

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078637.D
 Acq On : 24 Jul 2023 14:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 25 03:14:21 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	476927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	833608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	756050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	280245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291403	45.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.160%
35) Dibromofluoromethane	8.171	113	291972	51.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.577	98	988266	46.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.853	95	337546	51.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.520%

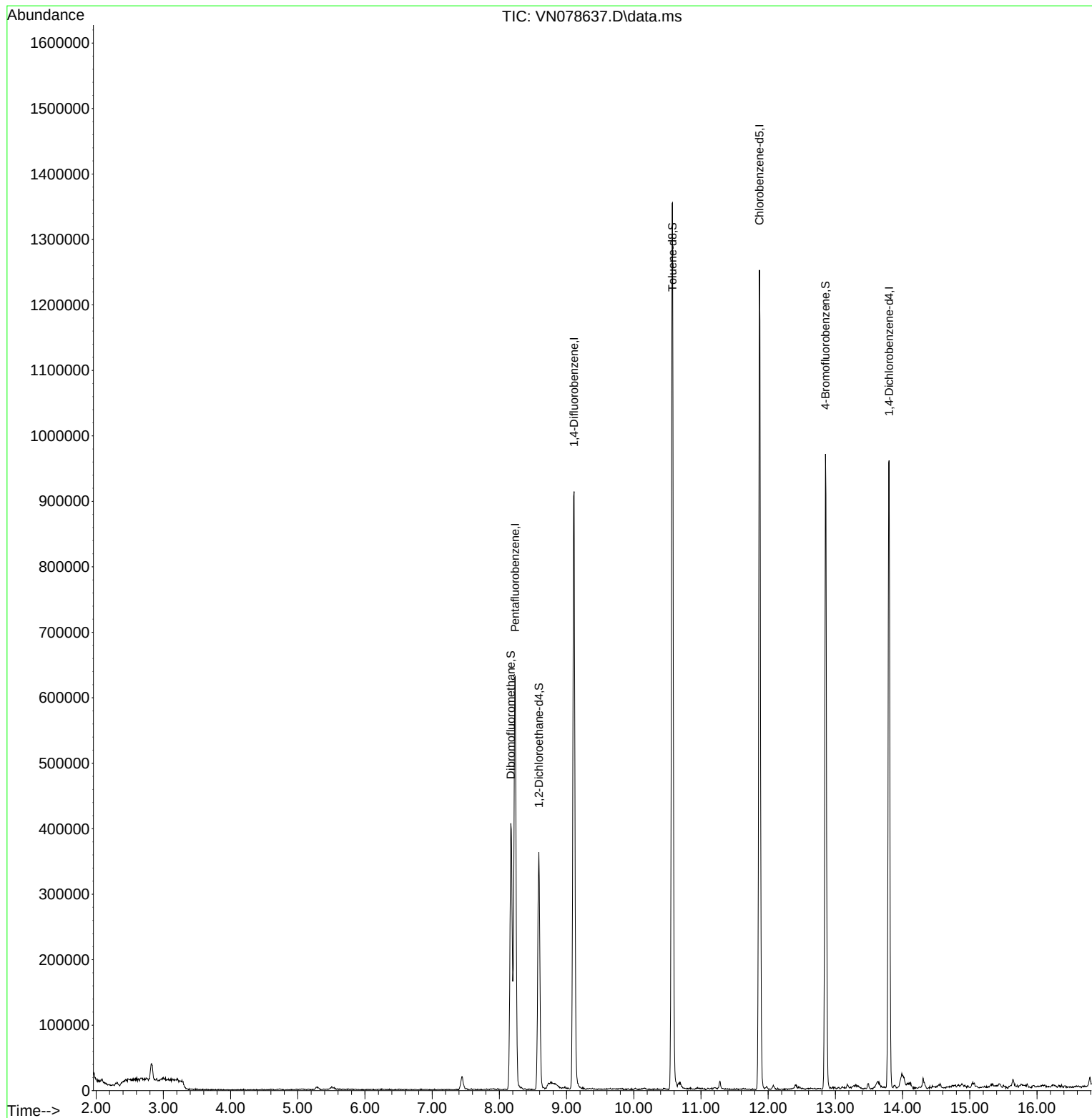
Target Compounds	Qvalue

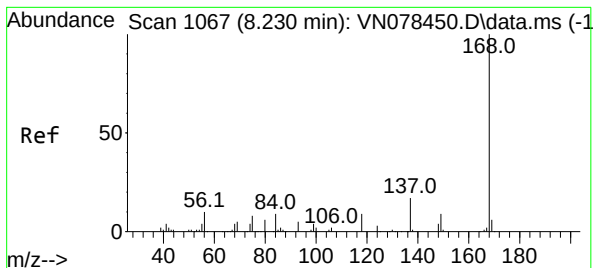
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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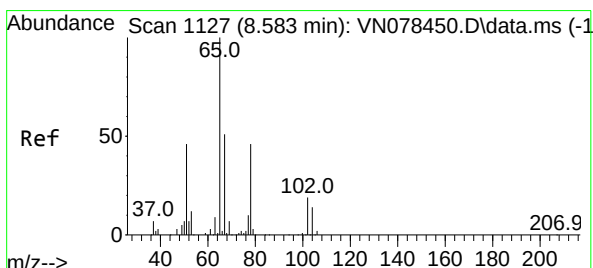
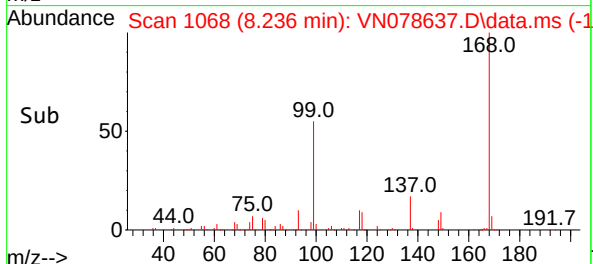
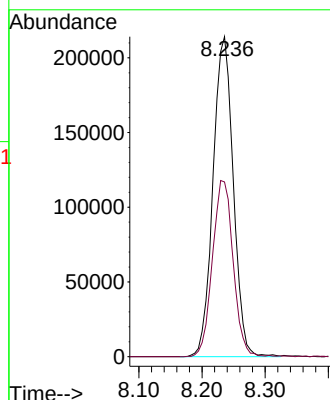
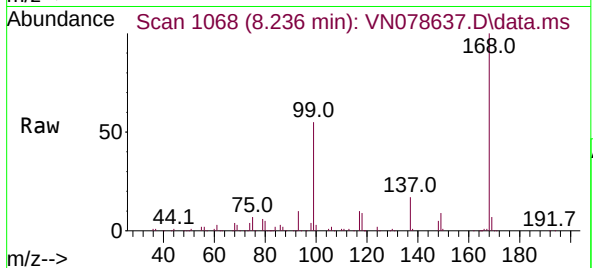




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078637.D
Acq: 24 Jul 2023 14:52

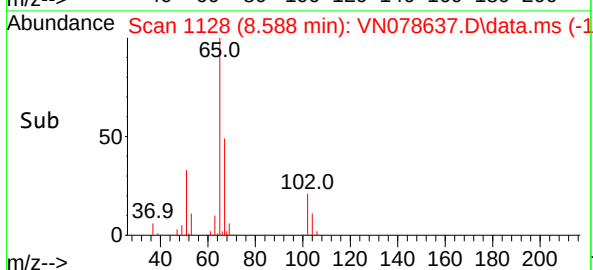
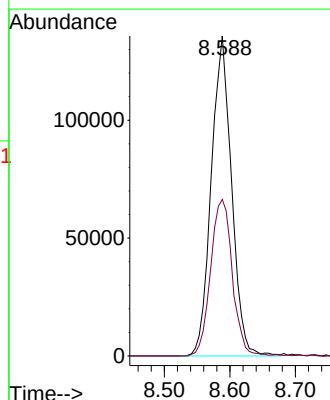
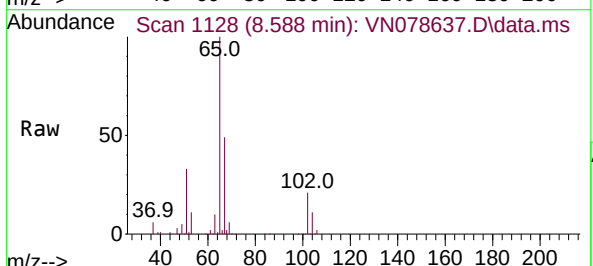
Instrument :
MSVOA_N
ClientSampleId :
IBLK

