

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002303.D
 Acq On : 05 Jun 2018 14:11
 Operator : JC/MD
 Sample : J3269-07RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW210-180530RE

Quant Time: Jun 06 05:17:24 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

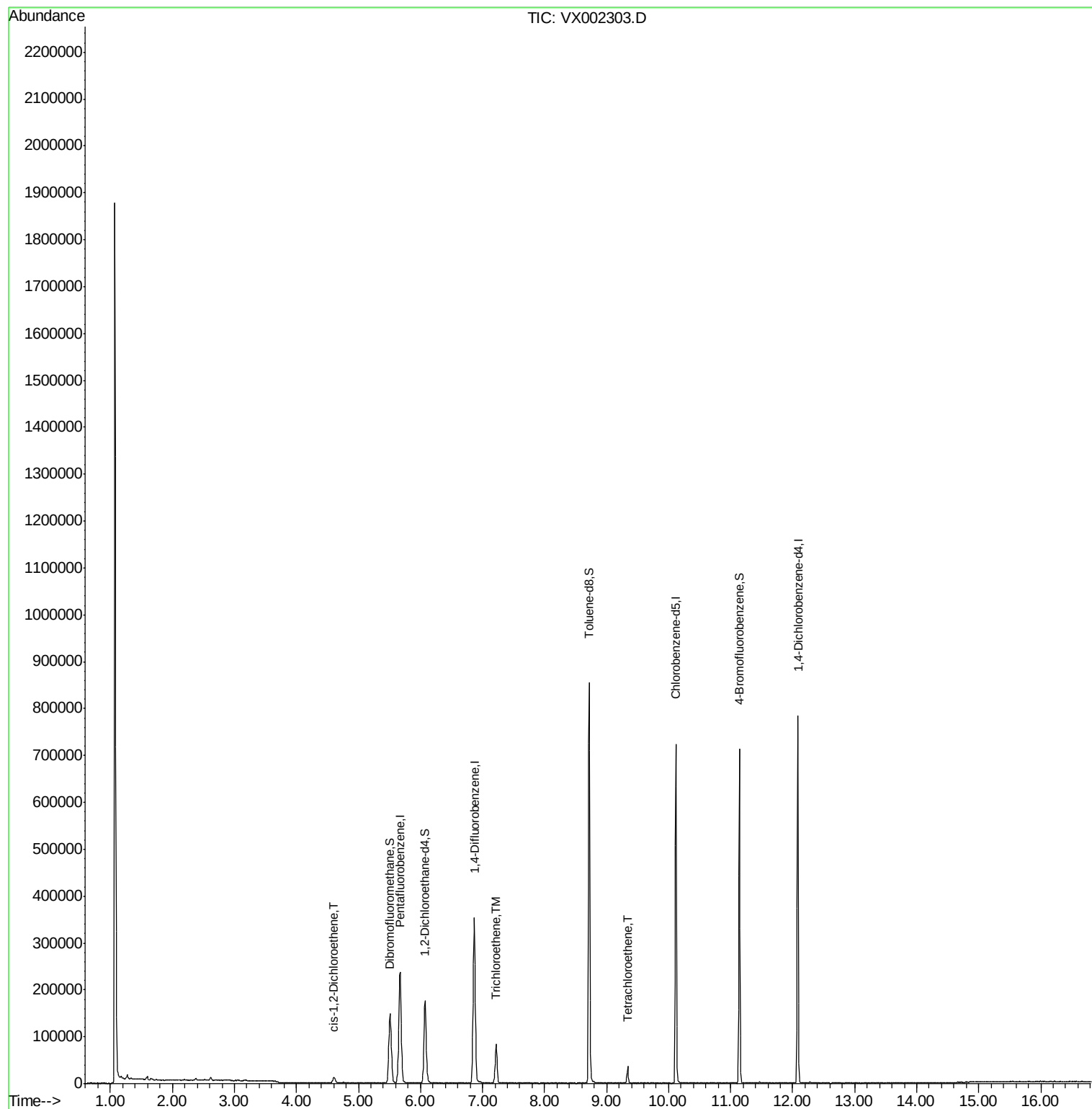
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165962	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	5.51	113	120130	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
50) Toluene-d8	8.72	98	489591	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	164505	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6638	2.224	ug/l	90
44) Trichloroethene	7.22	130	31766	10.352	ug/l	99
64) Tetrachloroethene	9.34	164	7151	2.252	ug/l	97

