

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002304.D
 Acq On : 05 Jun 2018 14:37
 Operator : JC/MD
 Sample : J3269-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

Quant Time: Jun 06 05:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

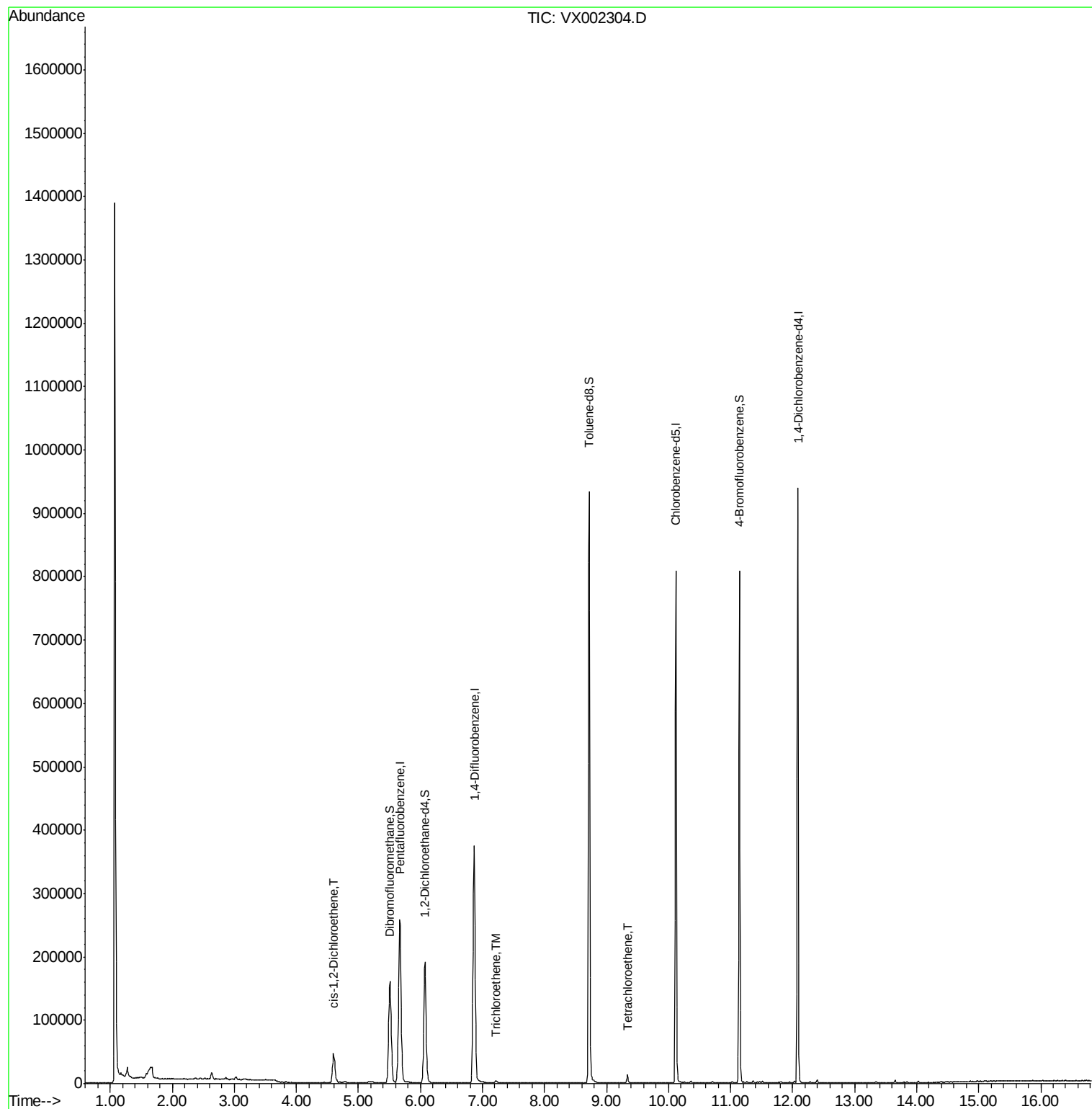
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178672	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	5.51	113	131681	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
50) Toluene-d8	8.72	98	538870	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	190087	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	27782	8.456	ug/l	92
44) Trichloroethene	7.21	130	1222	0.366	ug/l	66
64) Tetrachloroethene	9.34	164	2187	0.614	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002304.D

