

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001662.D
 Acq On : 12 May 2018 13:09
 Operator : JC/MD
 Sample : J2741-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-180502

Quant Time: May 14 06:41:40 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

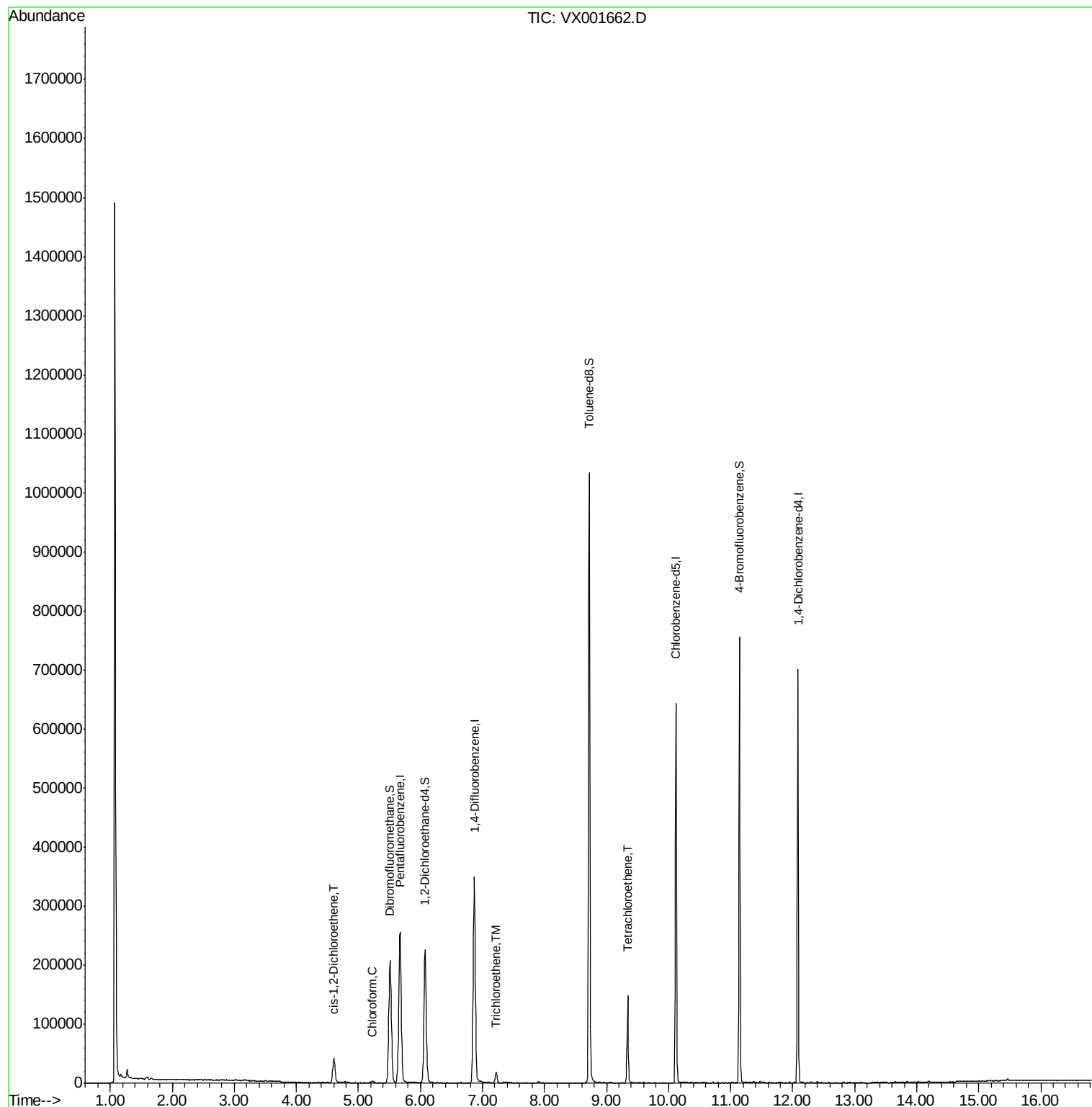
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216812	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	5.51	113	172675	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
50) Toluene-d8	8.72	98	608630	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	186738	41.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.66%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	25392	7.16	ug/l	91
30) Chloroform	5.23	83	2692	0.45	ug/l	94
44) Trichloroethene	7.22	130	7255	1.76	ug/l	85
64) Tetrachloroethene	9.34	164	31488	7.45	ug/l	96

