

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077969.D
 Acq On : 30 May 2023 15:03
 Operator : JC\MD
 Sample : 02973-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20230526

Quant Time: May 31 02:08:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

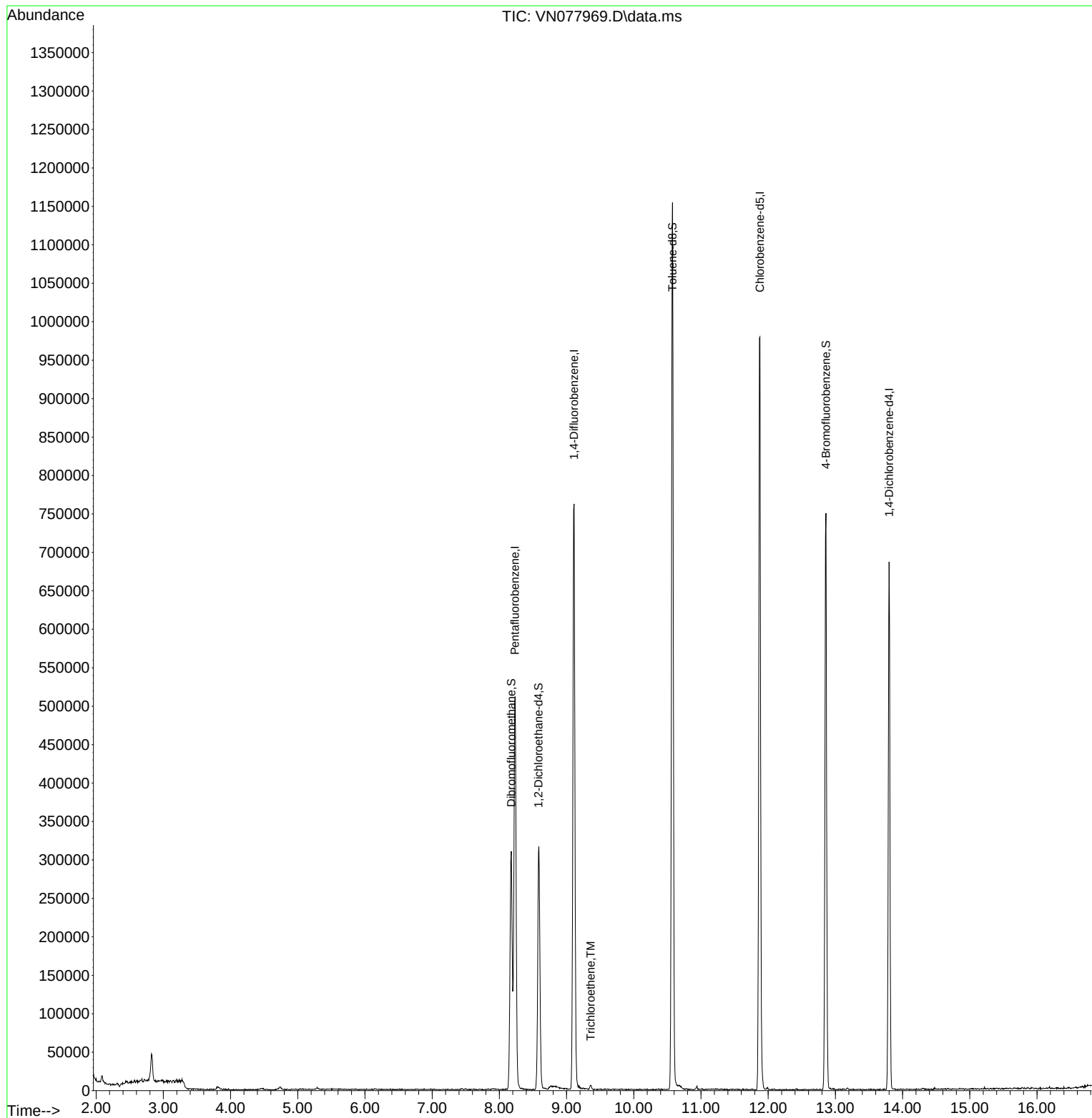
Internal Standards						
1) Pentafluorobenzene	8.230	168	368724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	684005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	598853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	259438	47.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.040%
35) Dibromofluoromethane	8.177	113	223546	50.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	10.576	98	844222	49.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.859	95	270405	44.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.200%
Target Compounds						
44) Trichloroethene	9.359	130	2098	0.430	ug/l	Qvalue 73