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Instrument :

MSVOA_X

ClientSampleId :

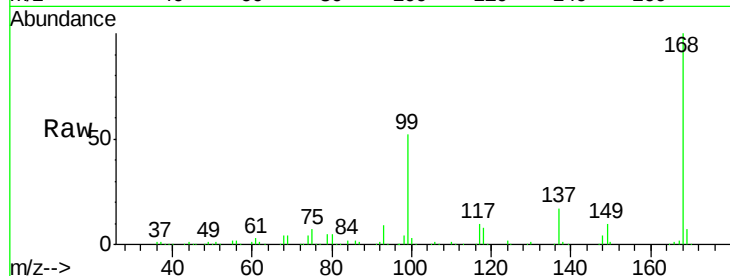
SS052MW603-180531

Tot Ion:168 Resp: 257330

Ion Ratio Lower Upper

168 100

99 51.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

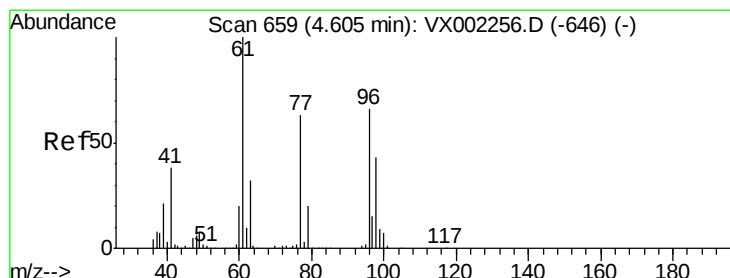
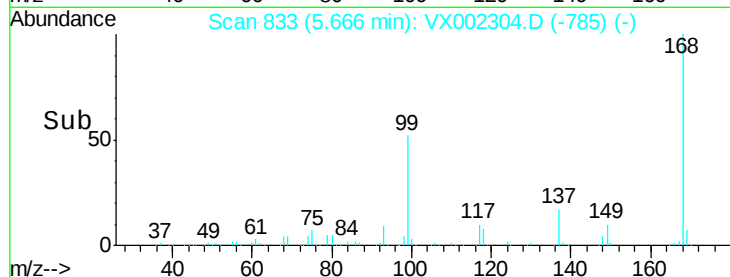
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 8.456 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002304.D

