

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062251.D
 Acq On : 30 Jun 2020 19:52
 Operator : JC/MD
 Sample : L3170-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Jul 01 05:24:46 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

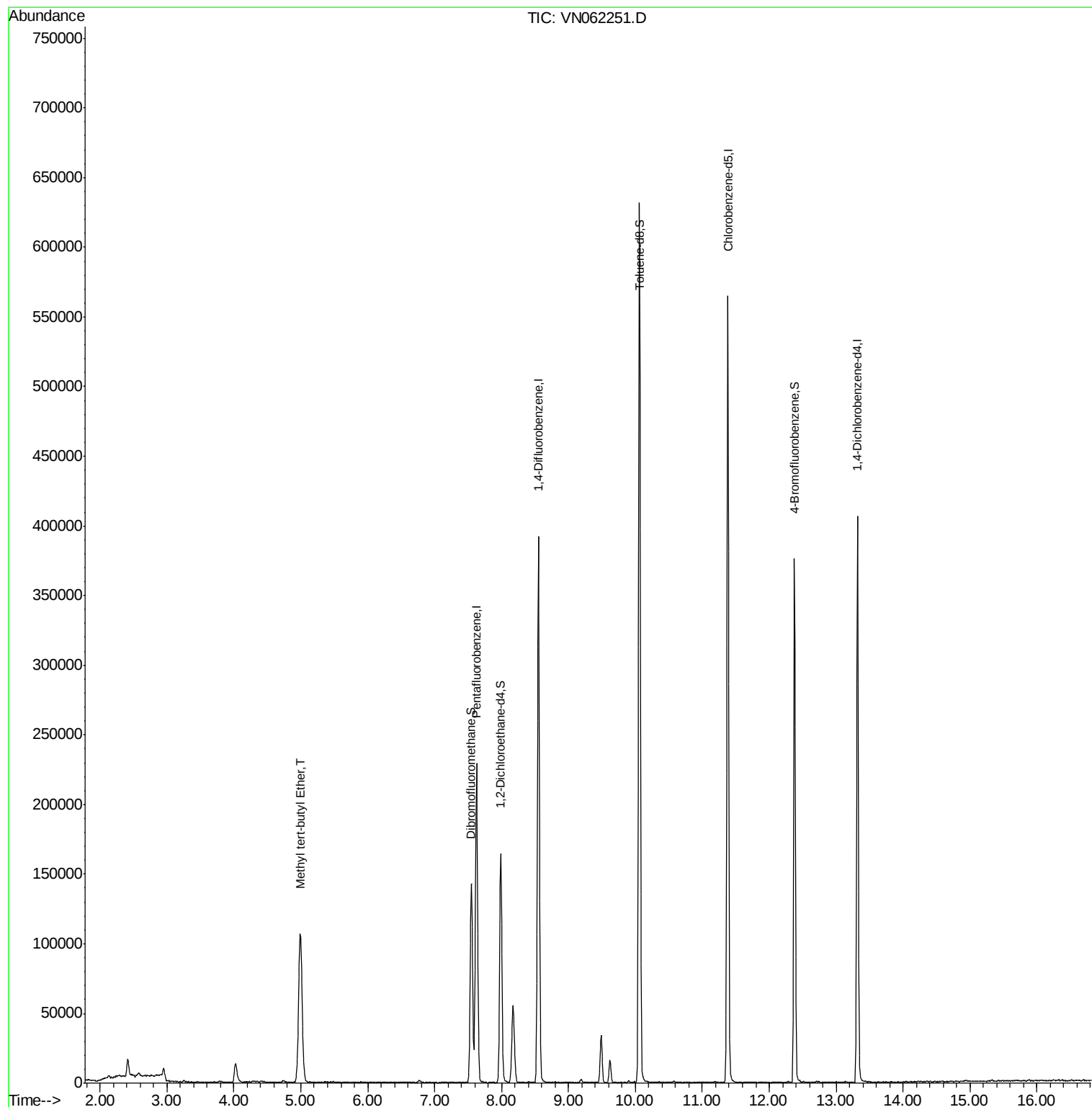
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	176123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	346762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	325430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	139655	56.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.00%	
35) Dibromofluoromethane	7.55	113	113250	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.06	98	438875	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.38	95	133221	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
19) Methyl tert-butyl Ether	4.99	73	183887	28.456	ug/l	Qvalue 97

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

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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

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Instrument :

MSVOA_N

ClientSampleId :

