

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071759.D
 Acq On : 01 Apr 2022 17:44
 Operator : JC\MD
 Sample : N2090-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-53

Quant Time: Apr 02 00:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

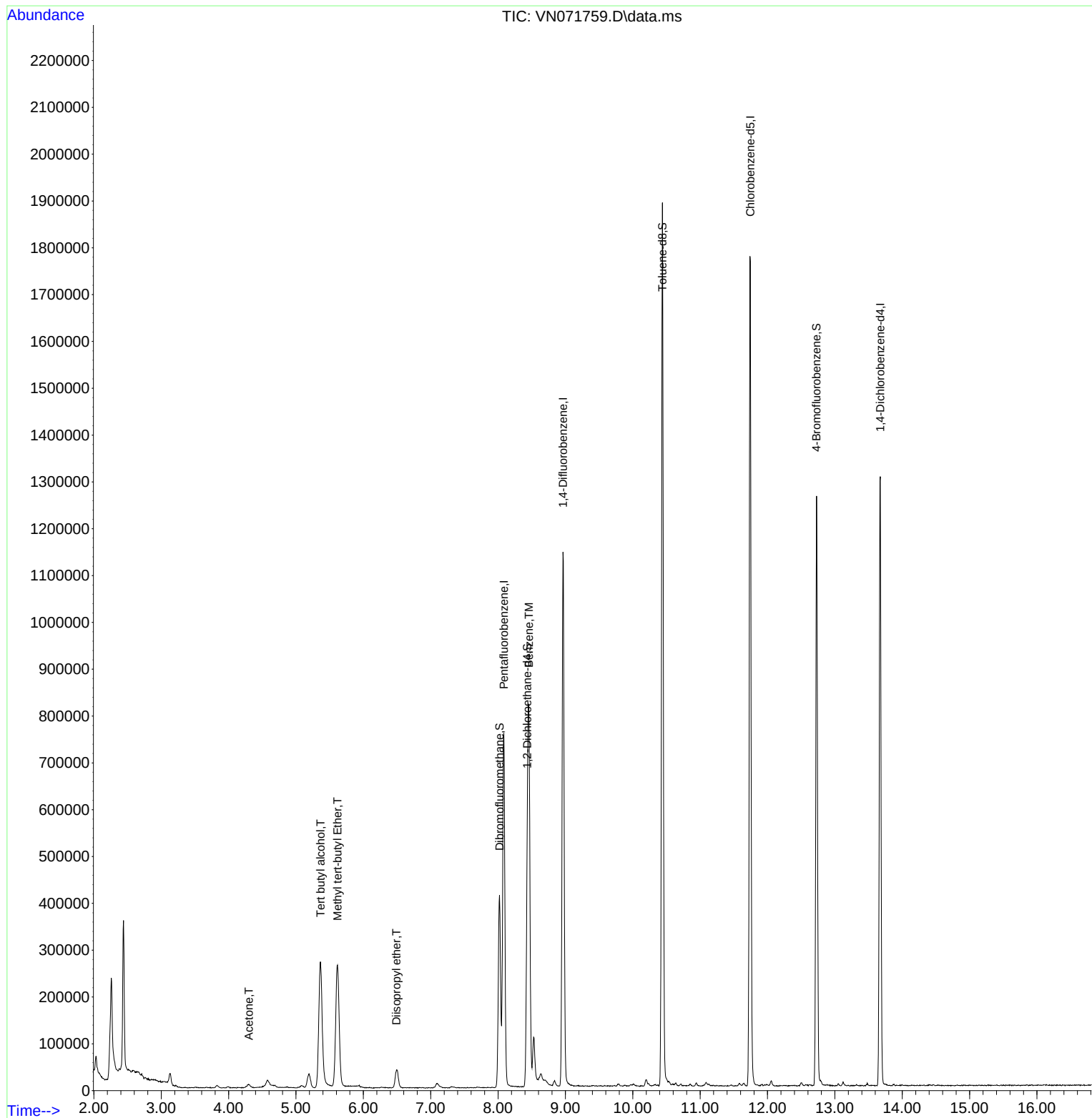
Internal Standards						
1) Pentafluorobenzene	8.086	168	624360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1076827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1095298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	399035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	358005	50.227	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.460%	
35) Dibromofluoromethane	8.022	113	307085	48.463	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.920%	
50) Toluene-d8	10.439	98	1342180	51.779	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.727	95	450355	53.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	532623	460.458	ug/l	99
16) Acetone	4.298	43	11769	3.864	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	472466	24.678	ug/l	96
22) Diisopropyl ether	6.492	45	49519	2.719	ug/l	94
40) Benzene	8.457	78	717962	25.685	ug/l	100

