

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002707.D
 Acq On : 19 Jun 2018 04:33
 Operator : JC/MD
 Sample : J3537-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW208-180613

Quant Time: Jun 19 07:11:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

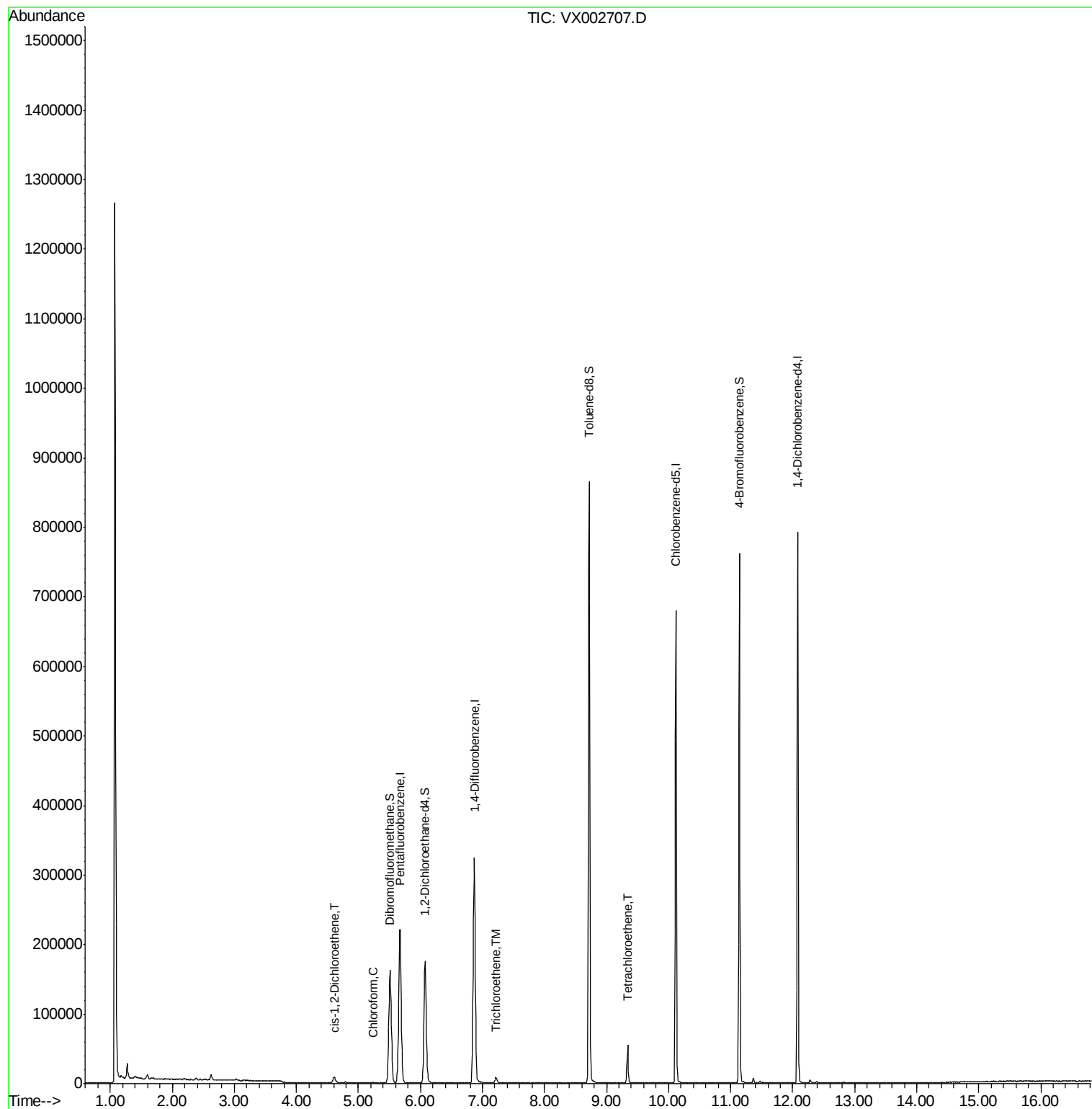
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165807	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.51	113	130426	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	8.72	98	491953	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	171778	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	4160	1.521	ug/l	56
30) Chloroform	5.23	83	1066	0.229	ug/l #	82
44) Trichloroethene	7.21	130	3067	1.058	ug/l	90
64) Tetrachloroethene	9.34	164	10328	3.178	ug/l	97

