

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078277.D
 Acq On : 19 Jun 2023 14:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 20 01:27:07 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	349797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	653636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	563087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253939	54.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.900%
35) Dibromofluoromethane	8.177	113	218472	52.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	10.577	98	793186	49.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.853	95	223089	45.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%

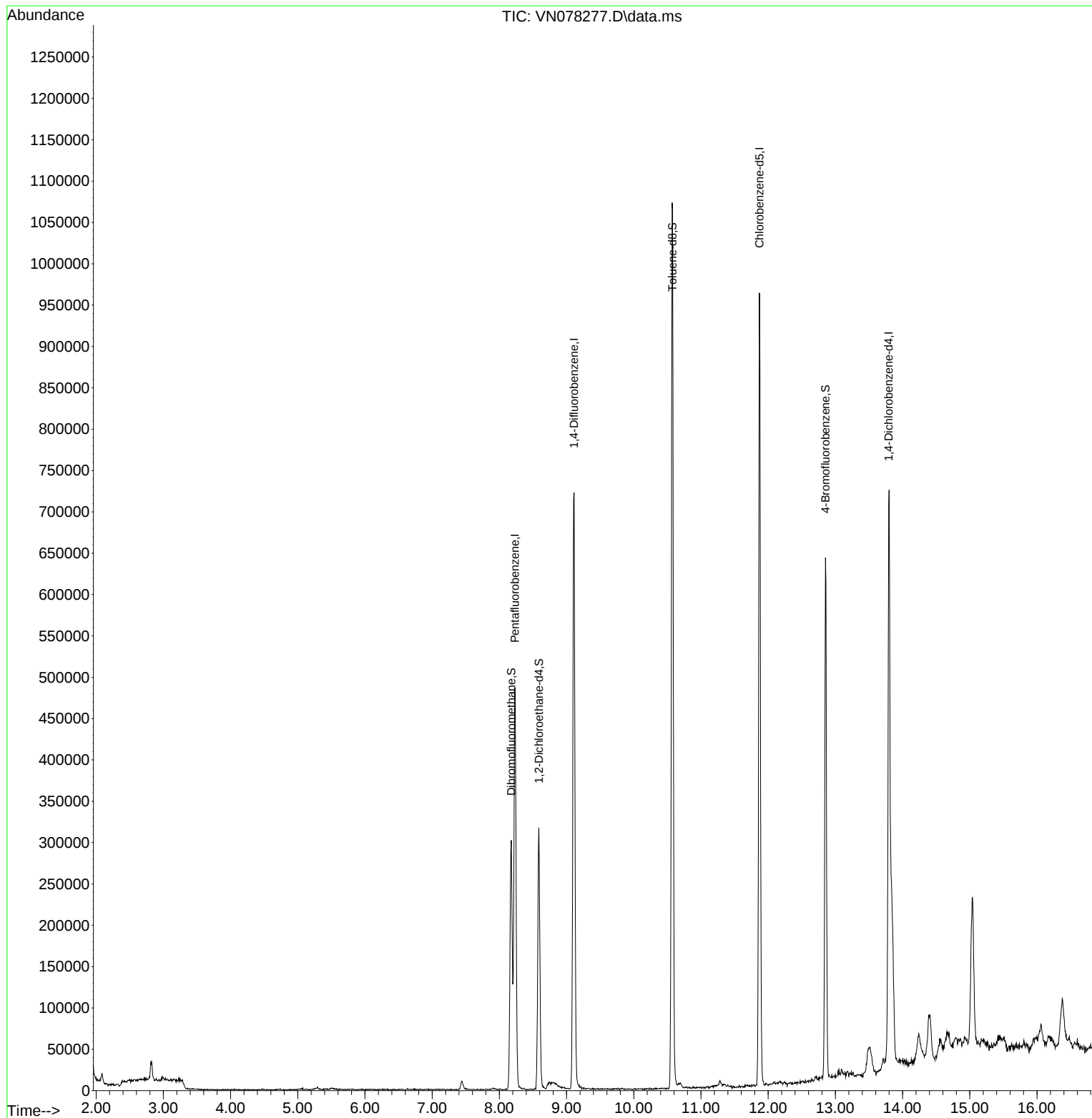
Target Compounds	Qvalue

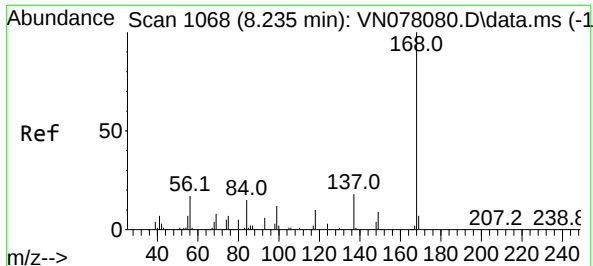
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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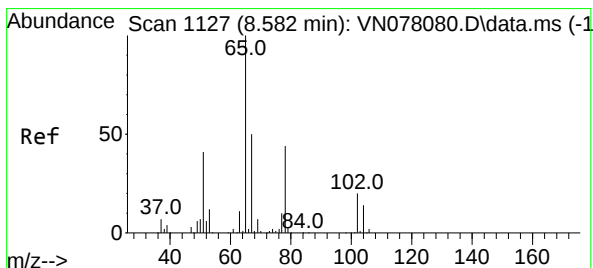
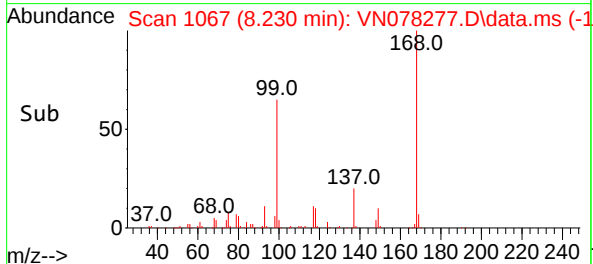
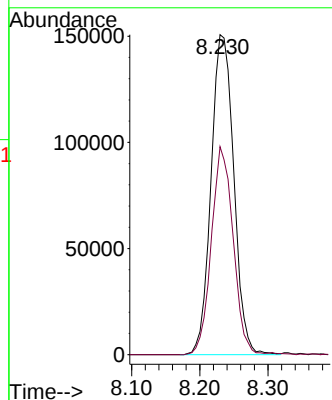
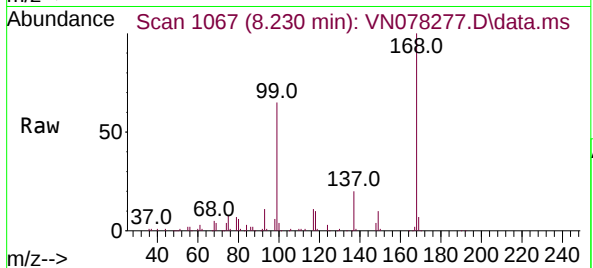




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.005 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

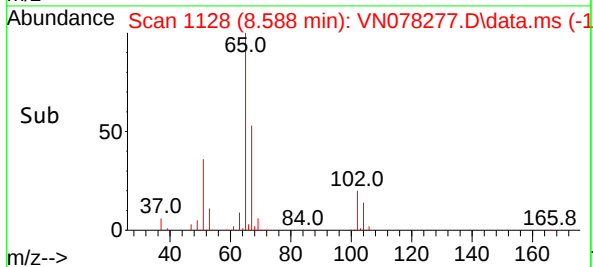
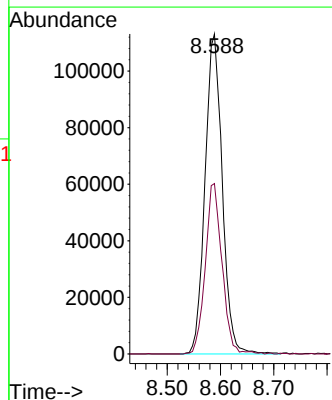
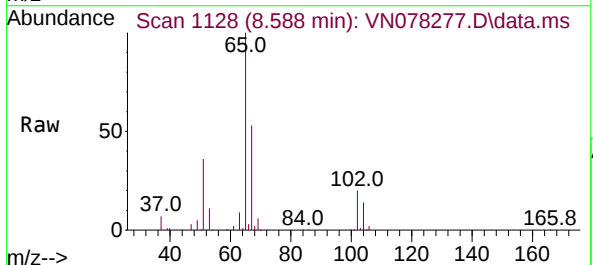
Instrument :
MSVOA_N
ClientSampleId :
IBLK

