

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001664.D
 Acq On : 12 May 2018 14:03
 Operator : JC/MD
 Sample : J2741-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW008-180430

Quant Time: May 14 13:48:27 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

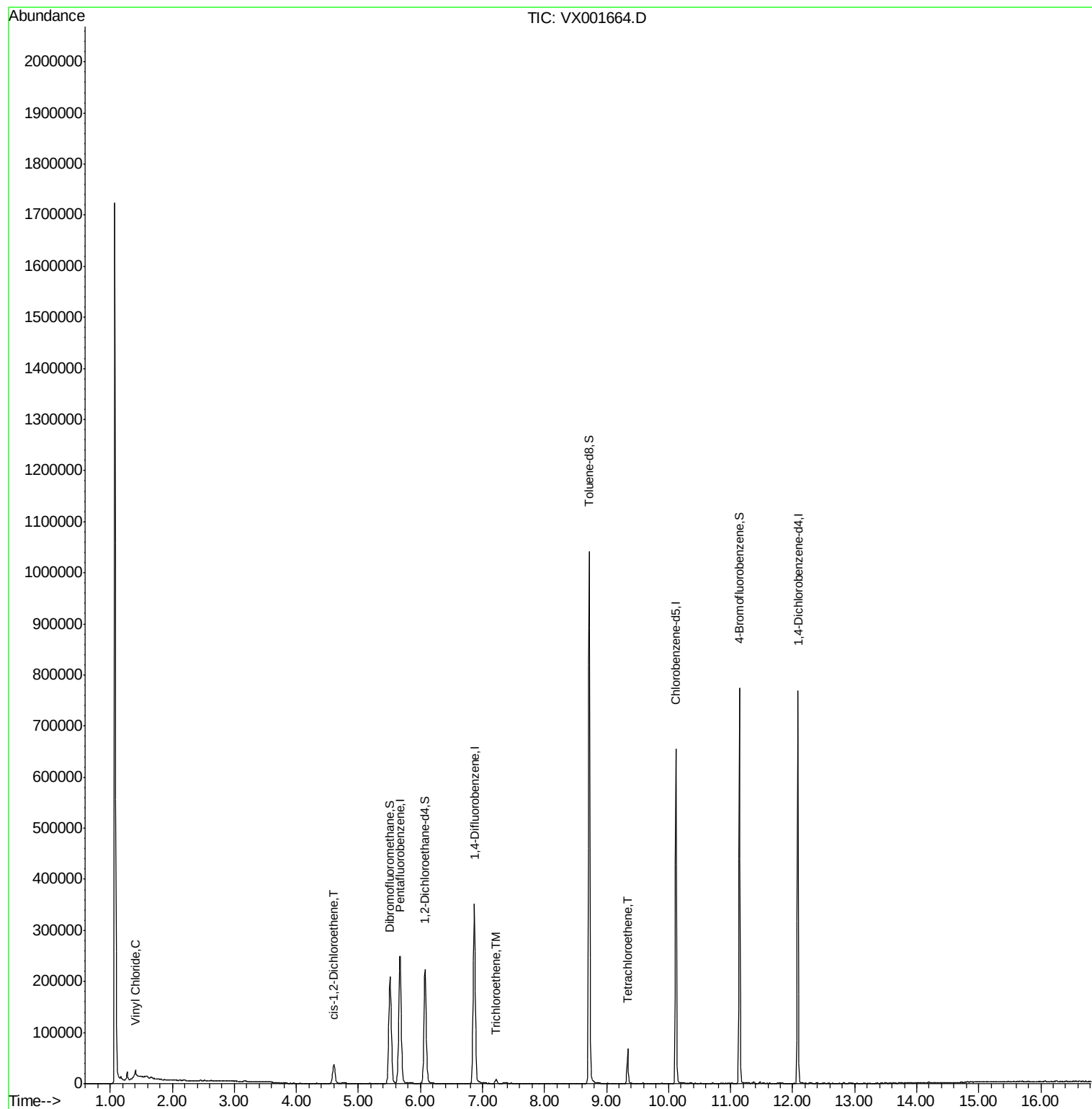
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214592	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
35) Dibromofluoromethane	5.51	113	171704	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
50) Toluene-d8	8.72	98	606083	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	195284	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7066	1.94	ug/l	# 73
27) cis-1,2-Dichloroethene	4.60	96	23557	6.74	ug/l	90
44) Trichloroethene	7.22	130	3247	0.80	ug/l	84
64) Tetrachloroethene	9.34	164	14626	3.37	ug/l	95

