

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078360.D
 Acq On : 22 Jun 2023 19:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 23 08:04:18 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	346987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	646919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	565008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	154659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	247849	53.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.140%
35) Dibromofluoromethane	8.177	113	217571	53.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.380%
50) Toluene-d8	10.571	98	794045	50.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.853	95	210063	42.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.700%

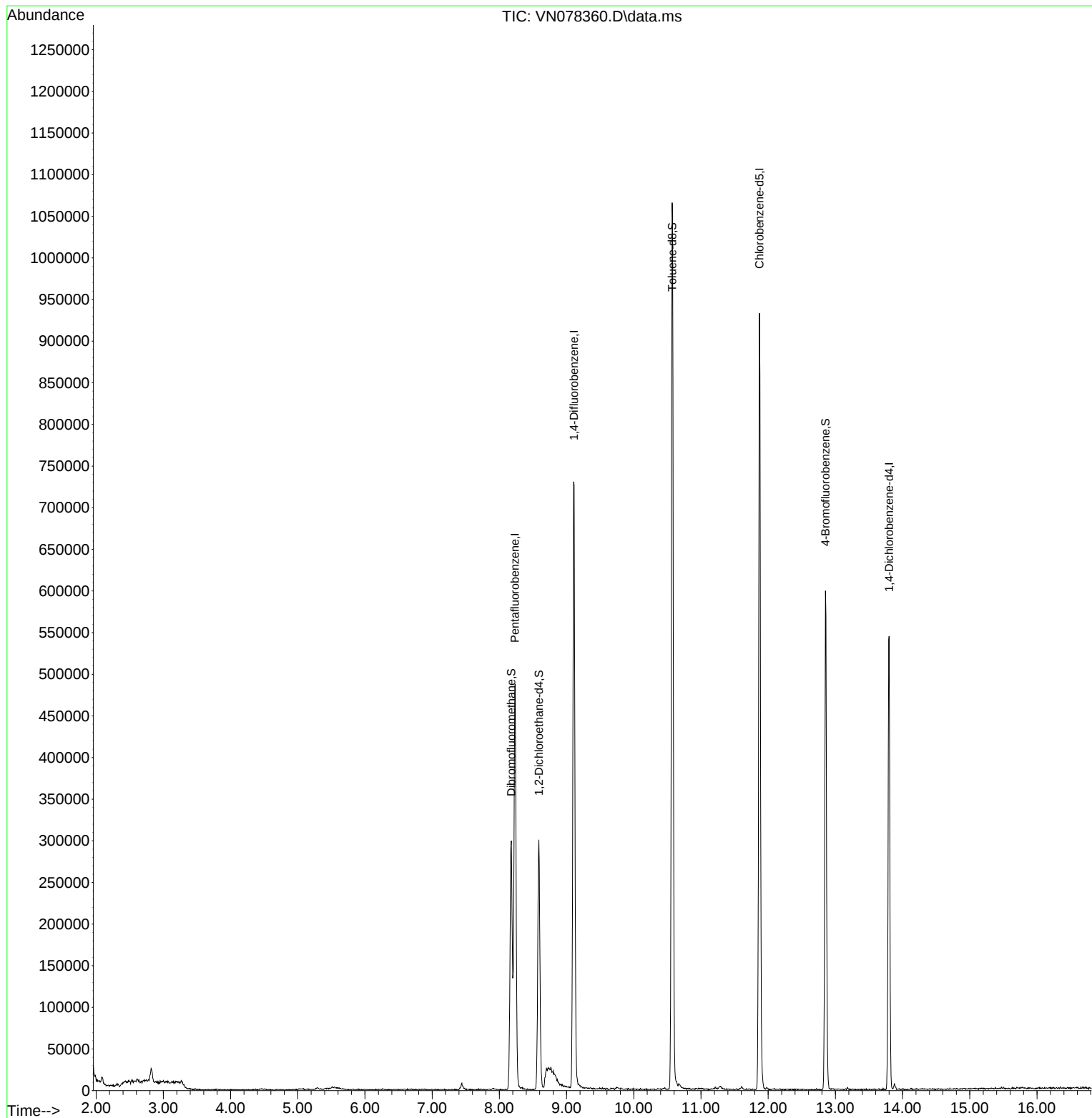
Target Compounds	Qvalue

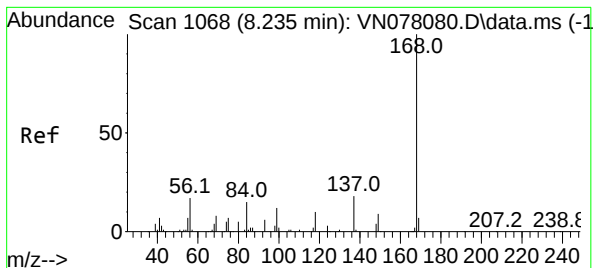
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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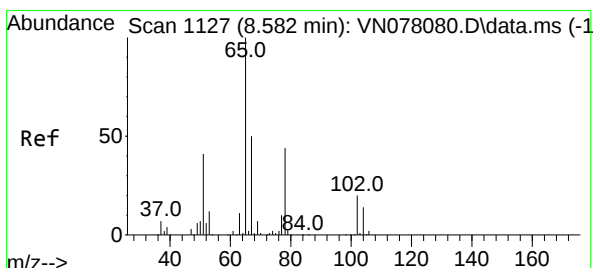
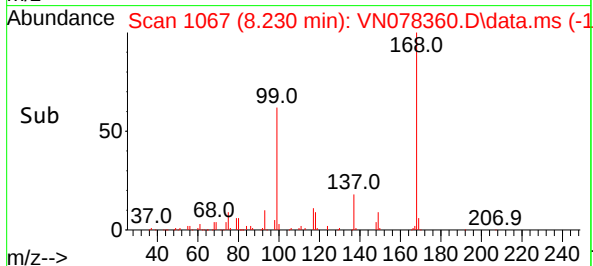
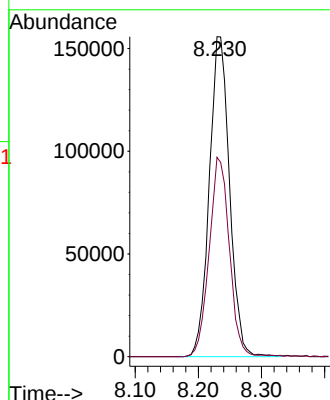
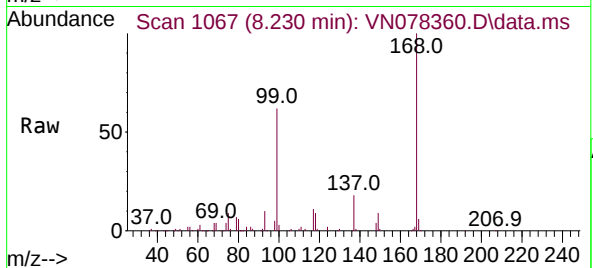




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078360.D
Acq: 22 Jun 2023 19:16

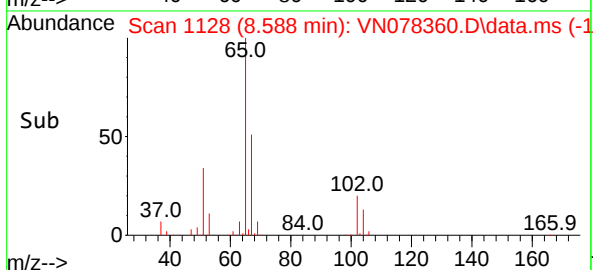
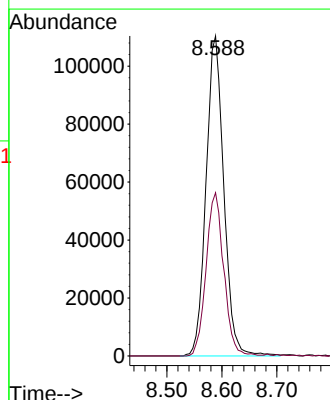
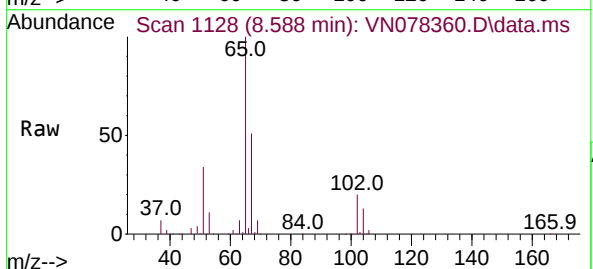
Instrument :
MSVOA_N
ClientSampleId :
IBLK

