

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074690.D
 Acq On : 01 Oct 2022 05:12
 Operator : JC\MD
 Sample : N4882-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103

Quant Time: Oct 03 02:11:50 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)

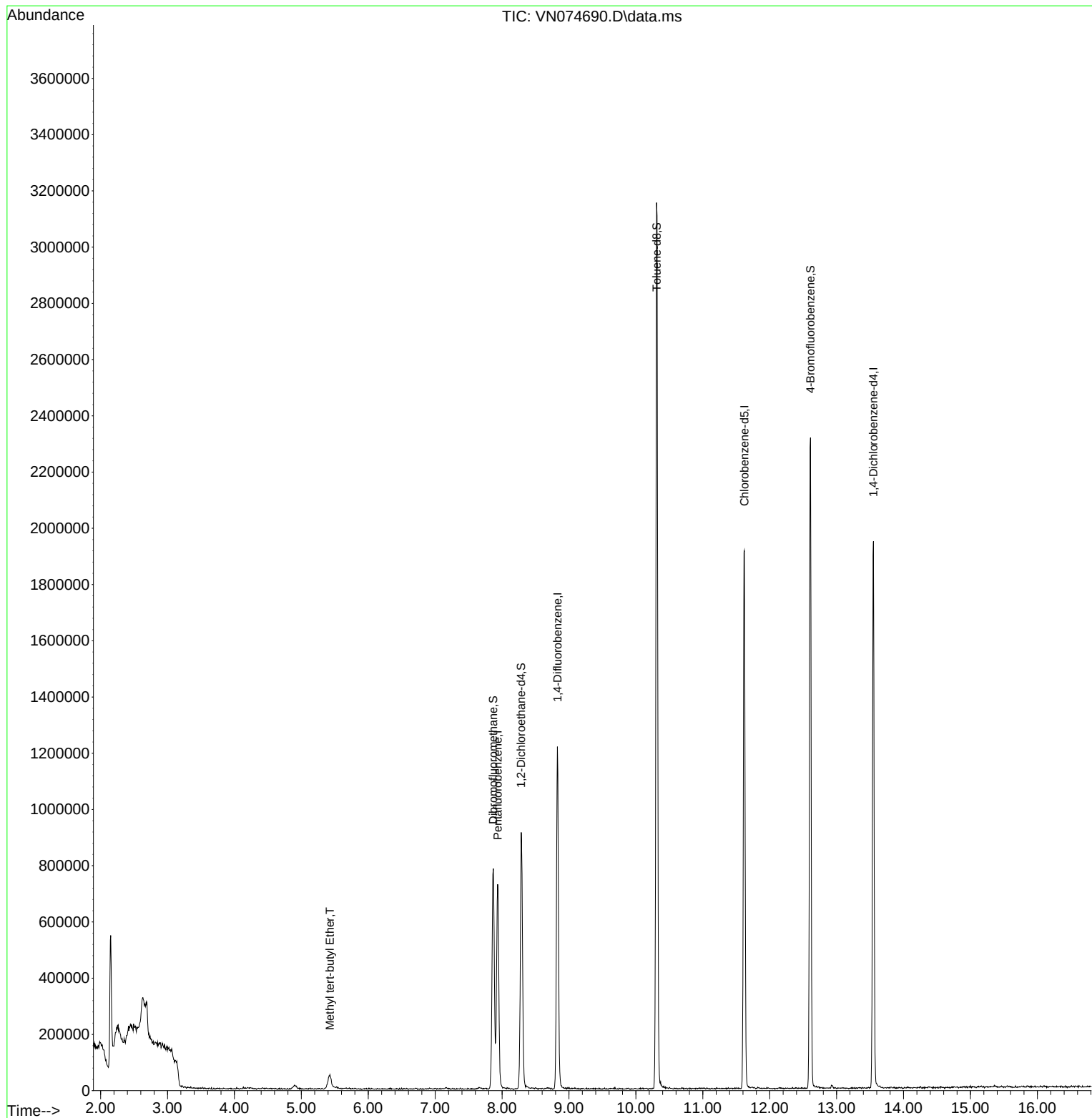
Internal Standards						
1) Pentafluorobenzene	7.934	168	531132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1004770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	1031505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	475231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	687847	51.674	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.340%
35) Dibromofluoromethane	7.869	113	552188	51.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.840%
50) Toluene-d8	10.310	98	2078712	46.468	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.610	95	685514	48.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.428	73	77228	2.040	ug/l	# 83

