

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001895.D
 Acq On : 22 May 2018 16:03
 Operator : JC/MD
 Sample : J2988-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW052-180515

Quant Time: May 23 08:10:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

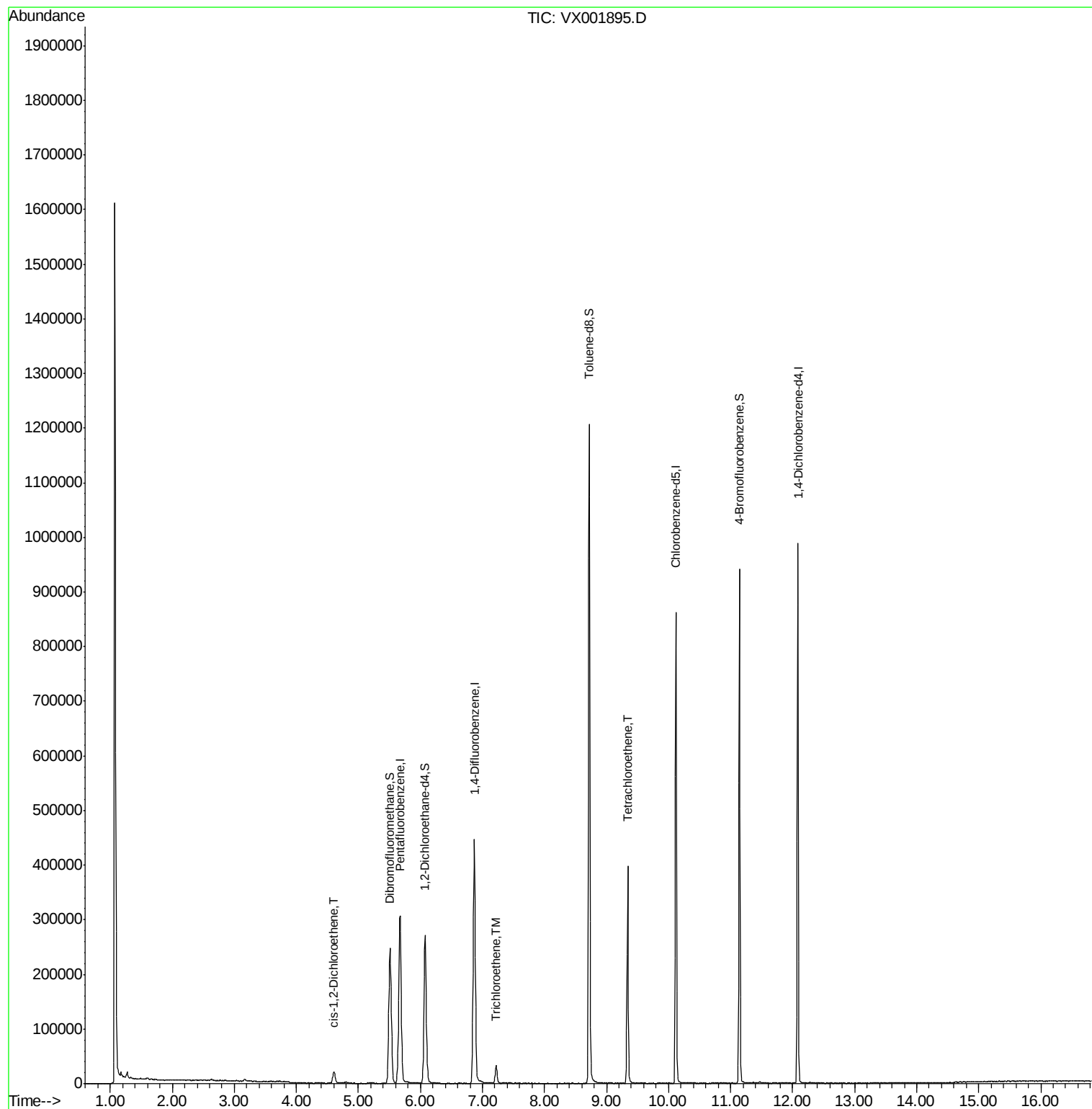
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	460294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	256063	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	5.51	113	205216	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
50) Toluene-d8	8.72	98	718828	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	233738	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	12880	3.20	ug/l	96
44) Trichloroethene	7.21	130	13287	2.74	ug/l	98
64) Tetrachloroethene	9.34	164	86604	16.28	ug/l	99

