

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062253.D
 Acq On : 30 Jun 2020 20:40
 Operator : JC/MD
 Sample : L3170-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Jul 01 05:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

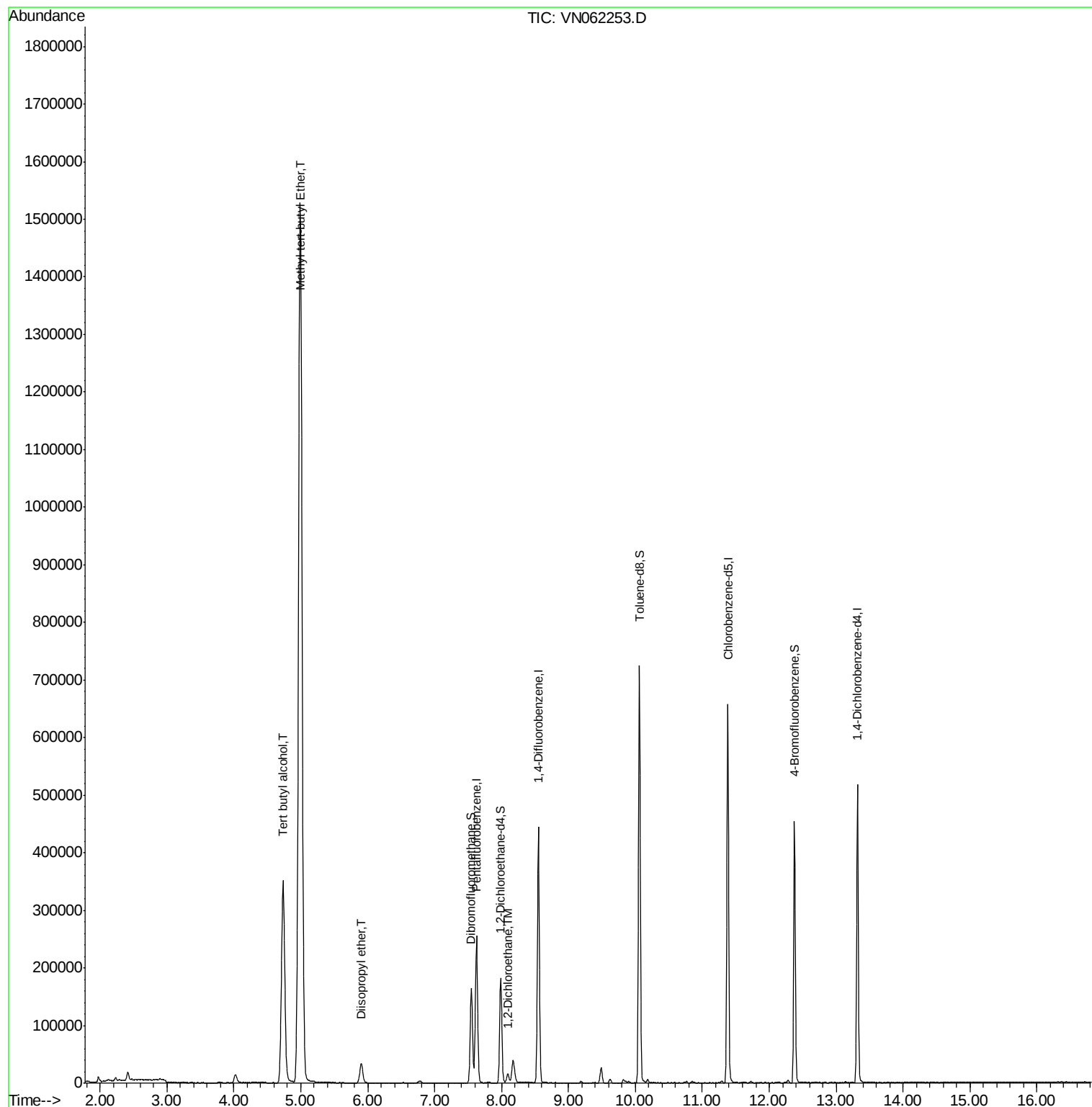
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	198268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151891	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	7.55	113	126656	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.06	98	501120	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	159676	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	655946	1641.975	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	2800913	385.022	ug/l	98
22) Diisopropyl ether	5.91	45	40855	5.789	ug/l	93
42) 1,2-Dichloroethane	8.09	62	3089	0.762	ug/l	85

