

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062250.D
 Acq On : 30 Jun 2020 19:28
 Operator : JC/MD
 Sample : L3170-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Jul 01 05:22:50 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

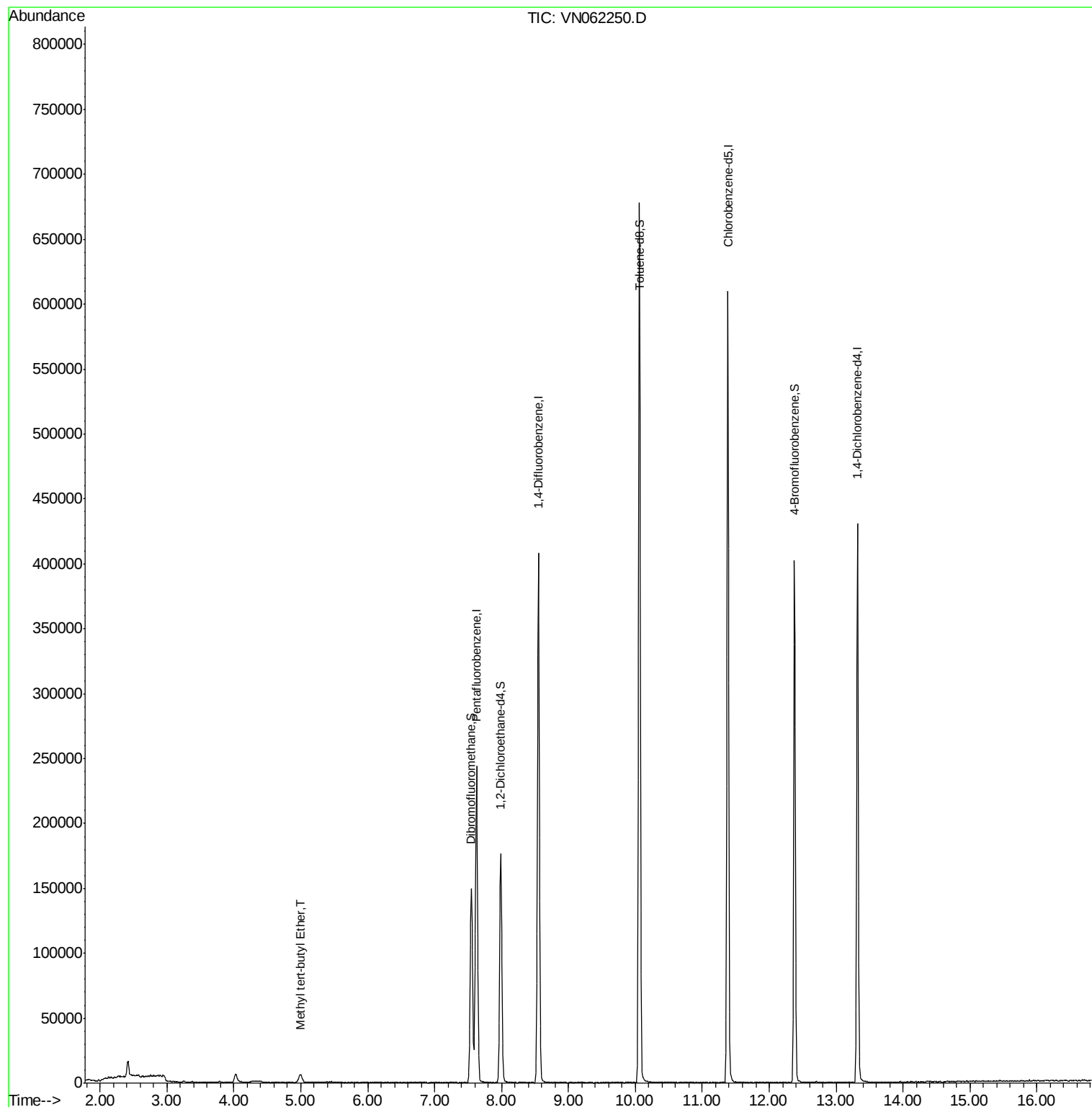
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	362878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	147478	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
35) Dibromofluoromethane	7.55	113	117939	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.06	98	463657	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	141772	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
19) Methyl tert-butyl Ether	4.99	73	10793	1.587	ug/l #	89