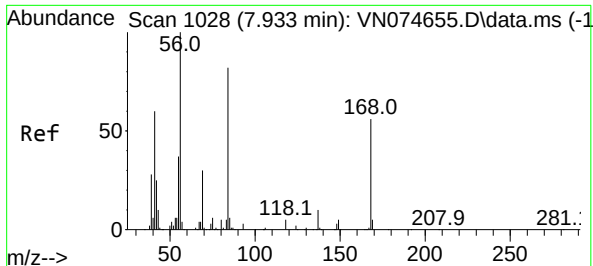
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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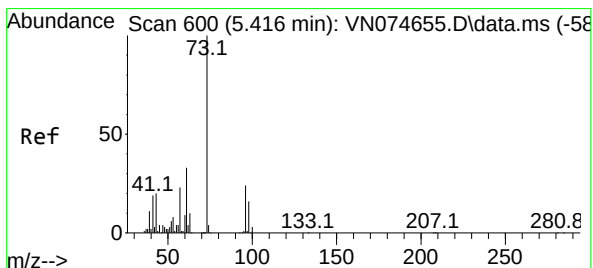
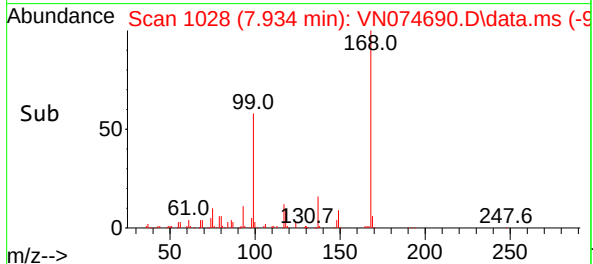
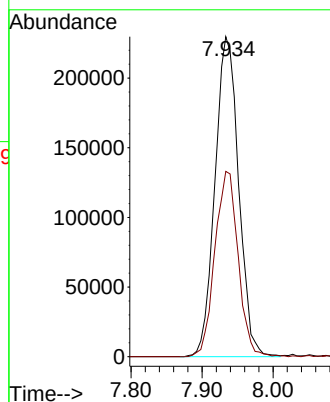
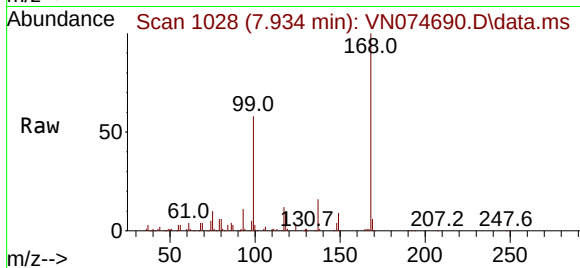




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074690.D
Acq: 01 Oct 2022 05:12

