

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074304.D
 Acq On : 02 Sep 2022 23:01
 Operator : JC\MD
 Sample : N4376-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18R

Quant Time: Sep 03 04:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

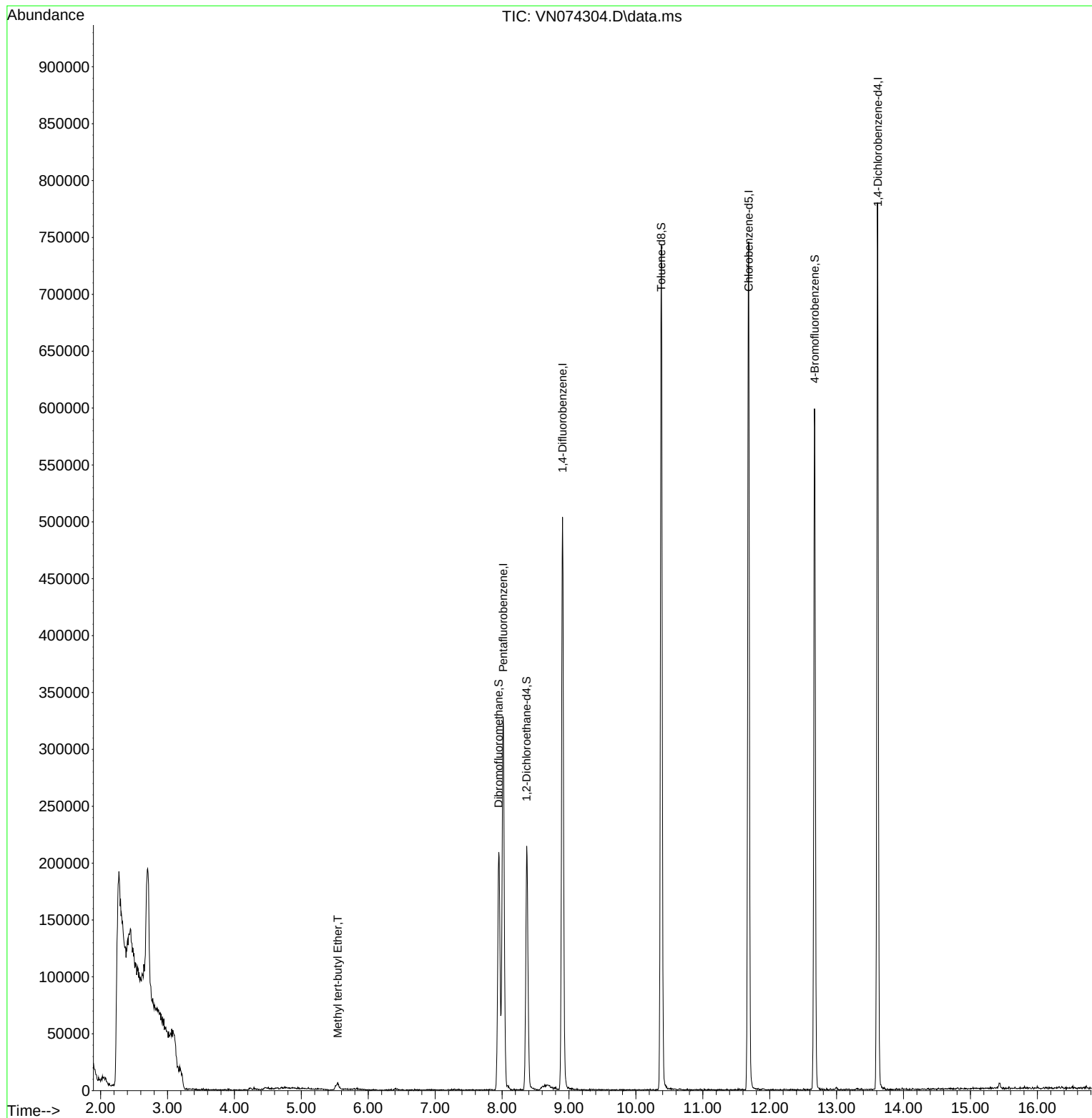
Internal Standards						
1) Pentafluorobenzene	8.016	168	243889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	419788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	189291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167122	43.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.920%
35) Dibromofluoromethane	7.951	113	143433	50.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.380	98	503154	44.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.674	95	180087	44.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.060%
Target Compounds						
19) Methyl tert-butyl Ether	5.545	73	8848	0.930	ug/l	Qvalue # 77

