

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074670.D
 Acq On : 30 Sep 2022 16:29
 Operator : JC\MD
 Sample : N4913-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-02-160-180-092922

Quant Time: Oct 03 02:06:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

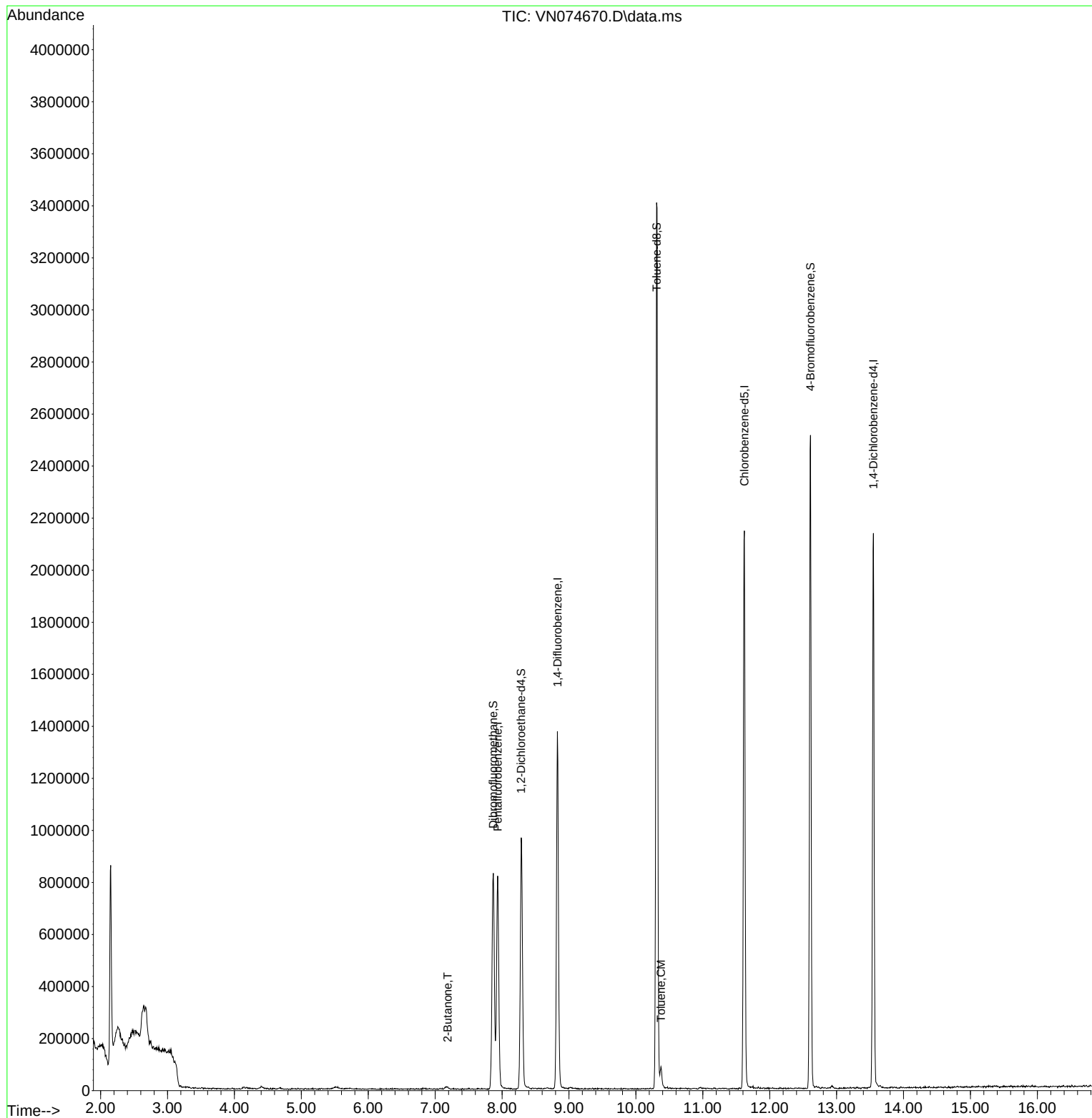
Internal Standards						
1) Pentafluorobenzene	7.933	168	582412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	1125113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	1139147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	523031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	714222	48.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	7.869	113	585696	49.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.310	98	2278495	45.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.610	95	759194	47.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.186	43	15519	1.155	ug/l #	69
52) Toluene	10.374	92	28016	0.789	ug/l	83