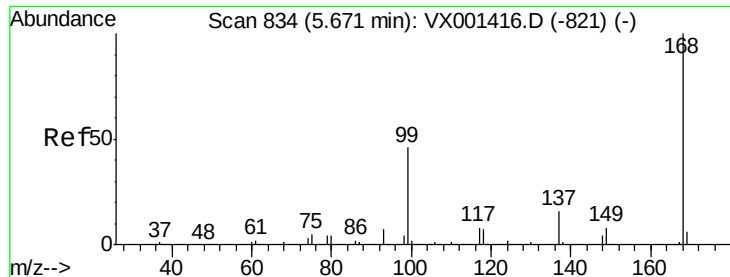
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
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: VX001664.D

Acq: 12 May 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

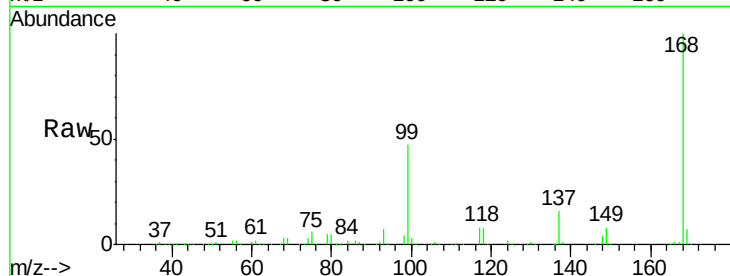
ST006MW008-180430

Tot Ion:168 Resp: 265917

Ion Ratio Lower Upper

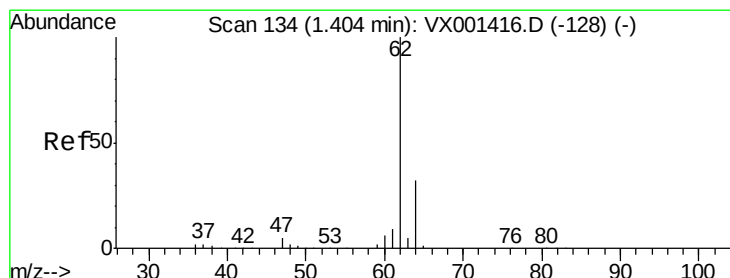
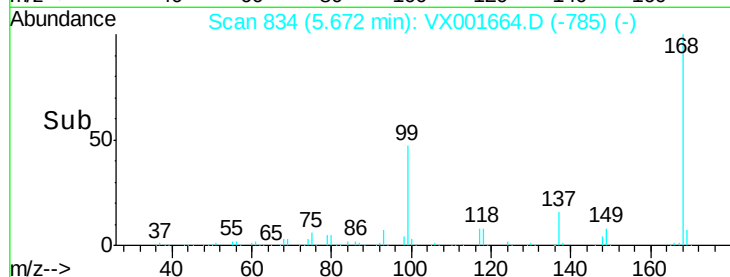
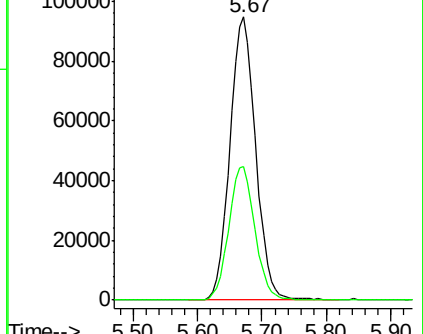
168 100

99 47.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.94 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001664.D