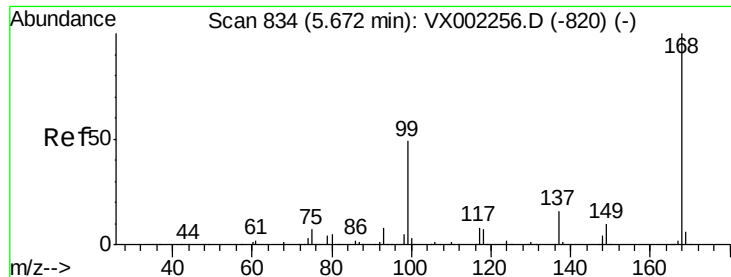
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

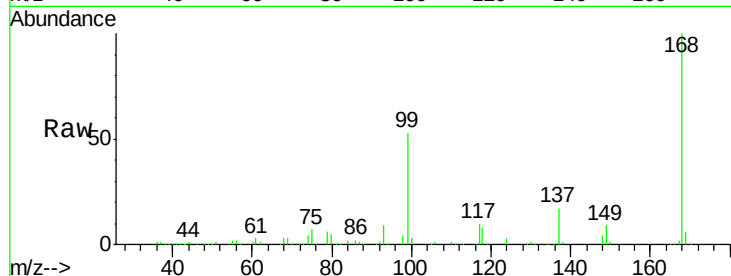
SS052MW210-180530RE

Tot Ion:168 Resp: 233793

Ion Ratio Lower Upper

168 100

99 52.7 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

80000

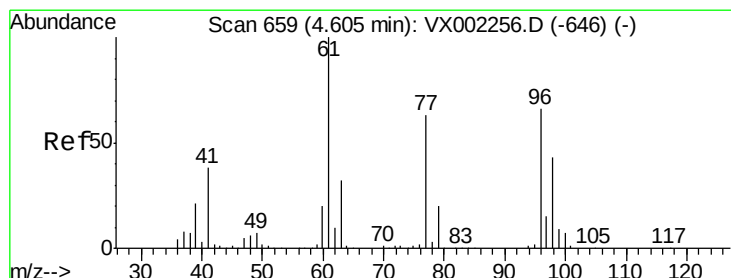
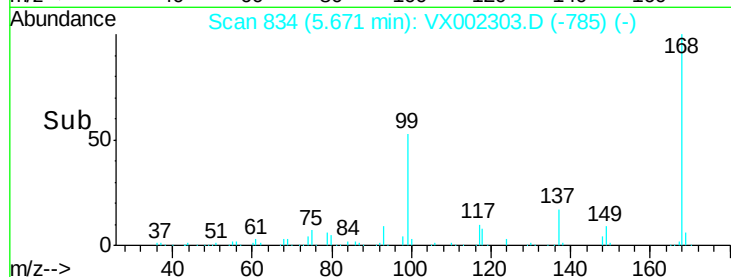
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.224 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

