

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074698.D
 Acq On : 01 Oct 2022 08:27
 Operator : JC\MD
 Sample : N4882-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-119

Quant Time: Oct 03 02:13:11 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)

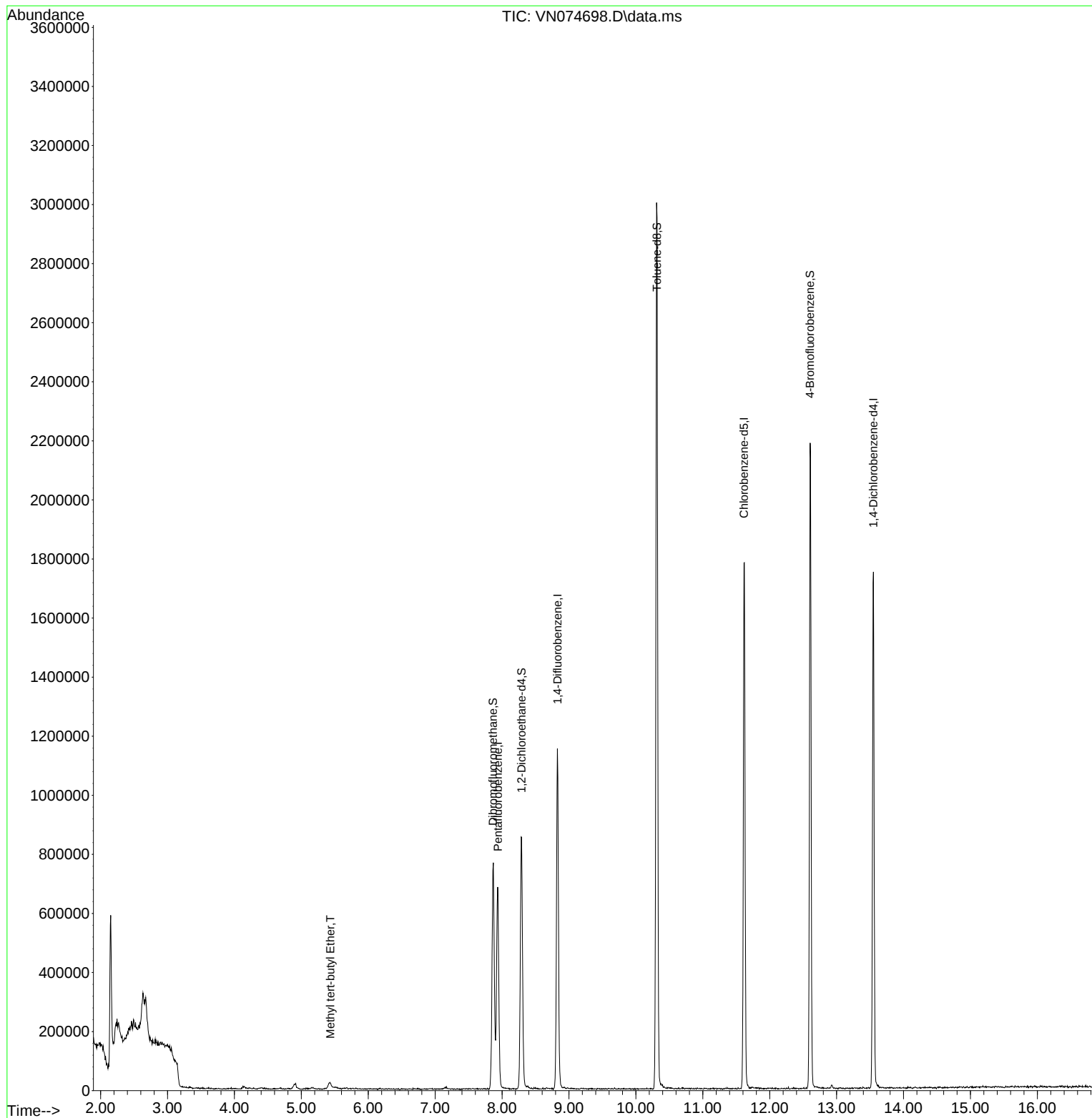
Internal Standards						
1) Pentafluorobenzene	7.939	168	503992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	948083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	936868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	423150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	640484	50.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.420%
35) Dibromofluoromethane	7.863	113	522480	52.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.140%
50) Toluene-d8	10.316	98	1981013	46.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.604	95	642976	48.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.434	73	29377	0.818	ug/l	96