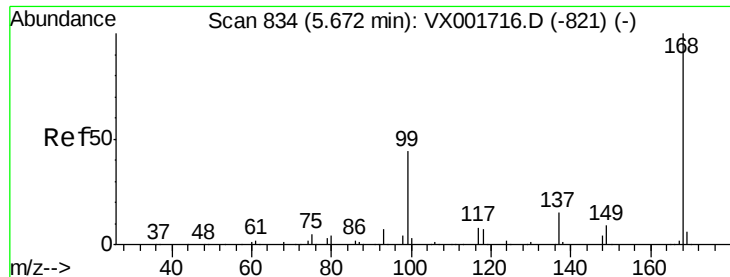
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001895.D

Acq: 22 May 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

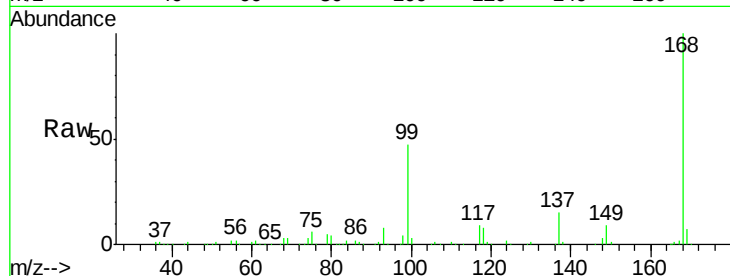
SS050MW052-180515

Tot Ion:168 Resp: 324878

Ion Ratio Lower Upper

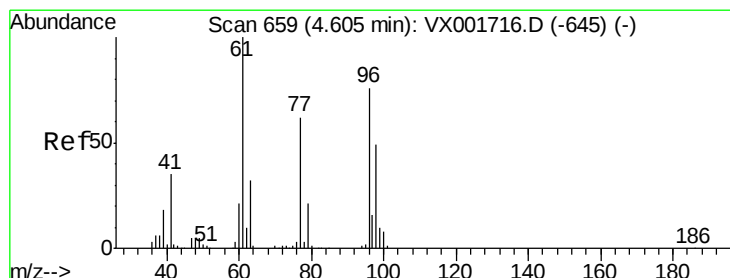
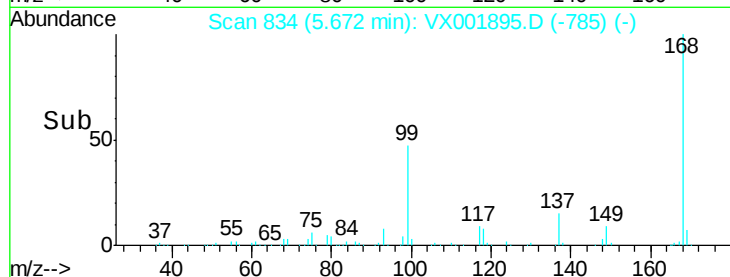
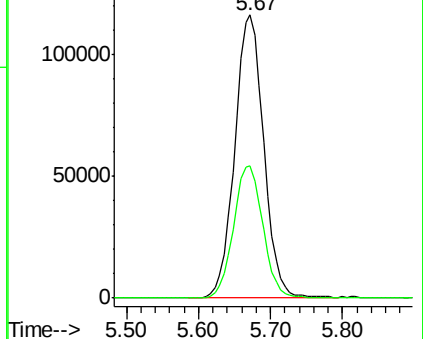
168 100

99 46.7 35.0 52.4



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: 3.20 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