(#) = 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: VX002707.D

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ClientSampleId :

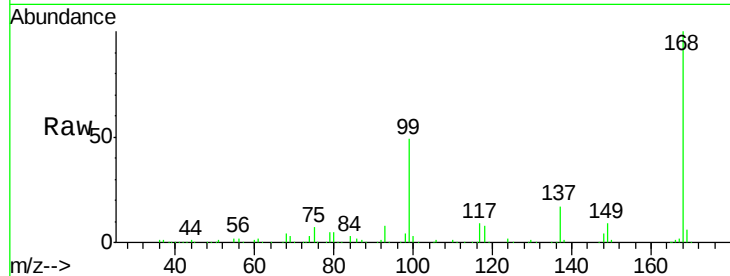
SS037MW208-180613

Tot Ion:168 Resp: 221791

Ion Ratio Lower Upper

168 100

99 48.9 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

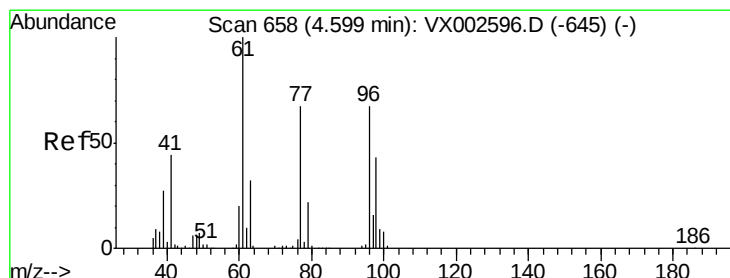
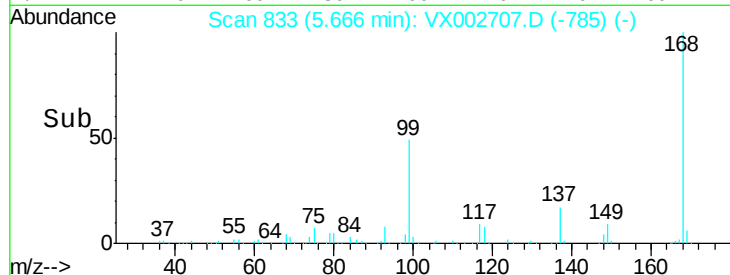
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 1.521 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002707.D

