

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002288.D
 Acq On : 05 Jun 2018 04:32
 Operator : JC/MD
 Sample : J3269-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

Quant Time: Jun 05 07:49:32 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

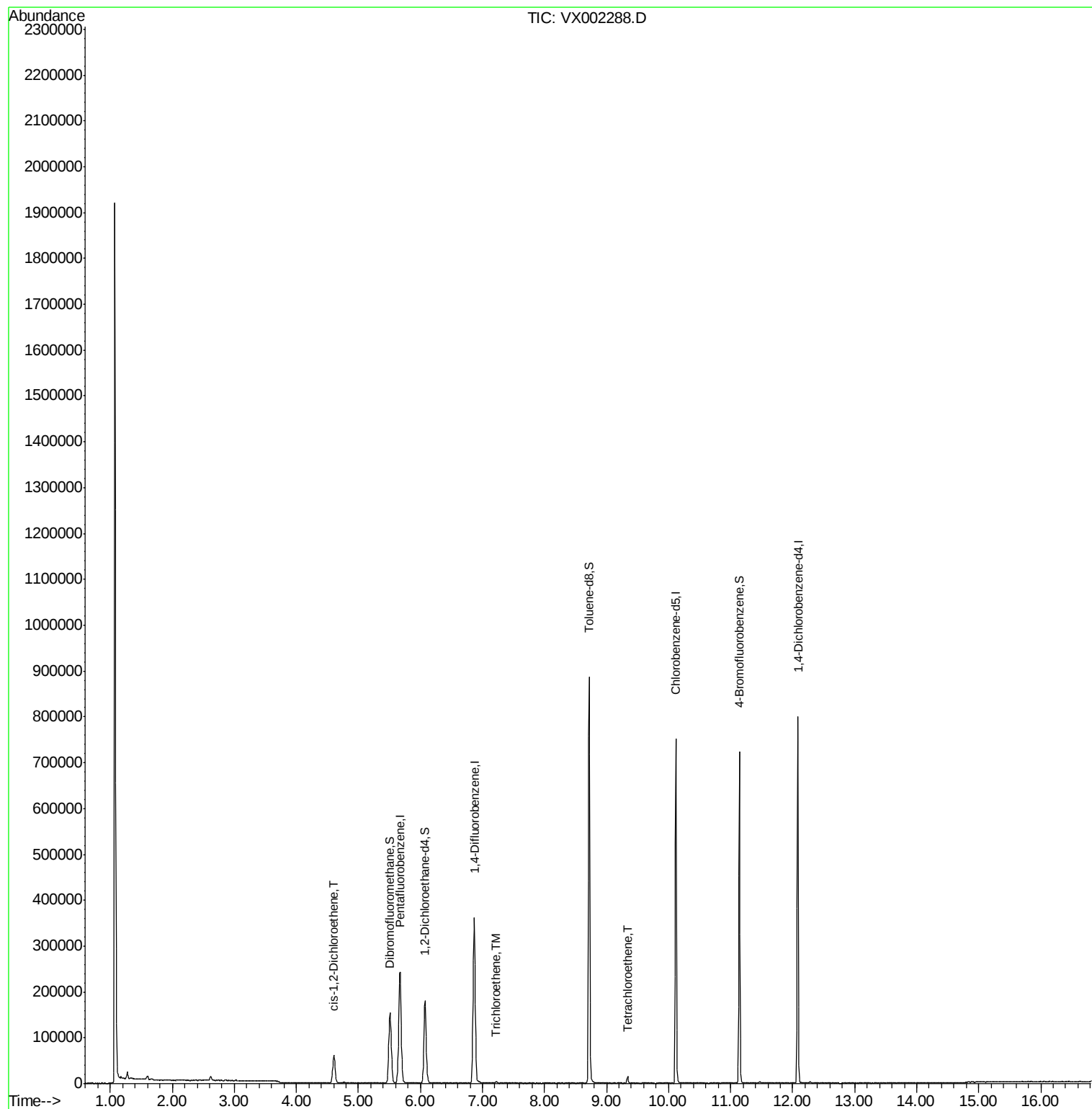
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168787	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	125052	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
50) Toluene-d8	8.72	98	503261	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	167303	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	35087	11.406	ug/l	89
44) Trichloroethene	7.22	130	1188	0.373	ug/l	98
64) Tetrachloroethene	9.34	164	2944	0.908	ug/l	93