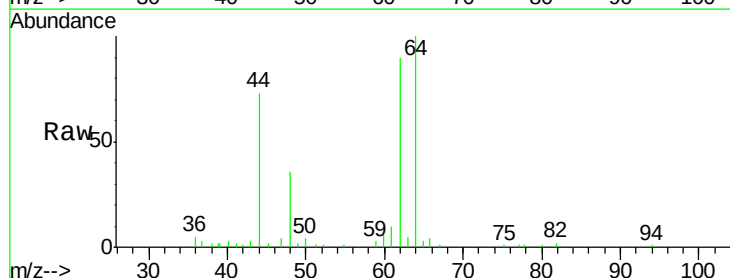
Acq: 12 May 2018 14:03

Tgt Ion: 62 Resp: 7066

Ion Ratio Lower Upper

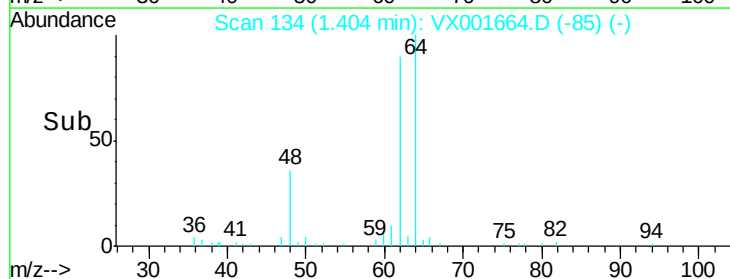
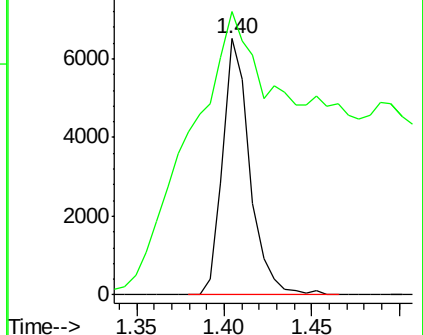
62 100

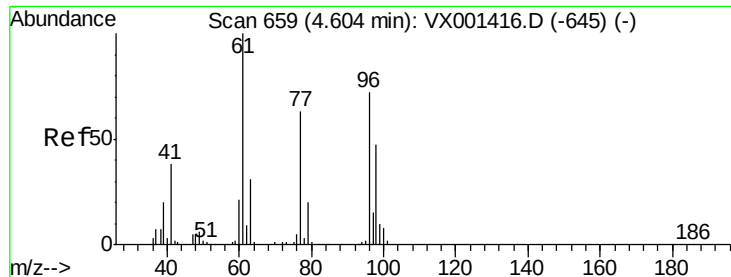
64 47.0 25.8 38.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 6.74 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001664.D

Acq: 12 May 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

ST006MW008-180430

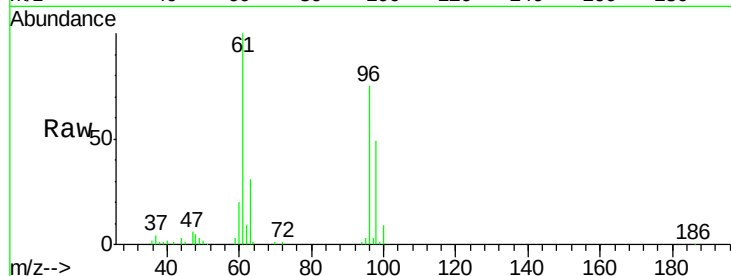
Tot Ion: 96 Resp: 23557

Ion Ratio Lower Upper

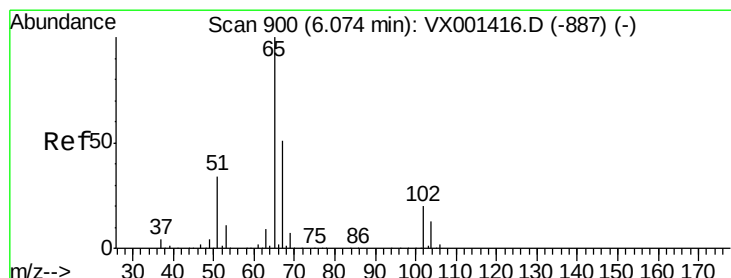
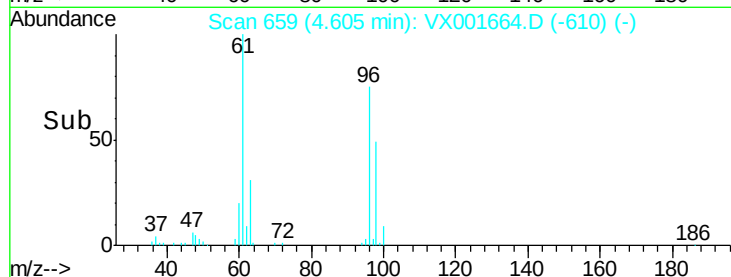
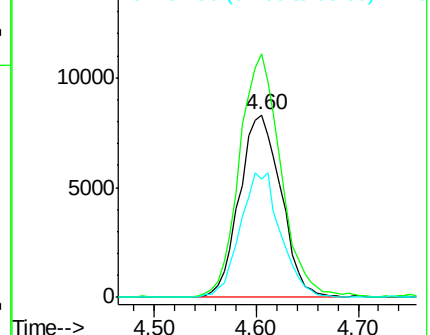
96 100

