

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001677.D
 Acq On : 12 May 2018 19:49
 Operator : JC/MD
 Sample : J2885-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

Quant Time: May 14 07:23:53 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

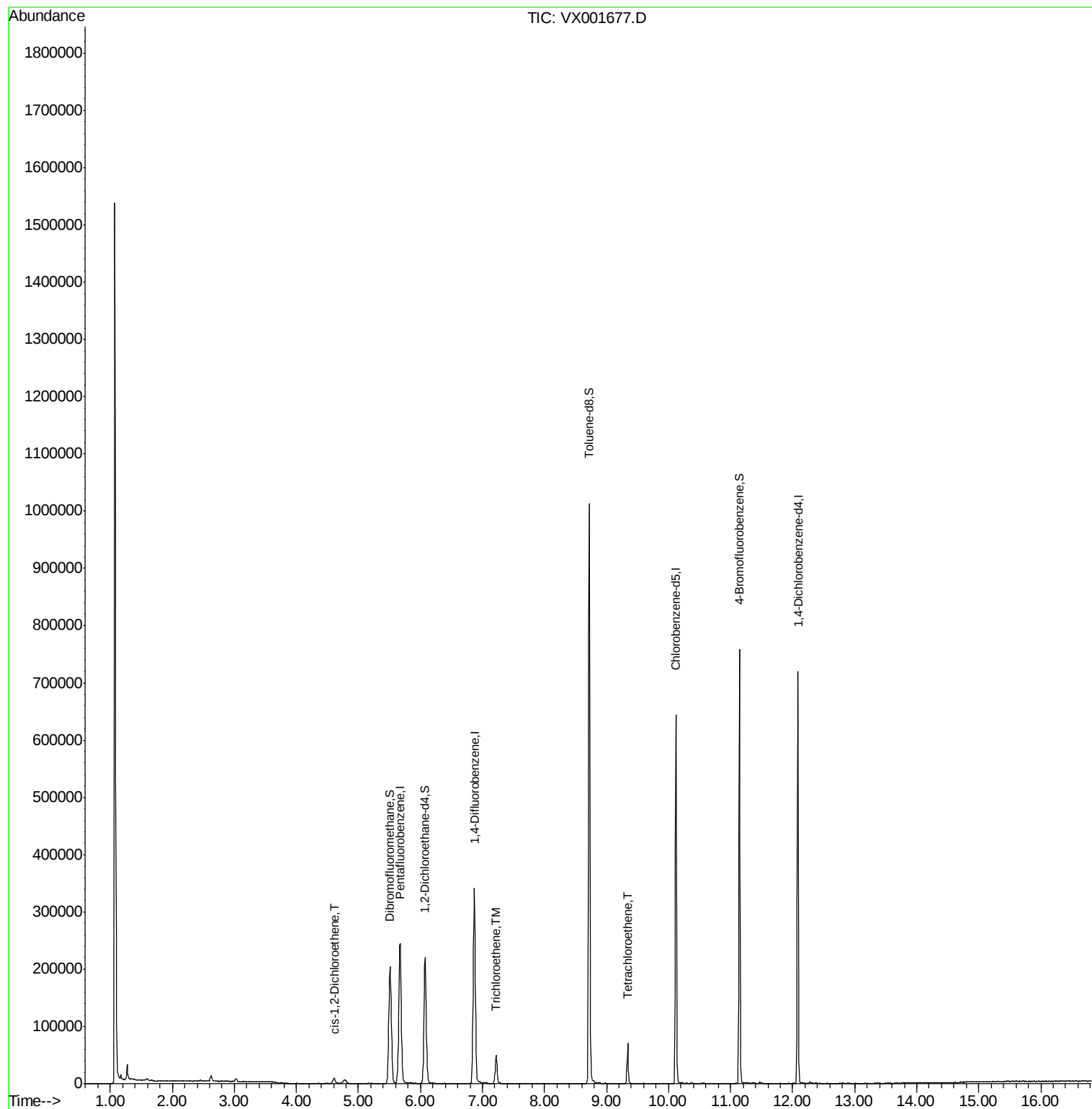
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211717	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.84%	
35) Dibromofluoromethane	5.51	113	169616	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	8.72	98	590146	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	187914	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	5097	1.50	ug/l	96
44) Trichloroethene	7.22	130	19595	4.94	ug/l	97
64) Tetrachloroethene	9.34	164	14546	3.43	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: VX001677.D

