

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061339.D
 Acq On : 7 May 2020 17:16
 Operator : JC/MD
 Sample : L2548-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW186-200504

Quant Time: May 08 03:36:16 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

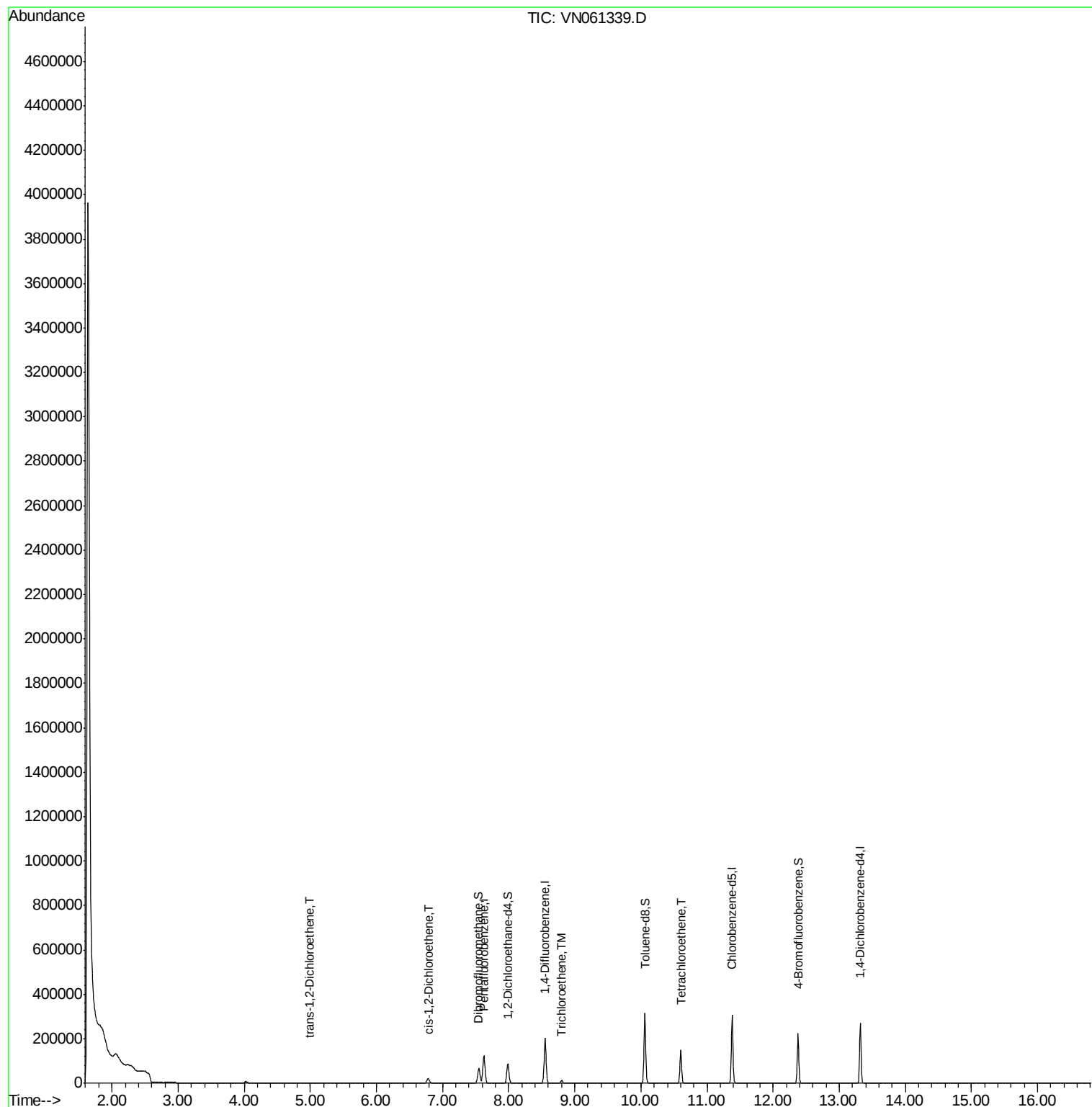
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	91332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	165799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	65807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	76334	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
35) Dibromofluoromethane	7.55	113	51722	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	10.06	98	207194	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.38	95	73029	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
21) trans-1,2-Dichloroethene	4.99	96	1341	1.278	ug/l #	79
27) cis-1,2-Dichloroethene	6.78	96	12444	10.106	ug/l	90
44) Trichloroethene	8.80	130	4151	3.105	ug/l	90
64) Tetrachloroethene	10.60	164	32310	23.266	ug/l	97

