

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078162.D
 Acq On : 12 Jun 2023 13:29
 Operator : JC\MD
 Sample : 03137-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ACEDEMY-STREET-DRUM

Quant Time: Jun 13 01:31:29 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	488819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	892600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	767606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	245087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	336724	51.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.320%
35) Dibromofluoromethane	8.177	113	302722	53.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.280%
50) Toluene-d8	10.571	98	1037439	47.682	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.853	95	320326	47.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.720%

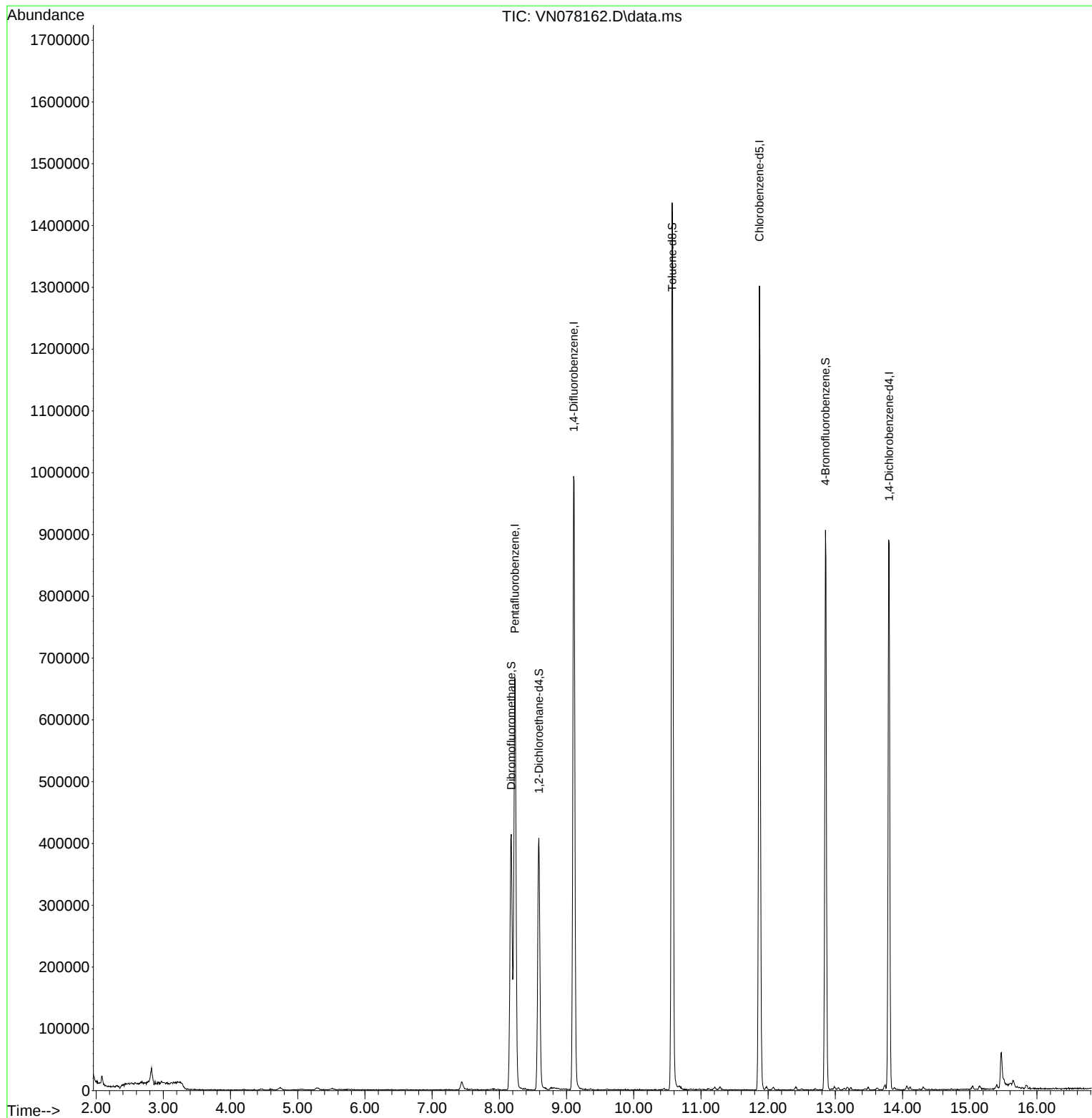
Target Compounds	Qvalue

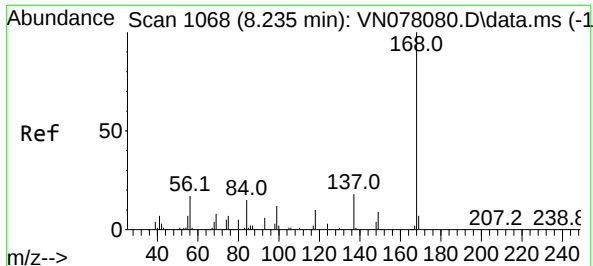
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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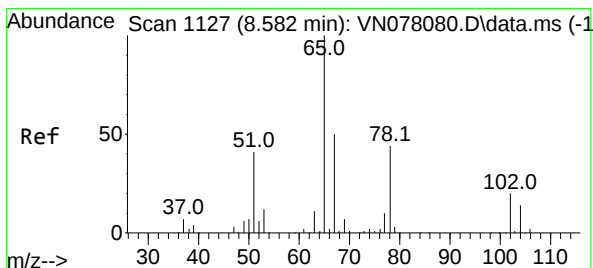
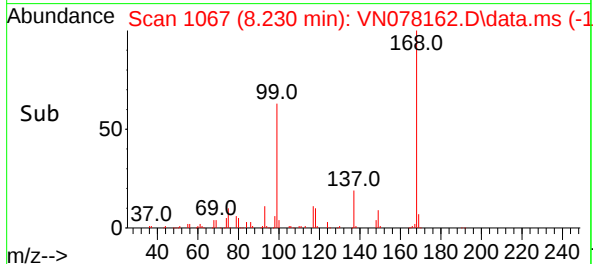
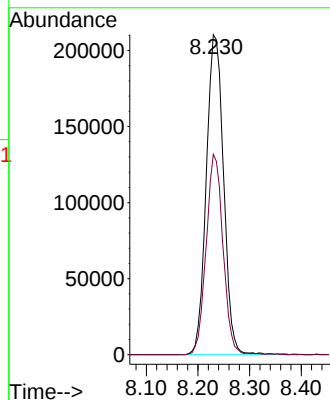
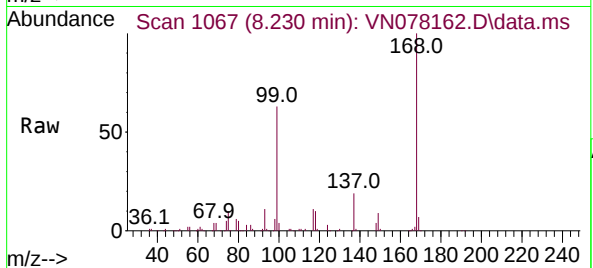




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.005 min
Lab File: VN078162.D
Acq: 12 Jun 2023 13:29

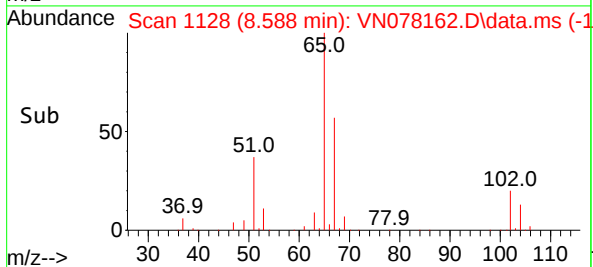
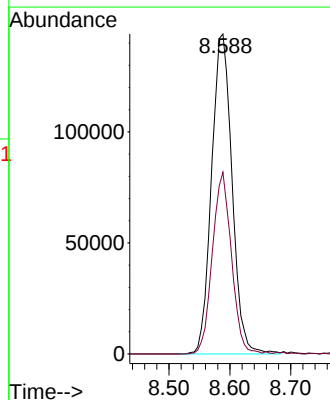
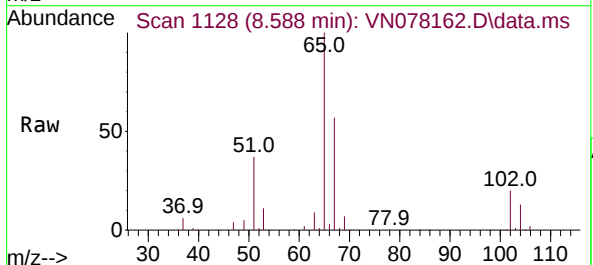
Instrument :
MSVOA_N
ClientSampleId :
ACEDEMY-STREET-DRUM