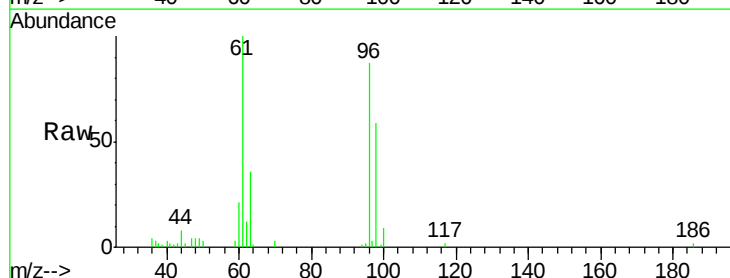
Tgt Ion: 96 Resp: 12880

Ion Ratio Lower Upper

96 100

61 144.5 0.0 280.4

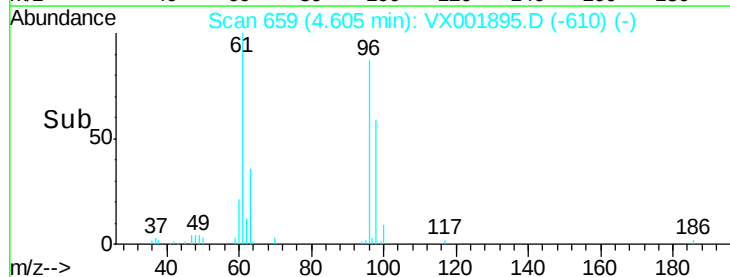
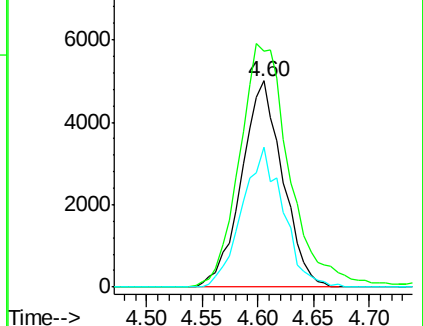
98 68.1 0.0 128.4

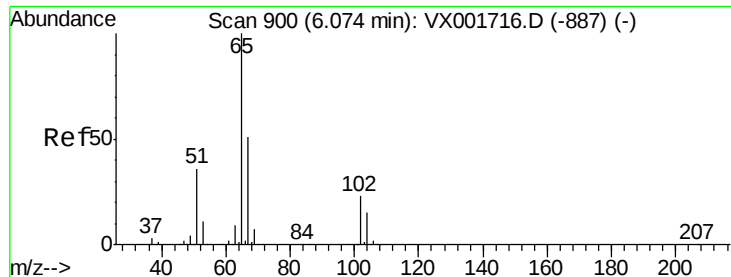


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 58.80 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

