

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074988.D
 Acq On : 24 Oct 2022 17:01
 Operator : JC\MD
 Sample : N5222-15RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ARE

Quant Time: Oct 25 06:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

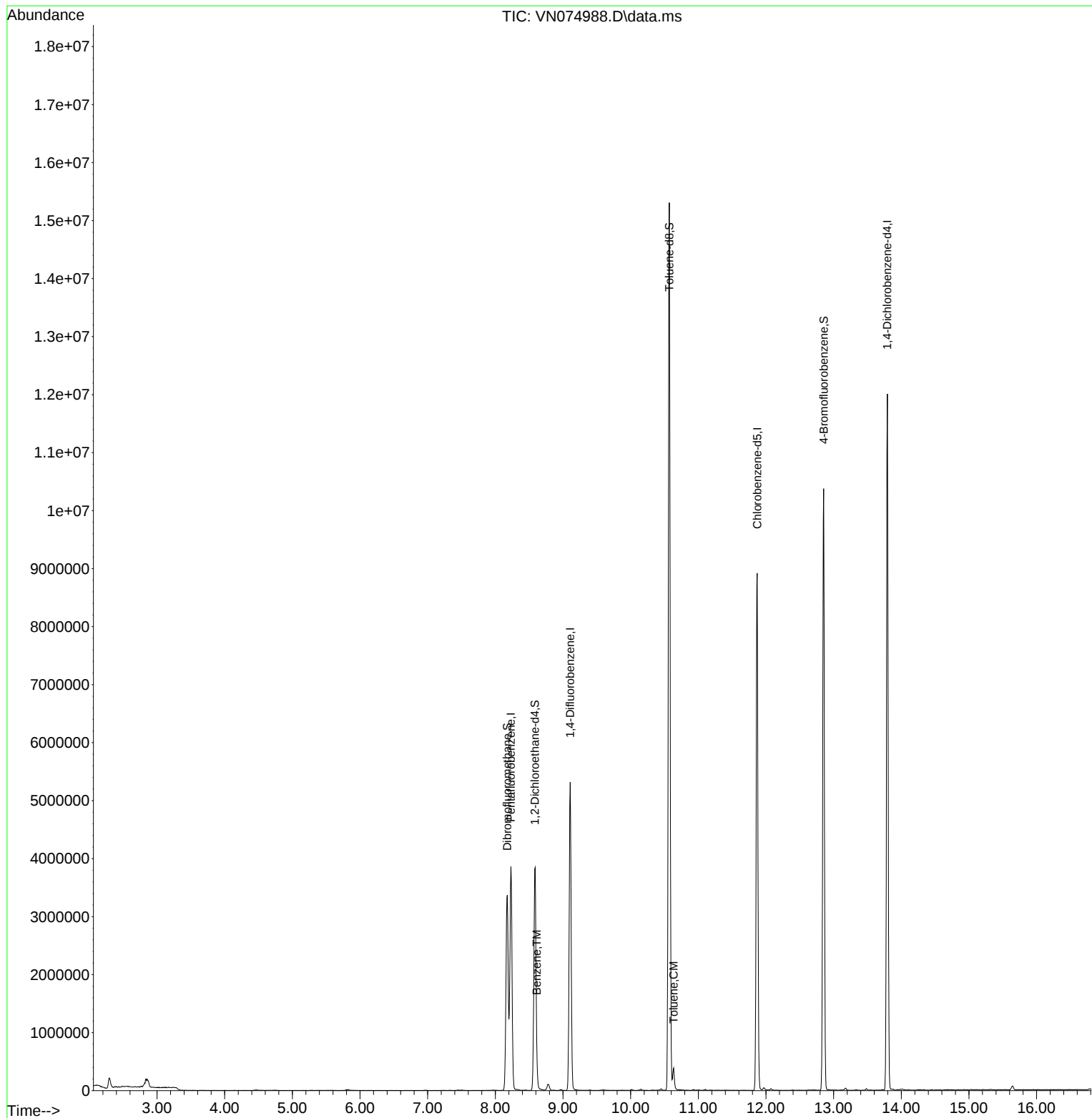
Internal Standards						
1) Pentafluorobenzene	8.230	168	2640932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	4589189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	5059172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	3083106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	3095748	44.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.240%
35) Dibromofluoromethane	8.177	113	2356419	43.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.280%
50) Toluene-d8	10.571	98	10713762	51.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	3529022	47.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	115325	0.544	ug/l	100
52) Toluene	10.635	92	147730	1.068	ug/l	100