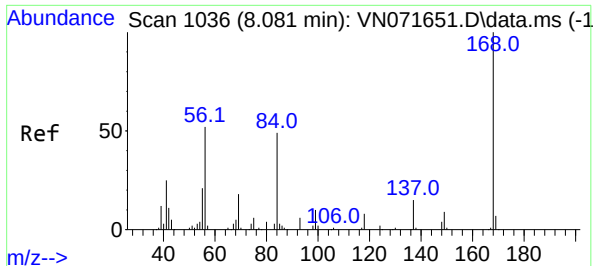
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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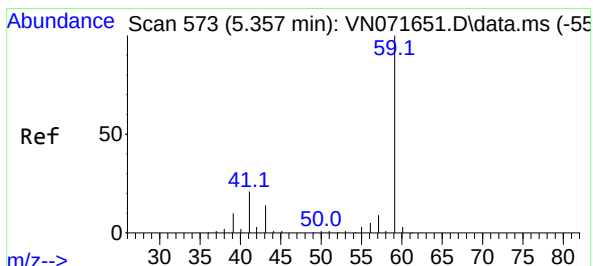
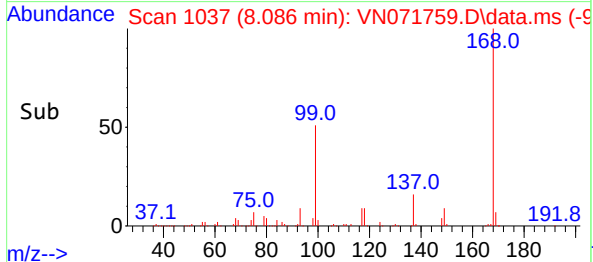
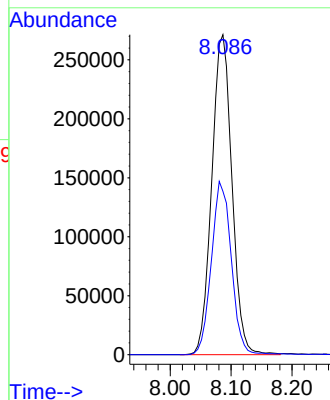
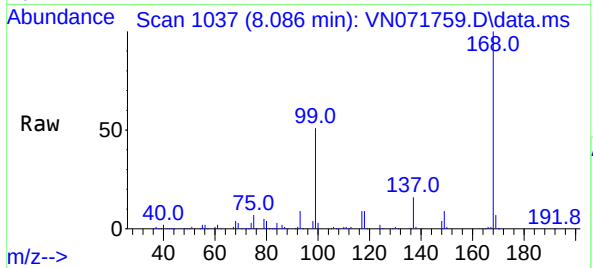




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

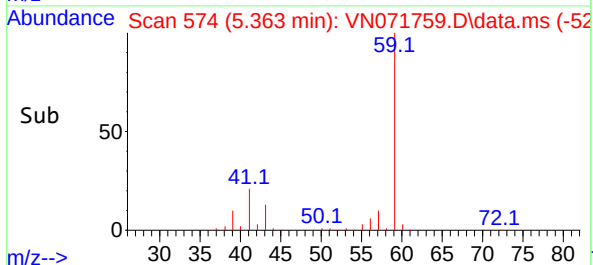
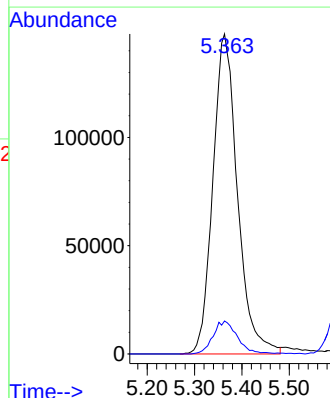
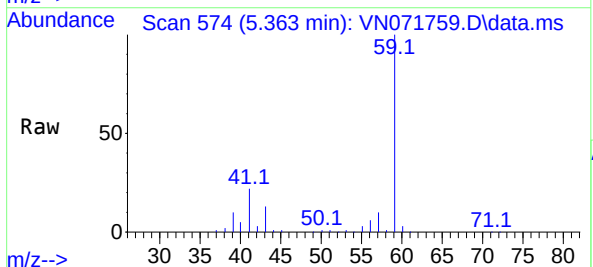
Instrument :
MSVOA_N
ClientSampleId :
MW-53

