

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067988.D
 Acq On : 3 Aug 2021 17:49
 Operator : JC/MD
 Sample : M3269-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Aug 04 03:41:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

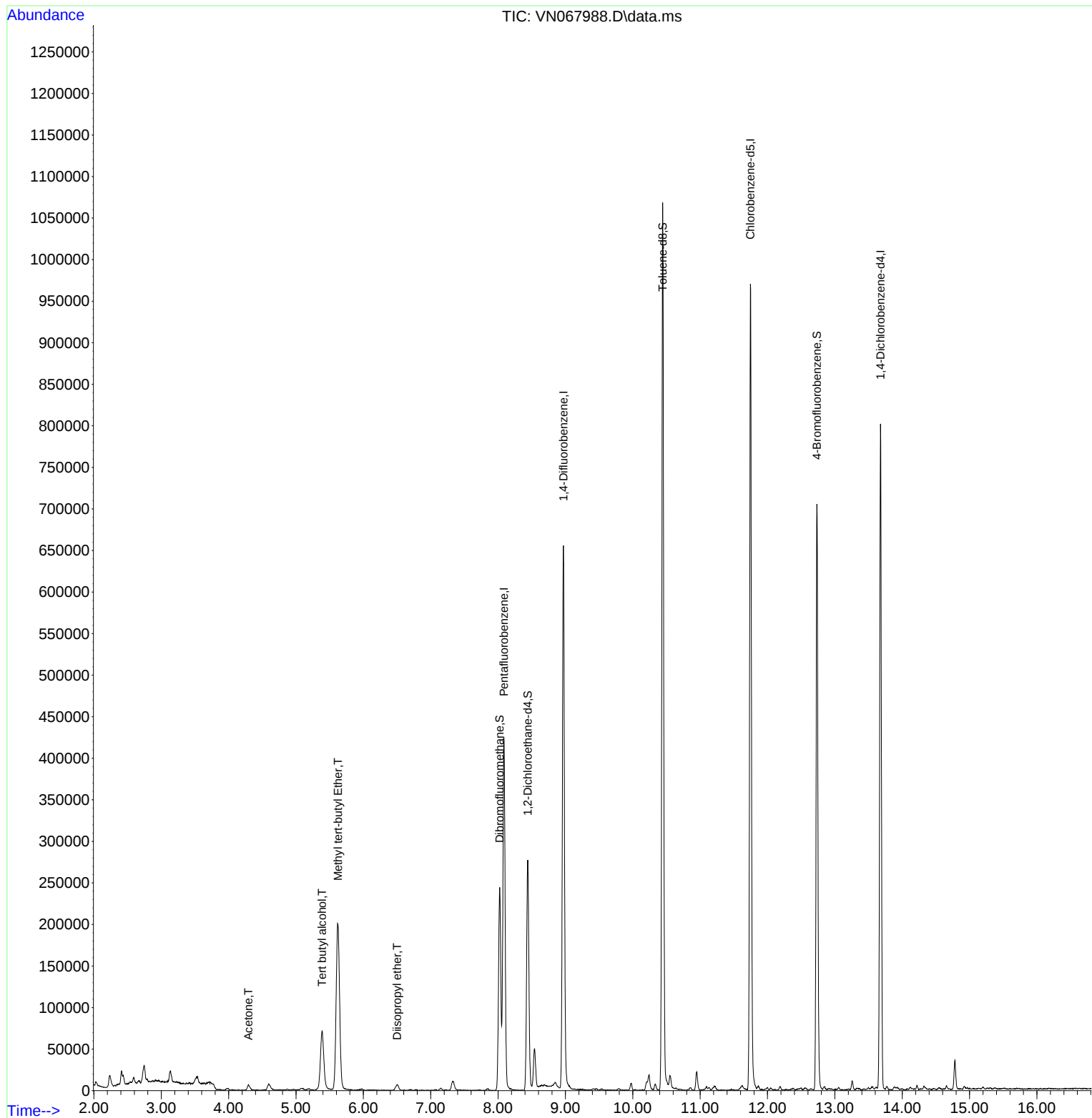
Internal Standards						
1) Pentafluorobenzene	8.088	168	301090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	577945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	556431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	209543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	236671	55.525	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.040%
35) Dibromofluoromethane	8.024	113	180519	53.595	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.200%
50) Toluene-d8	10.443	98	739953	47.788	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.733	95	248001	44.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.460%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.388	59	123520	216.285	ug/l	# 88
16) Acetone	4.293	43	10903	7.010	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	333643	31.131	ug/l	100
22) Diisopropyl ether	6.501	45	7359	0.684	ug/l	# 96