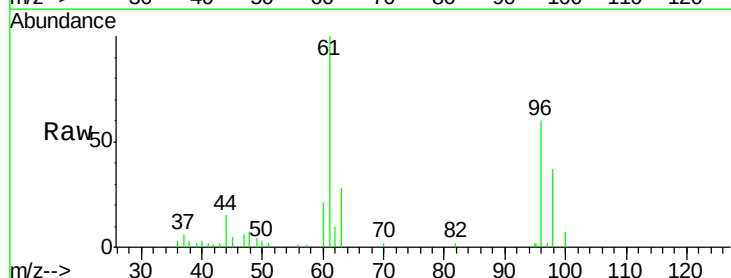
Tgt Ion: 96 Resp: 6638

Ion Ratio Lower Upper

96 100

61 182.8 0.0 330.2

98 63.9 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

4.60

6000

5000

4000

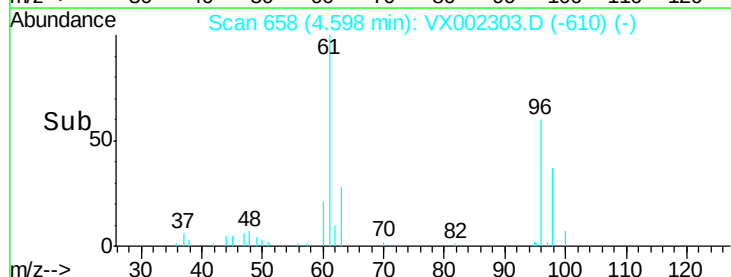
3000

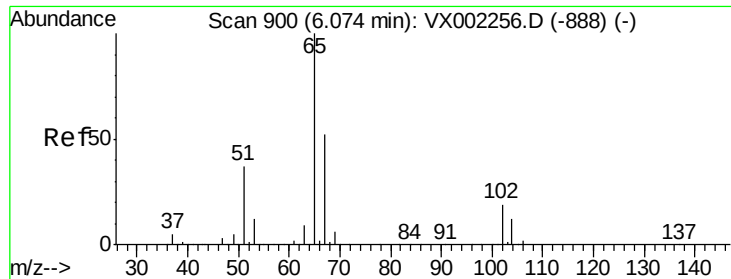
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70

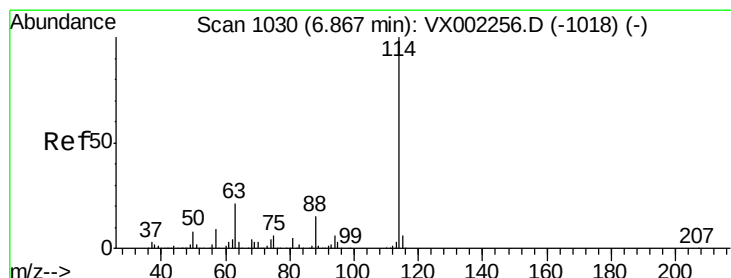
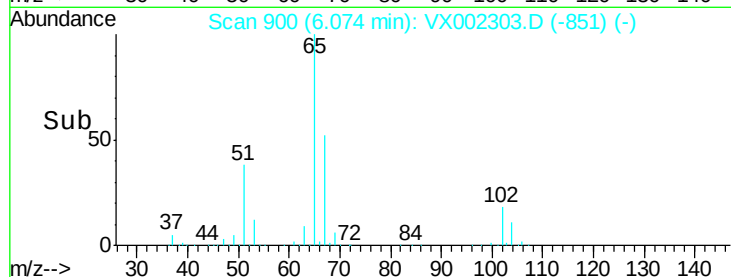
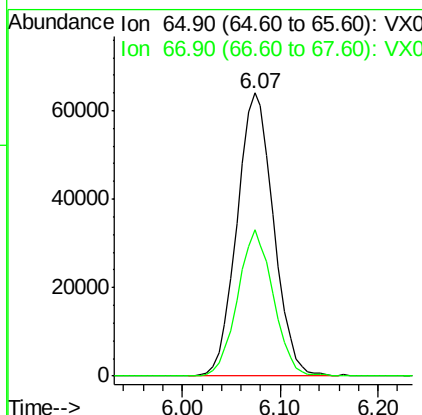
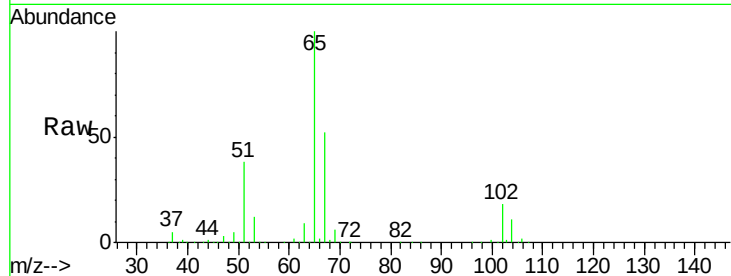