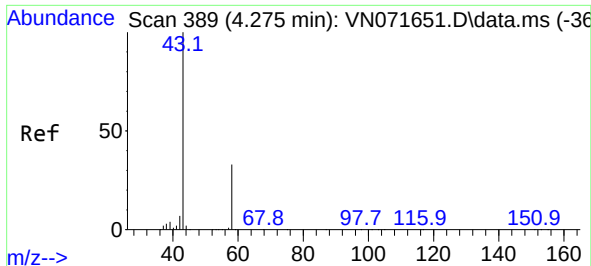
Tgt Ion:168 Resp: 624360
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 460.458 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

Tgt Ion: 59 Resp: 532623
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

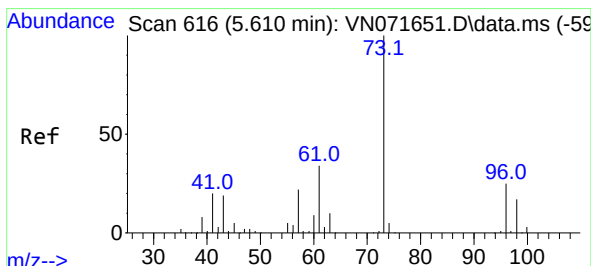
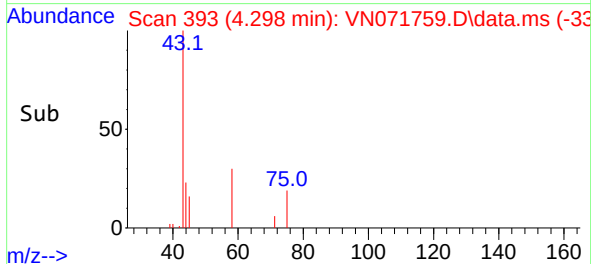
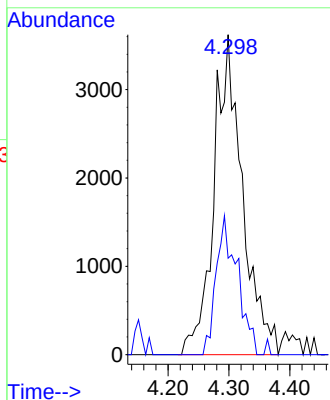
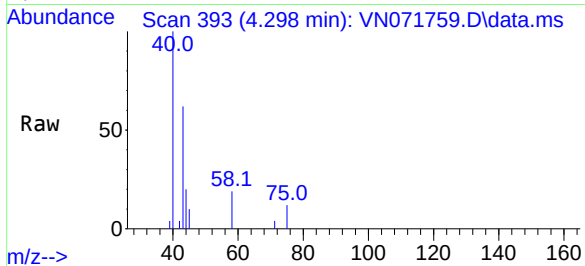