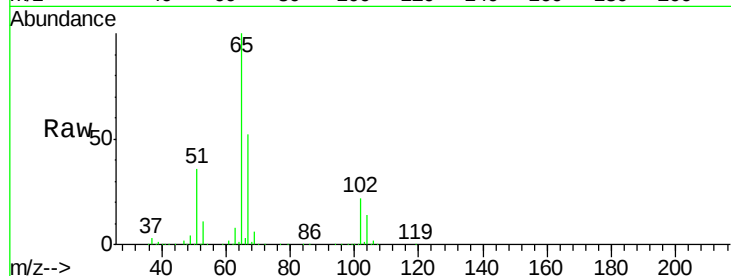
SS050MW052-180515

Tot Ion: 65 Resp: 256063

Ion Ratio Lower Upper

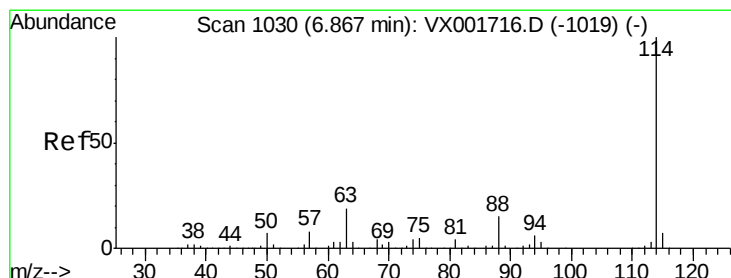
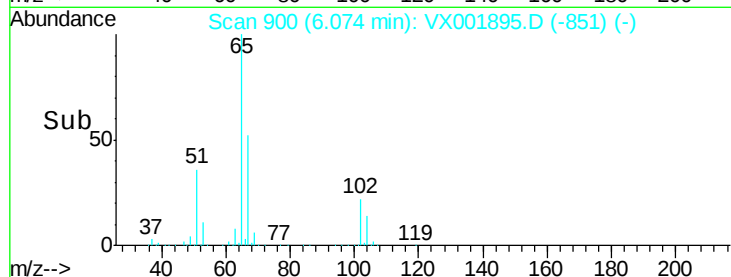
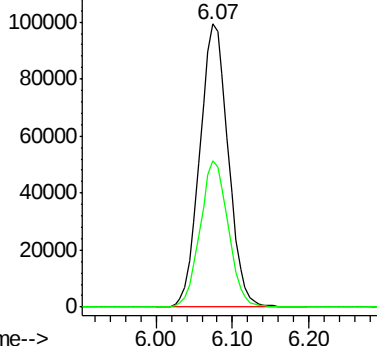
65 100

67 50.9 0.0 102.8



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: VX001895.D

Acq: 22 May 2018 16:03

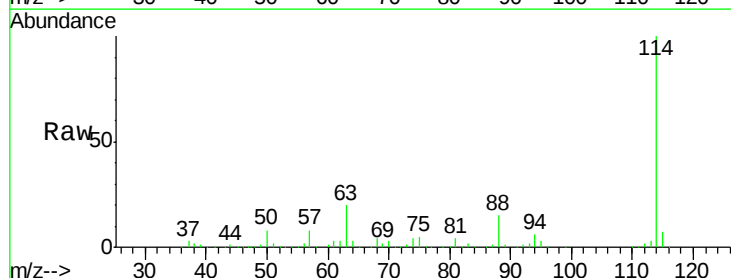
Tgt Ion: 114 Resp: 460294

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

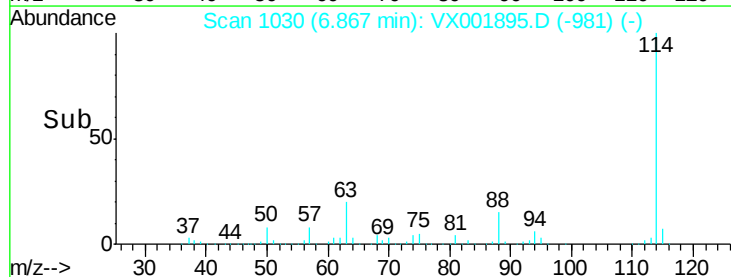
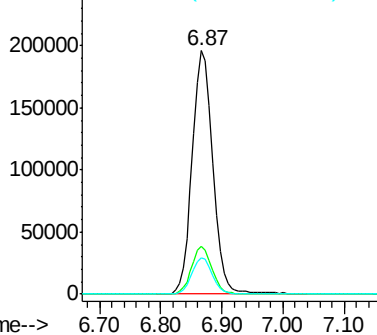
88 15.1 0.0 29.8