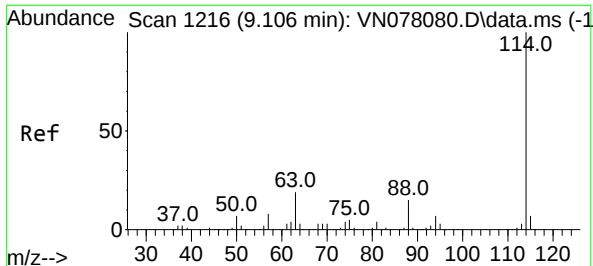
Tgt Ion:168 Resp: 346987
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.573 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078360.D
Acq: 22 Jun 2023 19:16

Tgt Ion: 65 Resp: 247849
Ion Ratio Lower Upper
65 100
67 50.8 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: VN078360.D

Acq: 22 Jun 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

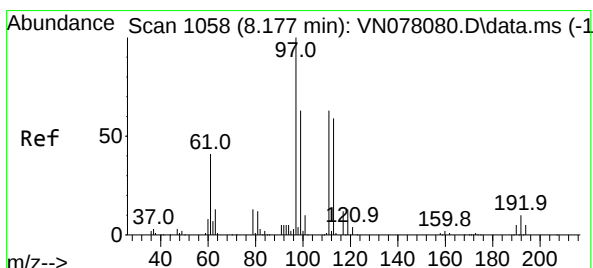
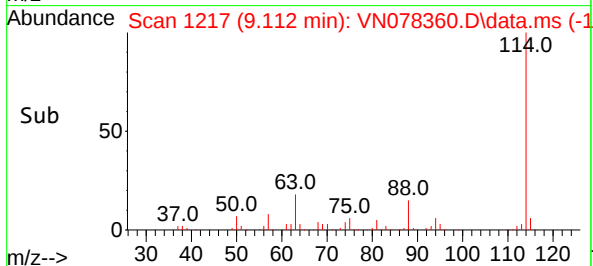
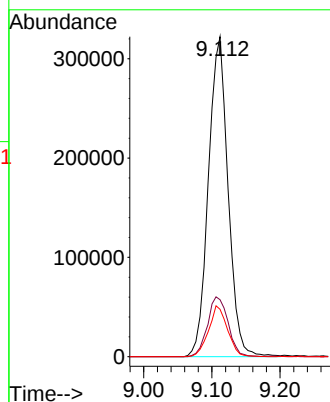
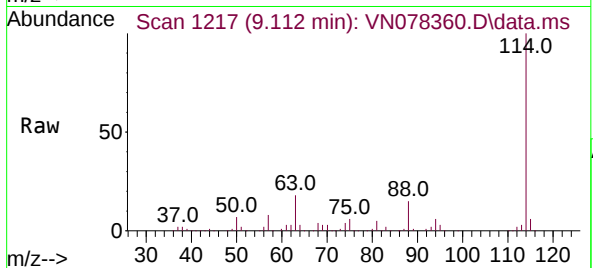
Tgt Ion:114 Resp: 646919

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.191 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078360.D

Acq: 22 Jun 2023 19:16

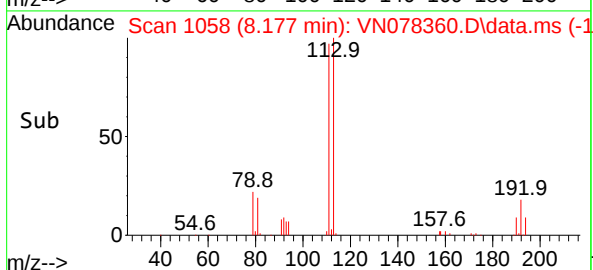
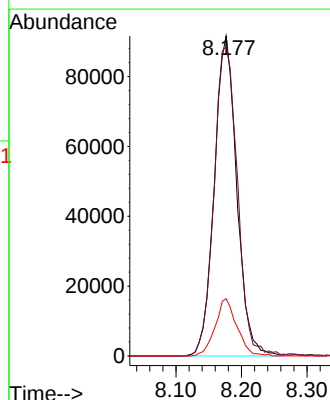
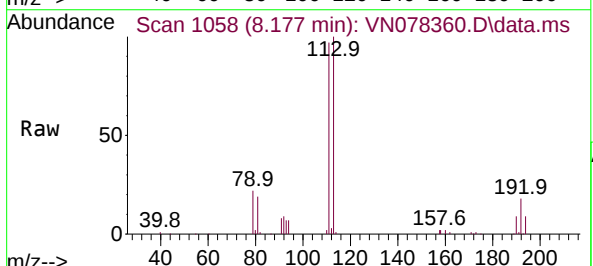
Tgt Ion:113 Resp: 217571

