

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062463.D
 Acq On : 9 Jul 2020 18:37
 Operator : JC/MD
 Sample : L3192-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-EB-20200630

Quant Time: Jul 10 09:12:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

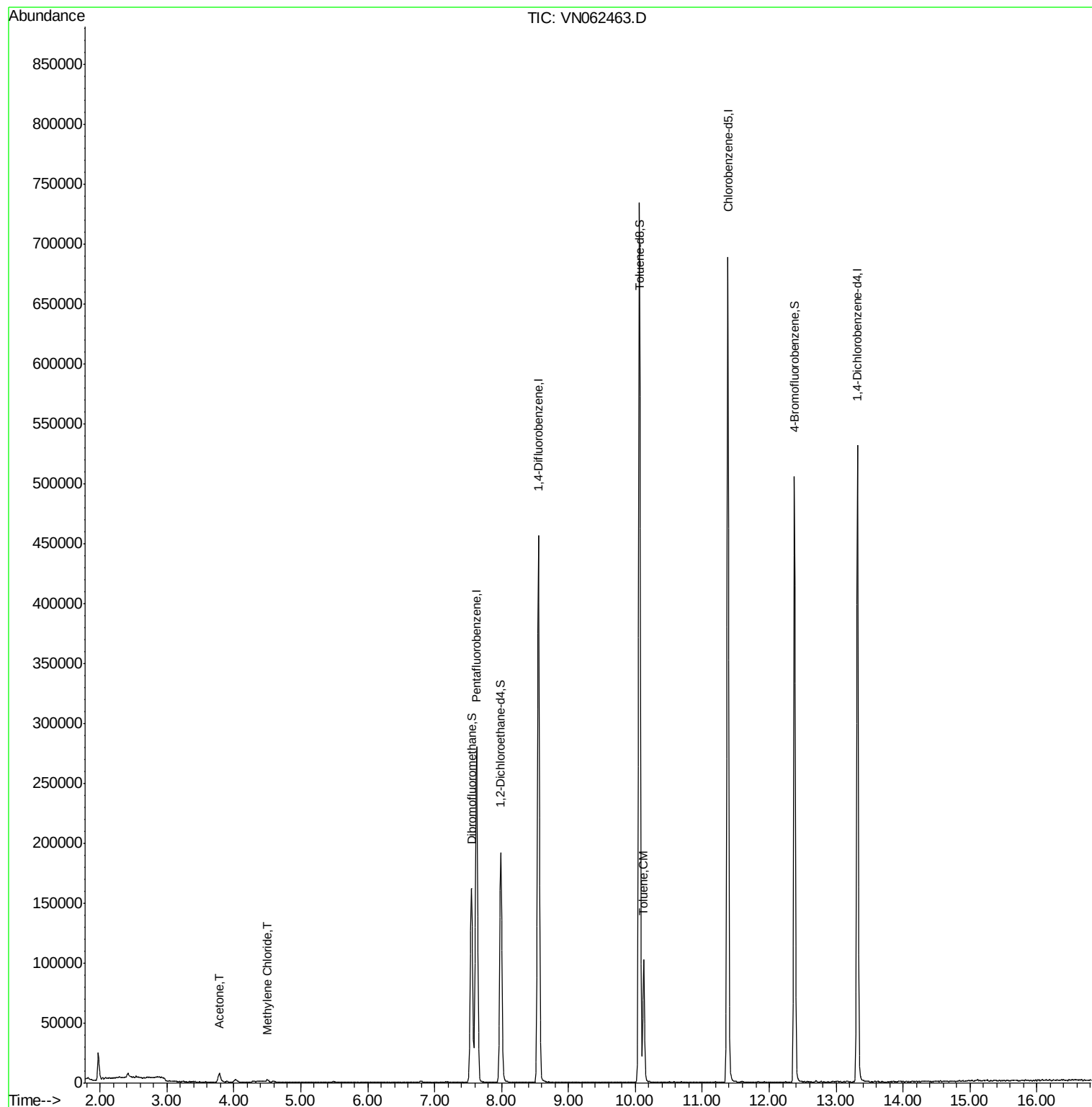
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	376267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167946	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.55	113	125430	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.06	98	499766	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.38	95	181252	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
16) Acetone	3.79	43	12344	8.751	ug/l	98
20) Methylene Chloride	4.50	84	1486	0.493	ug/l #	93
52) Toluene	10.12	92	41905	6.255	ug/l	98