#33
 1,2-Dichloroethane-d4
 Concen: 49.614 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002303.D
 Acq: 05 Jun 2018 14:11

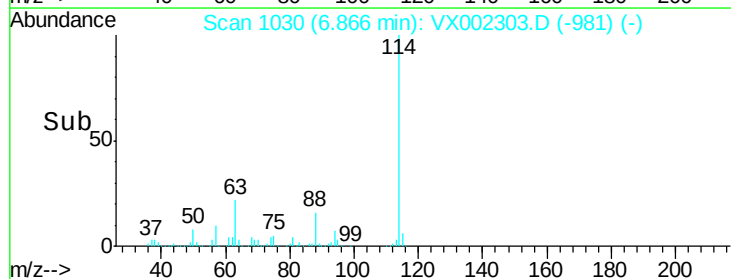
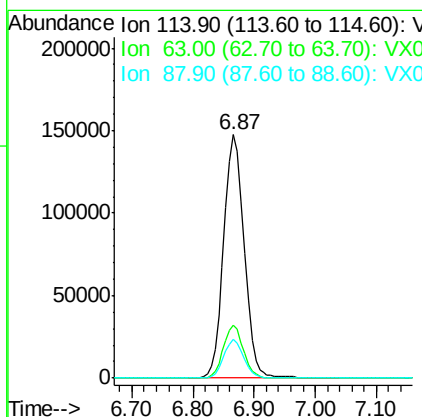
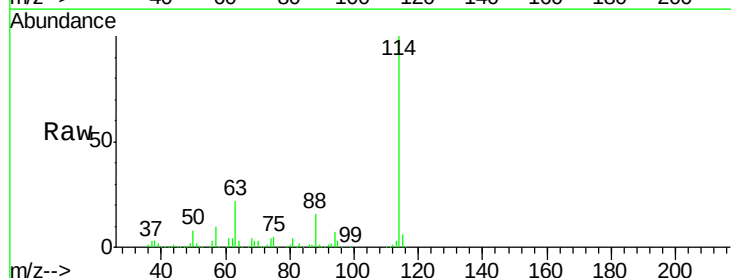
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW210-180530RE

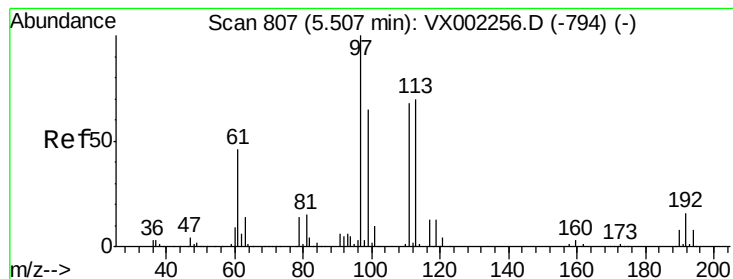
Tot Ion: 65 Resp: 165962
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002303.D
 Acq: 05 Jun 2018 14:11

Tgt Ion: 114 Resp: 342996
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.536 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-180530RE

