

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075920.D
 Acq On : 21 Dec 2022 15:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 22 03:02:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

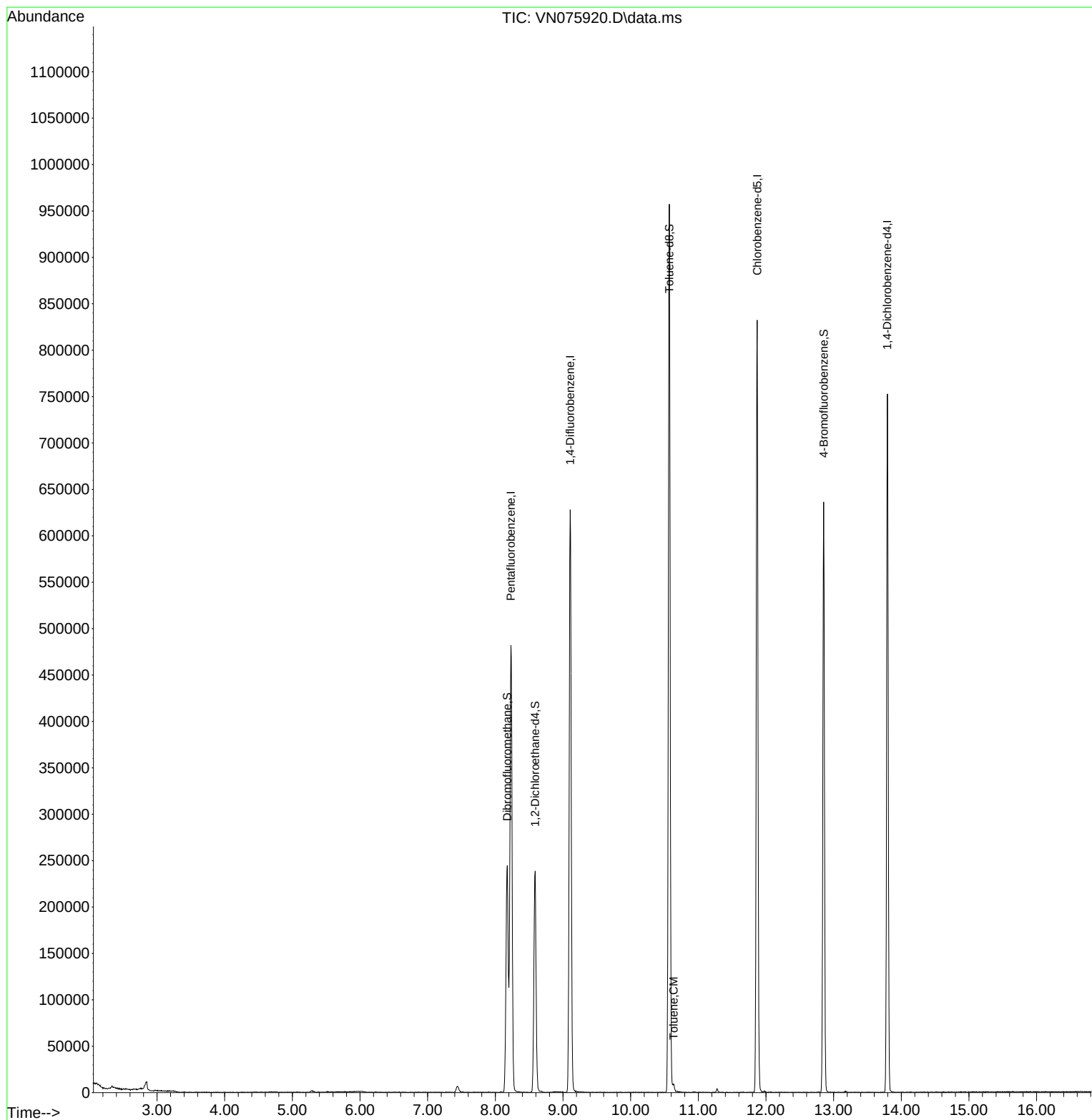
Internal Standards						
1) Pentafluorobenzene	8.230	168	378023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	593788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	188919	45.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.880%		
35) Dibromofluoromethane	8.177	113	172925	47.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.060%		
50) Toluene-d8	10.571	98	681992	49.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.200%		
62) 4-Bromofluorobenzene	12.853	95	211383	46.420	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						
52) Toluene	10.635	92	3365	0.343	ug/l	Qvalue 97