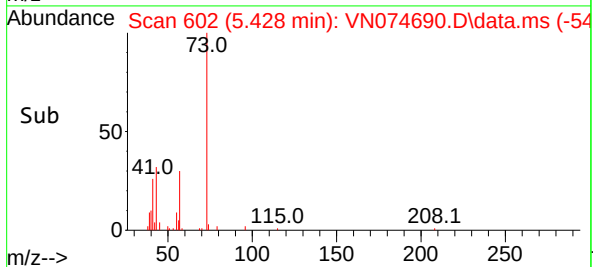
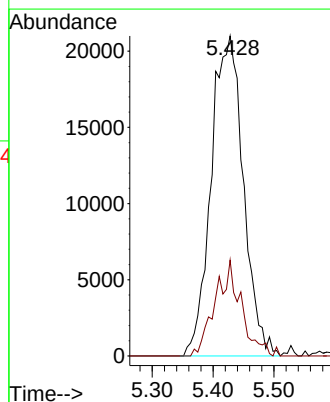
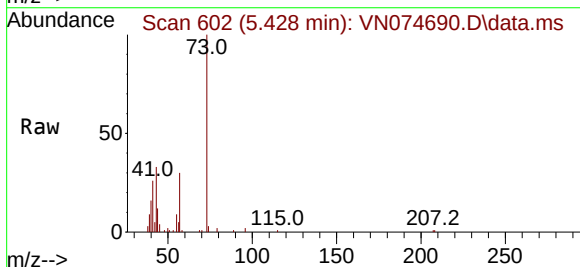
Instrument :
MSVOA_N
ClientSampleId :
MW-103

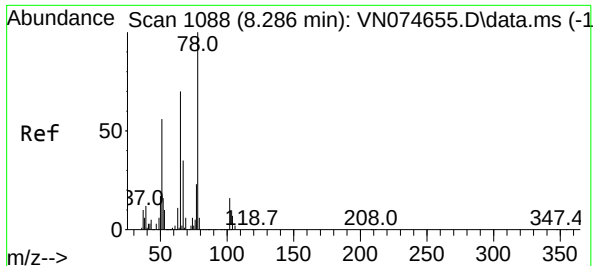
Tgt Ion:168 Resp: 531132
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 2.040 ug/l
RT: 5.428 min Scan# 602
Delta R.T. 0.012 min
Lab File: VN074690.D
Acq: 01 Oct 2022 05:12

Tgt Ion: 73 Resp: 77228
Ion Ratio Lower Upper
73 100
57 30.0 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 51.674 ug/l

RT: 8.286 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074690.D

Acq: 01 Oct 2022 05:12

Instrument :

MSVOA_N

ClientSampleId :

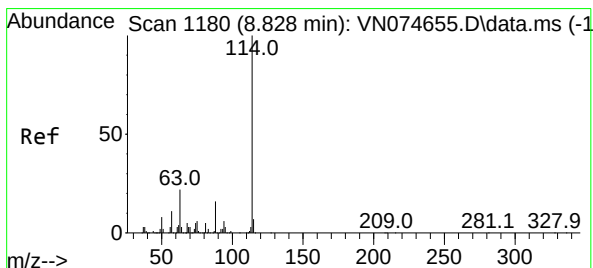
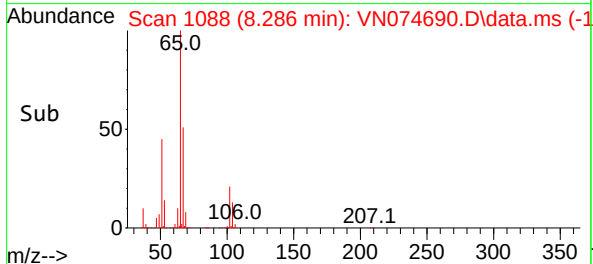
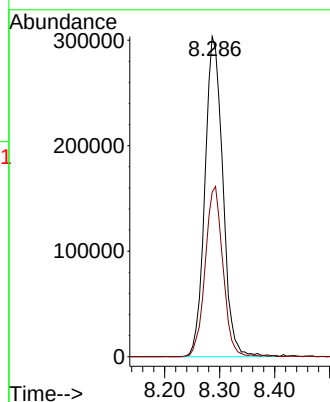
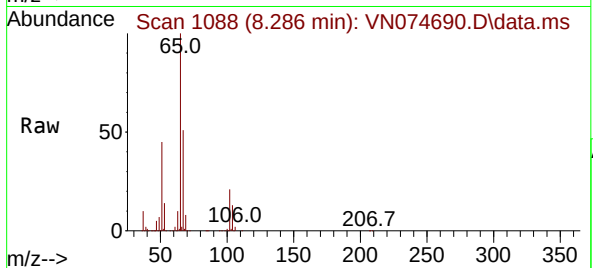
MW-103