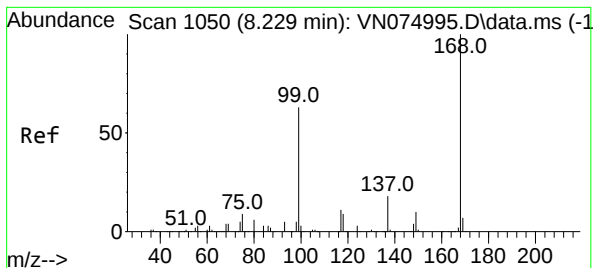
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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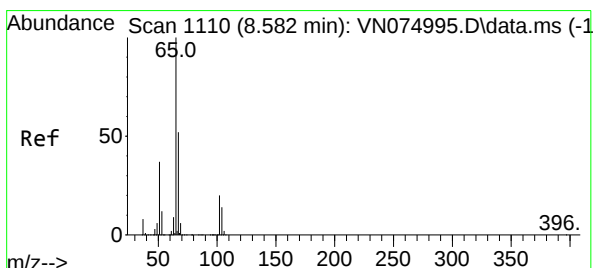
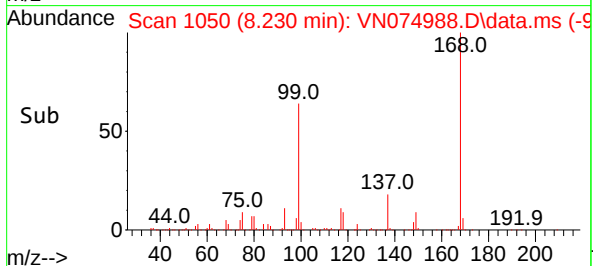
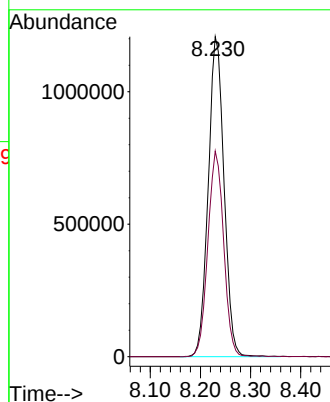
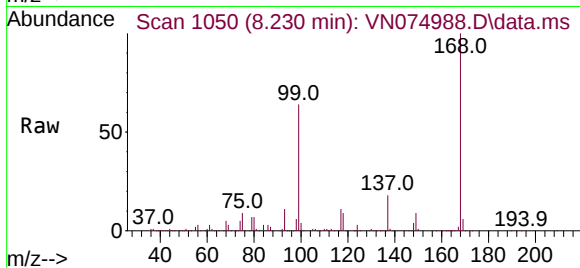




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

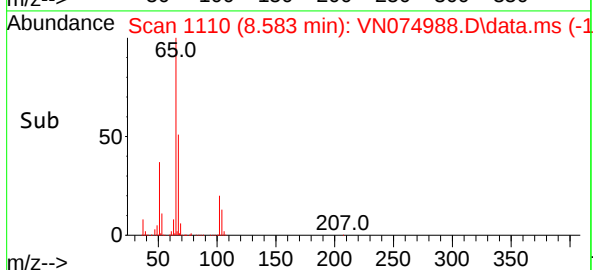
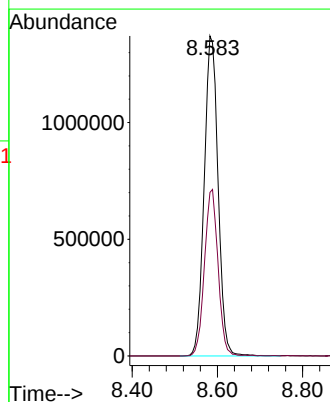
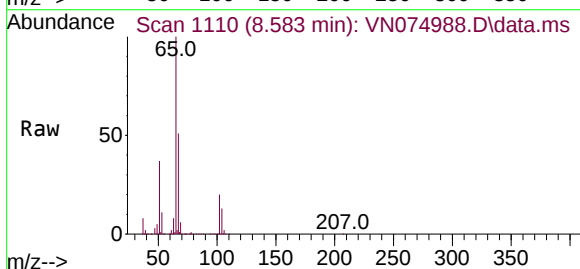
Instrument :
MSVOA_N
ClientSampleId :
MW-1ARE