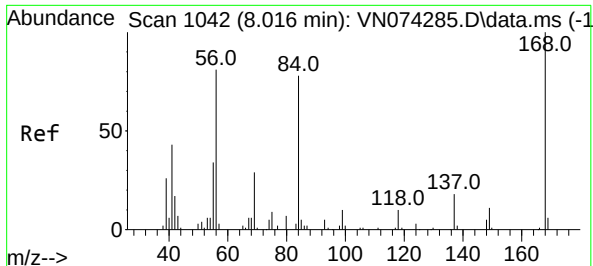
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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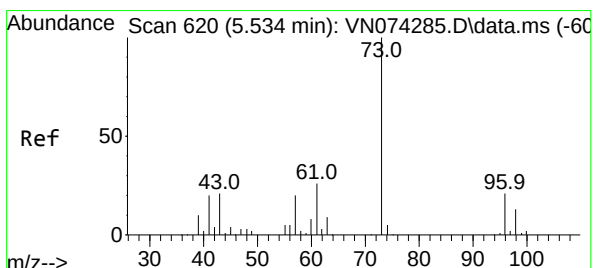
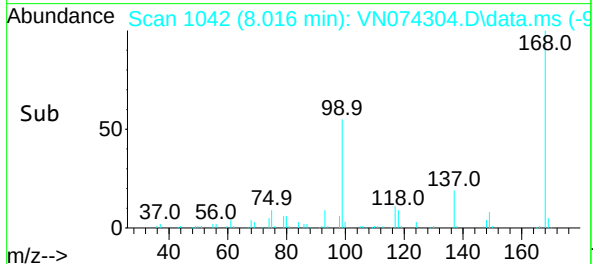
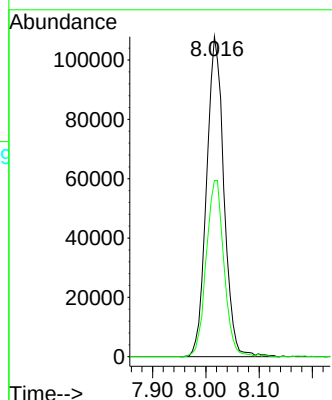
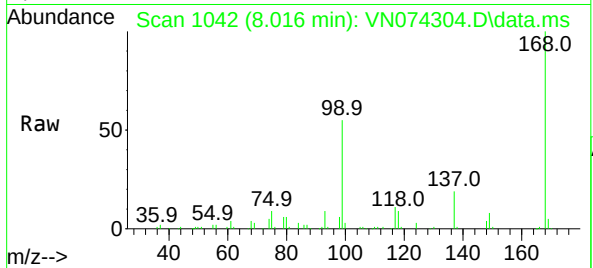