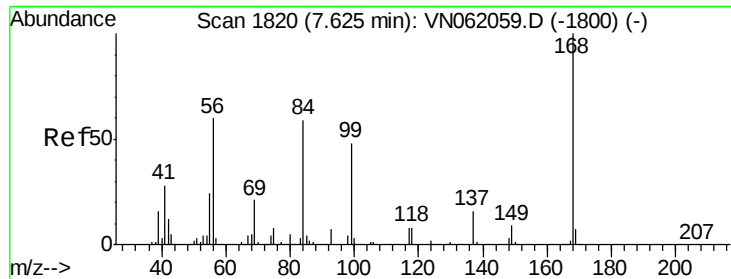
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062253.D
Acq On : 30 Jun 2020 20:40
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Quant Time: Jul 01 05:30:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062253.D

Acq: 30 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

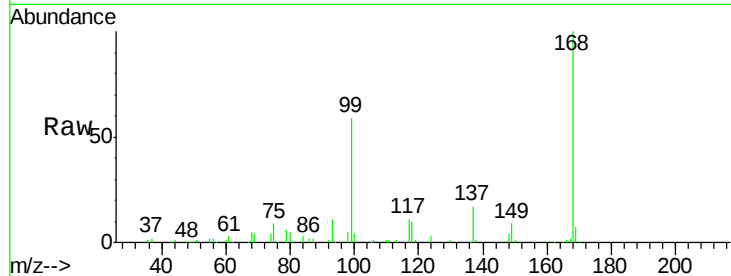
MW-7

Tot Ion:168 Resp: 198268

Ion Ratio Lower Upper

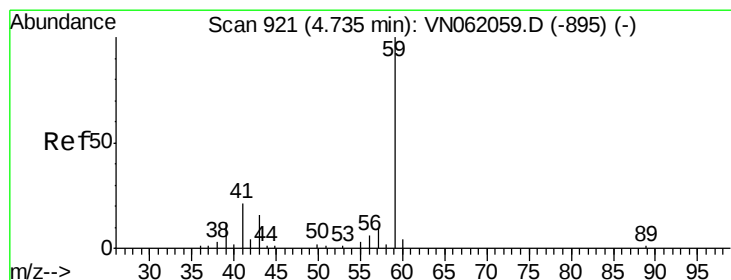
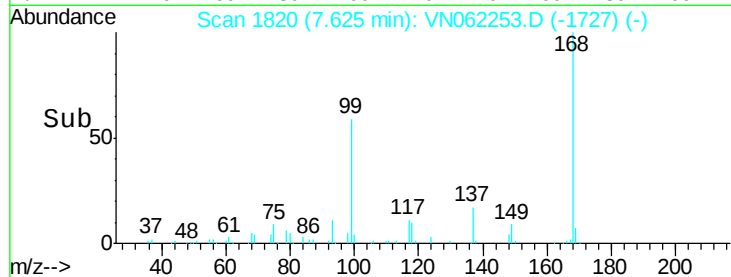
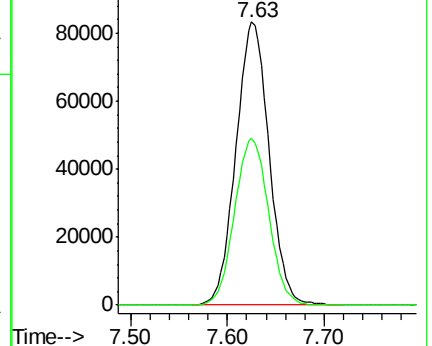
168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 1641.975 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062253.D