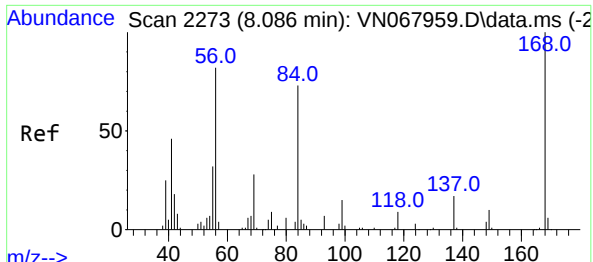
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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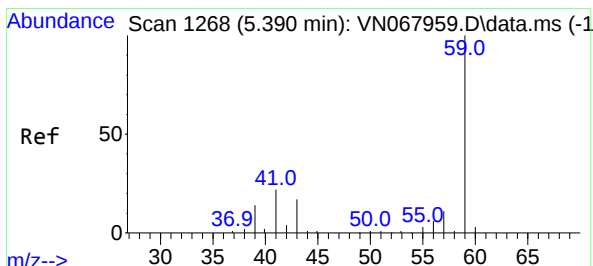
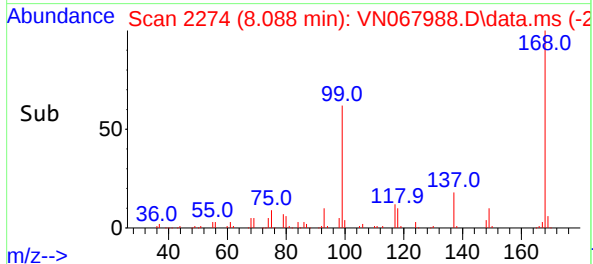
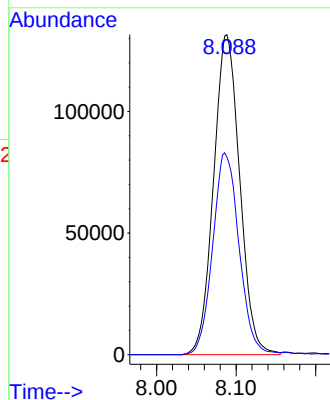
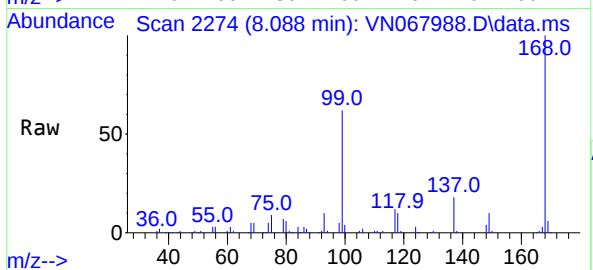




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

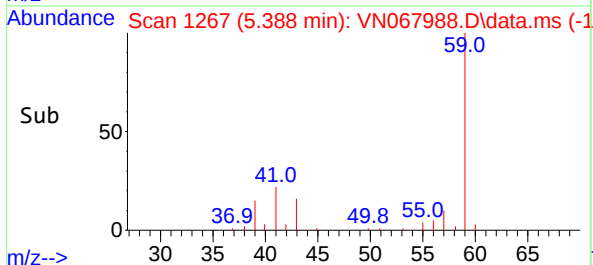
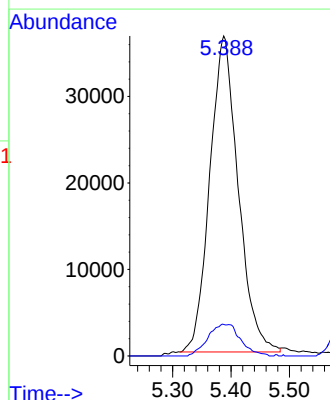
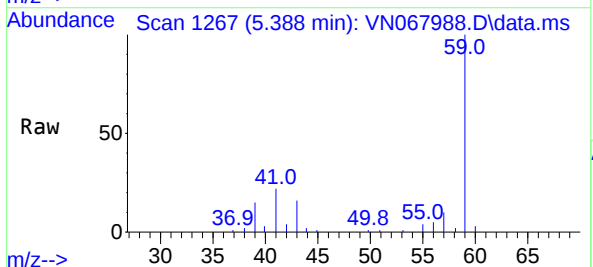
Instrument :
MSVOA_N
ClientSampleId :
MW-4