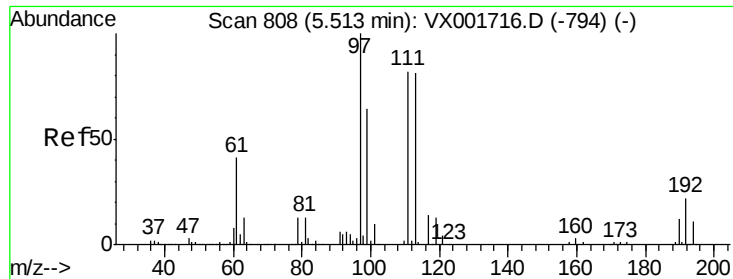


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

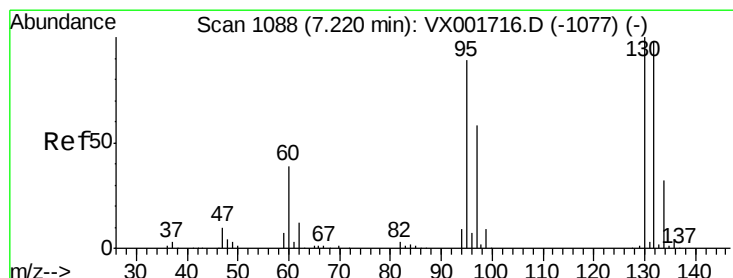
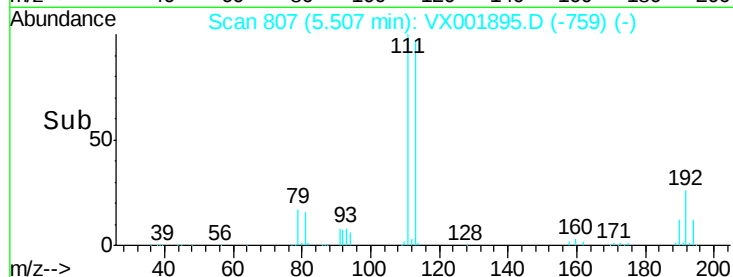
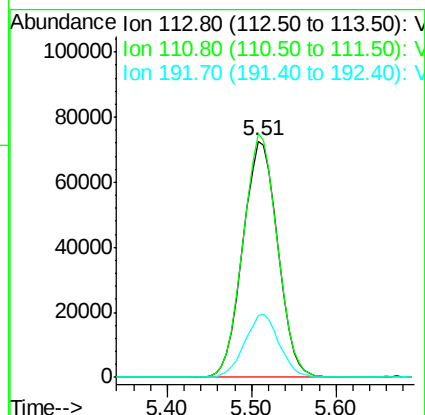
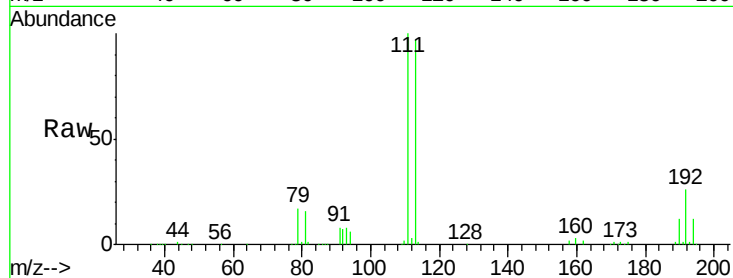




#35
 Dibromofluoromethane
 Concen: 52.83 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001895.D
 Acq: 22 May 2018 16:03

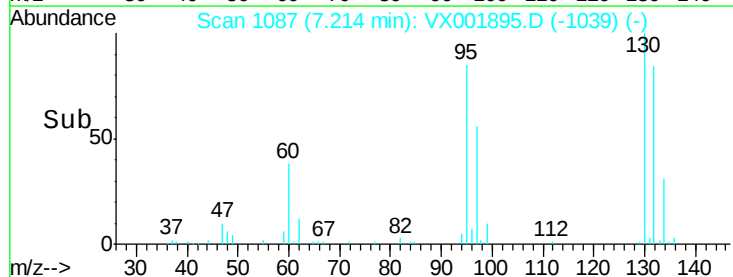
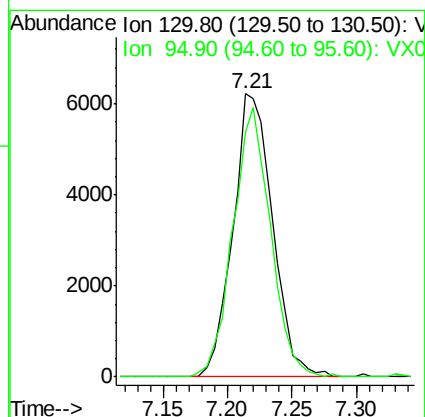
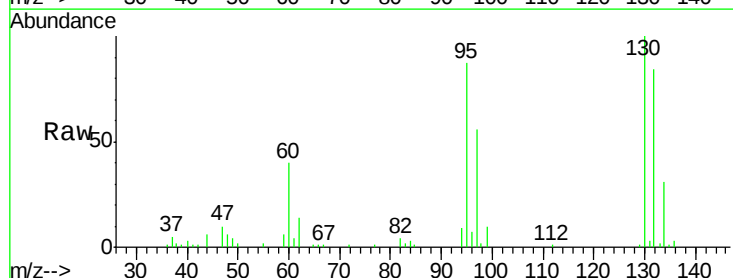
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW052-180515