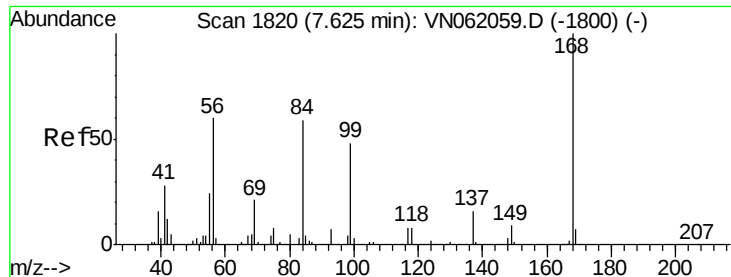
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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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: VN062250.D

Acq: 30 Jun 2020 19:28

Instrument :

MSVOA_N

ClientSampled :

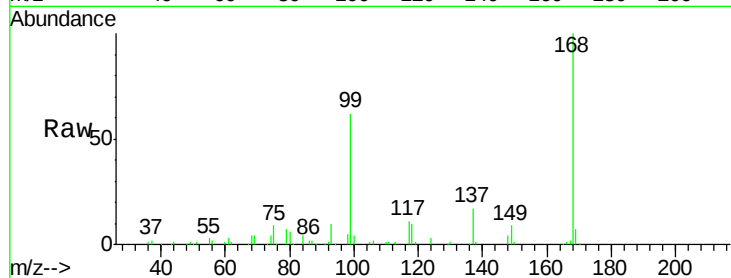
MW-5

Tot Ion:168 Resp: 185333

Ion Ratio Lower Upper

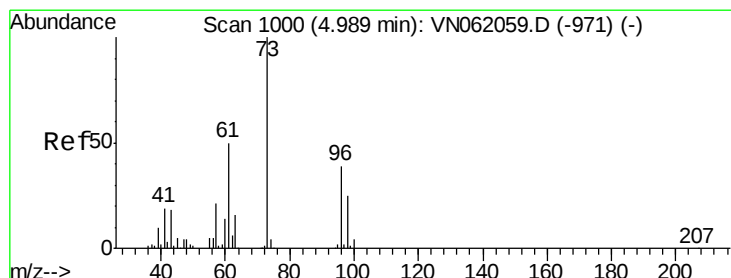
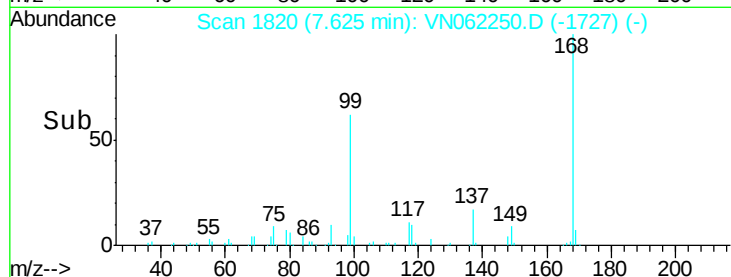
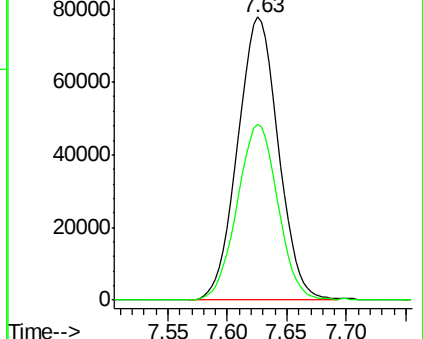
168 100

