

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061338.D
 Acq On : 7 May 2020 16:53
 Operator : JC/MD
 Sample : L2548-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW172-200504

Quant Time: May 08 03:31:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

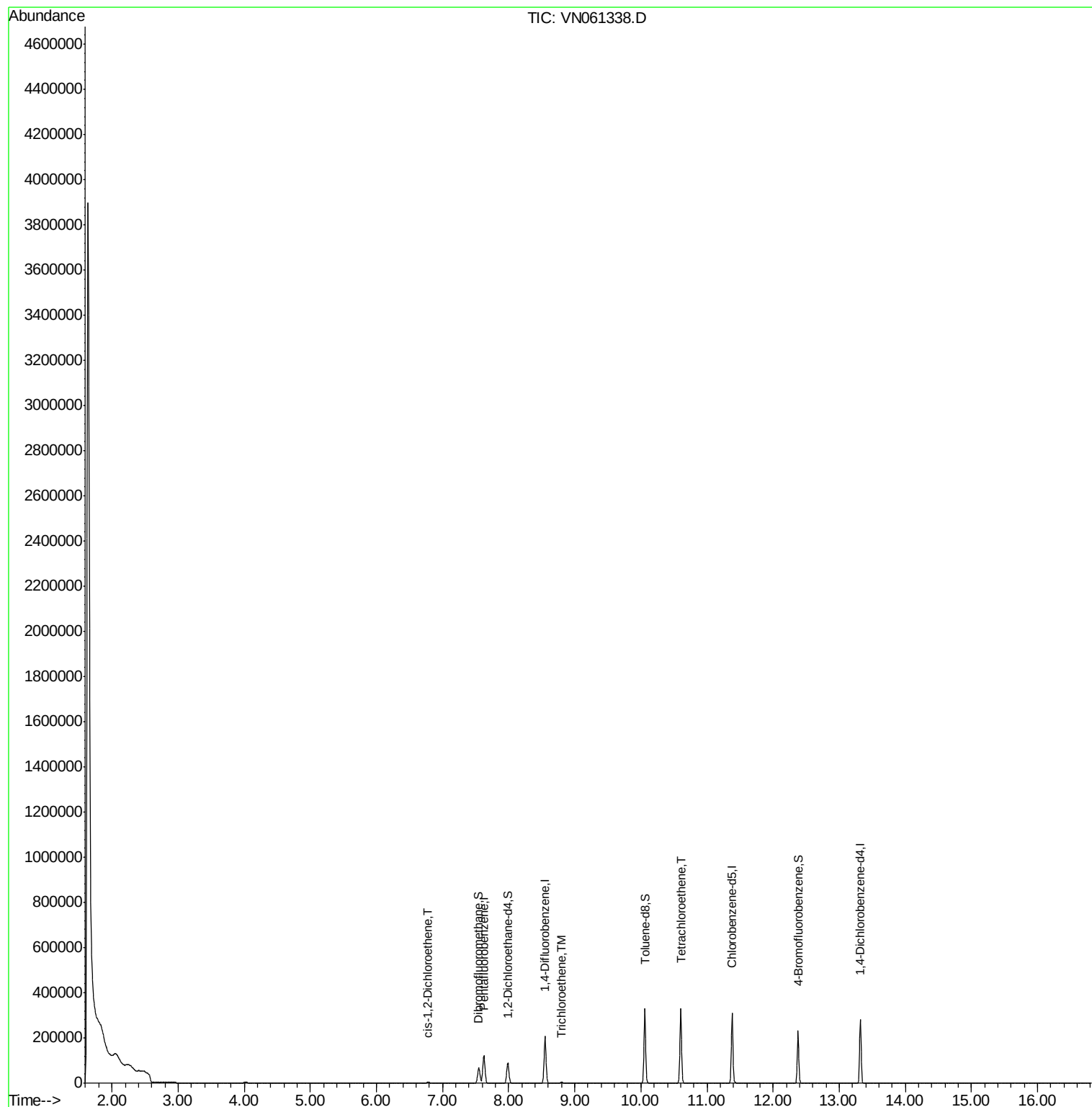
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	162759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79267	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	7.55	113	51436	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.06	98	209997	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.38	95	76717	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	1882	1.508	ug/l	83
44) Trichloroethene	8.80	130	1793	1.313	ug/l	93
64) Tetrachloroethene	10.60	164	70444	49.972	ug/l	99