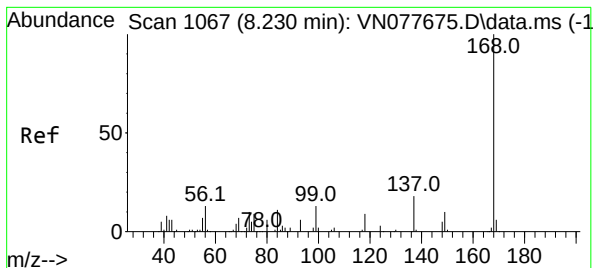
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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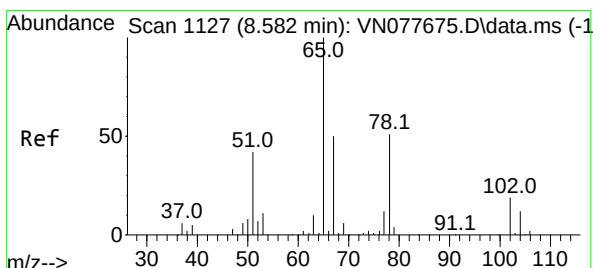
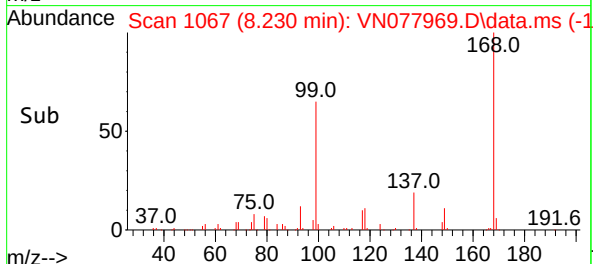
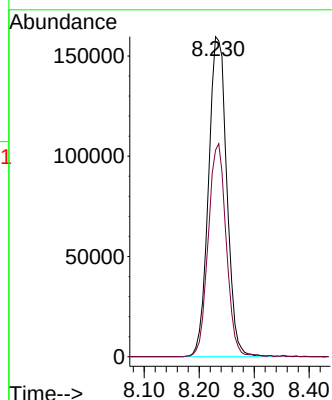
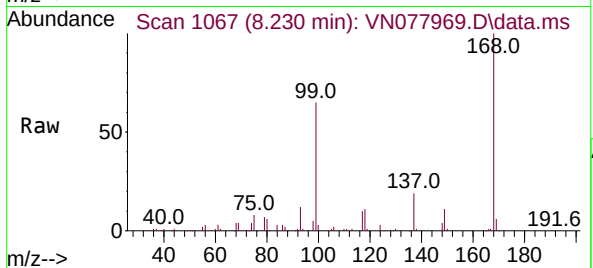