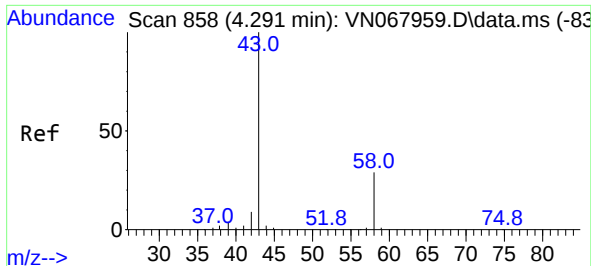
Tgt Ion:168 Resp: 301090
Ion Ratio Lower Upper
168 100
99 61.7 62.9 94.3#



#11
Tert butyl alcohol
Concen: 216.285 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.002 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion: 59 Resp: 123520
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1#

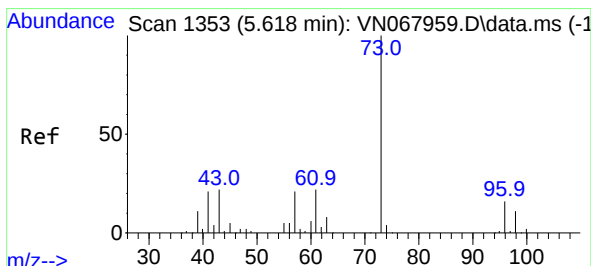
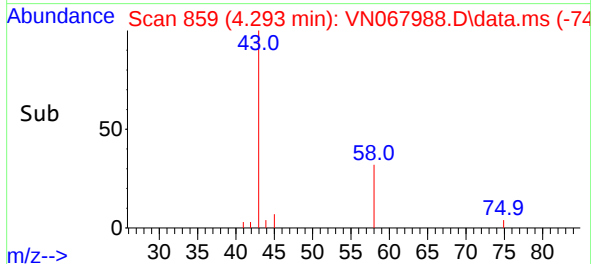
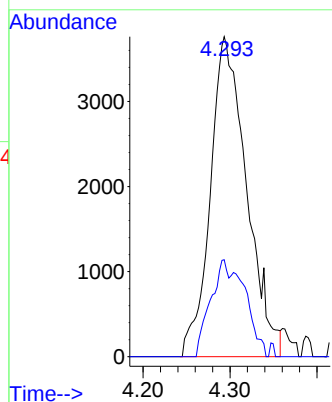
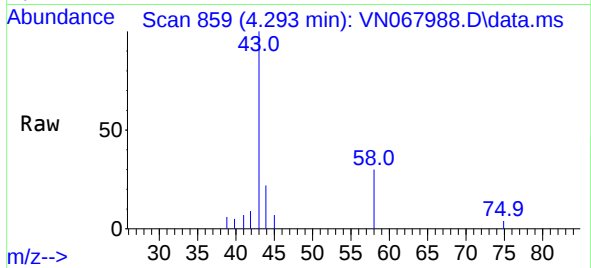




#16
Acetone
Concen: 7.010 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

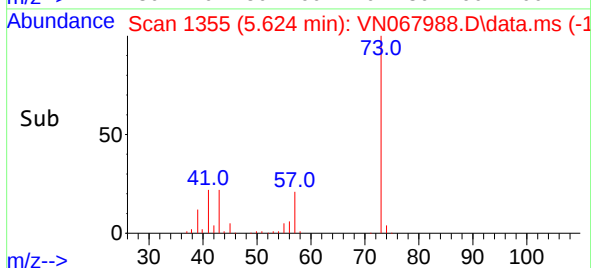
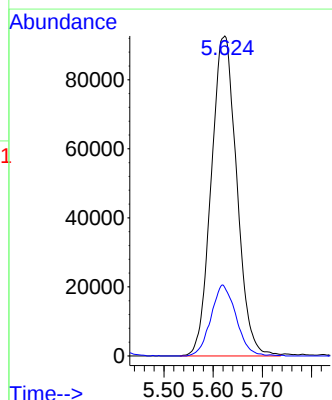
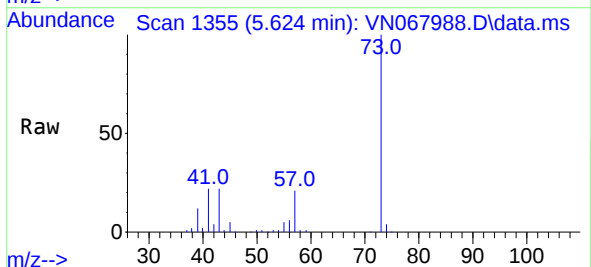
Instrument :
MSVOA_N
ClientSampled :
MW-4