Acq: 19 Jun 2018 04:33

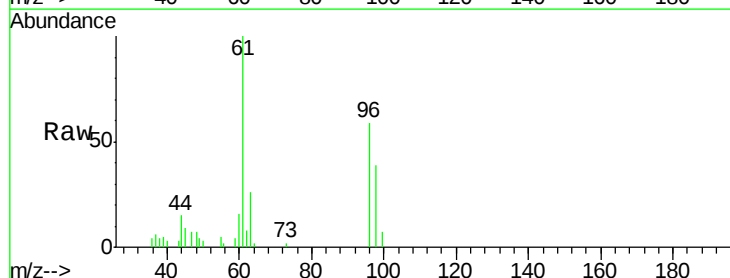
Tgt Ion: 96 Resp: 4160

Ion Ratio Lower Upper

96 100

61 248.1 0.0 330.2

98 65.2 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

4000

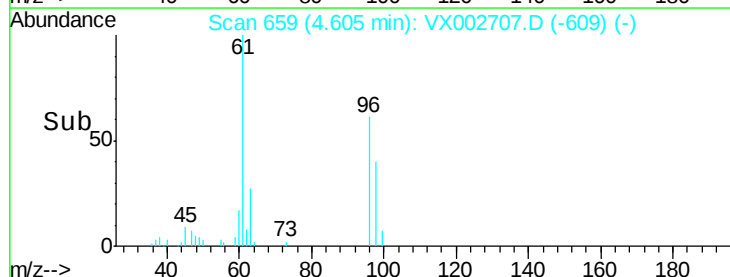
3000

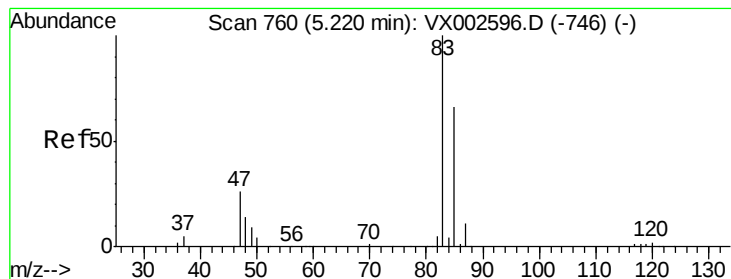
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#30

Chloroform

Concen: 0.229 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002707.D

Acq: 19 Jun 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

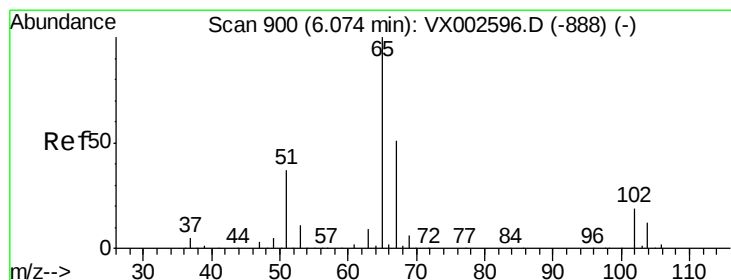
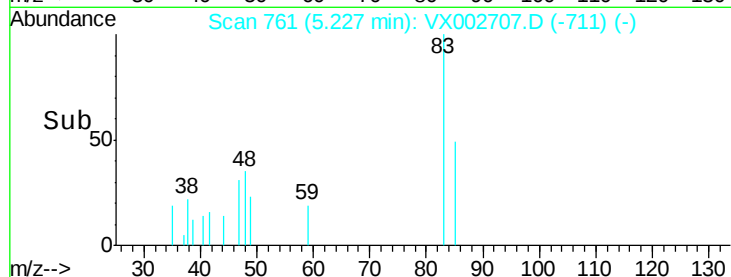
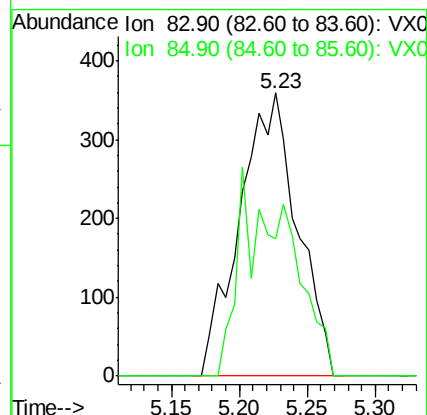
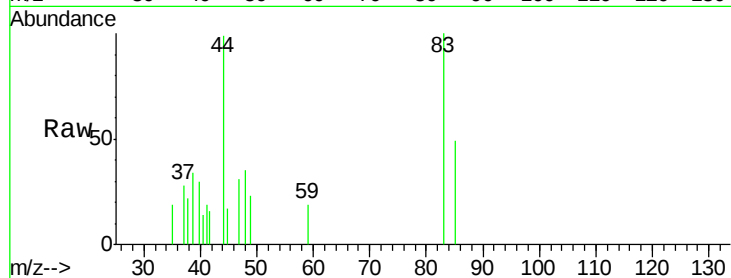
SS037MW208-180613