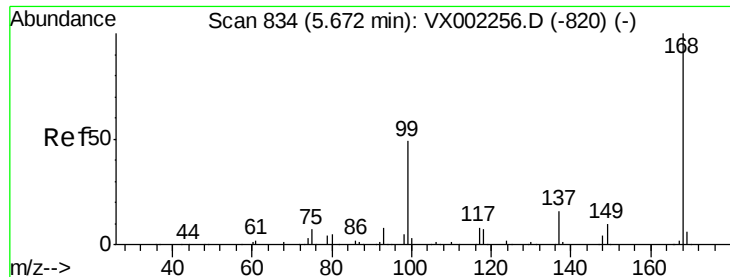
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002288.D

Acq: 05 Jun 2018 04:32

Instrument :

MSVOA_X

ClientSampleId :

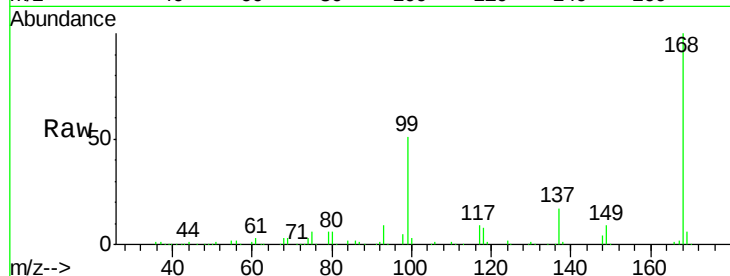
SS052MW603-180531

Tot Ion:168 Resp: 240953

Ion Ratio Lower Upper

168 100

99 51.2 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

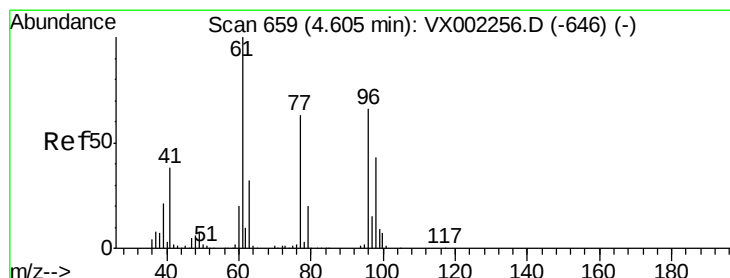
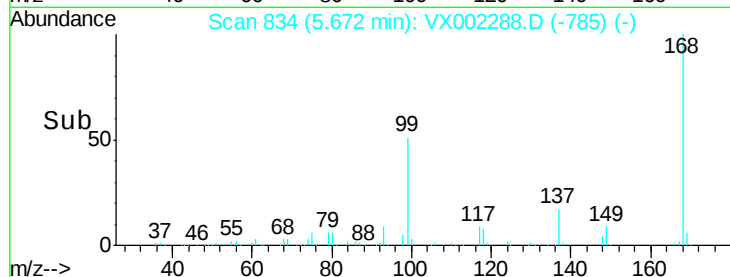
40000

20000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 11.406 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002288.D