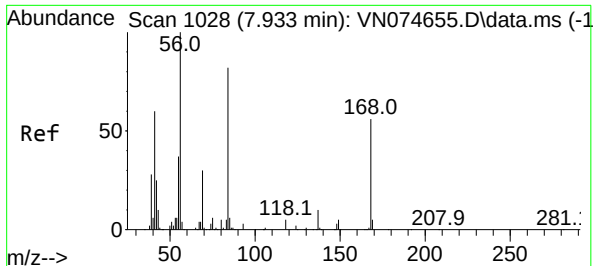
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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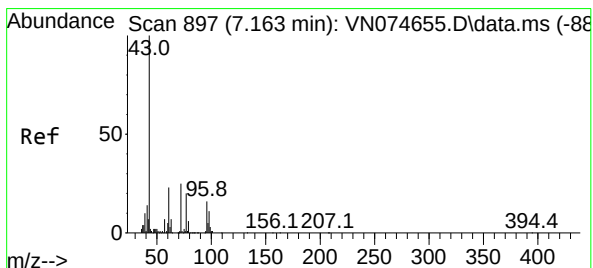
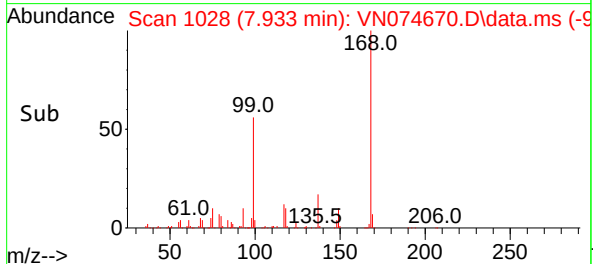
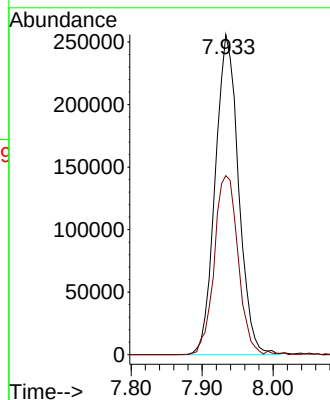
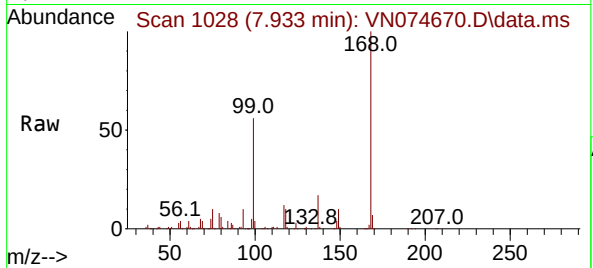




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074670.D
Acq: 30 Sep 2022 16:29

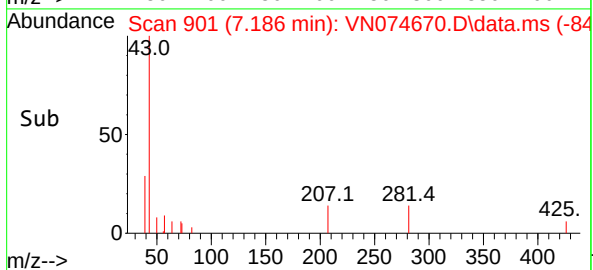
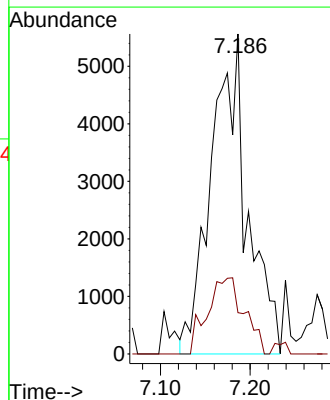
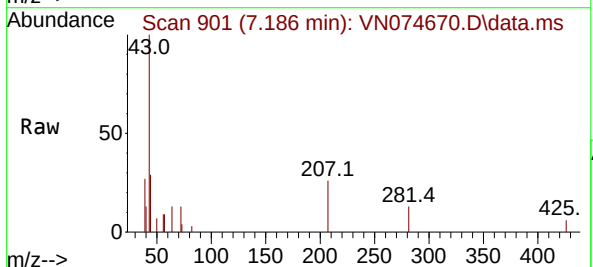
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-02-160-180-092922