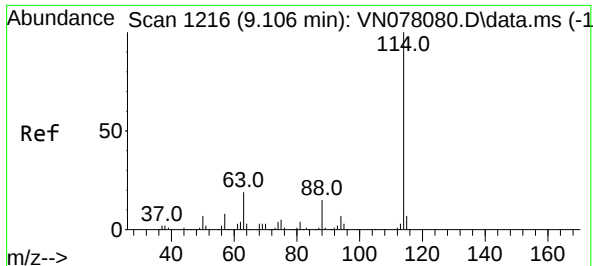
Tgt Ion:168 Resp: 349797
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.448 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

Tgt Ion: 65 Resp: 253939
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN078277.D

Acq: 19 Jun 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

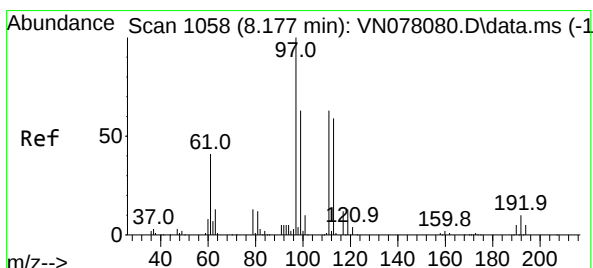
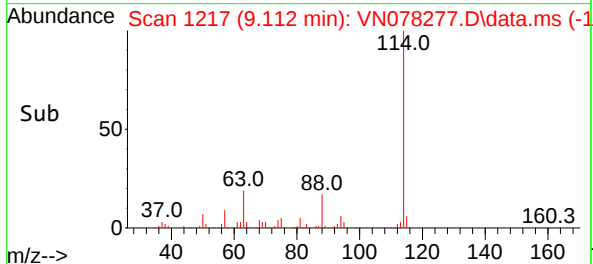
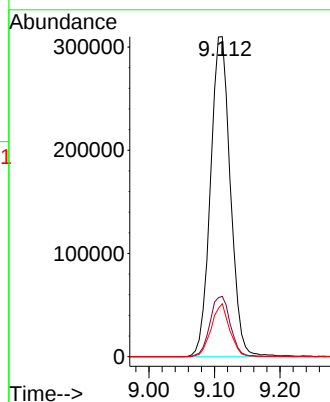
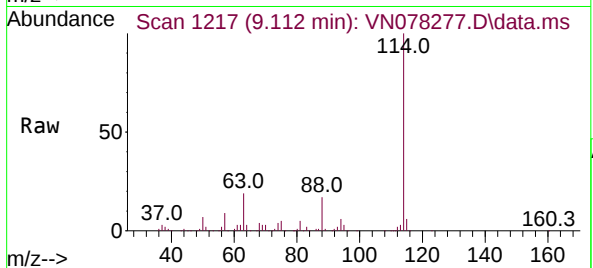
Tgt Ion:114 Resp: 653636

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.862 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078277.D

