

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062287.D
 Acq On : 1 Jul 2020 13:14
 Operator : JC/MD
 Sample : L3170-06DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Quant Time: Jul 02 07:06:27 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

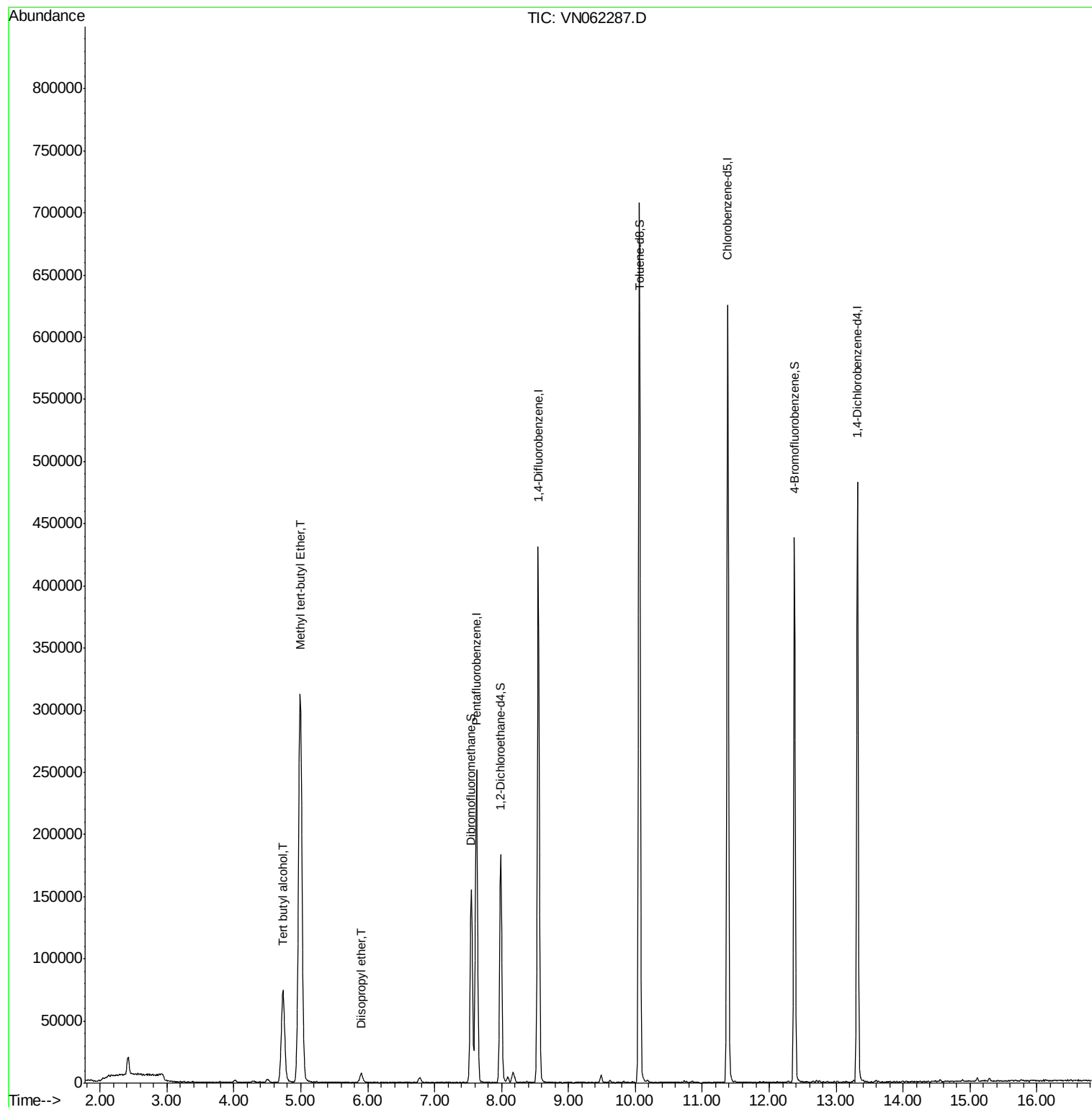
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	376805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	358279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	153769	57.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.52%	
35) Dibromofluoromethane	7.55	113	120781	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	10.06	98	485589	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	153958	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	136038	352.850	ug/l	Qvalue 100
19) Methyl tert-butyl Ether	4.99	73	555353	79.102	ug/l	99
22) Diisopropyl ether	5.90	45	8560	1.257	ug/l #	97