99 62.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#19

Methyl tert-butyl Ether

Concen: 1.587 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062250.D

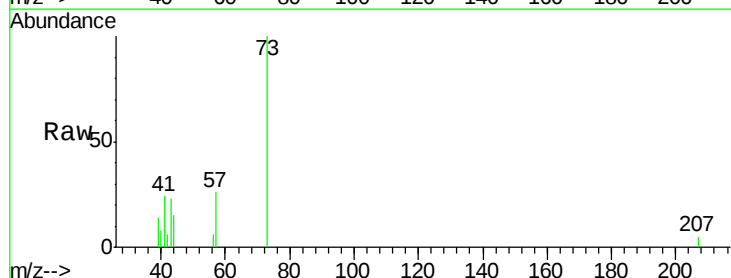
Acq: 30 Jun 2020 19:28

Tgt Ion: 73 Resp: 10793

Ion Ratio Lower Upper

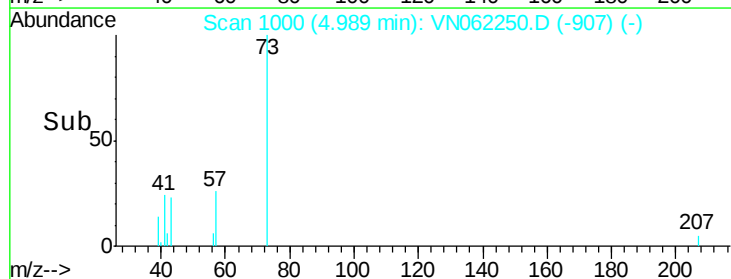
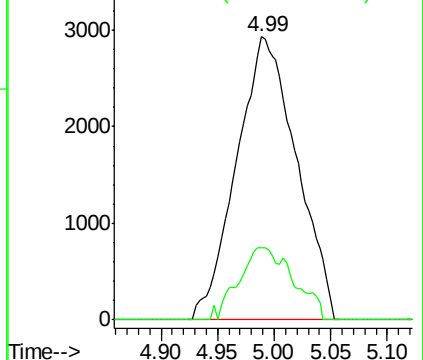
73 100

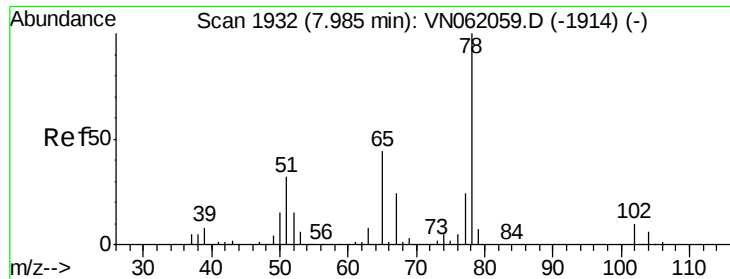
57 25.7 16.6 24.8#



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 56.704 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062250.D

