

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074669.D
 Acq On : 30 Sep 2022 16:04
 Operator : JC\MD
 Sample : N4913-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-02-140-160-092822

Quant Time: Oct 03 02:06:23 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)

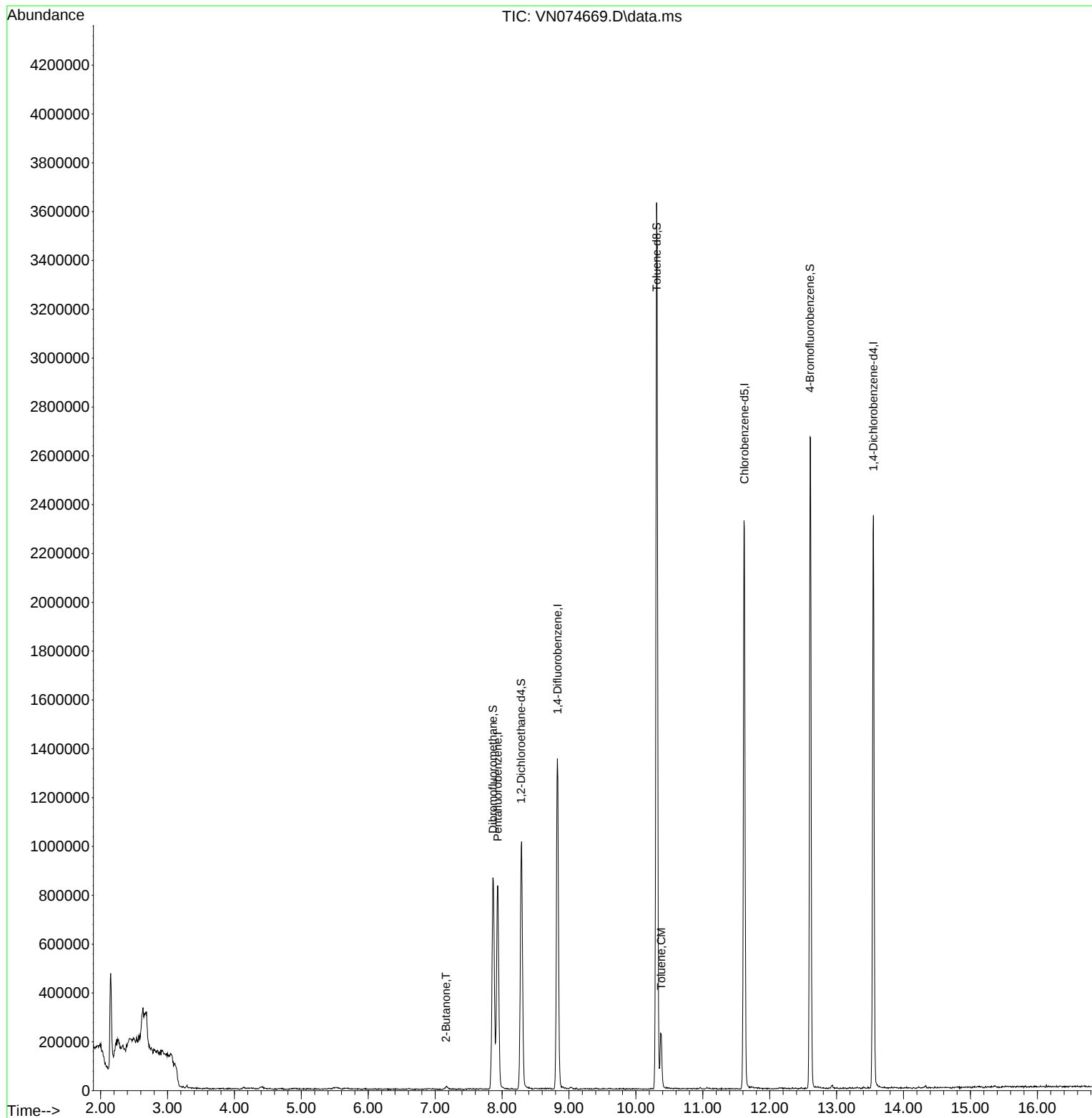
Internal Standards						
1) Pentafluorobenzene	7.933	168	604871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	1174444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	1230984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	562171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	755549	49.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	7.863	113	611431	49.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.310	98	2388339	45.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.604	95	806802	48.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.163	43	18072	1.295	ug/l #	88
52) Toluene	10.380	92	93793	2.532	ug/l	99