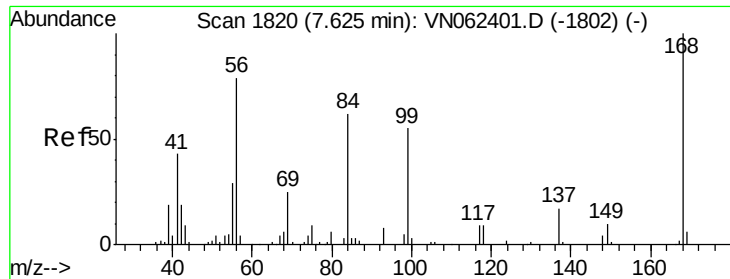
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062463.D

Acq: 9 Jul 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

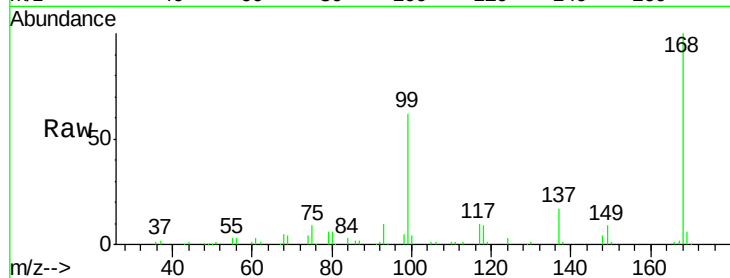
BP-MW180-EB-20200630

Tot Ion:168 Resp: 216019

Ion Ratio Lower Upper

168 100

99 62.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

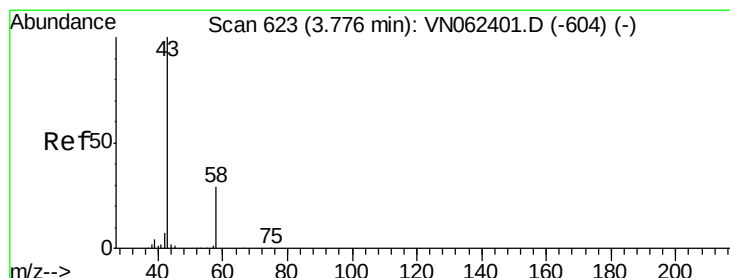
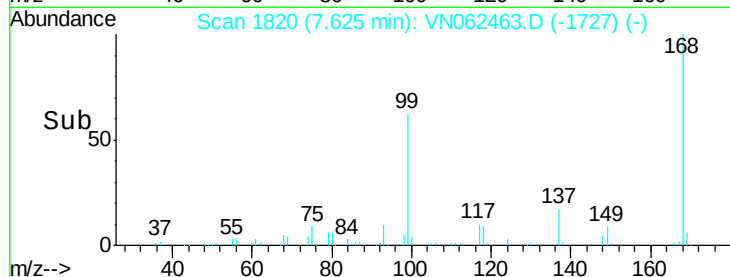
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 8.751 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062463.D

