

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001653.D
 Acq On : 11 May 2018 21:28
 Operator : JC/MD
 Sample : J2741-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW012-180502

Quant Time: May 12 07:24:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

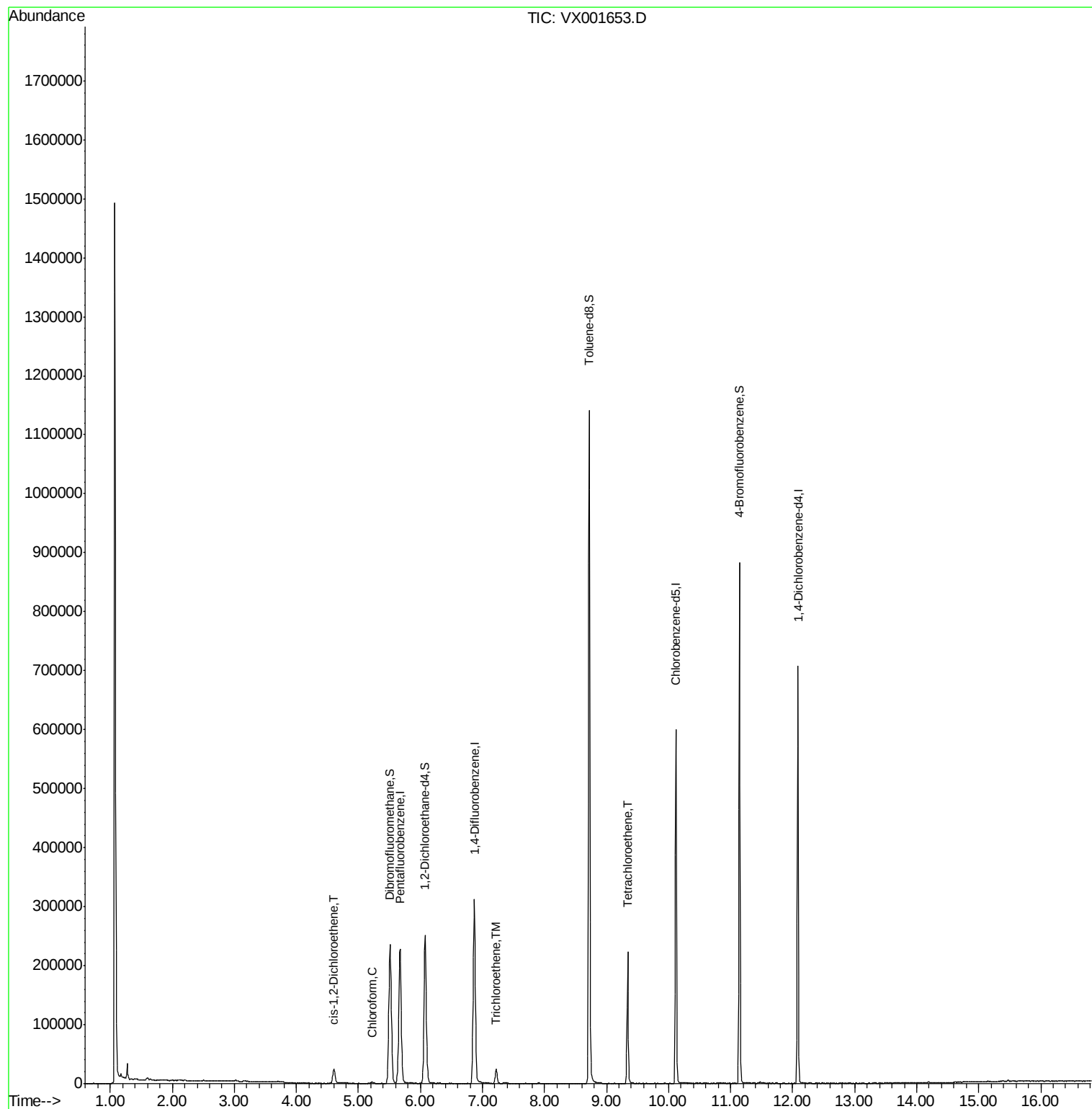
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	240296	69.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.62%	
35) Dibromofluoromethane	5.51	113	191229	66.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.42%	
50) Toluene-d8	8.72	98	663853	62.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.94%	
62) 4-Bromofluorobenzene	11.14	95	216985	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	14734	4.68	ug/l	96
30) Chloroform	5.23	83	2081	0.39	ug/l	98
44) Trichloroethene	7.22	130	9631	2.61	ug/l	97
64) Tetrachloroethene	9.34	164	46567	11.77	ug/l	98