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

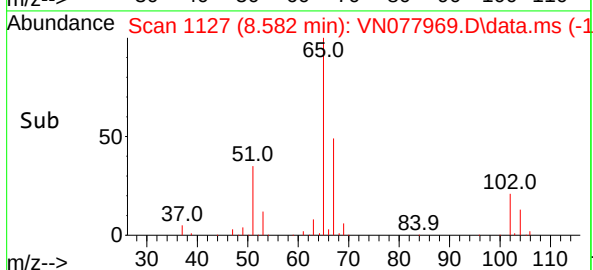
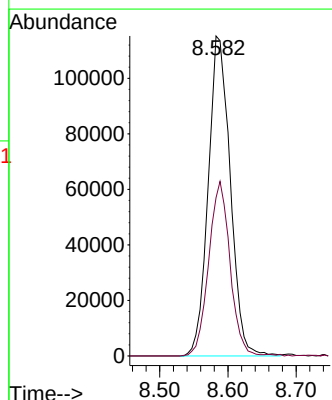
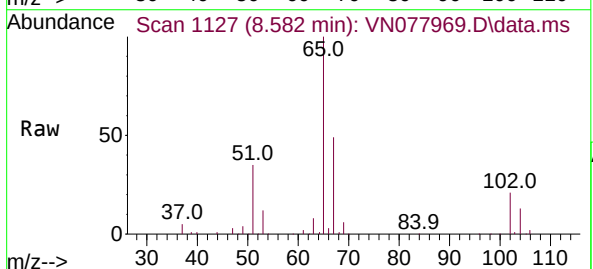
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

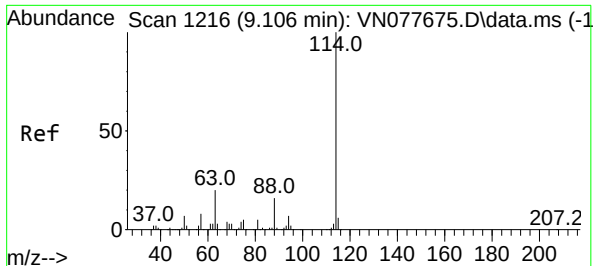
Tgt Ion:168 Resp: 368724
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.025 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 65 Resp: 259438
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077969.D

Acq: 30 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

MH-117N-20230526

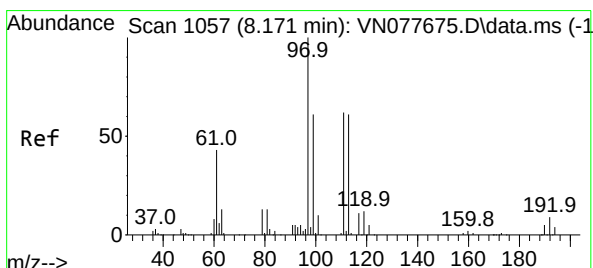
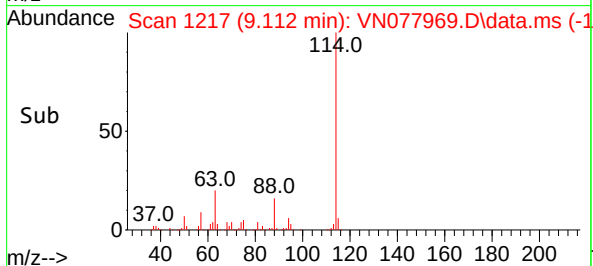
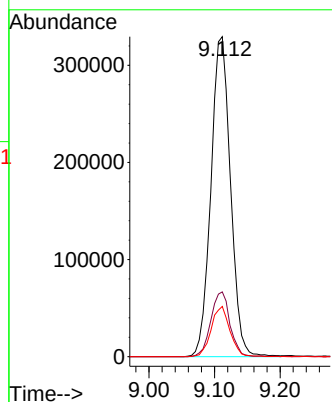
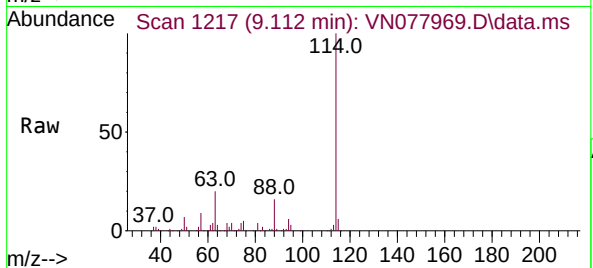
Tgt Ion:114 Resp: 684005

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.119 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077969.D