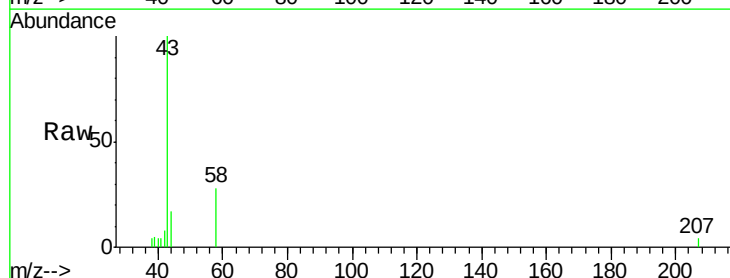
Acq: 9 Jul 2020 18:37

Tgt Ion: 43 Resp: 12344

Ion Ratio Lower Upper

43 100

58 28.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

5000

4000

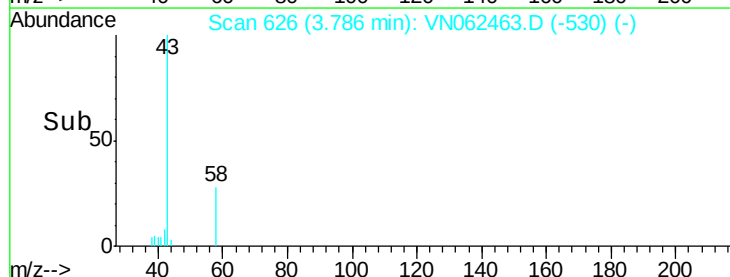
3000

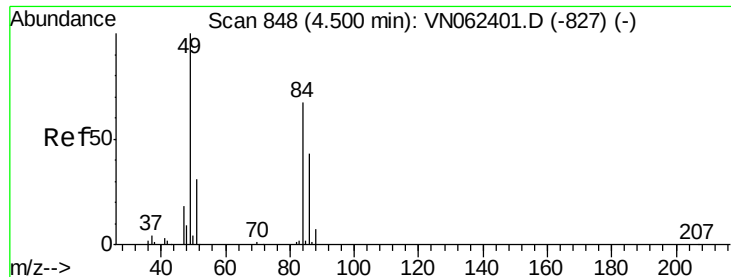
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

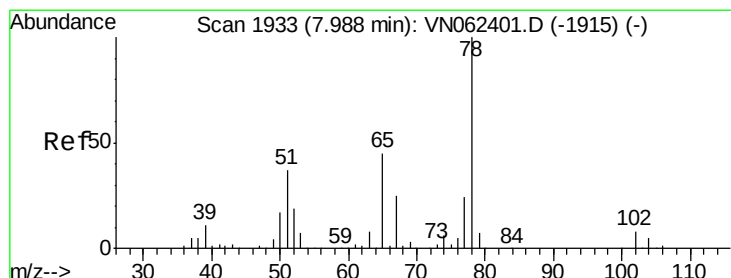
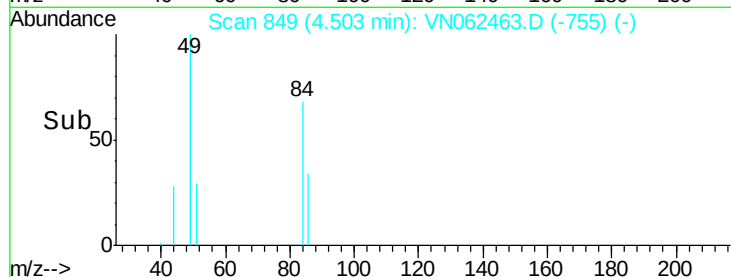
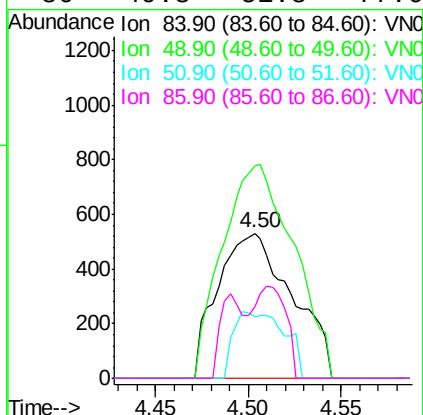
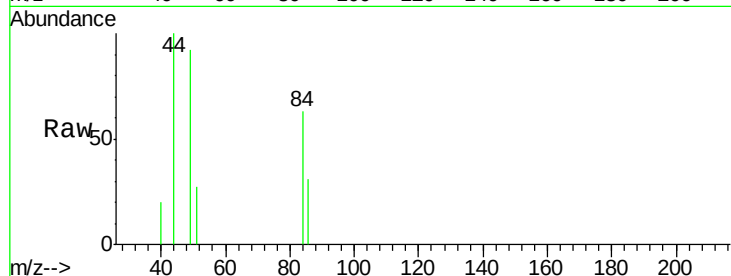