#16
Acetone
Concen: 3.864 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

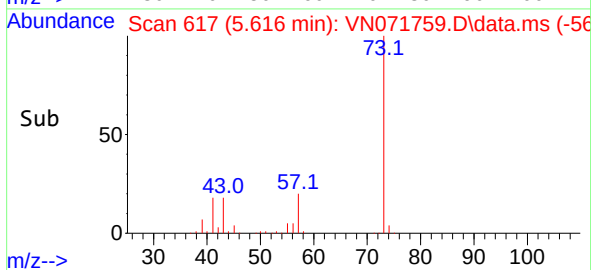
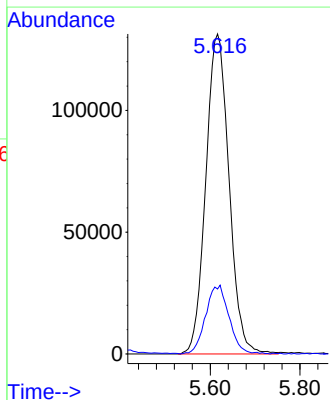
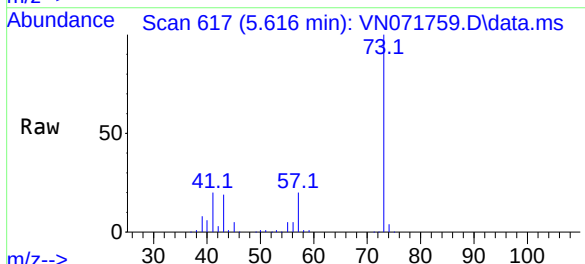
Instrument :
MSVOA_N
ClientSampleId :
MW-53

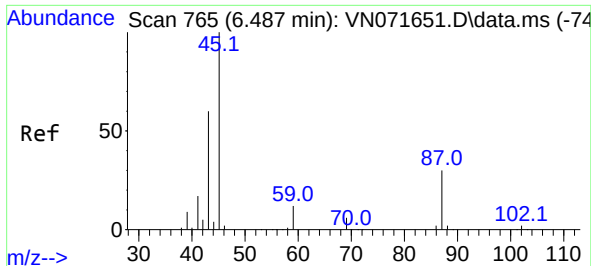
Tgt Ion: 43 Resp: 11769
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 24.678 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

Tgt Ion: 73 Resp: 472466
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4

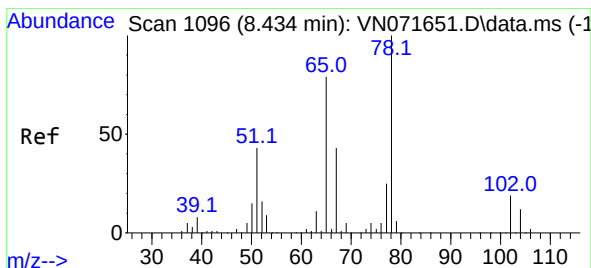
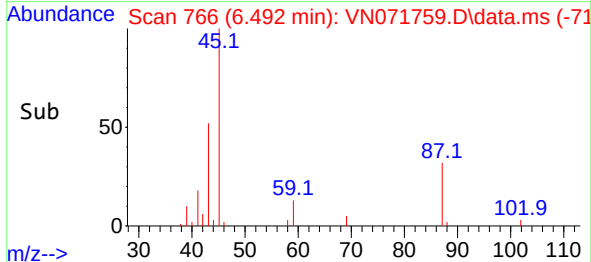
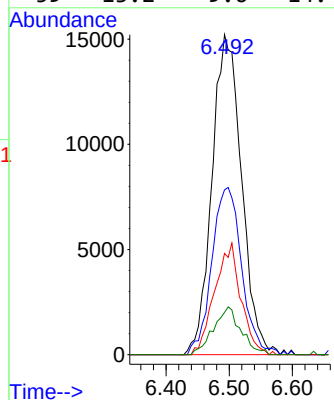
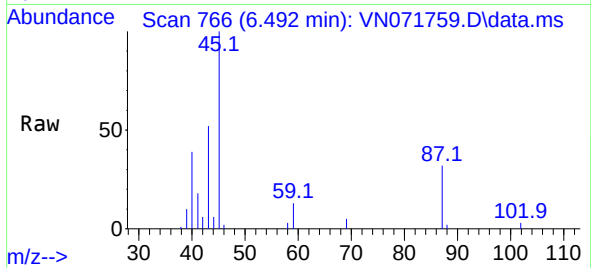




#22
Diisopropyl ether
Concen: 2.719 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