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MSVOA_X

ClientSampleId :

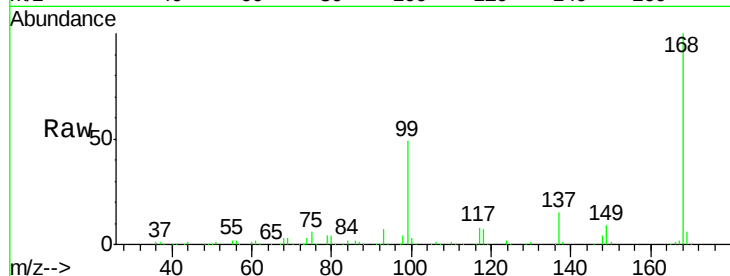
SS052MW159-180508

Tot Ion:168 Resp: 258767

Ion Ratio Lower Upper

168 100

99 48.7 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

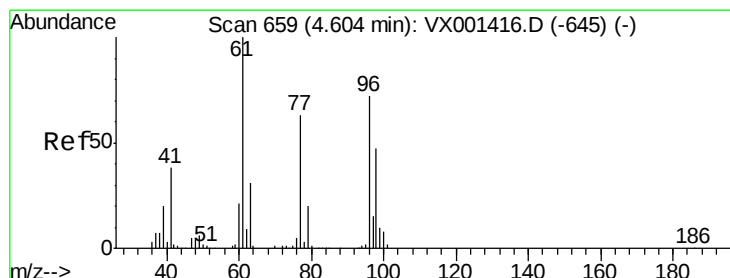
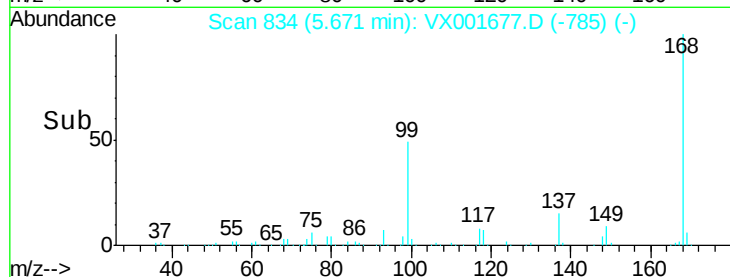
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 1.50 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