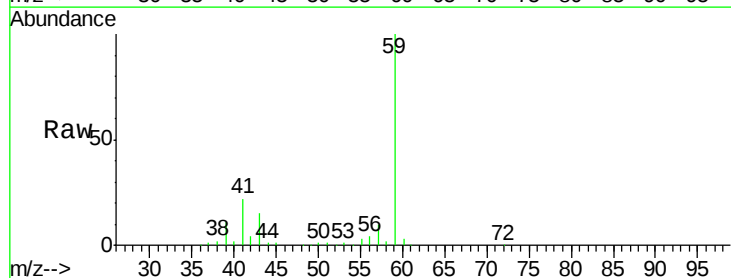
Acq: 30 Jun 2020 20:40

Tgt Ion: 59 Resp: 655946

Ion Ratio Lower Upper

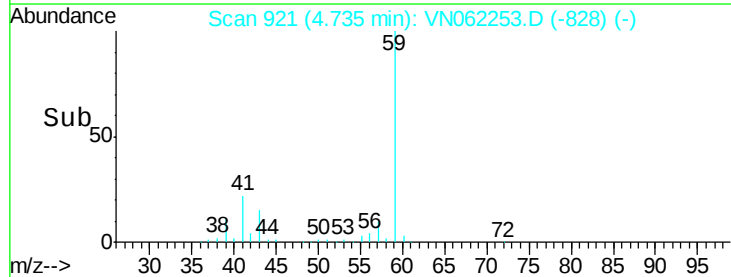
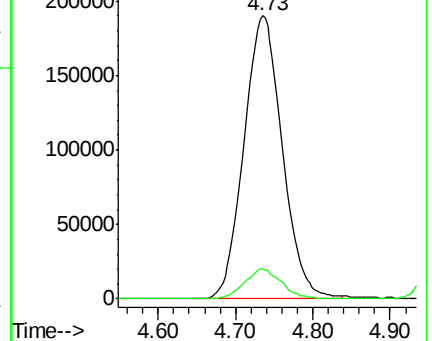
59 100

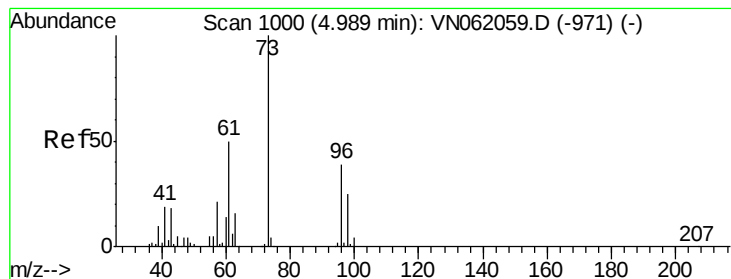
57 10.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO



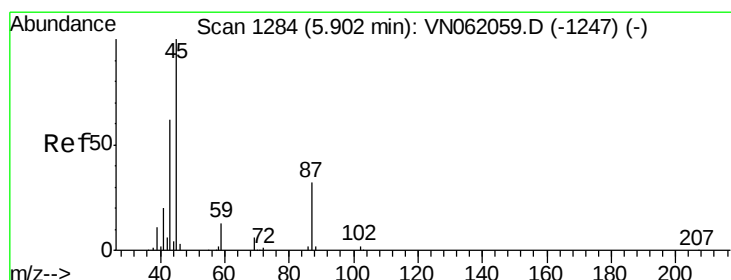
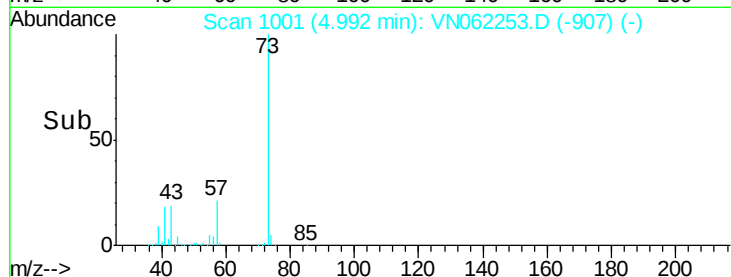
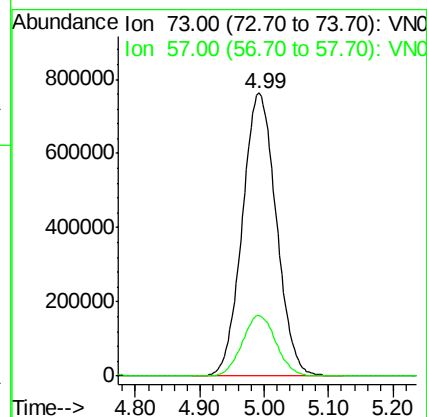
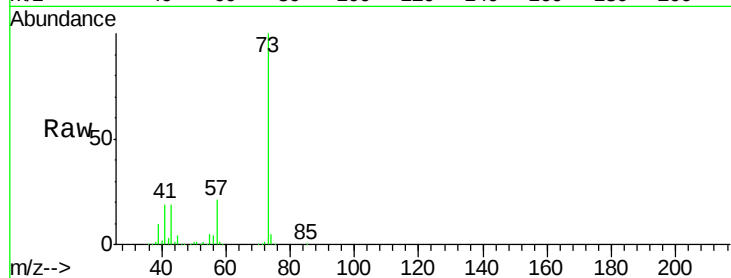


#19

Methvl tert-butvl Ether
 Concen: 385.022 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