61 133.1 0.0 301.6

98 66.6 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



#33

1,2-Dichloroethane-d4

Concen: 56.15 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001664.D

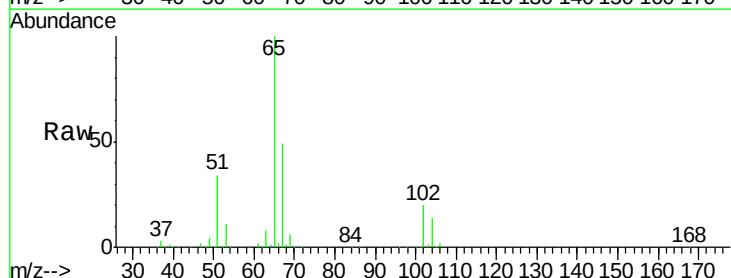
Acq: 12 May 2018 14:03

Tgt Ion: 65 Resp: 214592

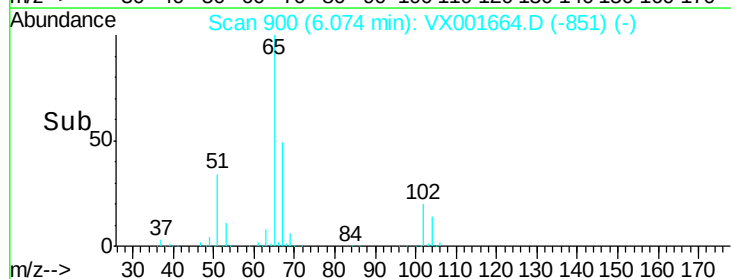
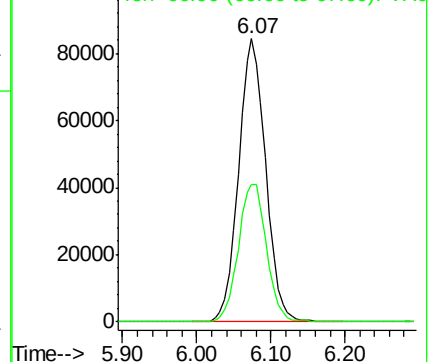
Ion Ratio Lower Upper

