

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076065.D
 Acq On : 03 Jan 2023 15:50
 Operator : JC\MD
 Sample : N6232-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Quant Time: Jan 04 04:19:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

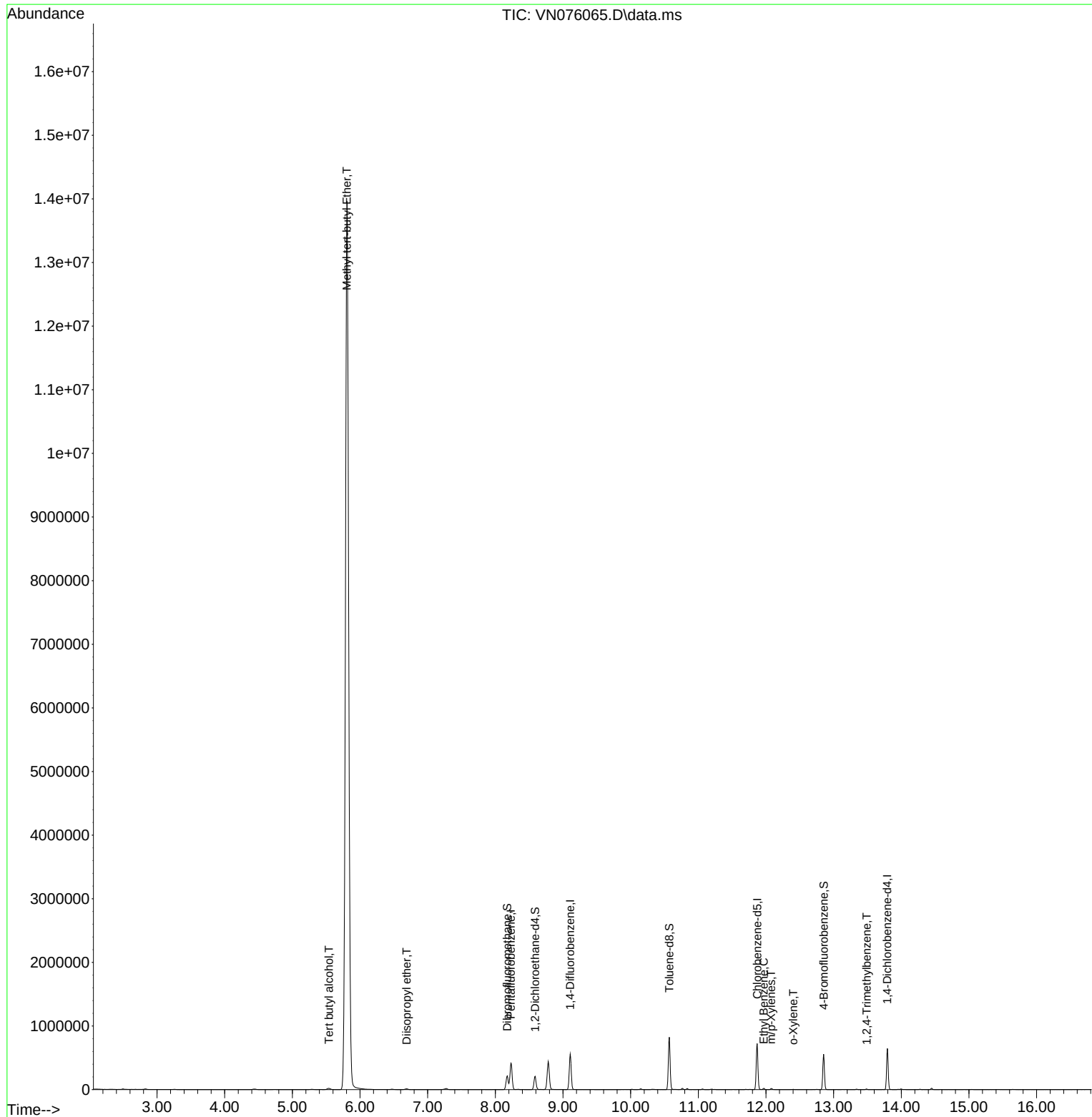
Internal Standards						
1) Pentafluorobenzene	8.230	168	328647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	441189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	166160	46.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.940%
35) Dibromofluoromethane	8.177	113	154427	48.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.571	98	584358	49.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.853	95	183827	46.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.542	59	36976	73.088	ug/l	# 72
19) Methyl tert-butyl Ether	5.806	73	24145737	2517.292	ug/l	100
22) Diisopropyl ether	6.689	45	14735	1.781	ug/l	94
67) Ethyl Benzene	11.965	91	12750	0.834	ug/l	95
68) m/p-Xylenes	12.076	106	6027	0.996	ug/l	90
69) o-Xylene	12.406	106	1317	0.220	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	6667	0.609	ug/l	99