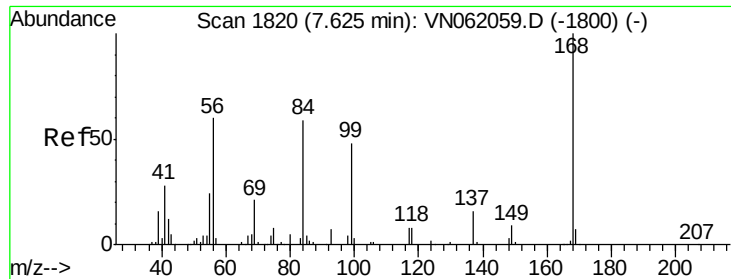
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jul 02 07:06:27 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: VN062287.D

Acq: 1 Jul 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

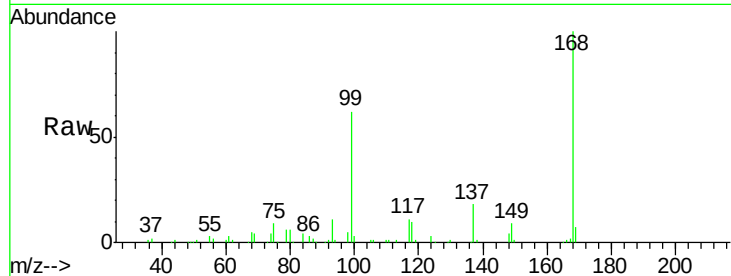
MW-7DL

Tot Ion:168 Resp: 191347

Ion Ratio Lower Upper

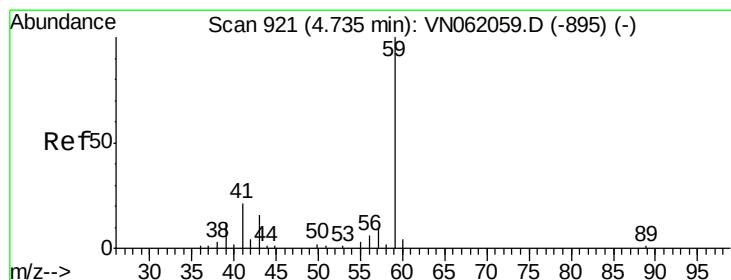
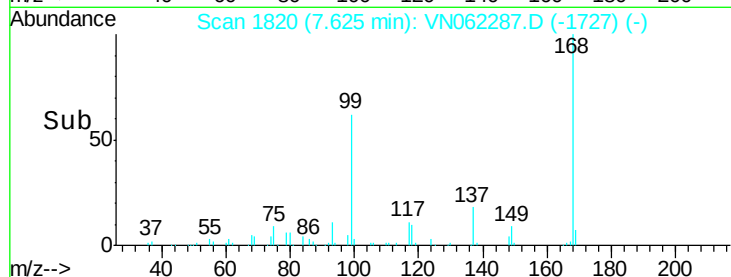
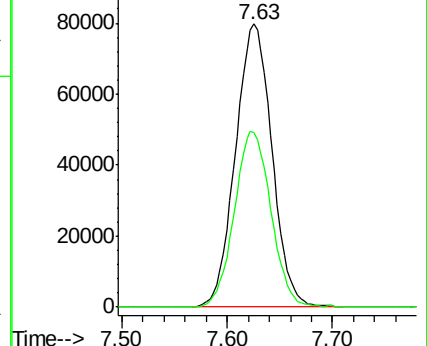
168 100

99 61.6 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: 352.850 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062287.D