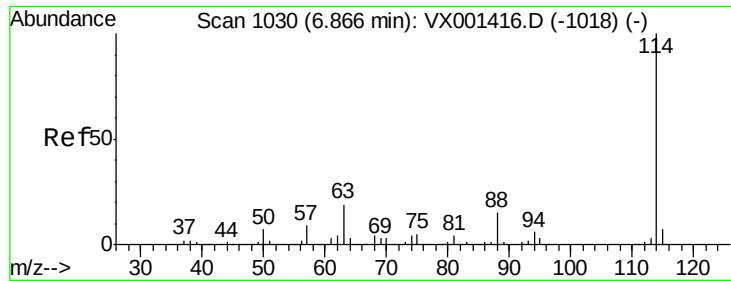
65 100

67 50.6 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

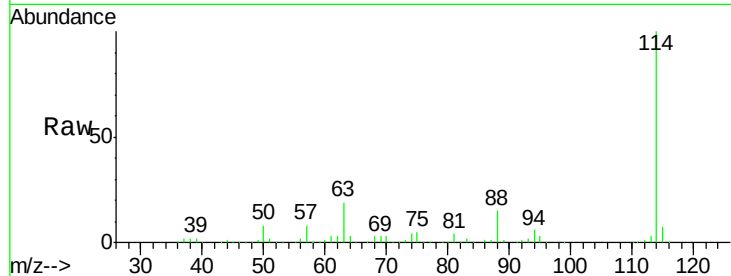




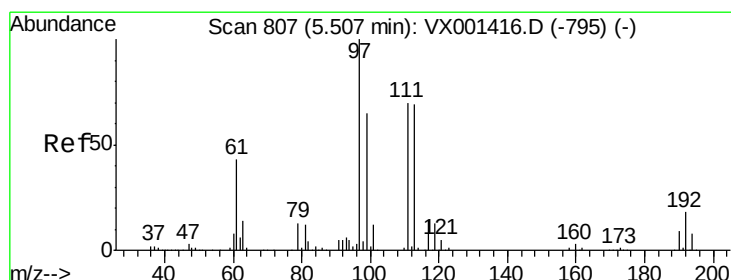
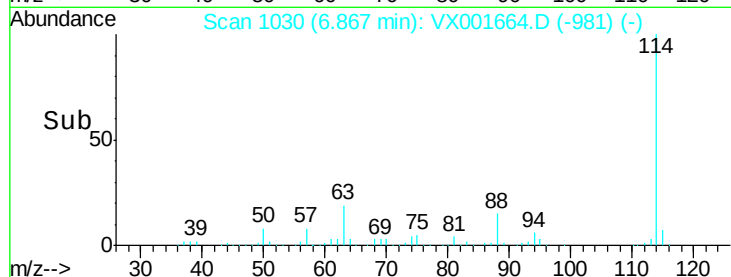
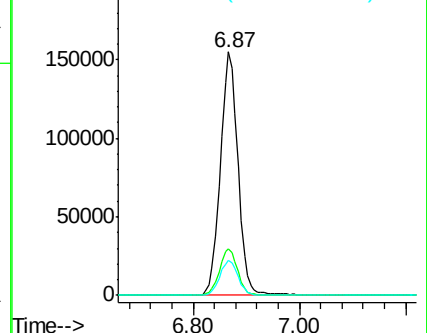
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001664.D
 Acq: 12 May 2018 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW008-180430

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	14.6	0.0	30.8

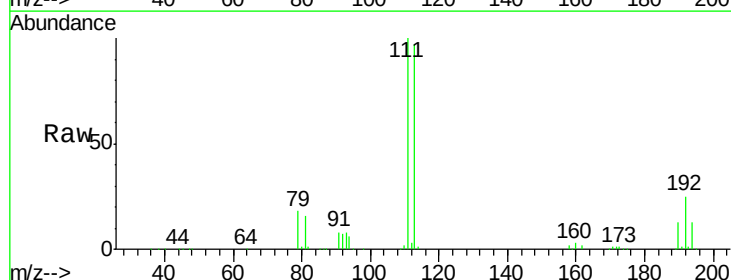


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

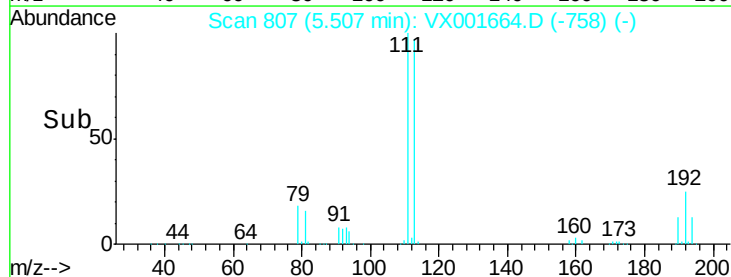
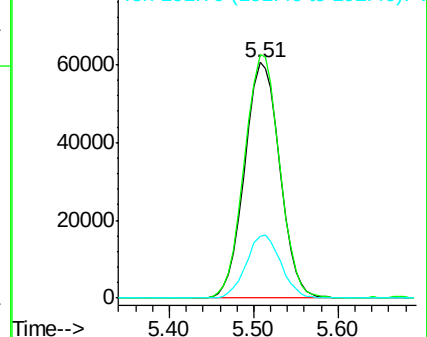


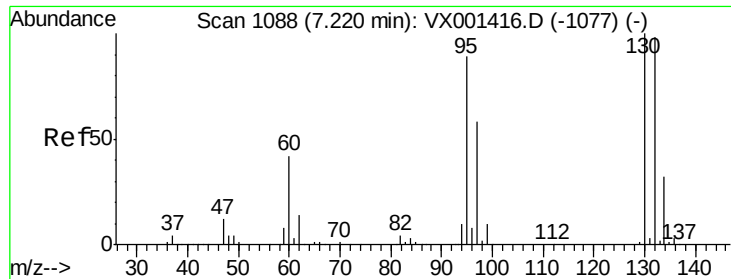
#35
 Dibromofluoromethane
 Concen: 53.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001664.D
 Acq: 12 May 2018 14:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	26.3	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: 0.80 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001664.D