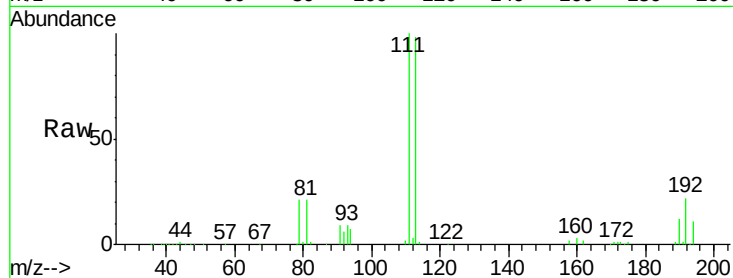
Tot Ion:113 Resp: 120130

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

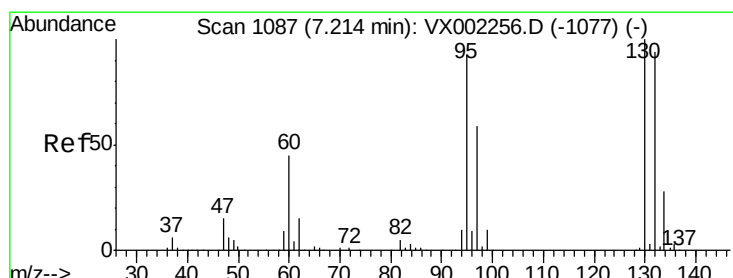
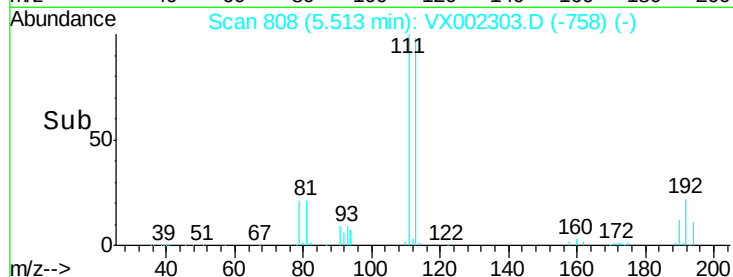
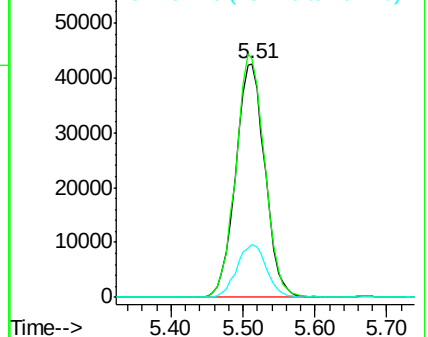
192 22.9 19.1 28.7



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: 10.352 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002303.D

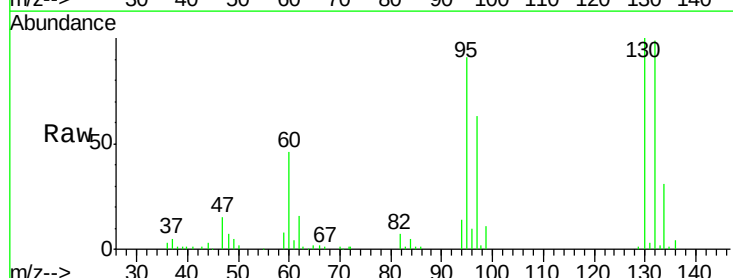
Acq: 05 Jun 2018 14:11

Tgt Ion:130 Resp: 31766

Ion Ratio Lower Upper

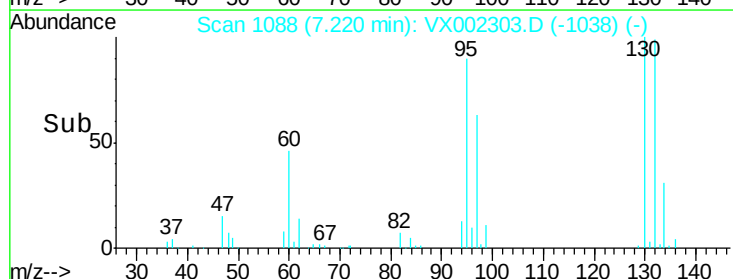
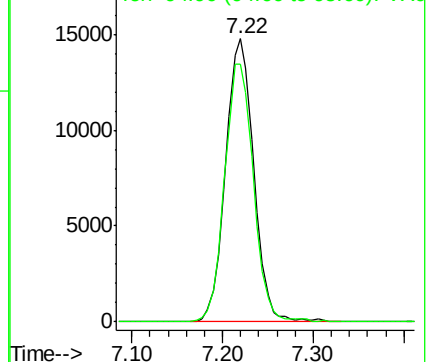
130 100