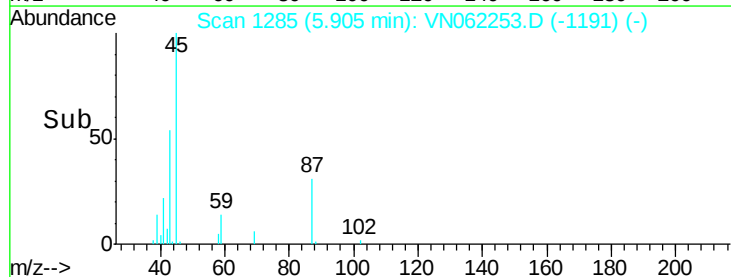
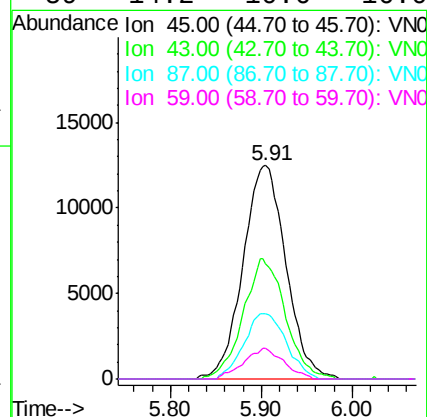
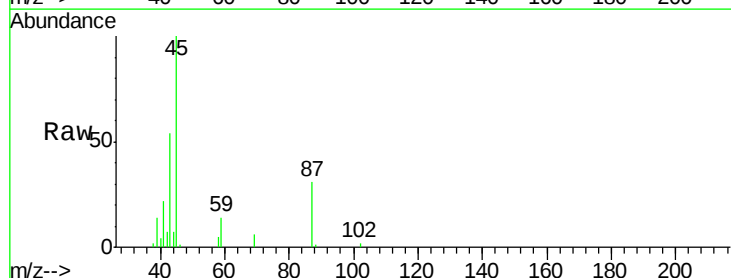
Tot Ion: 73 Resp: 2800913
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.6 24.8

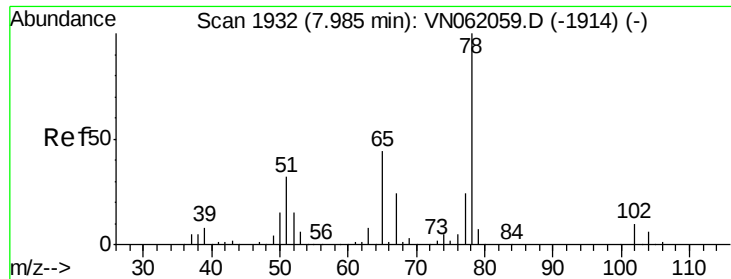


#22

Diisopropyl ether
 Concen: 5.789 ug/l
 RT: 5.91 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

Tgt Ion: 45 Resp: 40855
 Ion Ratio Lower Upper
 45 100
 43 54.1 49.7 74.5
 87 30.6 25.9 38.9
 59 14.2 10.6 16.0

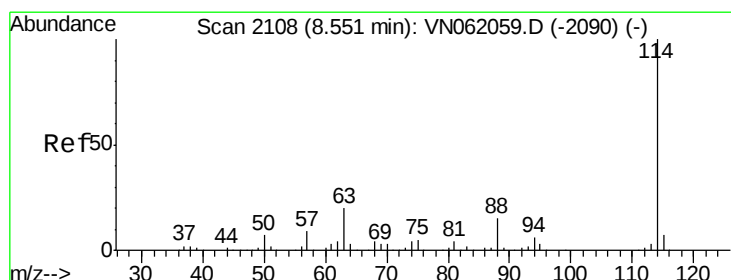
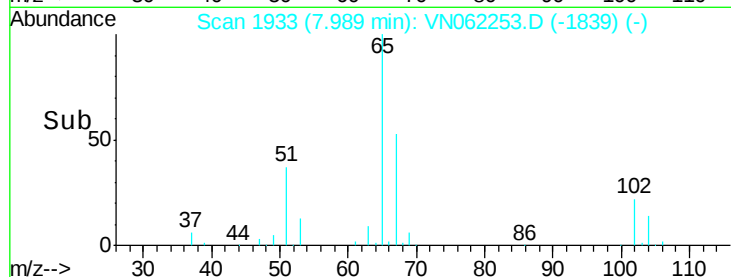
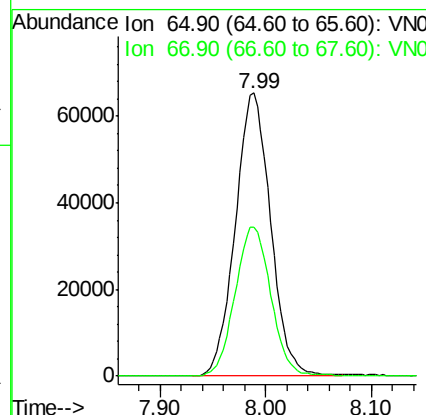
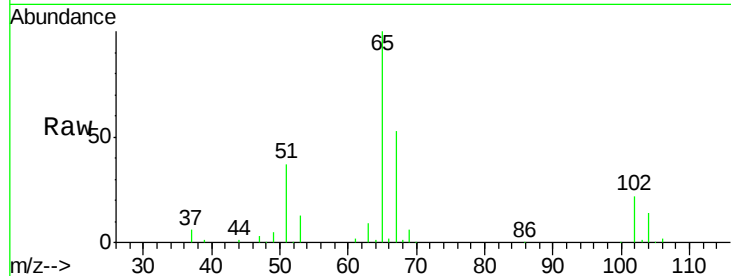