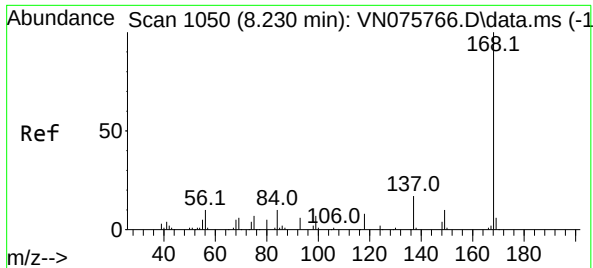
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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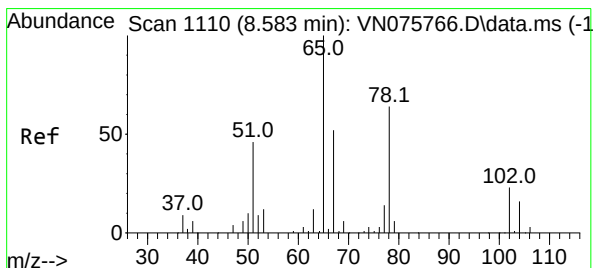
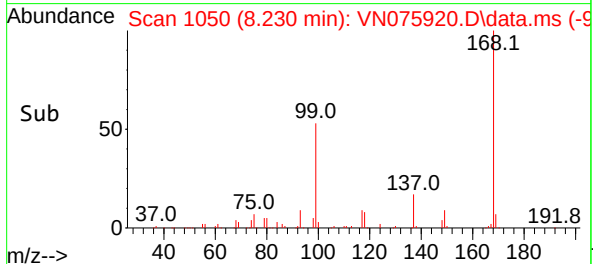
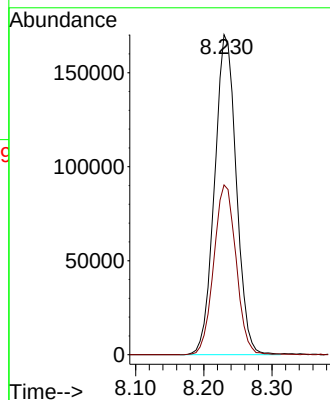
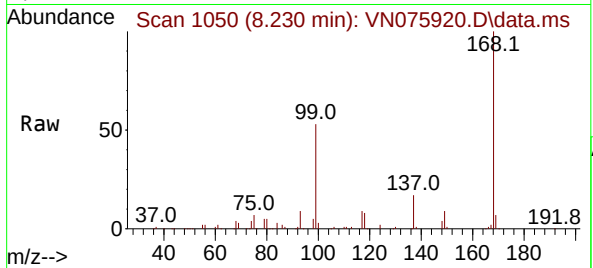