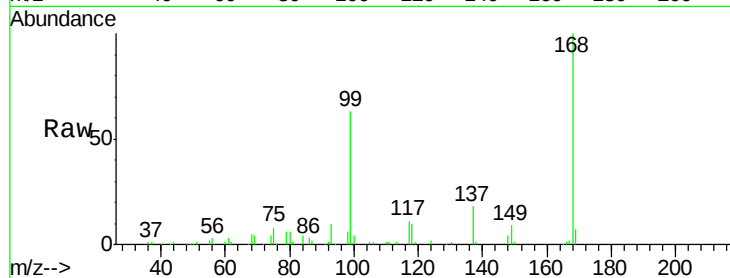
MW-6

Tot Ion:168 Resp: 176123

Ion Ratio Lower Upper

168 100

99 62.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

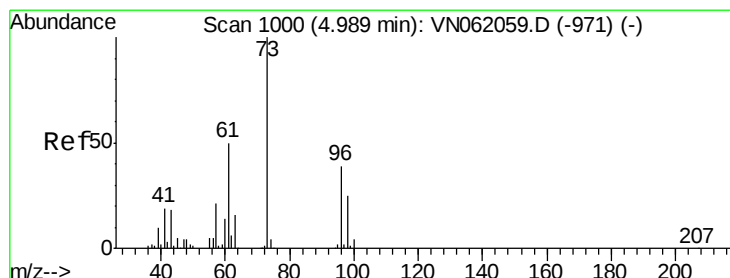
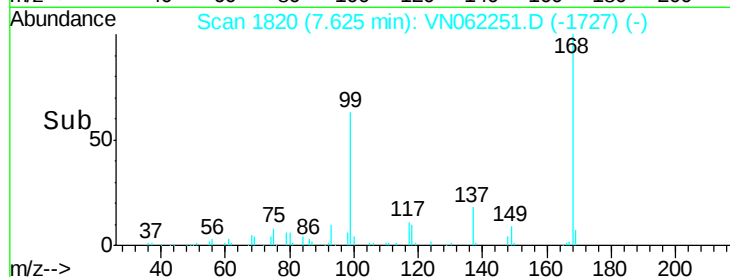
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#19