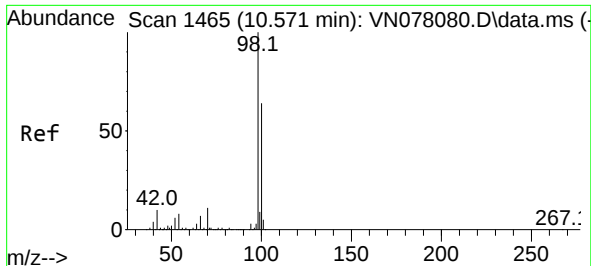
Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 17.3 12.7 19.1

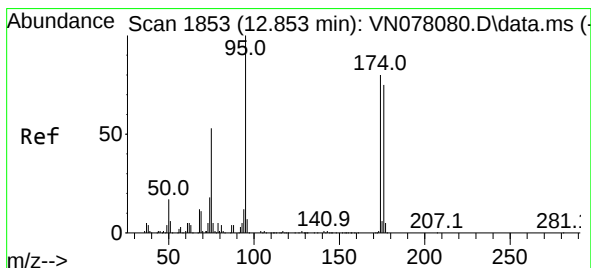
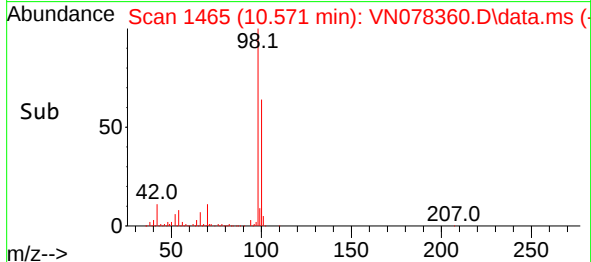
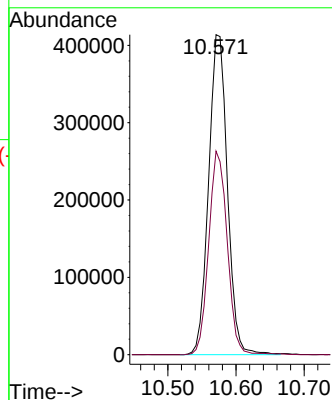
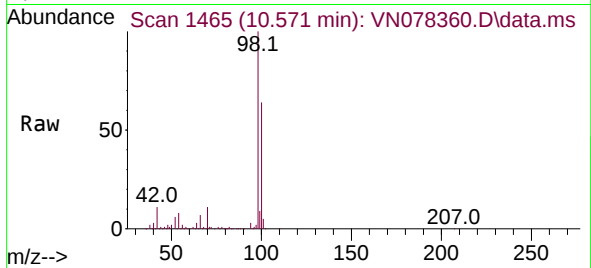




#50
Toluene-d8
Concen: 50.355 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078360.D
Acq: 22 Jun 2023 19:16