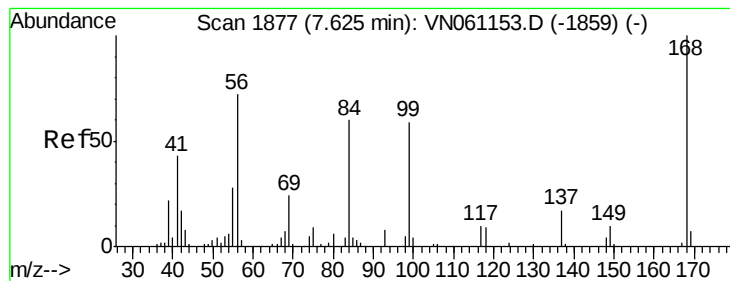
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061339.D

Acq: 7 May 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

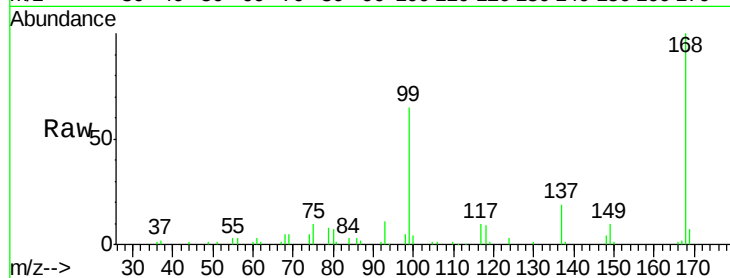
ST008MW186-200504

Tot Ion:168 Resp: 91332

Ion Ratio Lower Upper

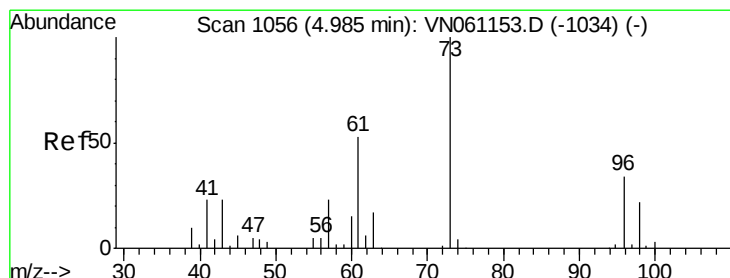
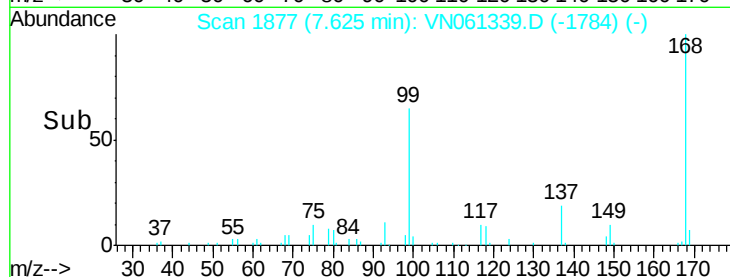
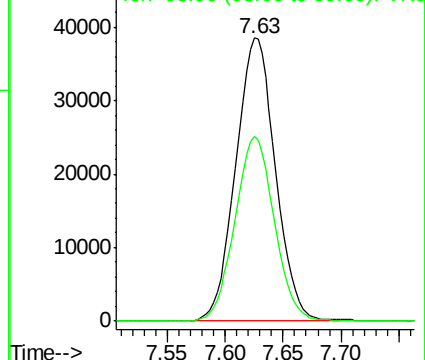
168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#21

trans-1,2-Dichloroethene

Concen: 1.278 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

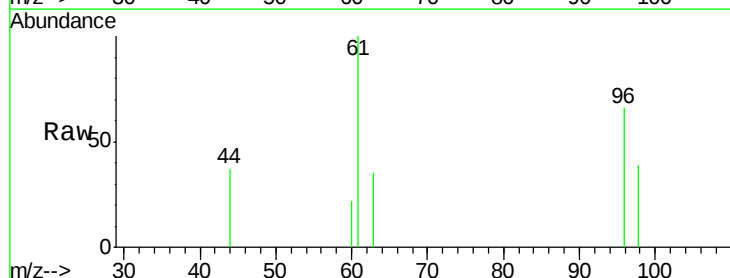
Tgt Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 118.3 123.0 184.4#

