

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074694.D
 Acq On : 01 Oct 2022 06:50
 Operator : JC\MD
 Sample : N4882-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-107

Quant Time: Oct 03 02:12:30 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)

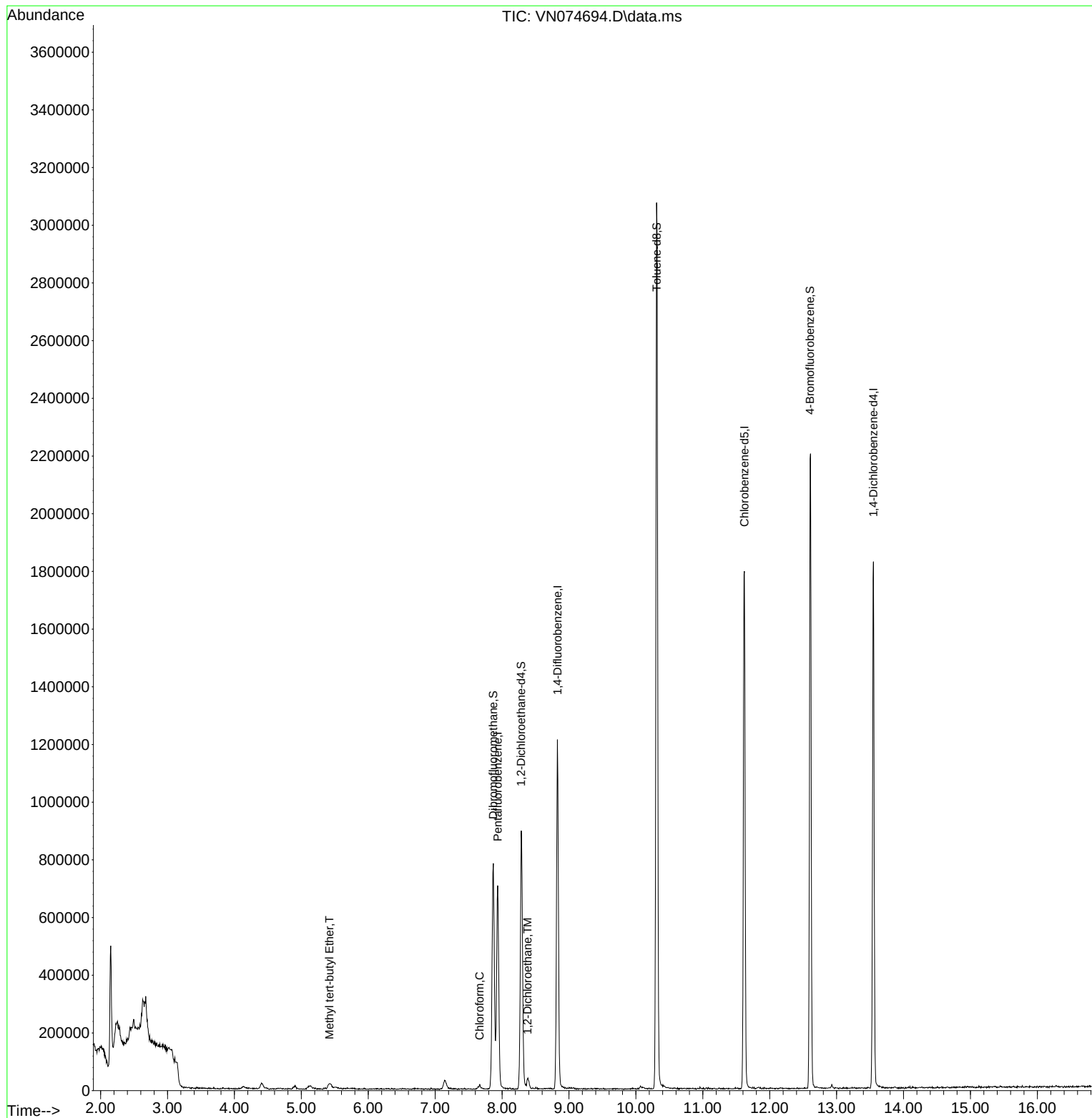
Internal Standards						
1) Pentafluorobenzene	7.934	168	505198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	967975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	963845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	449844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	655406	51.764	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.520%
35) Dibromofluoromethane	7.869	113	541121	52.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.640%
50) Toluene-d8	10.310	98	2050716	47.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.604	95	664434	48.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.240%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.422	73	31328	0.870	ug/l	99
30) Chloroform	7.663	83	9174	0.471	ug/l #	63
42) 1,2-Dichloroethane	8.381	62	18523	1.090	ug/l	95