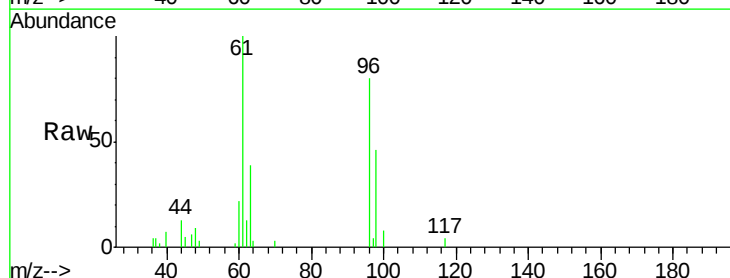
Tgt Ion: 96 Resp: 5097

Ion Ratio Lower Upper

96 100

61 157.2 0.0 301.6

98 64.4 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

4.60

3000

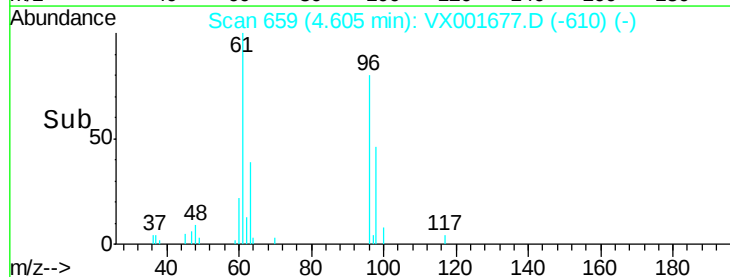
2000

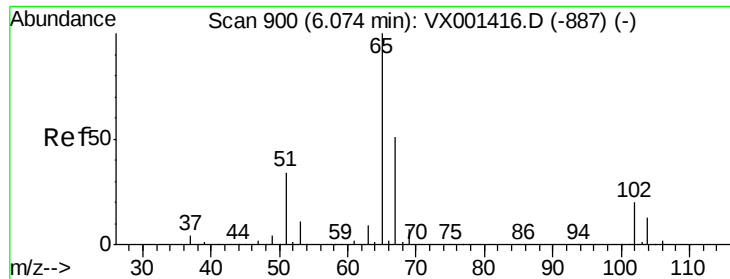
1000

0

Time-->

4.50 4.55 4.60 4.65 4.70

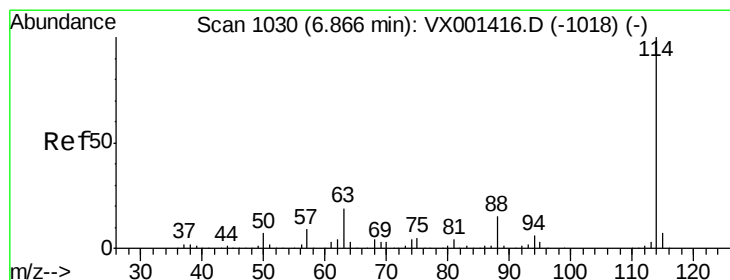
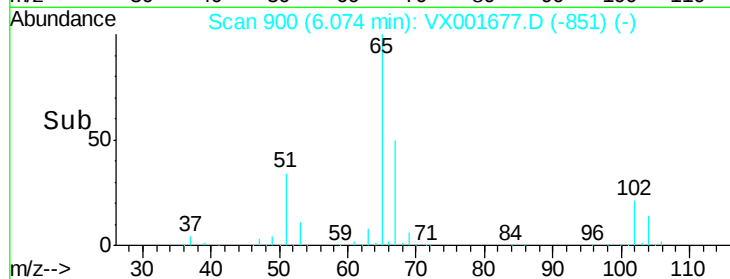
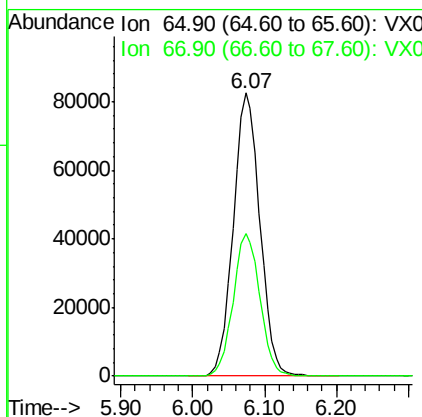
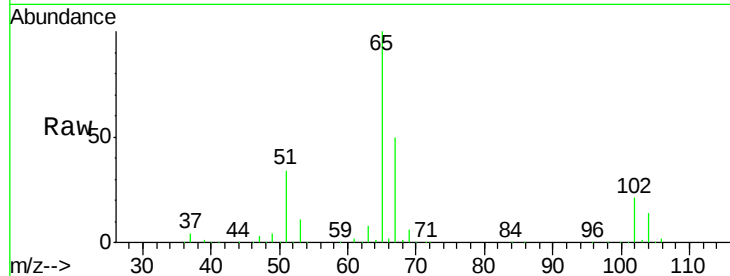




#33
 1,2-Dichloroethane-d4
 Concen: 56.92 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