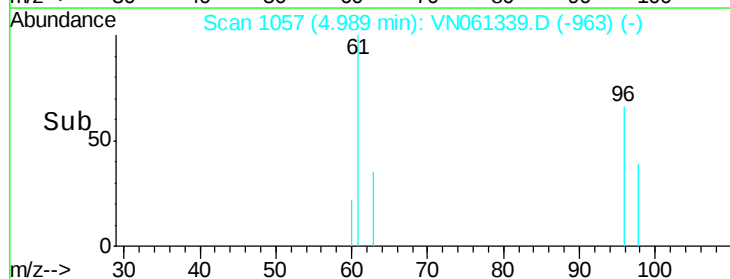
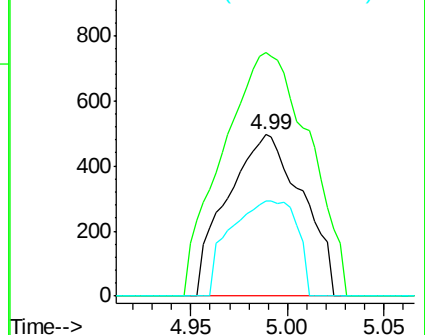
98 59.1 50.1 75.1

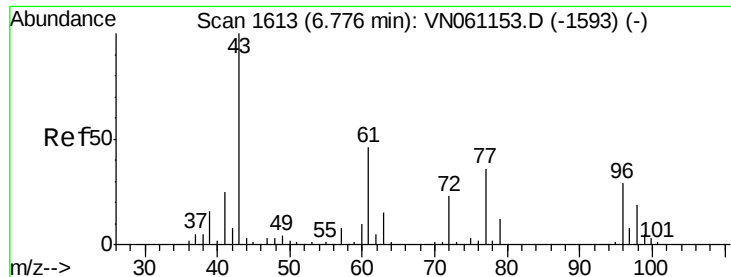


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 10.106 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

ST008MW186-200504

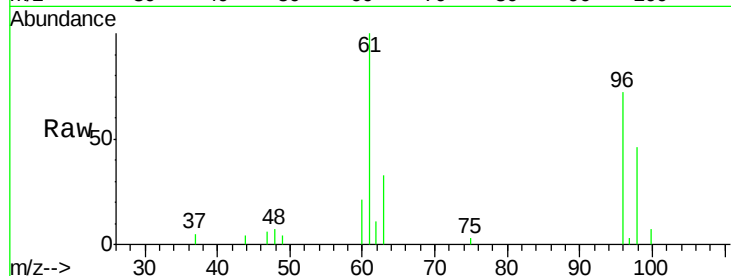
Tot Ion: 96 Resp: 12444

Ion Ratio Lower Upper

96 100

61 142.4 0.0 322.0

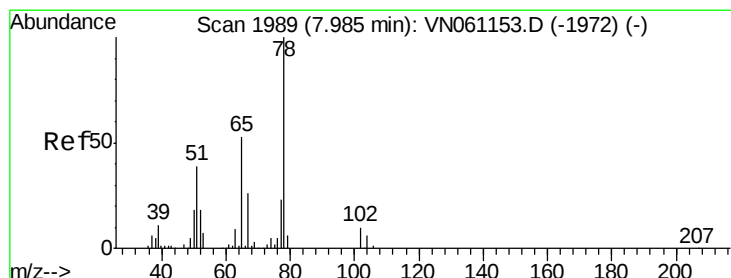
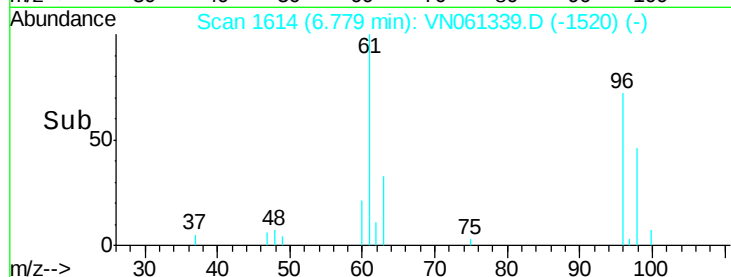
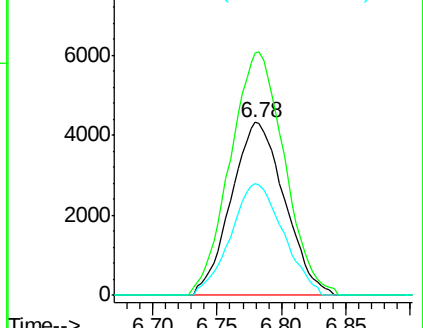
98 63.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.821 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061339.D