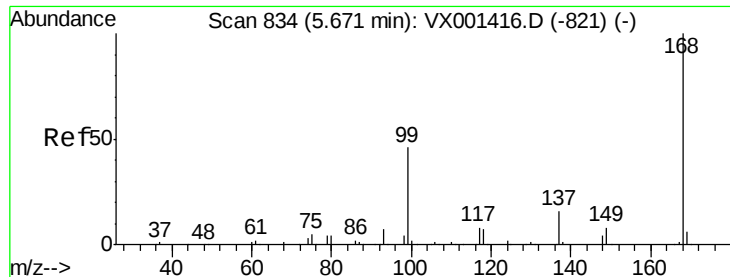
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

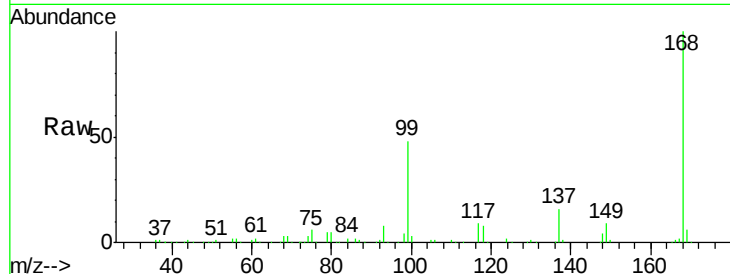
ST006MW012-180502

Tot Ion:168 Resp: 239497

Ion Ratio Lower Upper

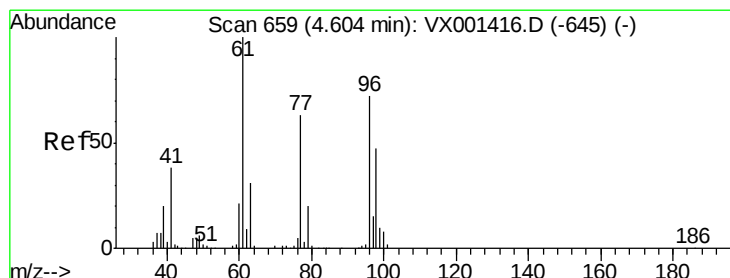
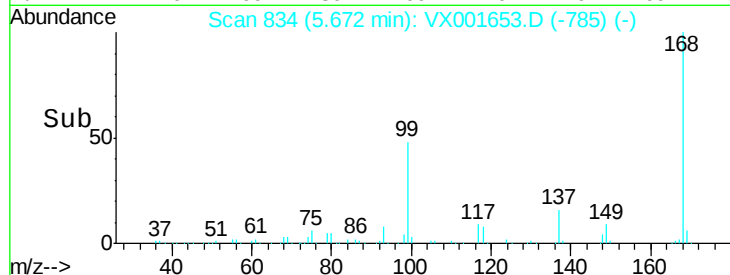
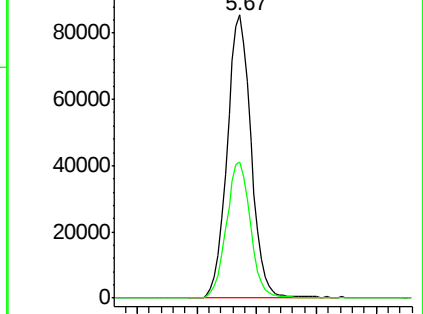
168 100

99 48.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 4.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