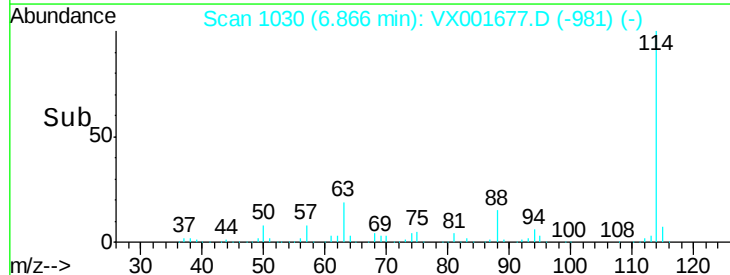
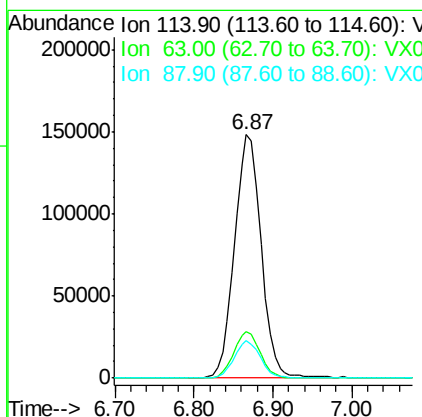
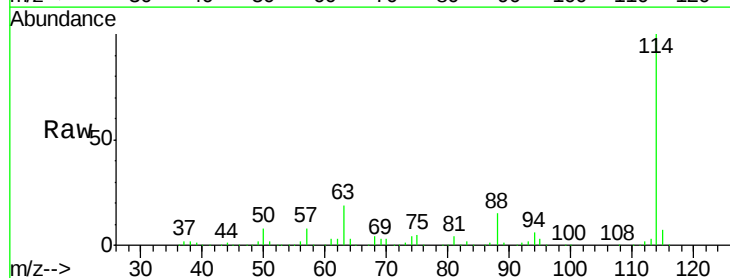
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

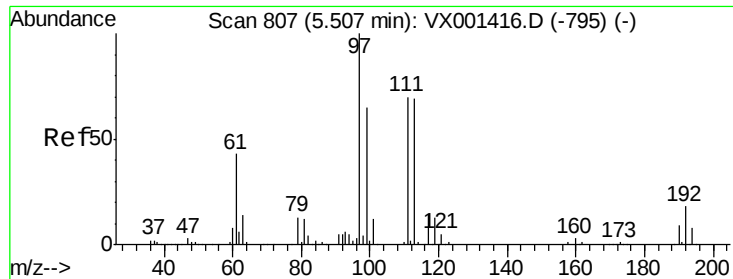
Tot Ion: 65 Resp: 211717
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Tgt Ion: 114 Resp: 349318
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.5 0.0 30.8

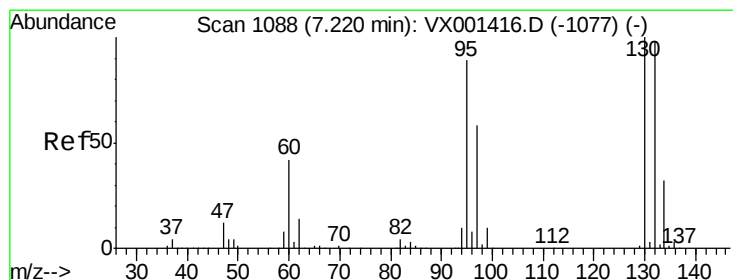
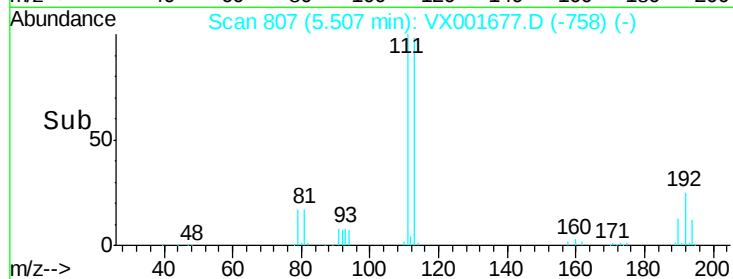
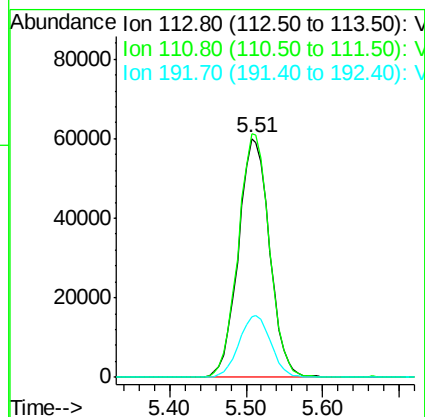
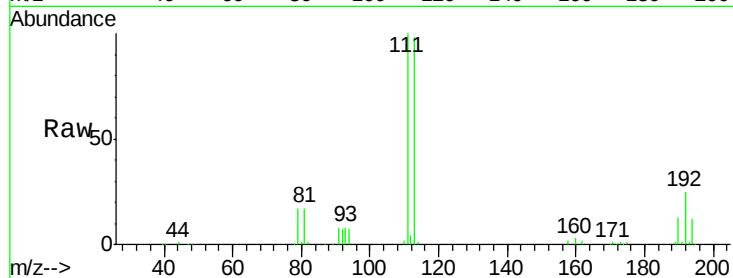