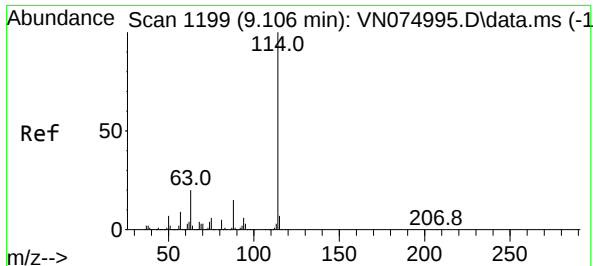
Tgt Ion:168 Resp: 2640932
Ion Ratio Lower Upper
168 100
99 64.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 44.119 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

Tgt Ion: 65 Resp: 3095748
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074988.D

Acq: 24 Oct 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

MW-1ARE

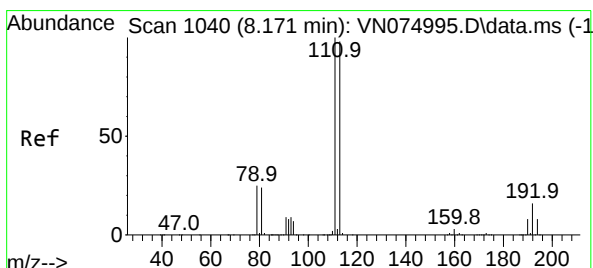
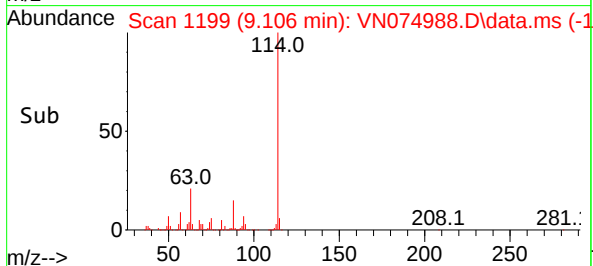
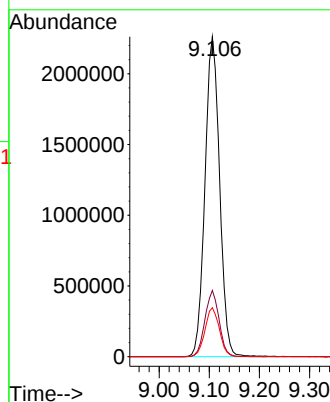
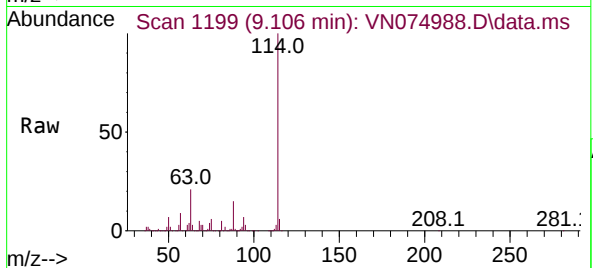
Tgt Ion:114 Resp: 4589189

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

88 15.3 0.0 30.4



#35

Dibromofluoromethane

Concen: 43.140 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074988.D

Acq: 24 Oct 2022 17:01

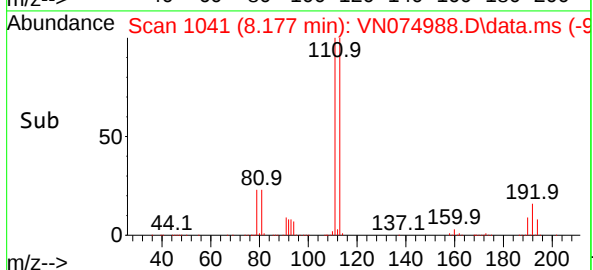
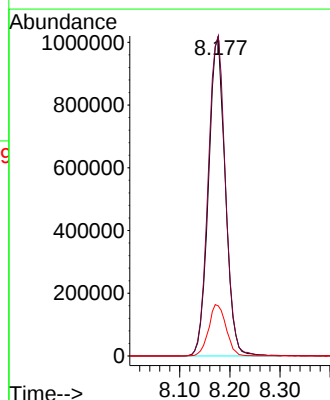
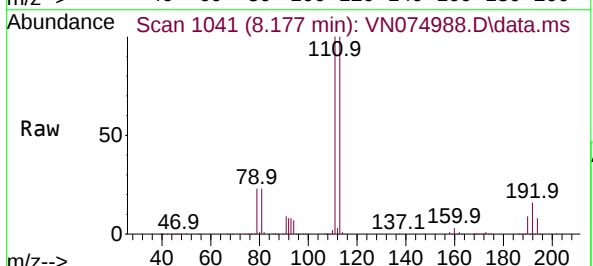
Tgt Ion:113 Resp: 2356419