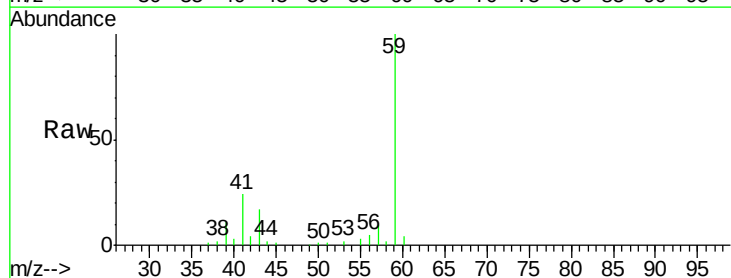
Acq: 1 Jul 2020 13:14

Tgt Ion: 59 Resp: 136038

Ion Ratio Lower Upper

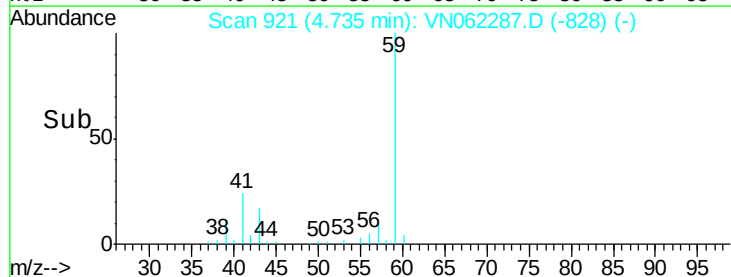
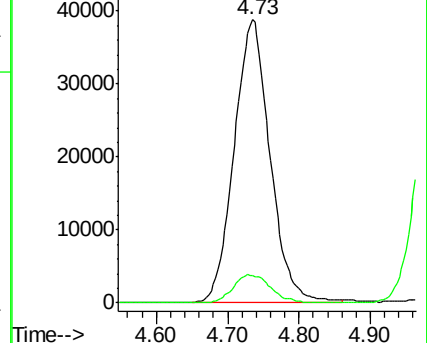
59 100

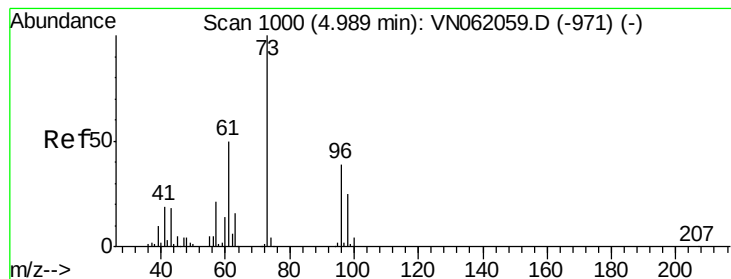
57 10.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO



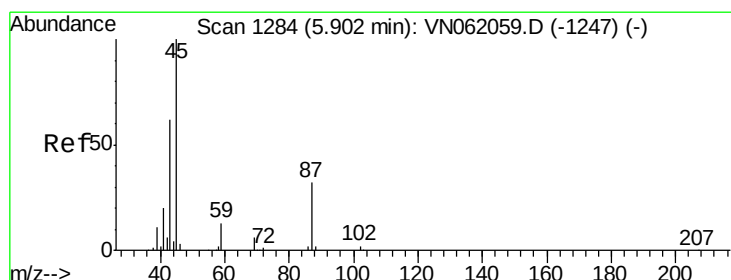
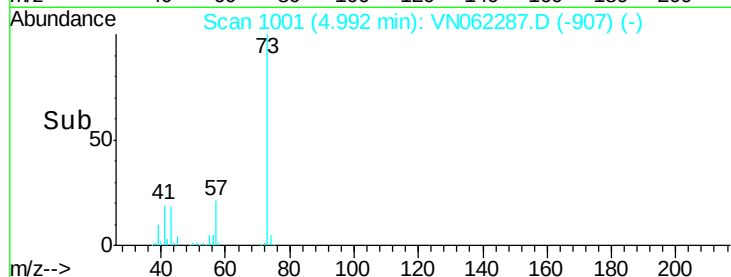
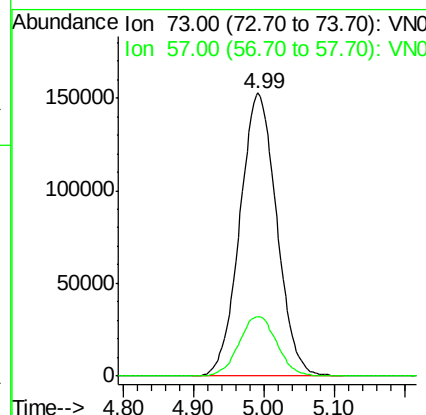
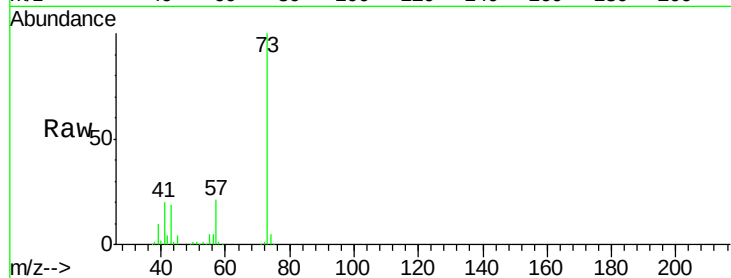