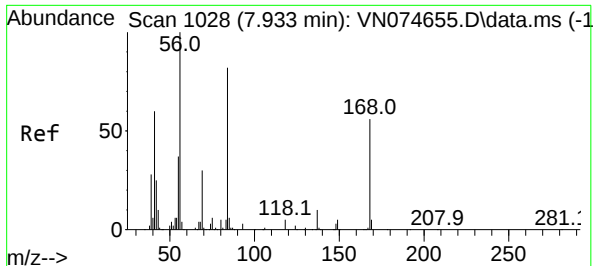
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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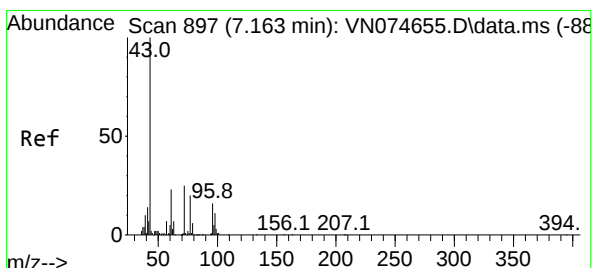
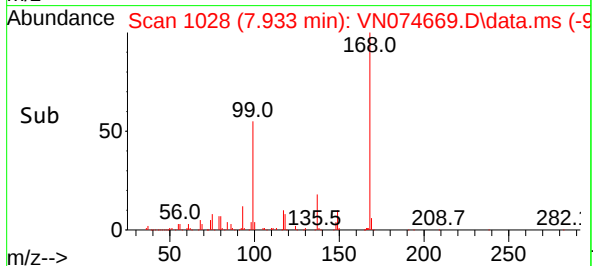
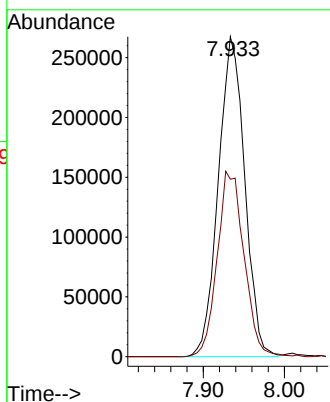
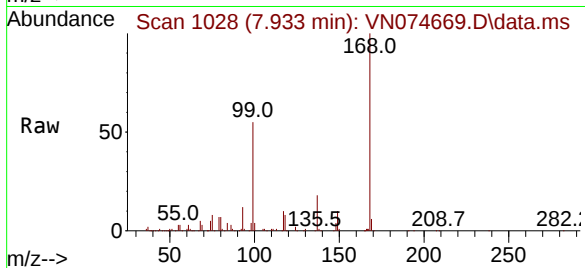




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074669.D
Acq: 30 Sep 2022 16:04

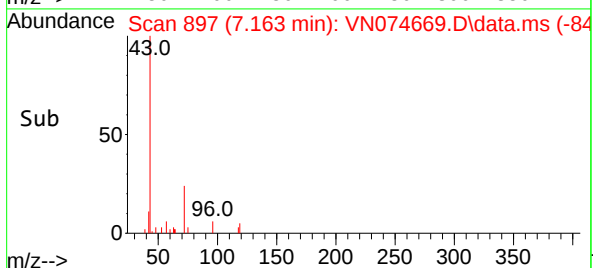
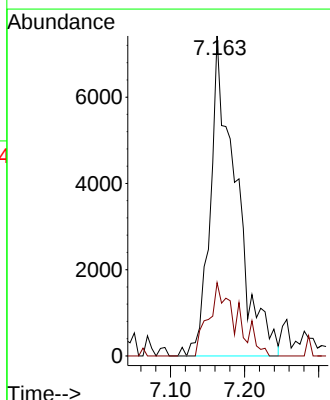
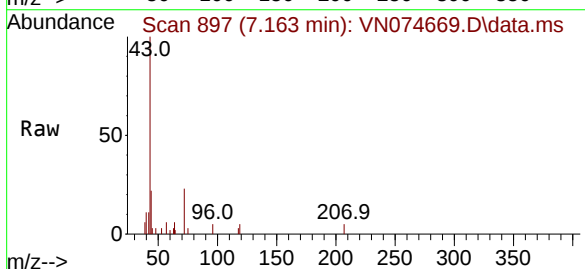
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