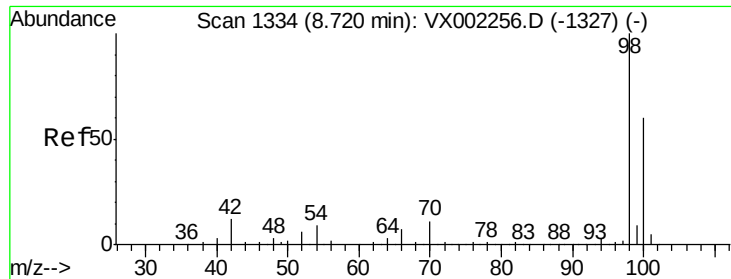
95 91.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 47.355 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

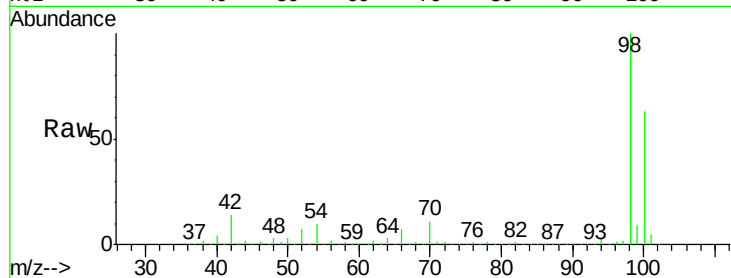
SS052MW210-180530RE

Tot Ion: 98 Resp: 489591

Ion Ratio Lower Upper

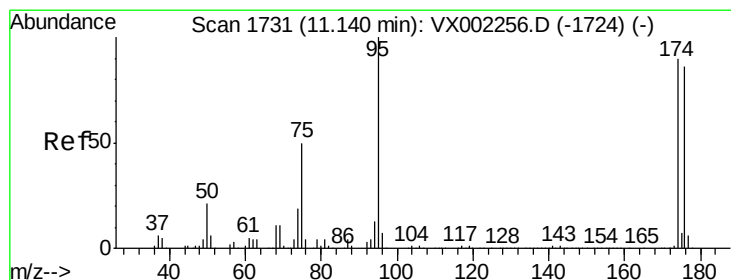
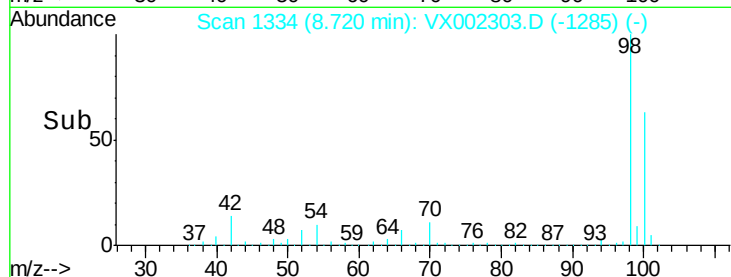
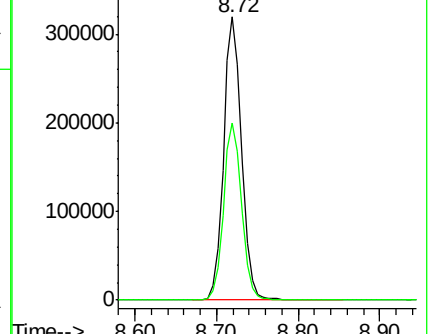
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.263 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