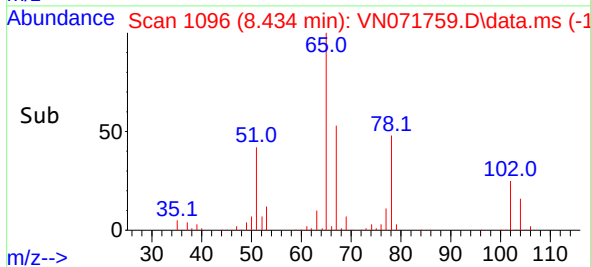
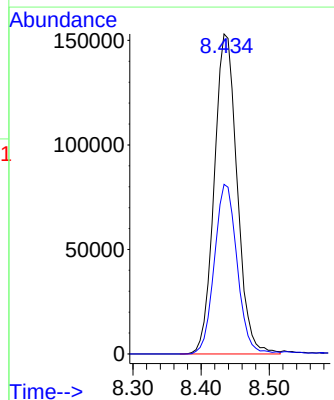
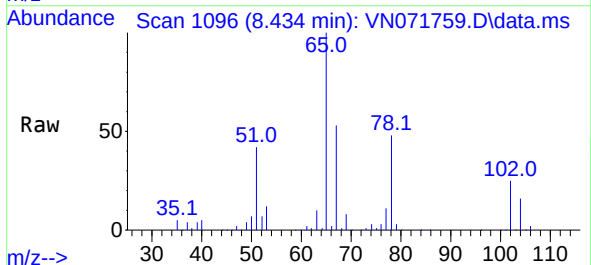
Instrument :
MSVOA_N
ClientSampleId :
MW-53

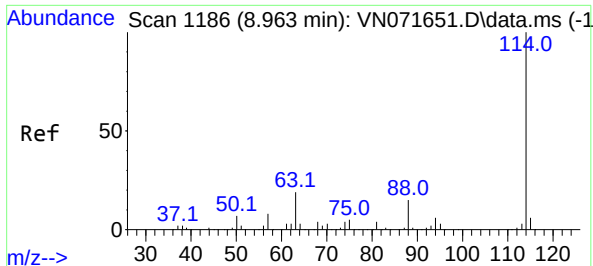
Tgt Ion:	45	Resp:	49519
Ion	Ratio	Lower	Upper
45	100		
43	51.5	46.6	70.0
87	31.6	24.3	36.5
59	13.2	9.6	14.4



#33
1,2-Dichloroethane-d4
Concen: 50.227 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

Tgt Ion:	65	Resp:	358005
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071759.D

Acq: 01 Apr 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-53

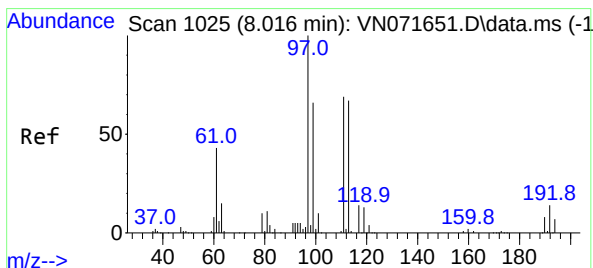
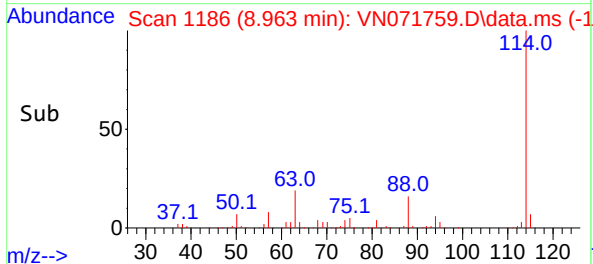
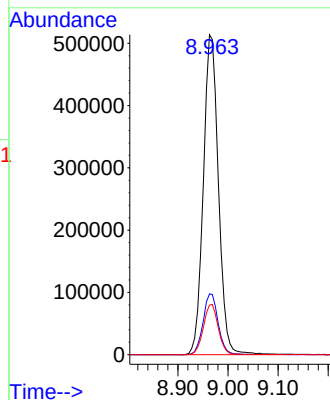
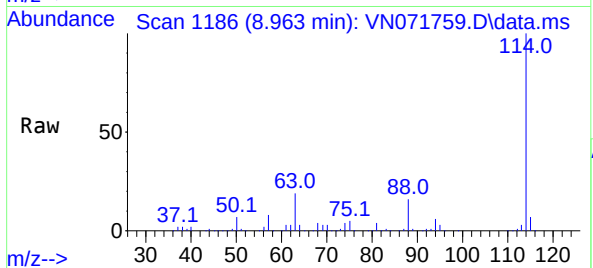
Tgt Ion:114 Resp: 1076827