#35
 Dibromofluoromethane
 Concen: 54.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

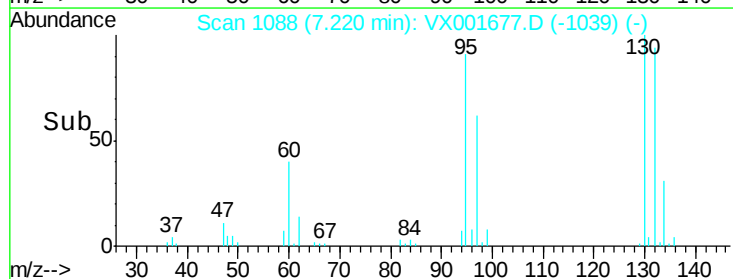
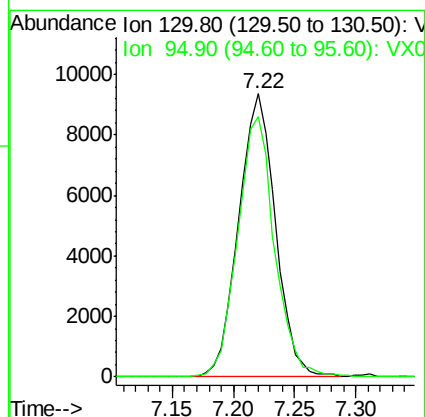
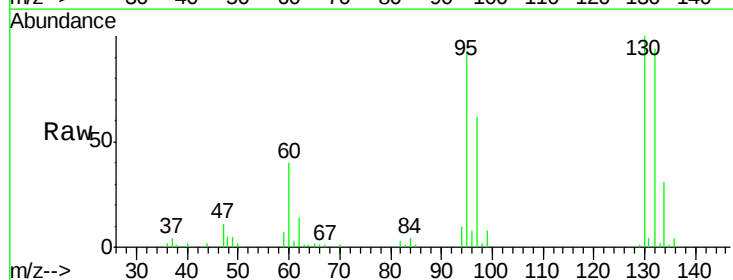
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW159-180508

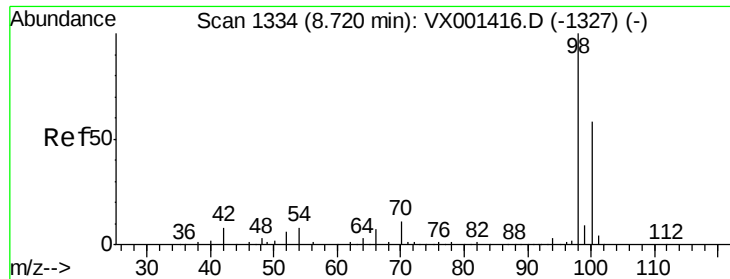
Tot Ion:113 Resp: 169616
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 26.2 21.4 32.0



#44
 Trichloroethene
 Concen: 4.94 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001677.D
 Acq: 12 May 2018 19:49