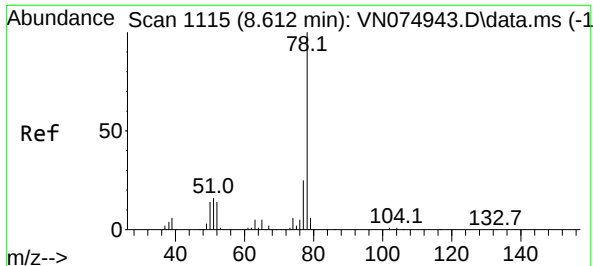
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 16.8 13.3 19.9

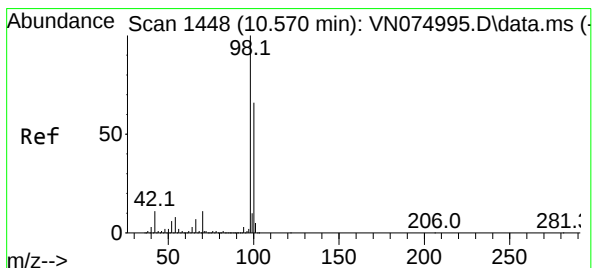
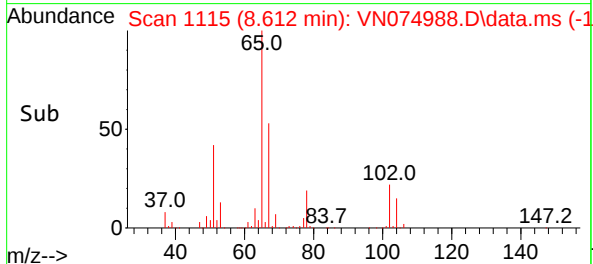
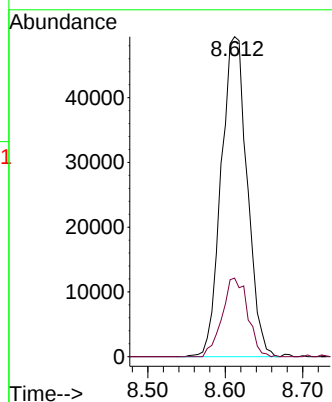
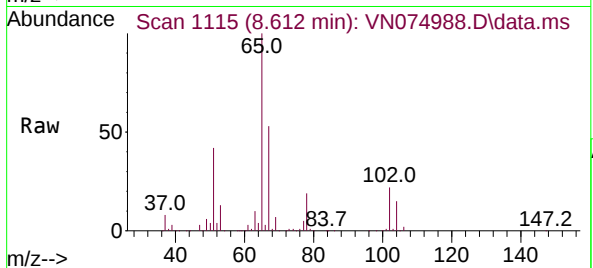