Tgt Ion: 65 Resp: 687847

Ion Ratio Lower Upper

65 100

67 52.5 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: VN074690.D

Acq: 01 Oct 2022 05:12

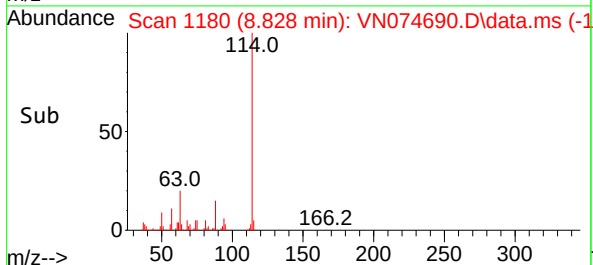
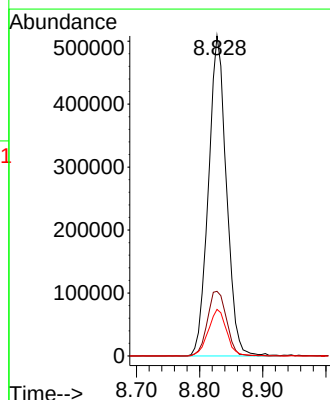
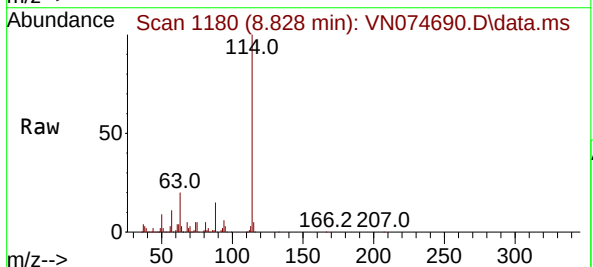
Tgt Ion:114 Resp: 1004770

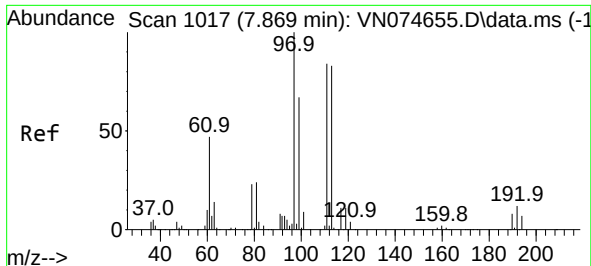
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.922 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074690.D

Acq: 01 Oct 2022 05:12

Instrument :

MSVOA_N

ClientSampleId :

MW-103

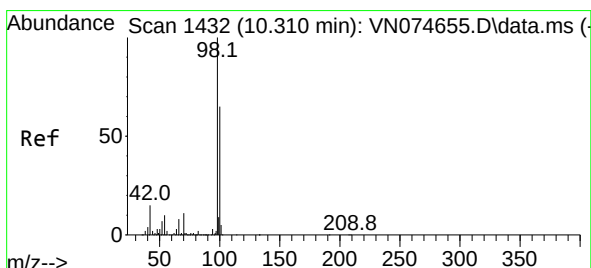
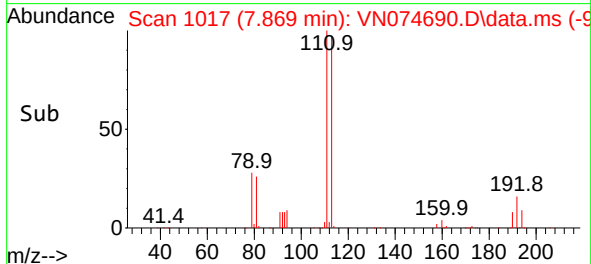
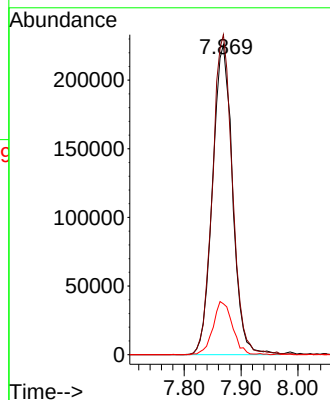
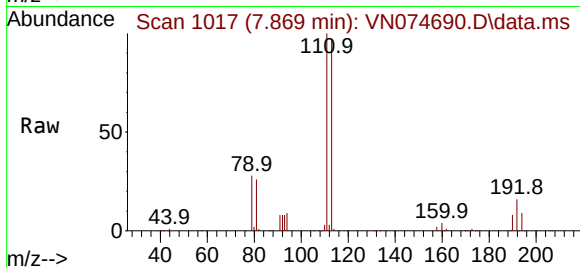
Tgt Ion:113 Resp: 552188