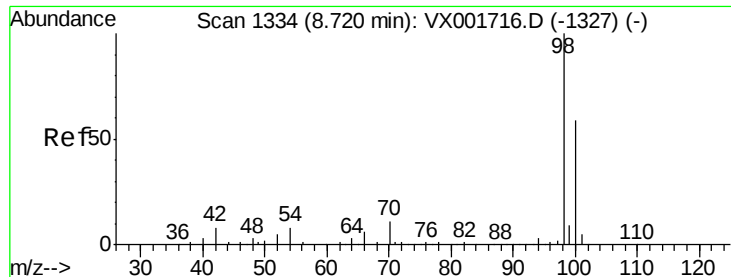
Tot Ion:113 Resp: 205216
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 26.5 21.6 32.4



#44
 Trichloroethene
 Concen: 2.74 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001895.D
 Acq: 22 May 2018 16:03

Tgt Ion:130 Resp: 13287
 Ion Ratio Lower Upper
 130 100
 95 86.5 0.0 177.2





#50

Toluene-d8

Concen: 51.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

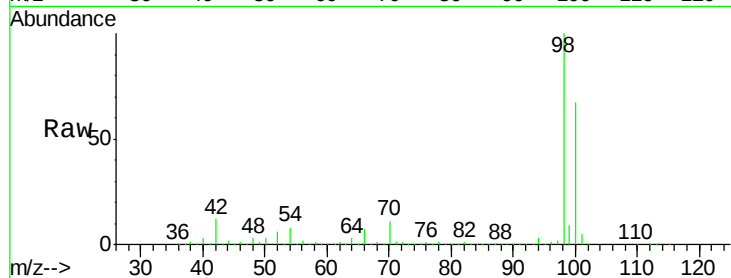
SS050MW052-180515

Tot Ion: 98 Resp: 718828

Ion Ratio Lower Upper

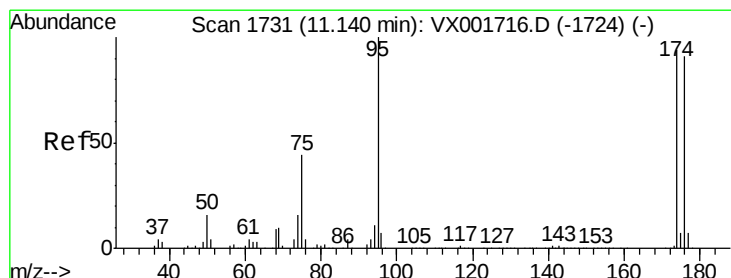
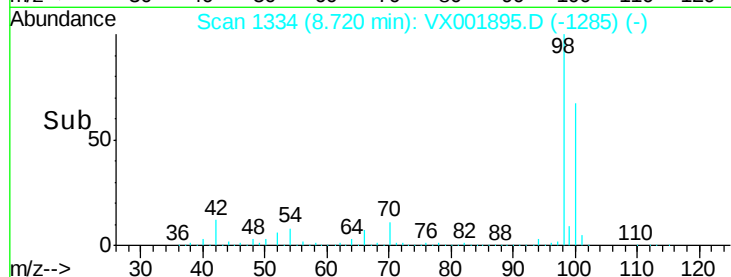
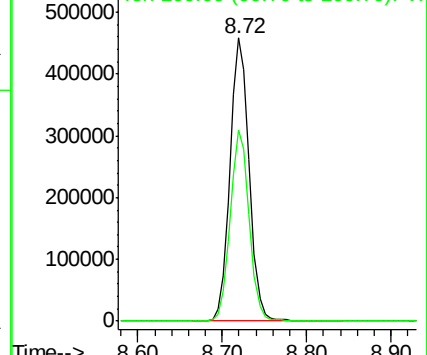
98 100