Methyl tert-butyl Ether

Concen: 28.456 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062251.D

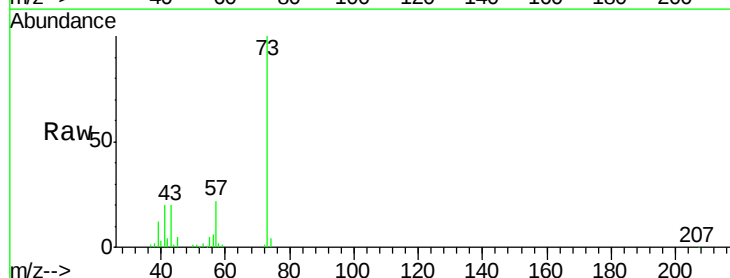
Acq: 30 Jun 2020 19:52

Tgt Ion: 73 Resp: 183887

Ion Ratio Lower Upper

73 100

57 21.9 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.99

60000

50000

40000

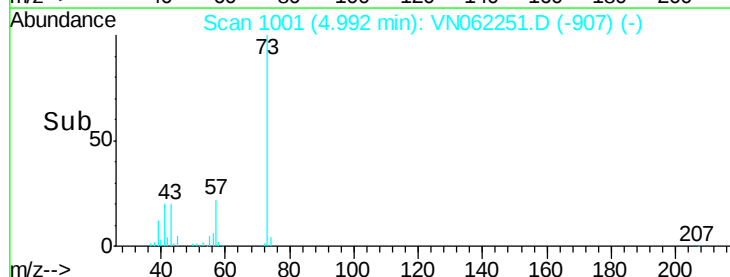
30000

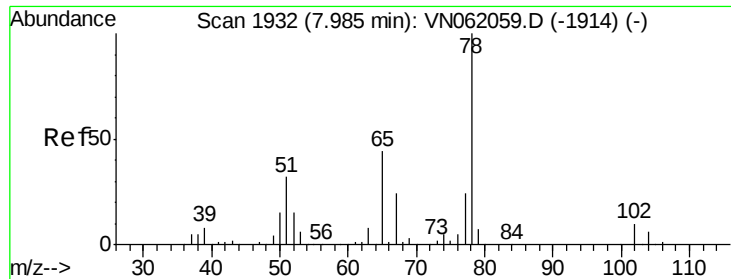
20000

10000

0

Time--> 4.80 4.90 5.00 5.10

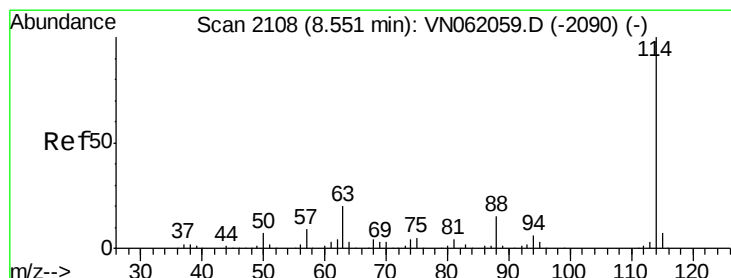
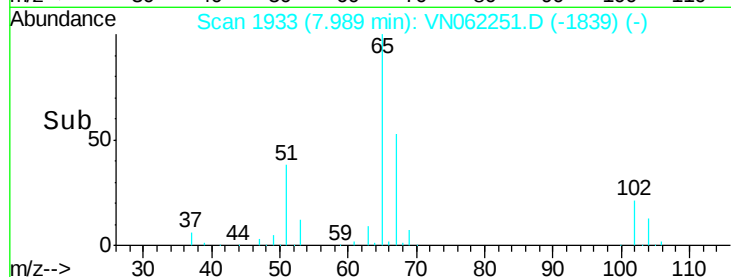
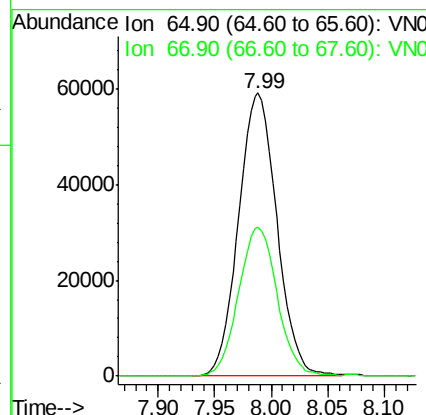
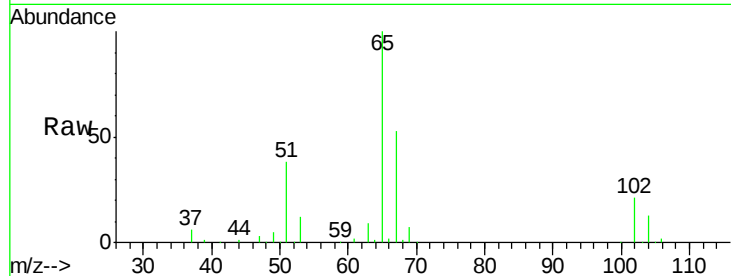




#33
 1,2-Dichloroethane-d4
 Concen: 56.504 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062251.D
 Acq: 30 Jun 2020 19:52

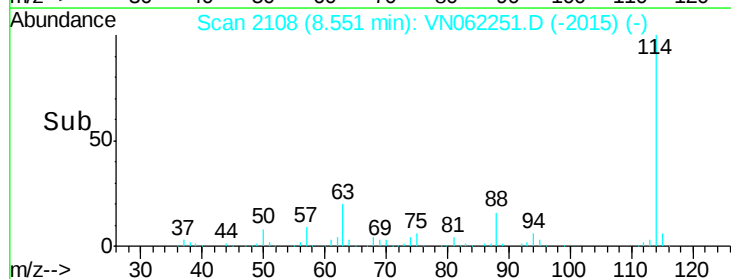
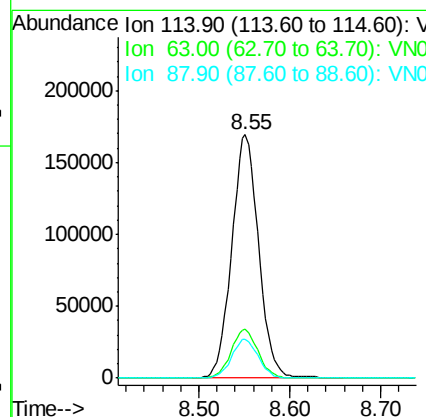
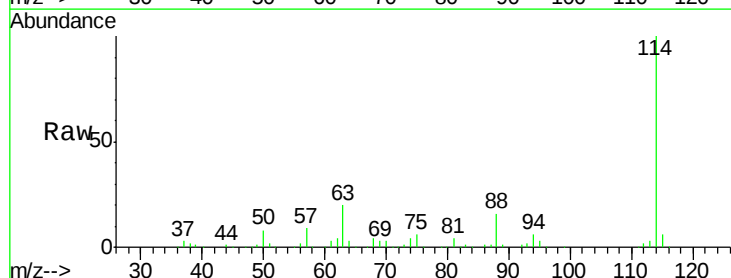
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