#19

Methyl tert-butyl Ether
 Concen: 79.102 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062287.D
 Acq: 1 Jul 2020 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7DL

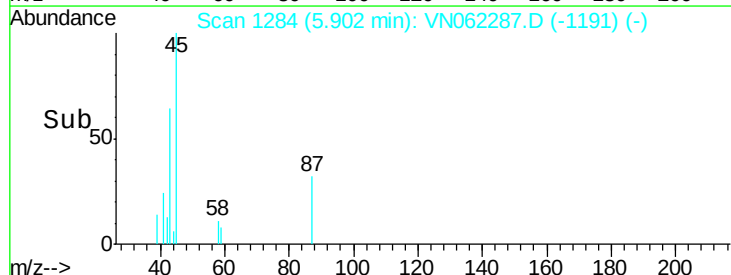
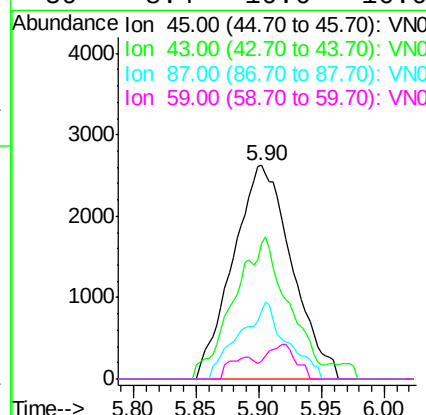
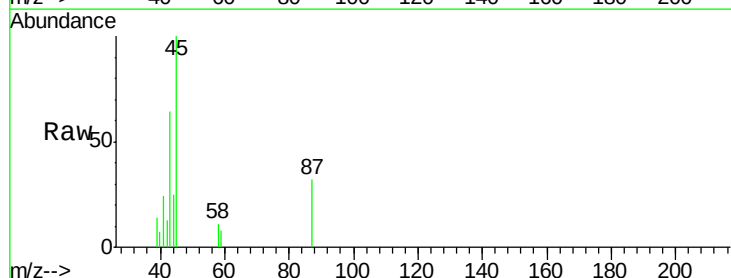
Tot Ion: 73 Resp: 555353
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.6 24.8

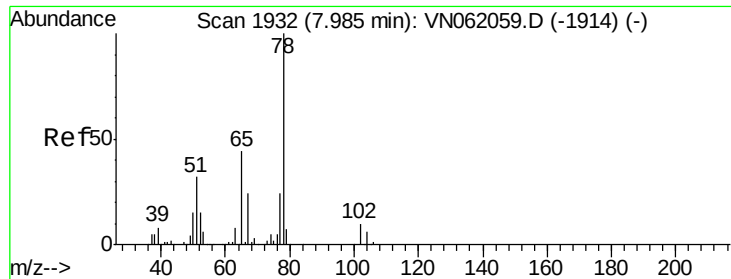


#22

Diisopropyl ether
 Concen: 1.257 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VN062287.D
 Acq: 1 Jul 2020 13:14

Tgt Ion: 45 Resp: 8560
 Ion Ratio Lower Upper
 45 100
 43 63.6 49.7 74.5
 87 32.0 25.9 38.9
 59 8.4 10.6 16.0#