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.463 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071759.D

Acq: 01 Apr 2022 17:44

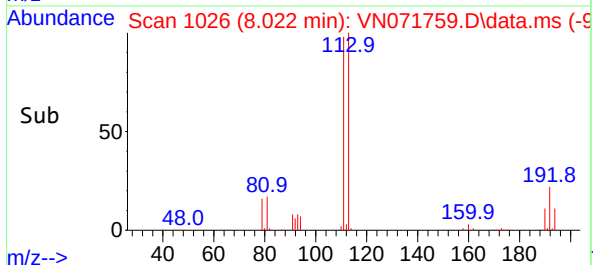
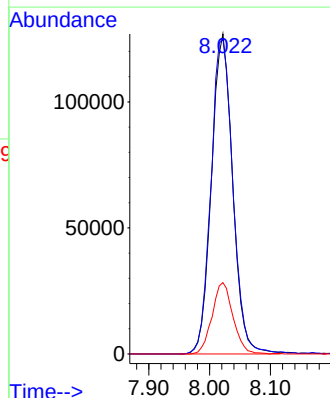
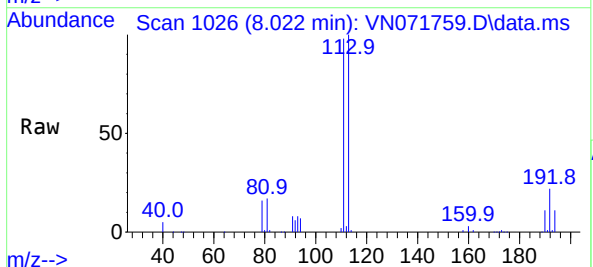
Tgt Ion:113 Resp: 307085

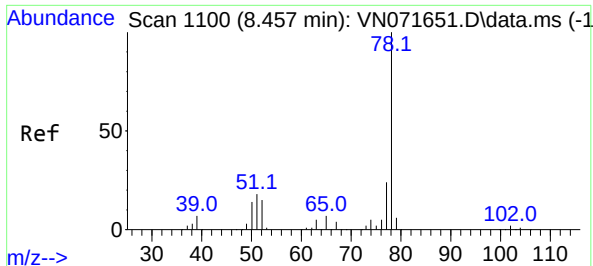
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.0 17.0 25.6

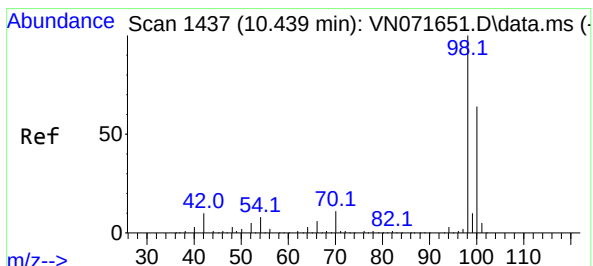
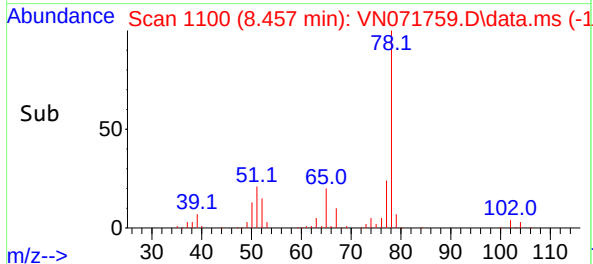
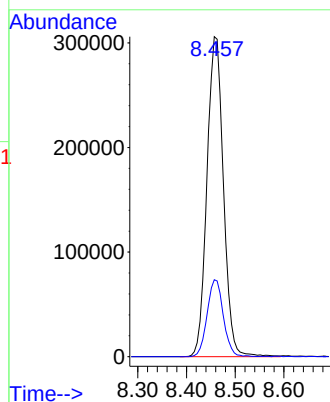
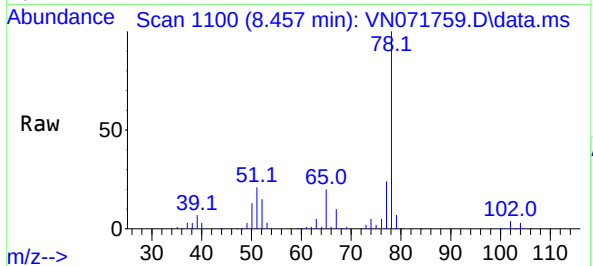