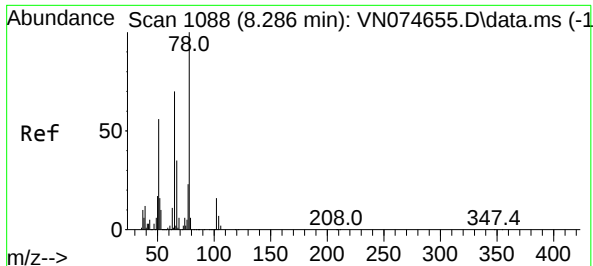
Tgt Ion:168 Resp: 604871
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#25
2-Butanone
Concen: 1.295 ug/l
RT: 7.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: VN074669.D
Acq: 30 Sep 2022 16:04

Tgt Ion: 43 Resp: 18072
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 49.840 ug/l

RT: 8.286 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074669.D

Acq: 30 Sep 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

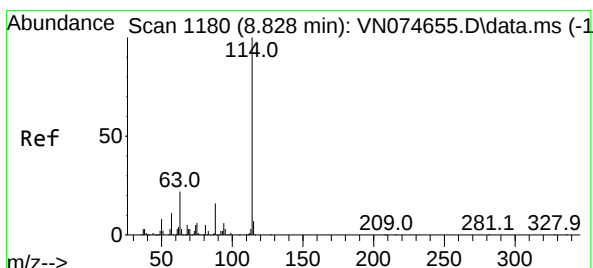
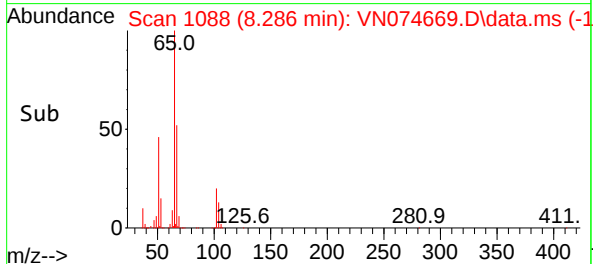
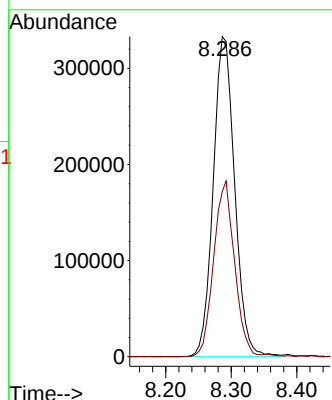
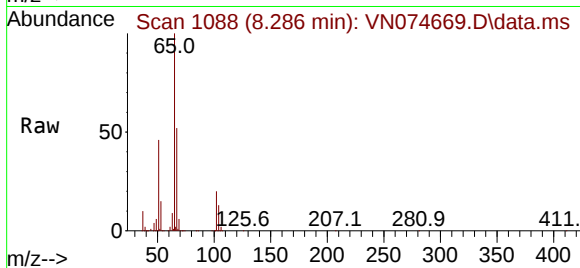
GWOW-BR-02-140-160-092822

Tgt Ion: 65 Resp: 755549

Ion Ratio Lower Upper

65 100

67 53.7 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: VN074669.D

Acq: 30 Sep 2022 16:04

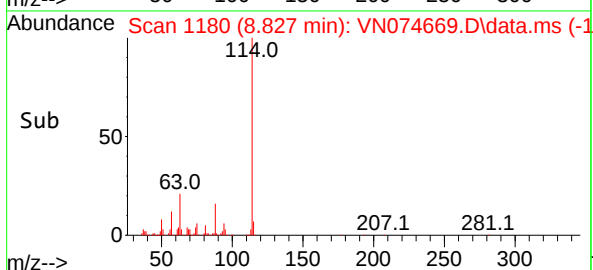
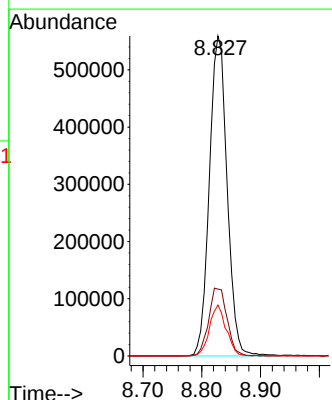
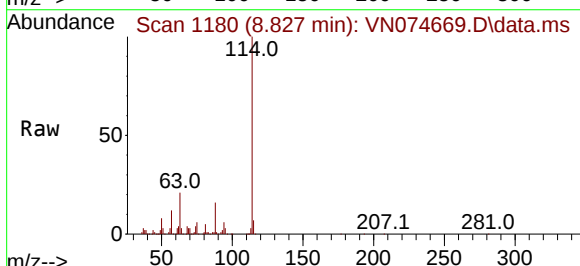
Tgt Ion: 114 Resp: 1174444