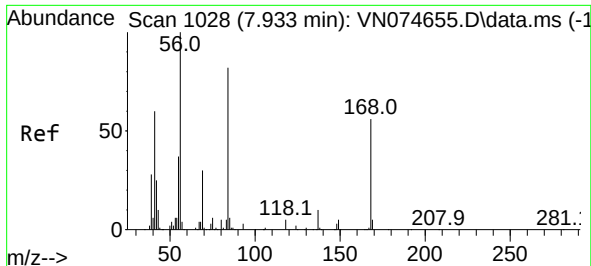
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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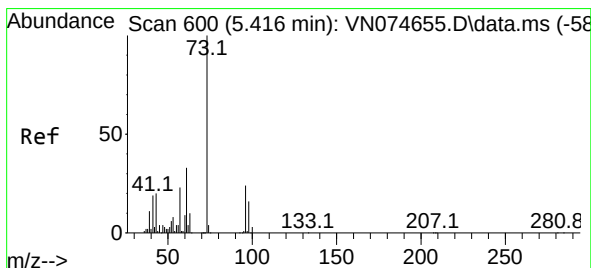
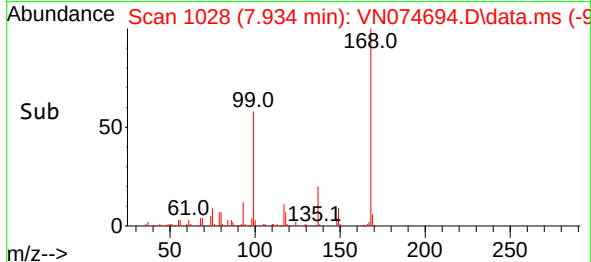
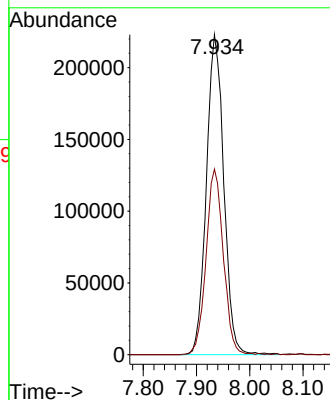
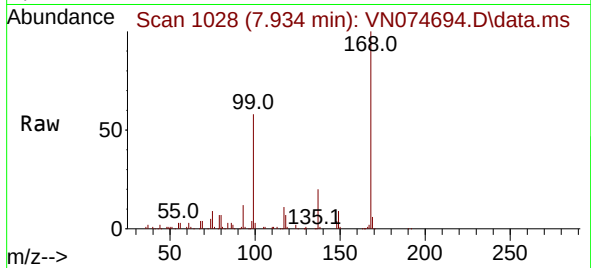