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

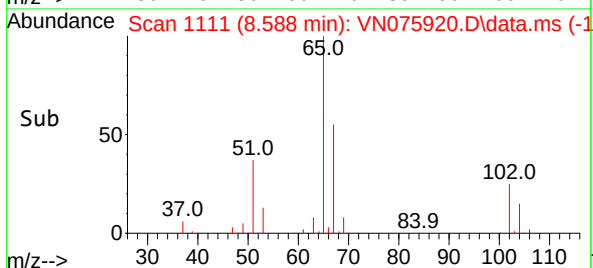
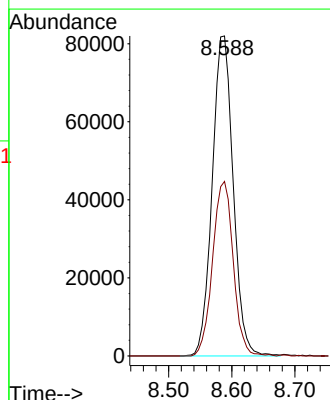
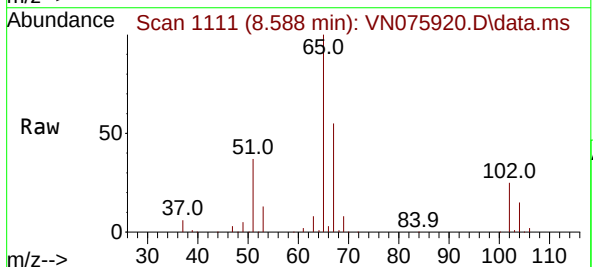
Instrument :
MSVOA_N
ClientSampleId :
IBLK

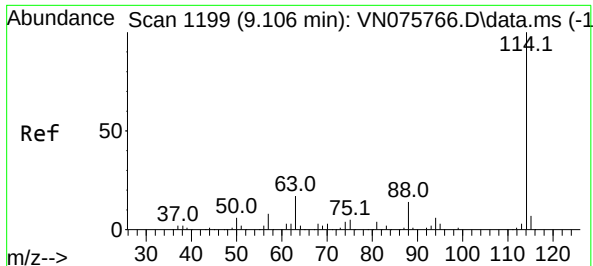
Tgt Ion:168 Resp: 378023
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.937 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

Tgt Ion: 65 Resp: 188919
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075920.D

Acq: 21 Dec 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

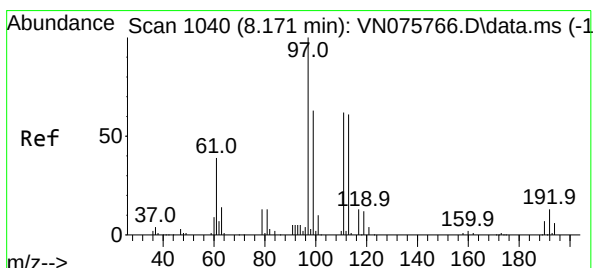
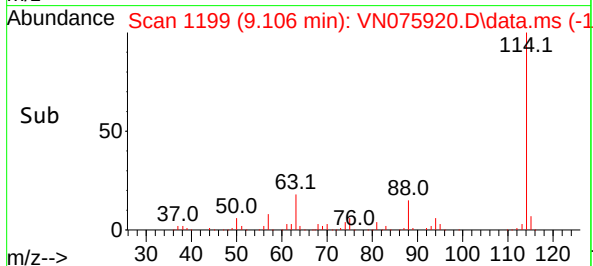
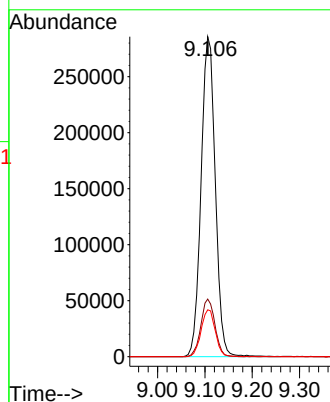
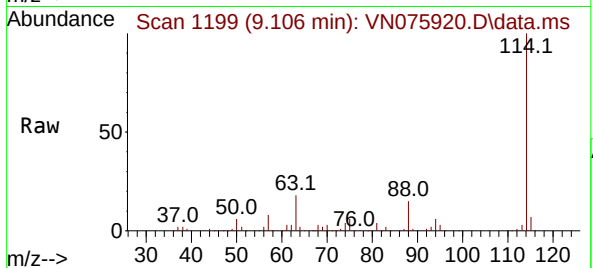
Tgt Ion:114 Resp: 593788