100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

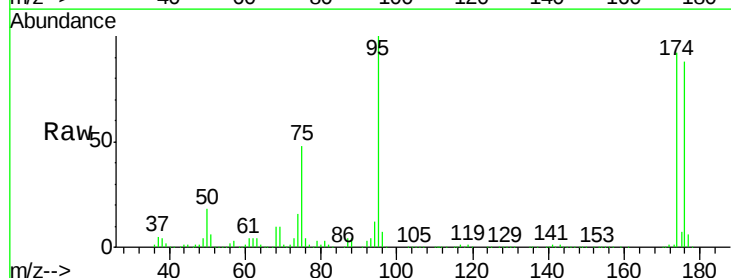
Tgt Ion: 95 Resp: 233738

Ion Ratio Lower Upper

95 100

174 101.3 0.0 201.8

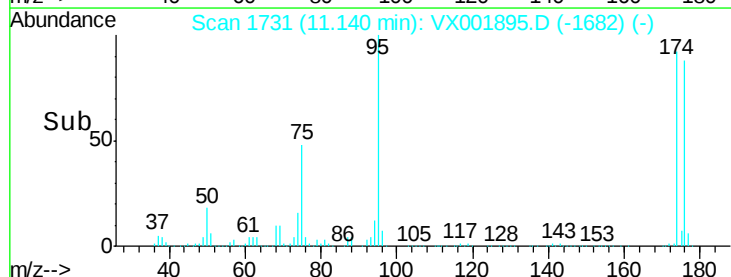
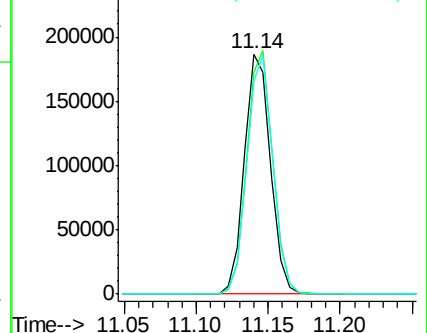
176 97.9 0.0 196.8