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

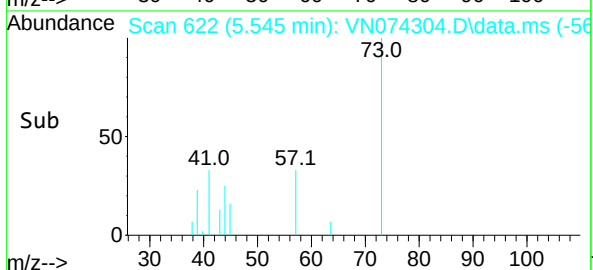
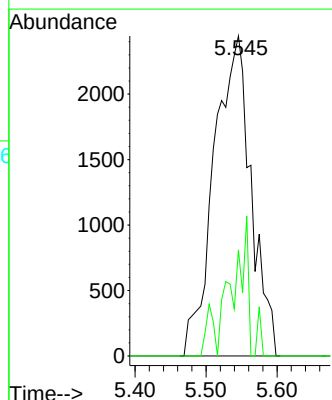
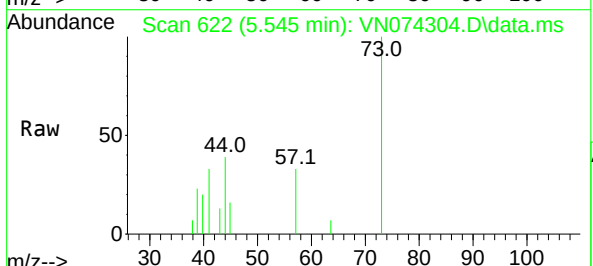
Instrument :
MSVOA_N
ClientSampleId :
MW-18R

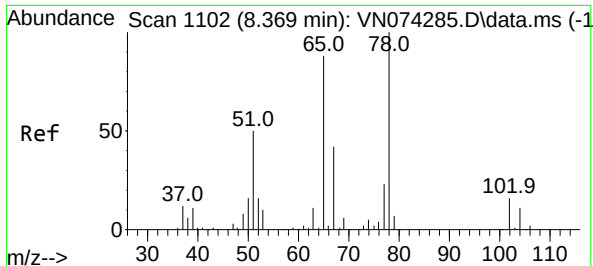
Tgt Ion:168 Resp: 243889
Ion Ratio Lower Upper
168 100
99 55.1 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.930 ug/l
RT: 5.545 min Scan# 622
Delta R.T. 0.011 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 73 Resp: 8848
Ion Ratio Lower Upper
73 100
57 33.1 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 43.959 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

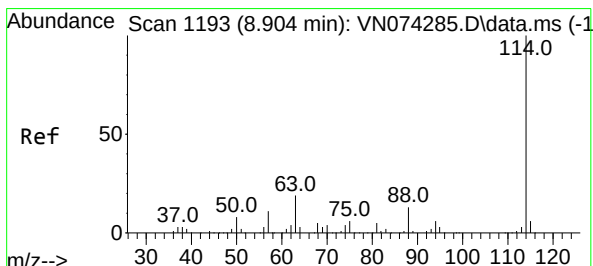
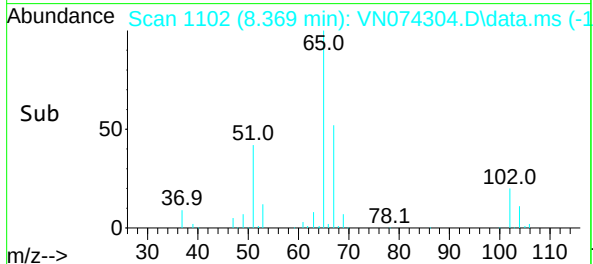
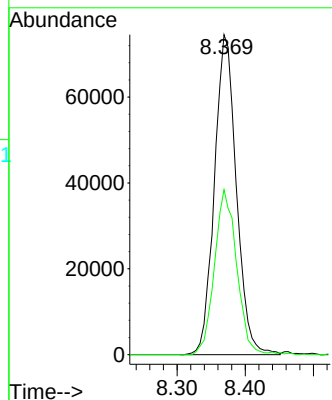
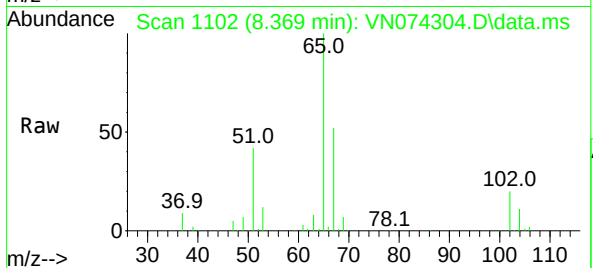
MW-18R