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.026 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075920.D

Acq: 21 Dec 2022 15:29

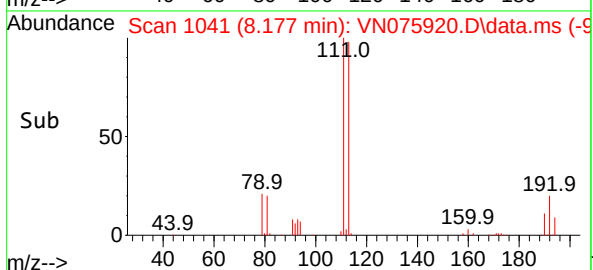
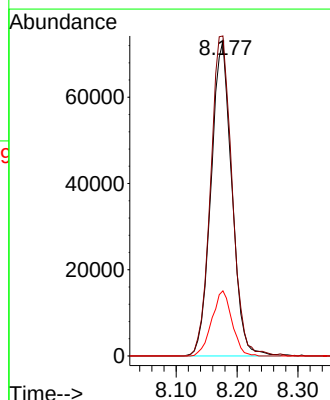
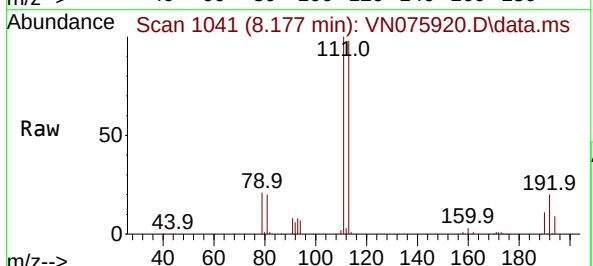
Tgt Ion:113 Resp: 172925

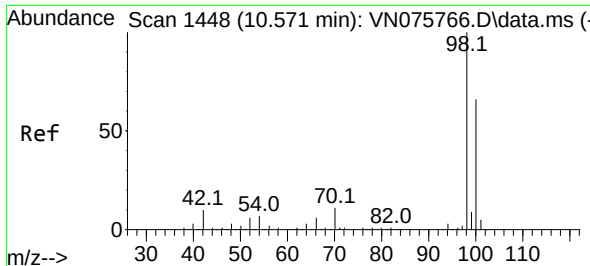
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 20.1 16.1 24.1

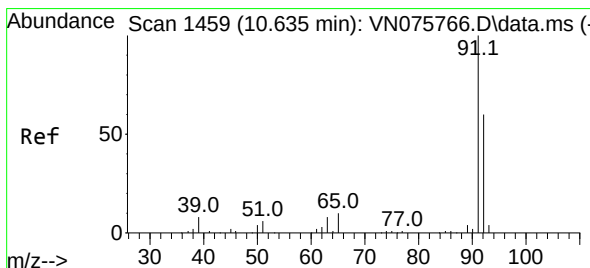
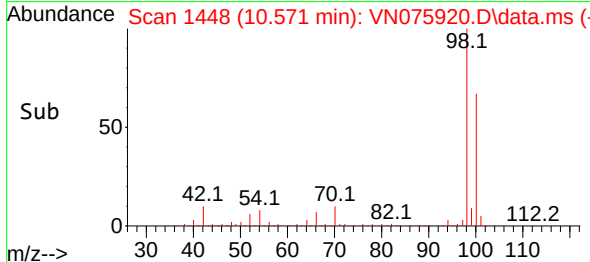
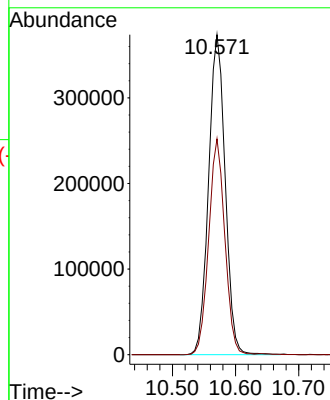
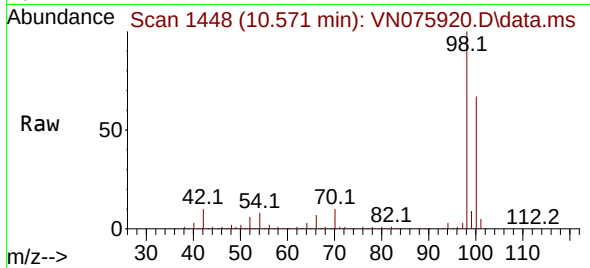




