

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061341.D
 Acq On : 7 May 2020 18:02
 Operator : JC/MD
 Sample : L2548-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS036MW004-200504

Quant Time: May 08 03:42:58 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

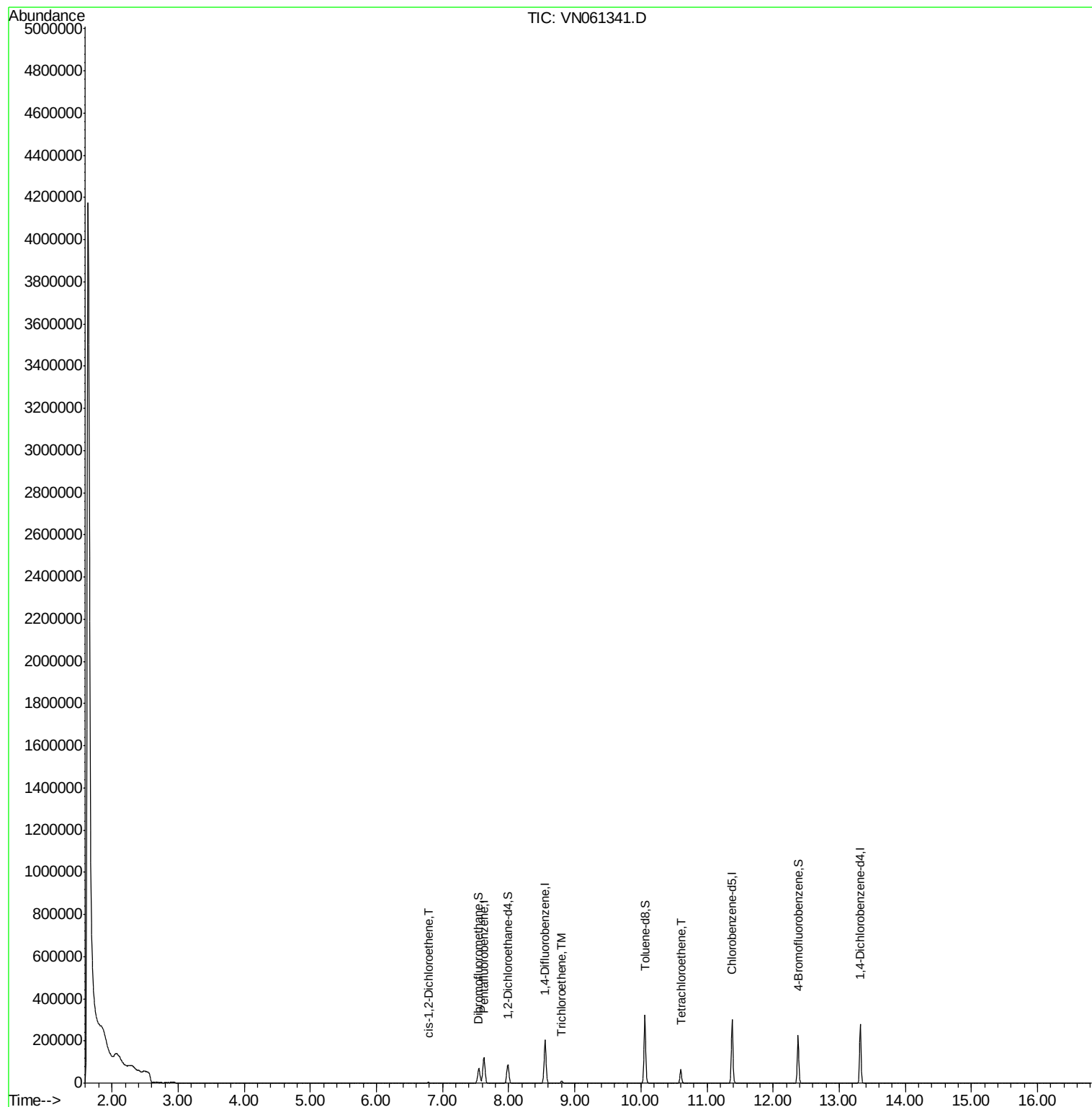
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	68631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78803	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.55	113	52190	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	10.06	98	211369	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.38	95	75534	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	2041	1.644	ug/l	87
44) Trichloroethene	8.80	130	3382	2.495	ug/l	98
64) Tetrachloroethene	10.60	164	14257	10.263	ug/l	97