#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062463.D
Acq: 9 Jul 2020 18:37

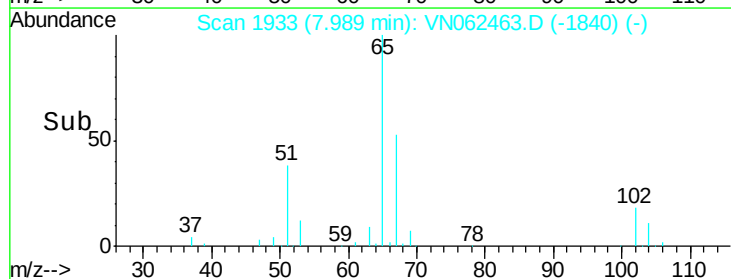
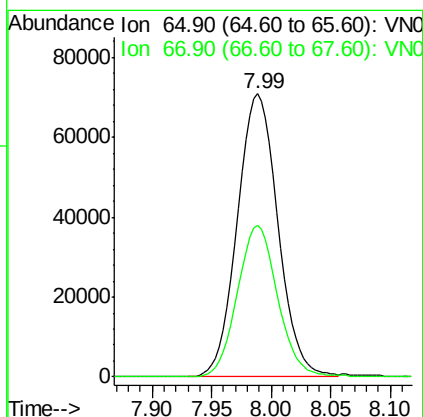
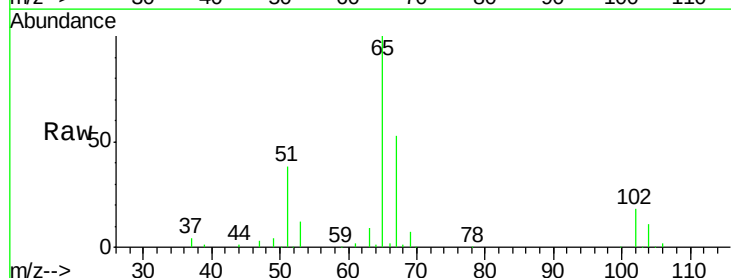
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-EB-20200630

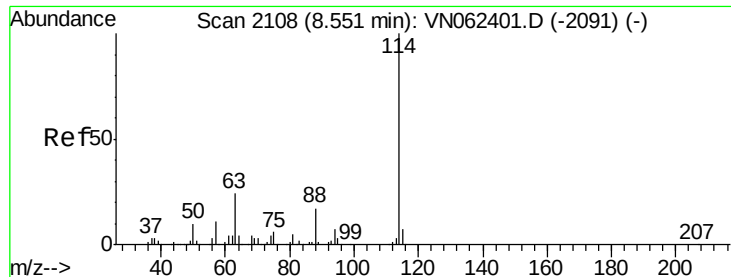
Tot Ion: 84 Resp: 1486
Ion Ratio Lower Upper
84 100
49 146.4 120.0 180.0
51 42.5 37.0 55.6
86 49.8 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 50.546 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062463.D
Acq: 9 Jul 2020 18:37