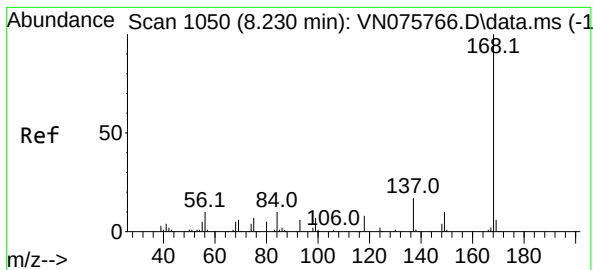
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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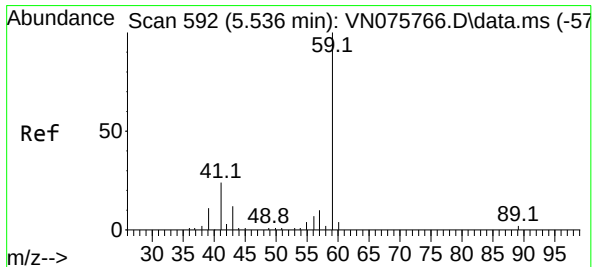
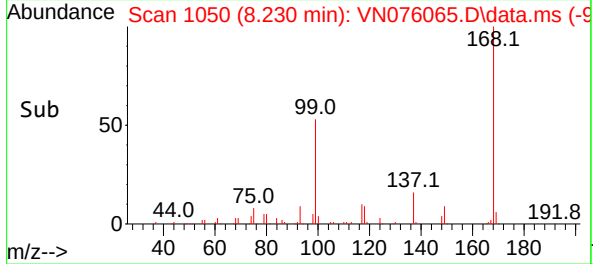
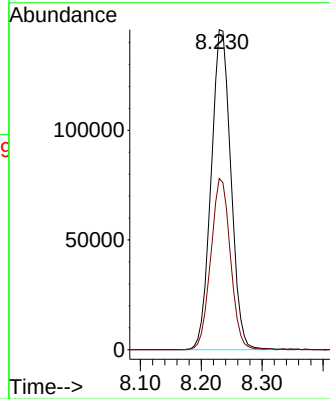
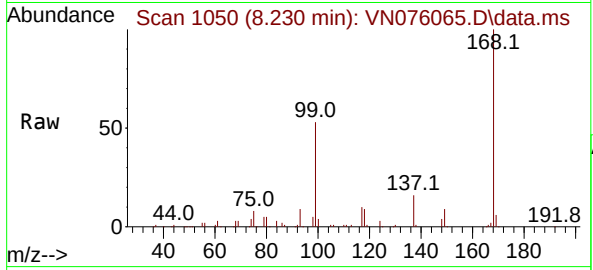




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

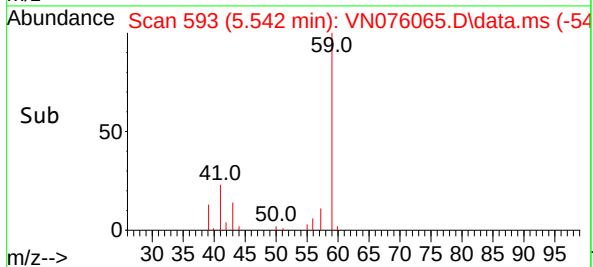
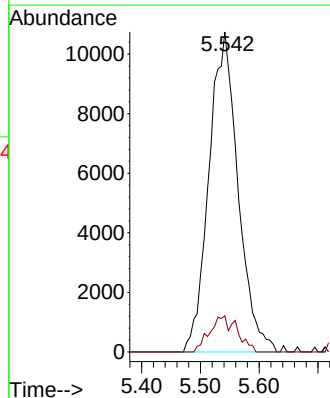
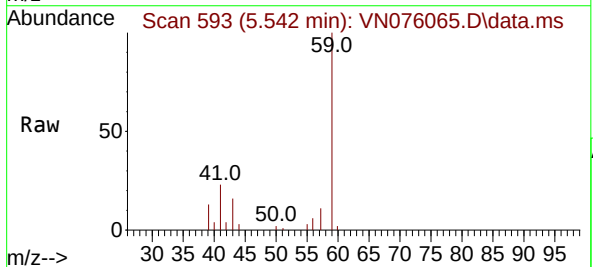
Instrument :
MSVOA_N
ClientSampleId :
MW-13