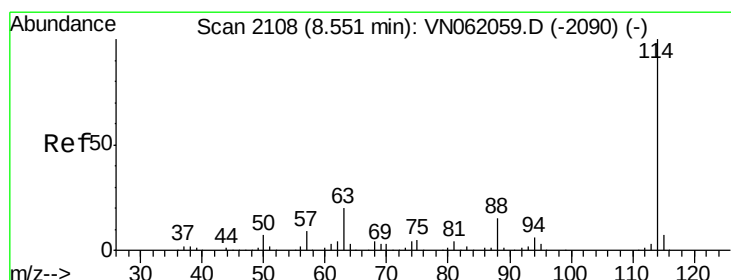
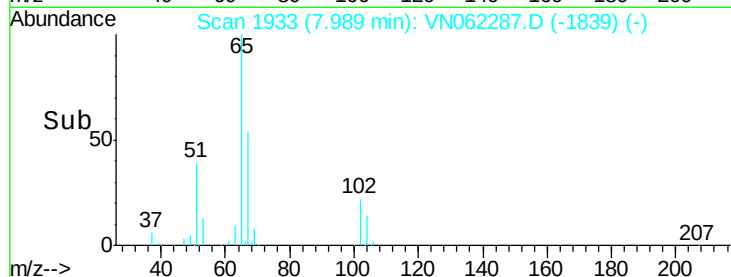
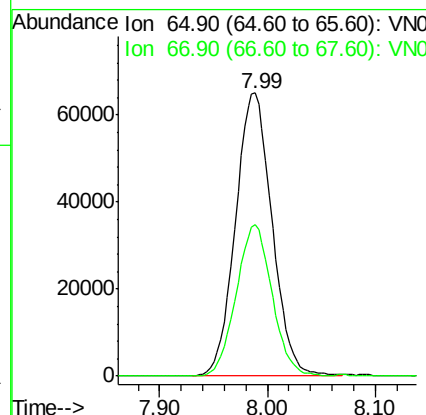
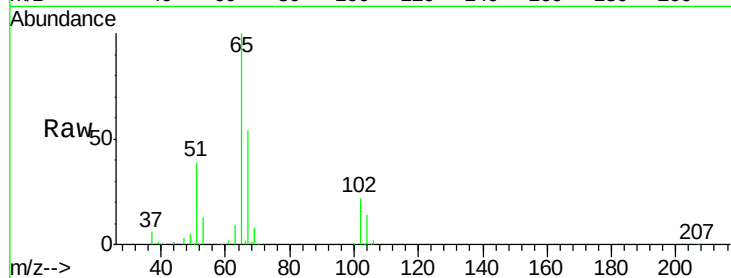




#33
 1,2-Dichloroethane-d4
 Concen: 57.265 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062287.D
 Acq: 1 Jul 2020 13:14

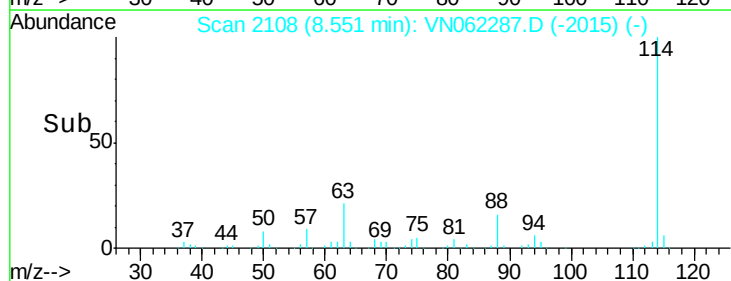
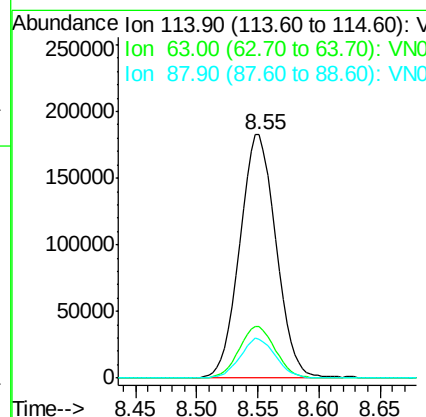
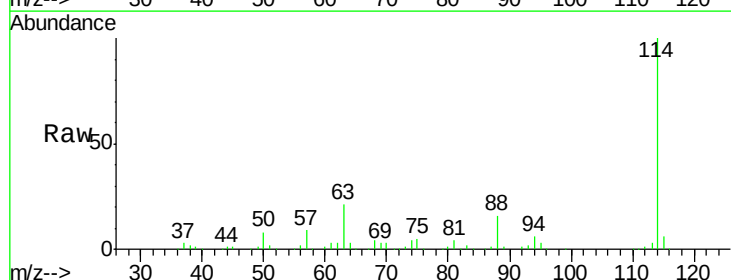
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7DL