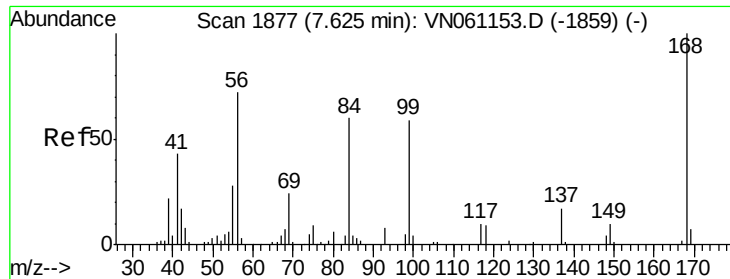
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061338.D

Acq: 7 May 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

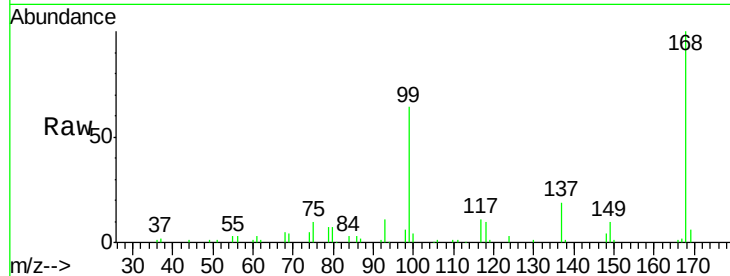
ST008MW172-200504

Tot Ion:168 Resp: 92583

Ion Ratio Lower Upper

168 100

99 64.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

30000

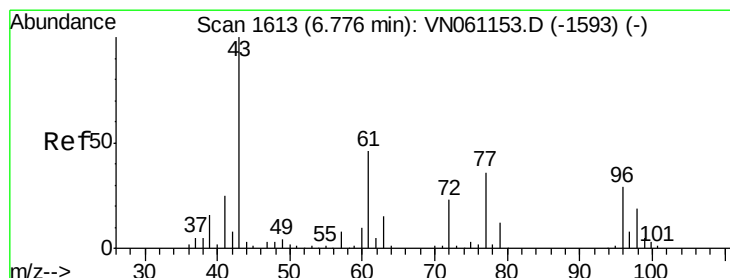
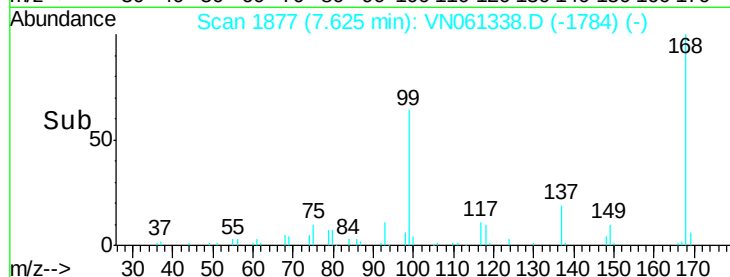
20000

10000

0

7.60 7.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.508 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061338.D