#33
 1,2-Dichloroethane-d4
 Concen: 54.591 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

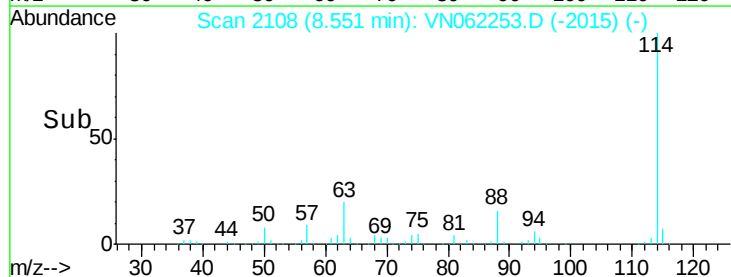
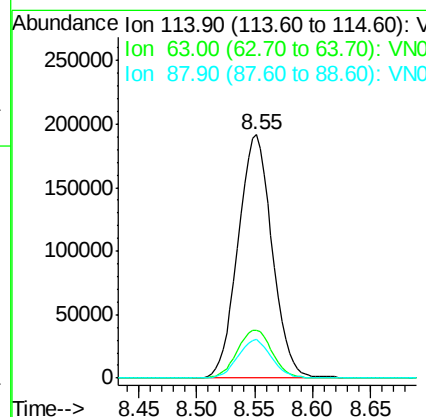
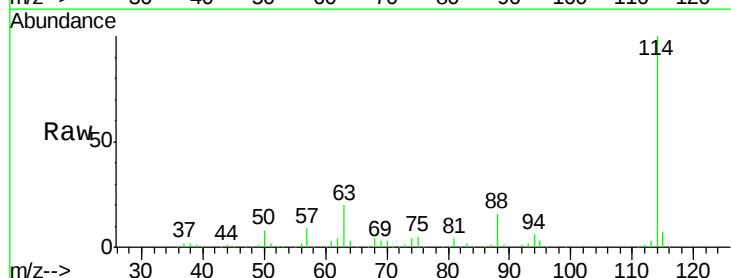
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

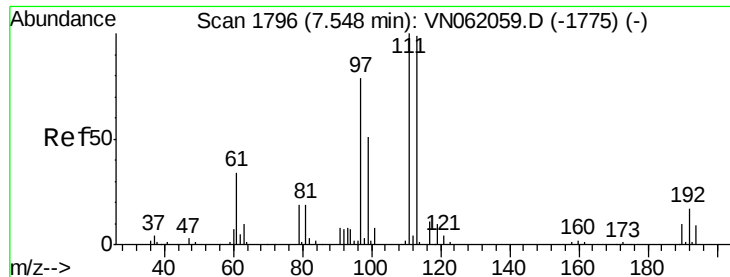
Tot Ion: 65 Resp: 151891
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

Tgt Ion: 114 Resp: 391396
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.7 0.0 30.8