Acq: 05 Jun 2018 14:37

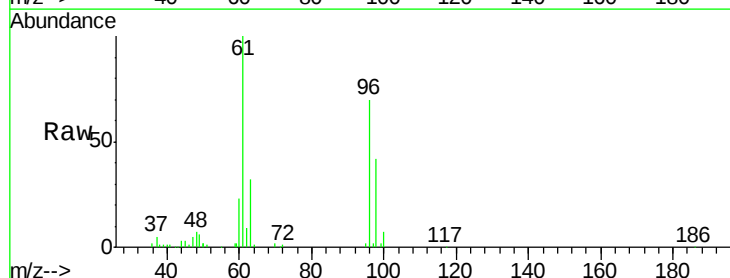
Tgt Ion: 96 Resp: 27782

Ion Ratio Lower Upper

96 100

61 150.7 0.0 330.2

98 64.2 0.0 130.2



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

20000

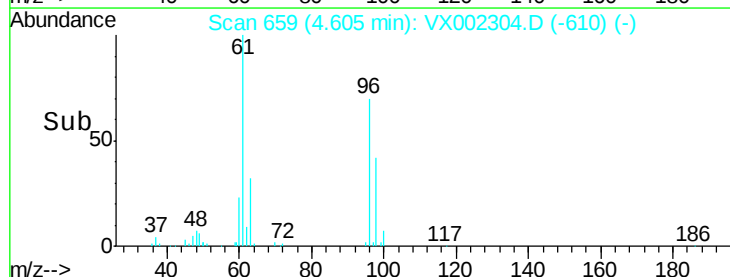
15000

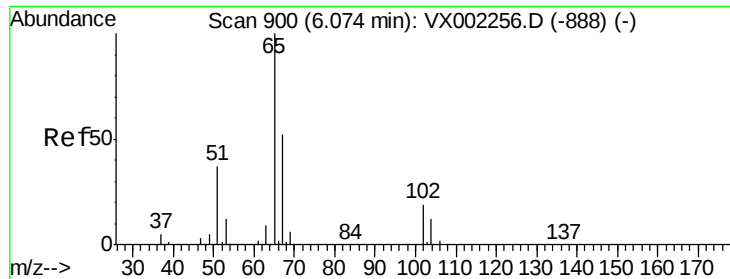
10000

5000

0

Time--> 4.50 4.60 4.70

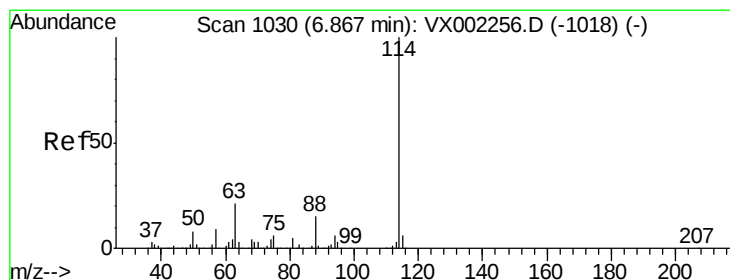
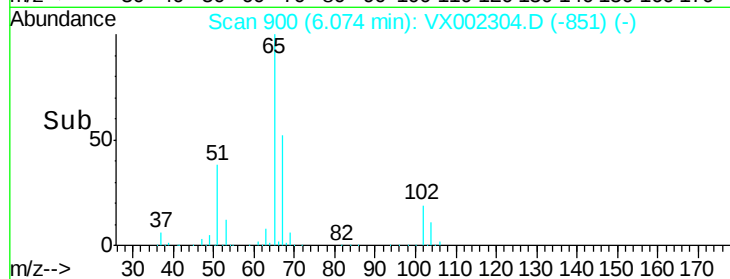
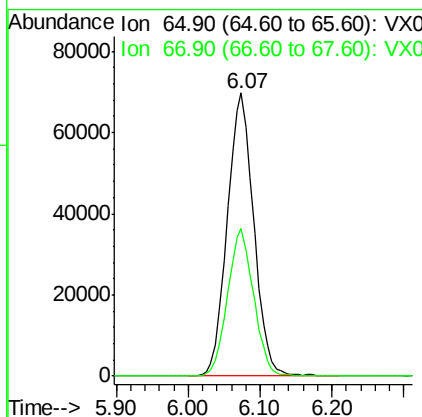
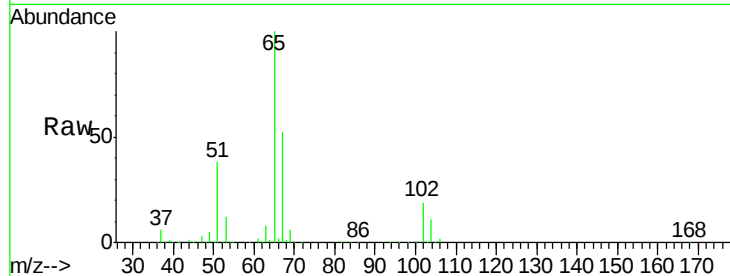