Acq: 19 Jun 2023 14:12

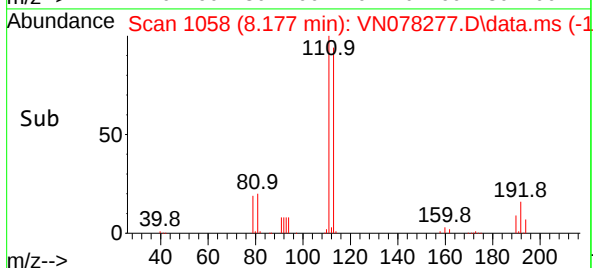
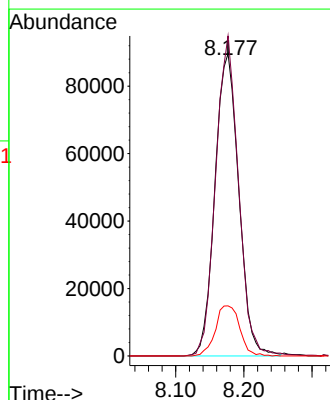
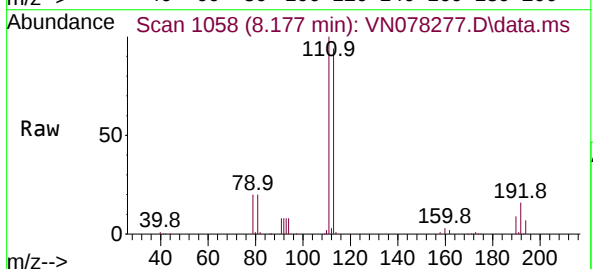
Tgt Ion:113 Resp: 218472

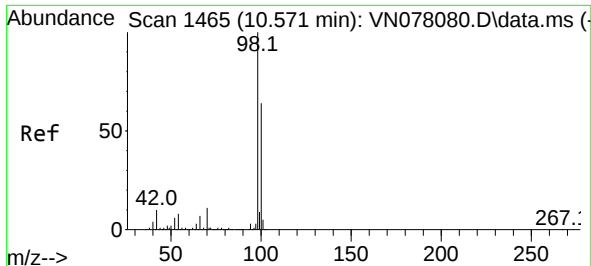
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 16.9 12.7 19.1

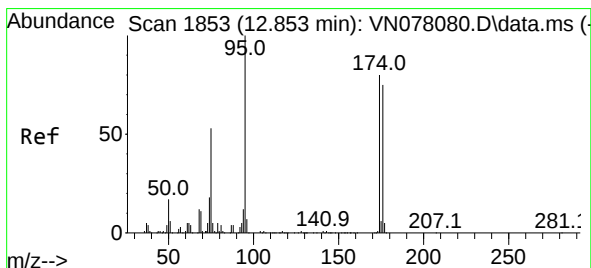
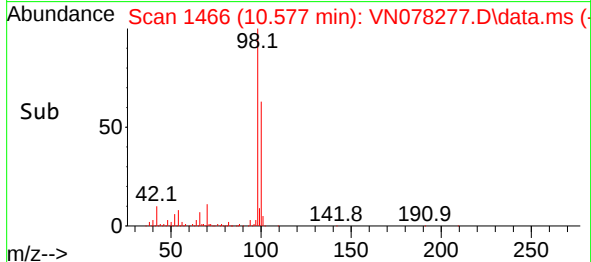
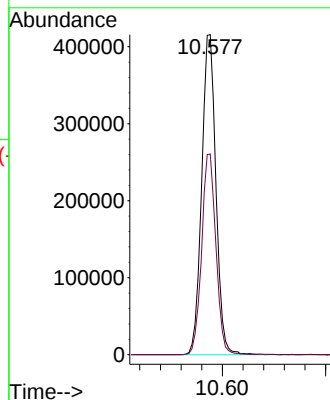
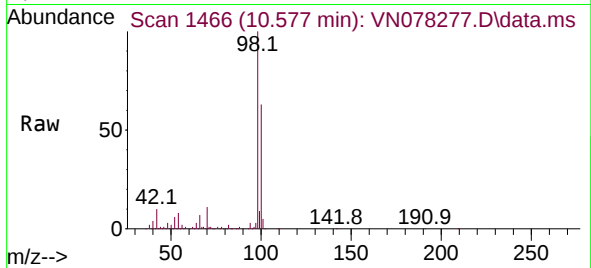