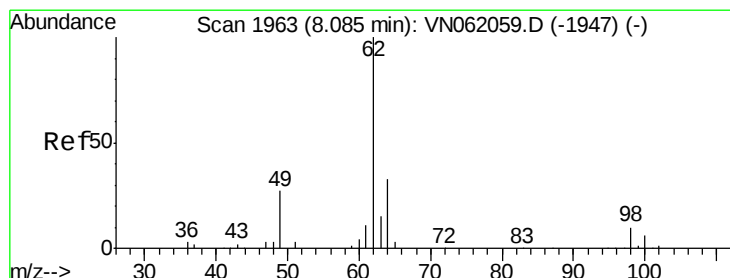
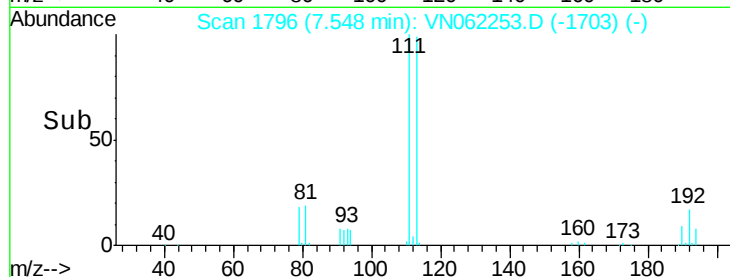
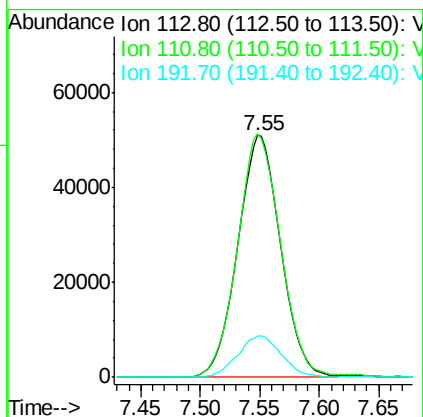
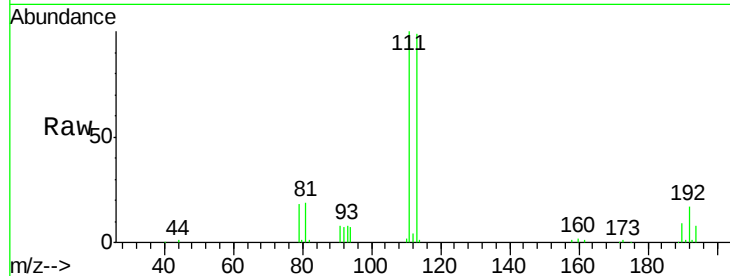




#35
 Dibromofluoromethane
 Concen: 50.441 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

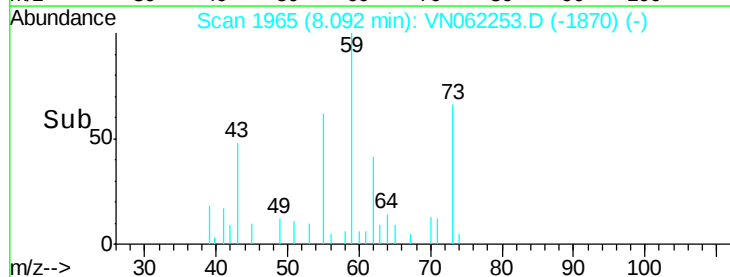
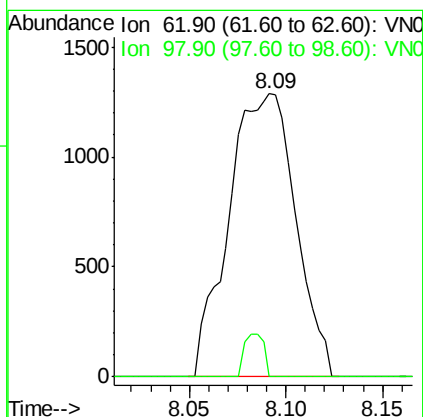
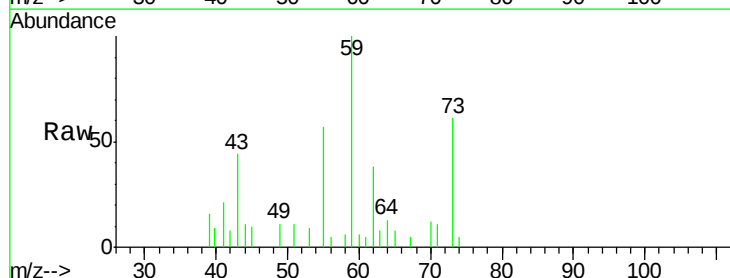
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

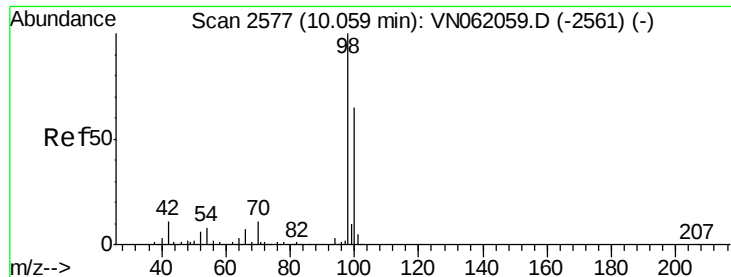
Tot Ion:113 Resp: 126656
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 17.5 14.0 21.0



#42
 1,2-Dichloroethane
 Concen: 0.762 ug/l
 RT: 8.09 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: VN062253.D
 Acq: 30 Jun 2020 20:40