Acq: 7 May 2020 16:53

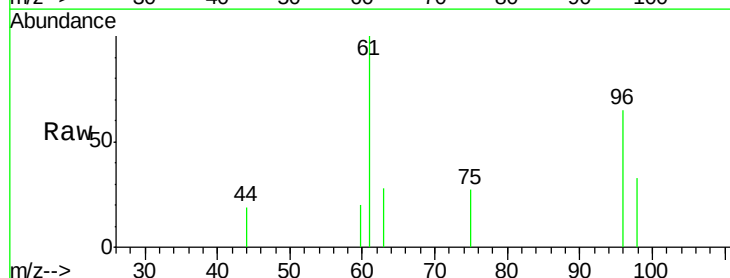
Tgt Ion: 96 Resp: 1882

Ion Ratio Lower Upper

96 100

61 164.9 0.0 322.0

98 24.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

1500

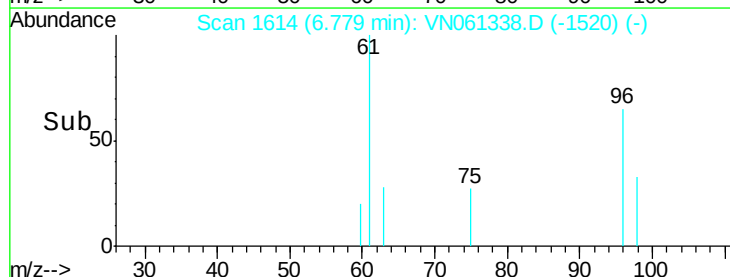
1000

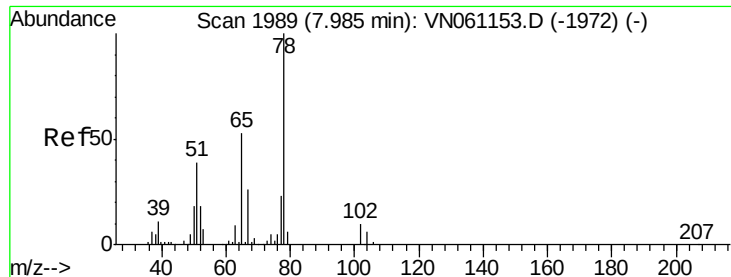
500

0

6.75 6.80

Time-->

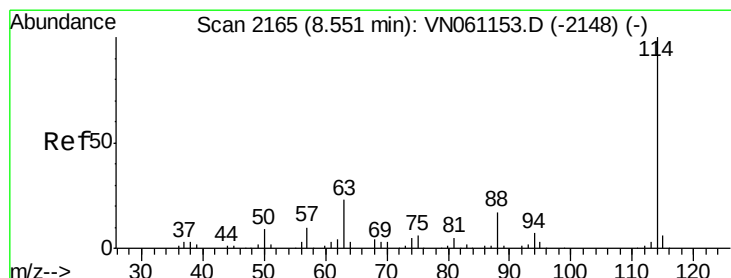
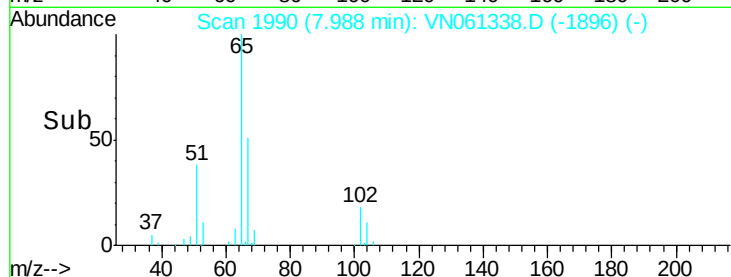
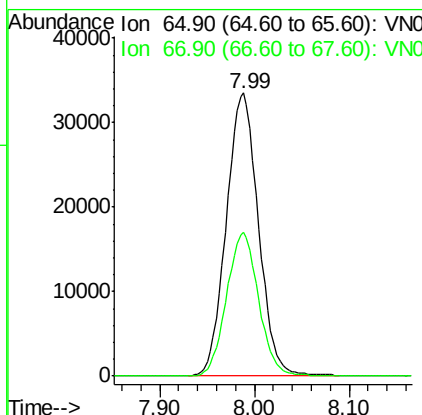
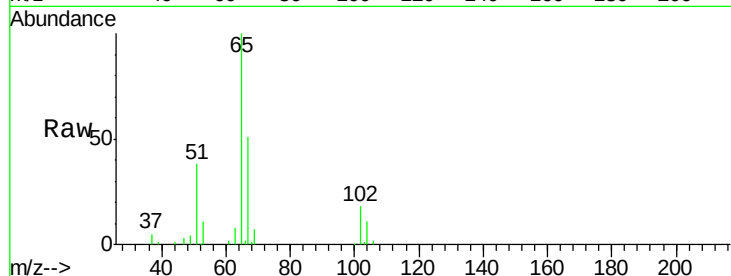




#33
 1,2-Dichloroethane-d4
 Concen: 54.109 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061338.D
 Acq: 7 May 2020 16:53