Acq: 12 May 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

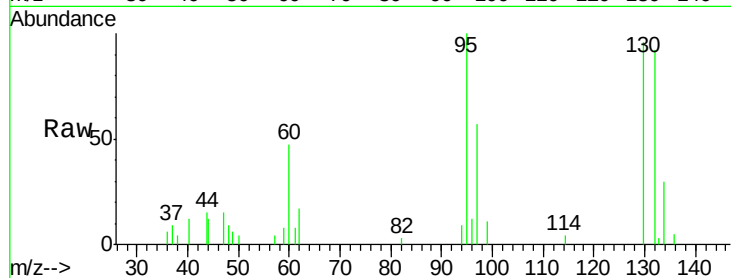
ST006MW008-180430

Tot Ion:130 Resp: 3247

Ion Ratio Lower Upper

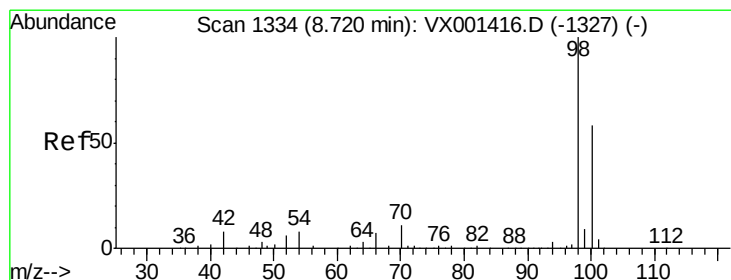
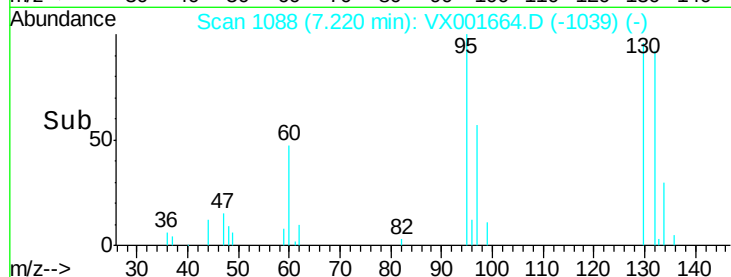
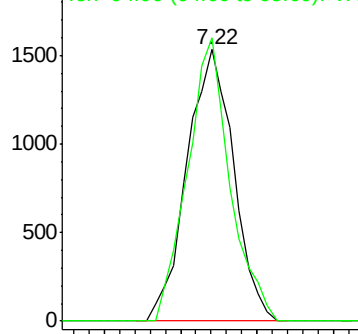
130 100

95 104.2 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: 51.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001664.D

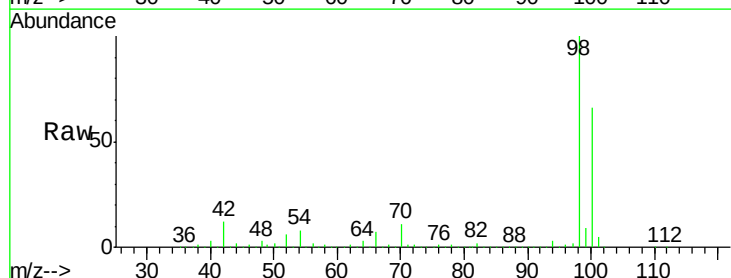
Acq: 12 May 2018 14:03

Tgt Ion: 98 Resp: 606083

Ion Ratio Lower Upper

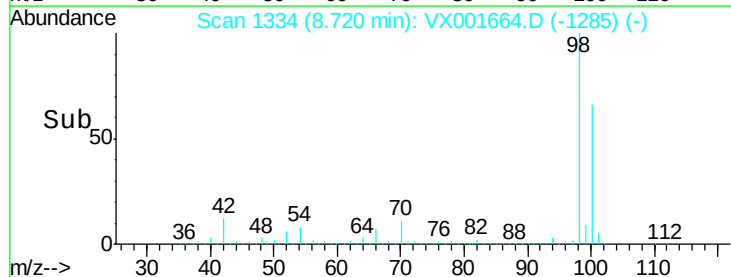
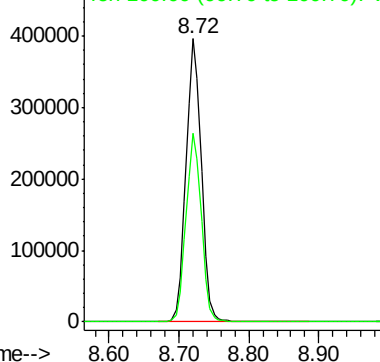
98 100