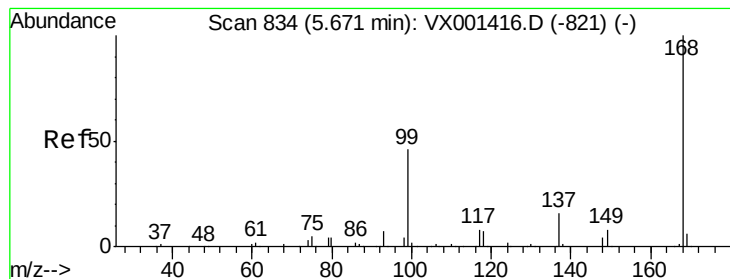
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001662.D

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MSVOA_X

ClientSampleId :

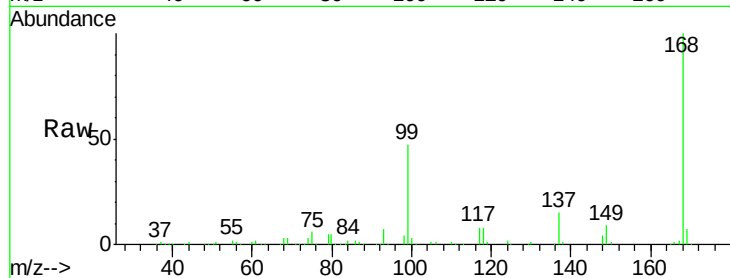
SS037MW110-180502

Tot Ion:168 Resp: 269541

Ion Ratio Lower Upper

168 100

99 47.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

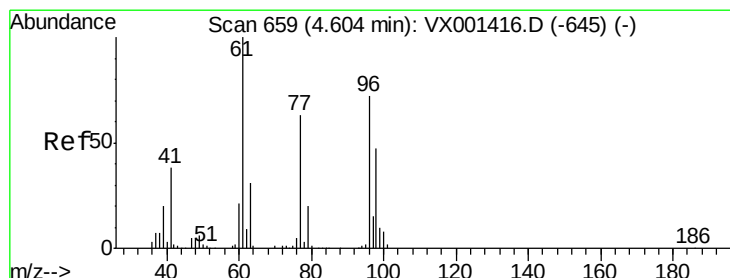
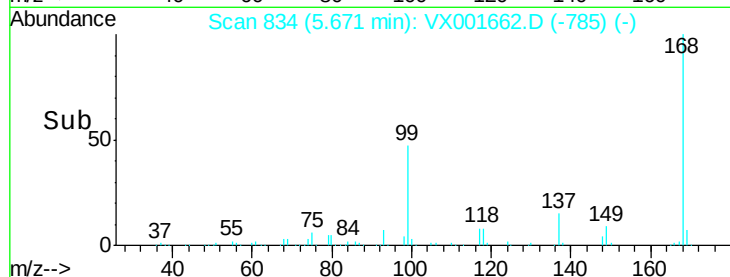
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 7.16 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