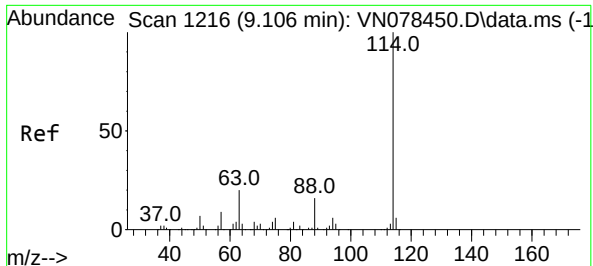
Tgt Ion:168 Resp: 476927
Ion Ratio Lower Upper
168 100
99 54.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.576 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078637.D
Acq: 24 Jul 2023 14:52

Tgt Ion: 65 Resp: 291403
Ion Ratio Lower Upper
65 100
67 52.4 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: VN078637.D

Acq: 24 Jul 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

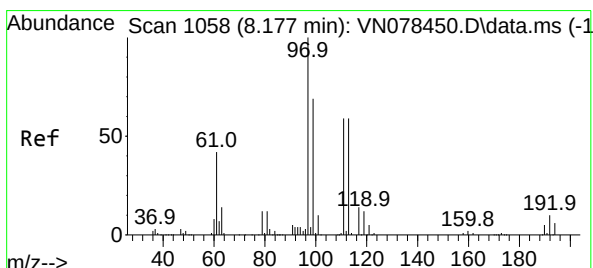
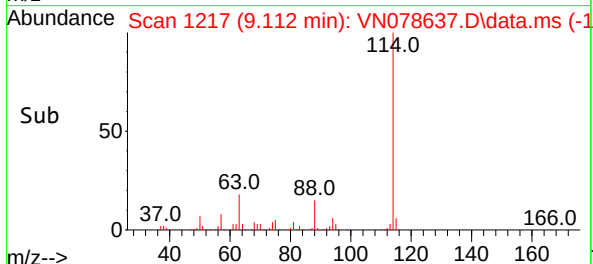
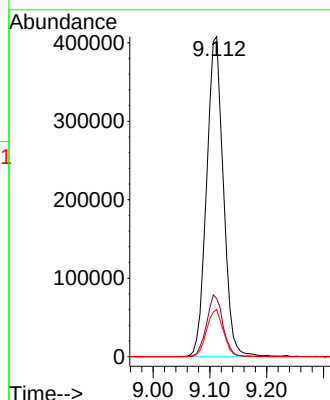
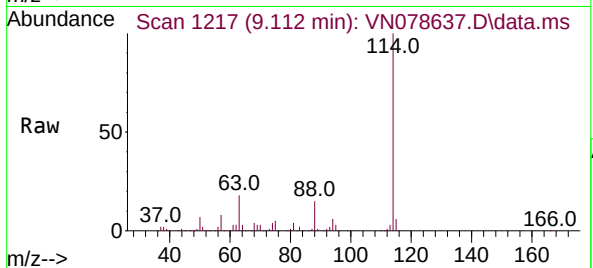
Tgt Ion:114 Resp: 833608

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.596 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078637.D