Tgt Ion: 62 Resp: 3089
 Ion Ratio Lower Upper
 62 100
 98 4.4 0.0 19.8





#50

Toluene-d8

Concen: 49.926 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062253.D

Acq: 30 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampled :

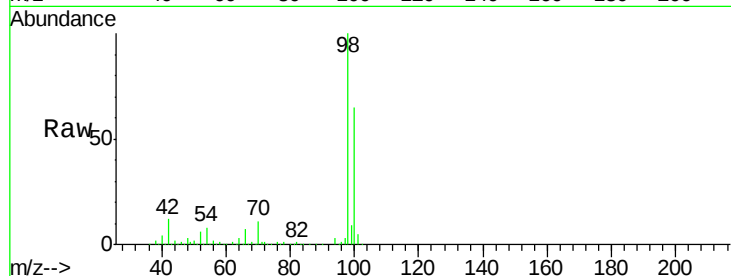
MW-7

Tot Ion: 98 Resp: 501120

Ion Ratio Lower Upper

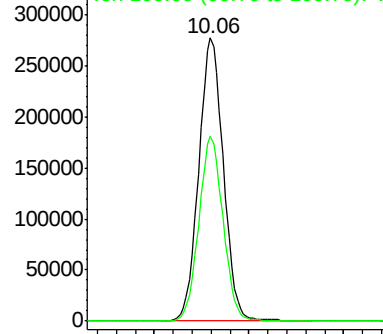
98 100

100 64.3 51.2 76.8

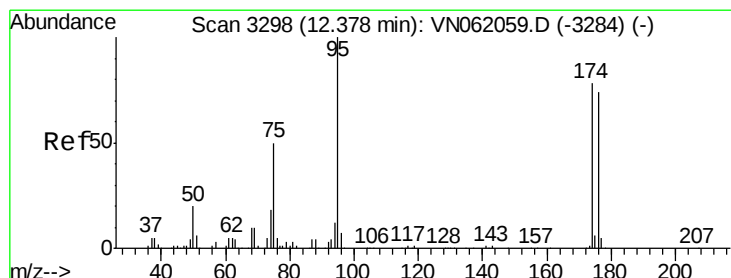
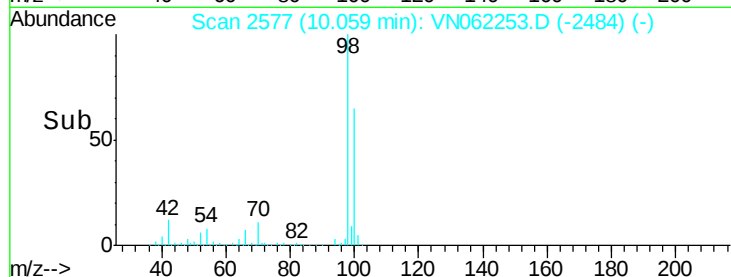


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 47.086 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062253.D

Acq: 30 Jun 2020 20:40

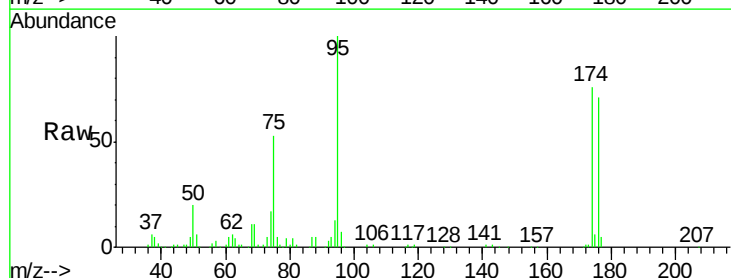
Tgt Ion: 95 Resp: 159676

Ion Ratio Lower Upper

95 100

174 74.4 0.0 154.8

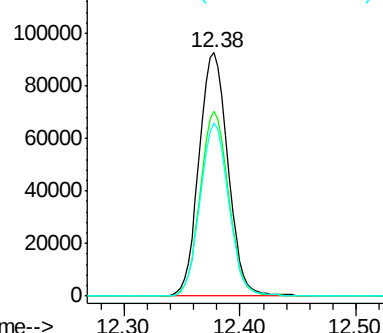
176 70.2 0.0 147.4



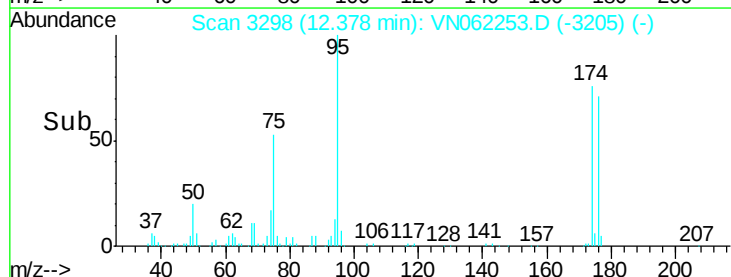
Abundance Ion 94.90 (94.60 to 95.60): VN0