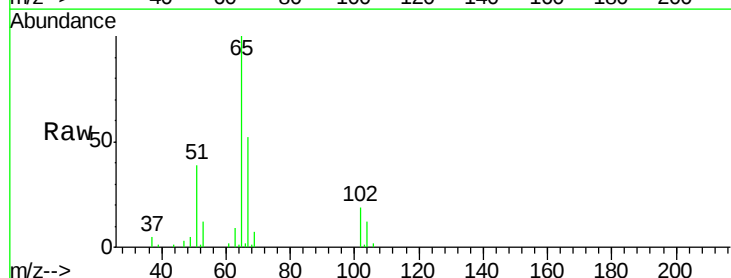
Acq: 7 May 2020 17:16

Tgt Ion: 65 Resp: 76334

Ion Ratio Lower Upper

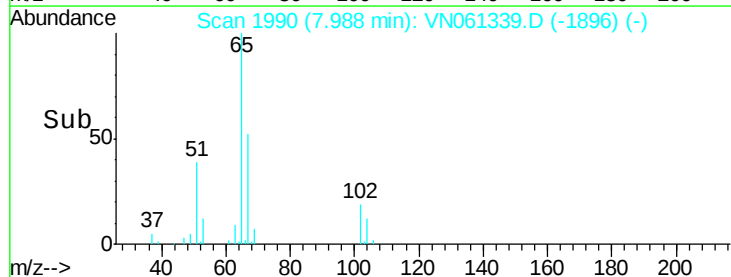
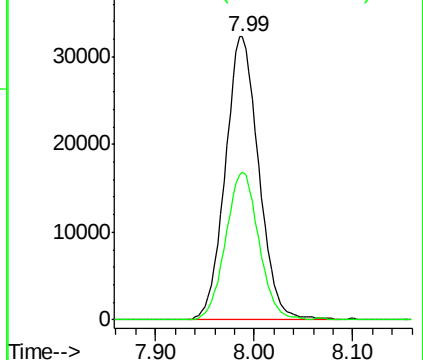
65 100

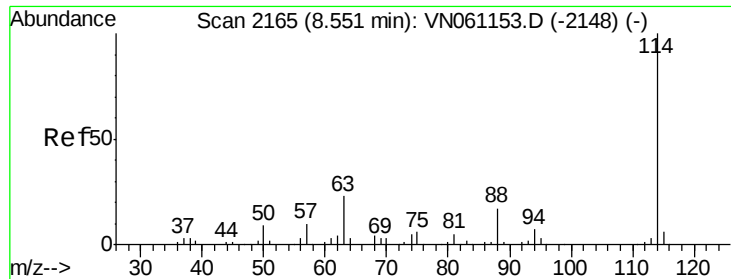
67 51.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

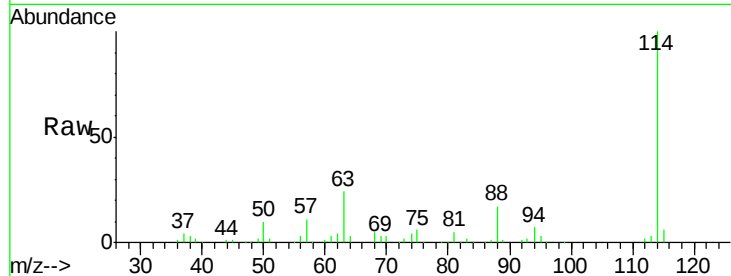




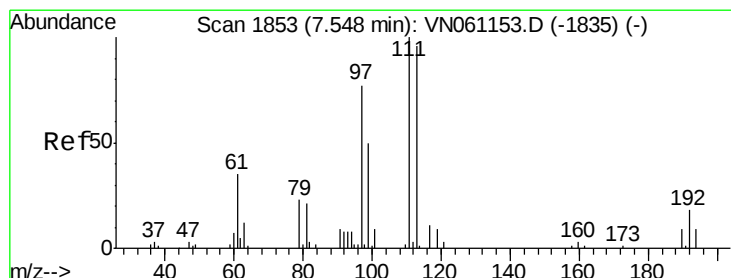
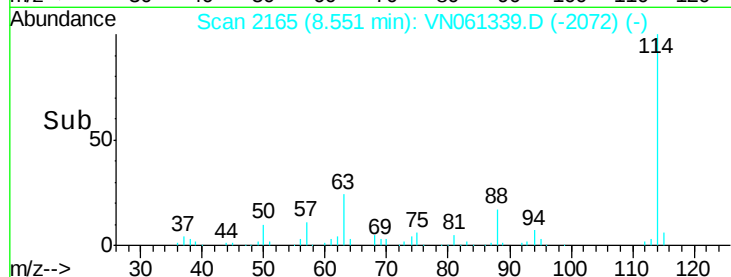
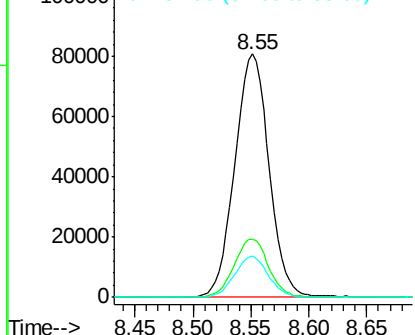
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061339.D
 Acq: 7 May 2020 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW186-200504