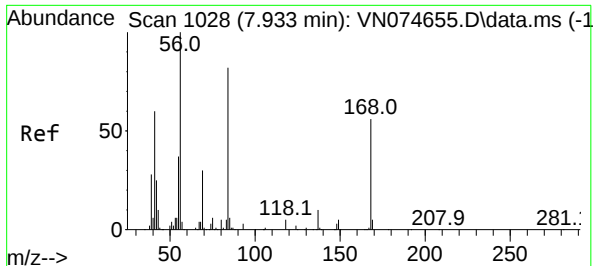
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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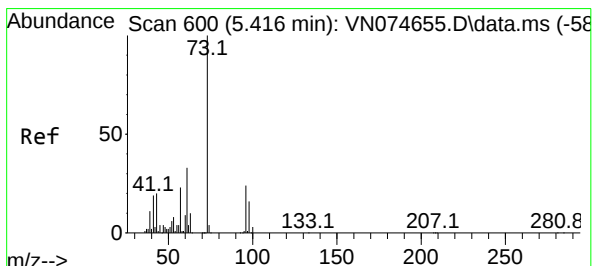
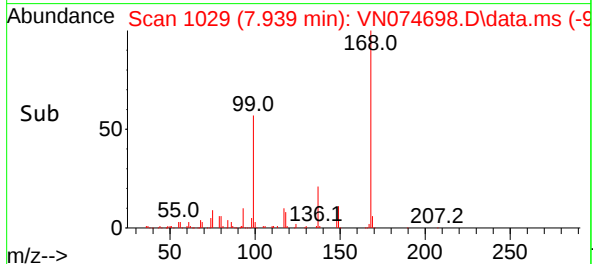
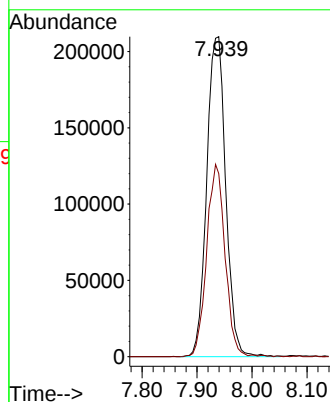
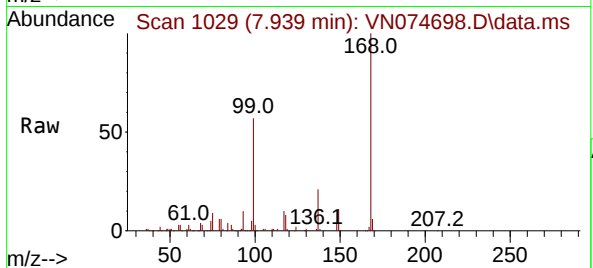




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.939 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VN074698.D
Acq: 01 Oct 2022 08:27