Acq: 30 May 2023 15:03

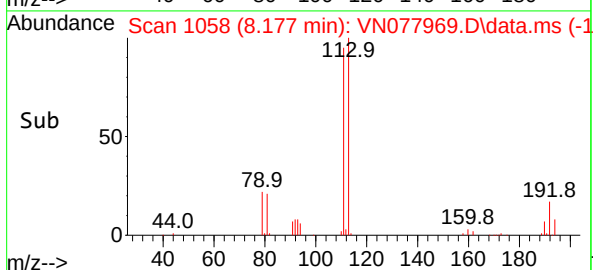
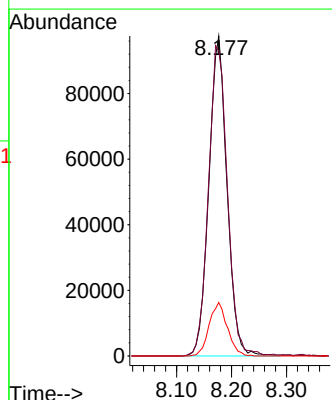
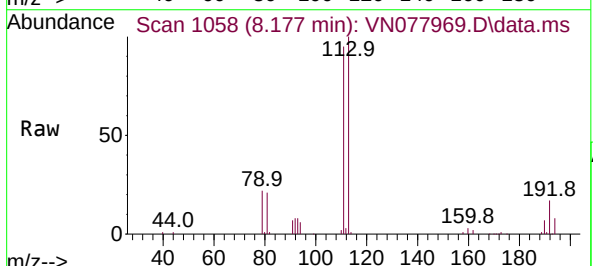
Tgt Ion:113 Resp: 223546

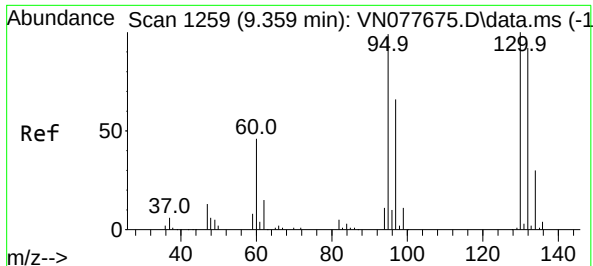
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.8 12.7 19.1

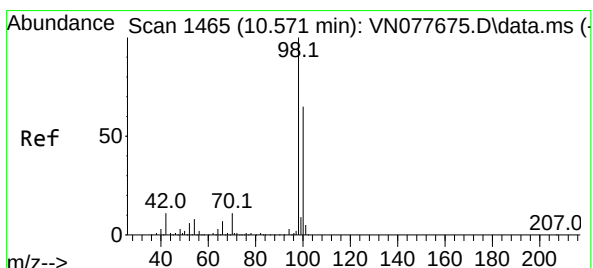
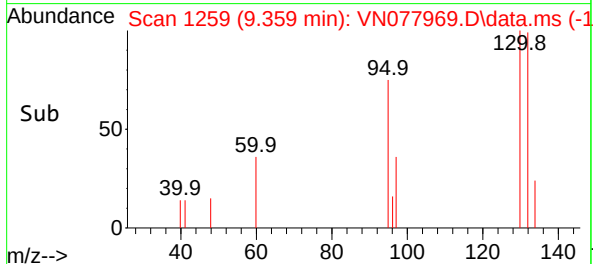
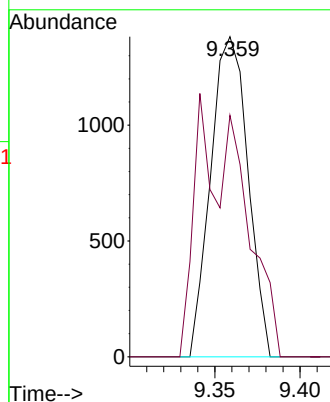
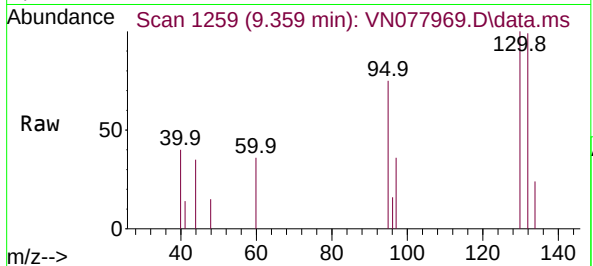