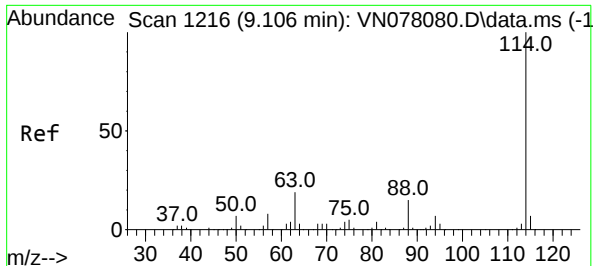
Tgt Ion:168 Resp: 488819
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.665 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078162.D
Acq: 12 Jun 2023 13:29

Tgt Ion: 65 Resp: 336724
Ion Ratio Lower Upper
65 100
67 52.8 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: VN078162.D

Acq: 12 Jun 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

ACEDEMY-STREET-DRUM

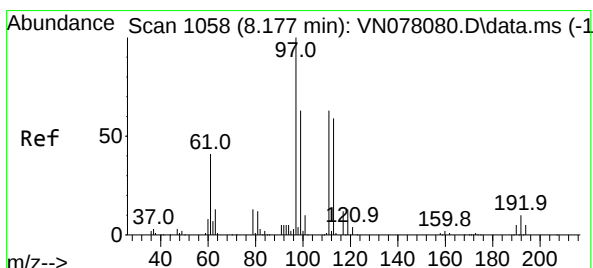
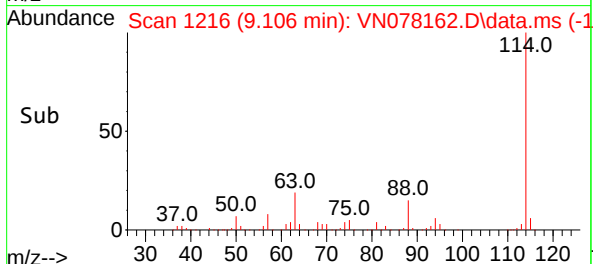
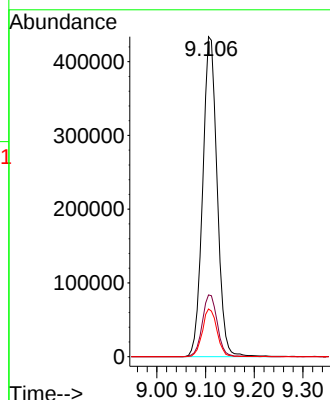
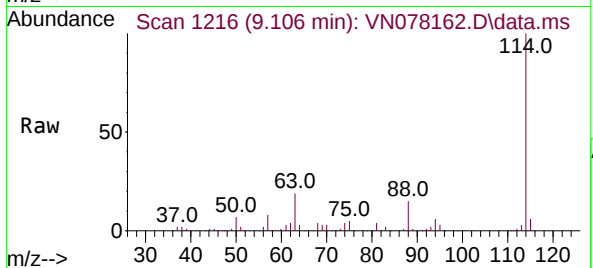
Tgt Ion:114 Resp: 892600

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.638 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078162.D