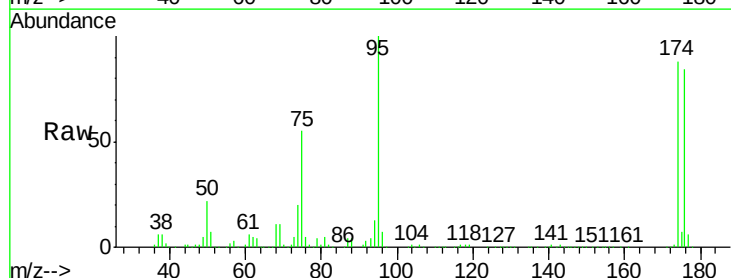
Tgt Ion: 95 Resp: 164505

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

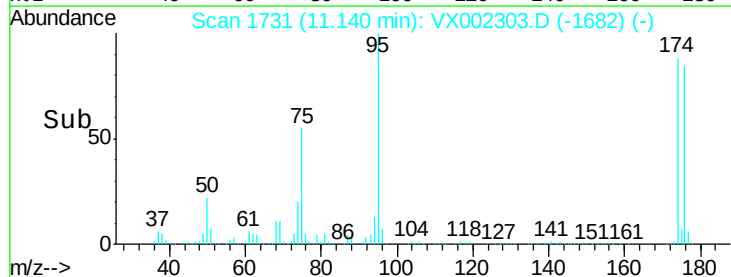
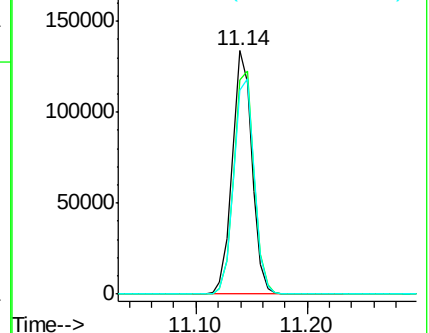
176 91.7 0.0 181.0

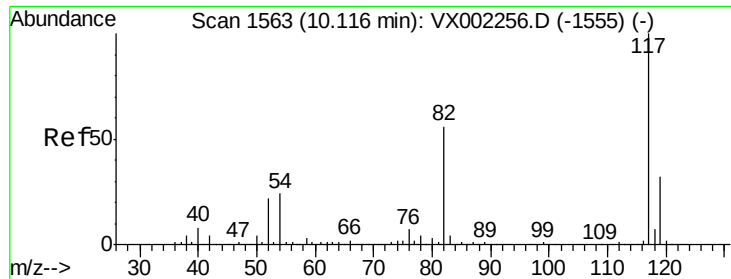


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

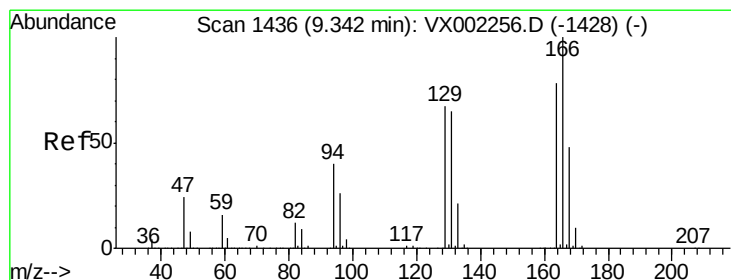
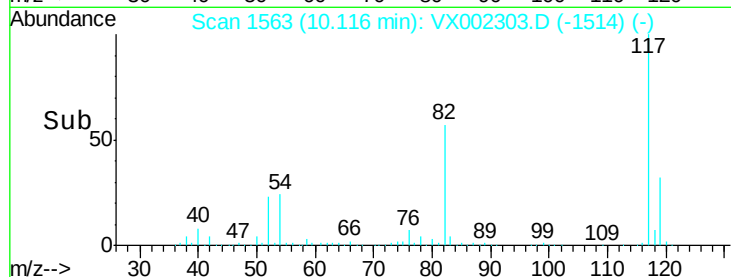
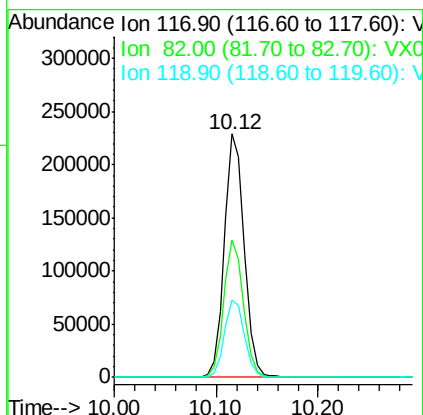
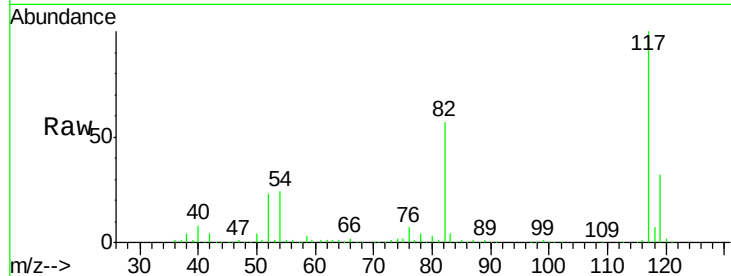