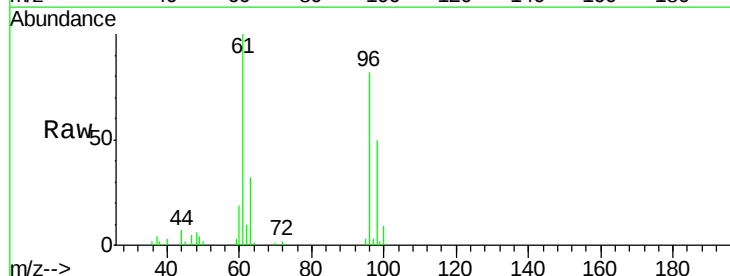
Tgt Ion: 96 Resp: 14734

Ion Ratio Lower Upper

96 100

61 142.9 0.0 301.6

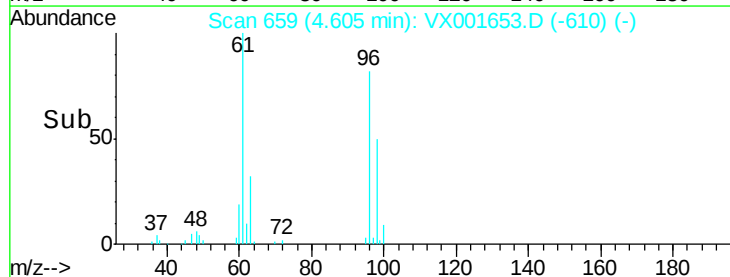
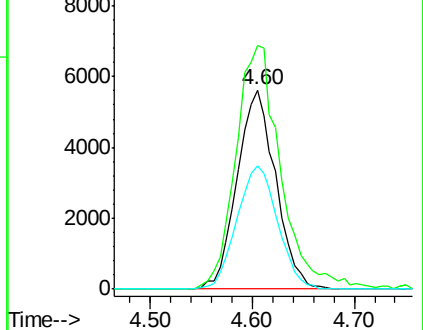
98 65.5 0.0 131.6

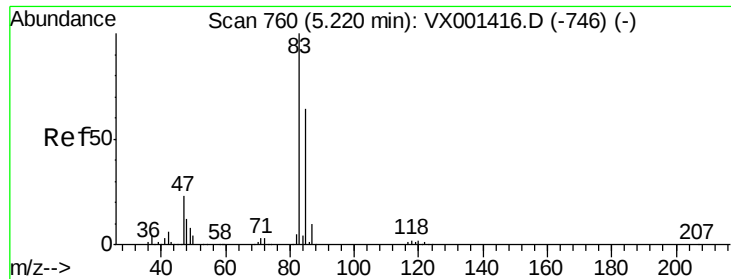


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

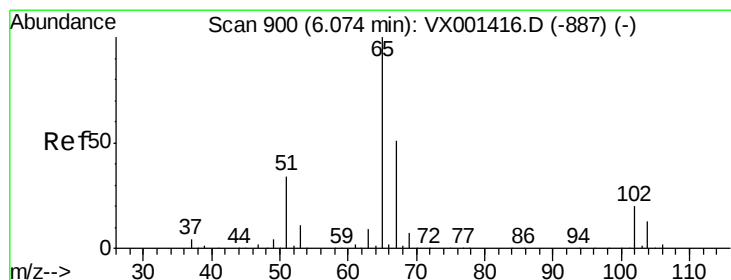
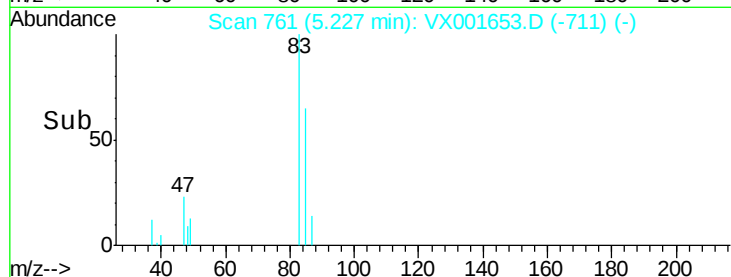
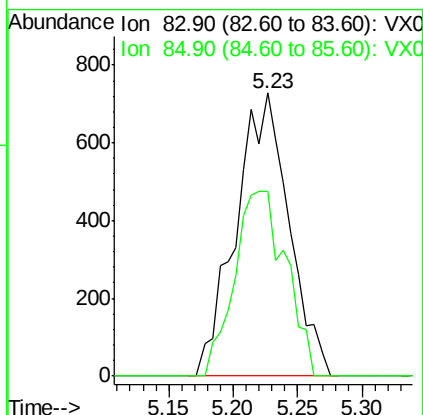
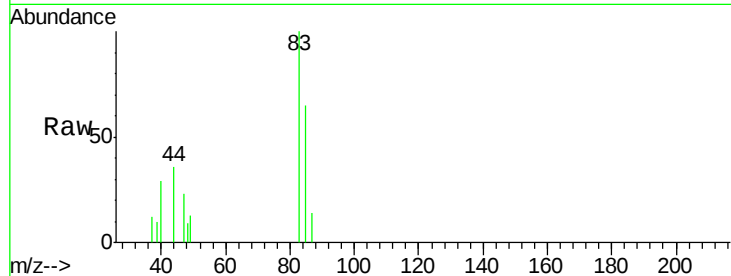




#30
Chloroform
Concen: 0.39 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001653.D
Acq: 11 May 2018 21:28