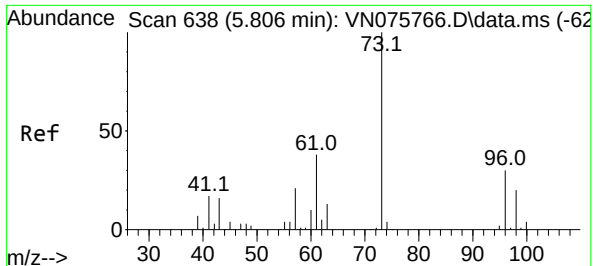
Tgt Ion:168 Resp: 328647
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 73.088 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

Tgt Ion: 59 Resp: 36976
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

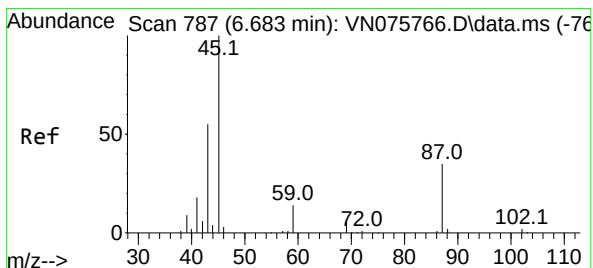
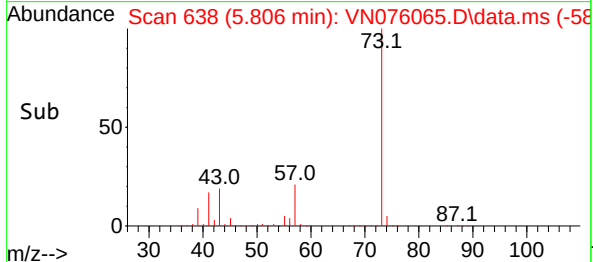
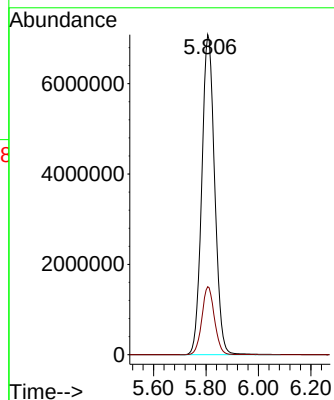
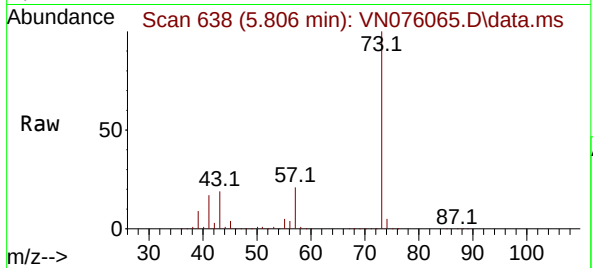




#19
Methyl tert-butyl Ether
Concen: 2517.292 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

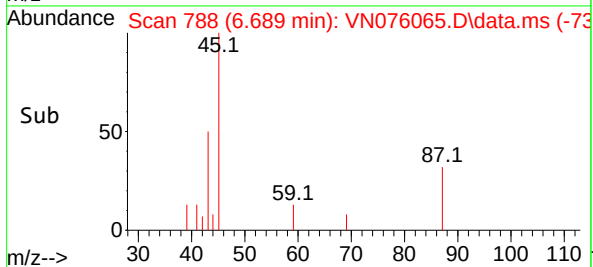
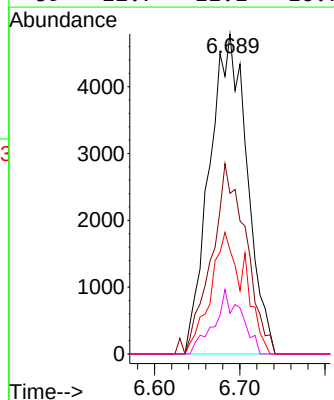
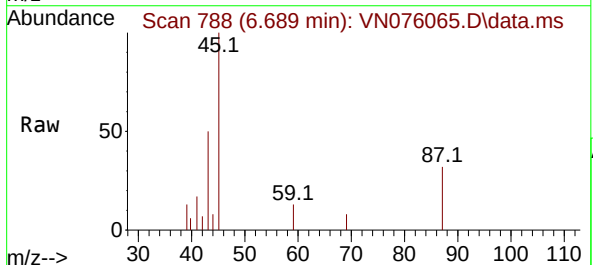
Instrument :
MSVOA_N
ClientSampleId :
MW-13

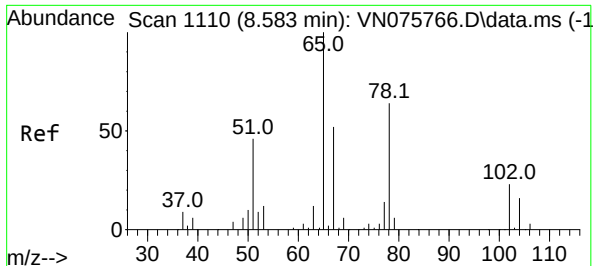
Tgt Ion: 73 Resp:24145737
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#22
Diisopropyl ether
Concen: 1.781 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