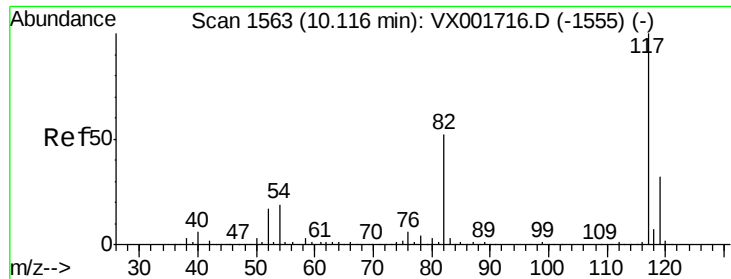


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

SS050MW052-180515

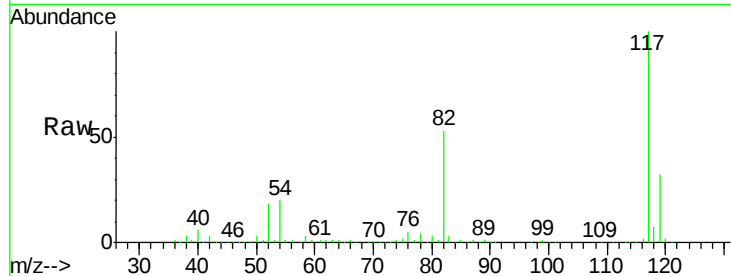
Tot Ion:117 Resp: 408666

Ion Ratio Lower Upper

117 100

82 53.3 41.4 62.2

119 31.9 25.6 38.4



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

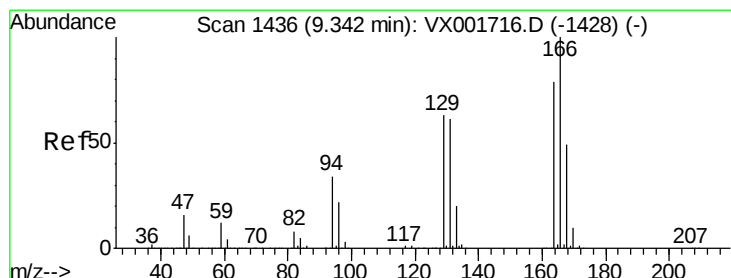
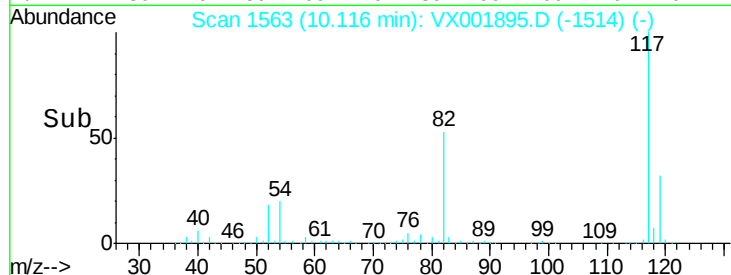
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#64

Tetrachloroethene

Concen: 16.28 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

Tgt Ion:164 Resp: 86604

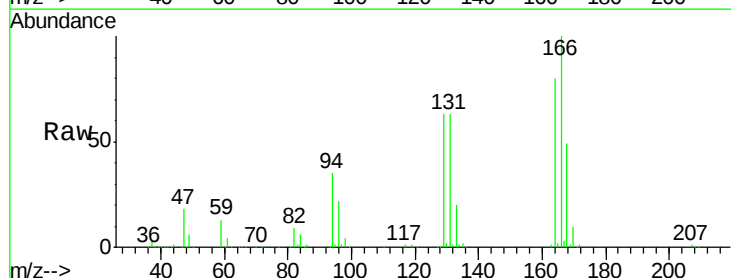
Ion Ratio Lower Upper

164 100

166 125.6 101.8 152.8

129 79.6 63.8 95.6

131 79.0 62.2 93.2



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

9.34

120000

100000

80000

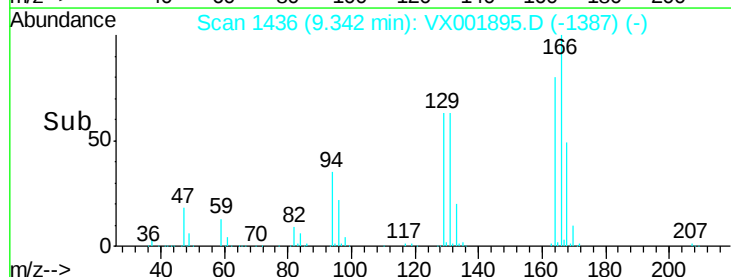
60000

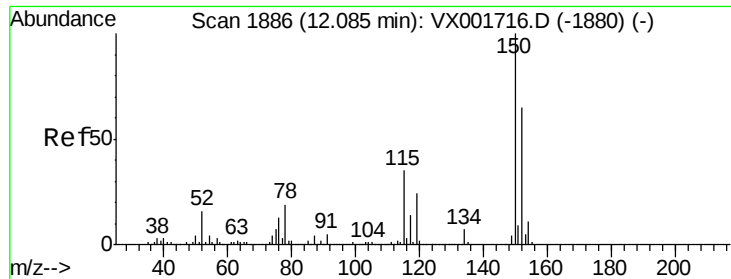
40000

20000

0

Time--> 9.30 9.40 9.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001895.D

Acq: 22 May 2018 16:03

Instrument :

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ClientSampleId :

SS050MW052-180515

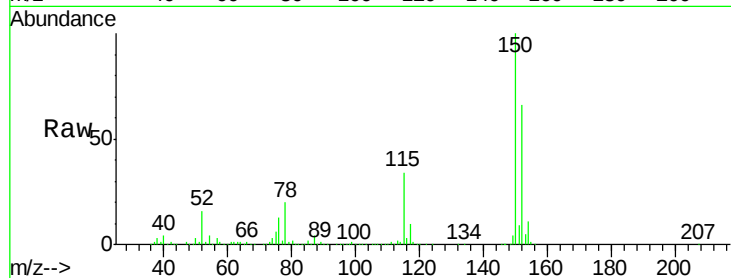
Tot Ion:152 Resp: 218785

Ion Ratio Lower Upper

152 100

115 52.0 37.4 112.2

150 154.4 0.0 344.8



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