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

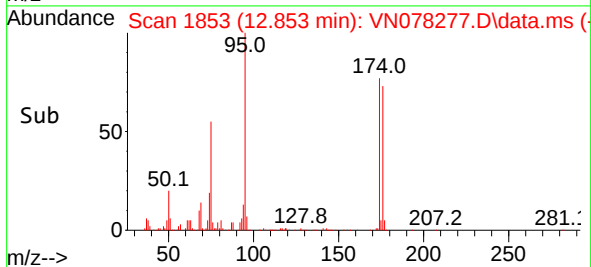
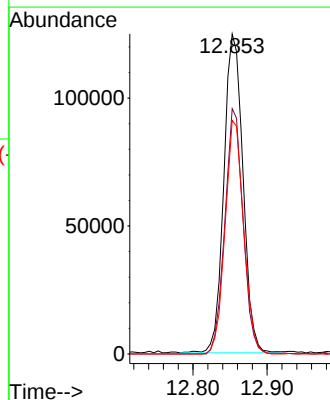
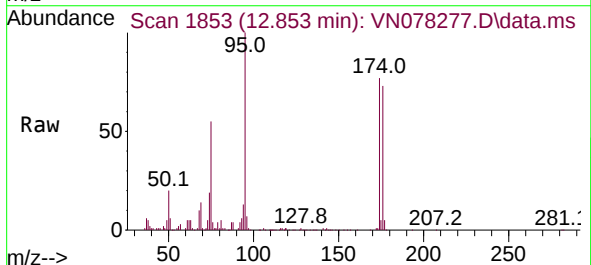
Instrument :
MSVOA_N
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IBLK

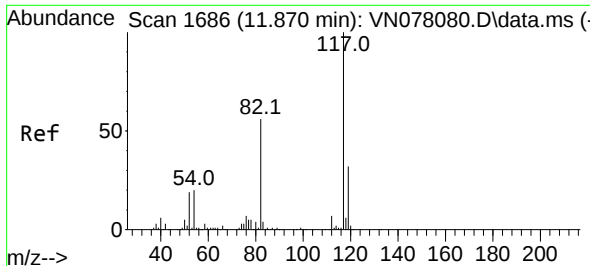
Tgt Ion: 98 Resp: 793186
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

Tgt Ion: 95 Resp: 223089
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 71.2 0.0 135.8

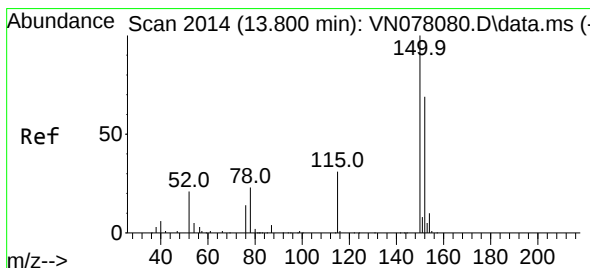
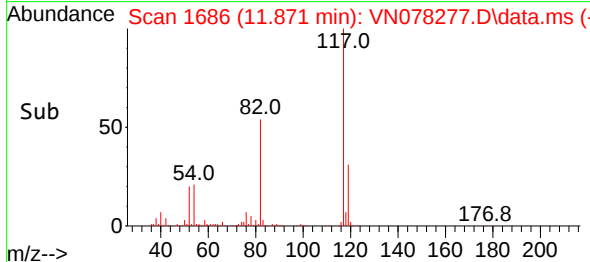
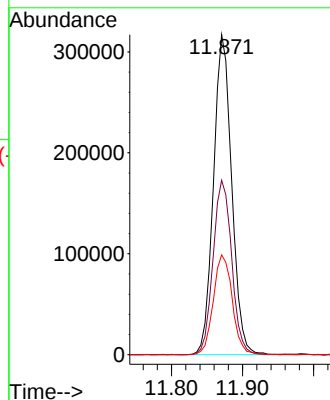
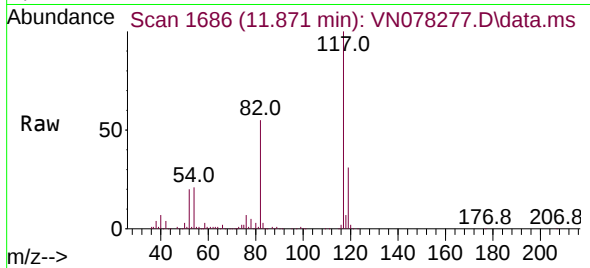




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 563087
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078277.D
Acq: 19 Jun 2023 14:12

Tgt Ion:152 Resp: 155094
Ion Ratio Lower Upper
152 100
115 79.4 32.3 96.8
150 163.5 0.0 355.8