Tgt Ion: 65 Resp: 167946
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.6

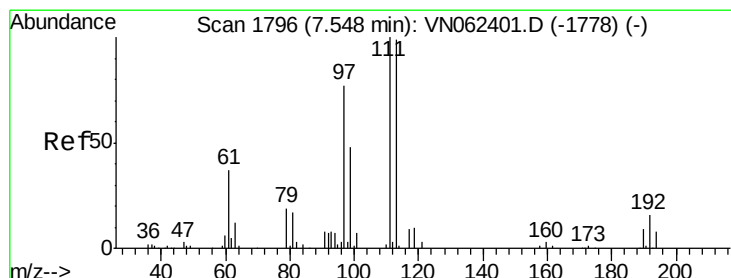
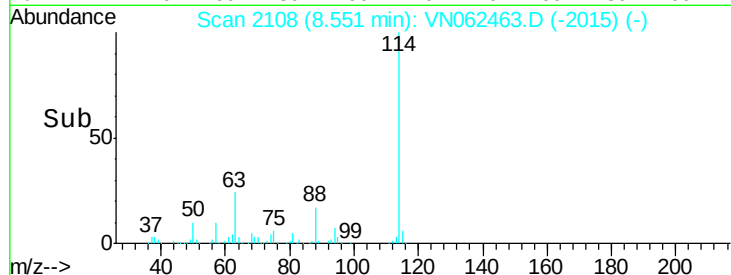
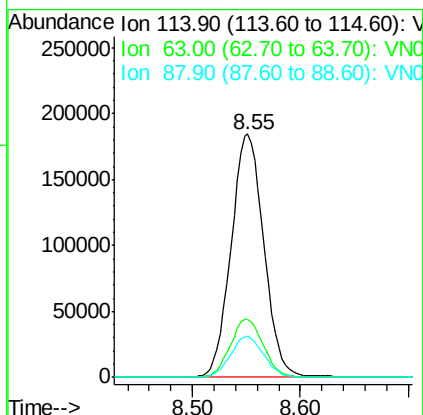
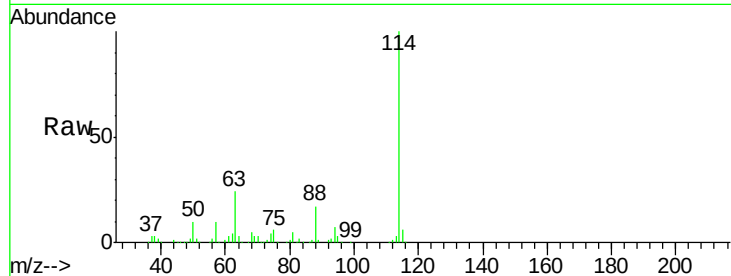




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062463.D
 Acq: 9 Jul 2020 18:37

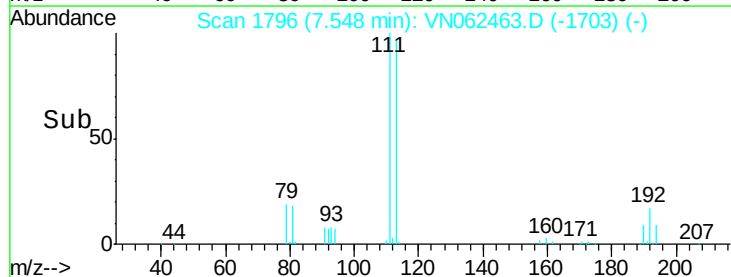
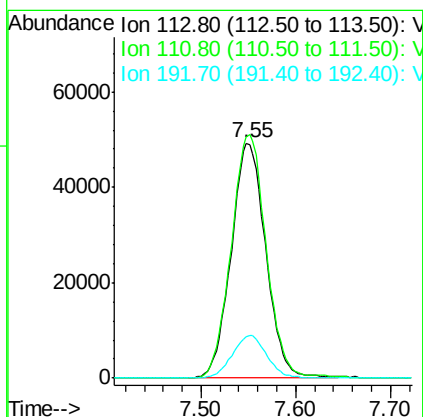
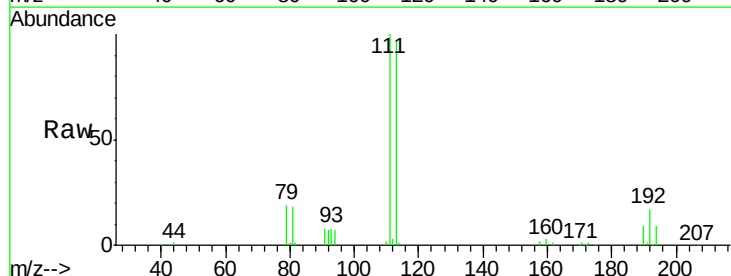
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-EB-20200630