#33
 1,2-Dichloroethane-d4
 Concen: 48.447 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002304.D
 Acq: 05 Jun 2018 14:37

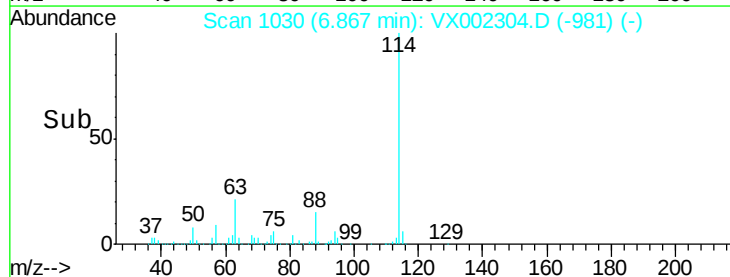
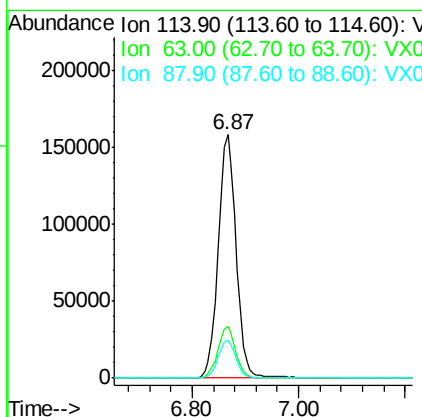
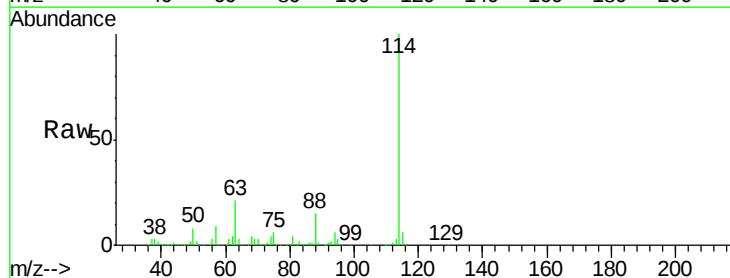
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

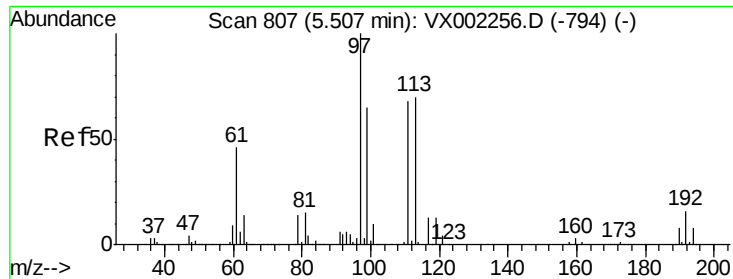
Tot Ion: 65 Resp: 178672
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002304.D
 Acq: 05 Jun 2018 14:37

Tgt Ion: 114 Resp: 372979
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.894 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002304.D