#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

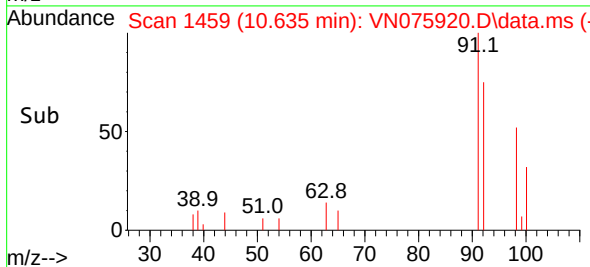
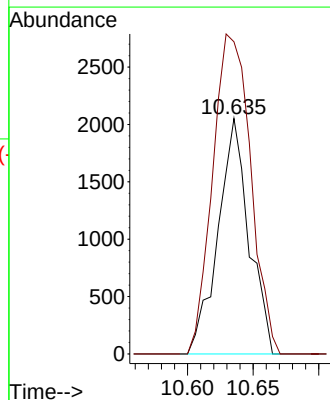
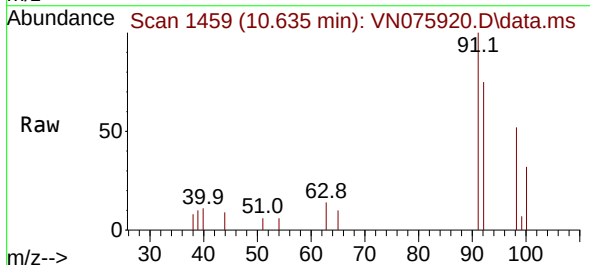
Instrument :
MSVOA_N
ClientSampleId :
IBLK

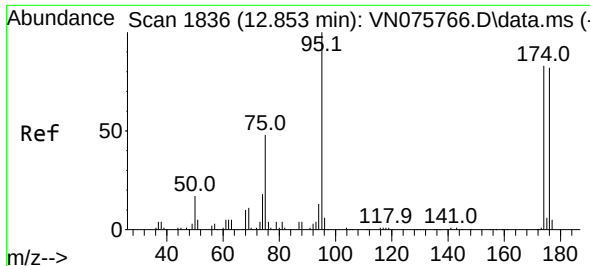
Tgt Ion: 98 Resp: 681992
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#52
Toluene
Concen: 0.343 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