Tot Ion:114 Resp: 165799
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.9 0.0 33.4

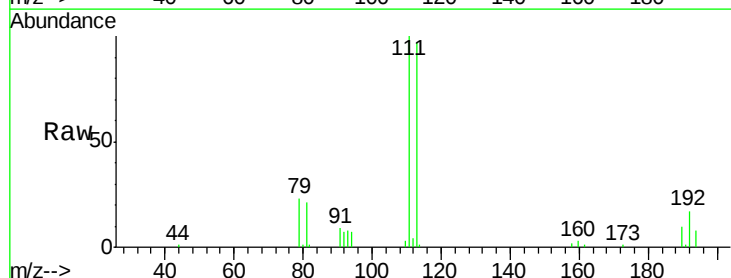


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

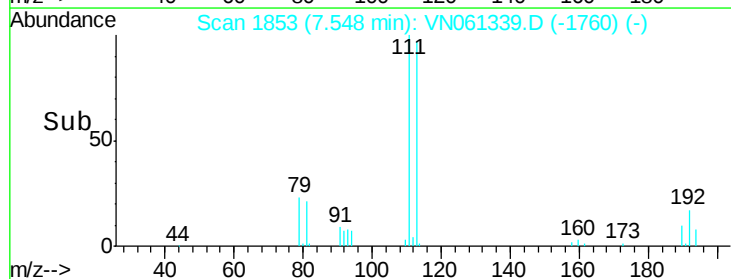
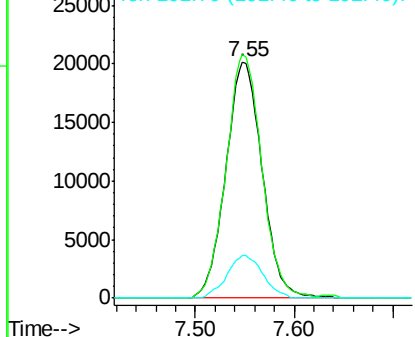


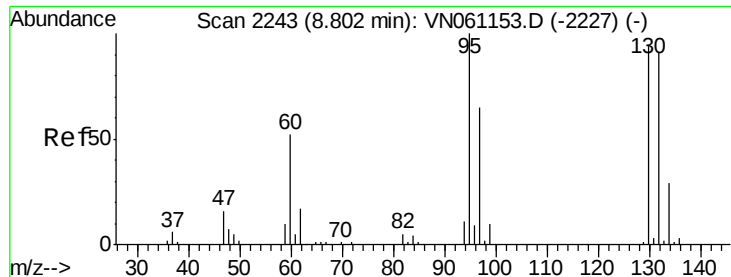
#35
 Dibromofluoromethane
 Concen: 52.756 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061339.D
 Acq: 7 May 2020 17:16

Tgt Ion:113 Resp: 51722
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 17.8 14.7 22.1