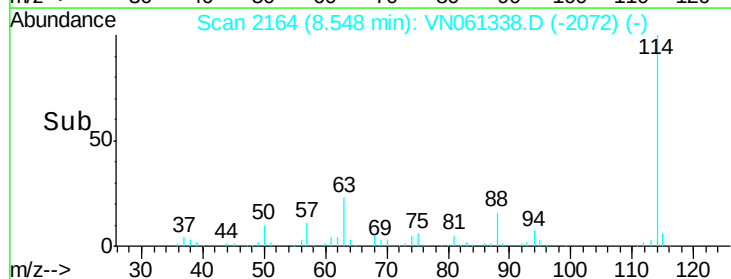
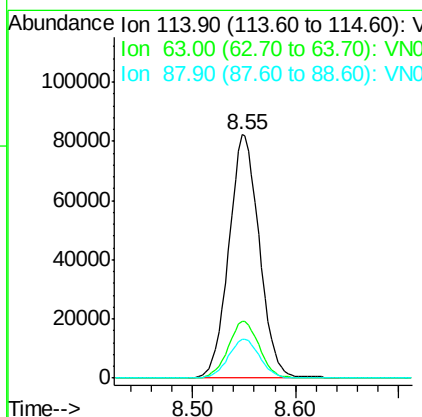
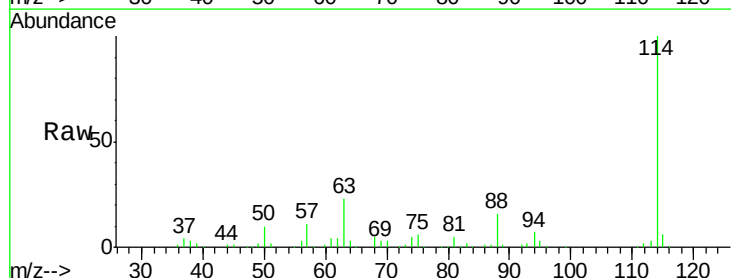
Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW172-200504

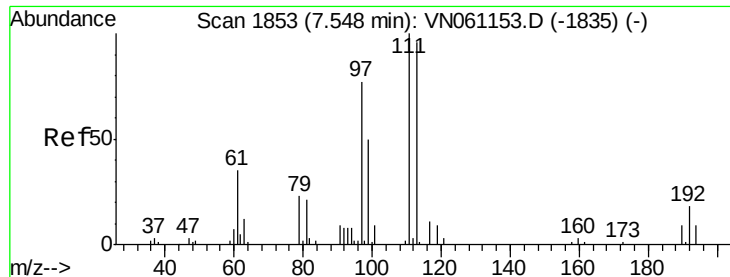
Tot Ion: 65 Resp: 79267
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061338.D
 Acq: 7 May 2020 16:53

Tgt Ion: 114 Resp: 169405
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.6
 88 16.1 0.0 33.4