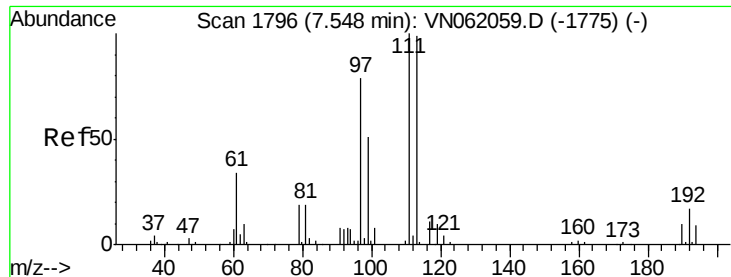
Tot Ion: 65 Resp: 139655
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062251.D
 Acq: 30 Jun 2020 19:52

Tgt Ion: 114 Resp: 346762
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.8 0.0 30.8

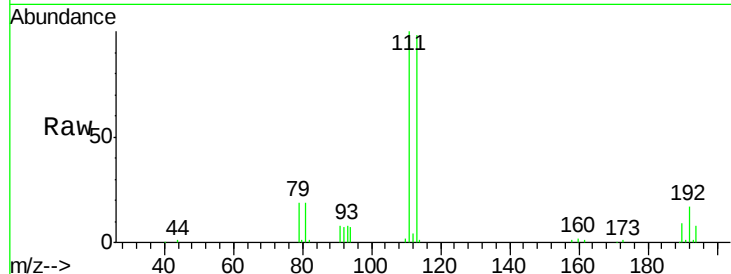




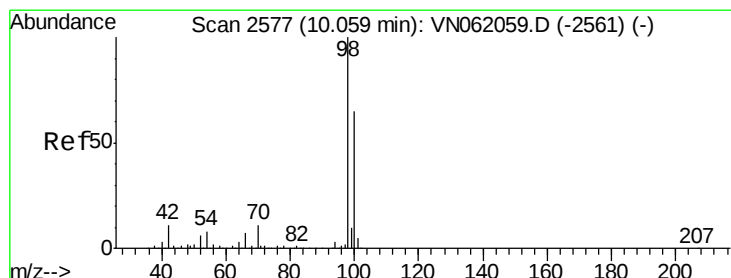
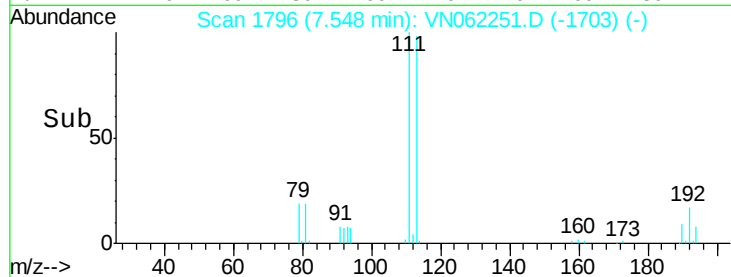
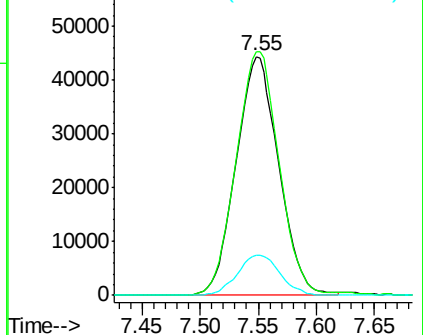
#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062251.D
Acq: 30 Jun 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	16.8	14.0	21.0