Tgt Ion:130 Resp: 19595
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 178.4





#50

Toluene-d8

Concen: 52.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

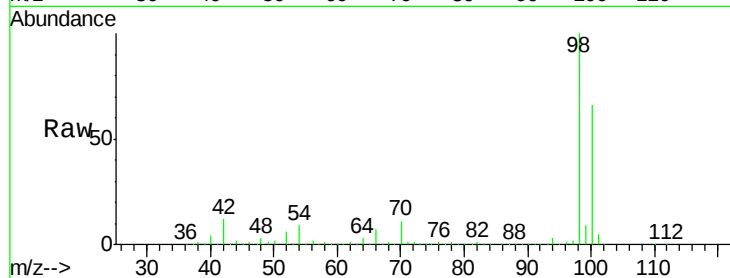
SS052MW159-180508

Tot Ion: 98 Resp: 590146

Ion Ratio Lower Upper

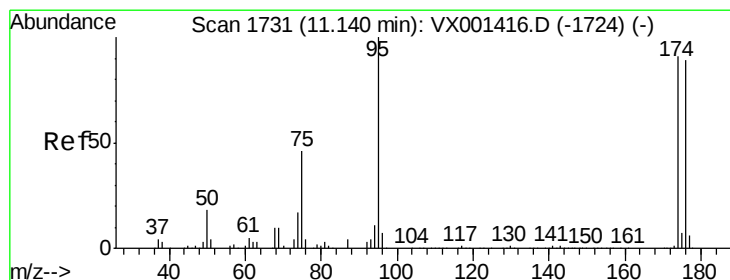
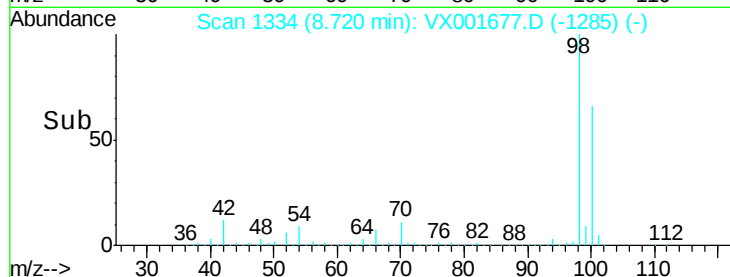
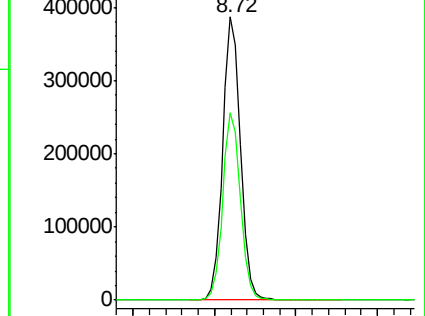
98 100

100 66.0 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: 43.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001677.D

