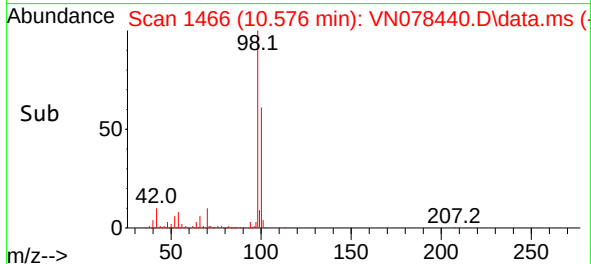
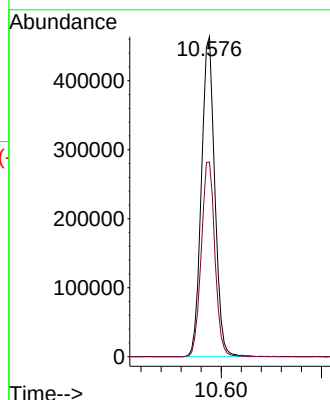
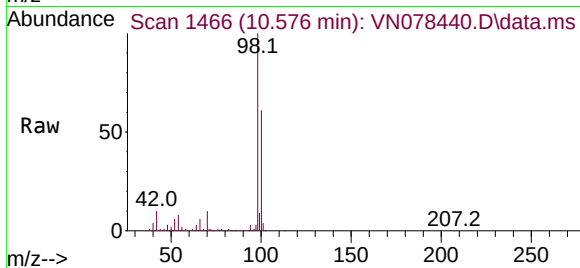
IBLK

Tgt Ion: 98 Resp: 858907

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.765 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078440.D

Acq: 28 Jun 2023 14:42

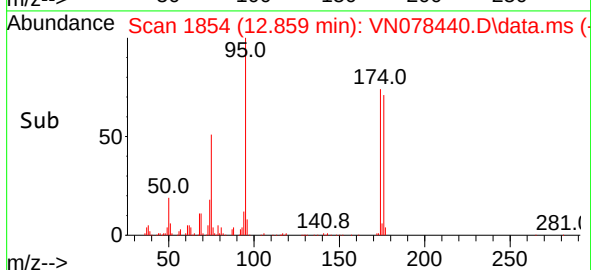
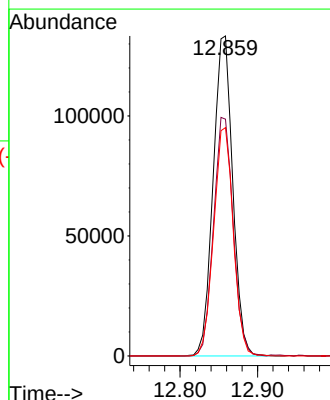
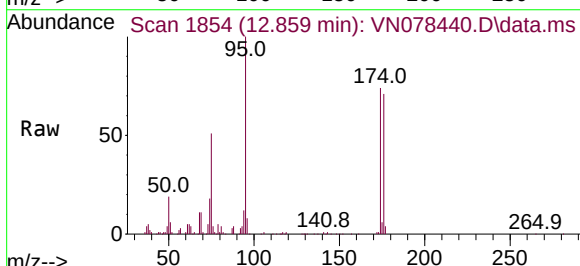
Tgt Ion: 95 Resp: 233840

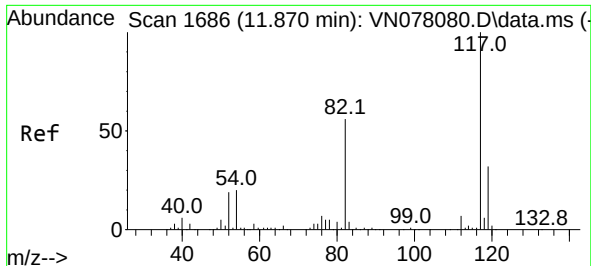
Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.8

176 71.5 0.0 135.8

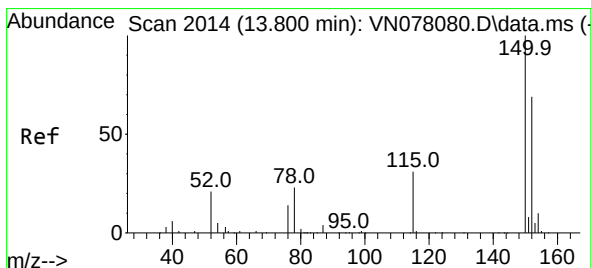
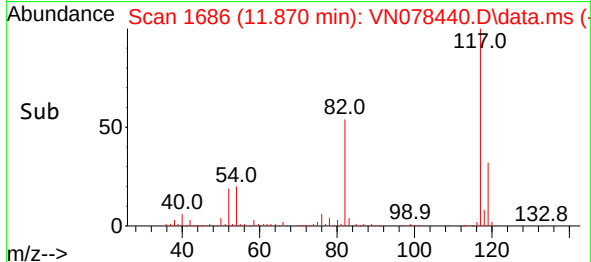
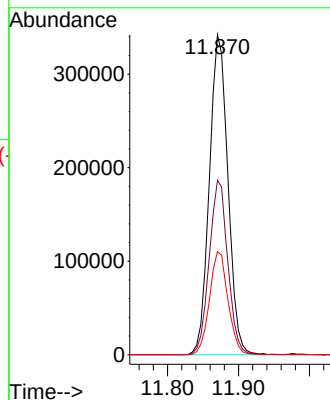
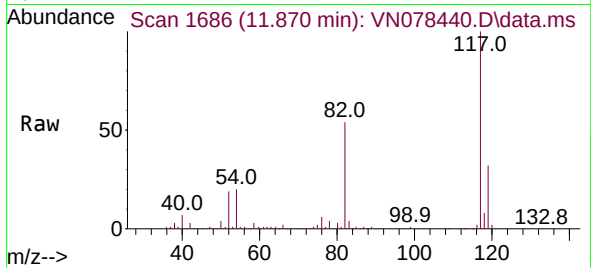




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078440.D
Acq: 28 Jun 2023 14:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 620301
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.2 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: VN078440.D
Acq: 28 Jun 2023 14:42

Tgt Ion:152 Resp: 165137
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 158.8 0.0 355.8