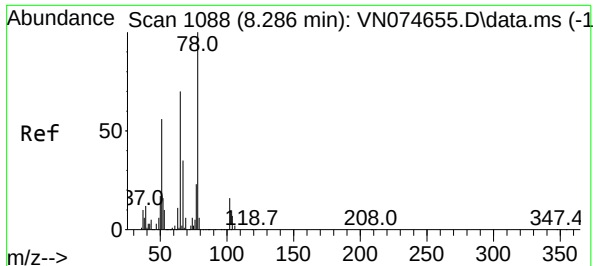
Tgt Ion:168 Resp: 582412
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#25
2-Butanone
Concen: 1.155 ug/l
RT: 7.186 min Scan# 901
Delta R.T. 0.023 min
Lab File: VN074670.D
Acq: 30 Sep 2022 16:29

Tgt Ion: 43 Resp: 15519
Ion Ratio Lower Upper
43 100
72 12.9 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 48.931 ug/l

RT: 8.286 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074670.D

Acq: 30 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

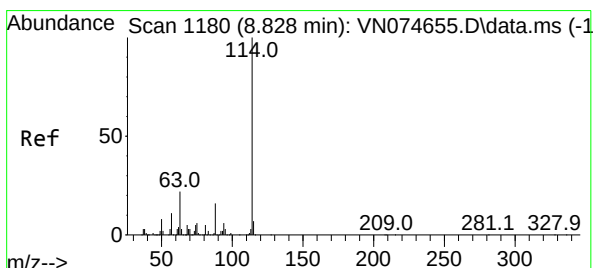
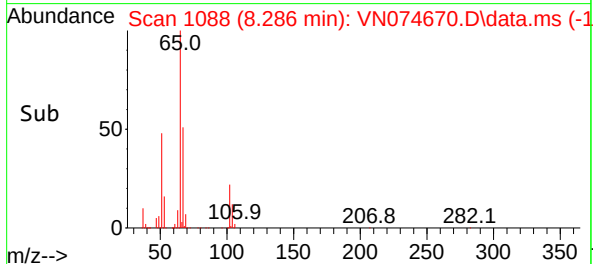
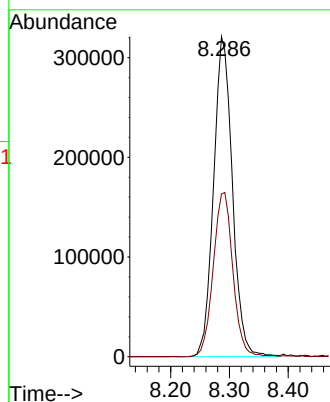
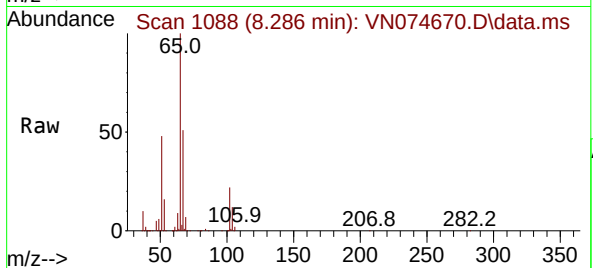
GWOW-BR-02-160-180-092922

Tgt Ion: 65 Resp: 714222

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074670.D

Acq: 30 Sep 2022 16:29

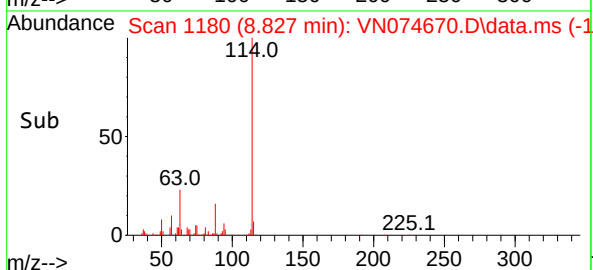
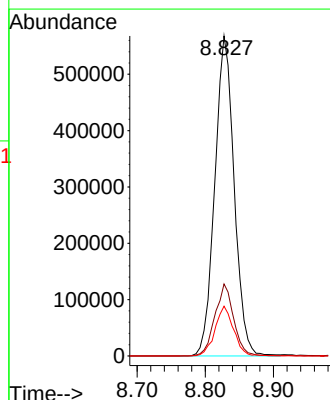
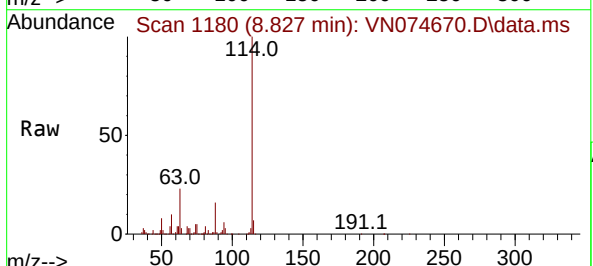
Tgt Ion: 114 Resp: 1125113