Tgt Ion: 65 Resp: 167122

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

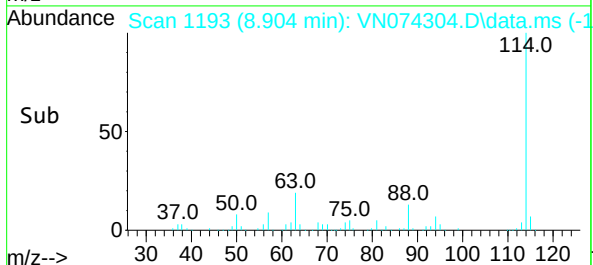
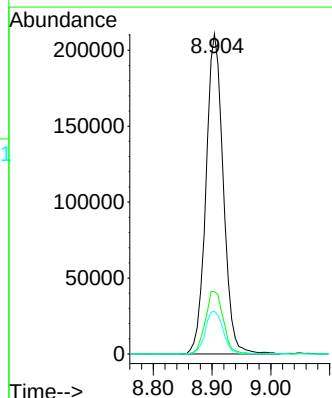
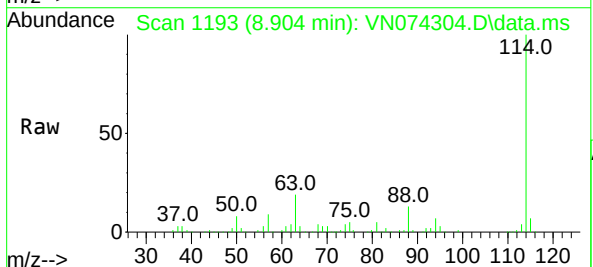
Tgt Ion: 114 Resp: 431326

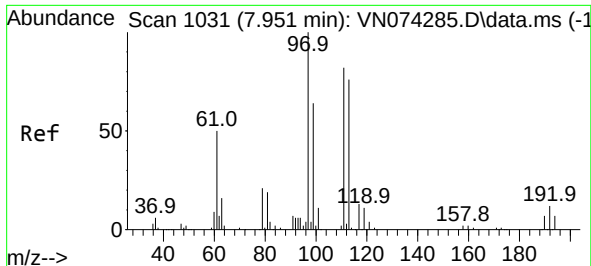
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 13.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

MW-18R

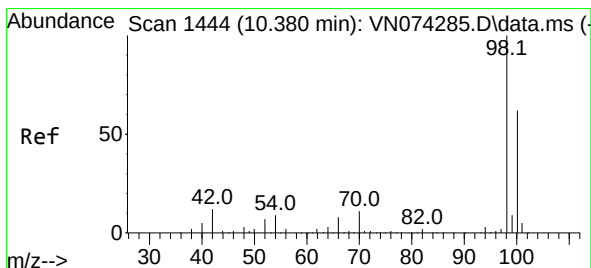
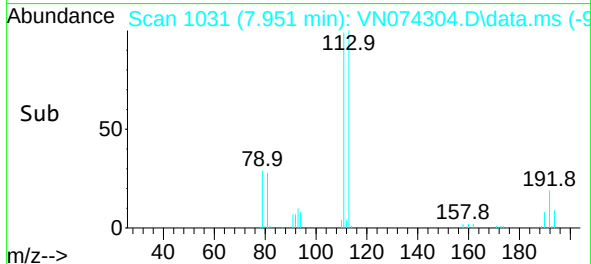
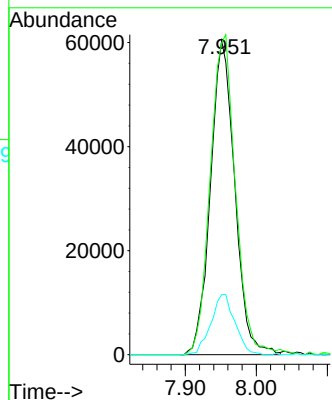
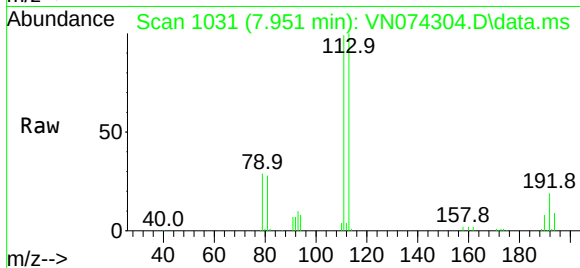
Tgt Ion:113 Resp: 143433