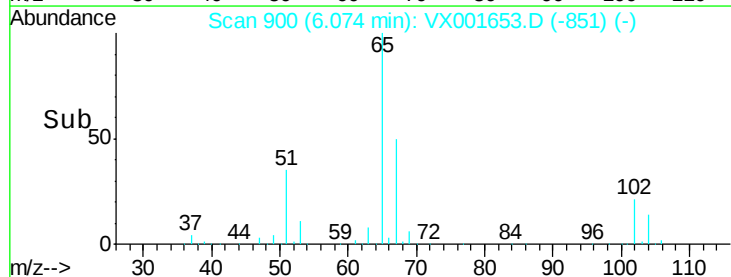
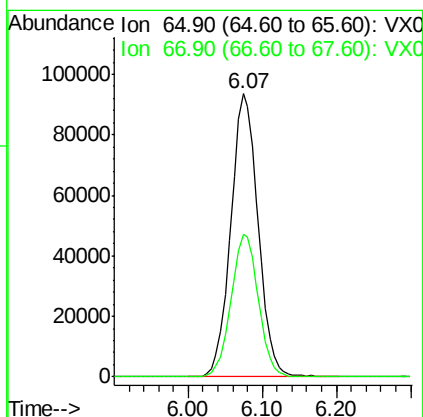
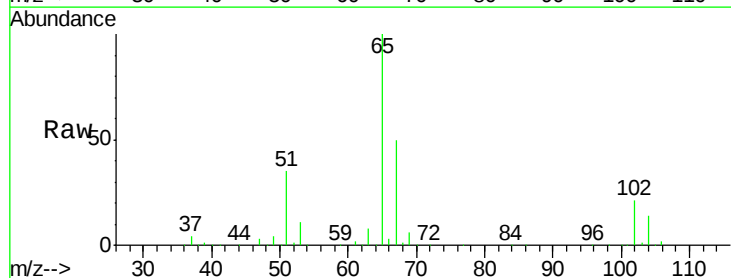
Instrument :
MSVOA_X
ClientSampleId :
ST006MW012-180502

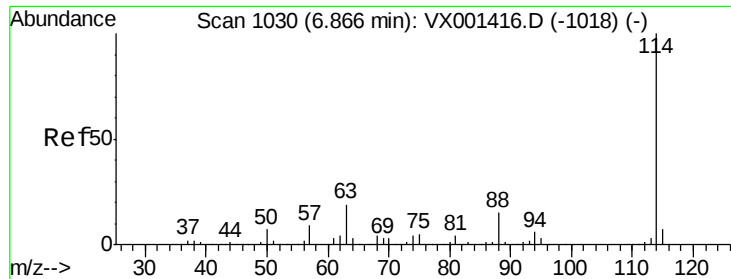
Tot Ion: 83 Resp: 2081
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 69.81 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001653.D
Acq: 11 May 2018 21:28

Tgt Ion: 65 Resp: 240296
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

ST006MW012-180502

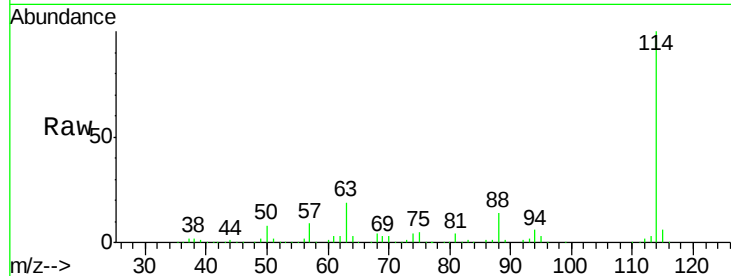
Tot Ion:114 Resp: 324707

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

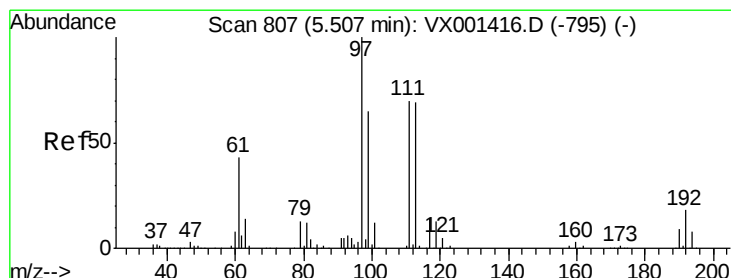
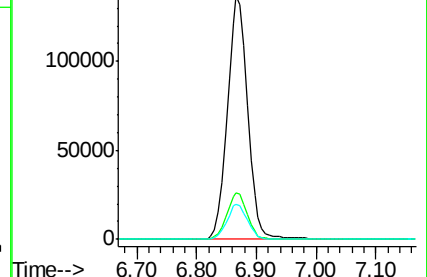
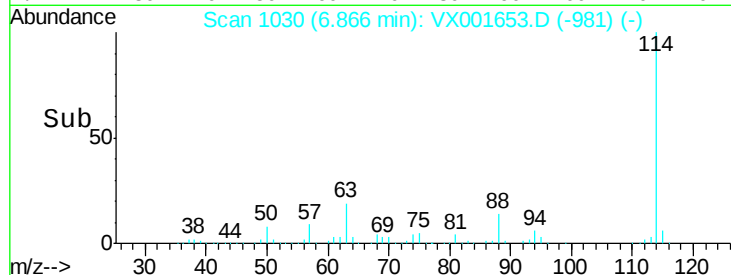
88 14.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 66.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