Acq: 30 Jun 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

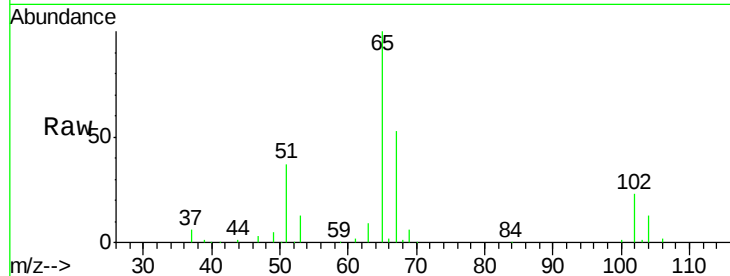
MW-5

Tot Ion: 65 Resp: 147478

Ion Ratio Lower Upper

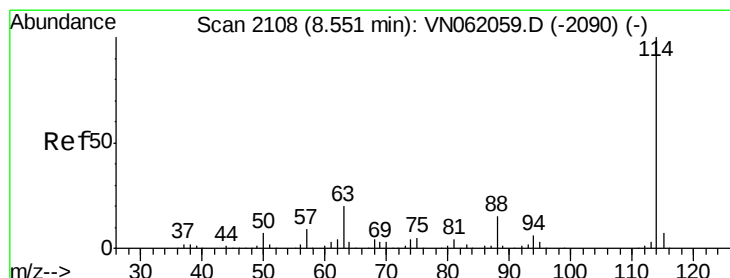
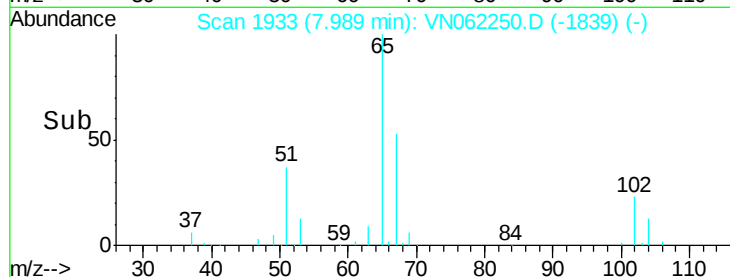
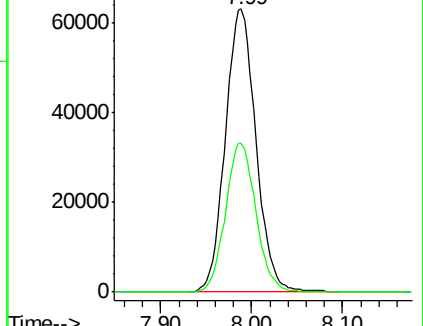
65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062250.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062250.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062250.D

Acq: 30 Jun 2020 19:28

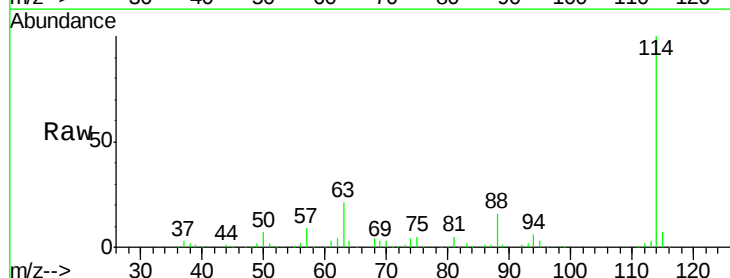
Tgt Ion: 114 Resp: 362878

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

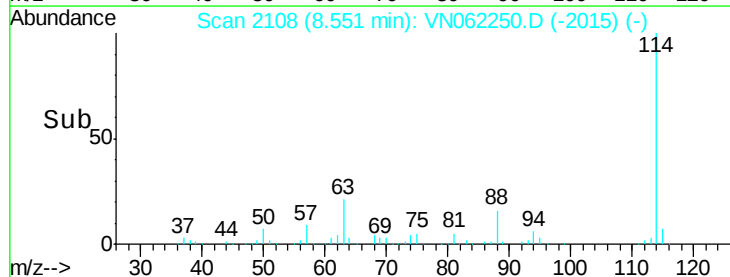
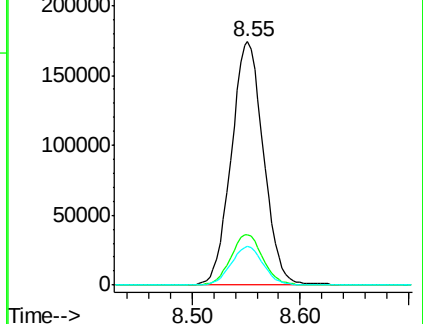
88 16.0 0.0 30.8

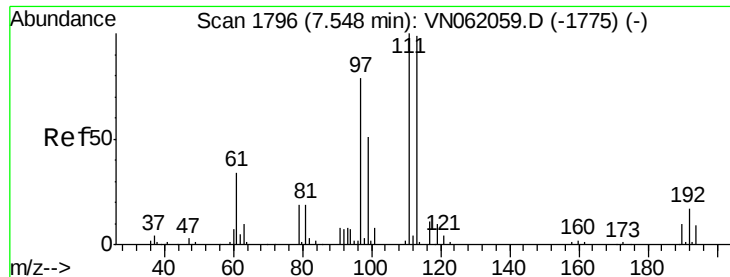


Abundance Ion 113.90 (113.60 to 114.60): VN062250.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062250.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062250.D (-2015) (-)