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

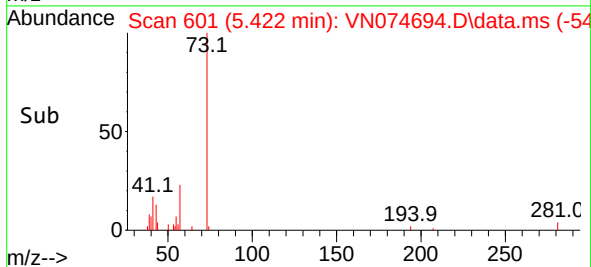
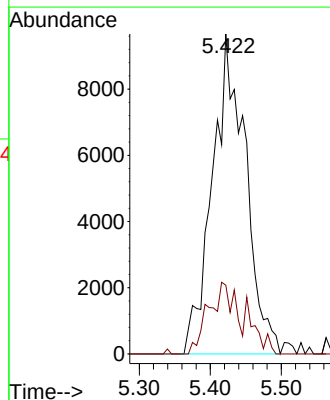
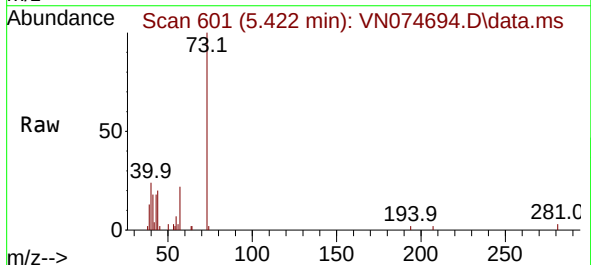
Instrument :
MSVOA_N
ClientSampleId :
MW-107

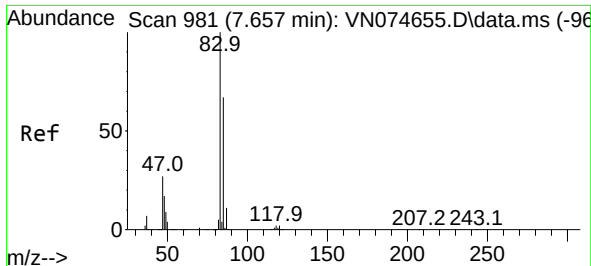
Tgt Ion:168 Resp: 505198
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.870 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.006 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

Tgt Ion: 73 Resp: 31328
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

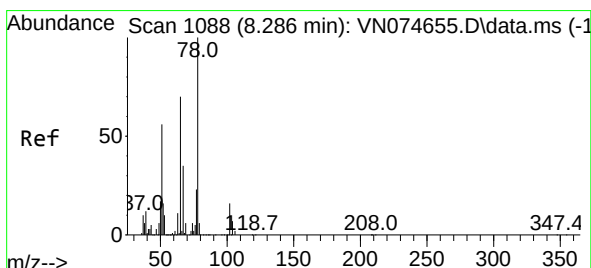
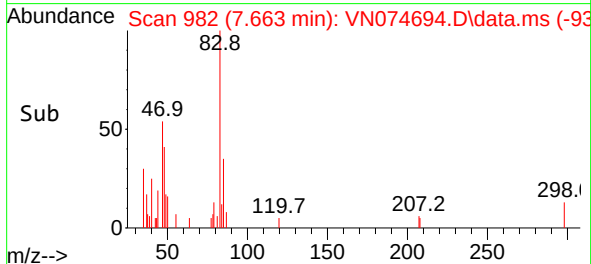
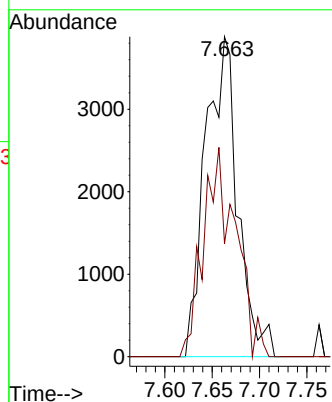
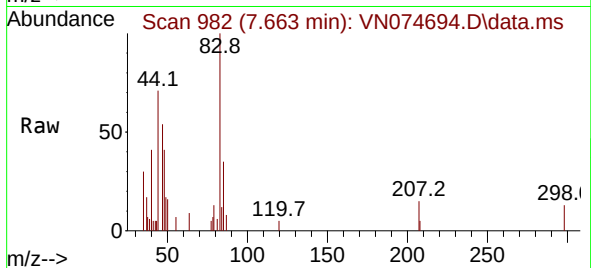




#30
Chloroform
Concen: 0.471 ug/l
RT: 7.663 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