Acq: 05 Jun 2018 04:32

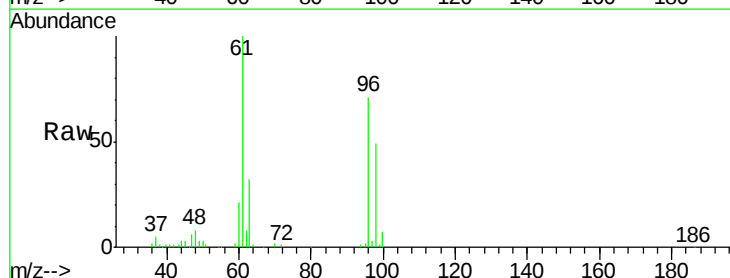
Tgt Ion: 96 Resp: 35087

Ion Ratio Lower Upper

96 100

61 144.4 0.0 330.2

98 65.8 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

25000

20000

15000

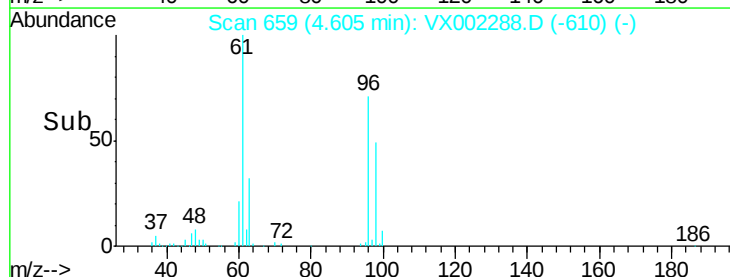
10000

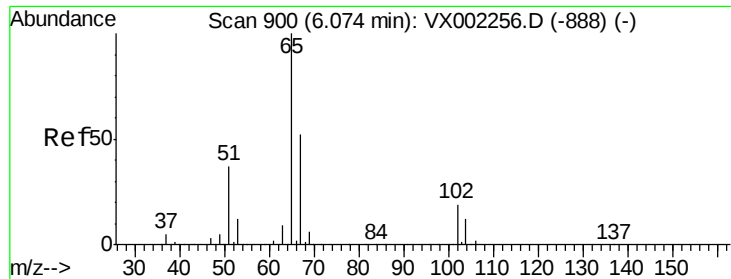
5000

0

Time-->

4.50 4.60 4.70

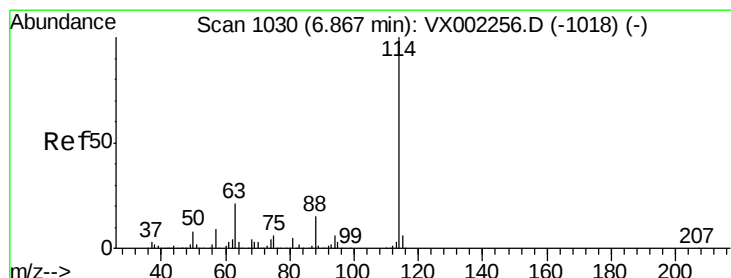
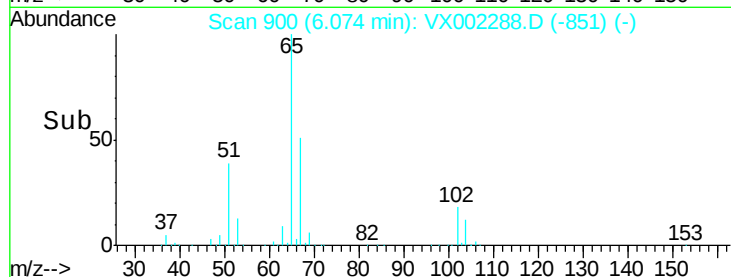
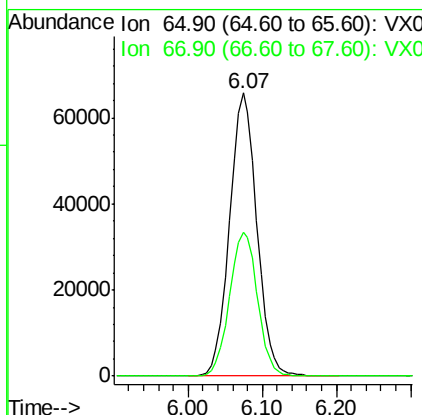
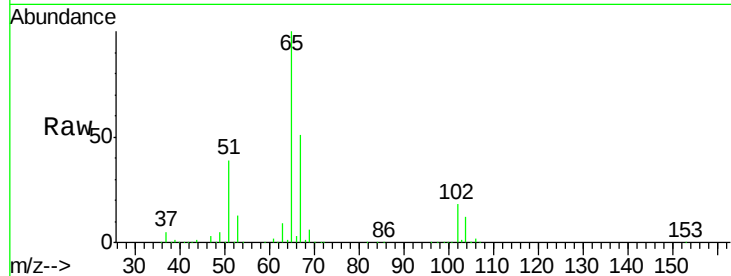