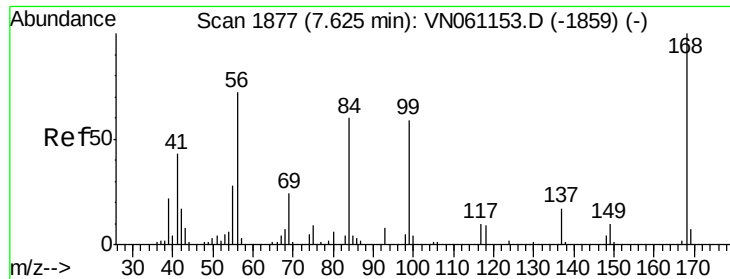
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061341.D

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ClientSampleId :

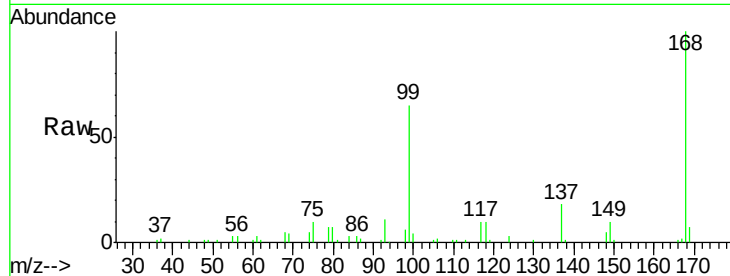
SS036MW004-200504

Tot Ion:168 Resp: 92055

Ion Ratio Lower Upper

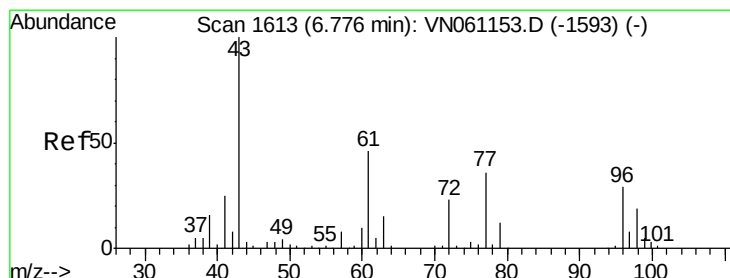
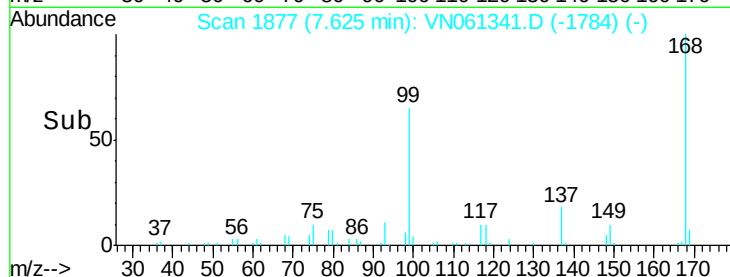
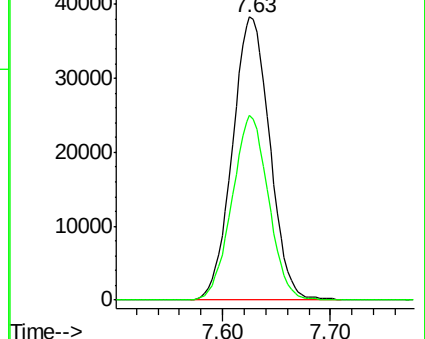
168 100