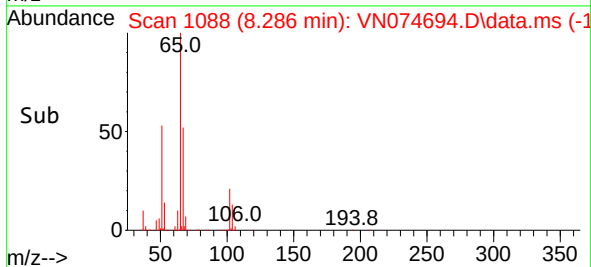
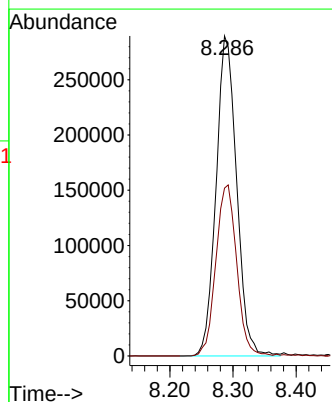
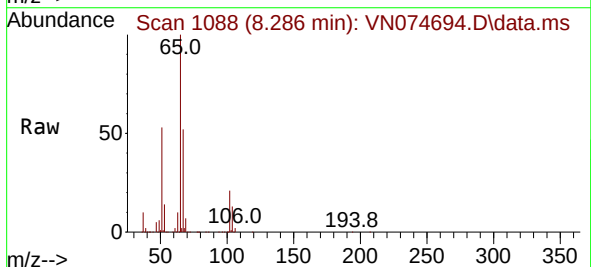
Instrument :
MSVOA_N
ClientSampleId :
MW-107

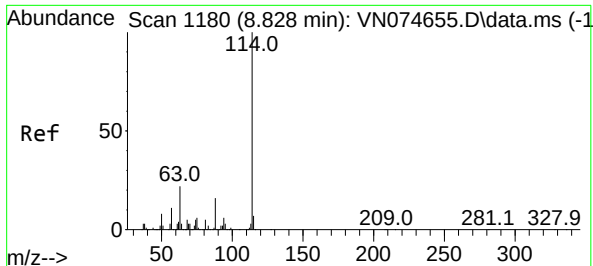
Tgt Ion: 83 Resp: 9174
Ion Ratio Lower Upper
83 100
85 35.3 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 51.764 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

Tgt Ion: 65 Resp: 655406
Ion Ratio Lower Upper
65 100
67 54.1 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: VN074694.D

Acq: 01 Oct 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

MW-107

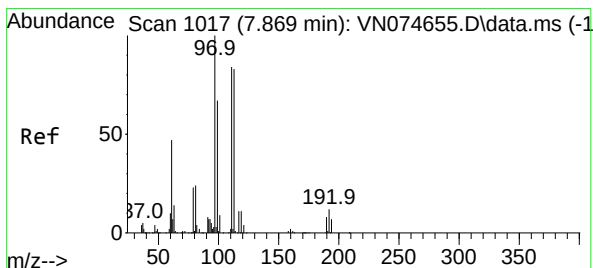
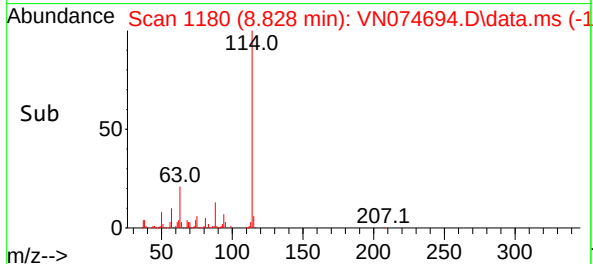
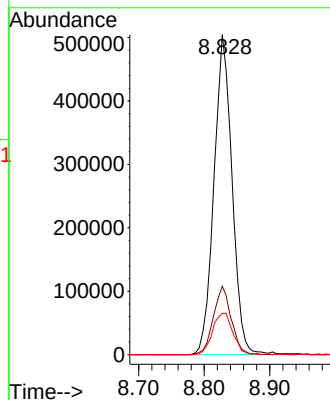
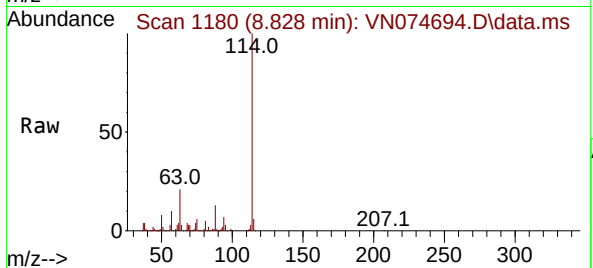
Tgt Ion:114 Resp: 967975