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 16.6 17.0 25.6#



#50

Toluene-d8

Concen: 46.468 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074690.D

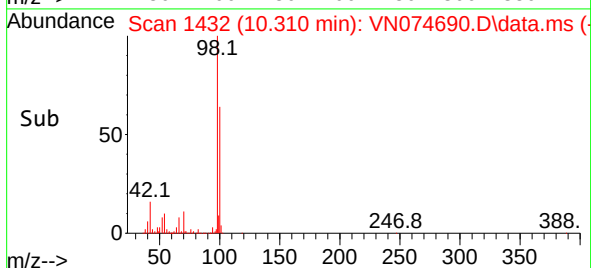
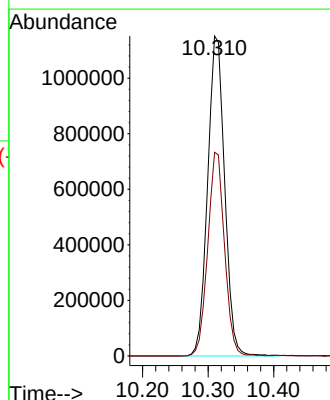
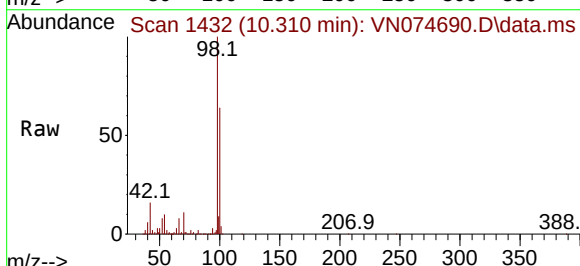
Acq: 01 Oct 2022 05:12