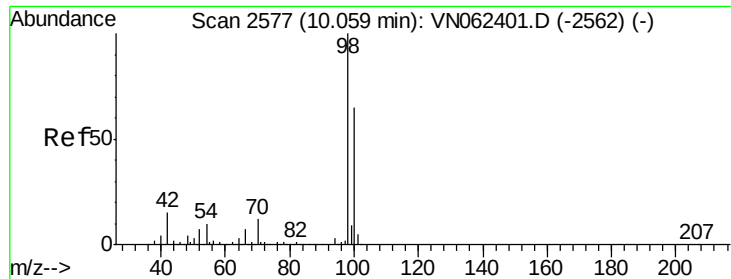
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.4
88	16.9	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 51.948 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062463.D
 Acq: 9 Jul 2020 18:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	17.9	14.1	21.1

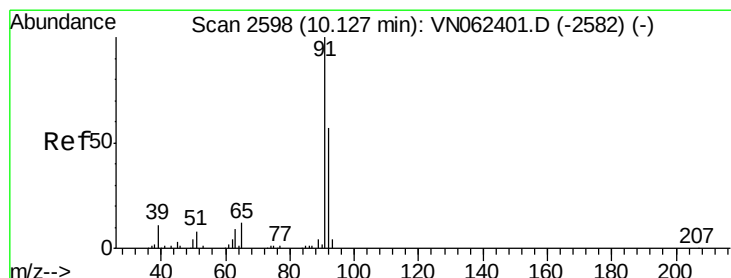
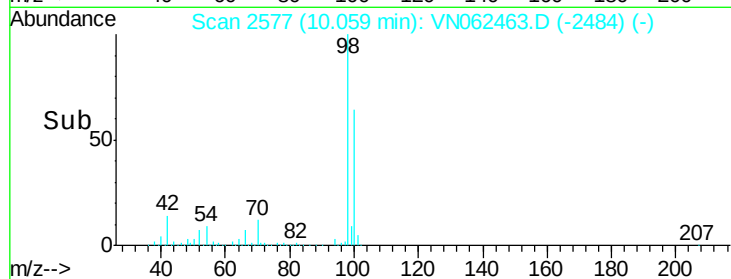
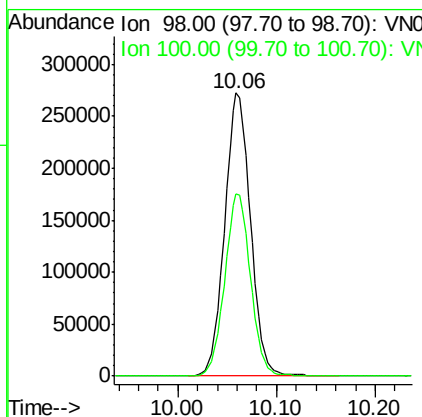
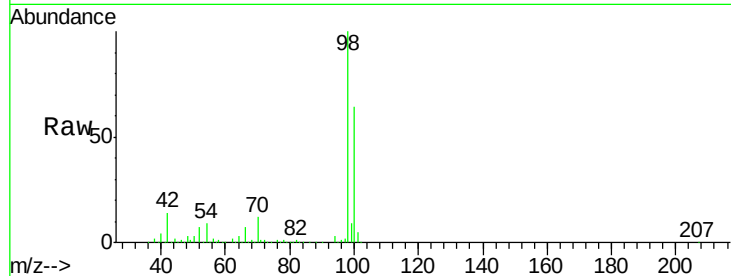




#50
Toluene-d8
Concen: 52.432 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062463.D
Acq: 9 Jul 2020 18:37