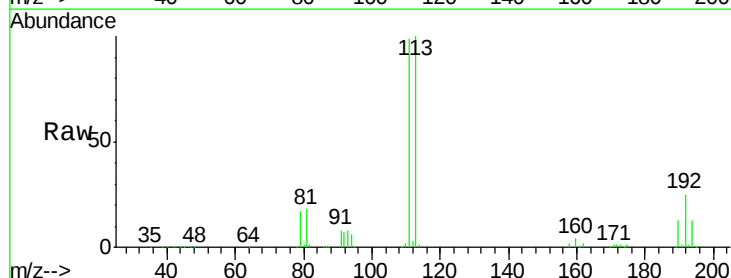
Tgt Ion:113 Resp: 191229

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

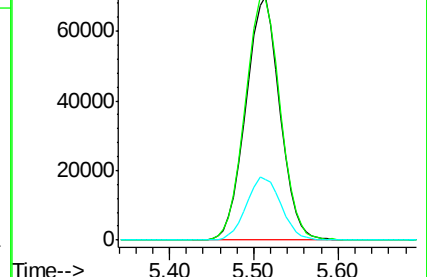
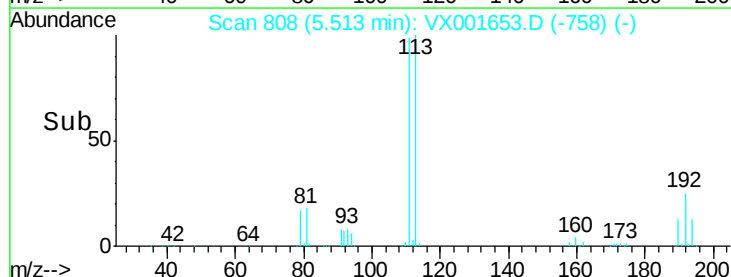
192 26.4 21.4 32.0

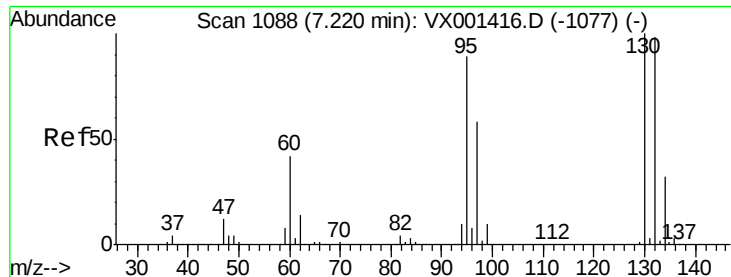


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.61 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