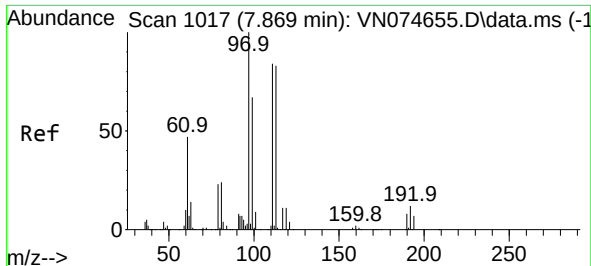
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.182 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074670.D

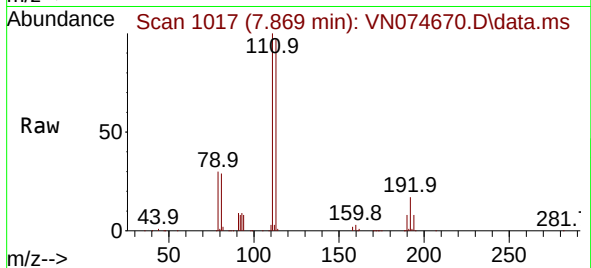
Acq: 30 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-02-160-180-092922



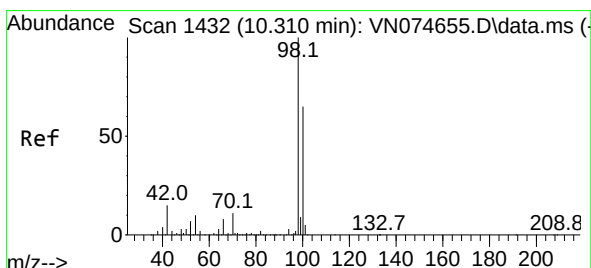
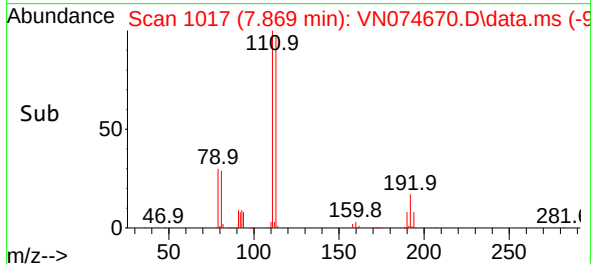
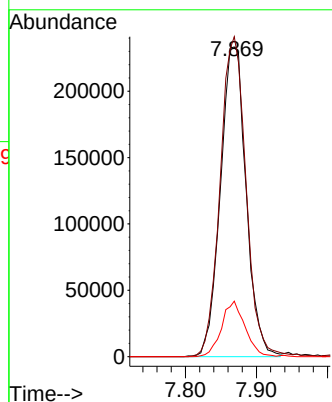
Tgt Ion:113 Resp: 585696