Tgt Ion: 45 Resp: 14735
Ion Ratio Lower Upper
45 100
43 50.2 44.2 66.4
87 32.4 28.3 42.5
59 12.7 11.1 16.7





#33

1,2-Dichloroethane-d4

Concen: 46.473 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

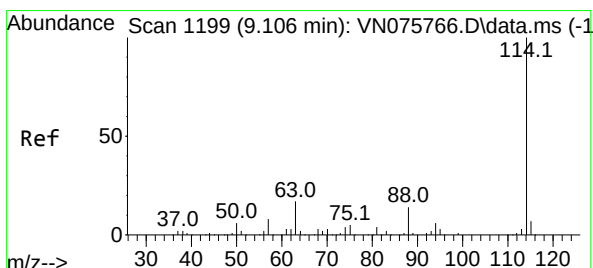
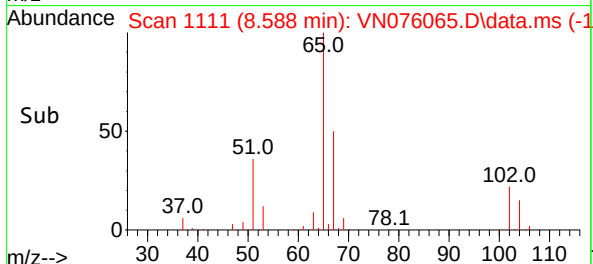
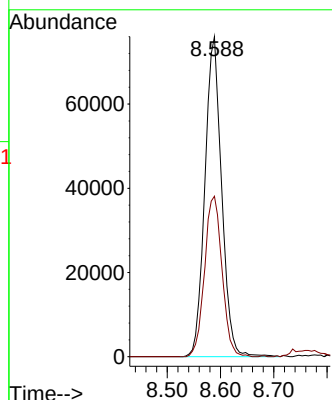
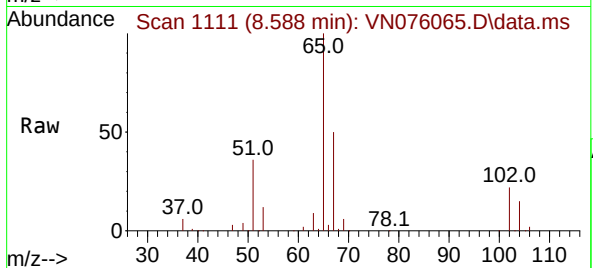
MW-13

Tgt Ion: 65 Resp: 166160

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

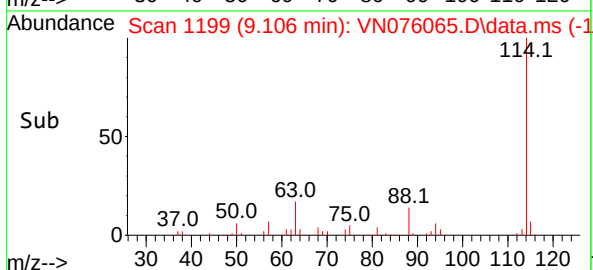
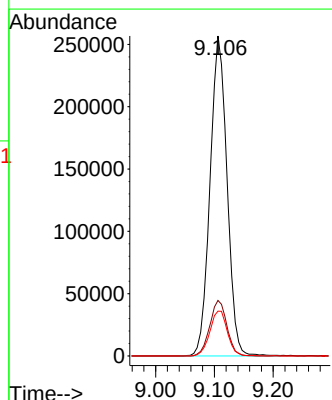
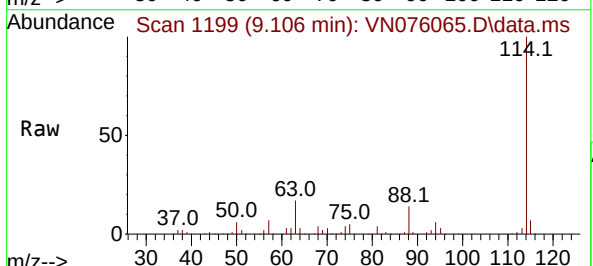
Tgt Ion: 114 Resp: 514948