Acq: 05 Jun 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW603-180531

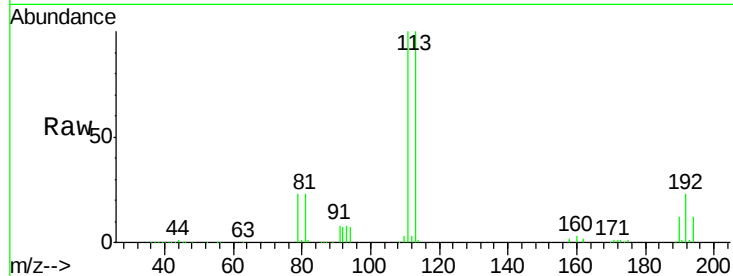
Tot Ion:113 Resp: 131681

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

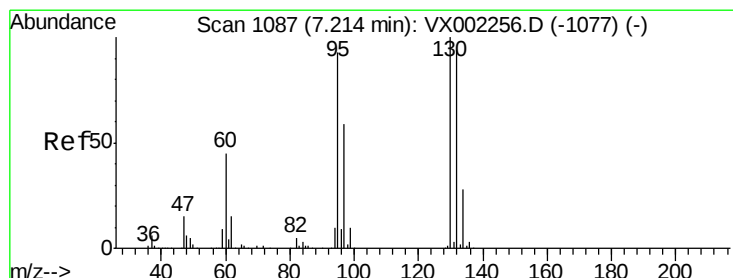
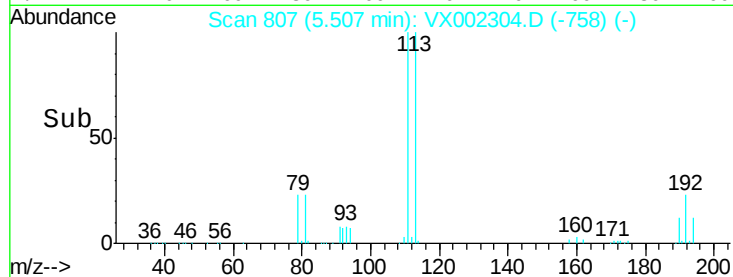
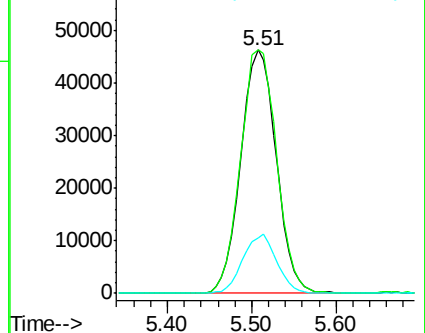
192 23.3 19.1 28.7



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: 0.366 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002304.D

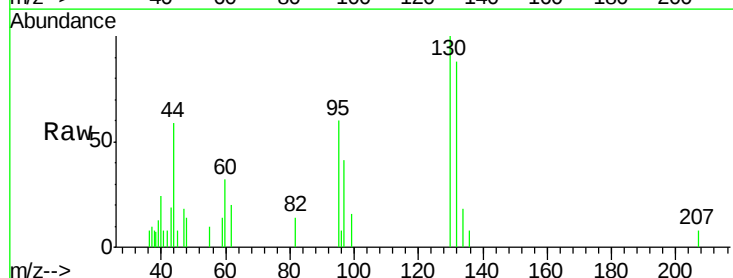
Acq: 05 Jun 2018 14:37

Tgt Ion:130 Resp: 1222

Ion Ratio Lower Upper

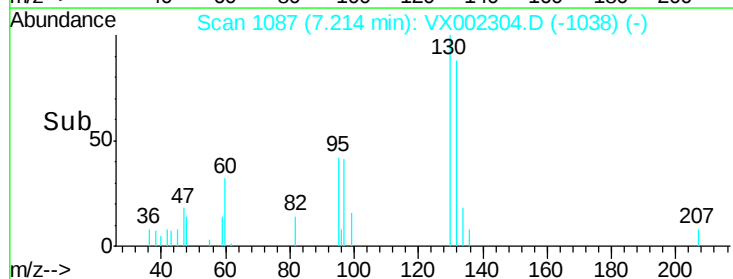
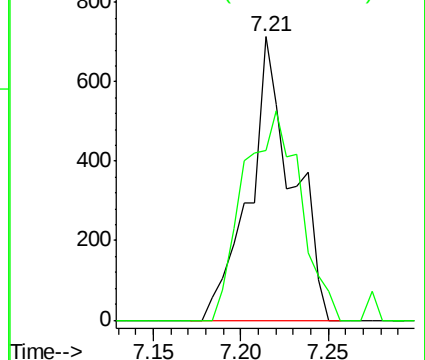
130 100