99 65.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#27

cis-1,2-Dichloroethene

Concen: 1.644 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061341.D

Acq: 7 May 2020 18:02

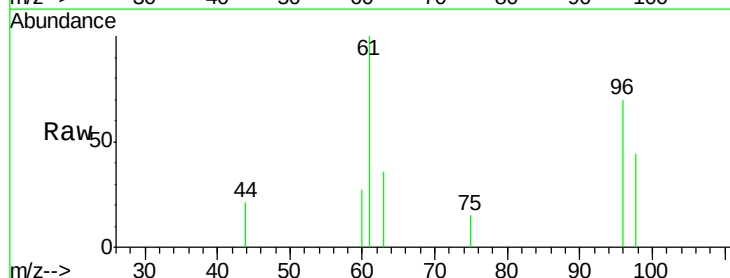
Tgt Ion: 96 Resp: 2041

Ion Ratio Lower Upper

96 100

61 141.5 0.0 322.0

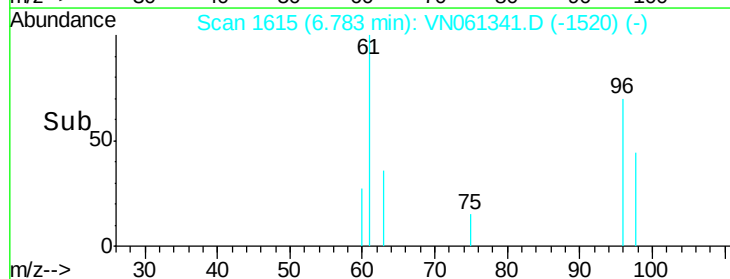
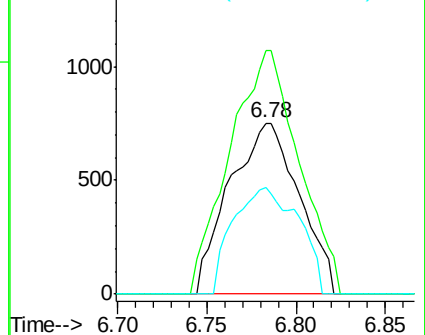
98 58.8 0.0 129.6

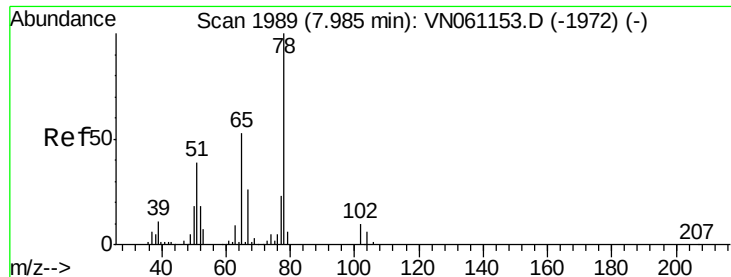


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

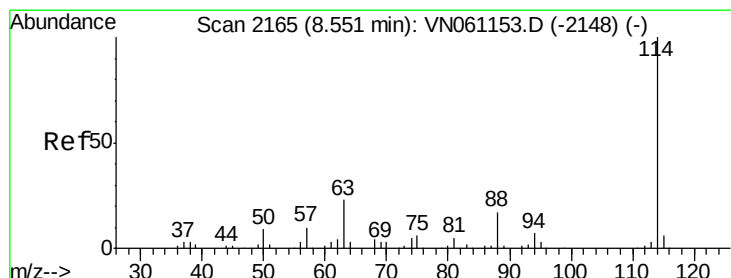
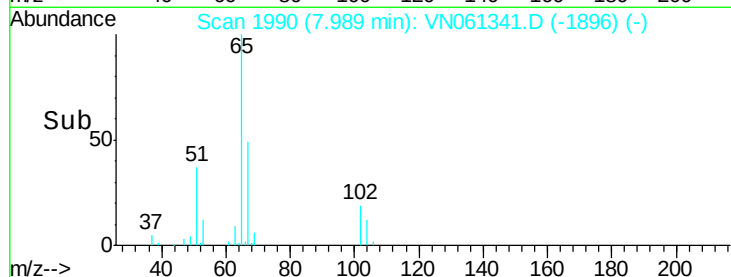
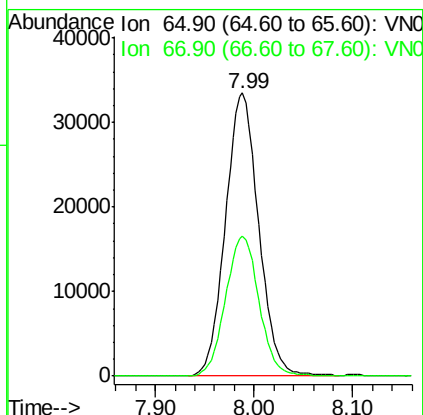
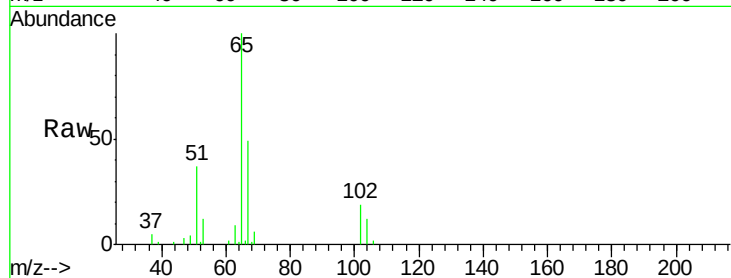