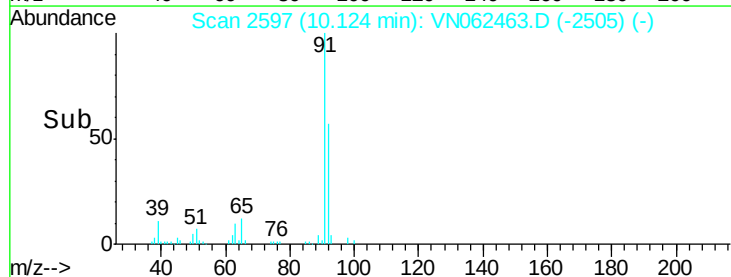
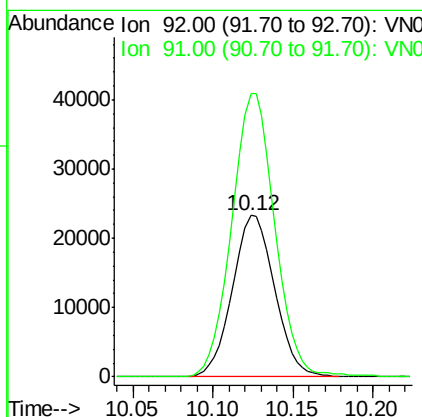
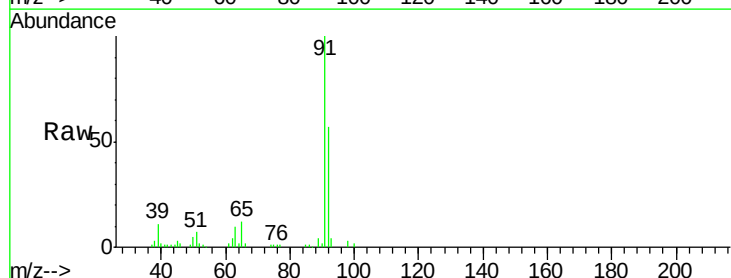
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-EB-20200630

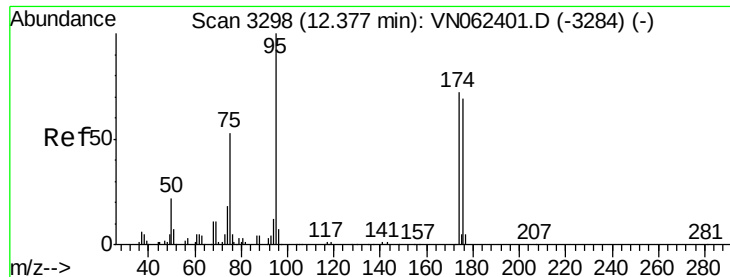
Tot Ion: 98 Resp: 499766
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#52
Toluene
Concen: 6.255 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062463.D
Acq: 9 Jul 2020 18:37

Tgt Ion: 92 Resp: 41905
Ion Ratio Lower Upper
92 100
91 179.3 141.0 211.6





#62

4-Bromofluorobenzene

Concen: 52.036 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062463.D

Acq: 9 Jul 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-EB-20200630

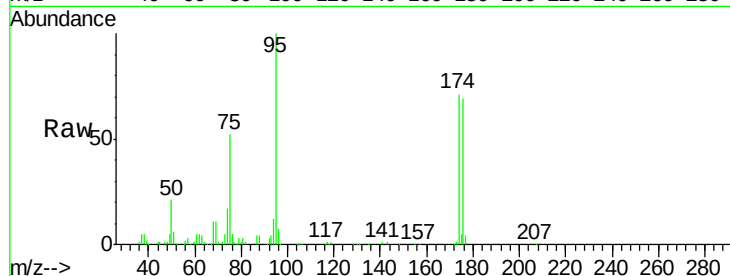
Tot Ion: 95 Resp: 181252

Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.6

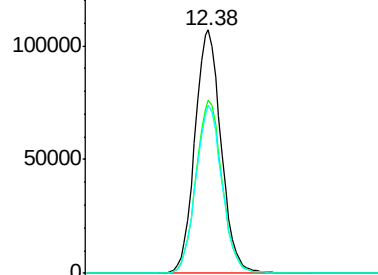
176 68.9 0.0 137.2



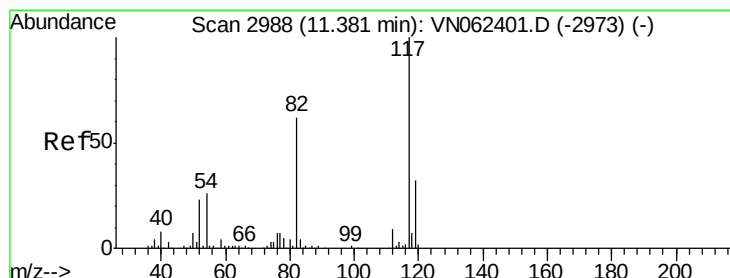
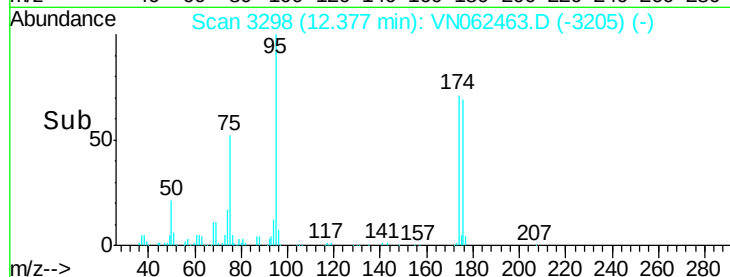
Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062463.D