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002303.D
Acq: 05 Jun 2018 14:11

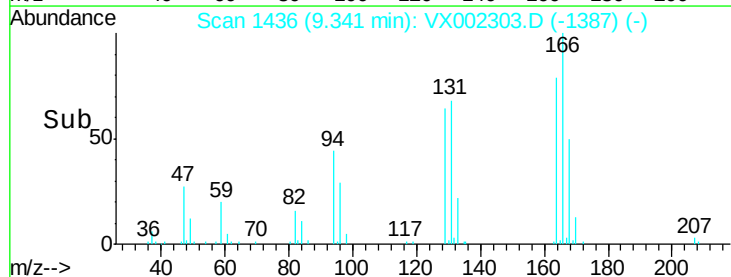
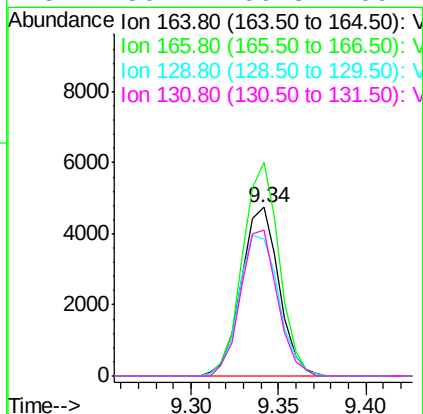
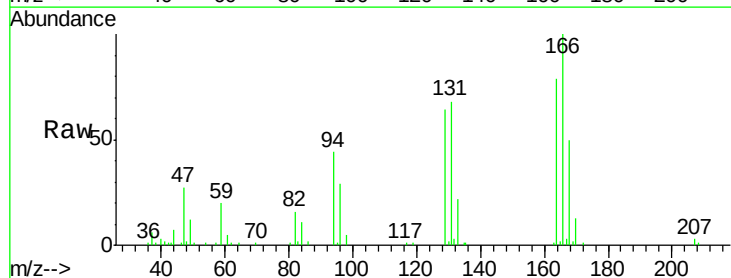
Instrument :
MSVOA_X
ClientSampleId :
SS052MW210-180530RE

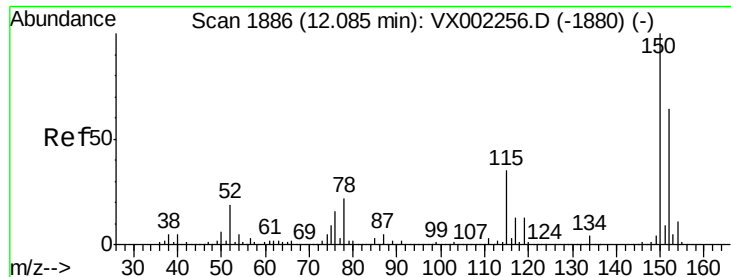
Tot Ion:117 Resp: 307869
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 2.252 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002303.D
Acq: 05 Jun 2018 14:11

Tgt Ion:164 Resp: 7151
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 81.1 68.6 102.8
131 86.1 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002303.D

Acq: 05 Jun 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-180530RE

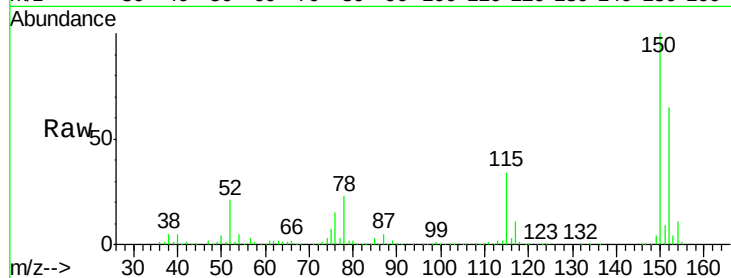
Tot Ion:152 Resp: 162221

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

150 155.1 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