#33
 1,2-Dichloroethane-d4
 Concen: 48.911 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002288.D
 Acq: 05 Jun 2018 04:32

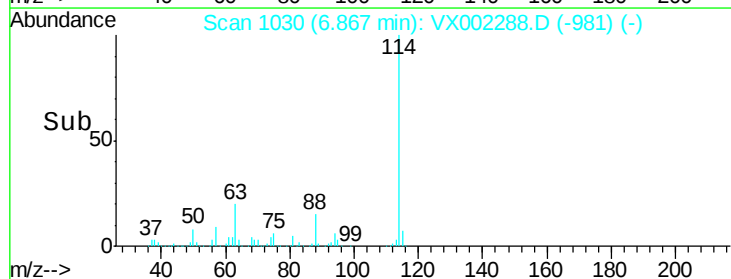
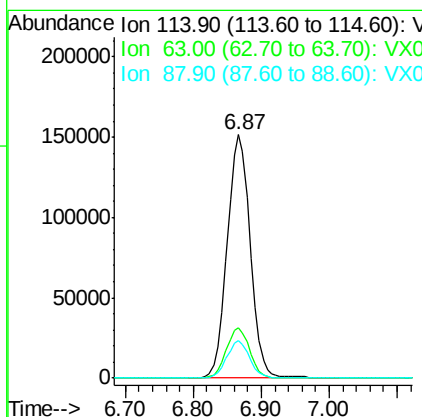
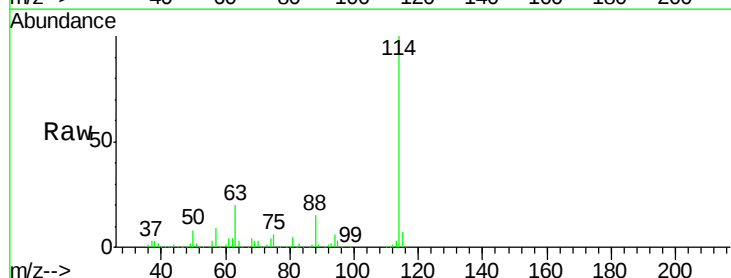
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

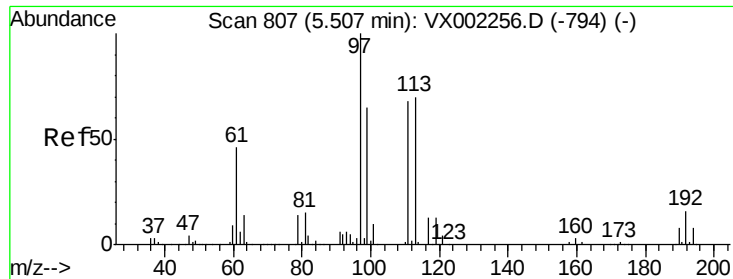
Tot Ion: 65 Resp: 168787
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002288.D
 Acq: 05 Jun 2018 04:32

Tgt Ion: 114 Resp: 356374
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.2 0.0 30.0