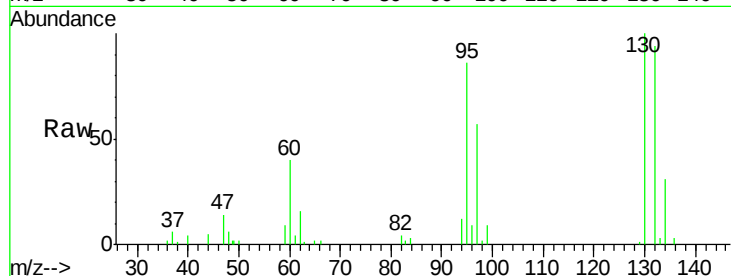
ST006MW012-180502

Tot Ion:130 Resp: 9631

Ion Ratio Lower Upper

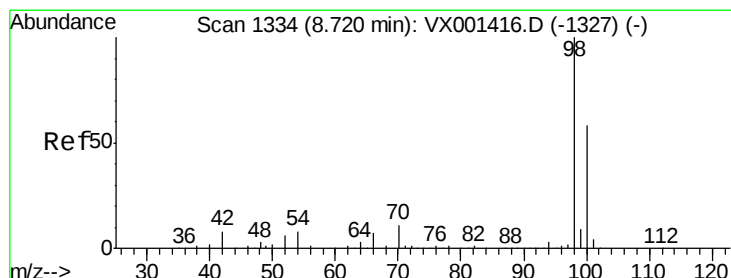
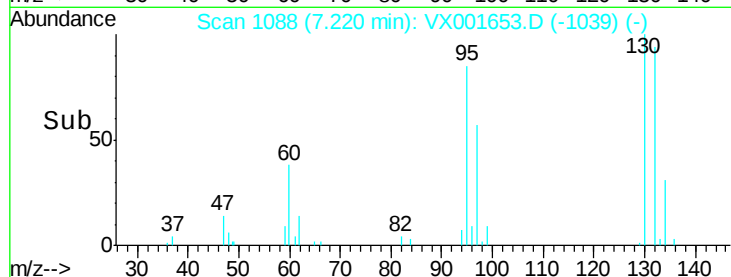
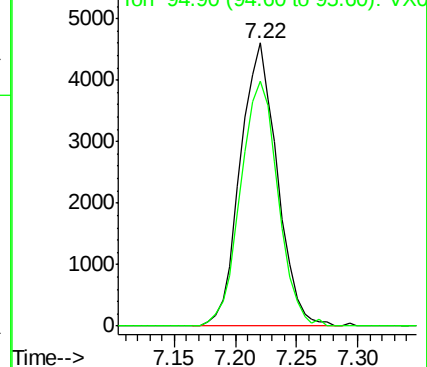
130 100

95 86.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 62.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001653.D

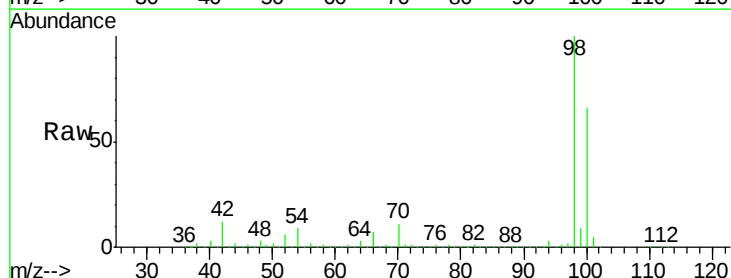
Acq: 11 May 2018 21:28

Tgt Ion: 98 Resp: 663853

Ion Ratio Lower Upper

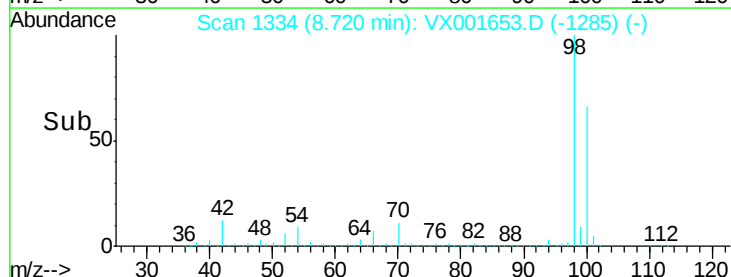
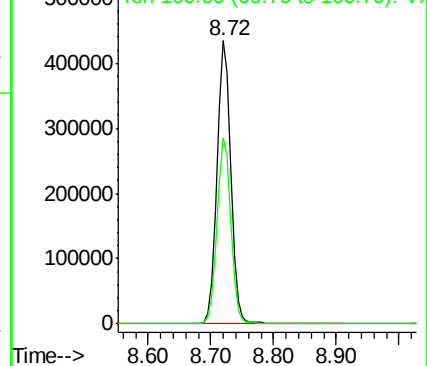
98 100

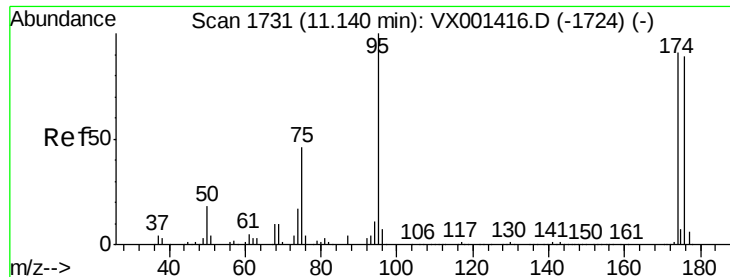
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