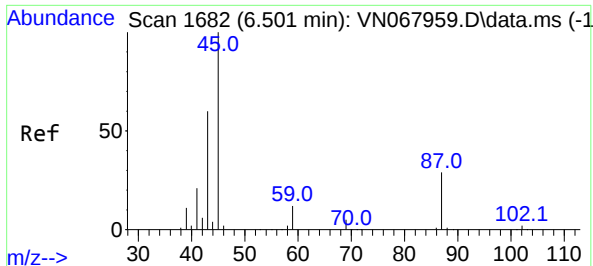
Tgt Ion: 43 Resp: 10903
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8



#19
Methyl tert-butyl Ether
Concen: 31.131 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion: 73 Resp: 333643
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6



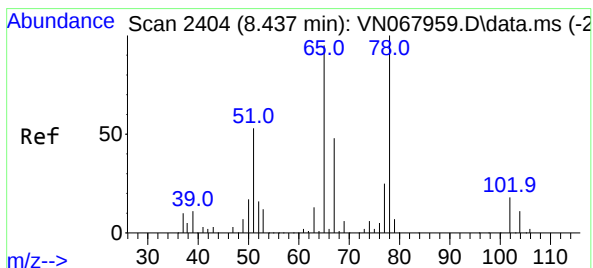
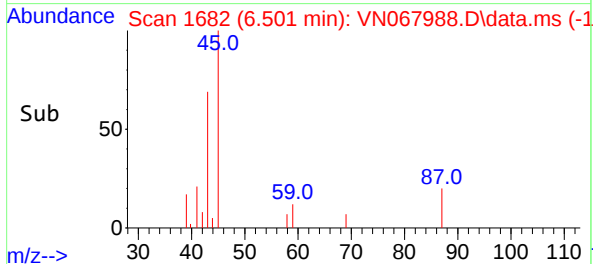
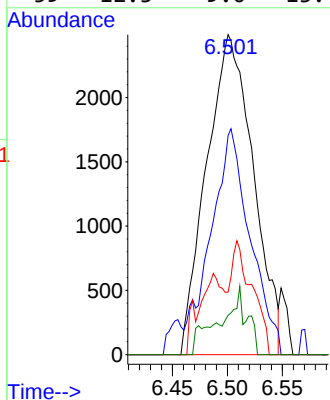
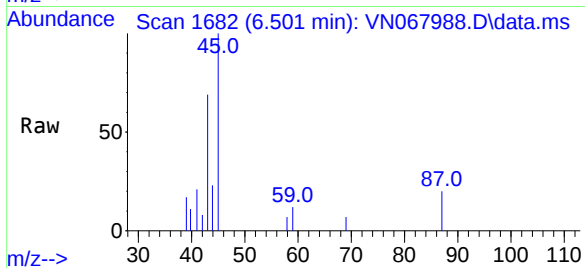


#22
Diisopropyl ether
Concen: 0.684 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tgt Ion: 45 Resp: 7359

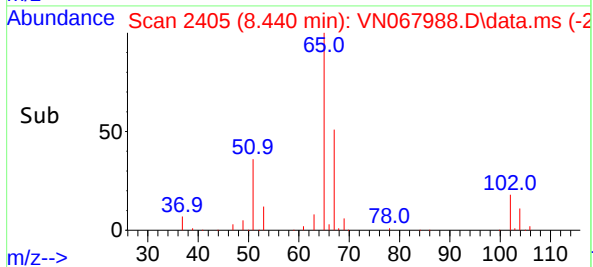
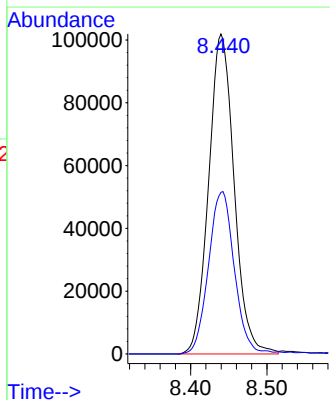
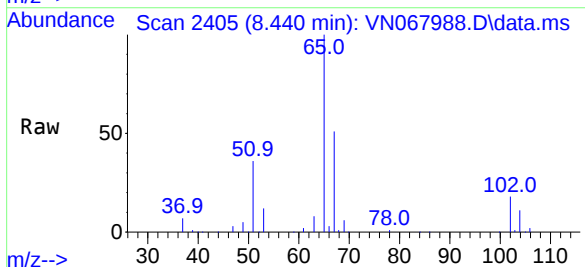
Ion	Ratio	Lower	Upper
45	100		
43	61.0	49.4	74.2
87	19.6	20.9	31.3#
59	12.3	9.0	13.4