#40
Benzene
Concen: 0.544 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

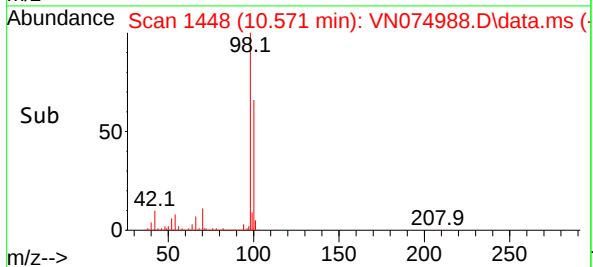
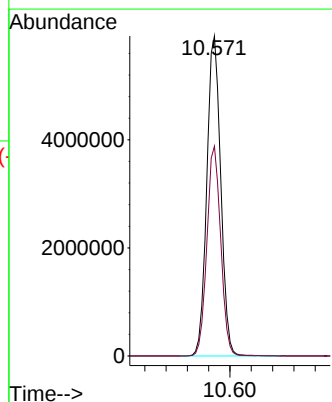
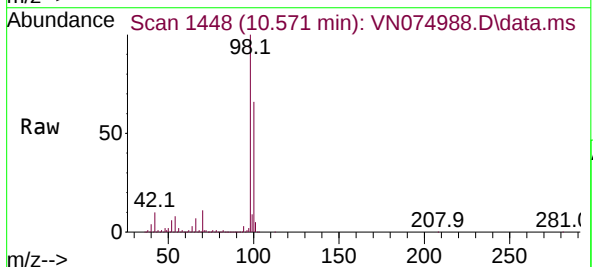
Instrument :
MSVOA_N
ClientSampleId :
MW-1ARE

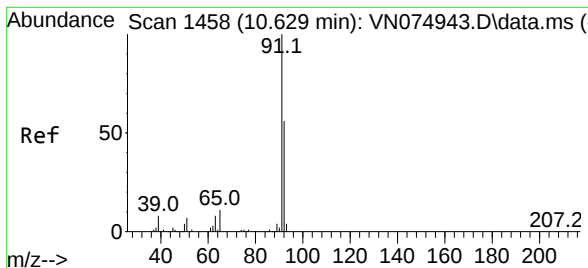
Tgt Ion: 78 Resp: 115325
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



#50
Toluene-d8
Concen: 51.121 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

Tgt Ion: 98 Resp:10713762
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2





#52

Toluene

Concen: 1.068 ug/l

RT: 10.635 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VN074988.D

Acq: 24 Oct 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

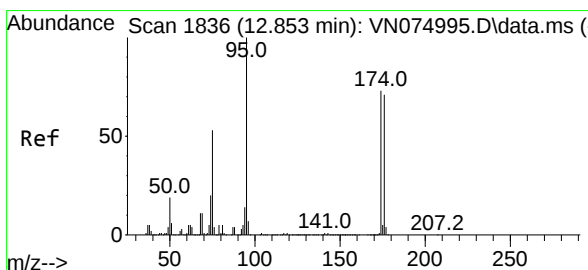
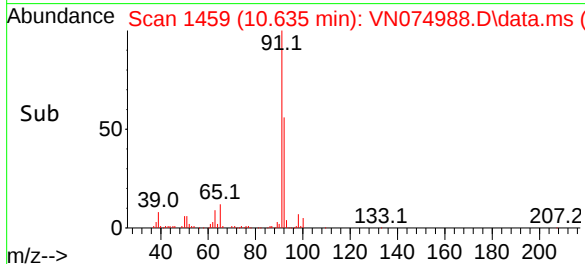
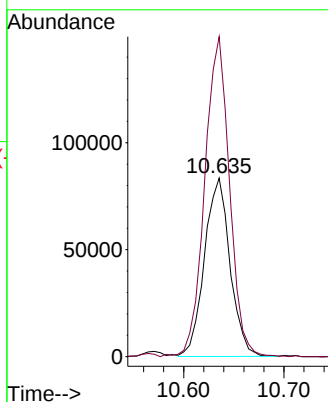
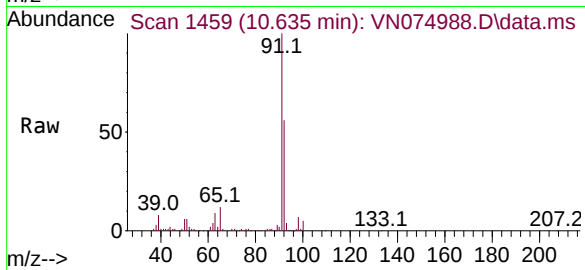
MW-1ARE