ST006MW012-180502

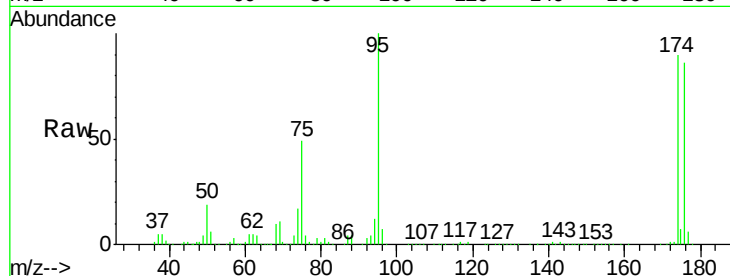
Tot Ion: 95 Resp: 216985

Ion Ratio Lower Upper

95 100

174 101.5 0.0 202.0

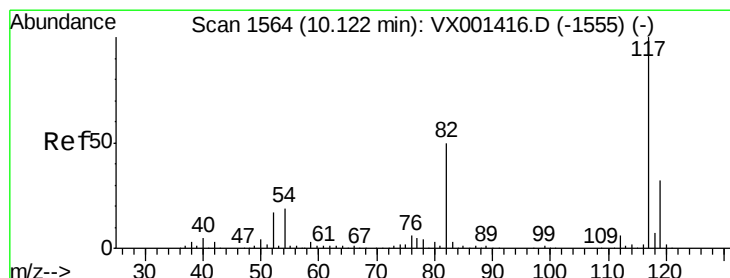
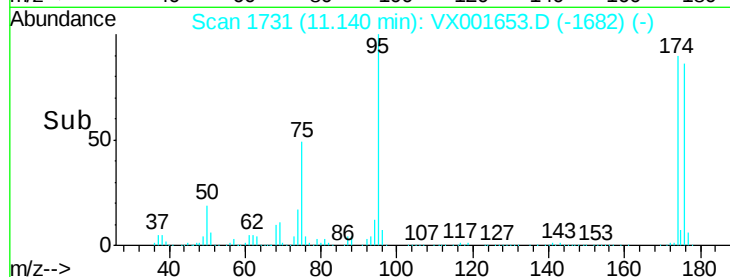
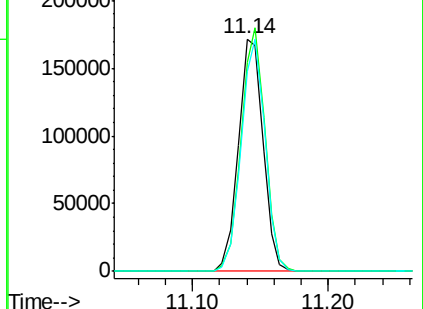
176 97.2 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

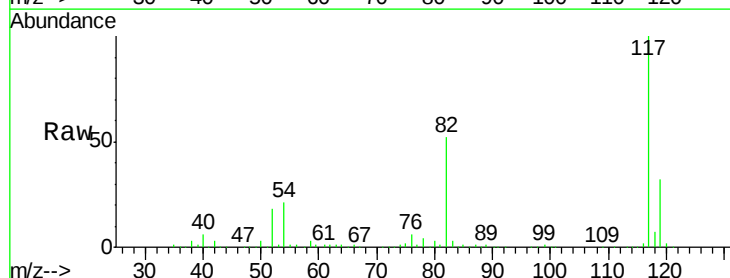
Tgt Ion: 117 Resp: 283773

Ion Ratio Lower Upper

117 100

82 52.1 40.0 60.0

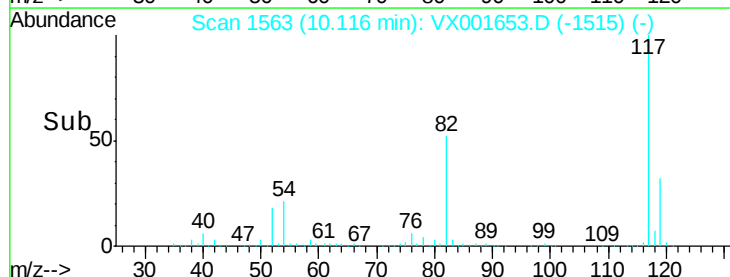
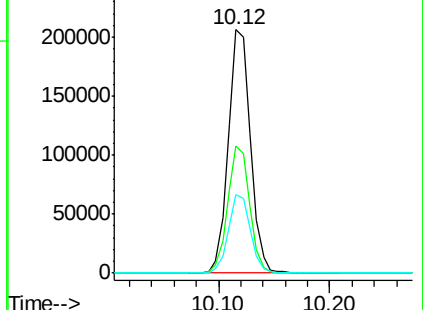
119 32.3 25.8 38.8