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





#44

Trichloroethene

Concen: 3.105 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

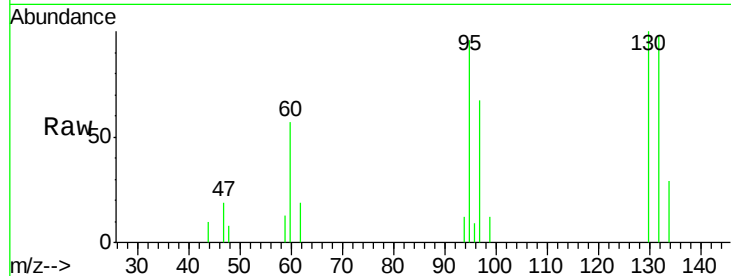
ST008MW186-200504

Tot Ion:130 Resp: 4151

Ion Ratio Lower Upper

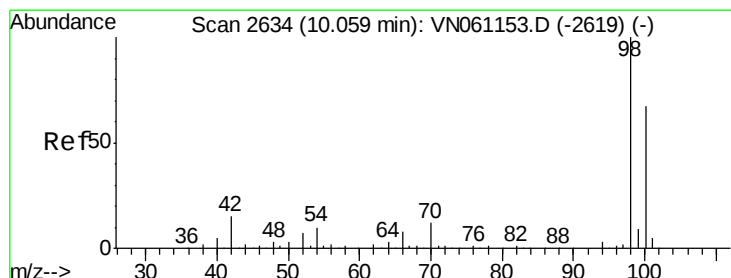
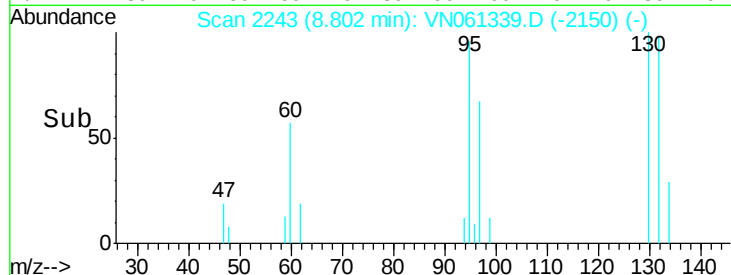
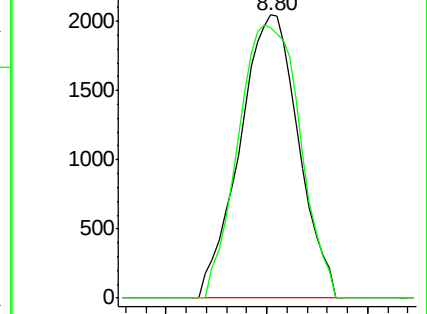
130 100

95 95.7 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.842 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061339.D

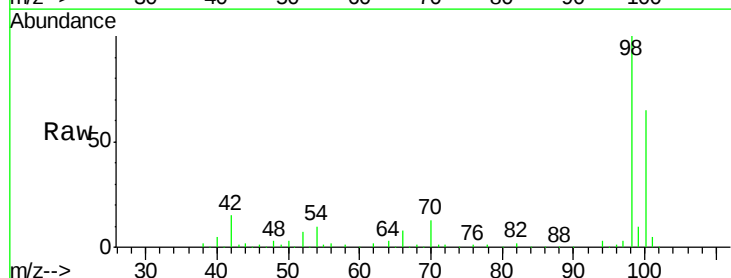
Acq: 7 May 2020 17:16

Tgt Ion: 98 Resp: 207194

Ion Ratio Lower Upper

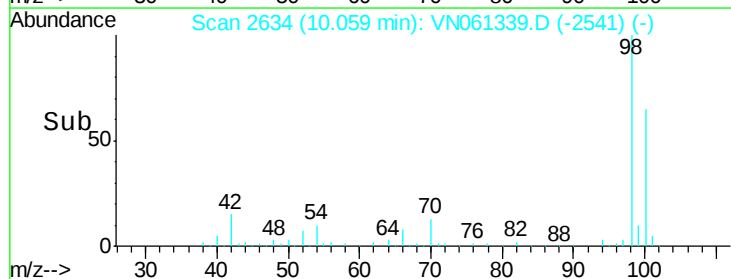
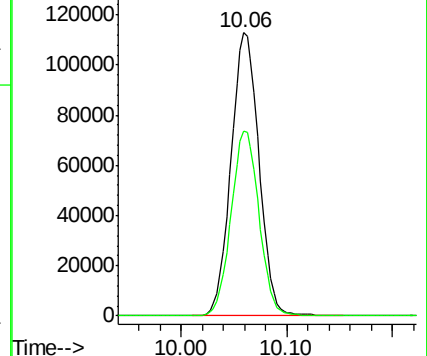
98 100

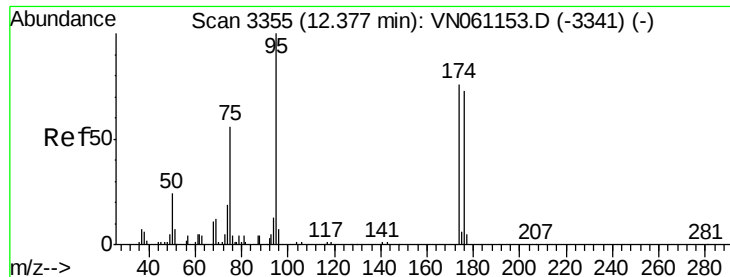
100 65.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.556 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