Tgt Ion: 92 Resp: 147730

Ion Ratio Lower Upper

92 100

91 174.1 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN074988.D

Acq: 24 Oct 2022 17:01

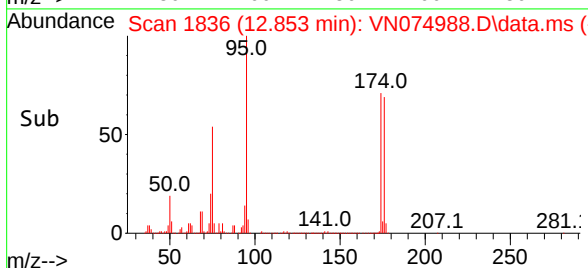
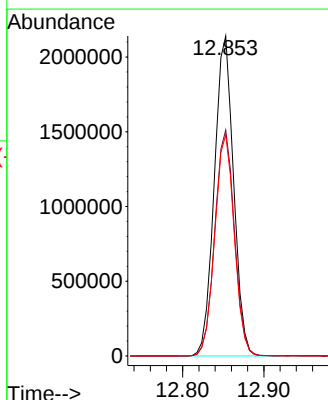
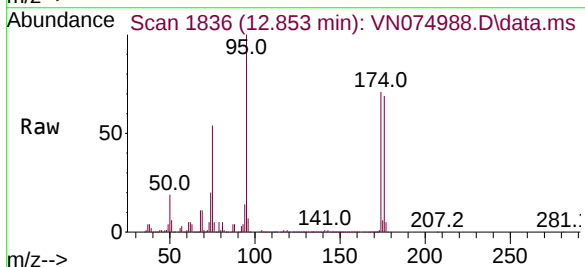
Tgt Ion: 95 Resp: 3529022

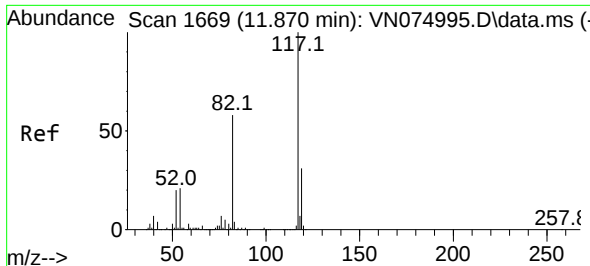
Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.0

176 69.8 0.0 138.2

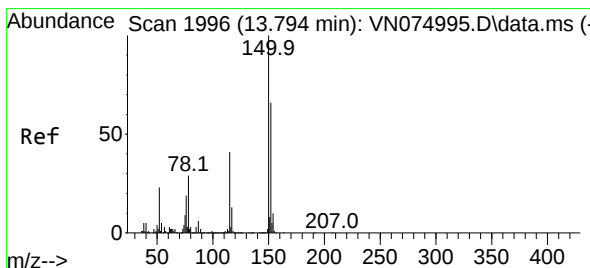
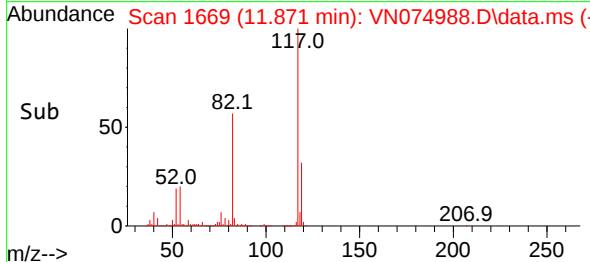
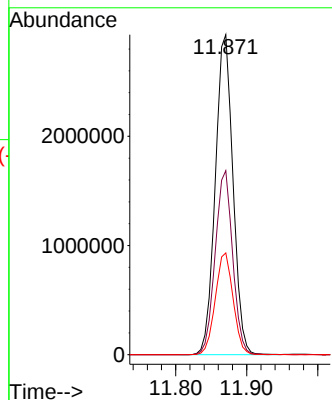
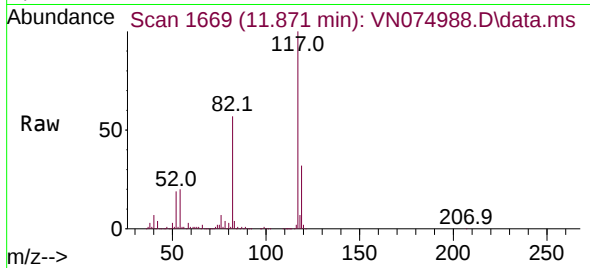




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
MW-1ARE

Tgt Ion:117 Resp: 5059172
Ion Ratio Lower Upper
117 100
82 57.5 45.6 68.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074988.D
Acq: 24 Oct 2022 17:01

Tgt Ion:152 Resp: 3083106
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.2 0.0 349.6