#40
Benzene
Concen: 25.685 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

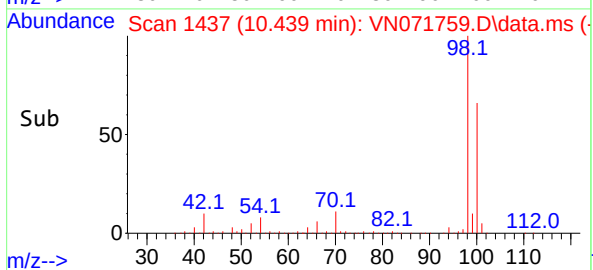
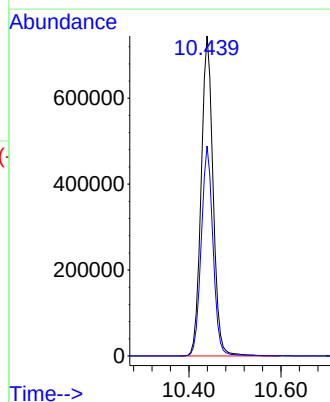
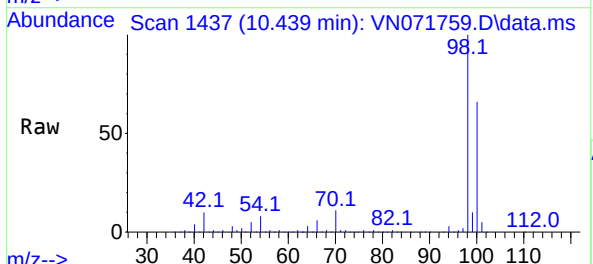
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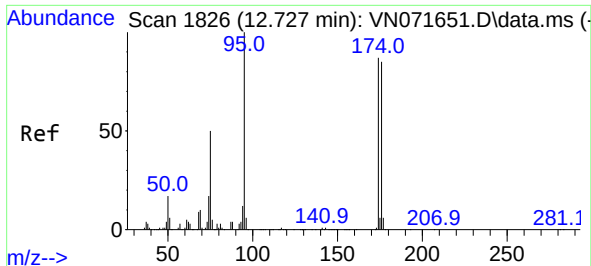
Tgt Ion: 78 Resp: 717962
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

Tgt Ion: 98 Resp: 1342180
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

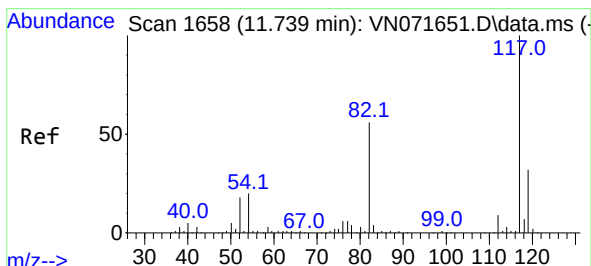
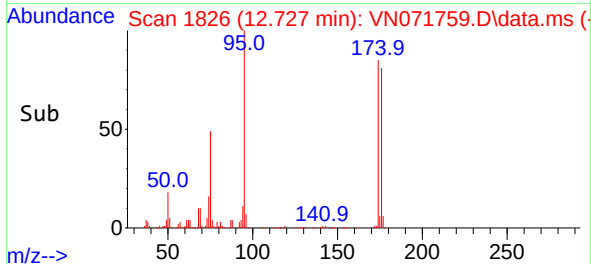
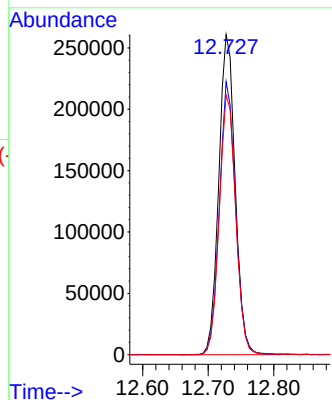
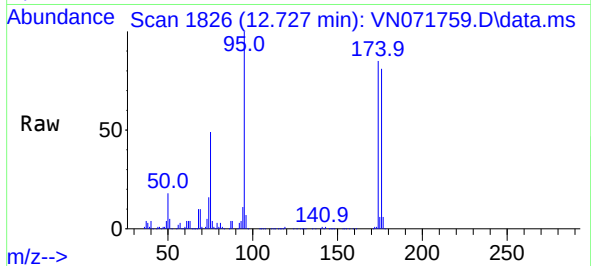