Acq: 24 Jul 2023 14:52

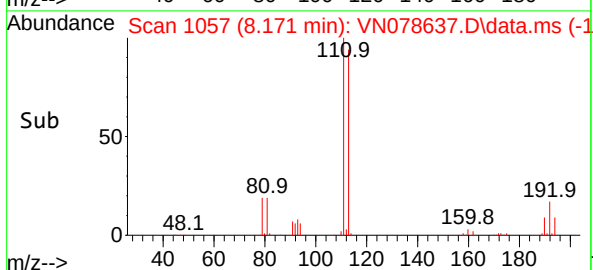
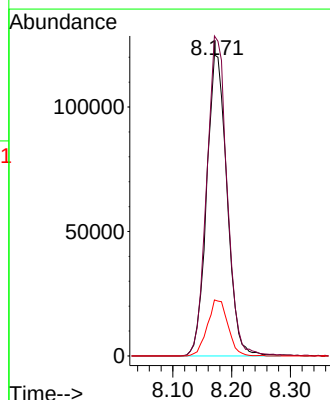
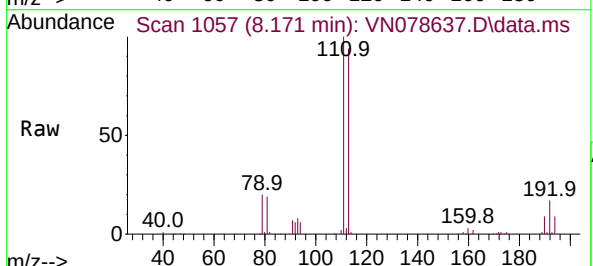
Tgt Ion:113 Resp: 291972

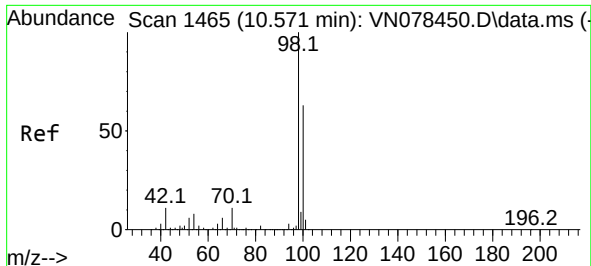
Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 18.7 12.7 19.1

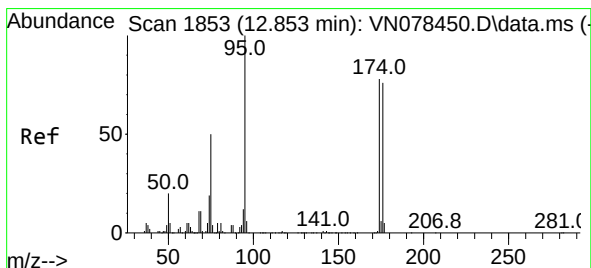
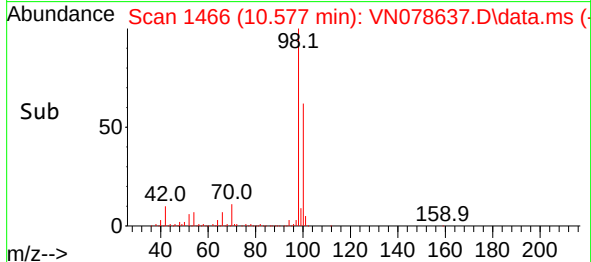
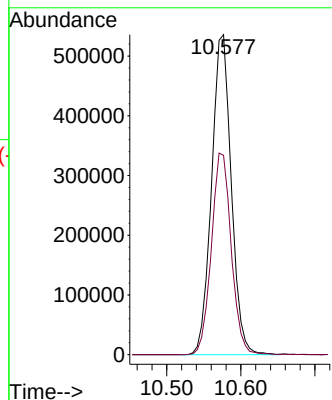
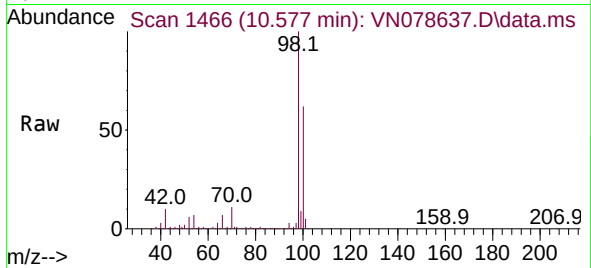




#50
Toluene-d8
Concen: 46.230 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078637.D
Acq: 24 Jul 2023 14:52