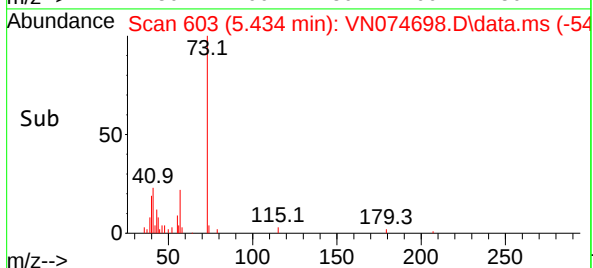
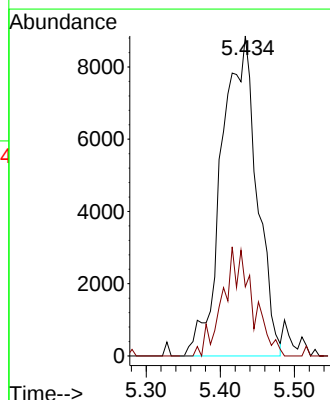
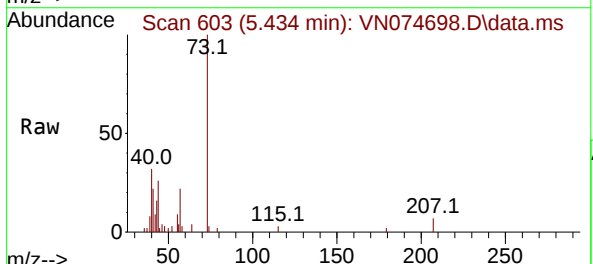
Instrument :
MSVOA_N
ClientSampleId :
MW-119

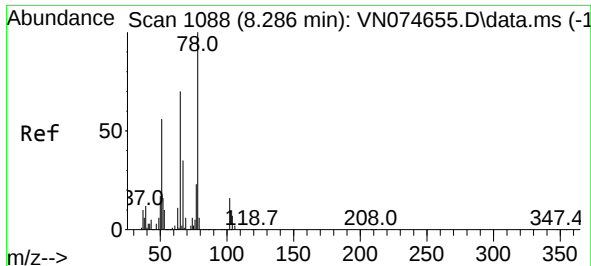
Tgt Ion:168 Resp: 503992
Ion Ratio Lower Upper
168 100
99 57.2 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.818 ug/l
RT: 5.434 min Scan# 603
Delta R.T. 0.018 min
Lab File: VN074698.D
Acq: 01 Oct 2022 08:27

Tgt Ion: 73 Resp: 29377
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 50.707 ug/l

RT: 8.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074698.D

Acq: 01 Oct 2022 08:27

Instrument :

MSVOA_N

ClientSampleId :

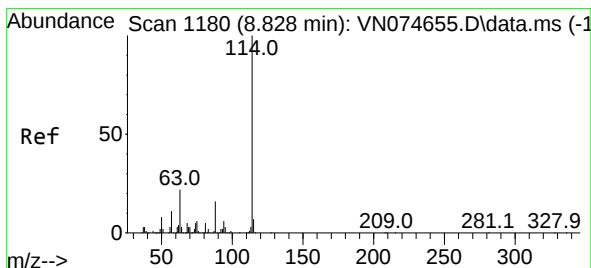
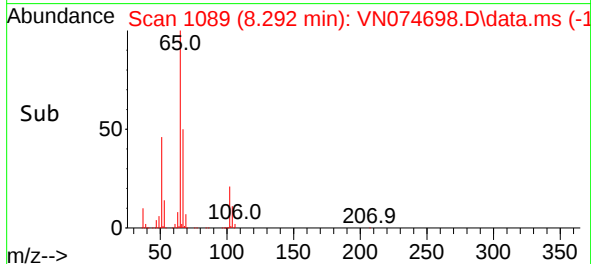
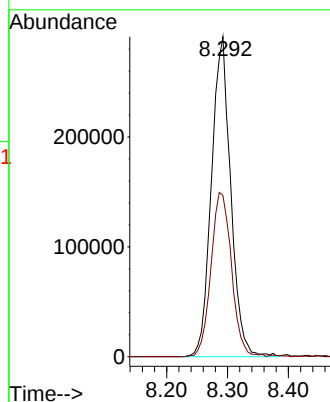
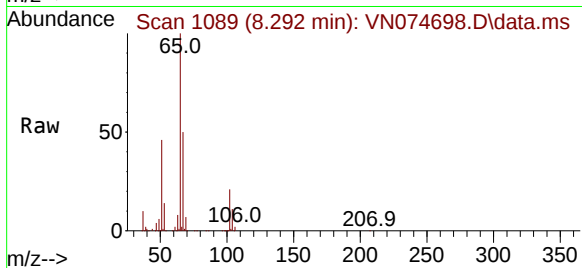
MW-119