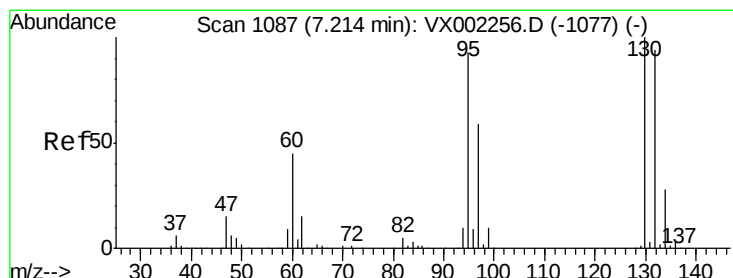
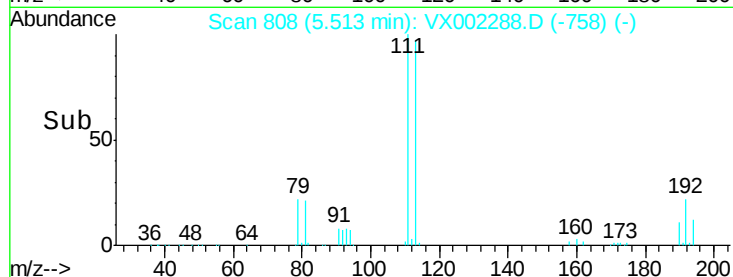
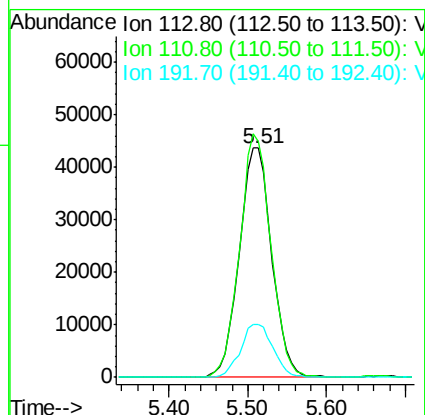
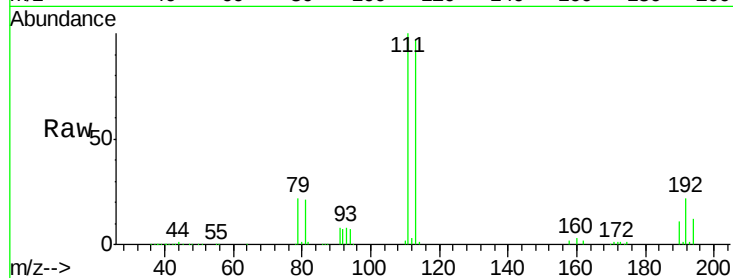




#35
 Dibromofluoromethane
 Concen: 44.621 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002288.D
 Acq: 05 Jun 2018 04:32

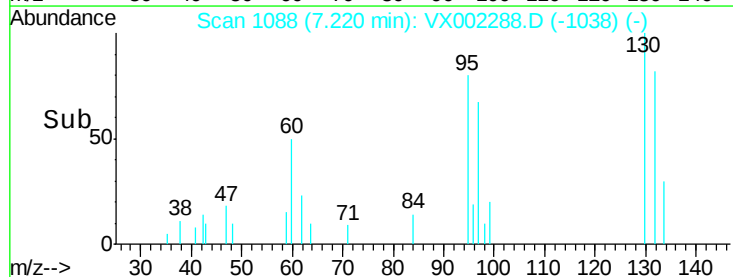
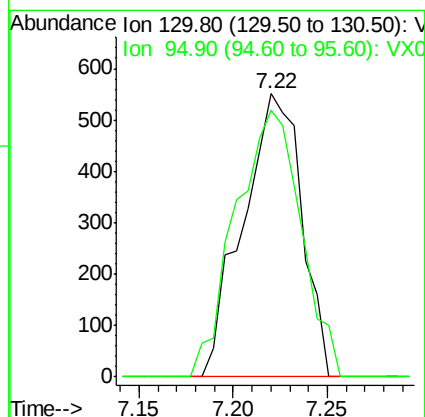
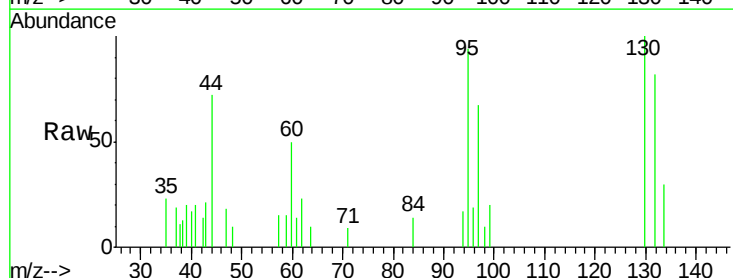
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