Acq: 9 Jul 2020 18:37

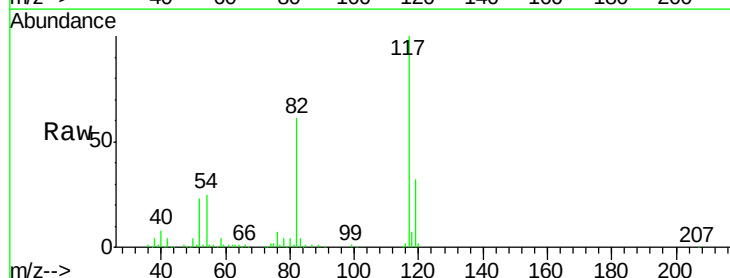
Tgt Ion: 117 Resp: 376267

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

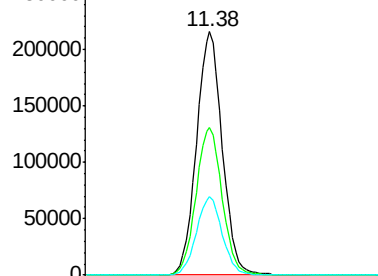
119 32.3 25.4 38.0



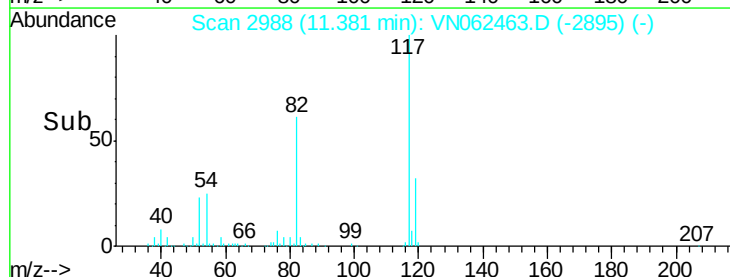
Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

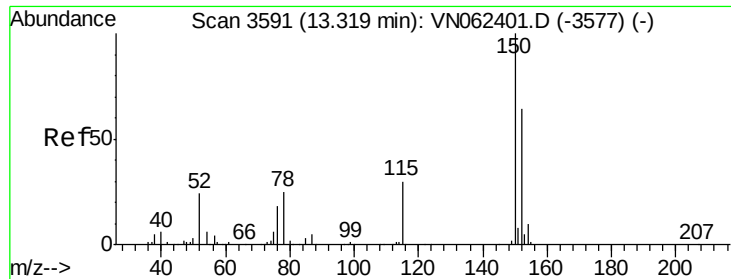
Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062463.D

Acq: 9 Jul 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-EB-20200630

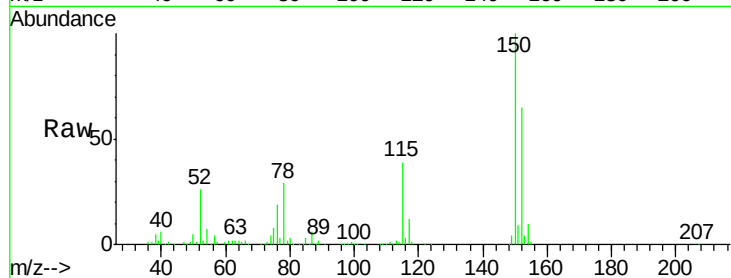
Tot Ion:152 Resp: 138193

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

150 157.2 0.0 347.4



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