#33
 1,2-Dichloroethane-d4
 Concen: 54.101 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061341.D
 Acq: 7 May 2020 18:02

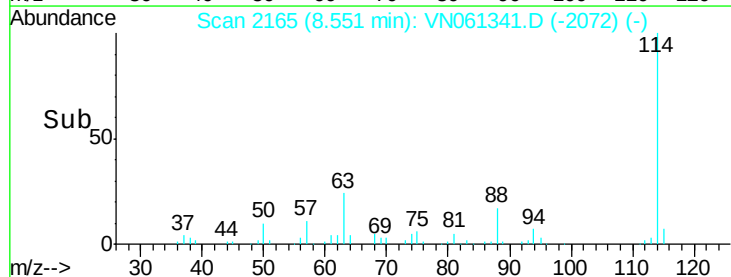
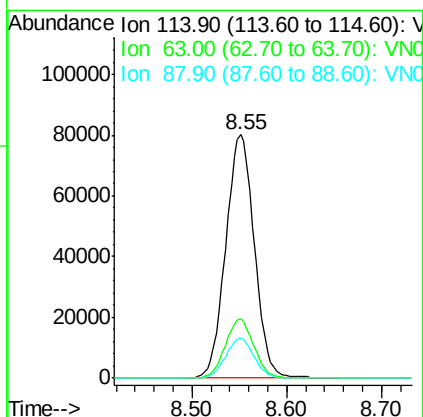
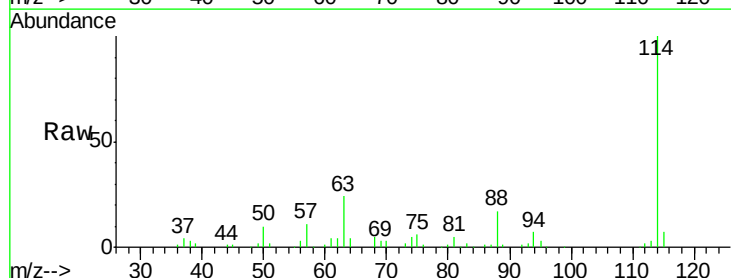
Instrument :
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 SS036MW004-200504

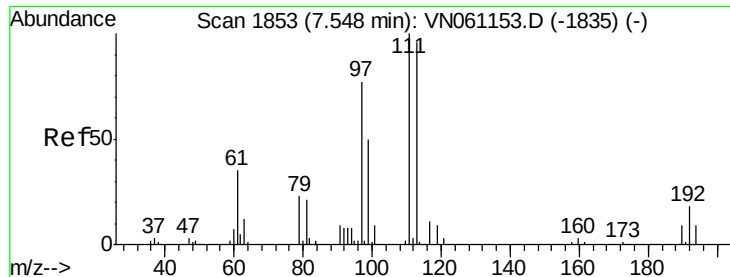
Tot Ion: 65 Resp: 78803
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061341.D
 Acq: 7 May 2020 18:02

Tgt Ion: 114 Resp: 168144
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.7 0.0 33.4