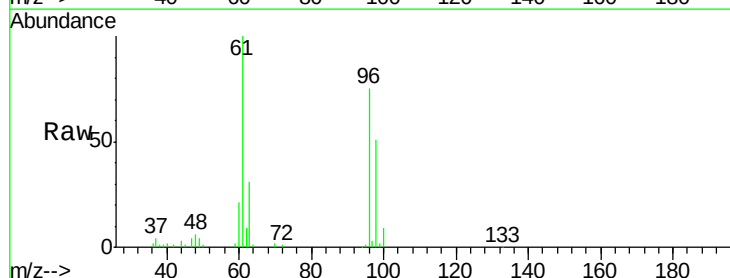
Tgt Ion: 96 Resp: 25392

Ion Ratio Lower Upper

96 100

61 135.6 0.0 301.6

98 64.9 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

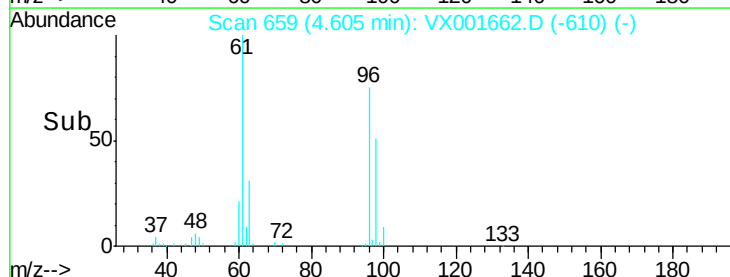
15000

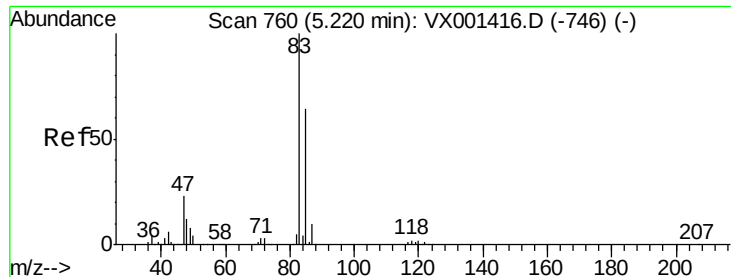
10000

5000

0

Time--> 4.50 4.60 4.70





#30

Chloroform

Concen: 0.45 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

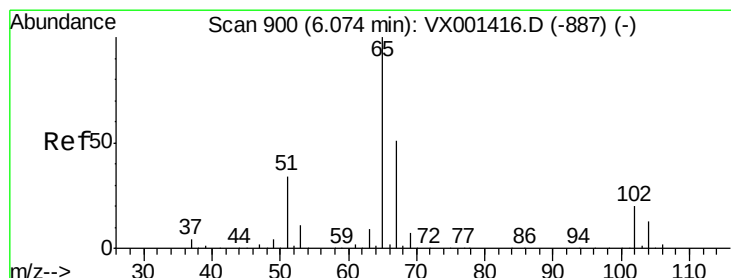
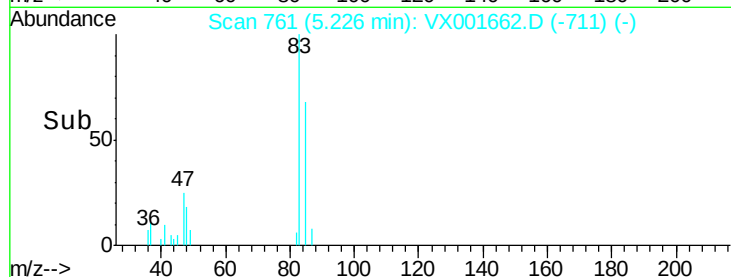
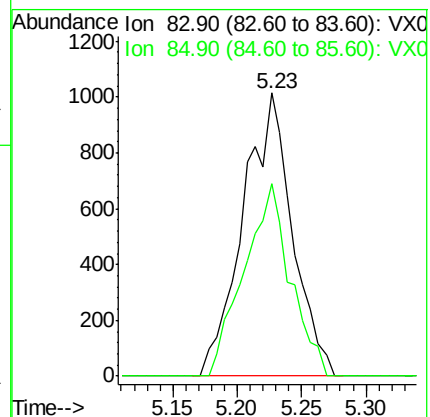
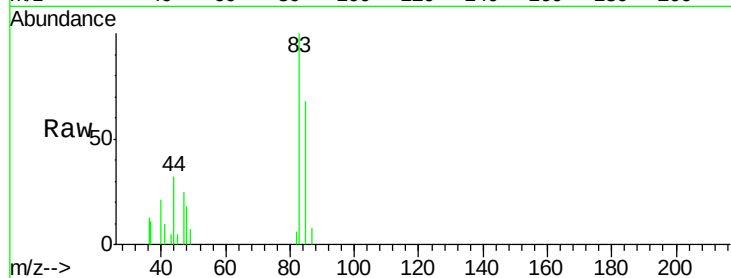
SS037MW110-180502

Tot Ion: 83 Resp: 2692

Ion Ratio Lower Upper

83 100

85 68.2 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: 55.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001662.D