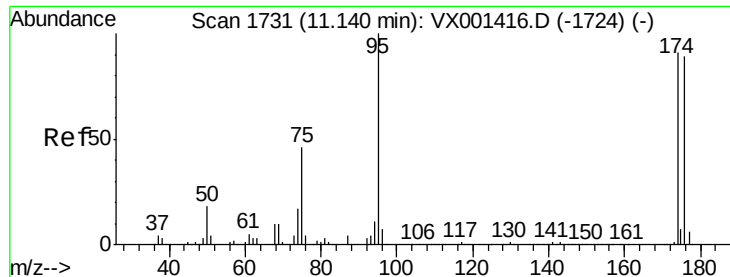
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001664.D

Acq: 12 May 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

ST006MW008-180430

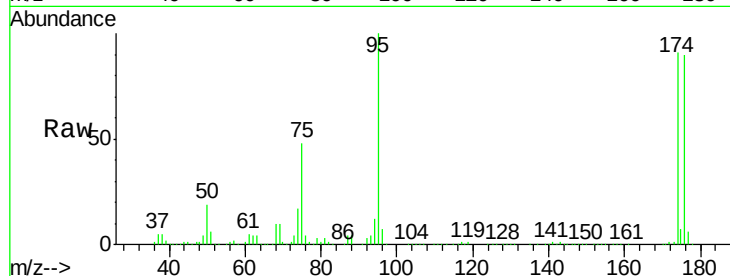
Tot Ion: 95 Resp: 195284

Ion Ratio Lower Upper

95 100

174 100.7 0.0 202.0

176 98.2 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

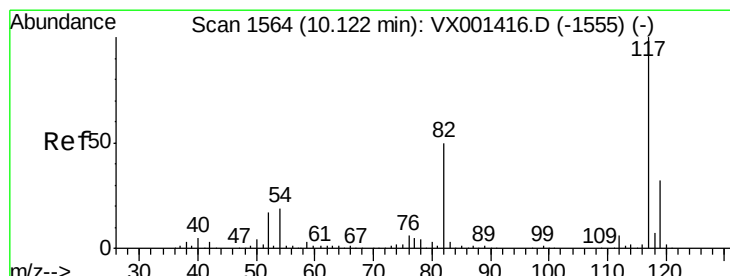
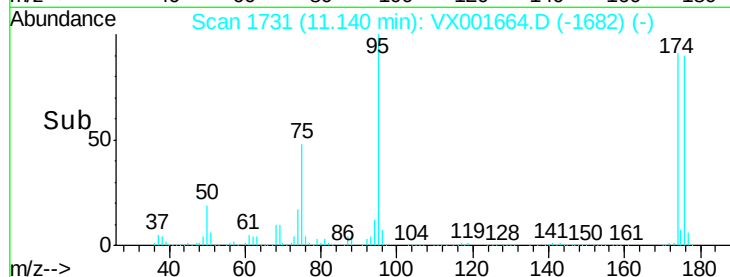
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001664.D