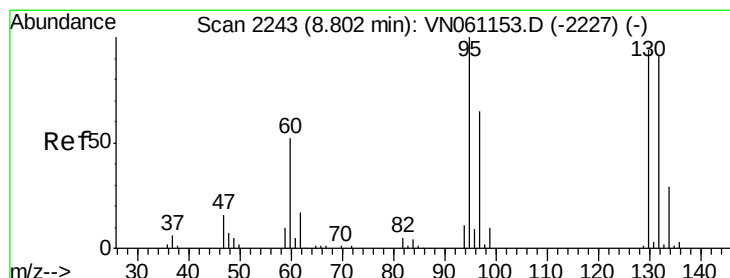
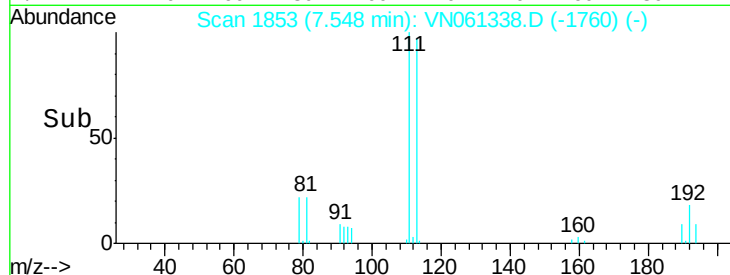
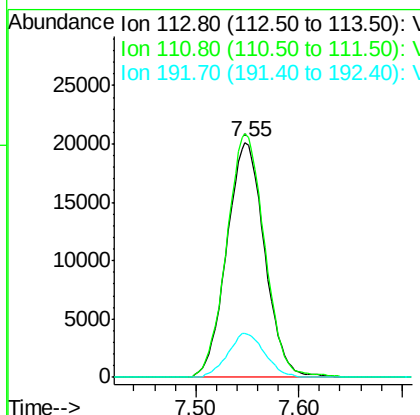
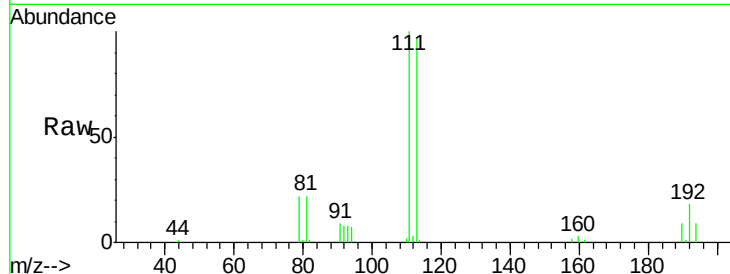




#35
 Dibromofluoromethane
 Concen: 51.347 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061338.D
 Acq: 7 May 2020 16:53

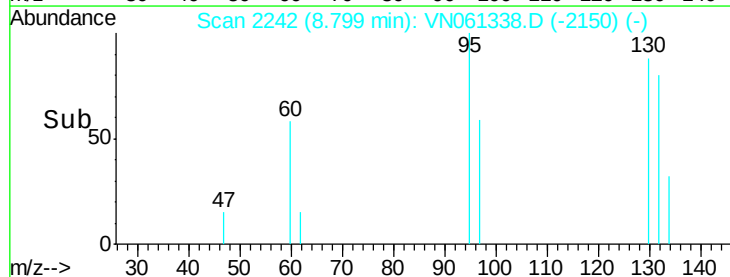
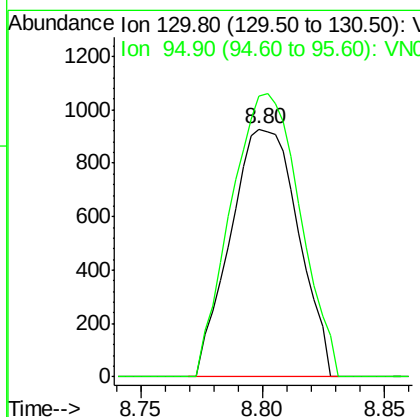
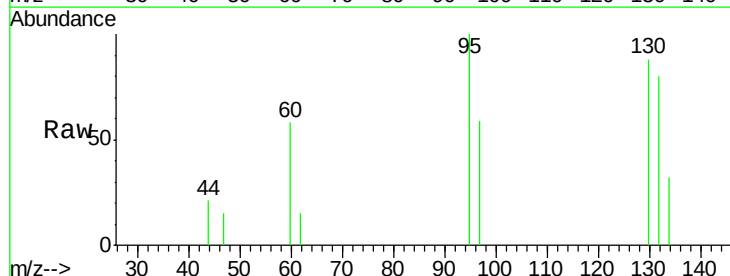
Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW172-200504

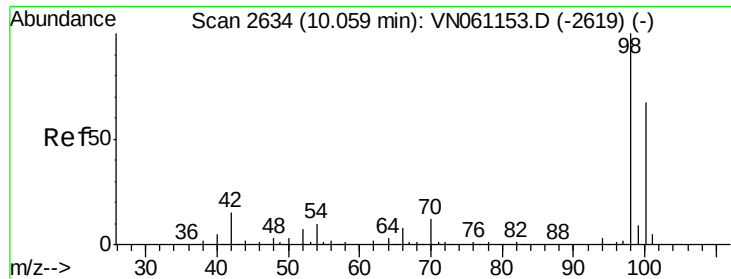
Tot Ion:113 Resp: 51436
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 18.2 14.7 22.1