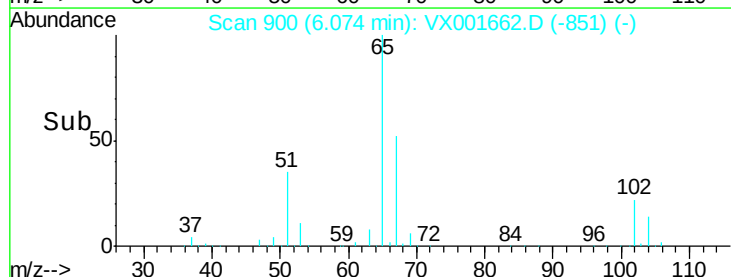
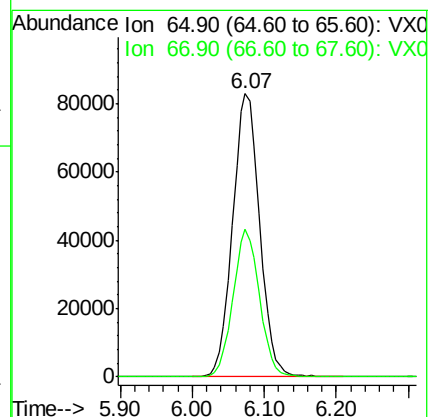
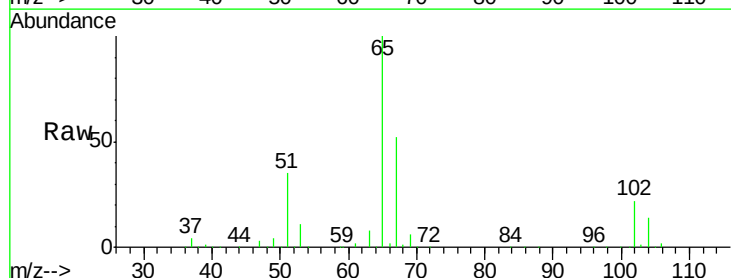
Acq: 12 May 2018 13:09

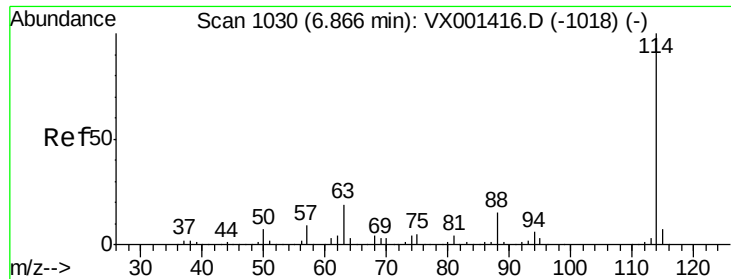
Tgt Ion: 65 Resp: 216812

Ion Ratio Lower Upper

65 100

67 51.0 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: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

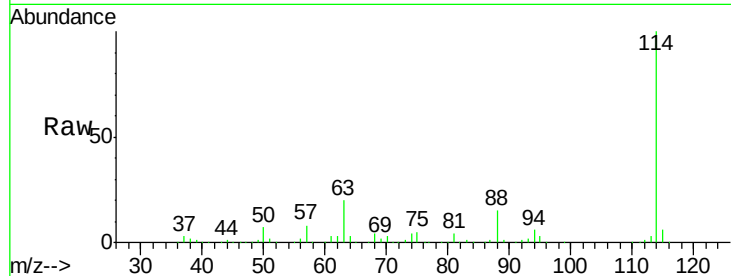
Tot Ion:114 Resp: 362544

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

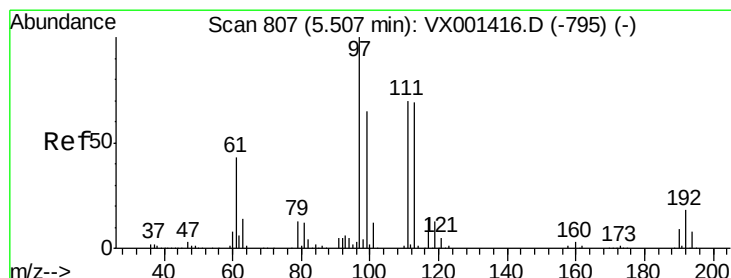
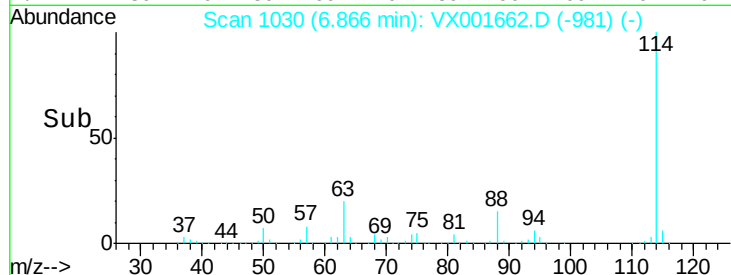
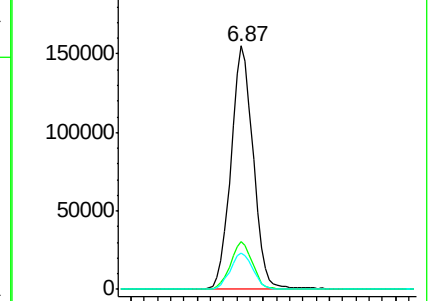
88 14.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