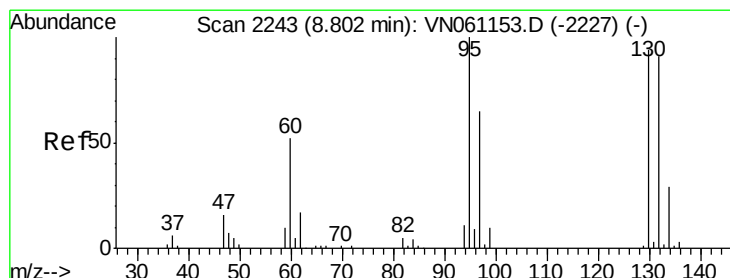
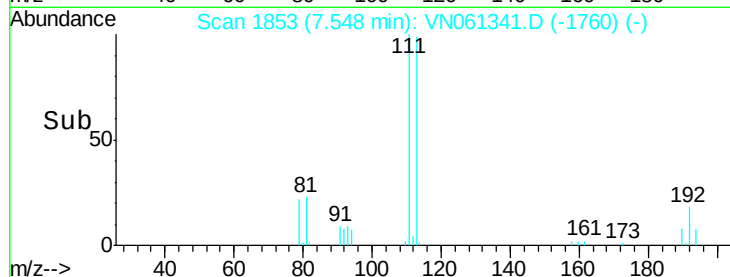
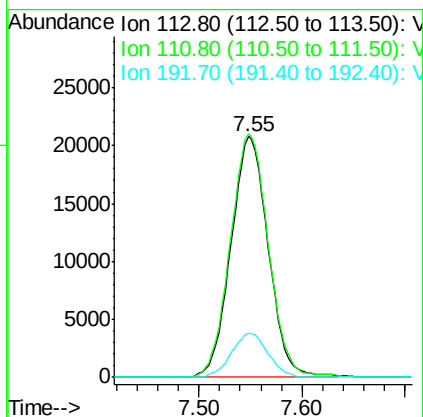
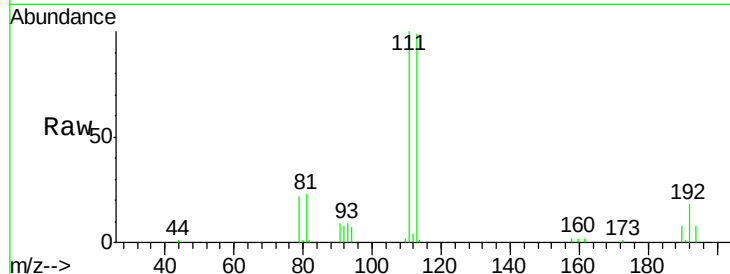




#35
 Dibromofluoromethane
 Concen: 52.491 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061341.D
 Acq: 7 May 2020 18:02

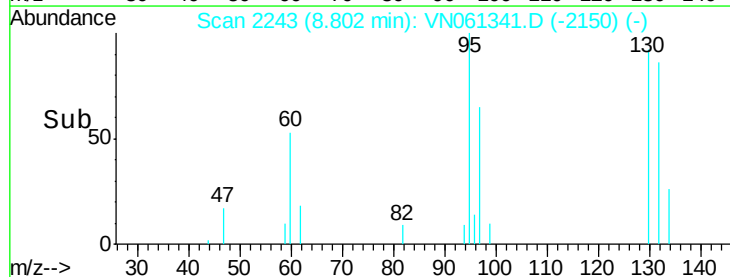
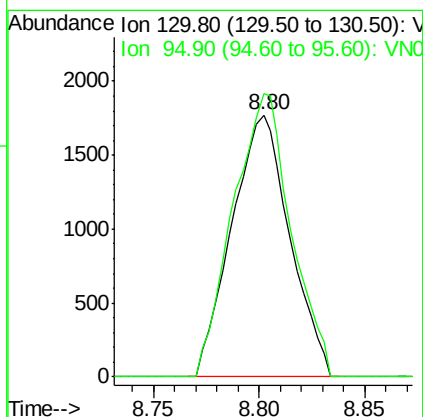
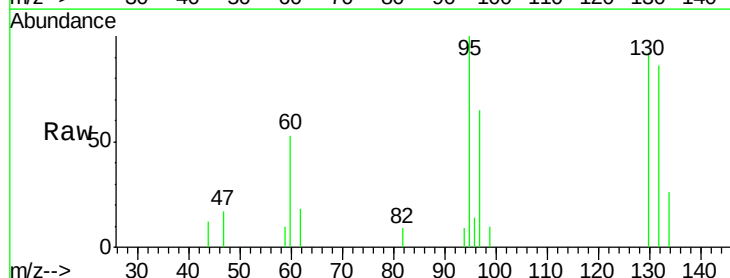
Instrument :
 MSVOA_N
 ClientSampleId :
 SS036MW004-200504

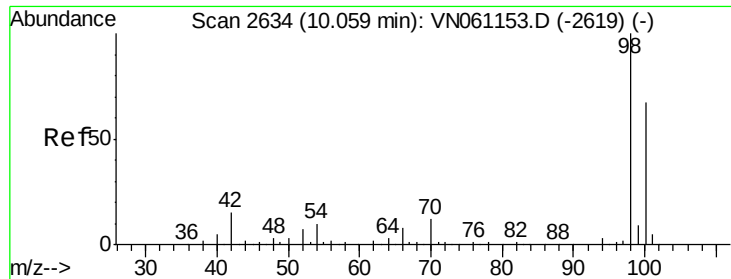
Tot Ion:113 Resp: 52190
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 18.0 14.7 22.1