Acq: 12 May 2018 19:49

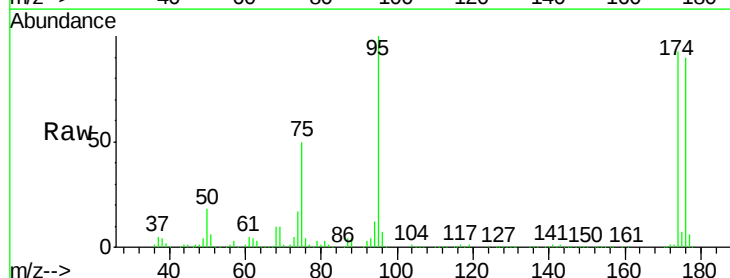
Tgt Ion: 95 Resp: 187914

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

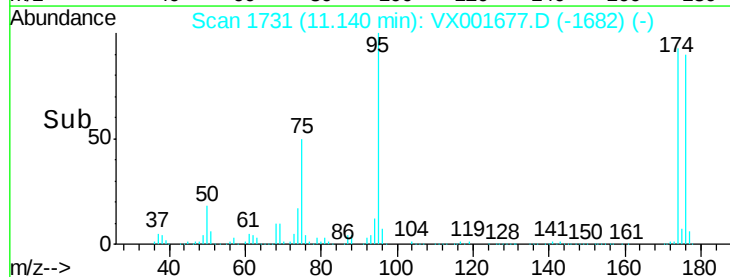
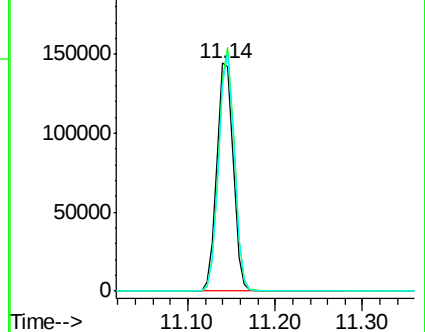
176 98.5 0.0 197.4

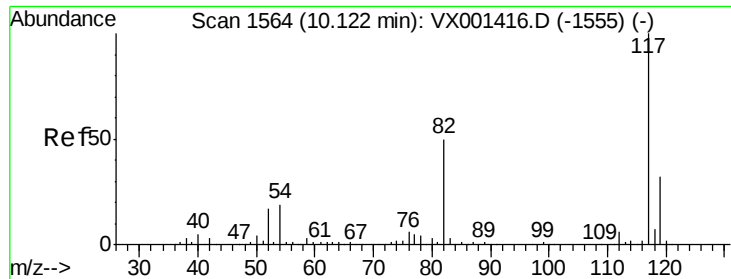


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

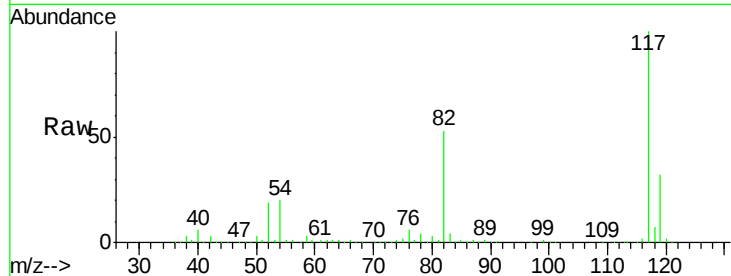




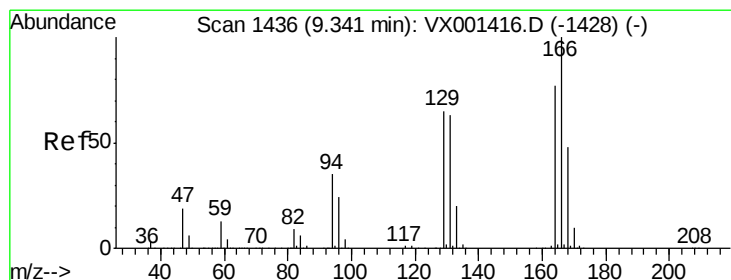
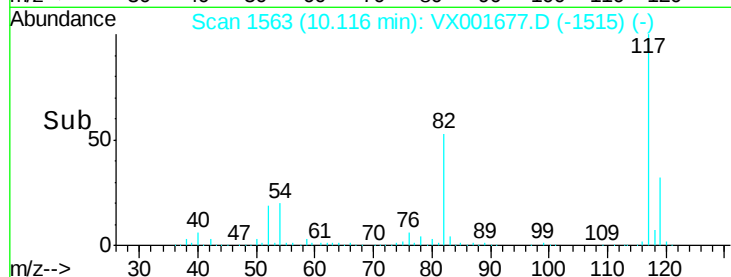
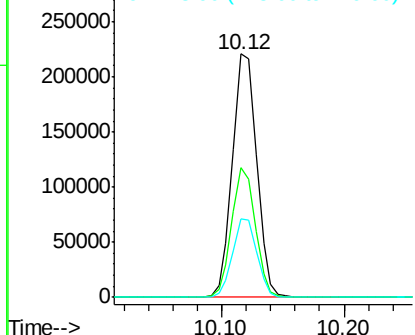
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001677.D
Acq: 12 May 2018 19:49