Acq: 12 May 2018 14:03

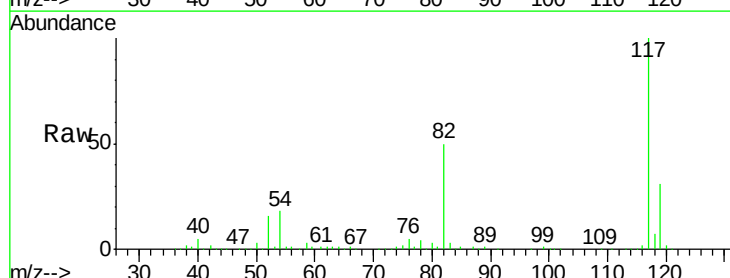
Tgt Ion: 117 Resp: 311559

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

119 31.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

300000

250000

200000

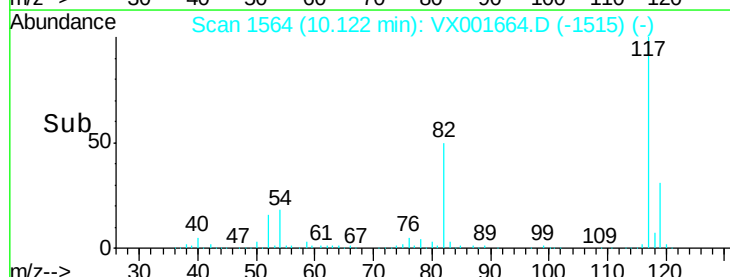
150000

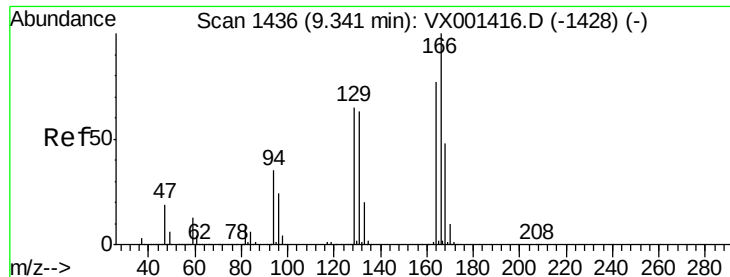
100000

50000

0

Time-->





#64

Tetrachloroethene

Concen: 3.37 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001664.D

Acq: 12 May 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:164 Resp: 14626

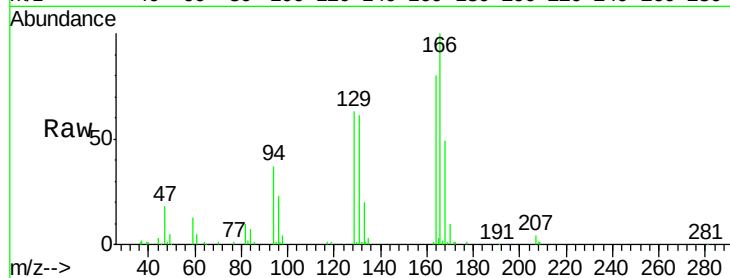
Ion Ratio Lower Upper

164 100

166 124.8 103.5 155.3

129 78.0 66.7 100.1

131 76.3 64.9 97.3

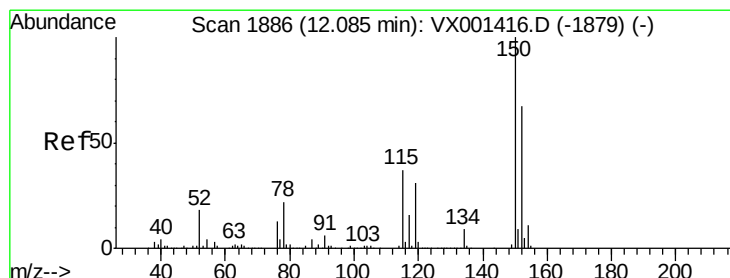
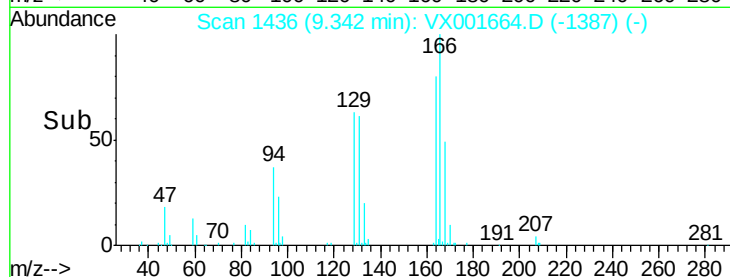
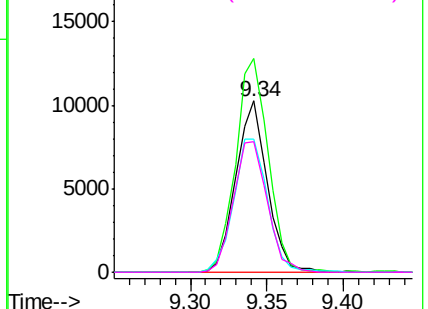


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX001664.D

Acq: 12 May 2018 14:03

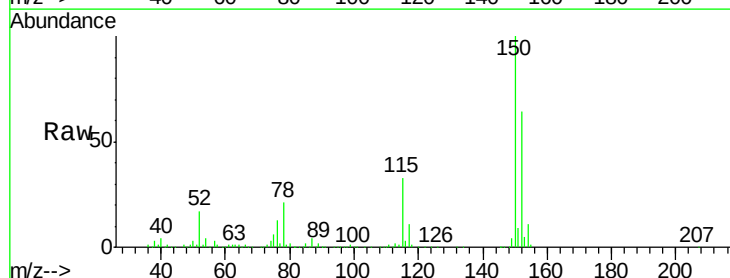
Tgt Ion:152 Resp: 164092

Ion Ratio Lower Upper

152 100

115 52.5 37.7 113.1

150 157.5 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