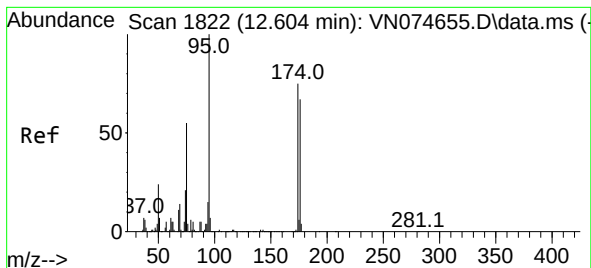
Tgt Ion: 98 Resp: 2078712

Ion Ratio Lower Upper

98 100

100 62.8 52.6 78.8

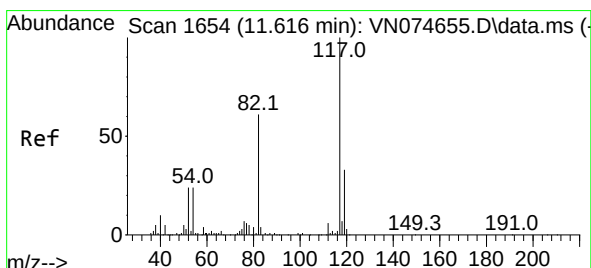
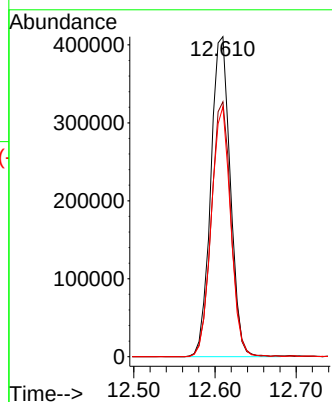
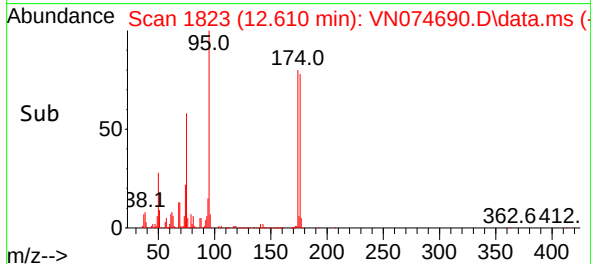
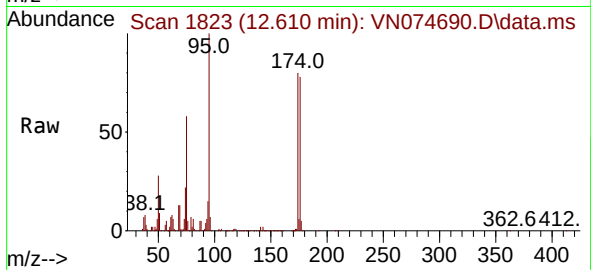




#62
4-Bromofluorobenzene
Concen: 48.328 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074690.D
Acq: 01 Oct 2022 05:12

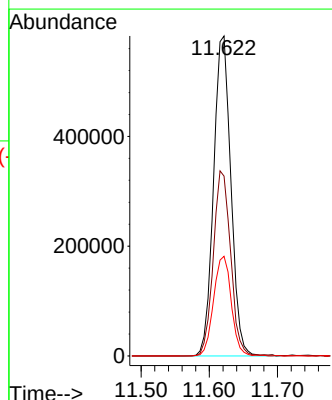
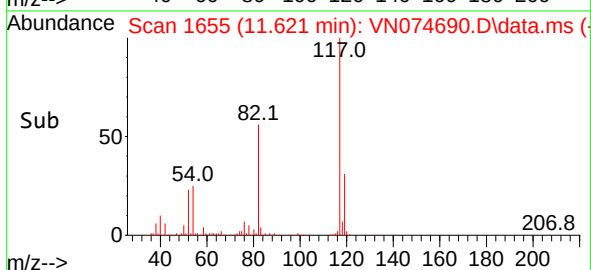
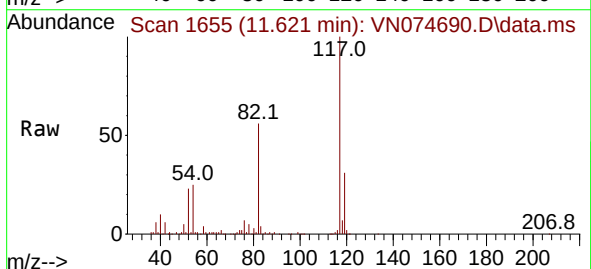
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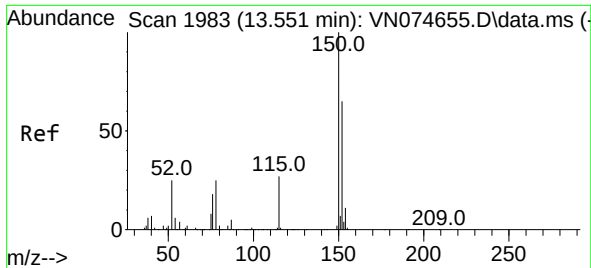
Tgt Ion: 95 Resp: 685514
Ion Ratio Lower Upper
95 100
174 80.1 0.0 167.6
176 77.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074690.D
Acq: 01 Oct 2022 05:12

Tgt Ion: 117 Resp: 1031505
Ion Ratio Lower Upper
117 100
82 56.2 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: VN074690.D
 Acq: 01 Oct 2022 05:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103

Tgt Ion:152 Resp: 475231
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.9 86.7
 150 158.9 0.0 356.2