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 16.4 17.0 25.6#



#50

Toluene-d8

Concen: 45.486 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074670.D

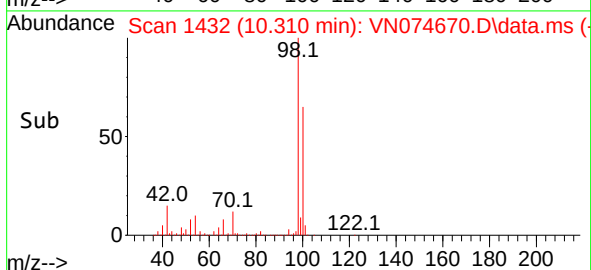
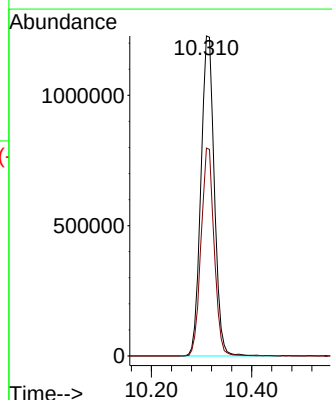
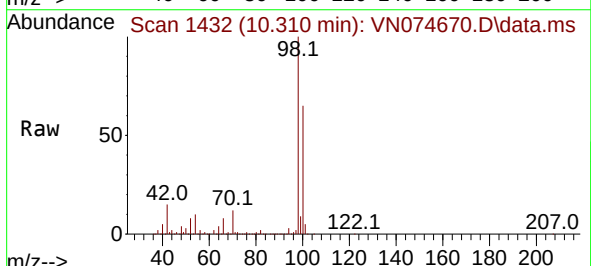
Acq: 30 Sep 2022 16:29

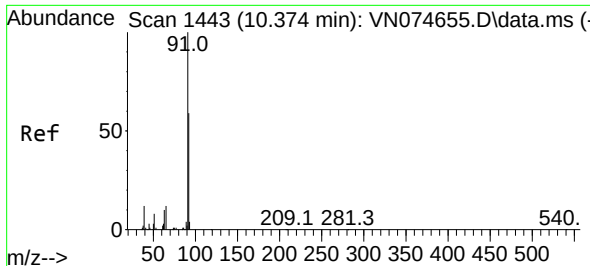
Tgt Ion: 98 Resp: 2278495

Ion Ratio Lower Upper

98 100

100 63.5 52.6 78.8

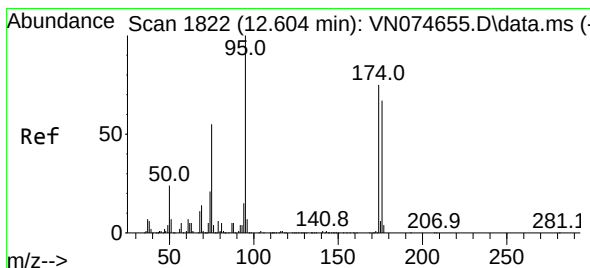
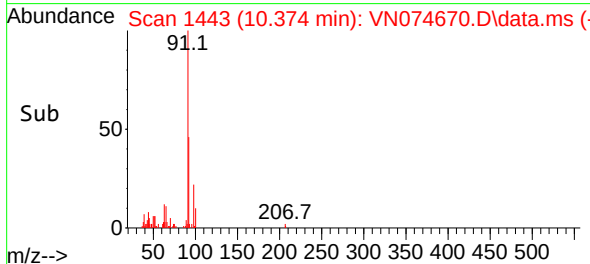
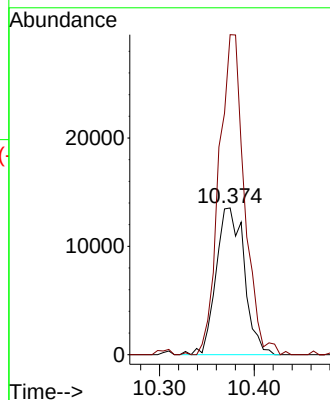
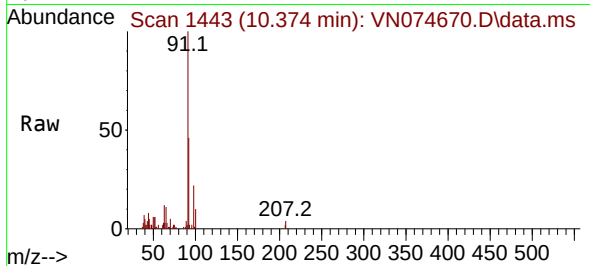




#52
Toluene
Concen: 0.789 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074670.D
Acq: 30 Sep 2022 16:29