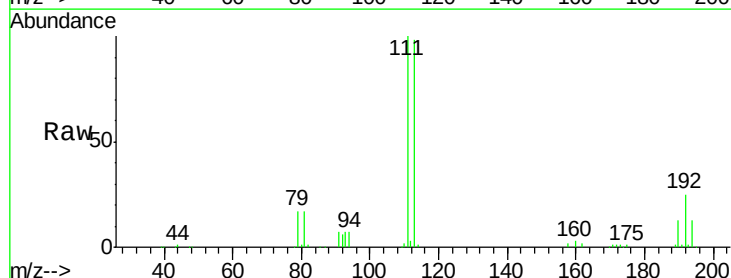
Tgt Ion:113 Resp: 172675

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

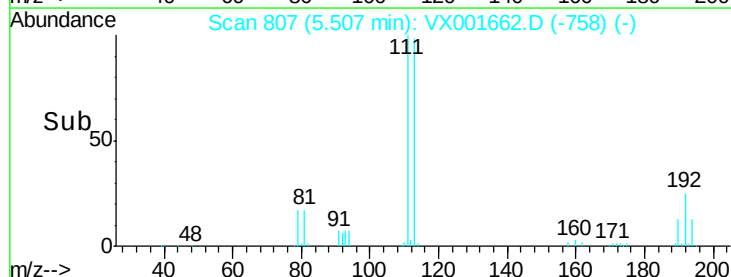
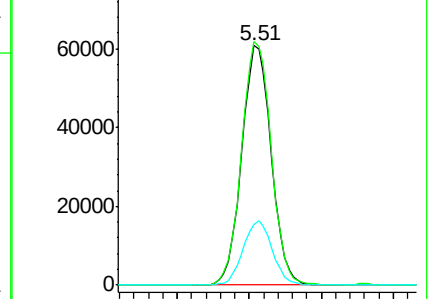
192 26.5 21.4 32.0

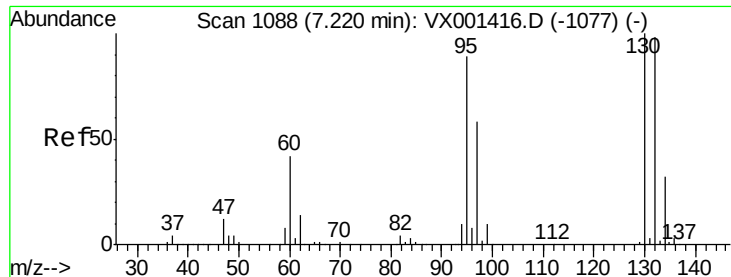


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.76 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