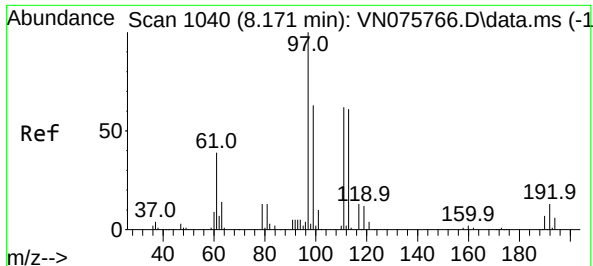
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.425 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-13

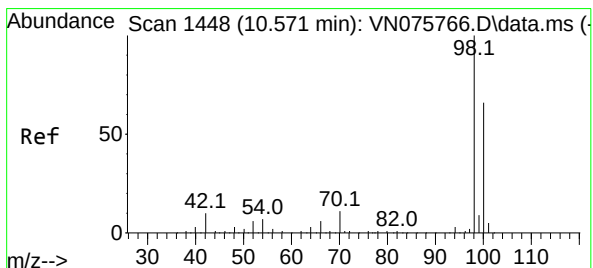
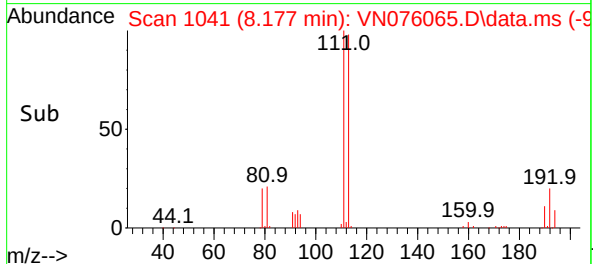
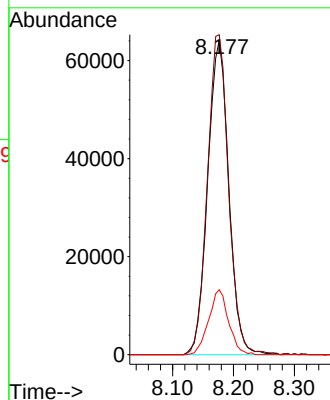
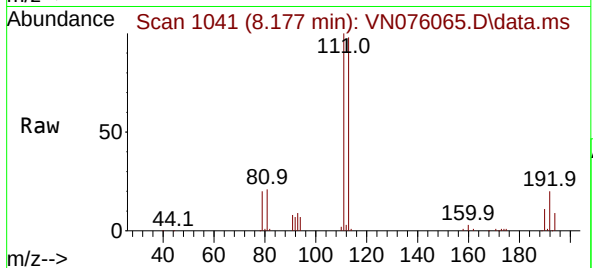
Tgt Ion:113 Resp: 154427

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.5 16.1 24.1



#50

Toluene-d8

Concen: 49.010 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076065.D

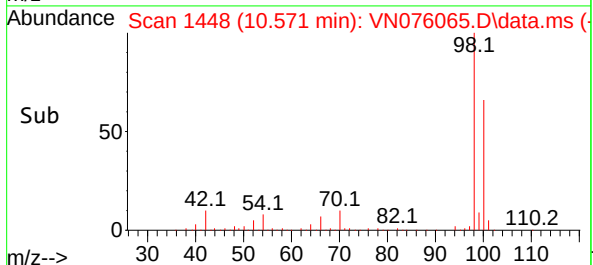
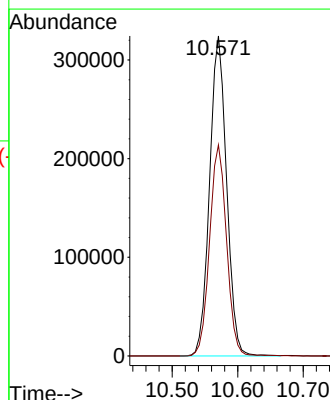
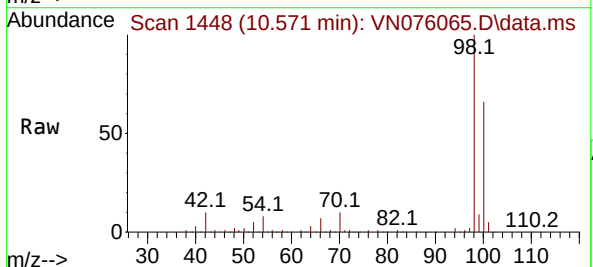
Acq: 03 Jan 2023 15:50