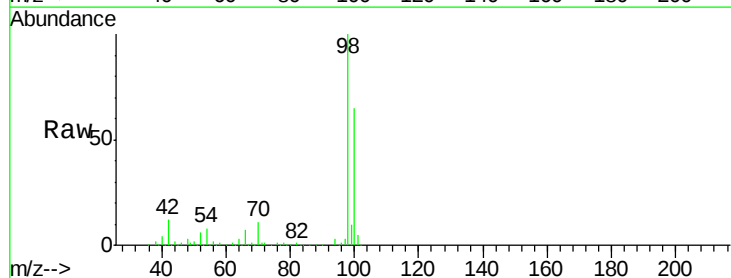


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

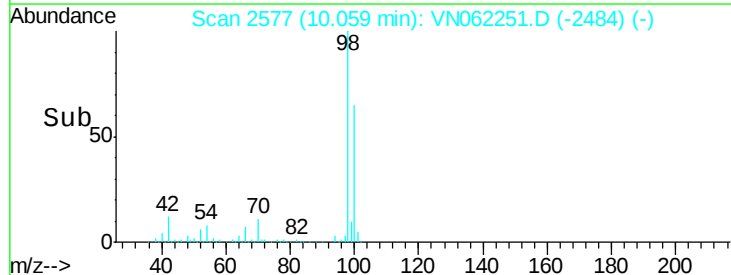
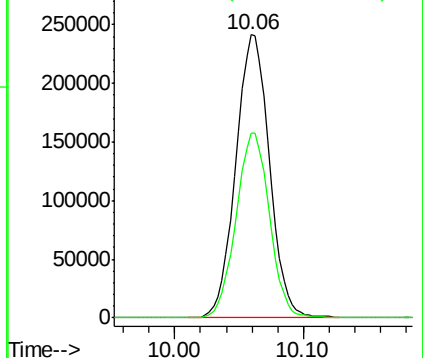


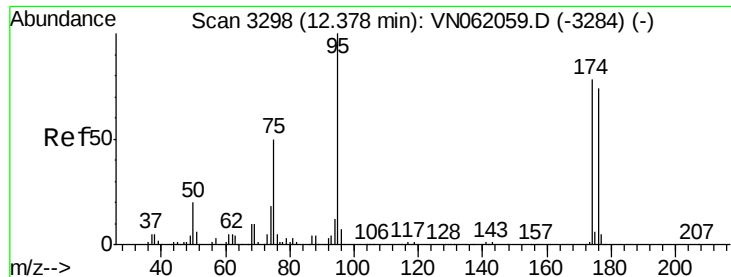
#50
Toluene-d8
Concen: 49.353 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062251.D
Acq: 30 Jun 2020 19:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8



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





#62

4-Bromofluorobenzene

Concen: 44.341 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062251.D

Acq: 30 Jun 2020 19:52

Instrument :

MSVOA_N

ClientSampled :

MW-6

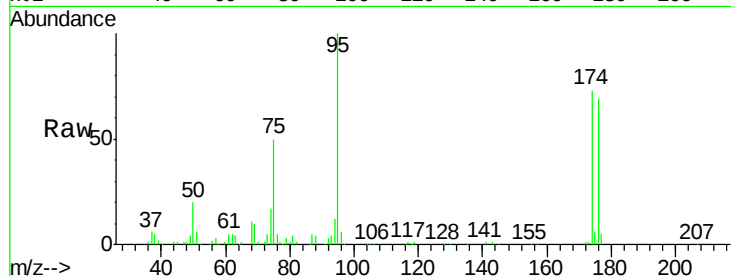
Tot Ion: 95 Resp: 133221

Ion Ratio Lower Upper

95 100

174 74.4 0.0 154.8

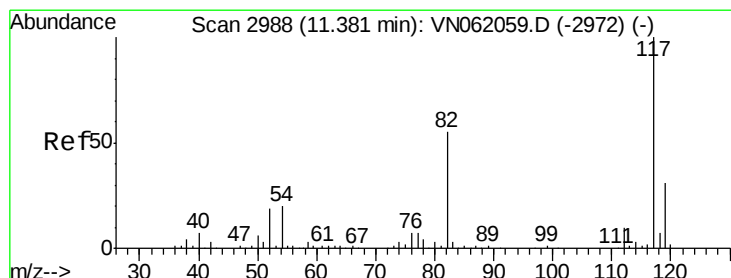
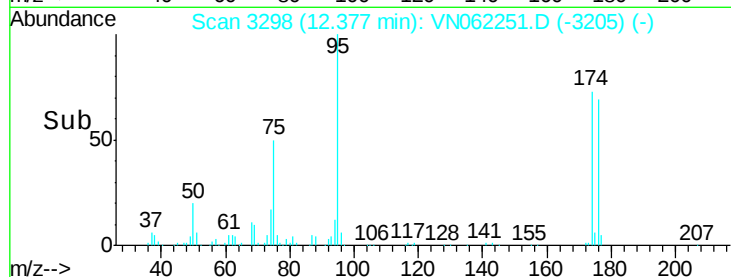
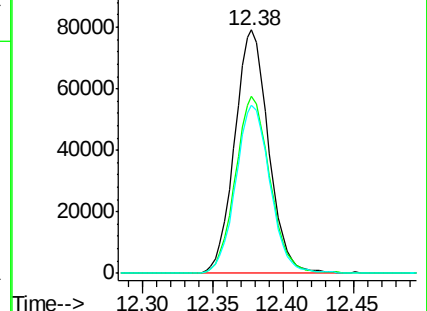
176 70.4 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062251.D