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 12.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.815 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074694.D

Acq: 01 Oct 2022 06:50

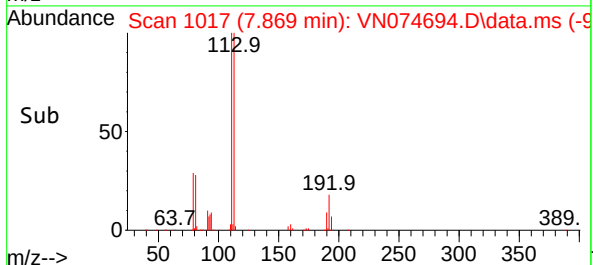
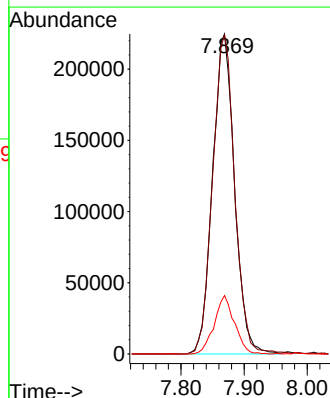
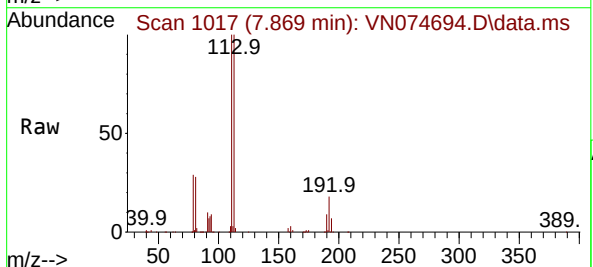
Tgt Ion:113 Resp: 541121

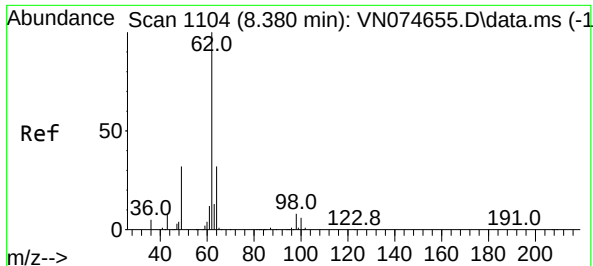
Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 16.8 17.0 25.6#





#42

1,2-Dichloroethane

Concen: 1.090 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. 0.001 min

Lab File: VN074694.D

Acq: 01 Oct 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

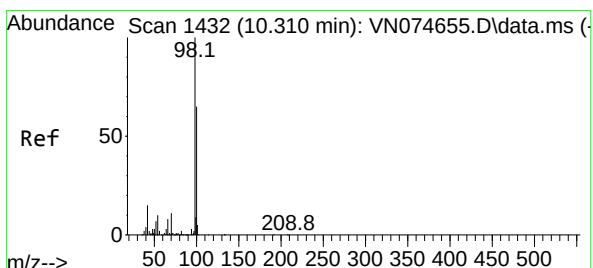
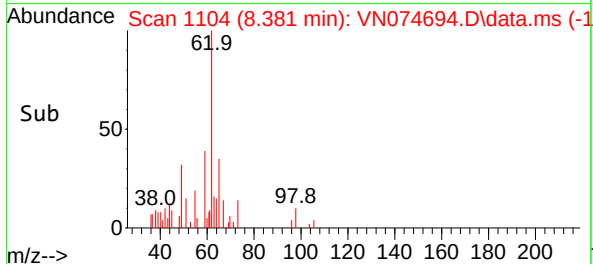
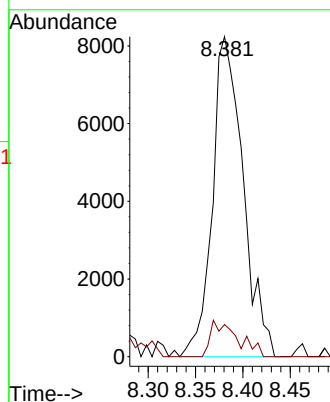
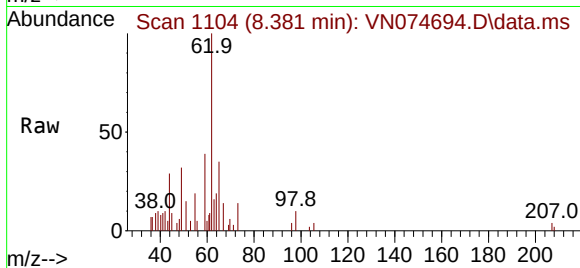
MW-107