Instrument :
MSVOA_X
ClientSampleId :
SS052MW159-180508

Tot Ion:117 Resp: 304087
Ion Ratio Lower Upper
117 100
82 53.1 40.0 60.0
119 32.4 25.8 38.8

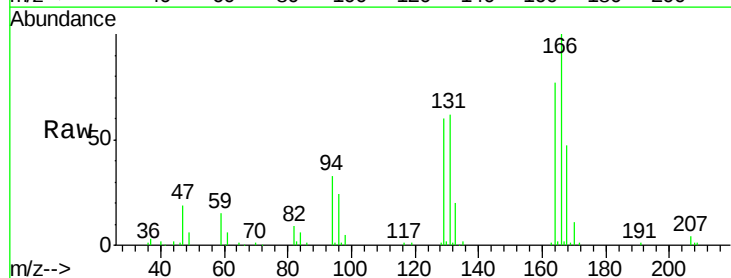


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

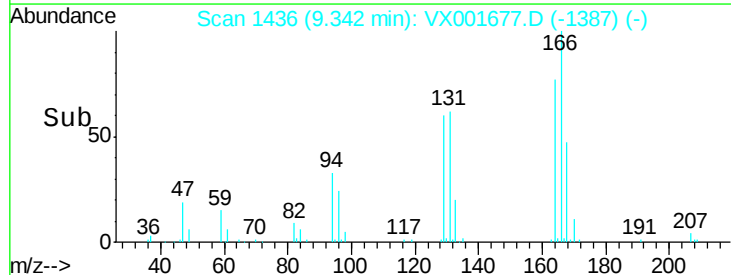
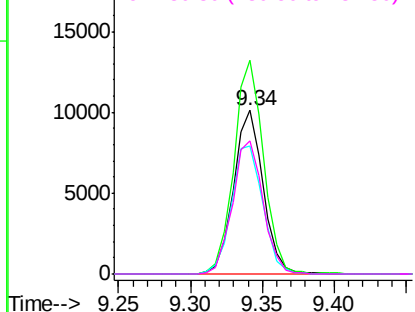


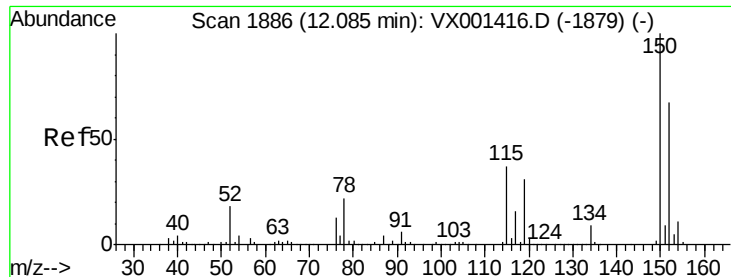
#64
Tetrachloroethene
Concen: 3.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001677.D
Acq: 12 May 2018 19:49

Tgt Ion:164 Resp: 14546
Ion Ratio Lower Upper
164 100
166 130.4 103.5 155.3
129 77.9 66.7 100.1
131 81.4 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: VX001677.D

Acq: 12 May 2018 19:49

Instrument :

MSVOA_X

ClientSampleId :

SS052MW159-180508

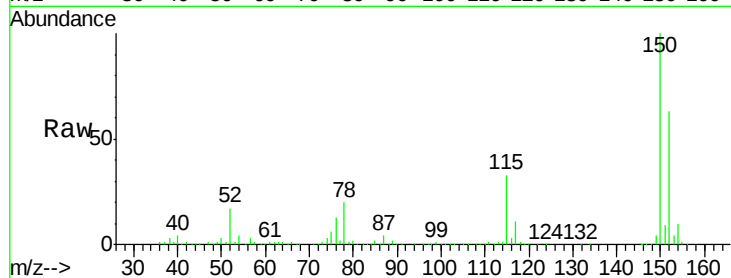
Tot Ion:152 Resp: 157723

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

150 157.4 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