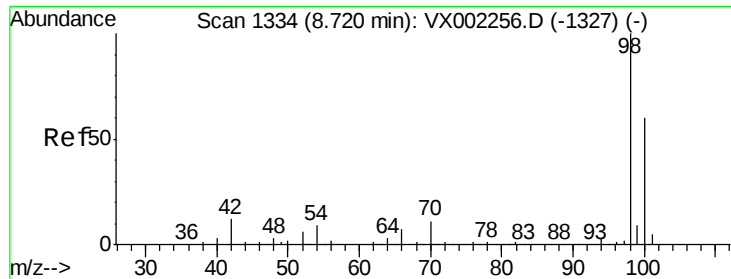
Tot Ion:113 Resp: 125052
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.1 19.1 28.7



#44
 Trichloroethene
 Concen: 0.373 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002288.D
 Acq: 05 Jun 2018 04:32

Tgt Ion:130 Resp: 1188
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.4





#50

Toluene-d8

Concen: 46.850 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002288.D

Acq: 05 Jun 2018 04:32

Instrument :

MSVOA_X

ClientSampleId :

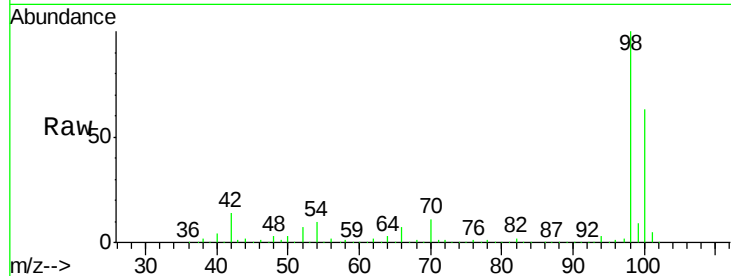
SS052MW603-180531

Tot Ion: 98 Resp: 503261

Ion Ratio Lower Upper

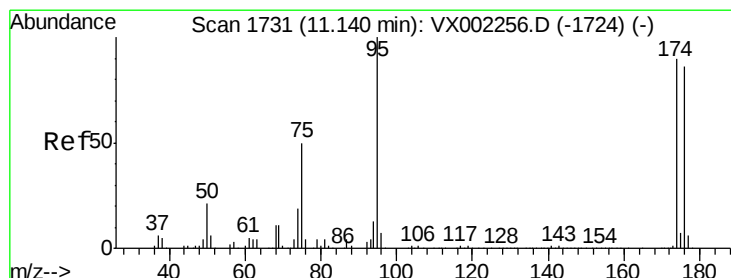
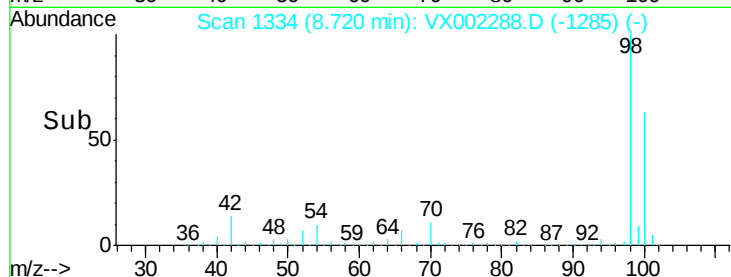
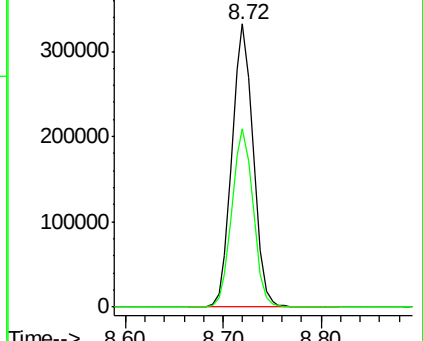
98 100

100 63.3 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: 40.389 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002288.D