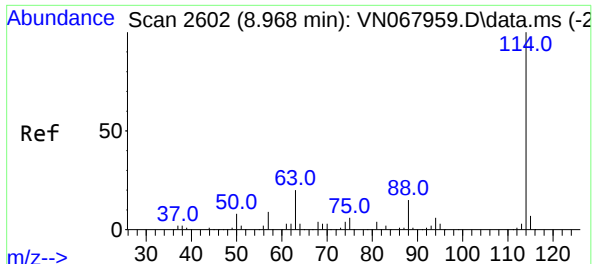


#33
1,2-Dichloroethane-d4
Concen: 55.525 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion: 65 Resp: 236671

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	98.6



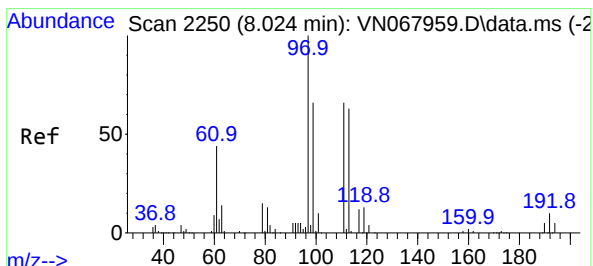
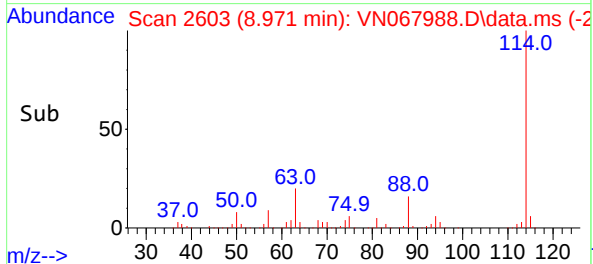
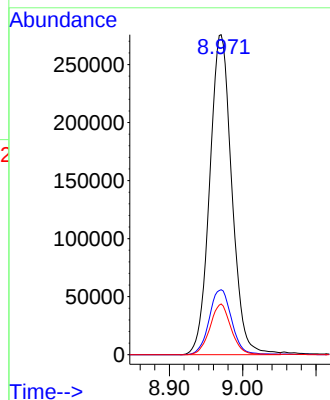
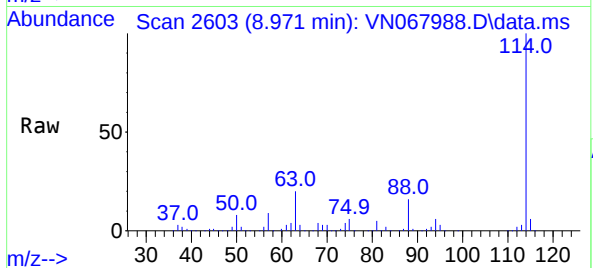


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Instrument :
MSVOA_N
ClientSampled :
MW-4