Acq: 12 Jun 2023 13:29

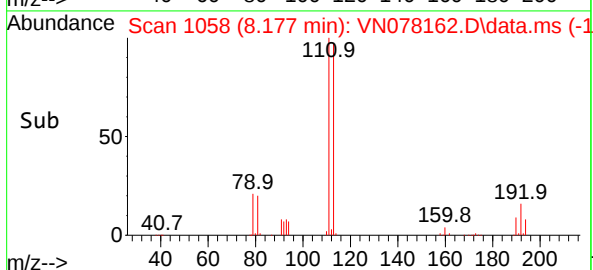
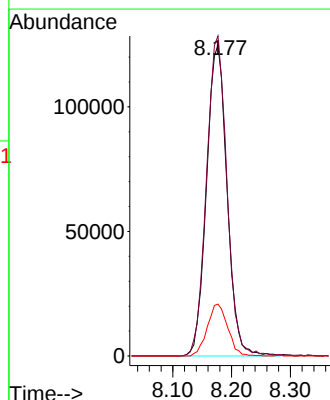
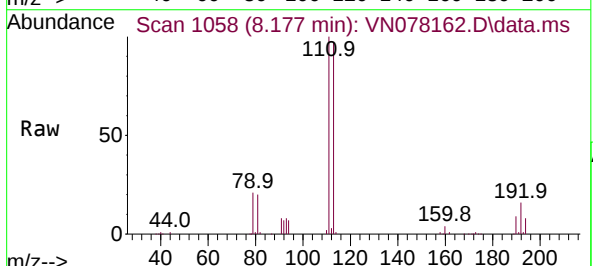
Tgt Ion:113 Resp: 302722

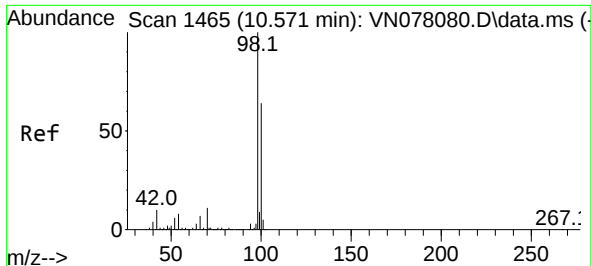
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 16.6 12.7 19.1

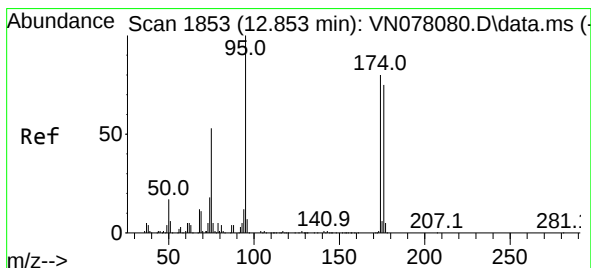
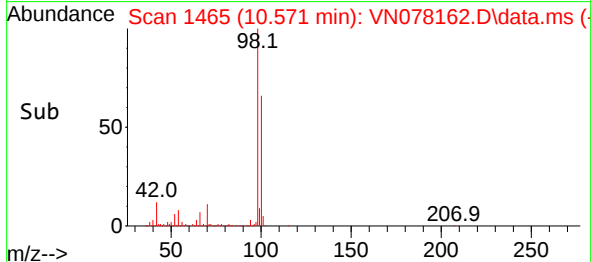
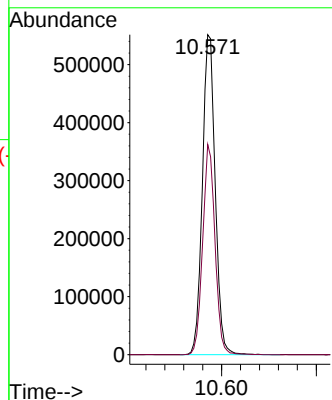
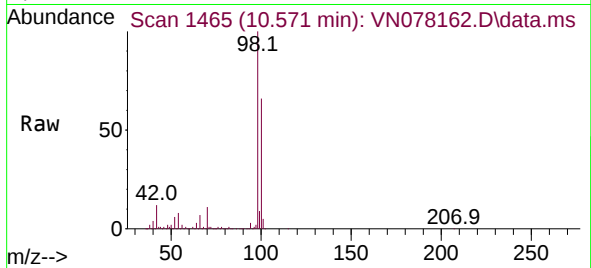




#50
Toluene-d8
Concen: 47.682 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078162.D
Acq: 12 Jun 2023 13:29