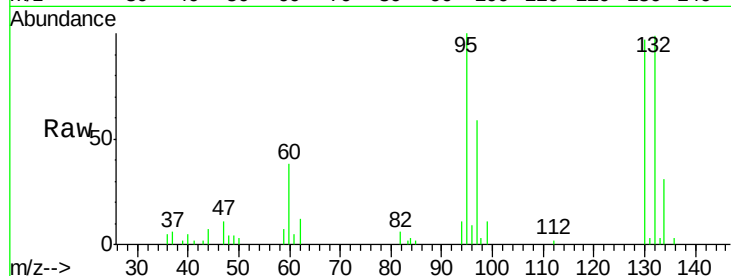
SS037MW110-180502

Tot Ion:130 Resp: 7255

Ion Ratio Lower Upper

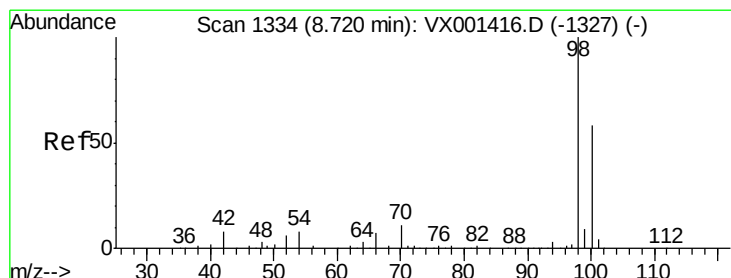
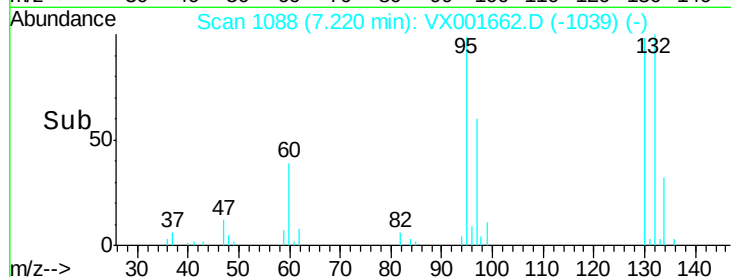
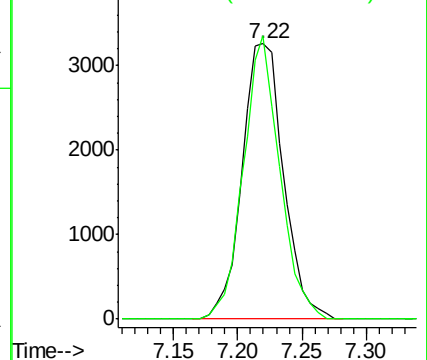
130 100

95 102.8 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: 51.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001662.D

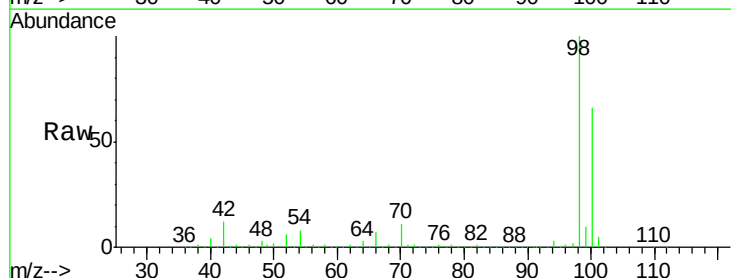
Acq: 12 May 2018 13:09

Tgt Ion: 98 Resp: 608630

Ion Ratio Lower Upper

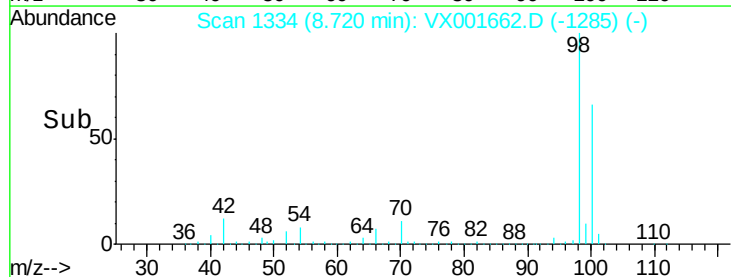
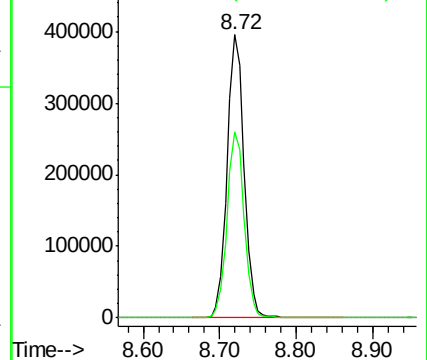
98 100

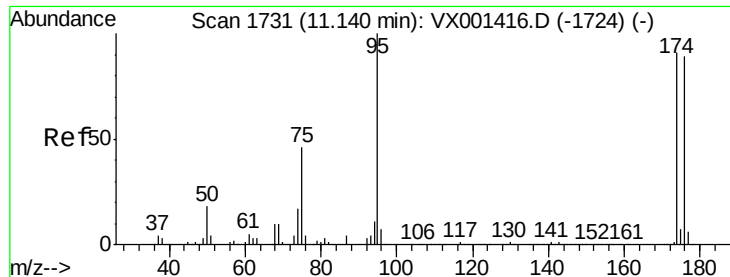
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