ST008MW186-200504

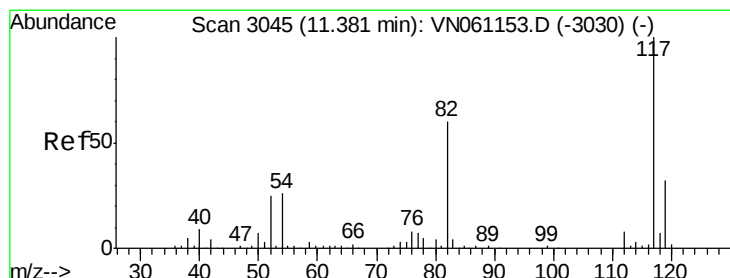
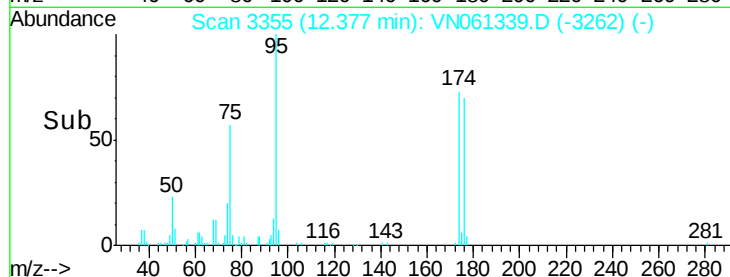
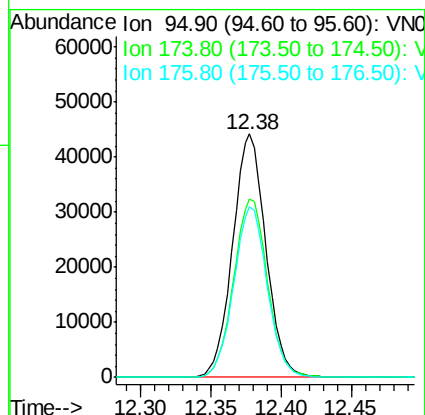
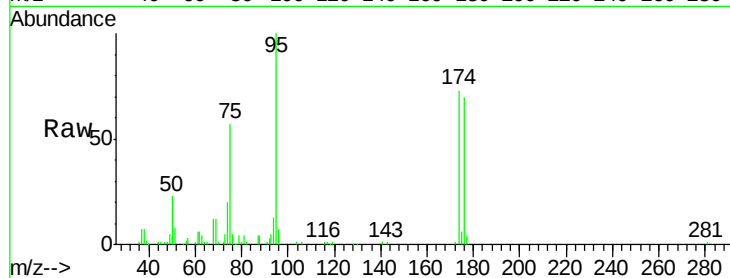
Tot Ion: 95 Resp: 73029

Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.4

176 70.8 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: VN061339.D

Acq: 7 May 2020 17:16

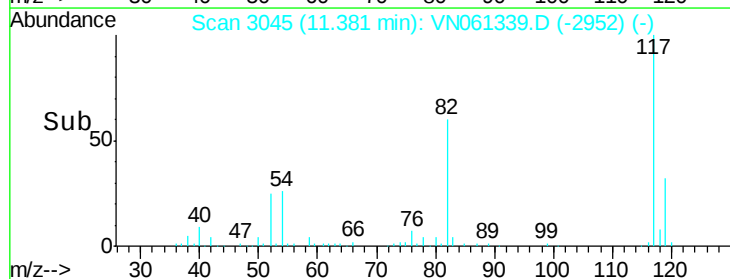
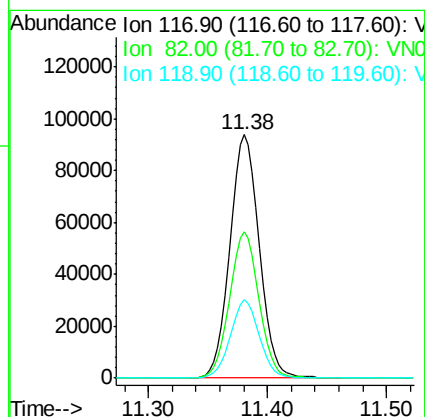
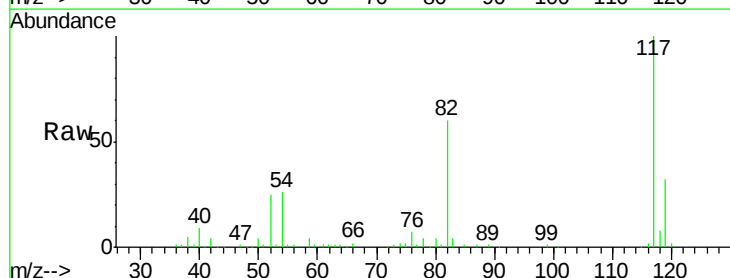
Tgt Ion: 117 Resp: 160339