#44
 Trichloroethene
 Concen: 2.495 ug/l
 RT: 8.80 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VN061341.D
 Acq: 7 May 2020 18:02

Tgt Ion:130 Resp: 3382
 Ion Ratio Lower Upper
 130 100
 95 108.1 0.0 212.4





#50

Toluene-d8

Concen: 52.149 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061341.D

Acq: 7 May 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

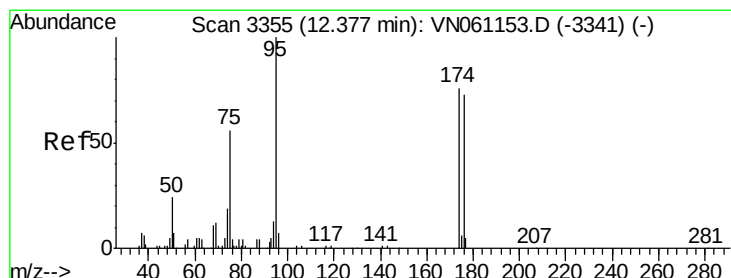
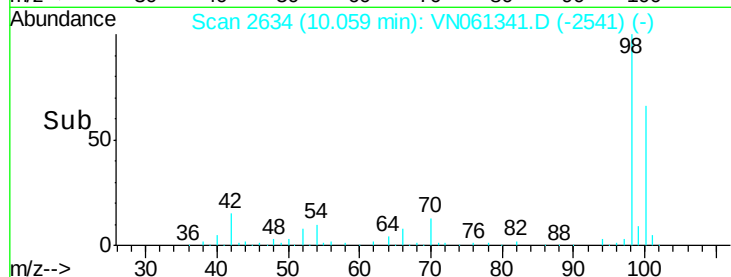
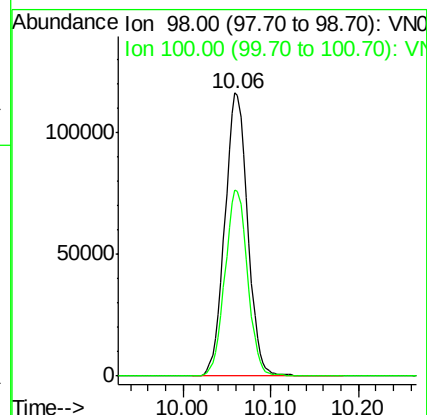
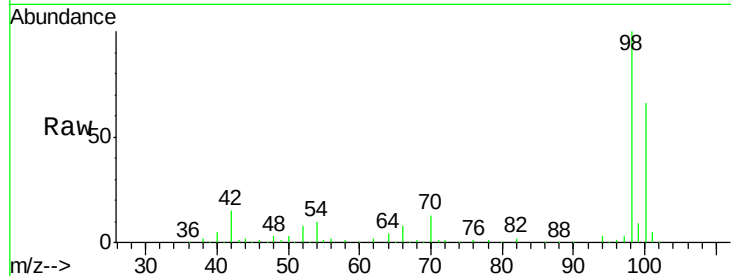
SS036MW004-200504

Tot Ion: 98 Resp: 211369

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.521 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061341.D

Acq: 7 May 2020 18:02

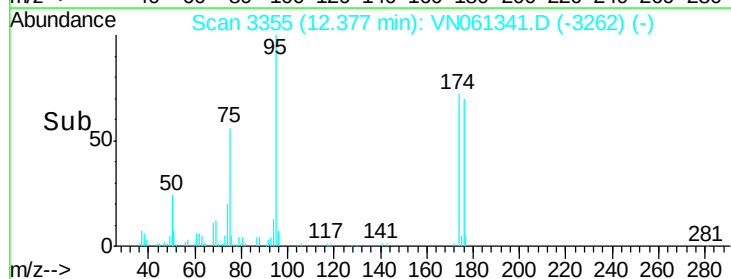
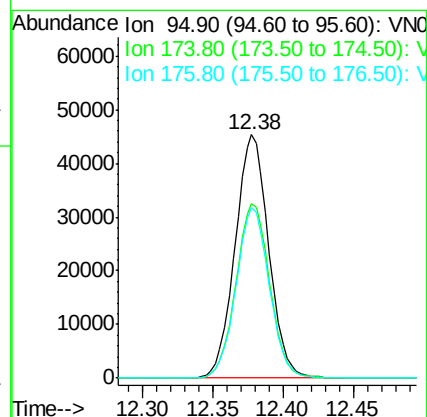
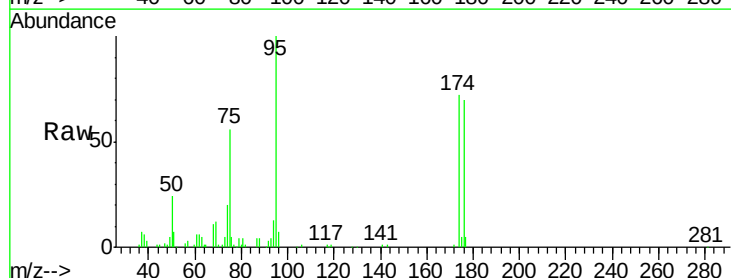
Tgt Ion: 95 Resp: 75534