Ion Ratio Lower Upper

113 100

111 106.2 81.4 122.0

192 18.9 17.0 25.6



#50

Toluene-d8

Concen: 44.644 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074304.D

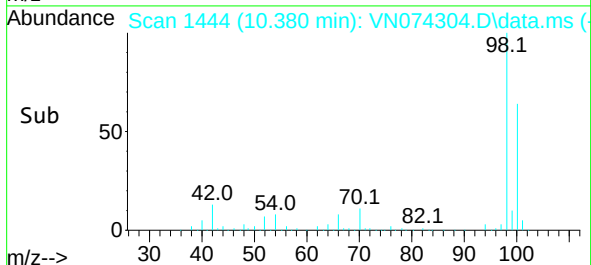
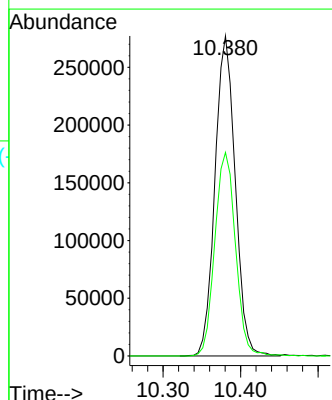
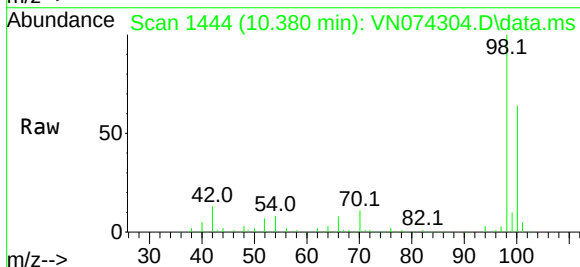
Acq: 02 Sep 2022 23:01

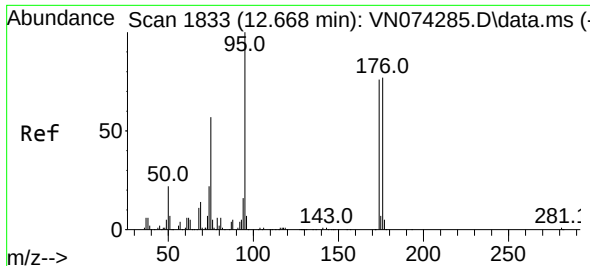
Tgt Ion: 98 Resp: 503154

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

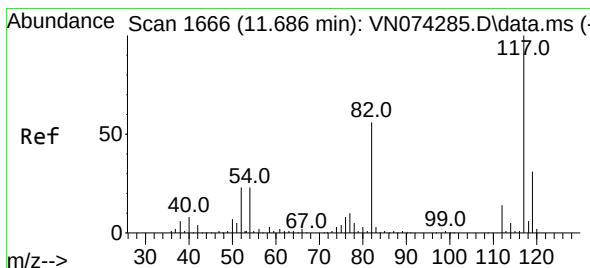
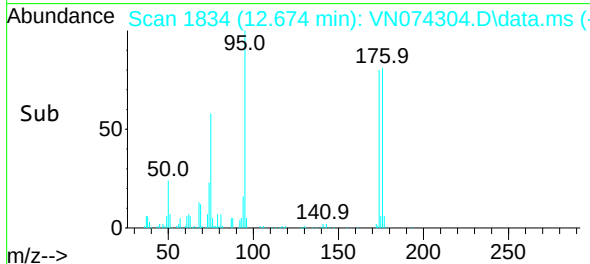
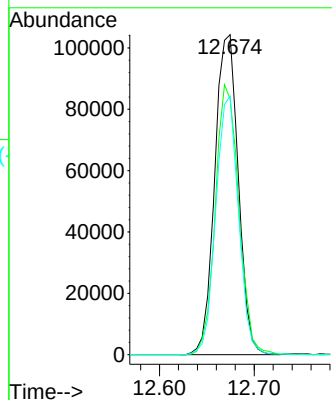
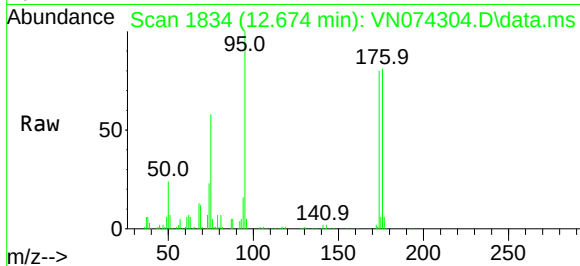