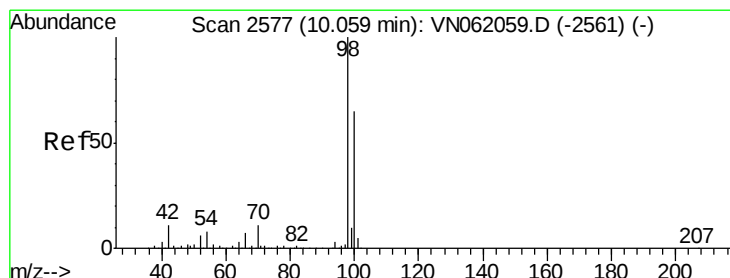
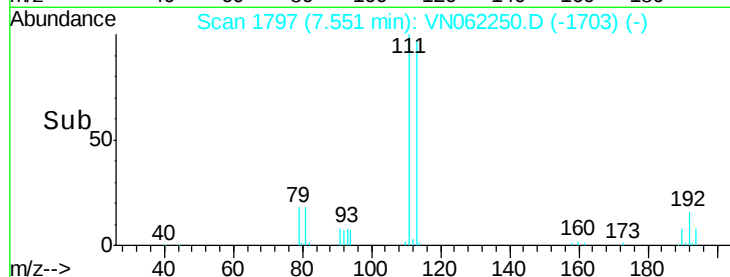
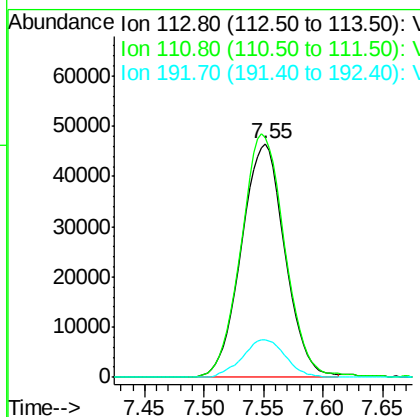
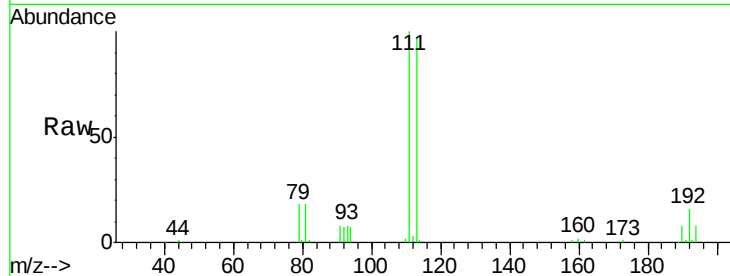




#35
 Dibromofluoromethane
 Concen: 50.660 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062250.D
 Acq: 30 Jun 2020 19:28

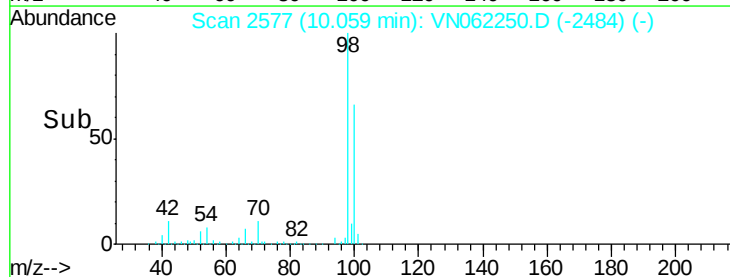
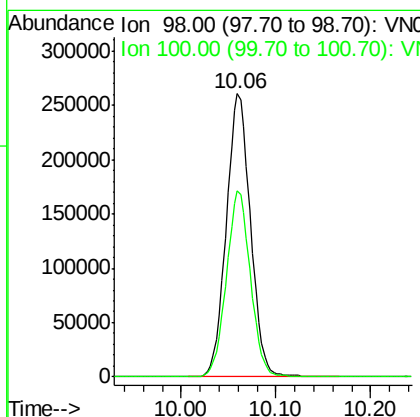
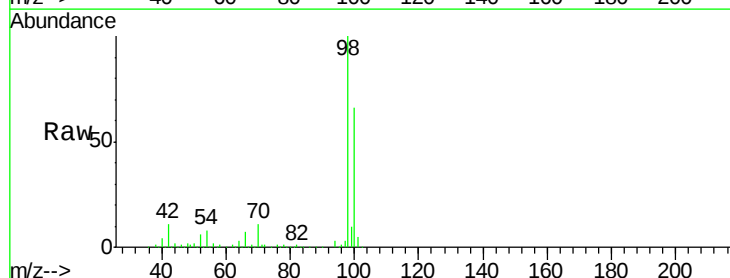
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