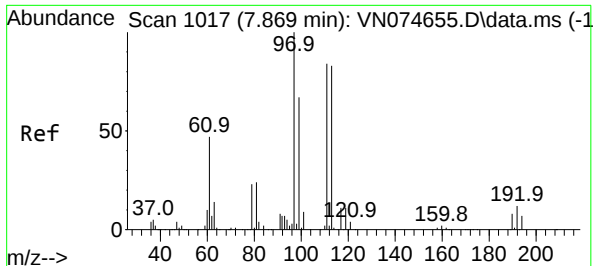
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.186 ug/l

RT: 7.863 min Scan# 113

Delta R.T. -0.006 min

Lab File: VN074669.D

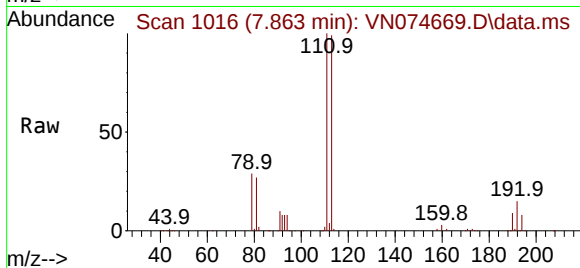
Acq: 30 Sep 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-02-140-160-092822



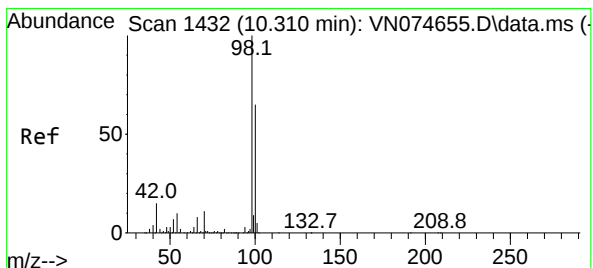
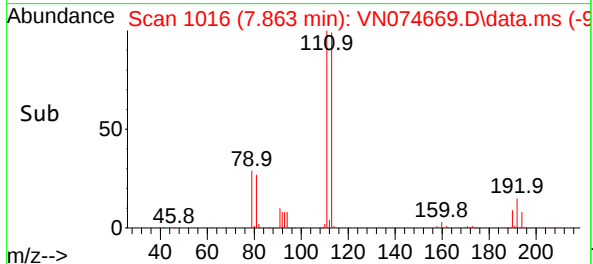
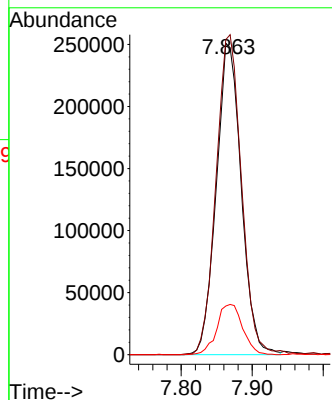
Tgt Ion:113 Resp: 611431