Tgt Ion: 62 Resp: 18523

Ion Ratio Lower Upper

62 100

98 7.9 0.0 19.4



#50

Toluene-d8

Concen: 47.585 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074694.D

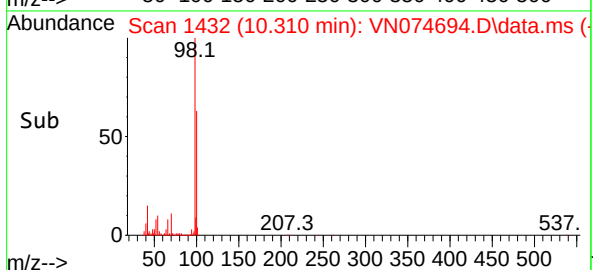
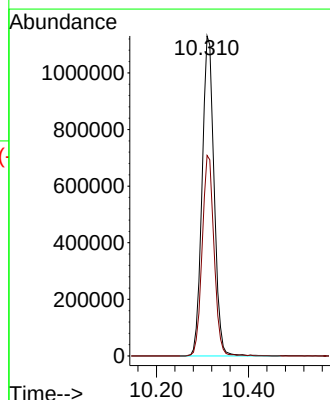
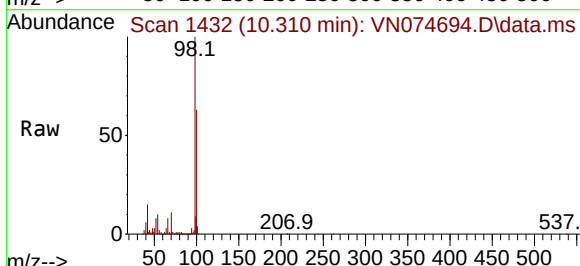
Acq: 01 Oct 2022 06:50