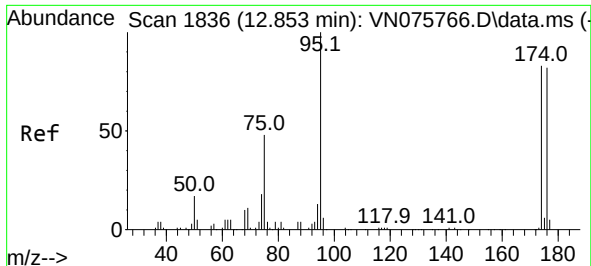
Tgt Ion: 98 Resp: 584358

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

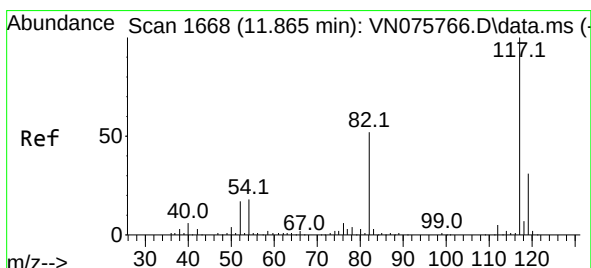
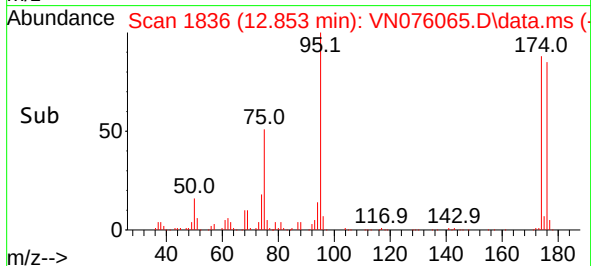
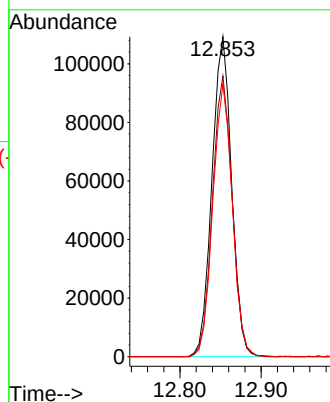
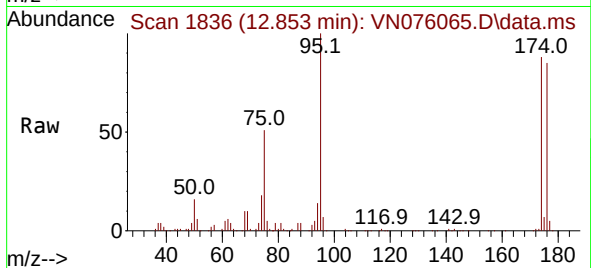




#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

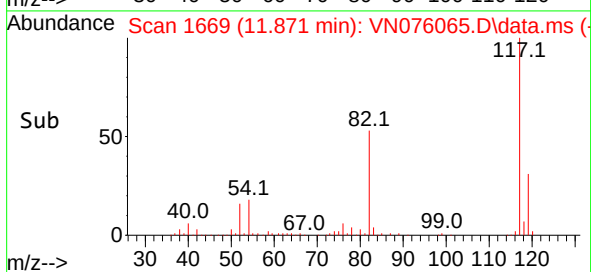
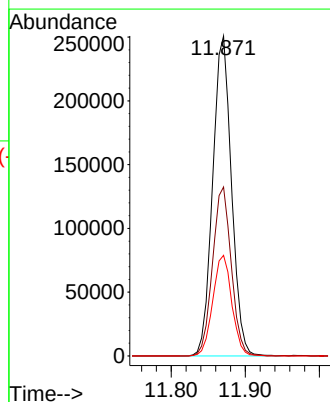
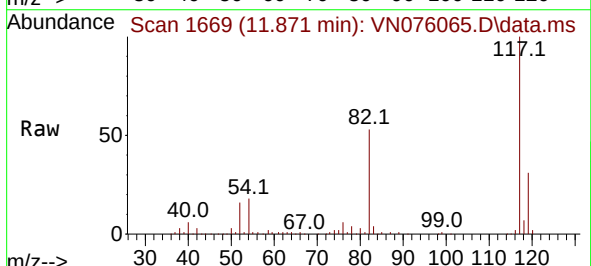
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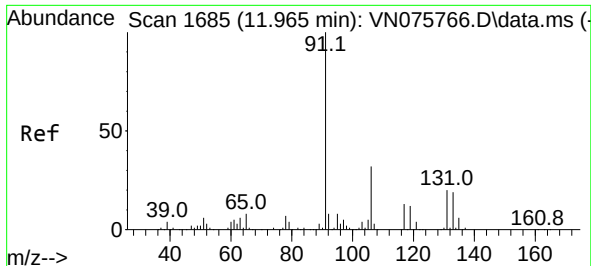
Tgt Ion: 95 Resp: 183827
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076065.D
Acq: 03 Jan 2023 15:50

Tgt Ion: 117 Resp: 441189
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 31.4 24.6 37.0