Tgt Ion: 65 Resp: 640484

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074698.D

Acq: 01 Oct 2022 08:27

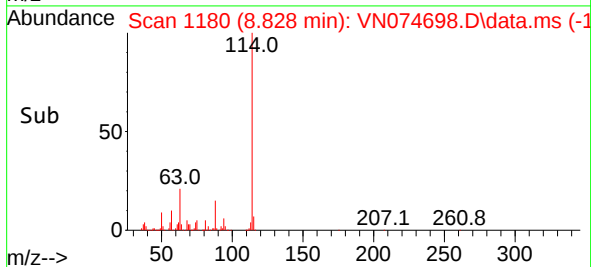
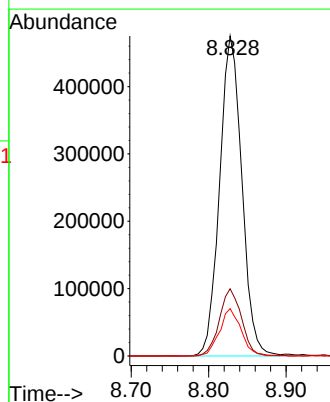
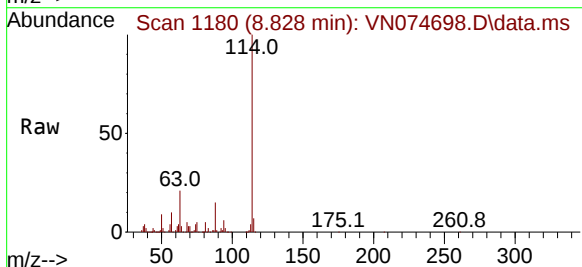
Tgt Ion: 114 Resp: 948083

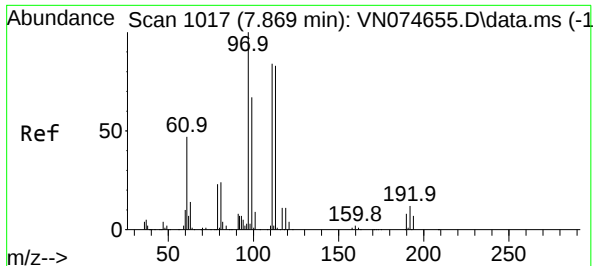
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.066 ug/l

RT: 7.863 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VN074698.D

Acq: 01 Oct 2022 08:27

Instrument :

MSVOA_N

ClientSampleId :

MW-119

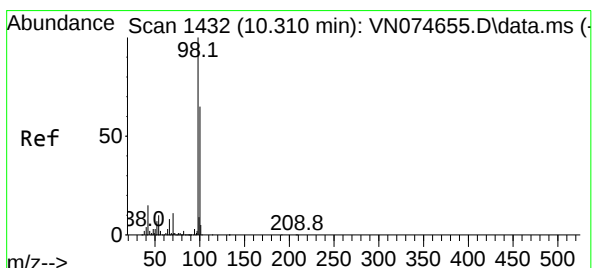
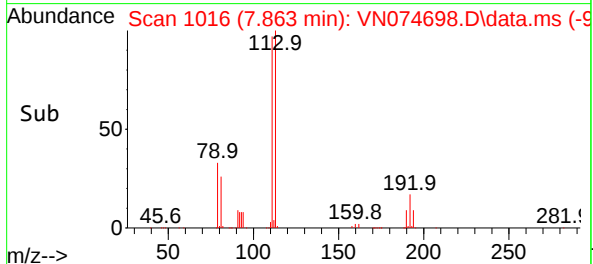
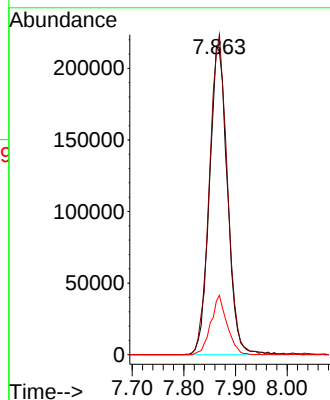
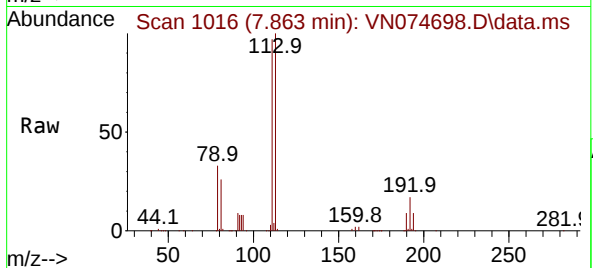
Tgt Ion:113 Resp: 522480