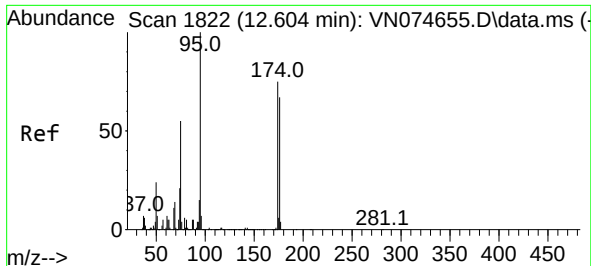
Tgt Ion: 98 Resp: 2050716

Ion Ratio Lower Upper

98 100

100 62.1 52.6 78.8

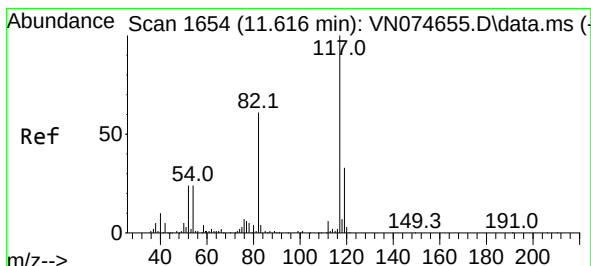
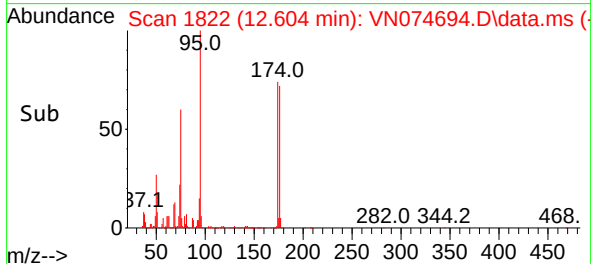
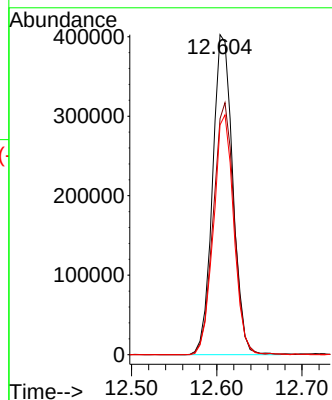
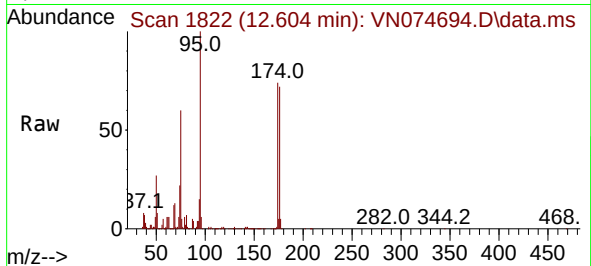




#62
4-Bromofluorobenzene
Concen: 48.622 ug/l
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

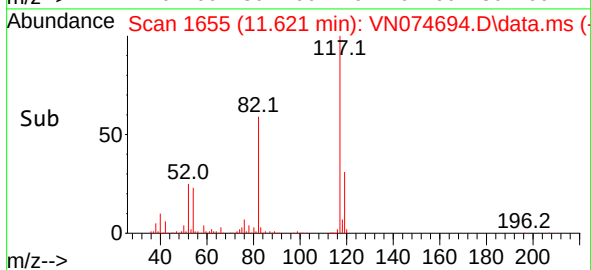
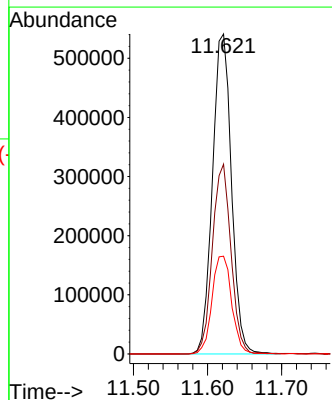
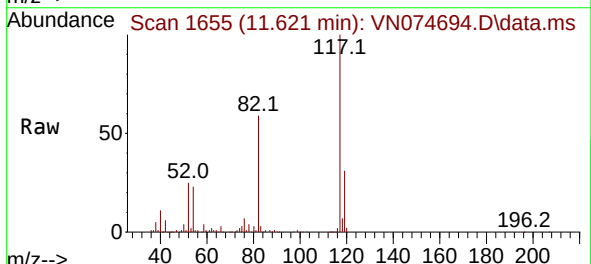
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MW-107

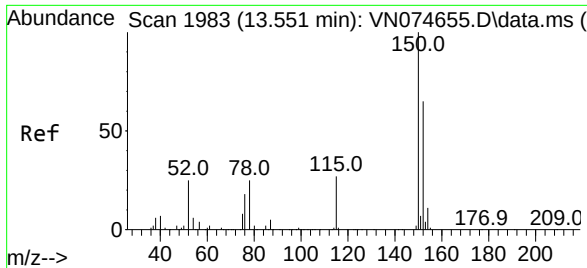
Tgt Ion: 95 Resp: 664434
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 75.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074694.D
Acq: 01 Oct 2022 06:50

Tgt Ion: 117 Resp: 963845
Ion Ratio Lower Upper
117 100
82 59.3 44.2 66.2
119 30.6 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: VN074694.D
 Acq: 01 Oct 2022 06:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-107

Tgt Ion:152 Resp: 449844
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.9 86.7
 150 155.3 0.0 356.2