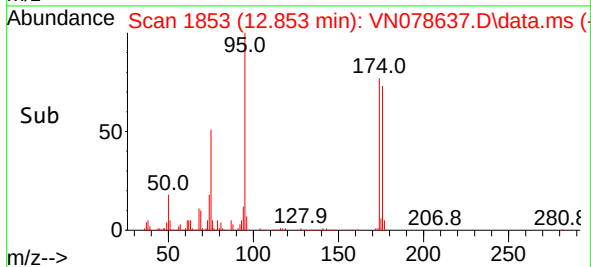
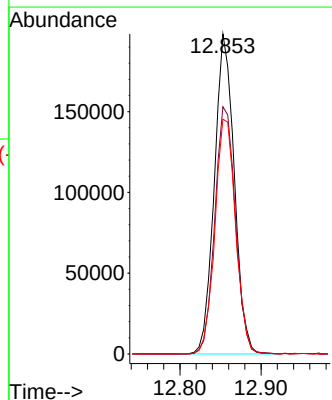
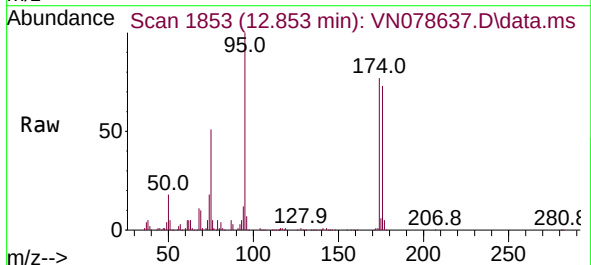
Instrument :
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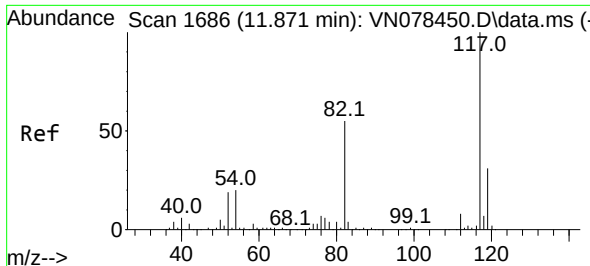
Tgt Ion: 98 Resp: 988266
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078637.D
Acq: 24 Jul 2023 14:52

Tgt Ion: 95 Resp: 337546
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 76.4 0.0 135.8

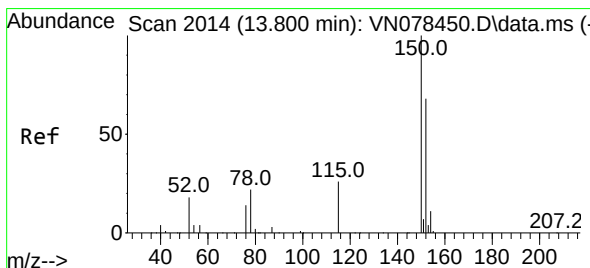
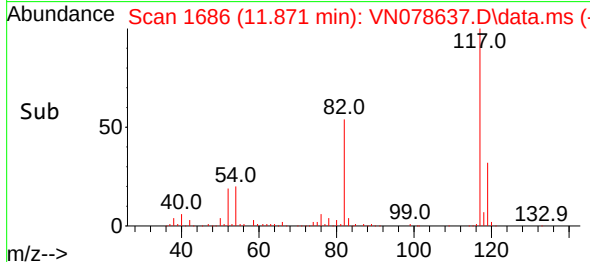
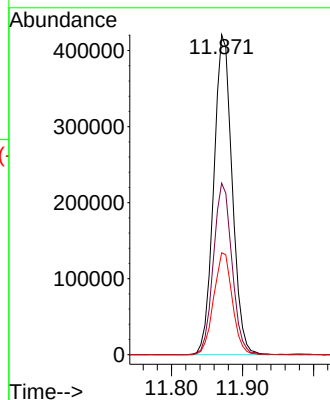
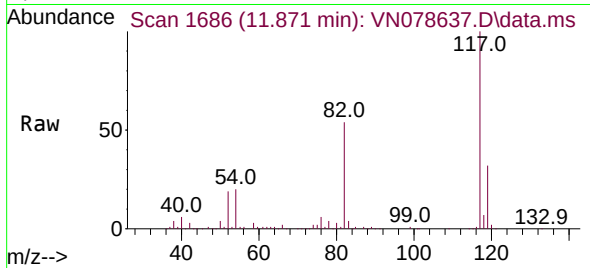




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078637.D
Acq: 24 Jul 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 756050
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 31.9 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: VN078637.D
Acq: 24 Jul 2023 14:52

Tgt Ion:152 Resp: 280245
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 158.2 0.0 355.8