#67

Ethyl Benzene

Concen: 0.834 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

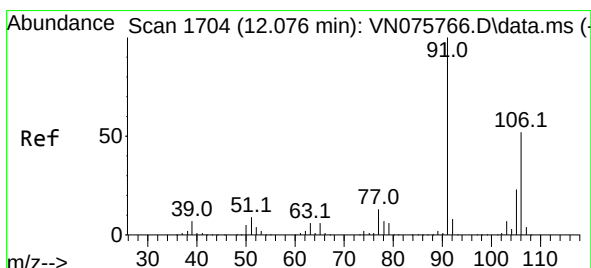
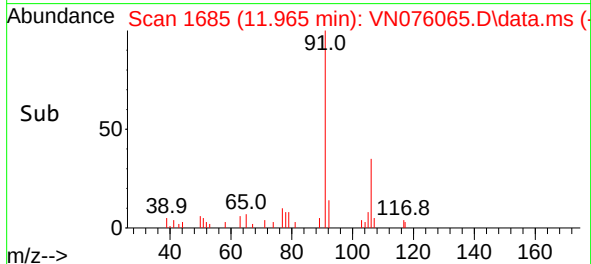
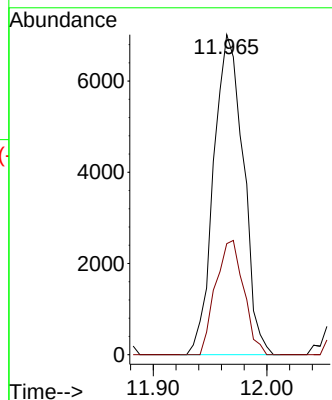
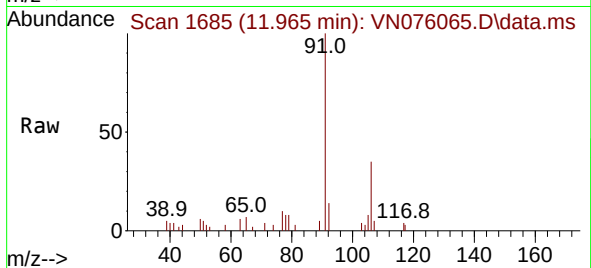
MW-13

Tgt Ion: 91 Resp: 12750

Ion Ratio Lower Upper

91 100

106 34.7 25.7 38.5



#68

m/p-Xylenes

Concen: 0.996 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN076065.D

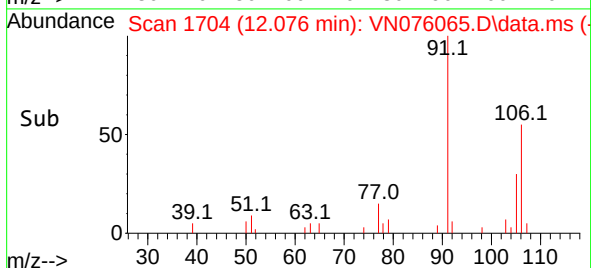
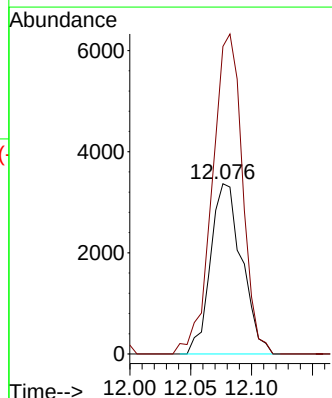
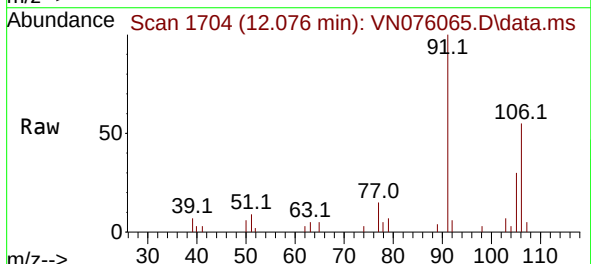
Acq: 03 Jan 2023 15:50