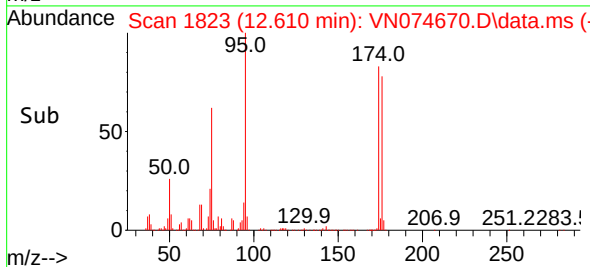
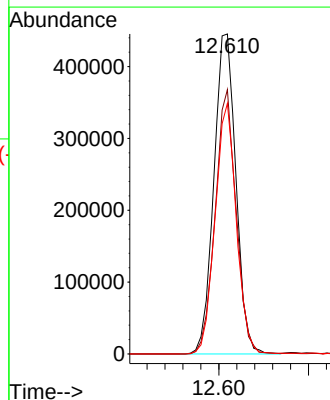
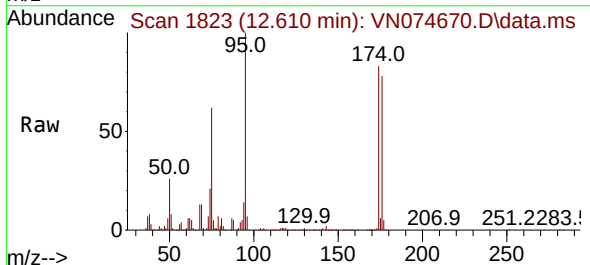
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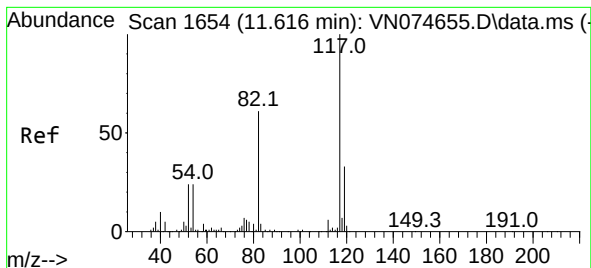
Tgt Ion: 92 Resp: 28016
Ion Ratio Lower Upper
92 100
91 197.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074670.D
Acq: 30 Sep 2022 16:29

Tgt Ion: 95 Resp: 759194
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 75.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.621 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN074670.D

Acq: 30 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-02-160-180-092922

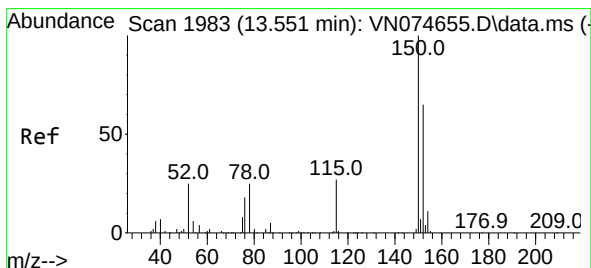
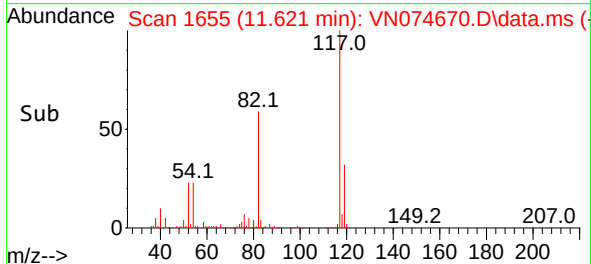
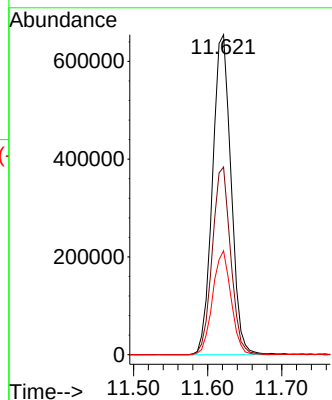
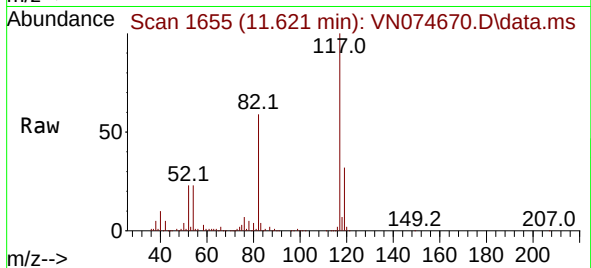
Tgt Ion:117 Resp: 1139147

Ion Ratio Lower Upper

117 100

82 58.7 44.2 66.2

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074670.D

Acq: 30 Sep 2022 16:29

Tgt Ion:152 Resp: 523031

Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.7

150 158.6 0.0 356.2