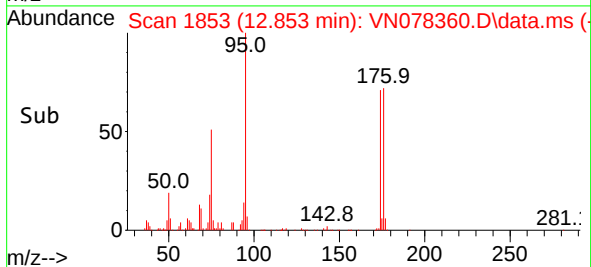
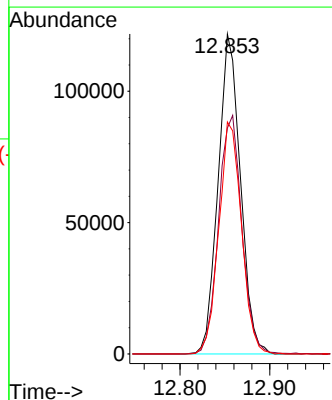
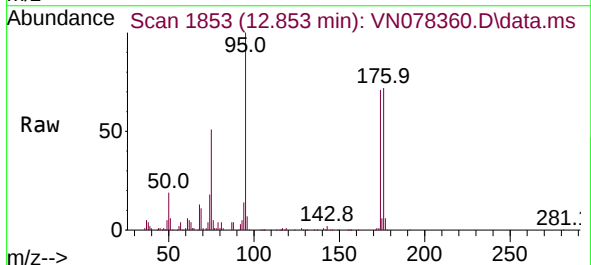
Instrument :
MSVOA_N
ClientSampleId :
IBLK

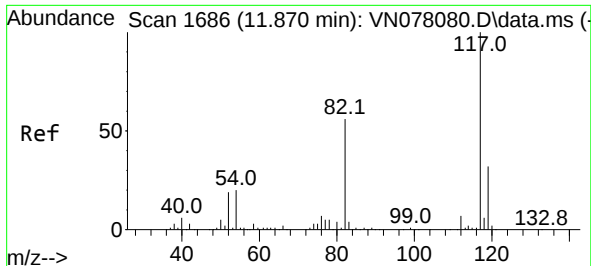
Tgt Ion: 98 Resp: 794045
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.851 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078360.D
Acq: 22 Jun 2023 19:16

Tgt Ion: 95 Resp: 210063
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 73.7 0.0 135.8

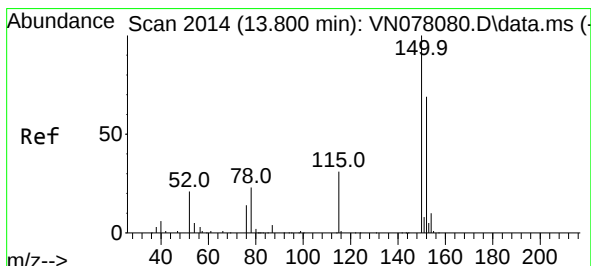
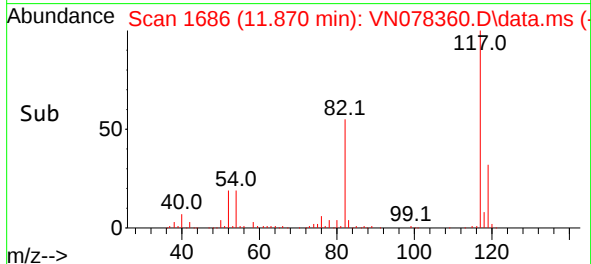
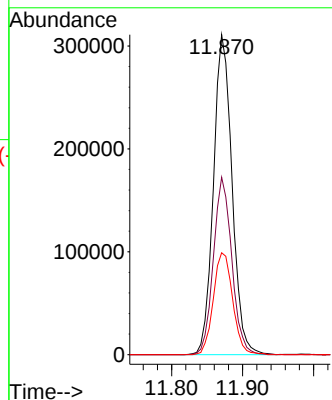
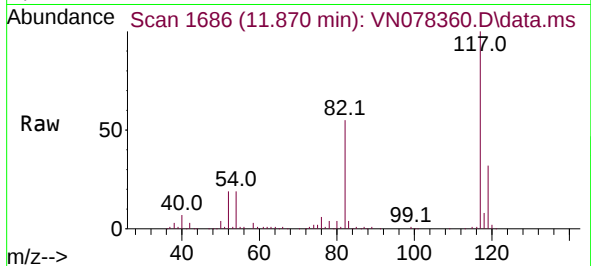




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078360.D
Acq: 22 Jun 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 565008
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.8 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: VN078360.D
Acq: 22 Jun 2023 19:16

Tgt Ion:152 Resp: 154659
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 151.1 0.0 355.8