Acq: 30 Jun 2020 19:52

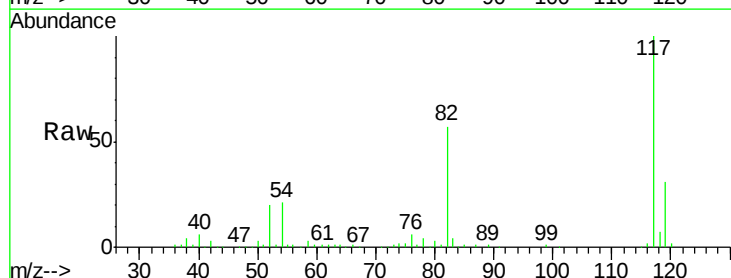
Tgt Ion: 117 Resp: 325430

Ion Ratio Lower Upper

117 100

82 57.2 43.8 65.8

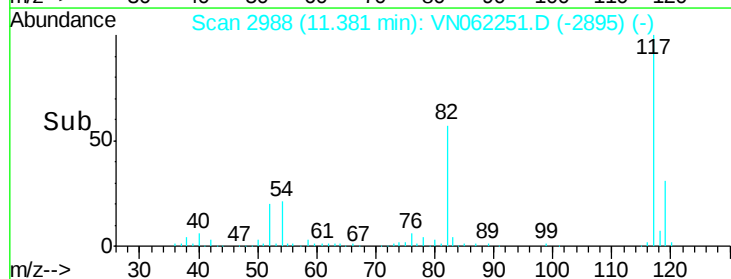
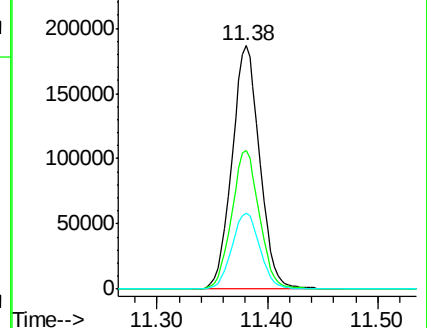
119 31.3 25.2 37.8

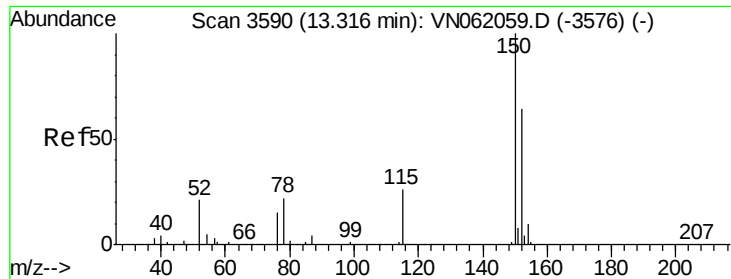


Abundance Ion 116.90 (116.60 to 117.60): VN062059.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN062059.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN062059.D (-2972) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062251.D

Acq: 30 Jun 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

MW-6

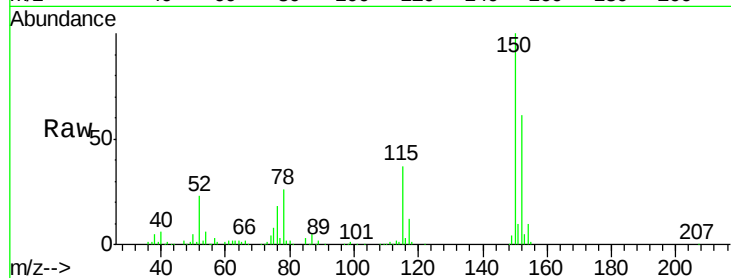
Tot Ion:152 Resp: 105890

Ion Ratio Lower Upper

152 100

115 61.5 29.5 88.5

150 160.5 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