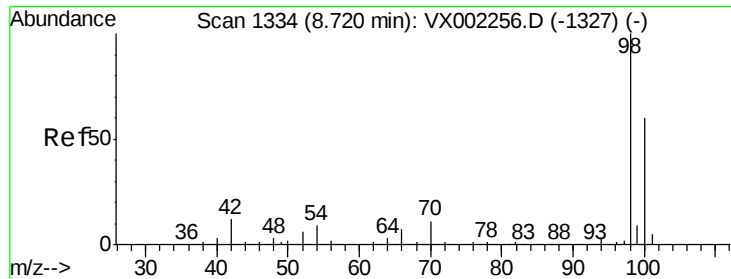
95 59.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.931 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002304.D

Acq: 05 Jun 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

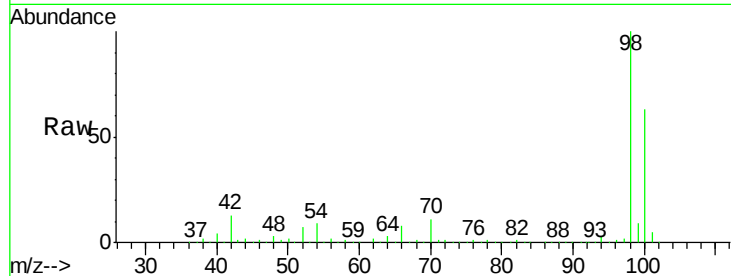
SS052MW603-180531

Tot Ion: 98 Resp: 538870

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

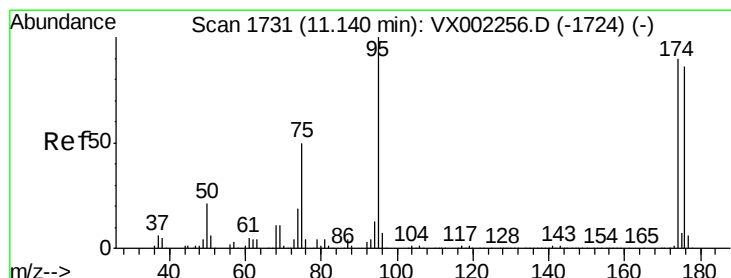
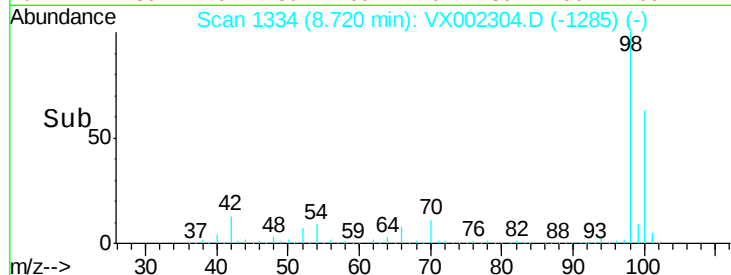
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.847 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002304.D