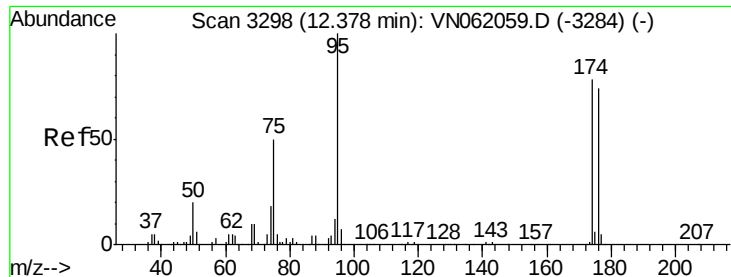
Tot Ion:113 Resp: 117939
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.2 123.4
 192 16.0 14.0 21.0



#50
 Toluene-d8
 Concen: 49.824 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062250.D
 Acq: 30 Jun 2020 19:28

Tgt Ion: 98 Resp: 463657
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8

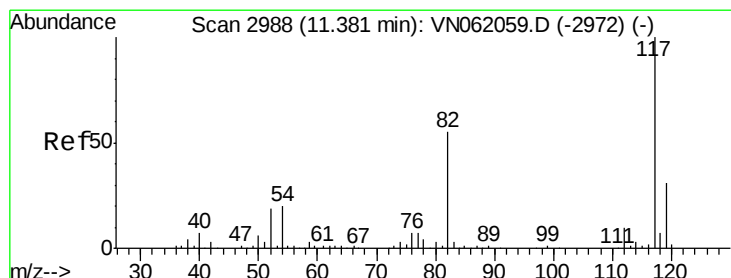
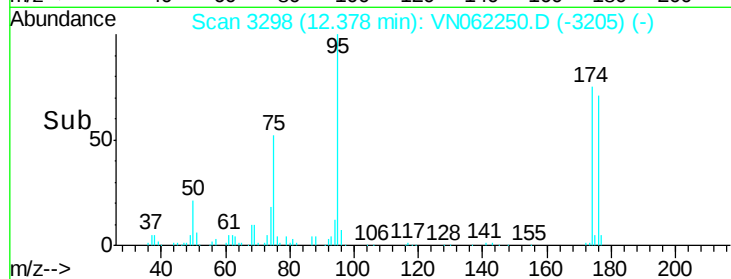
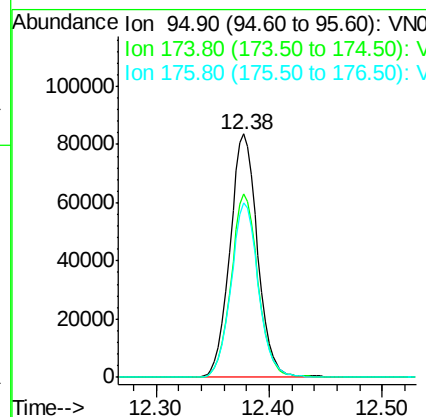
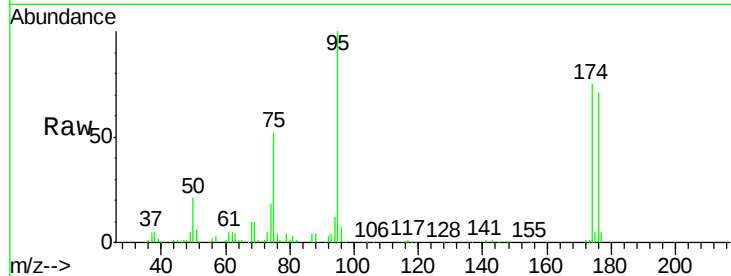