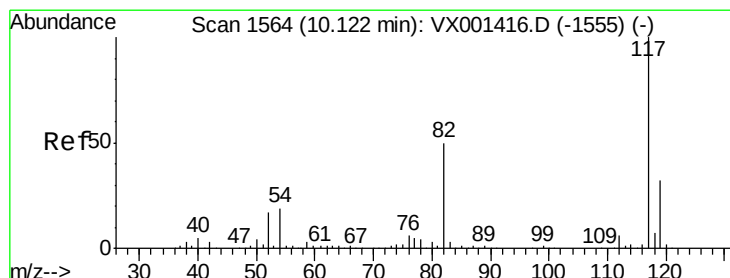
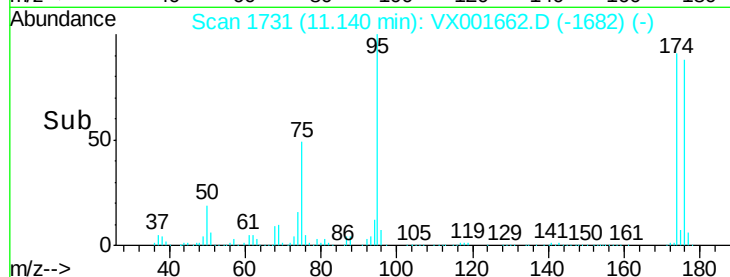
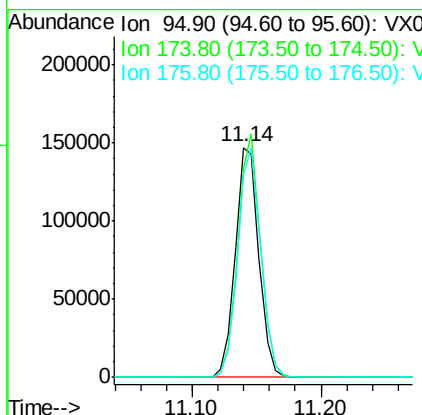
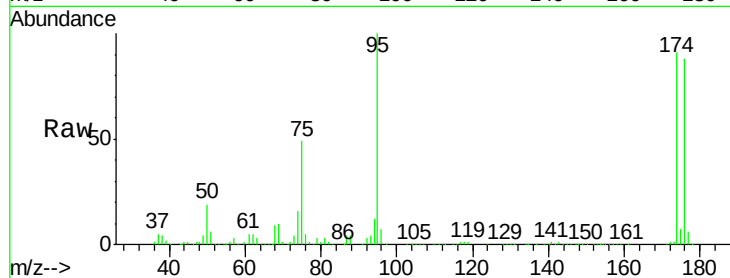




#62
 4-Bromofluorobenzene
 Concen: 41.33 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

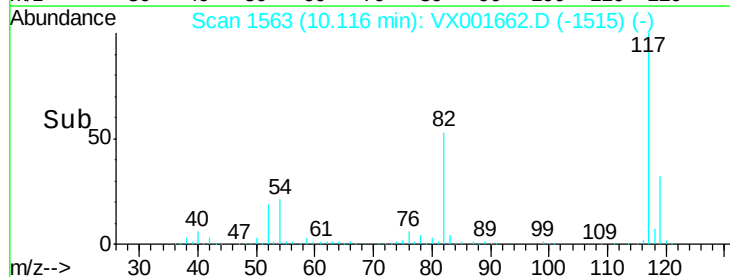
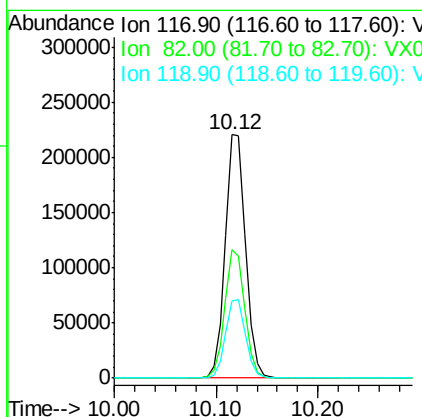
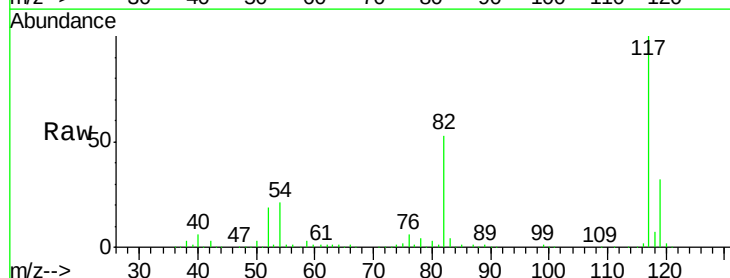
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW110-180502