Acq: 05 Jun 2018 14:37

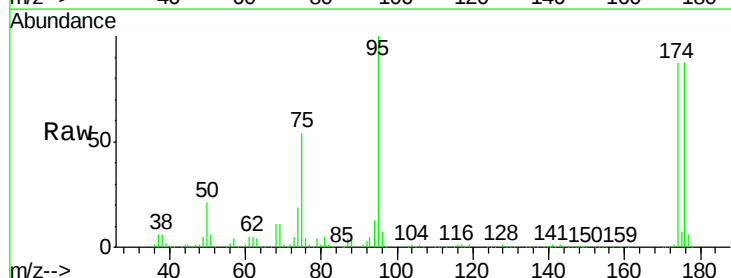
Tgt Ion: 95 Resp: 190087

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

176 91.3 0.0 181.0



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

200000

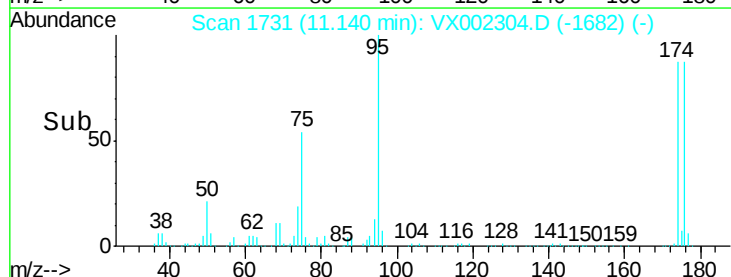
150000

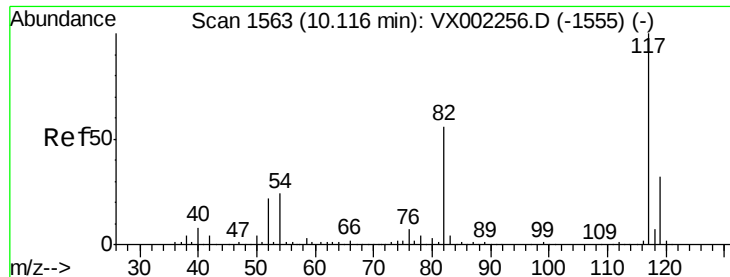
100000

50000

0

Time-->

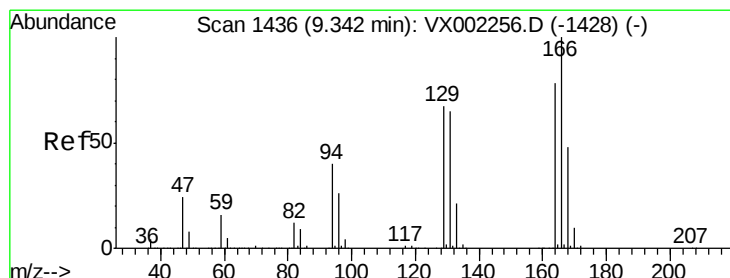
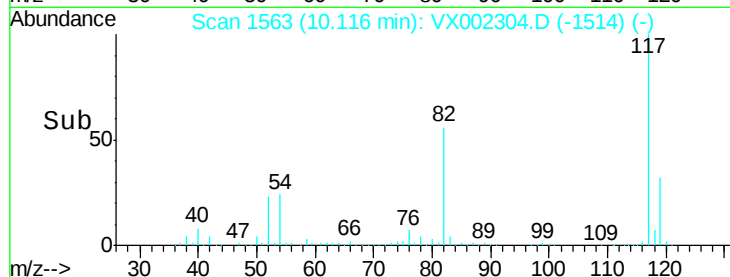
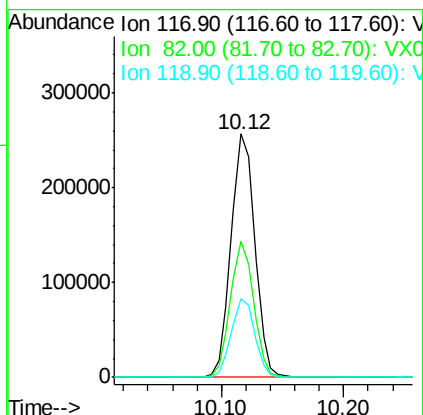
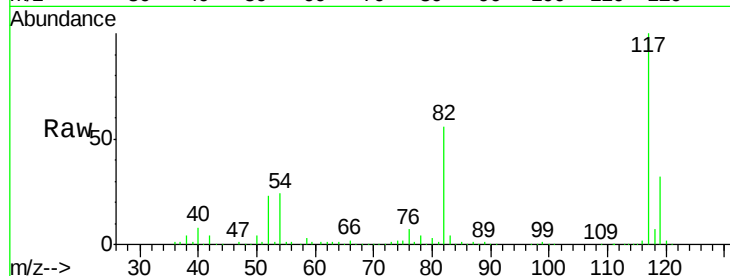




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002304.D
Acq: 05 Jun 2018 14:37