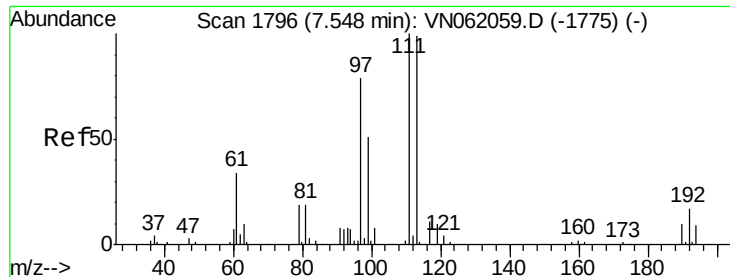
Tot Ion: 65 Resp: 153769
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062287.D
 Acq: 1 Jul 2020 13:14

Tgt Ion: 114 Resp: 376805
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 16.1 0.0 30.8

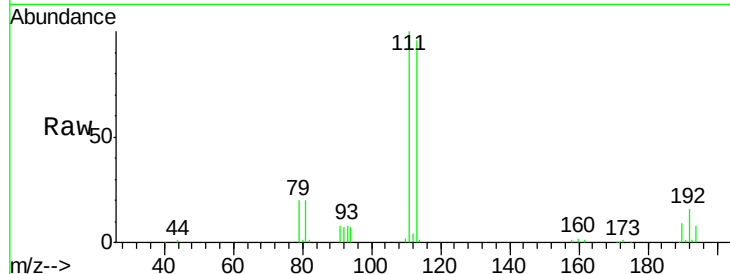




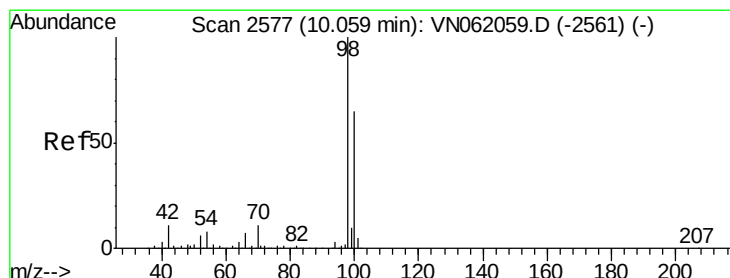
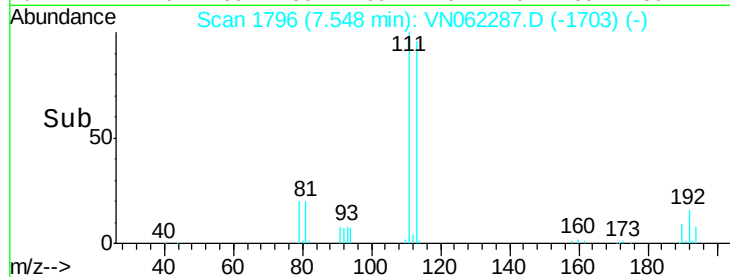
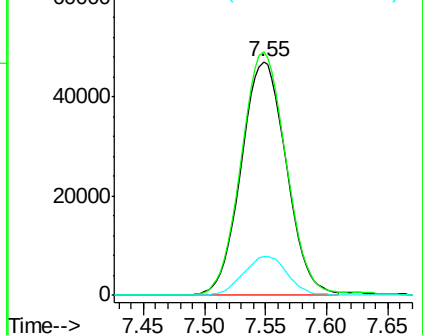
#35
Dibromofluoromethane
Concen: 49.964 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062287.D
Acq: 1 Jul 2020 13:14

Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

Tot Ion:113 Resp: 120781
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.4 14.0 21.0