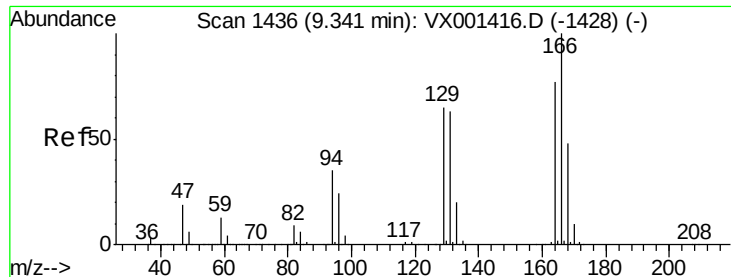
Tot Ion: 95 Resp: 186738
 Ion Ratio Lower Upper
 95 100
 174 101.7 0.0 202.0
 176 97.6 0.0 197.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001662.D
 Acq: 12 May 2018 13:09

Tgt Ion: 117 Resp: 303425
 Ion Ratio Lower Upper
 117 100
 82 52.6 40.0 60.0
 119 31.6 25.8 38.8





#64

Tetrachloroethene

Concen: 7.45 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

SS037MW110-180502

Tot Ion:164 Resp: 31488

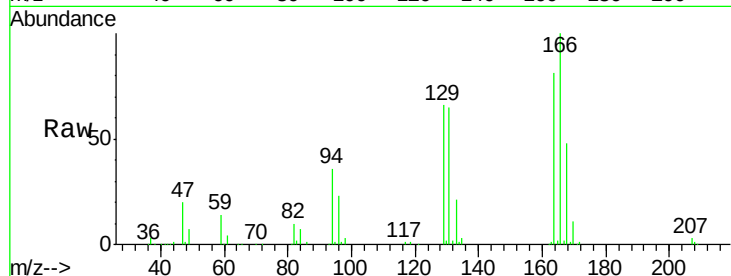
Ion Ratio Lower Upper

164 100

166 122.9 103.5 155.3

129 80.5 66.7 100.1

131 79.7 64.9 97.3

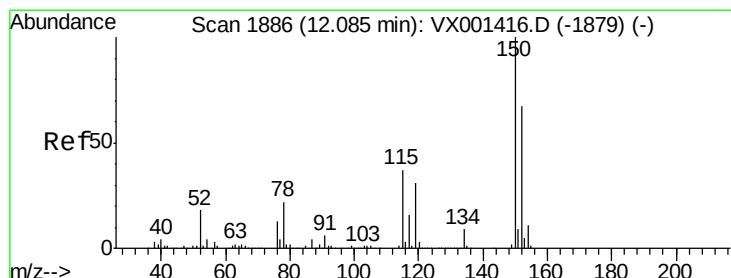
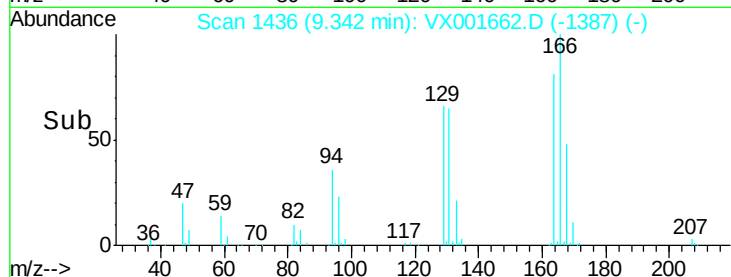
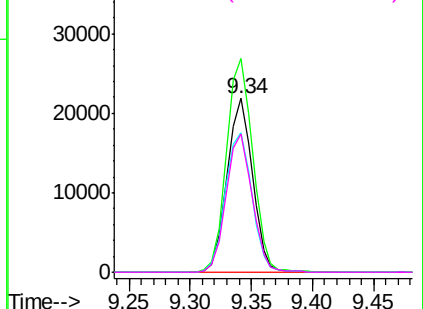


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001662.D

Acq: 12 May 2018 13:09

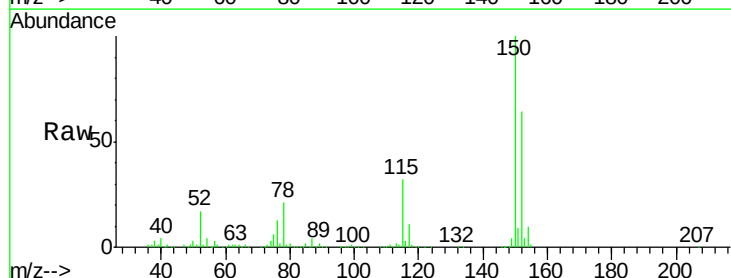
Tgt Ion:152 Resp: 151152

Ion Ratio Lower Upper

152 100

115 51.4 37.7 113.1

150 155.2 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