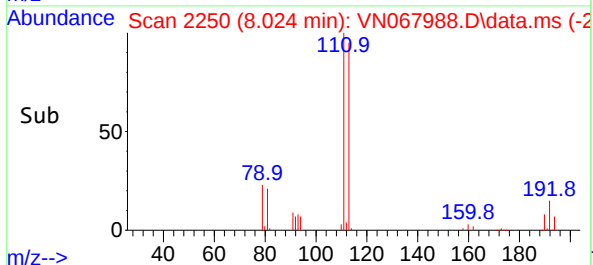
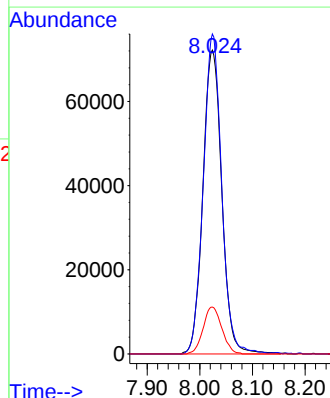
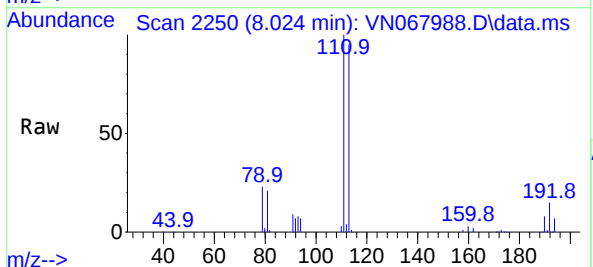
Tgt Ion:114 Resp: 577945
Ion Ratio Lower Upper
114 100
63 20.3 0.0 49.0
88 15.8 0.0 36.6

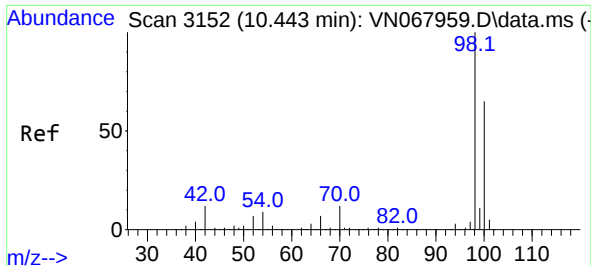


#35

Dibromofluoromethane
Concen: 53.595 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion:113 Resp: 180519
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.8
192 15.2 13.4 20.0

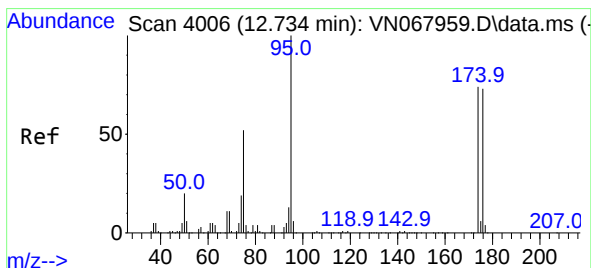
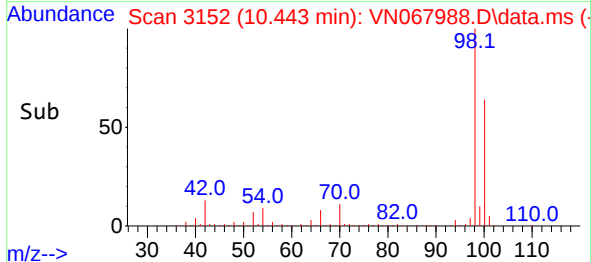
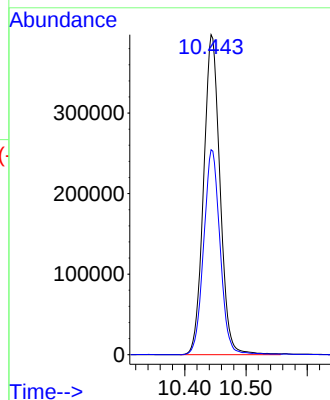
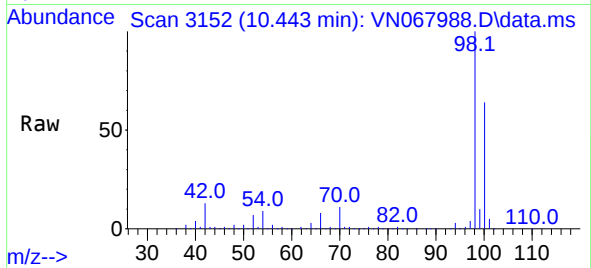