#62
4-Bromofluorobenzene
Concen: 44.028 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

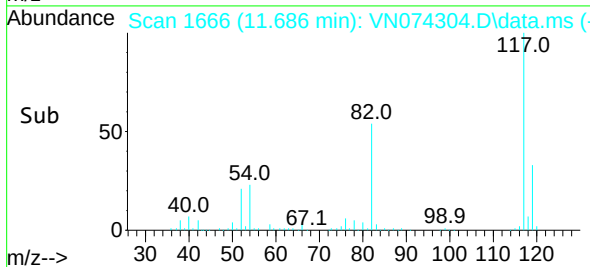
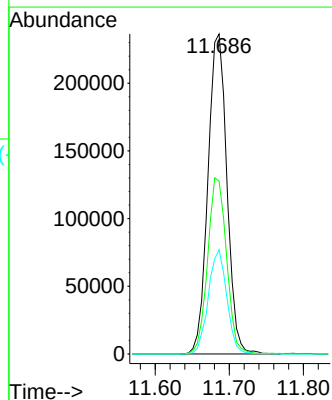
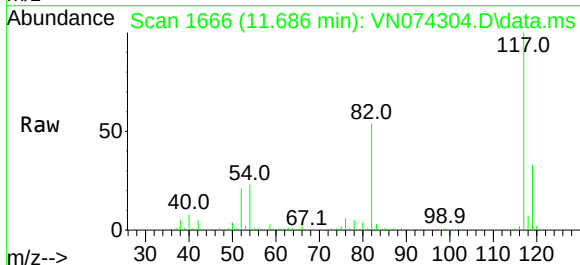
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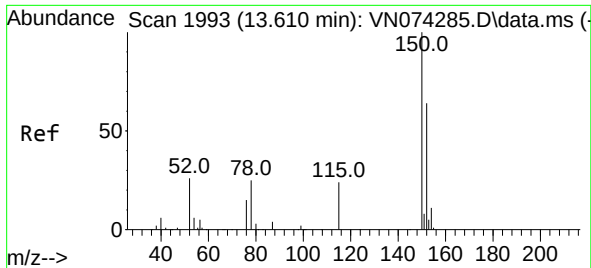
Tgt Ion: 95 Resp: 180087
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 78.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 117 Resp: 419788
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN074304.D

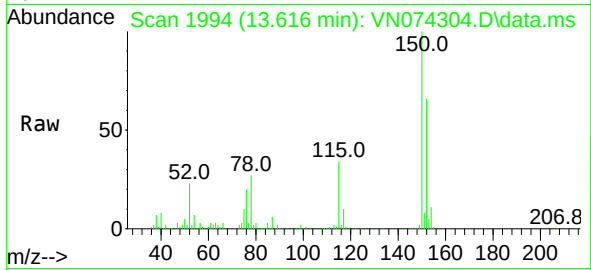
Acq: 02 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

MW-18R



Tgt Ion:152 Resp: 189291

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 159.3 0.0 356.2