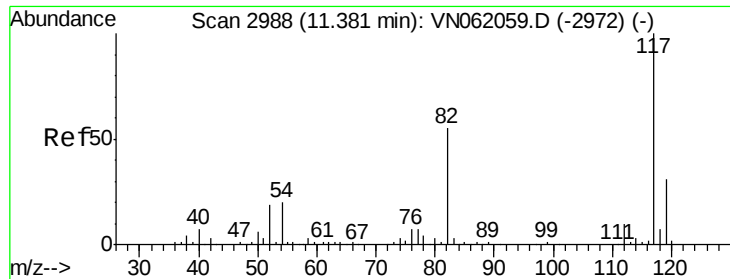
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062253.D

Acq: 30 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

MW-7

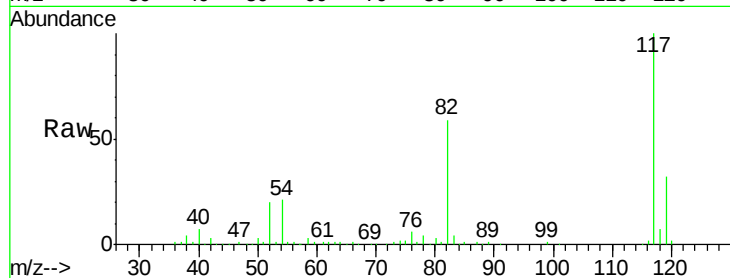
Tot Ion:117 Resp: 377837

Ion Ratio Lower Upper

117 100

82 59.1 43.8 65.8

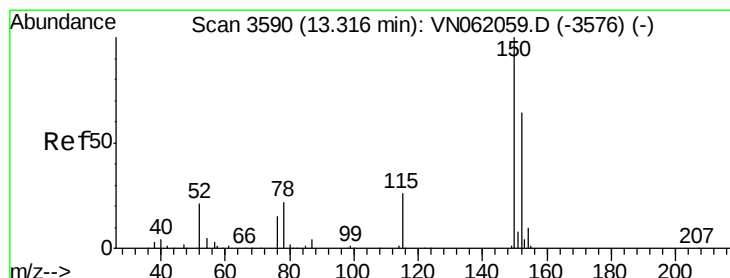
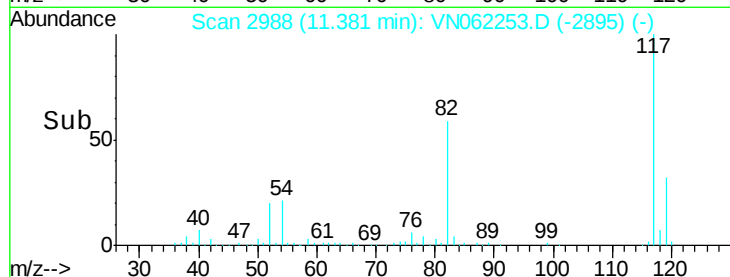
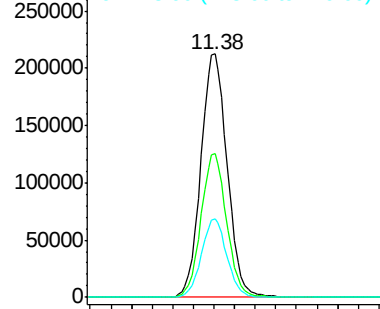
119 32.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062253.D

Acq: 30 Jun 2020 20:40

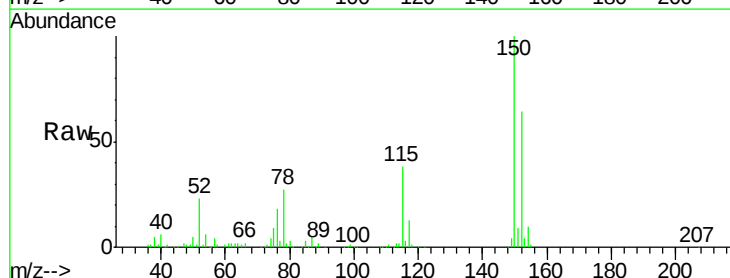
Tgt Ion:152 Resp: 133870

Ion Ratio Lower Upper

152 100

115 60.4 29.5 88.5

150 158.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