Acq: 05 Jun 2018 04:32

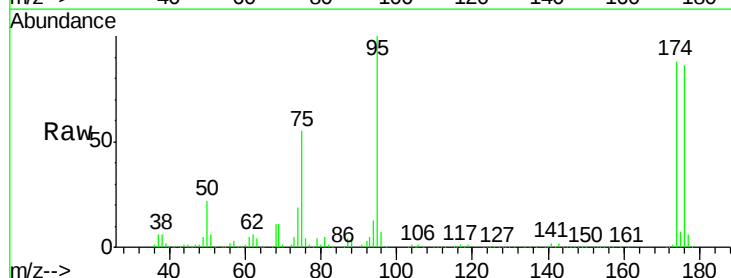
Tgt Ion: 95 Resp: 167303

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.4

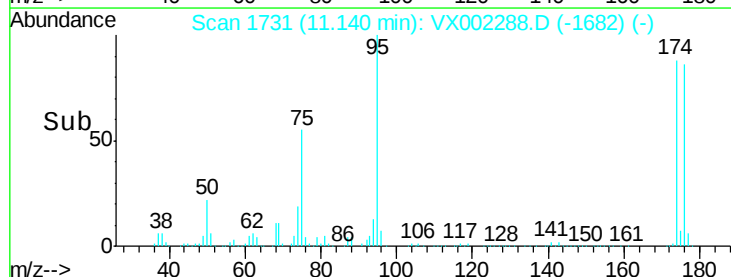
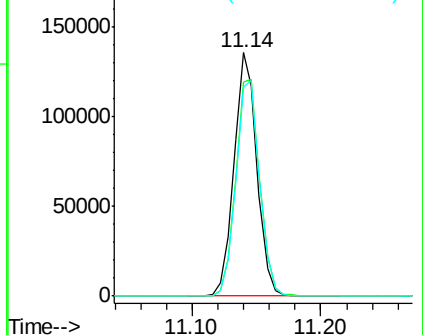
176 91.7 0.0 181.0

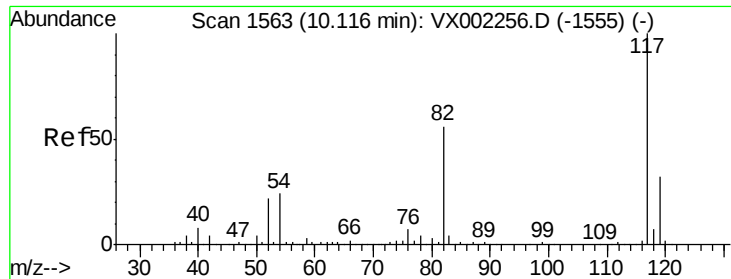


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

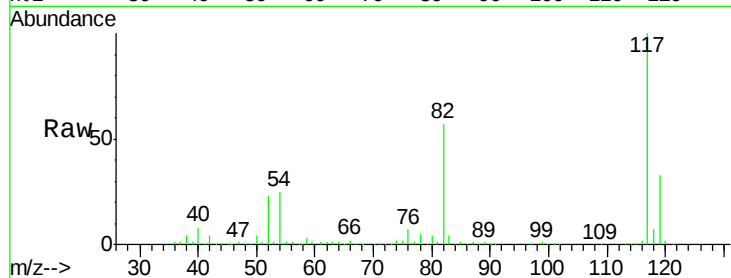




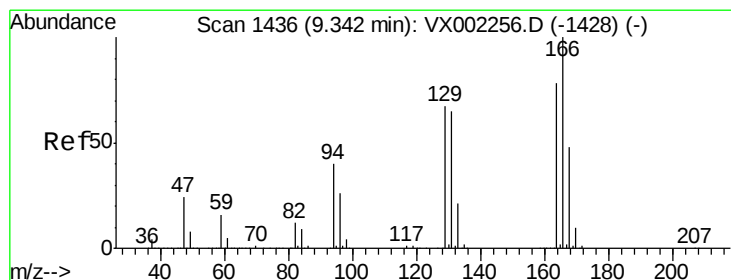
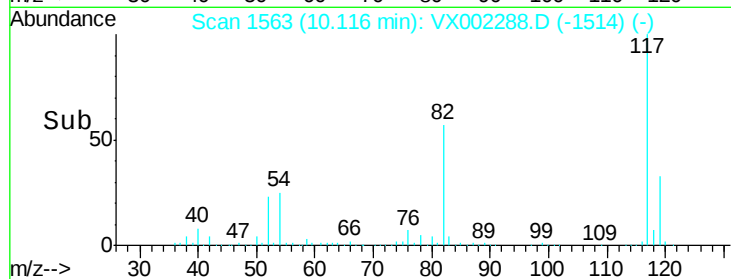
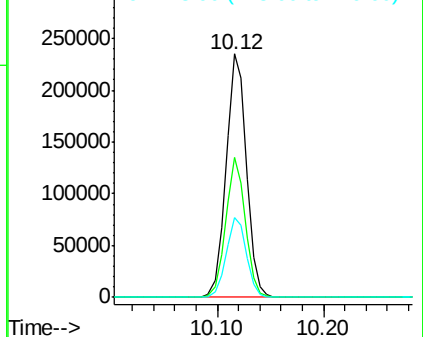
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002288.D
Acq: 05 Jun 2018 04:32