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 16.7 17.0 25.6#



#50

Toluene-d8

Concen: 45.676 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074669.D

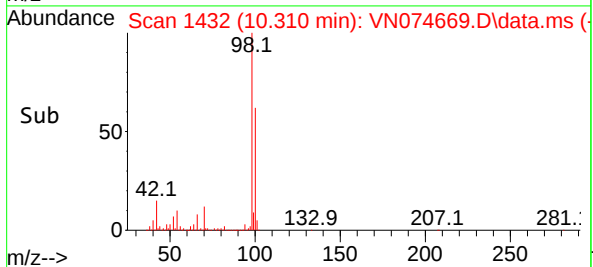
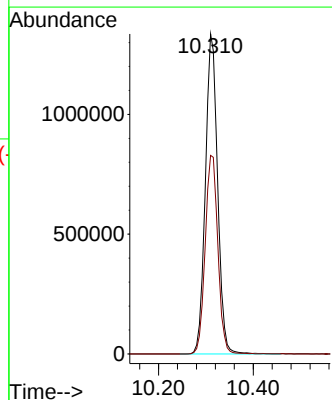
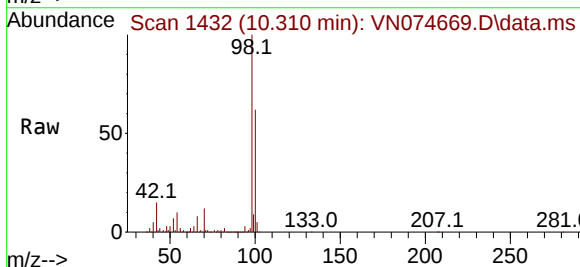
Acq: 30 Sep 2022 16:04

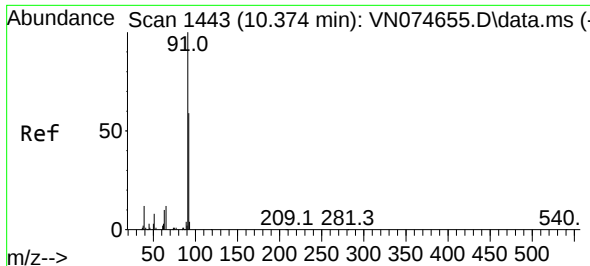
Tgt Ion: 98 Resp: 2388339

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

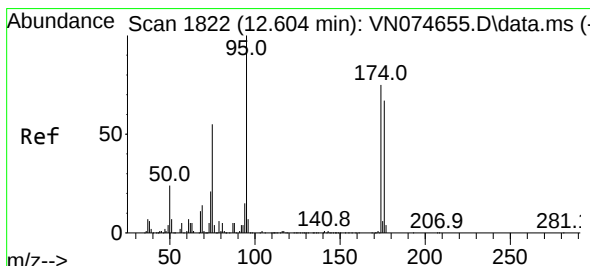
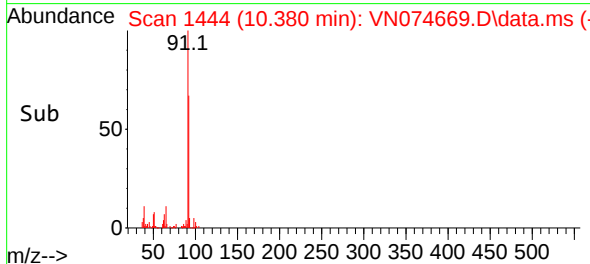
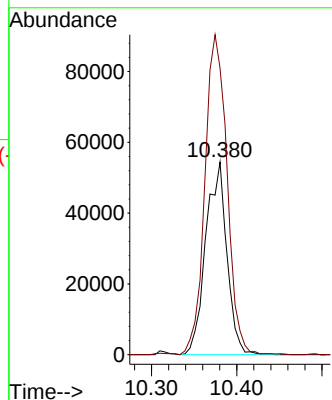
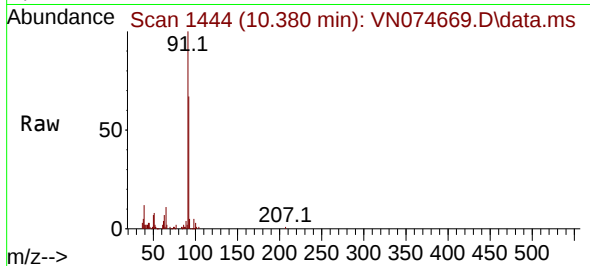




#52
Toluene
Concen: 2.532 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN074669.D
Acq: 30 Sep 2022 16:04