#62
4-Bromofluorobenzene
Concen: 53.720 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

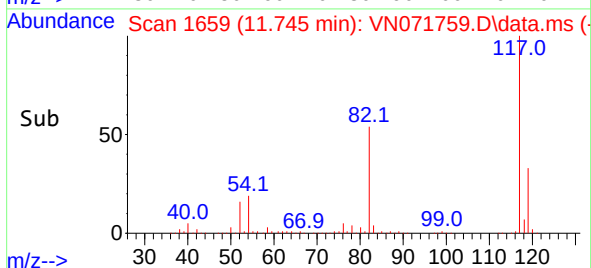
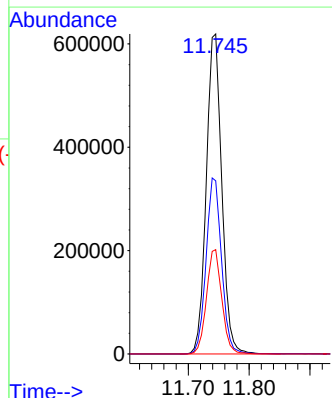
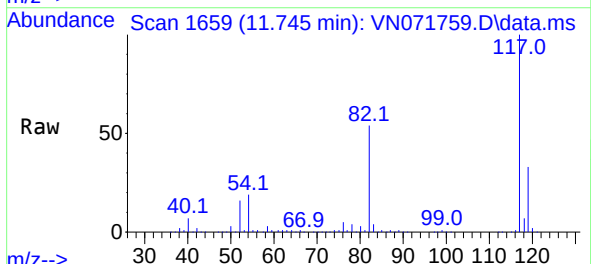
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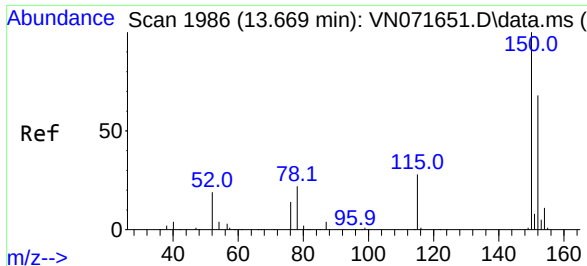
Tgt Ion: 95 Resp: 450355
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071759.D
Acq: 01 Apr 2022 17:44

Tgt Ion: 117 Resp: 1095298
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.005 min

Lab File: VN071759.D

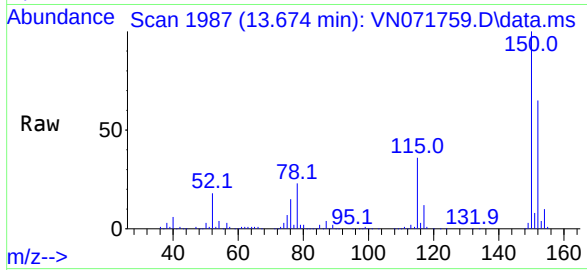
Acq: 01 Apr 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

MW-53



Tgt Ion:152 Resp: 399035

Ion Ratio Lower Upper

152 100

115 56.0 28.9 86.7

150 156.5 0.0 356.2