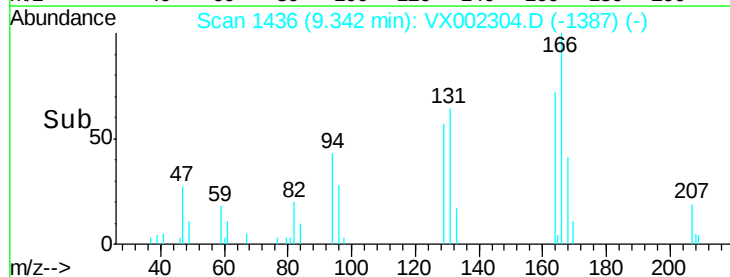
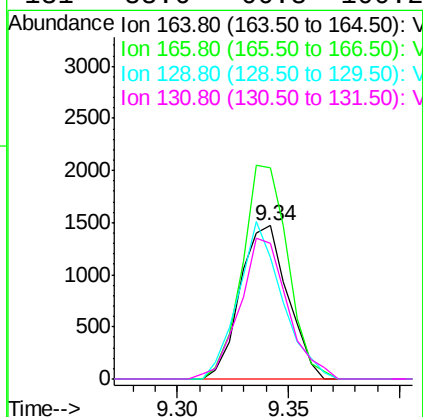
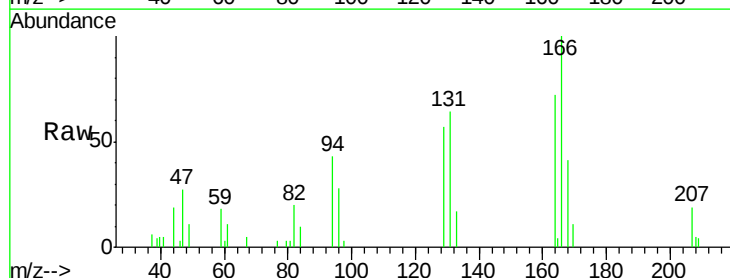
Instrument :
MSVOA_X
ClientSampleId :
SS052MW603-180531

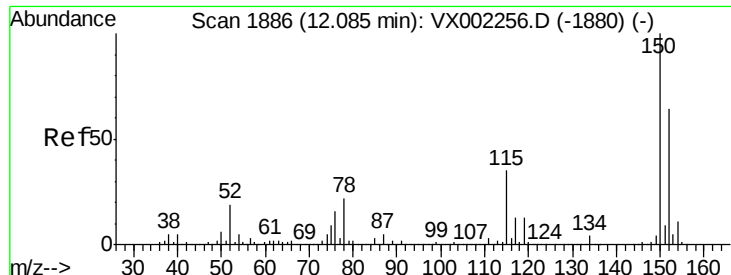
Tot Ion:117 Resp: 345372
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 0.614 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002304.D
Acq: 05 Jun 2018 14:37

Tgt Ion:164 Resp: 2187
Ion Ratio Lower Upper
164 100
166 138.4 102.9 154.3
129 79.1 68.6 102.8
131 88.6 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002304.D

Acq: 05 Jun 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW603-180531

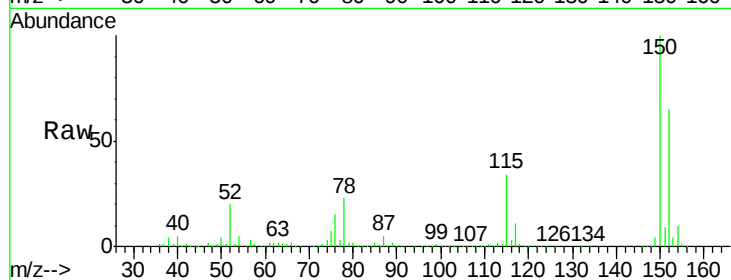
Tot Ion:152 Resp: 194409

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 156.1 0.0 347.2



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