#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

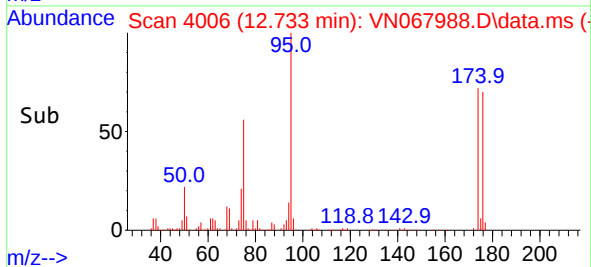
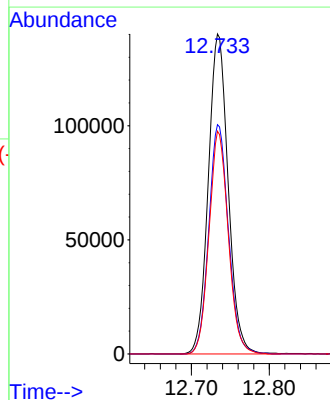
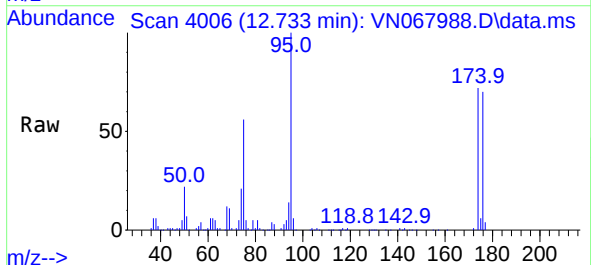
Instrument :
MSVOA_N
ClientSampled :
MW-4

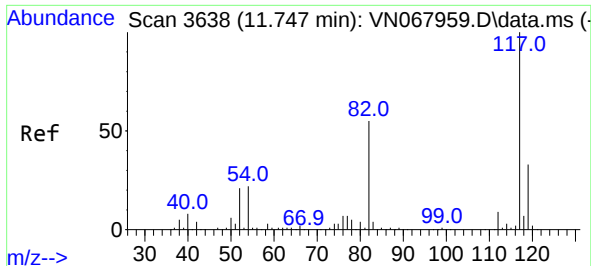
Tgt Ion: 98 Resp: 739953
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.226 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion: 95 Resp: 248001
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 67.6 0.0 117.6

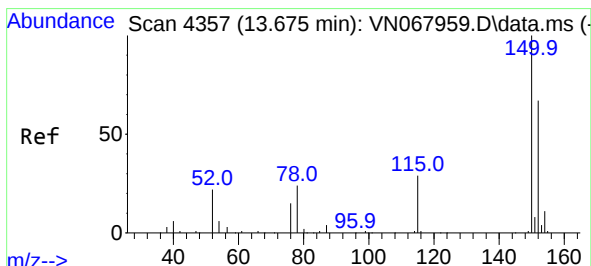
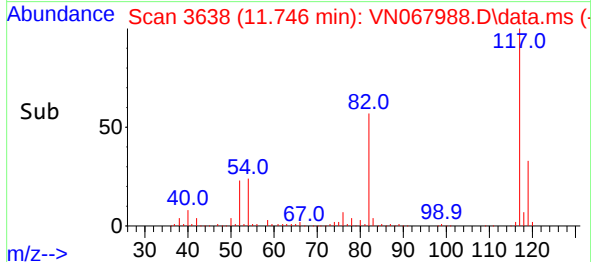
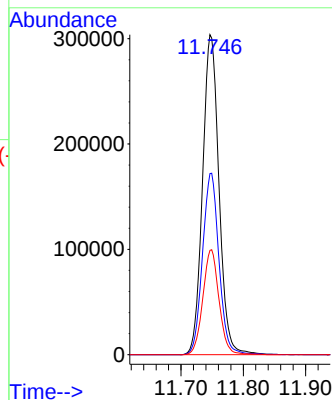
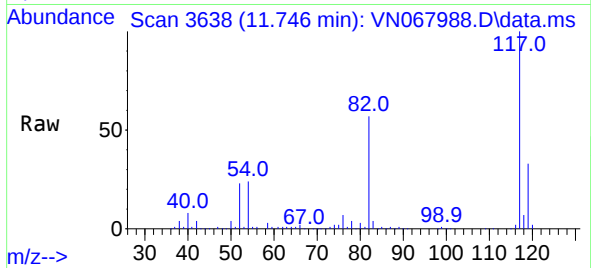




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tgt Ion:117 Resp: 556431
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067988.D
Acq: 3 Aug 2021 17:49

Tgt Ion:152 Resp: 209543
Ion Ratio Lower Upper
152 100
115 62.5 36.1 108.5
150 156.1 0.0 351.8