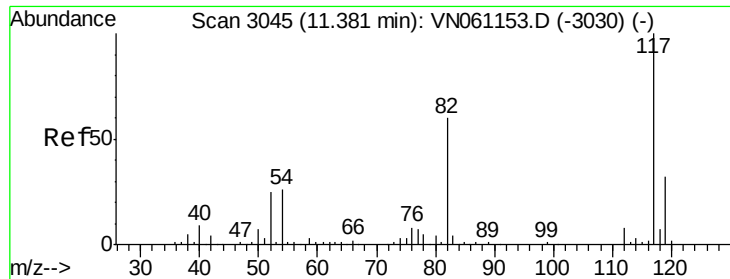
Ion Ratio Lower Upper

95 100

174 72.2 0.0 149.4

176 69.4 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: VN061341.D

Acq: 7 May 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

SS036MW004-200504

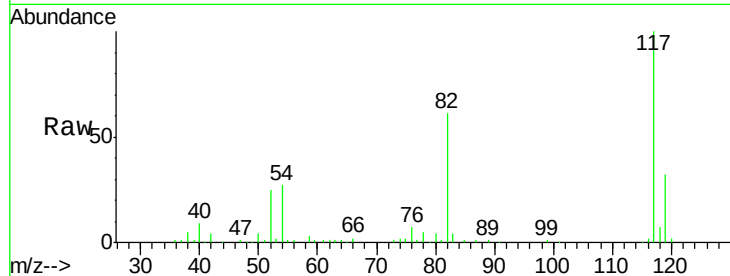
Tot Ion:117 Resp: 160392

Ion Ratio Lower Upper

117 100

82 60.5 47.8 71.8

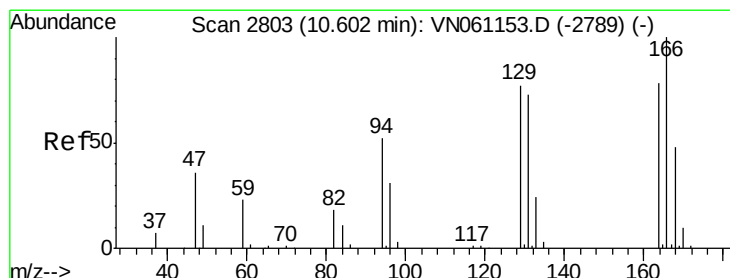
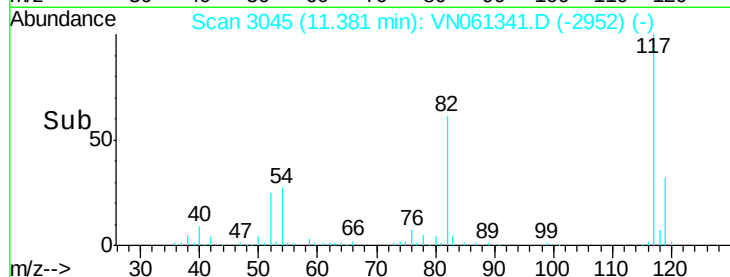
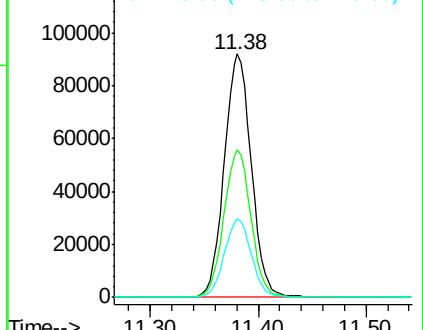
119 32.3 25.8 38.6