#44
 Trichloroethene
 Concen: 1.313 ug/l
 RT: 8.80 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VN061338.D
 Acq: 7 May 2020 16:53

Tgt Ion:130 Resp: 1793
 Ion Ratio Lower Upper
 130 100
 95 113.0 0.0 212.4

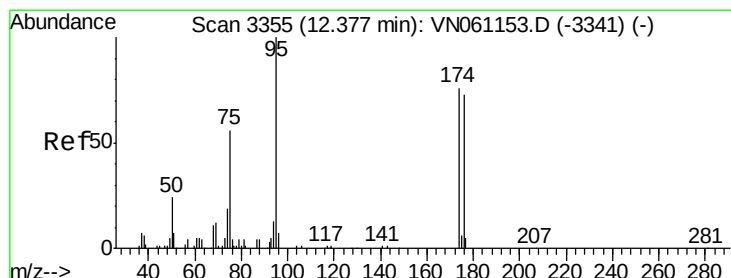
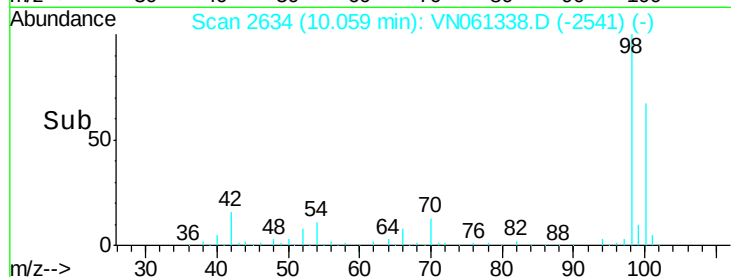
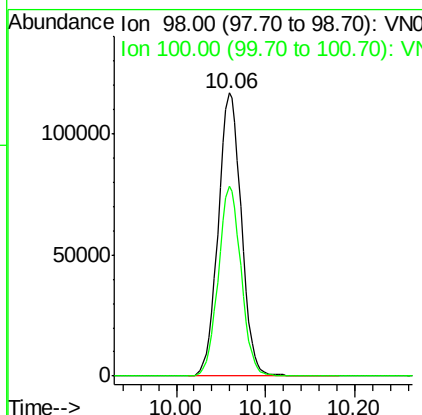
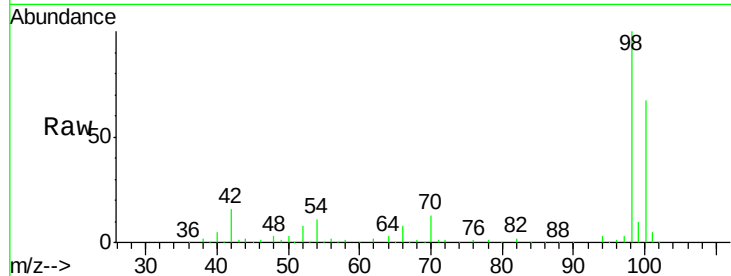




#50
Toluene-d8
Concen: 51.425 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061338.D
Acq: 7 May 2020 16:53