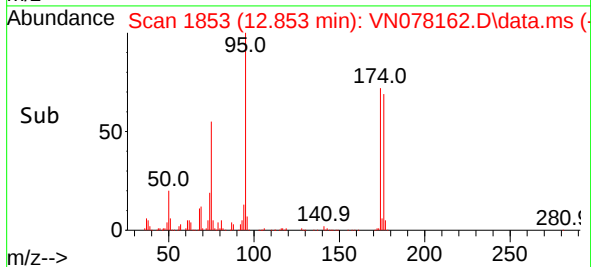
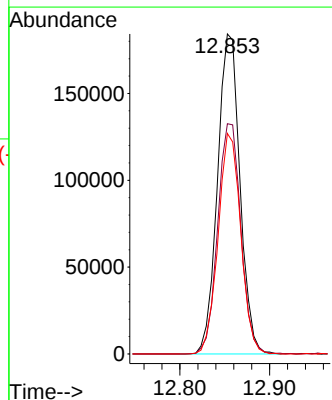
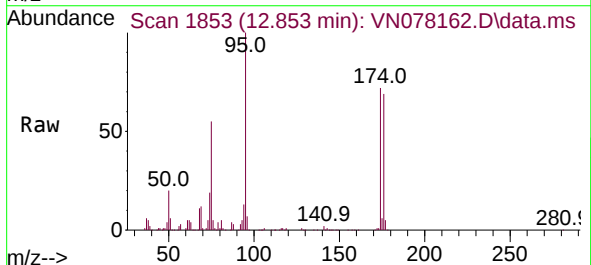
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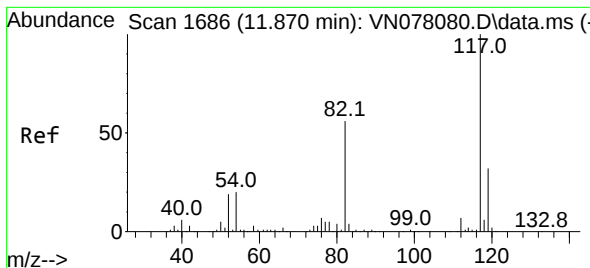
Tgt Ion: 98 Resp: 1037439
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078162.D
Acq: 12 Jun 2023 13:29

Tgt Ion: 95 Resp: 320326
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 69.3 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: VN078162.D

Acq: 12 Jun 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

ACEDEMY-STREET-DRUM

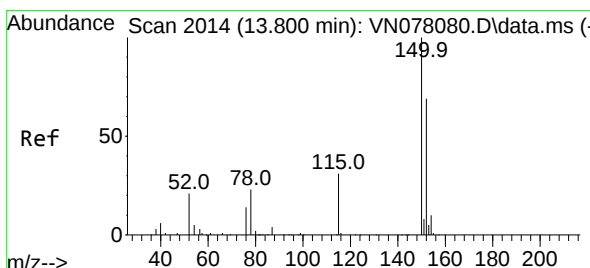
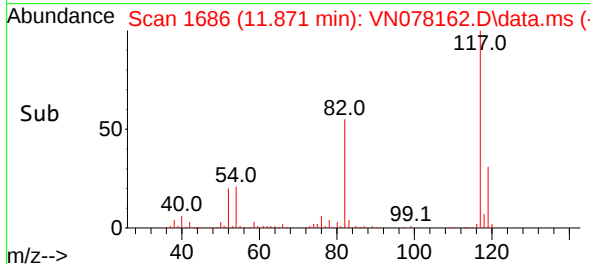
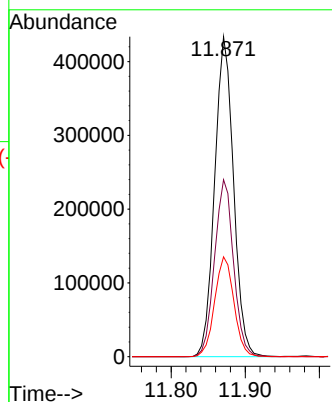
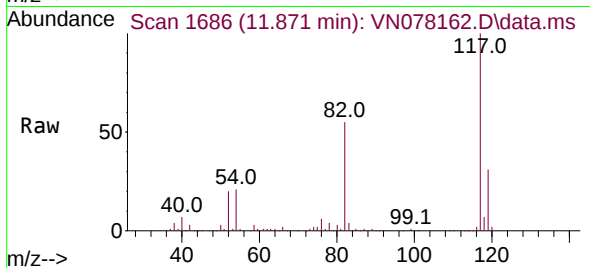
Tgt Ion:117 Resp: 767606

Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

119 31.2 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: VN078162.D

Acq: 12 Jun 2023 13:29

Tgt Ion:152 Resp: 245087

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 152.4 0.0 355.8