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 17.3 17.0 25.6



#50

Toluene-d8

Concen: 46.932 ug/l

RT: 10.316 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VN074698.D

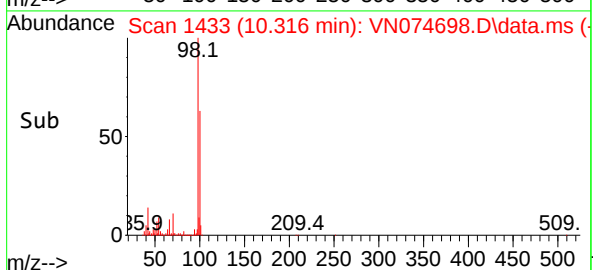
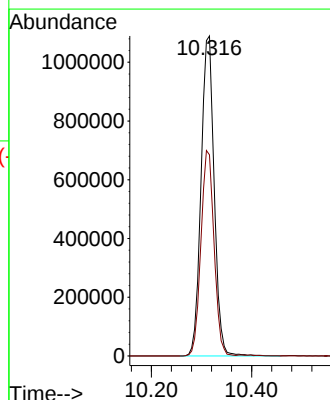
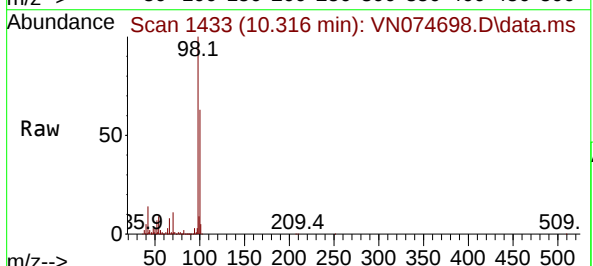
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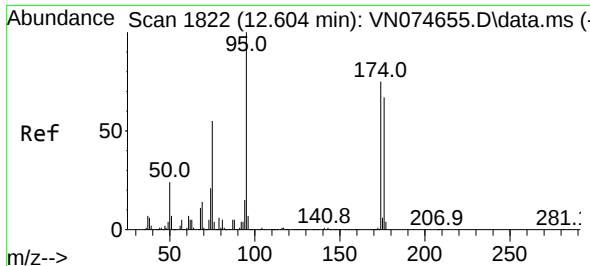
Tgt Ion: 98 Resp: 1981013