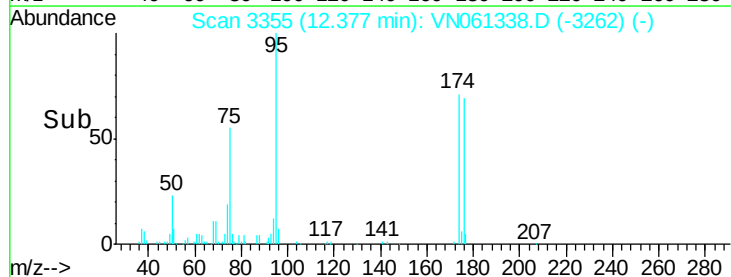
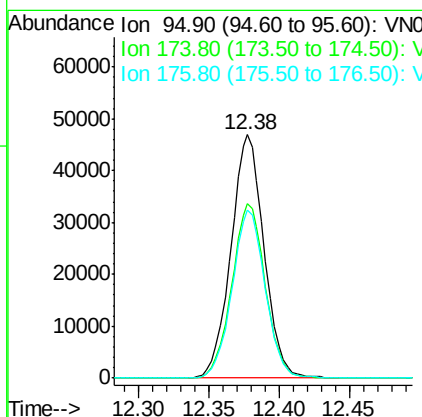
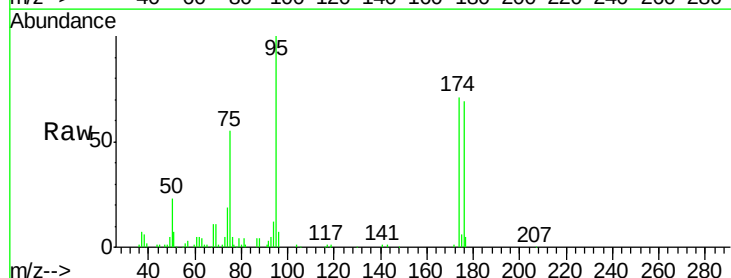
Instrument :
MSVOA_N
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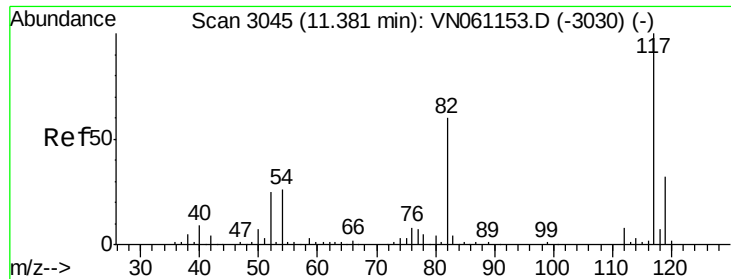
Tot Ion: 98 Resp: 209997
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.923 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061338.D
Acq: 7 May 2020 16:53

Tgt Ion: 95 Resp: 76717
Ion Ratio Lower Upper
95 100
174 72.4 0.0 149.4
176 69.3 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061338.D

Acq: 7 May 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

ST008MW172-200504

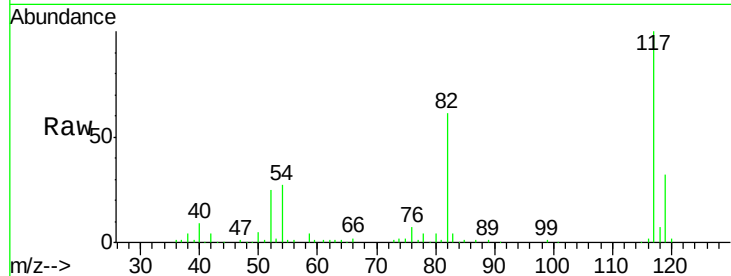
Tot Ion:117 Resp: 162759

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

120000

100000

80000

60000

40000

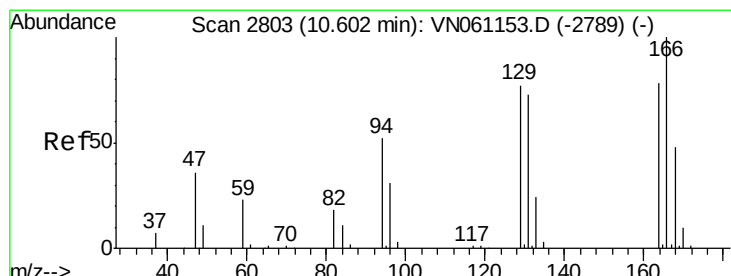
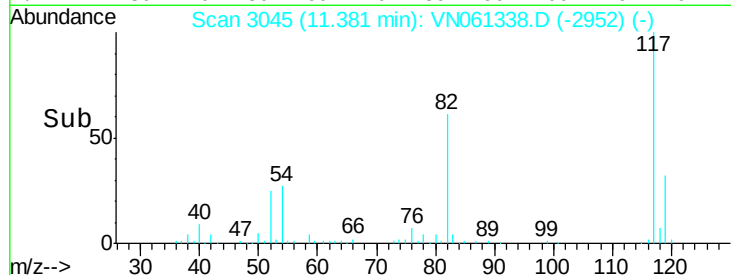
20000