#44
Trichloroethene
Concen: 0.430 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

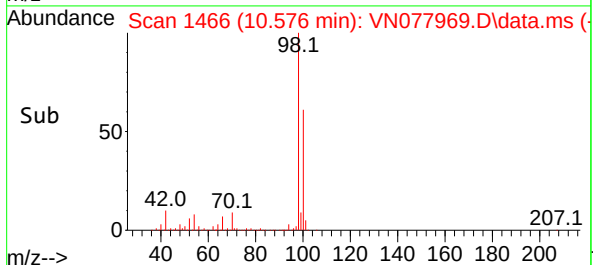
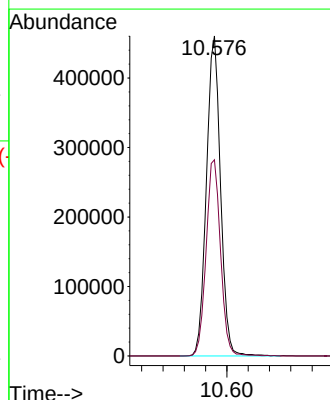
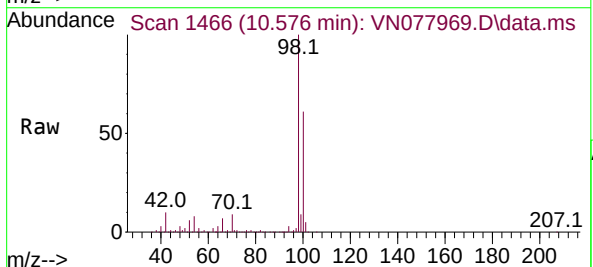
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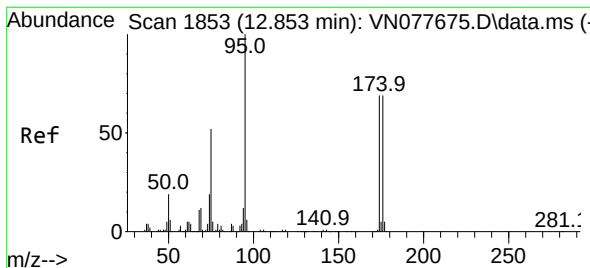
Tgt Ion:130 Resp: 2098
Ion Ratio Lower Upper
130 100
95 75.4 0.0 204.6



#50
Toluene-d8
Concen: 49.174 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 98 Resp: 844222
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

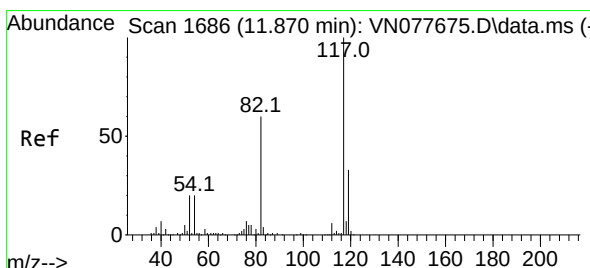
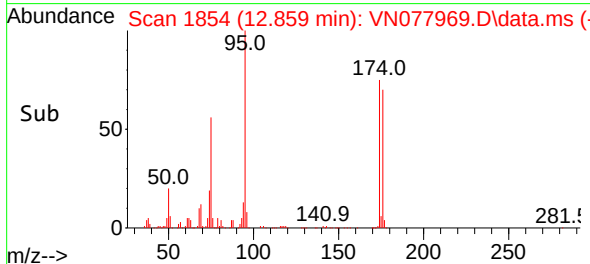
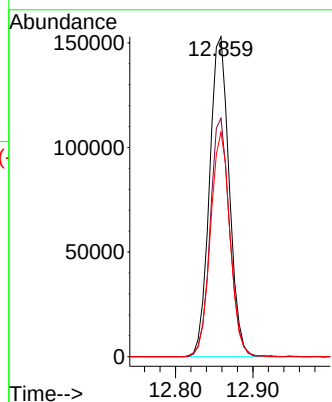
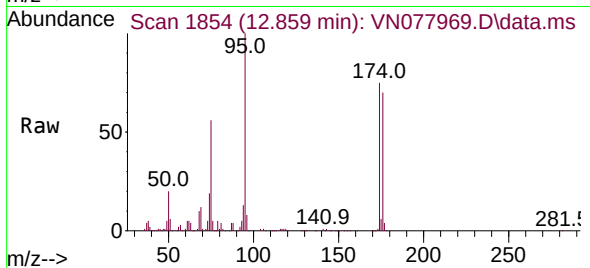