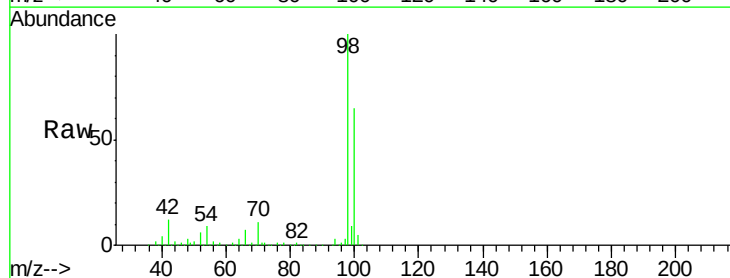


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

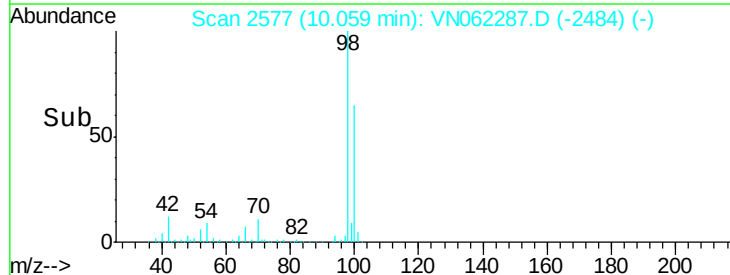
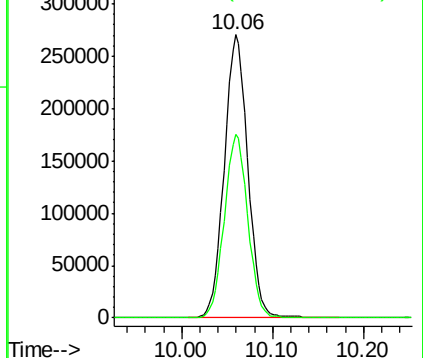


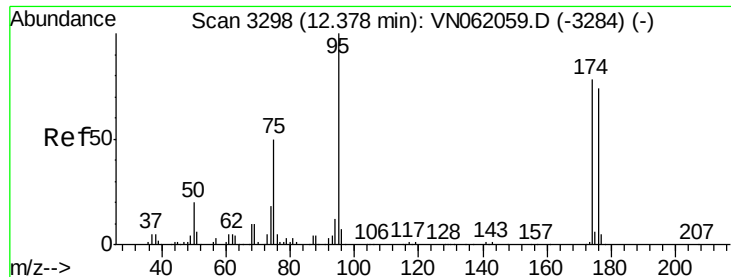
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062287.D
Acq: 1 Jul 2020 13:14

Tgt Ion: 98 Resp: 485589
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

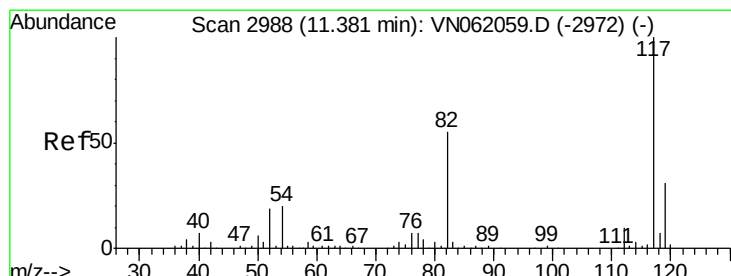
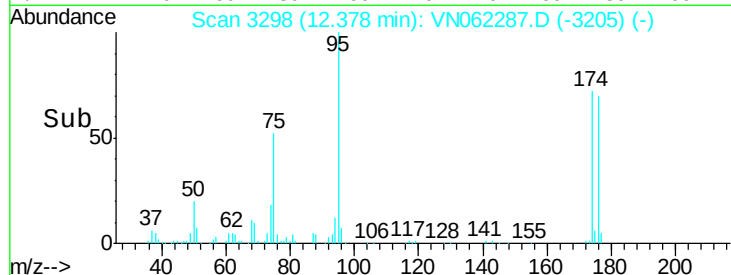
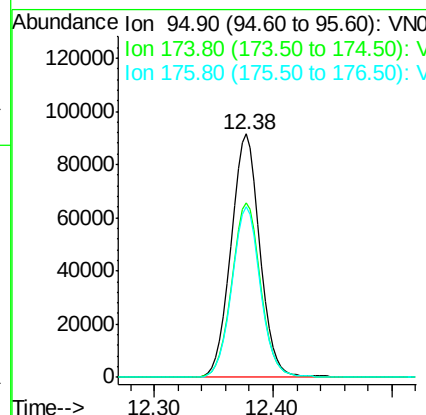
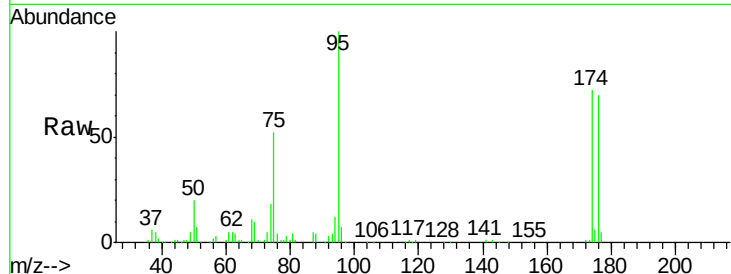