0

11.38

11.30 11.40 11.50

Time-->



#64

Tetrachloroethene

Concen: 49.972 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061338.D

Acq: 7 May 2020 16:53

Tgt Ion:164 Resp: 70444

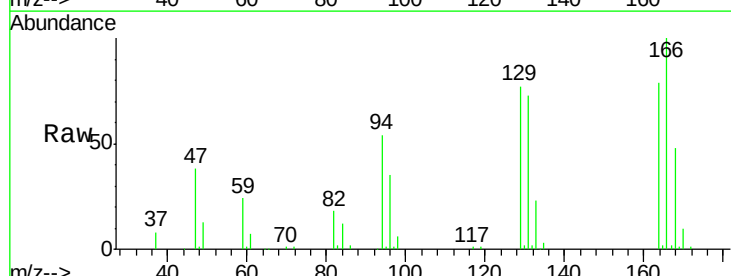
Ion Ratio Lower Upper

164 100

166 126.8 102.0 153.0

129 97.2 78.2 117.2

131 92.7 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

80000

60000

40000

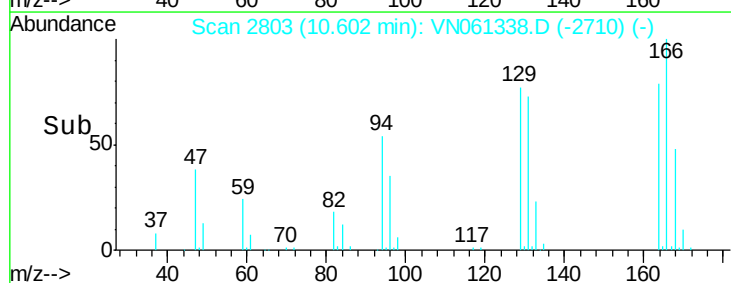
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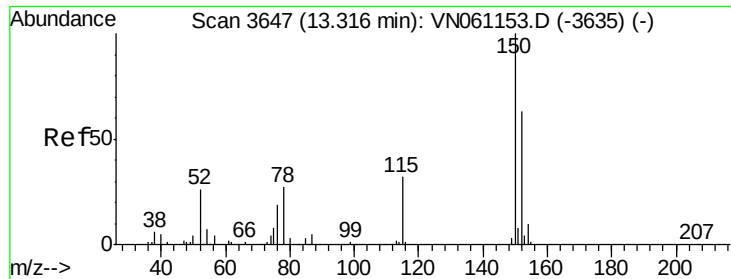
0

10.60

10.55 10.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061338.D

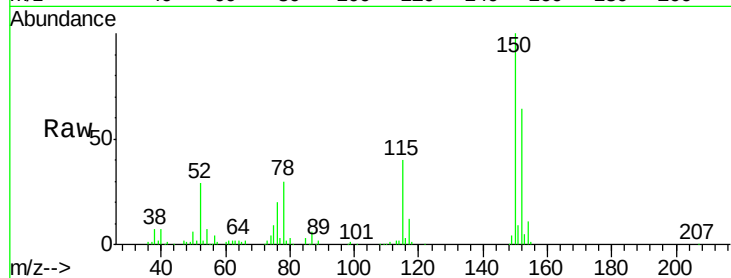
Acq: 7 May 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

ST008MW172-200504



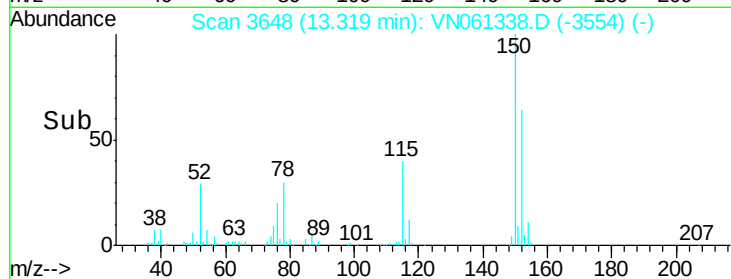
Tot Ion:152 Resp: 69106

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

150 157.7 0.0 351.8



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