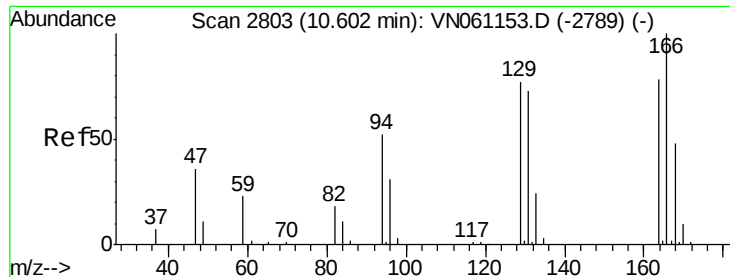
Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.8

119 32.0 25.8 38.6





#64

Tetrachloroethene

Concen: 23.266 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:164 Resp: 32310

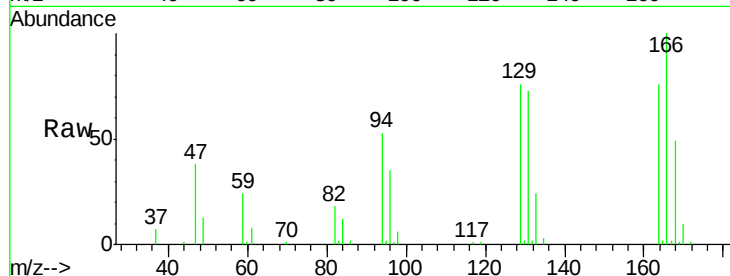
Ion Ratio Lower Upper

164 100

166 130.9 102.0 153.0

129 99.5 78.2 117.2

131 95.7 74.5 111.7

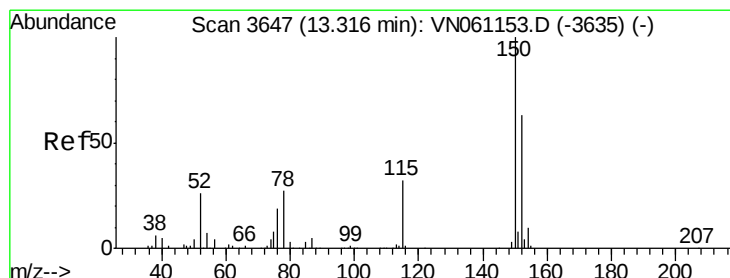
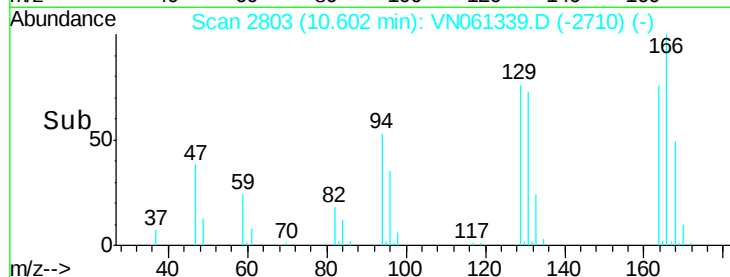
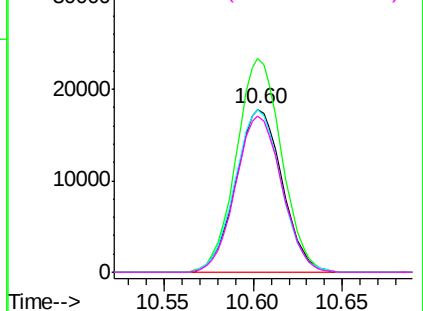


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061339.D

Acq: 7 May 2020 17:16

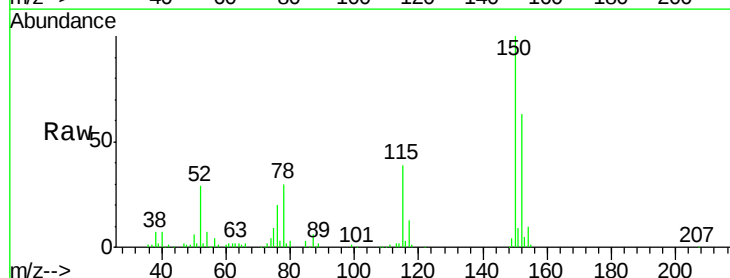
Tgt Ion:152 Resp: 65807

Ion Ratio Lower Upper

152 100

115 62.9 31.0 93.0

150 157.9 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