#62
4-Bromofluorobenzene
Concen: 45.092 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062250.D
Acq: 30 Jun 2020 19:28

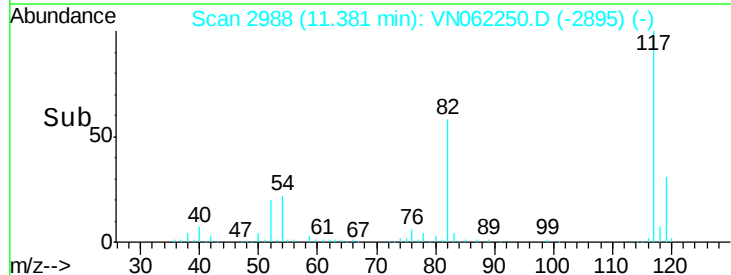
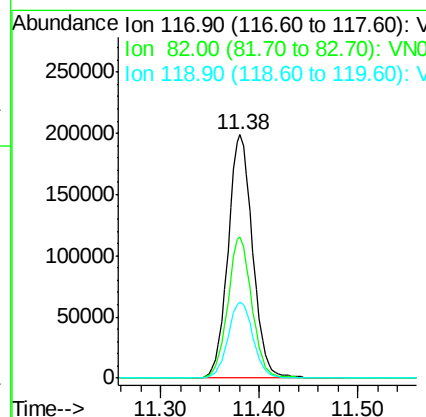
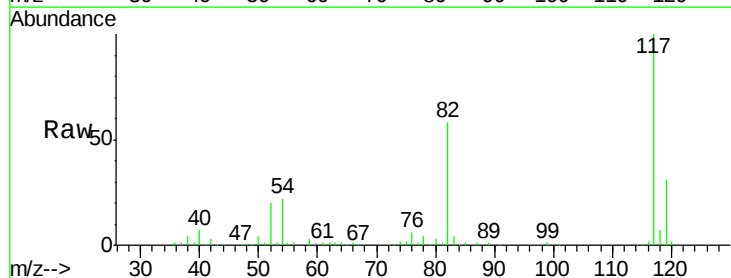
Instrument :
MSVOA_N
ClientSampled :
MW-5

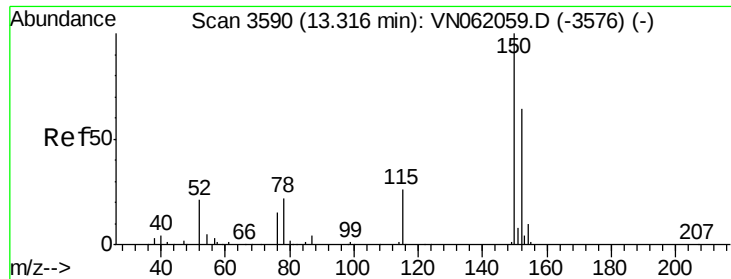
Tot Ion: 95 Resp: 141772
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.8
176 71.0 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062250.D
Acq: 30 Jun 2020 19:28

Tgt Ion: 117 Resp: 345356
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.4 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: VN062250.D

Acq: 30 Jun 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

MW-5

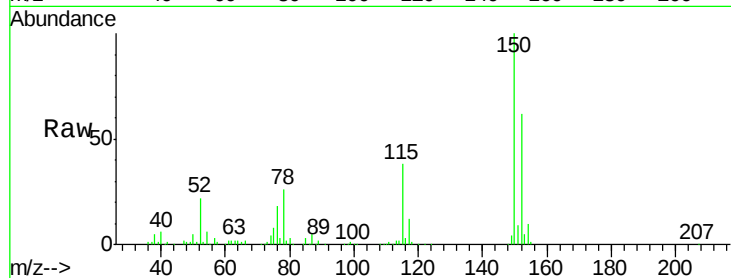
Tot Ion:152 Resp: 112593

Ion Ratio Lower Upper

152 100

115 61.0 29.5 88.5

150 160.4 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