Tgt Ion: 92 Resp: 3365
Ion Ratio Lower Upper
92 100
91 167.0 137.3 205.9

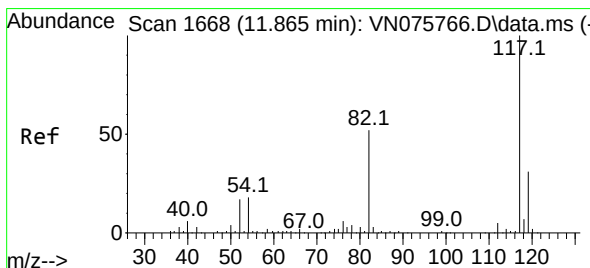
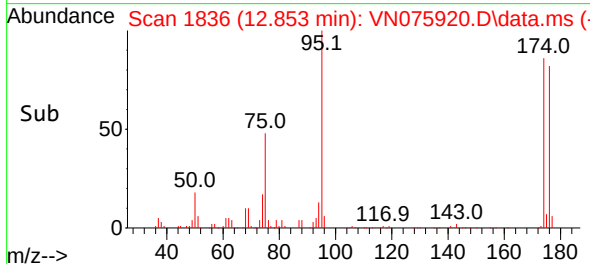
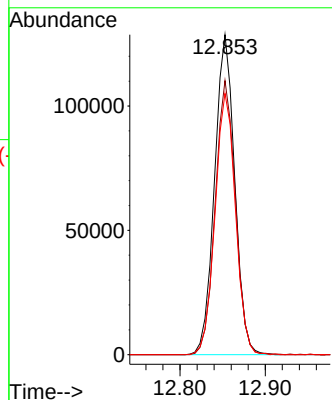
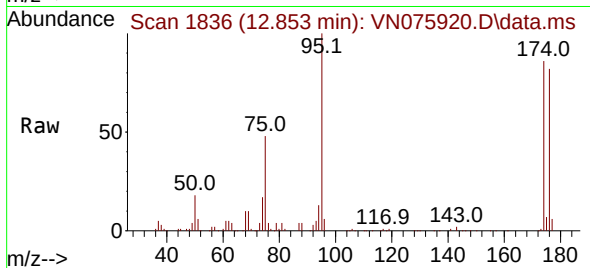




#62
4-Bromofluorobenzene
Concen: 46.420 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

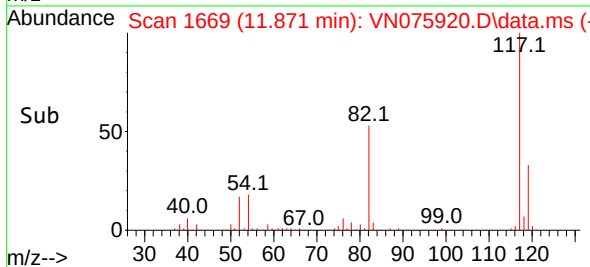
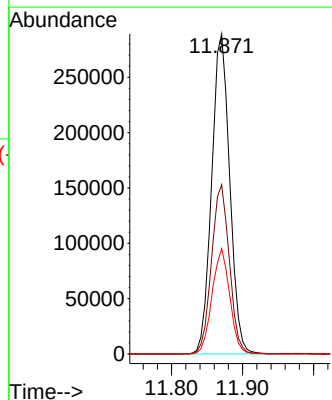
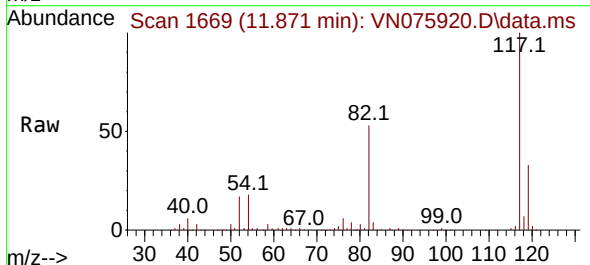
Instrument :
MSVOA_N
ClientSampleId :
IBLK

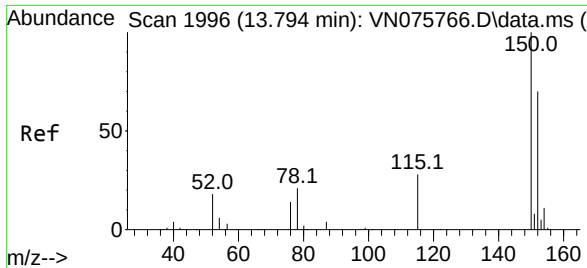
Tgt Ion: 95 Resp: 211383
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 82.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075920.D
Acq: 21 Dec 2022 15:29

Tgt Ion: 117 Resp: 509099
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 32.9 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075920.D
 Acq: 21 Dec 2022 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 212563

Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.1	87.4
150	154.3	0.0	347.0