#62
4-Bromofluorobenzene
Concen: 44.596 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

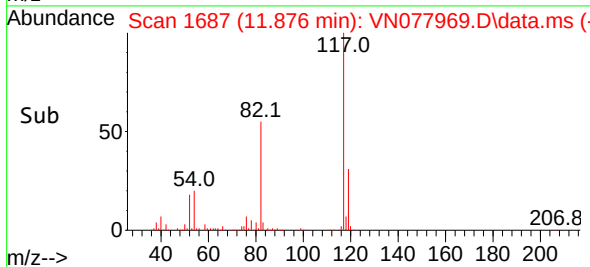
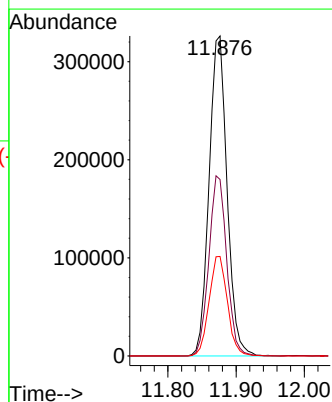
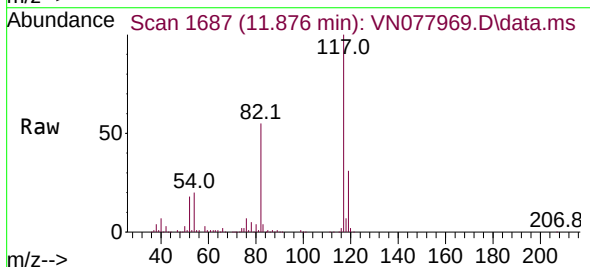
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

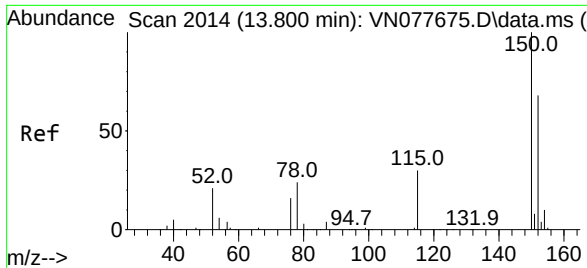
Tgt Ion: 95 Resp: 270405
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 69.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 117 Resp: 598853
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077969.D

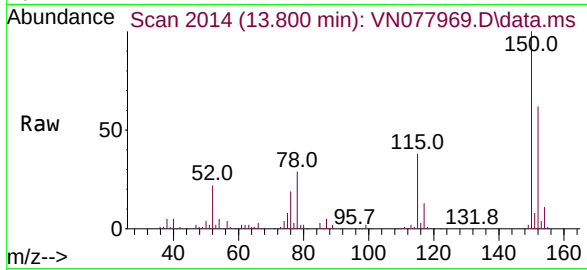
Acq: 30 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

MH-117N-20230526



Tgt Ion:152 Resp: 182649

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 161.5 0.0 355.8