Instrument :
MSVOA_X
ClientSampleId :
SS052MW603-180531

Tot Ion:117 Resp: 314325
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.8 25.8 38.6



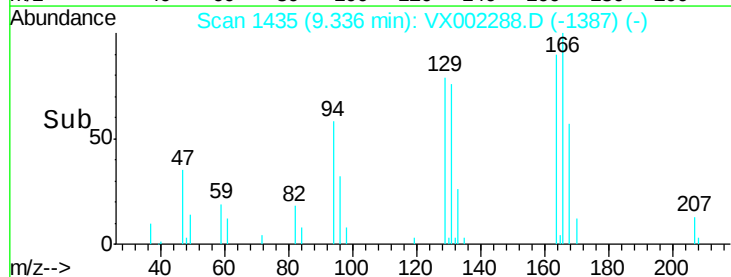
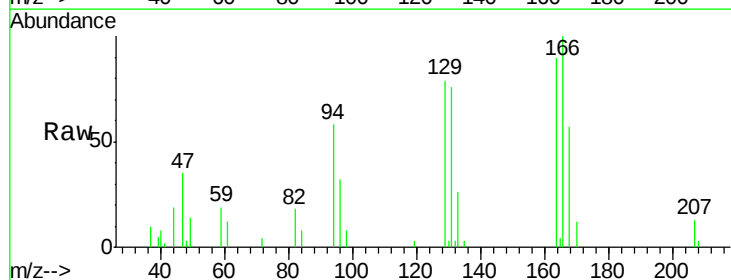
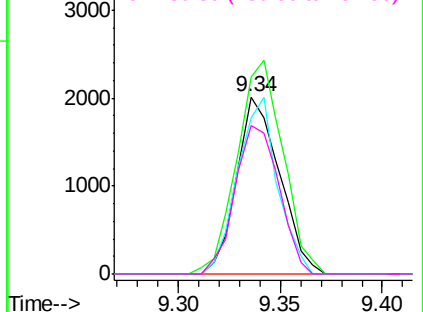
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

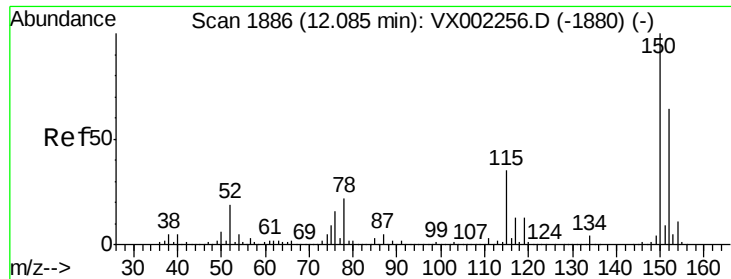


#64
Tetrachloroethene
Concen: 0.908 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002288.D
Acq: 05 Jun 2018 04:32

Tgt Ion:164 Resp: 2944
Ion Ratio Lower Upper
164 100
166 111.4 102.9 154.3
129 88.1 68.6 102.8
131 84.1 66.8 100.2

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





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002288.D
 Acq: 05 Jun 2018 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW603-180531

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	154.8	0.0	347.2