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



#64

Tetrachloroethene

Concen: 10.263 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061341.D

Acq: 7 May 2020 18:02

Tgt Ion:164 Resp: 14257

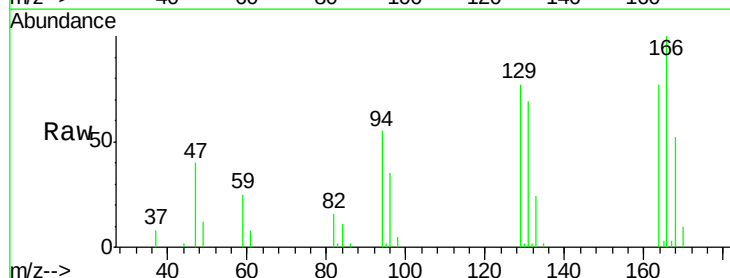
Ion Ratio Lower Upper

164 100

166 130.3 102.0 153.0

129 100.4 78.2 117.2

131 89.7 74.5 111.7

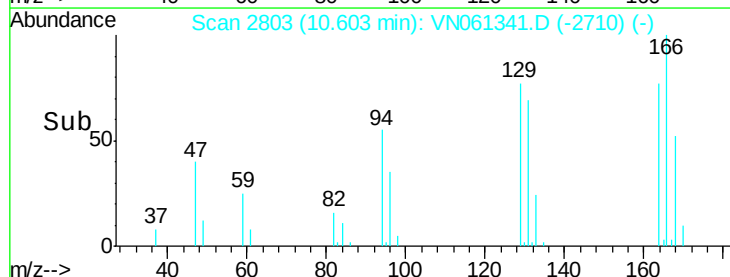
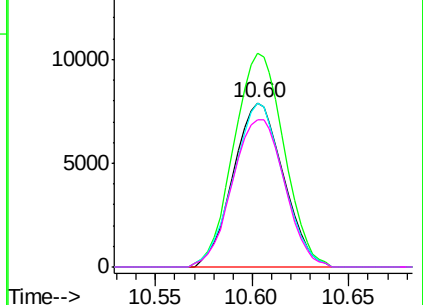


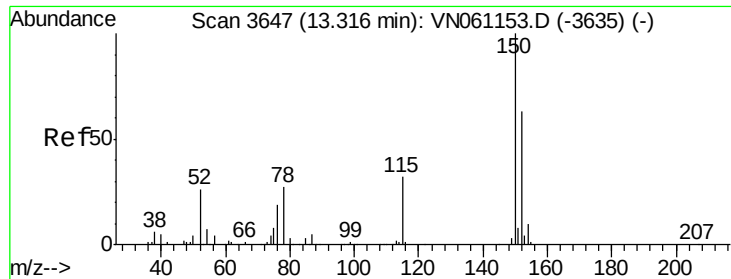
Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061341.D

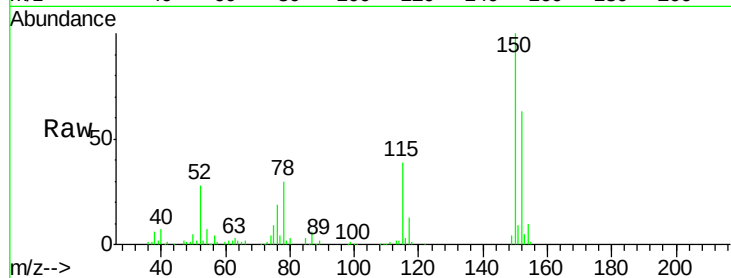
Acq: 7 May 2020 18:02

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SS036MW004-200504



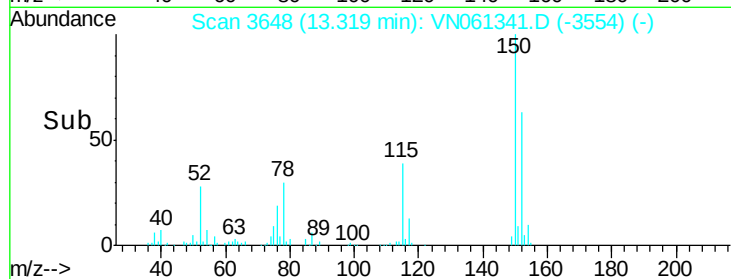
Tot Ion:152 Resp: 68631

Ion Ratio Lower Upper

152 100

115 61.5 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