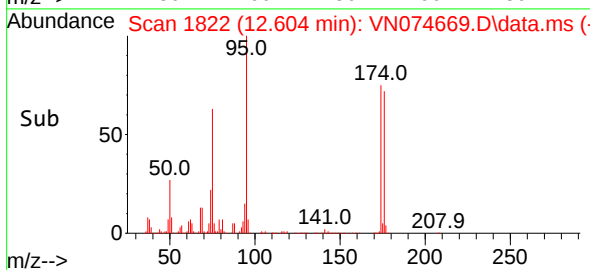
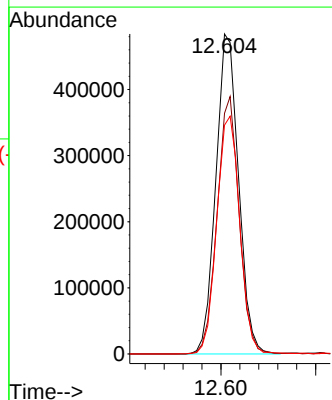
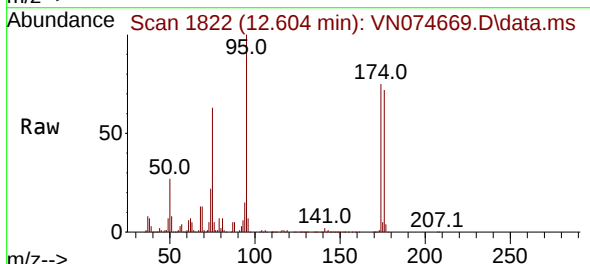
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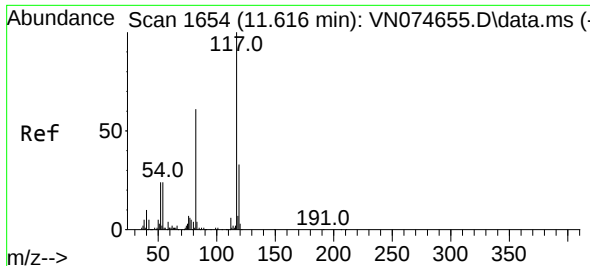
Tgt Ion: 92 Resp: 93793
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.661 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074669.D
Acq: 30 Sep 2022 16:04

Tgt Ion: 95 Resp: 806802
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 75.3 0.0 163.4

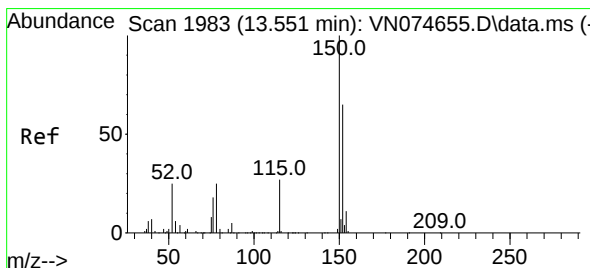
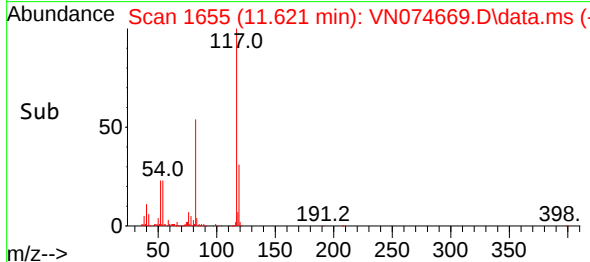
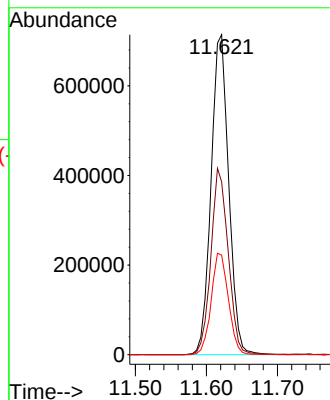
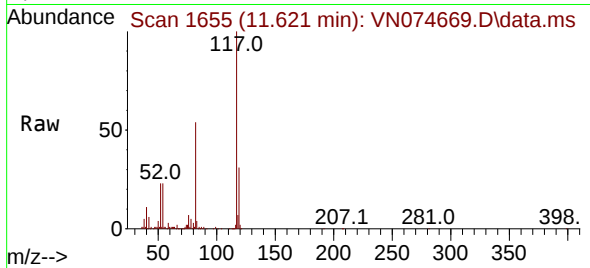




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074669.D
Acq: 30 Sep 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

Tgt Ion:117 Resp: 1230984
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.1 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: VN074669.D
Acq: 30 Sep 2022 16:04

Tgt Ion:152 Resp: 562171
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 158.4 0.0 356.2