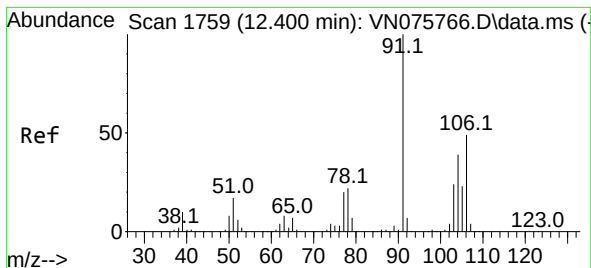
Tgt Ion: 106 Resp: 6027

Ion Ratio Lower Upper

106 100

91 181.0 156.6 235.0





#69

o-Xylene

Concen: 0.220 ug/l

RT: 12.406 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

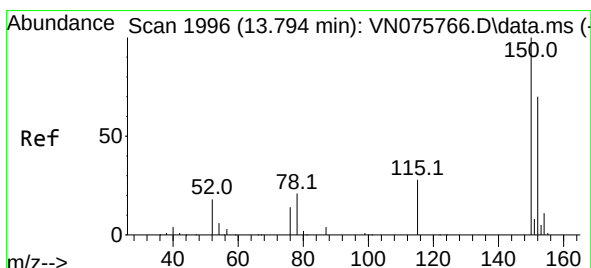
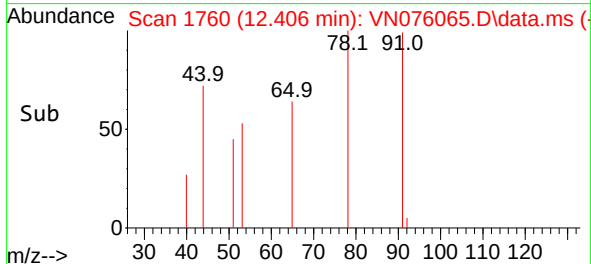
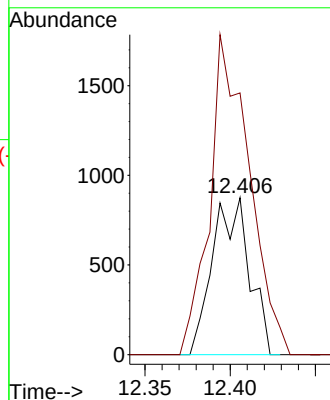
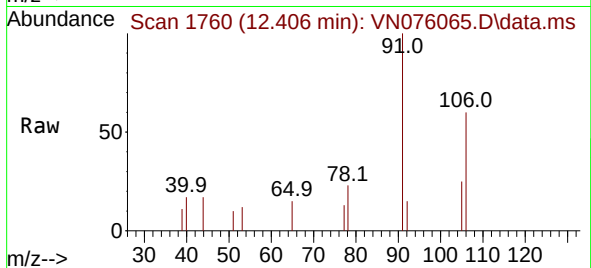
MW-13

Tgt Ion:106 Resp: 1317

Ion Ratio Lower Upper

106 100

91 218.5 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076065.D

Acq: 03 Jan 2023 15:50

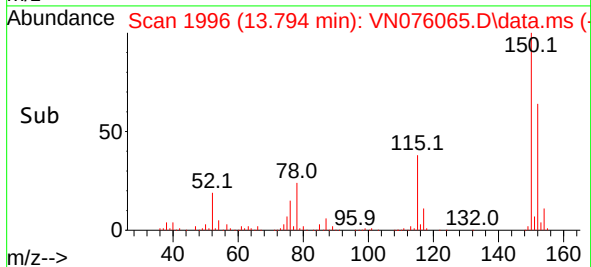
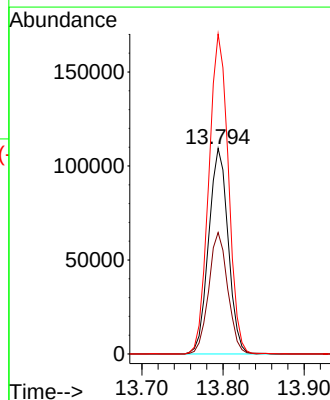
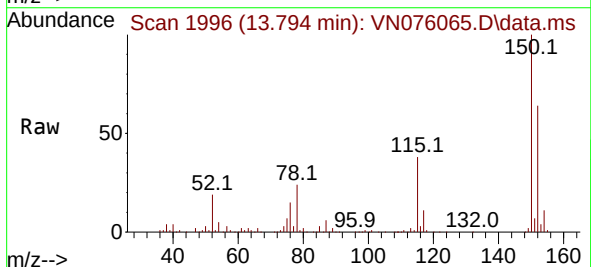
Tgt Ion:152 Resp: 182463

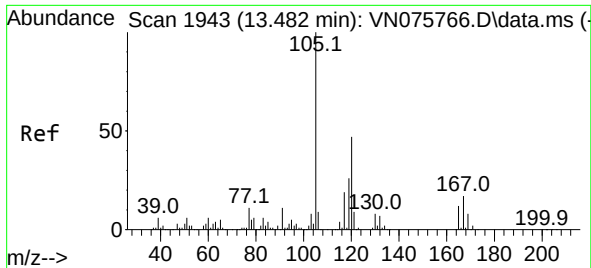
Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.4

150 156.1 0.0 347.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.609 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076065.D
 Acq: 03 Jan 2023 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Tgt Ion:105 Resp: 6667
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.8