#62
4-Bromofluorobenzene
Concen: 47.158 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062287.D
Acq: 1 Jul 2020 13:14

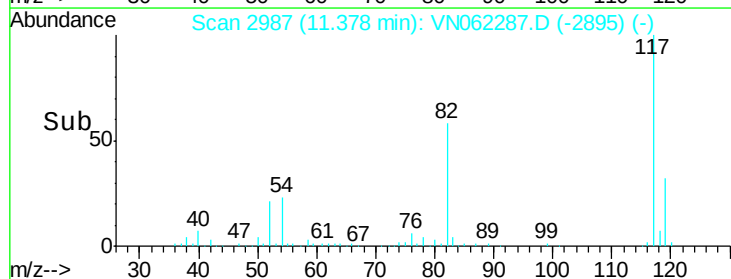
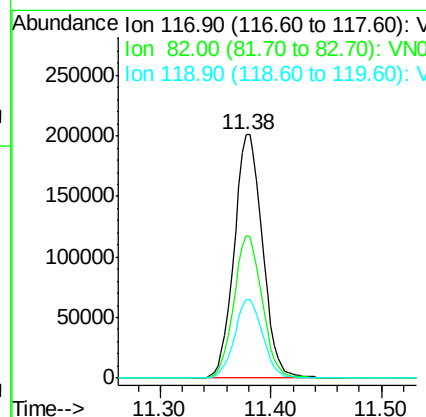
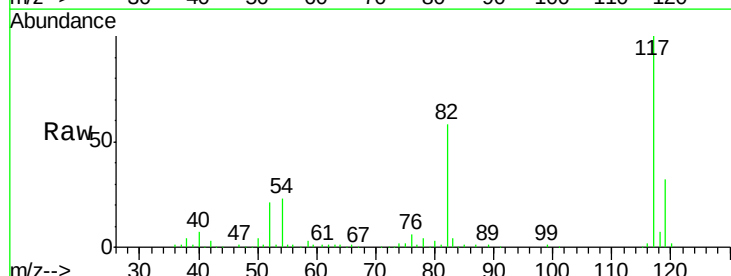
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

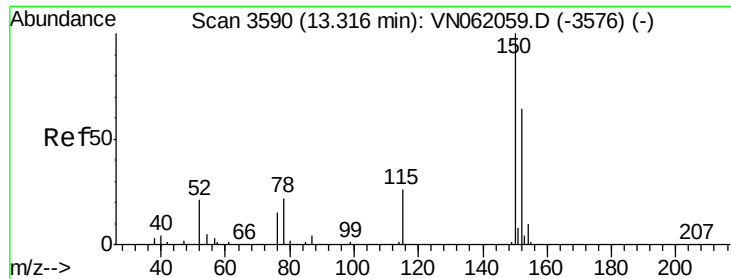
Tot Ion: 95 Resp: 153958
Ion Ratio Lower Upper
95 100
174 71.7 0.0 154.8
176 69.4 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062287.D
Acq: 1 Jul 2020 13:14

Tgt Ion: 117 Resp: 358279
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.8
119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062287.D

Acq: 1 Jul 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

MW-7DL

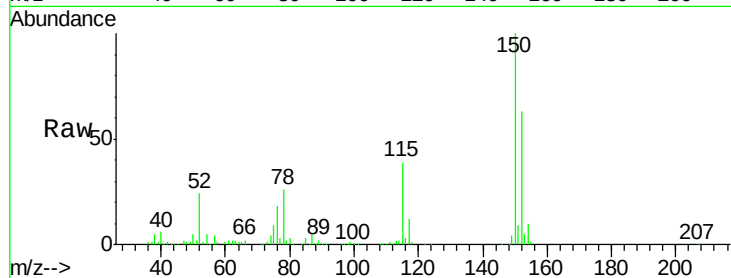
Tot Ion:152 Resp: 125148

Ion Ratio Lower Upper

152 100

115 61.9 29.5 88.5

150 161.3 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