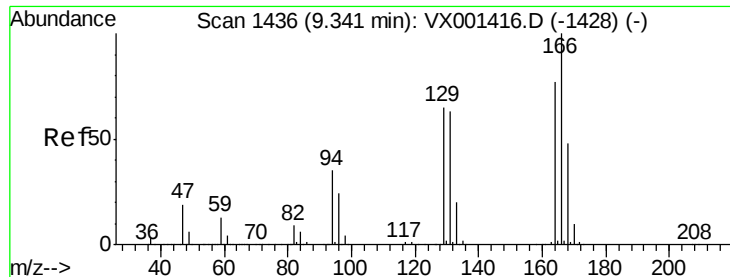


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)





#64

Tetrachloroethene

Concen: 11.77 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

ST006MW012-180502

Tot Ion:164 Resp: 46567

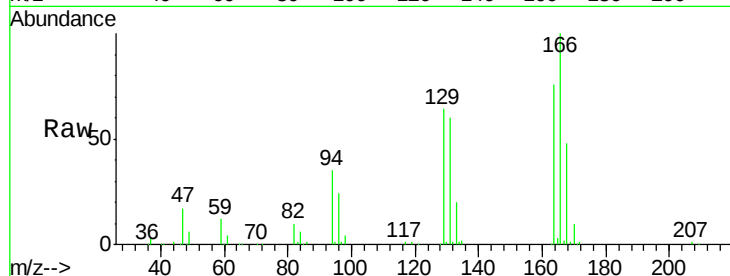
Ion Ratio Lower Upper

164 100

166 132.2 103.5 155.3

129 84.8 66.7 100.1

131 79.1 64.9 97.3

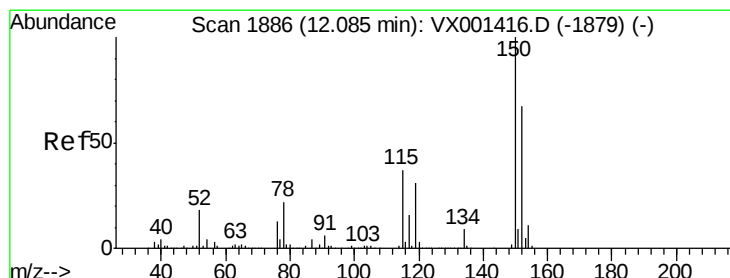
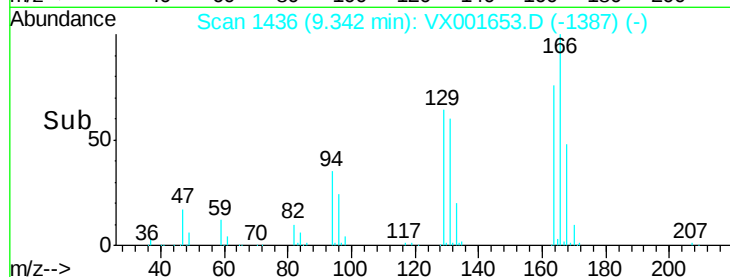
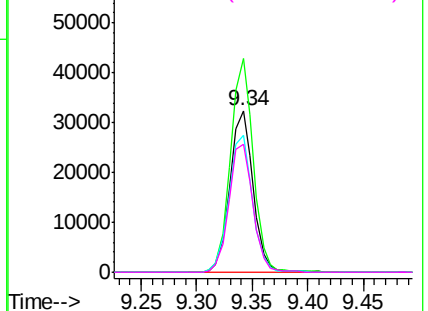


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001653.D

Acq: 11 May 2018 21:28

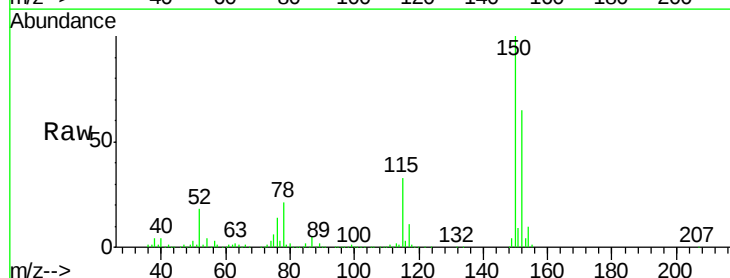
Tgt Ion:152 Resp: 150547

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

150 156.9 0.0 349.4



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