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

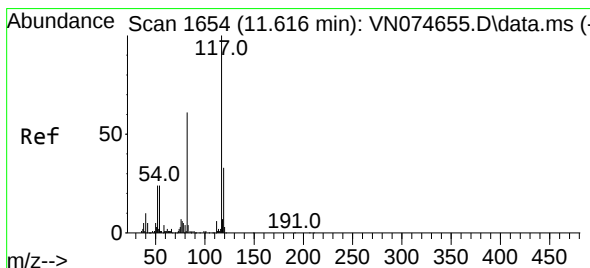
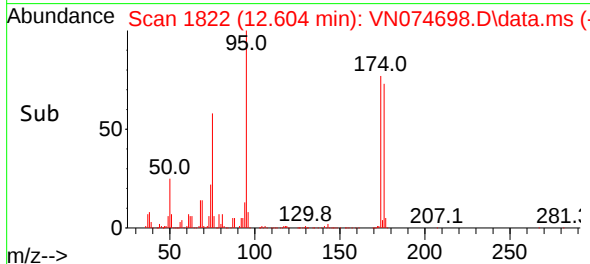
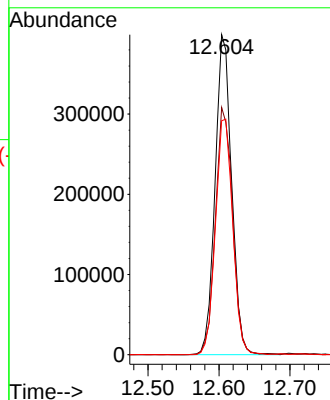
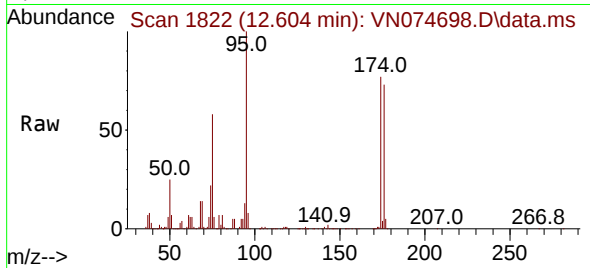




#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074698.D
Acq: 01 Oct 2022 08:27

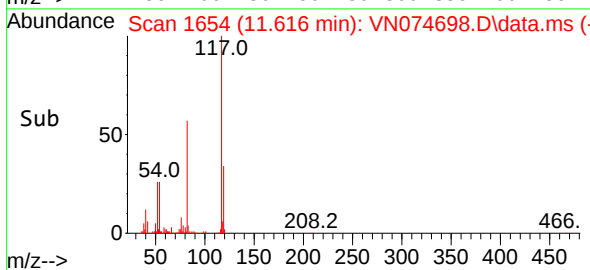
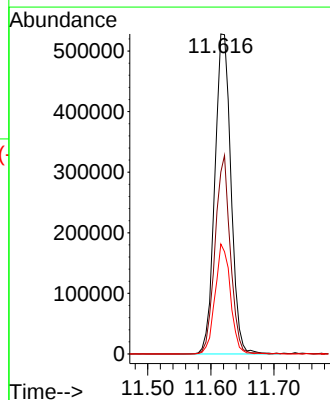
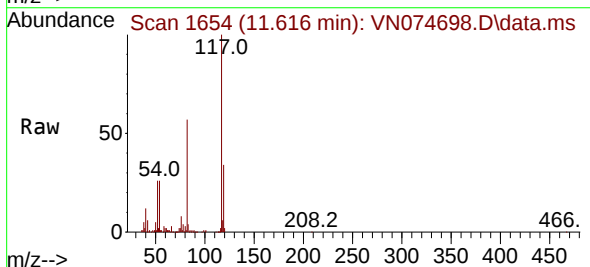
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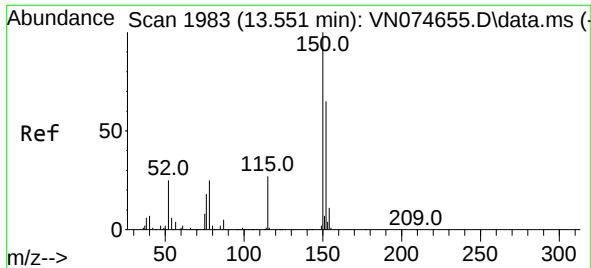
Tgt Ion: 95 Resp: 642976
Ion Ratio Lower Upper
95 100
174 80.6 0.0 167.6
176 77.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VN074698.D
Acq: 01 Oct 2022 08:27

Tgt Ion: 117 Resp: 936868
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 34.4 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: VN074698.D
 Acq: 01 Oct 2022 08:27

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-119

Tgt Ion:152 Resp: 423150
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.9 86.7
 150 162.3 0.0 356.2