Tot Ion: 83 Resp: 1066

Ion Ratio Lower Upper

83 100

85 48.7 50.4 75.6#



#33

1,2-Dichloroethane-d4

Concen: 49.195 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002707.D

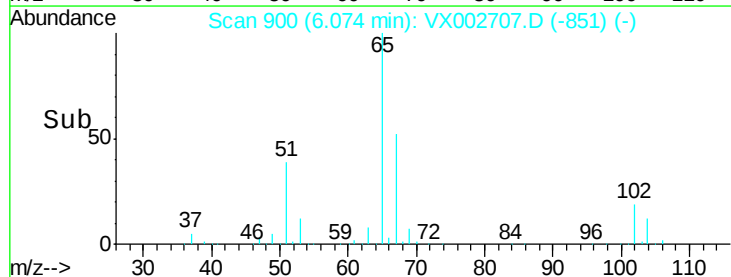
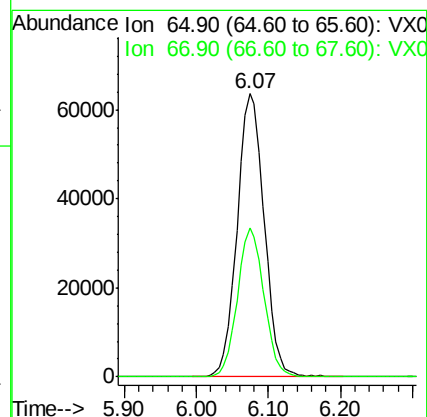
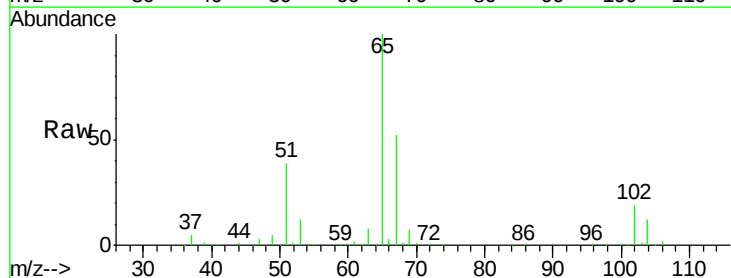
Acq: 19 Jun 2018 04:33

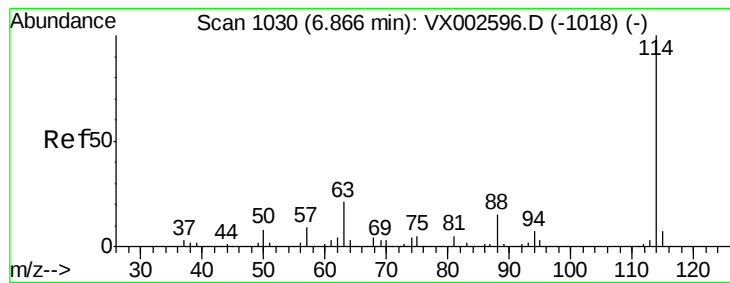
Tgt Ion: 65 Resp: 165807

Ion Ratio Lower Upper

65 100

67 51.6 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: VX002707.D

Acq: 19 Jun 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

SS037MW208-180613

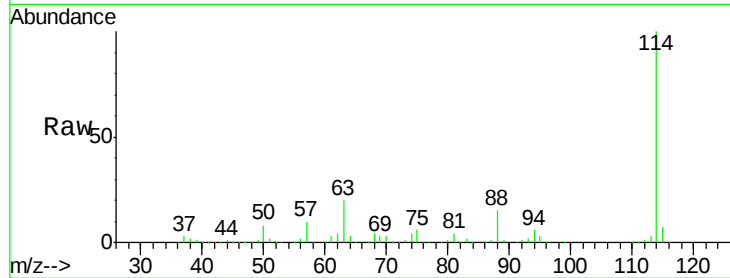
Tot Ion:114 Resp: 315455

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

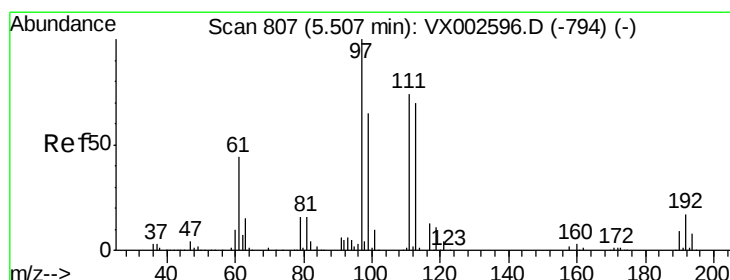
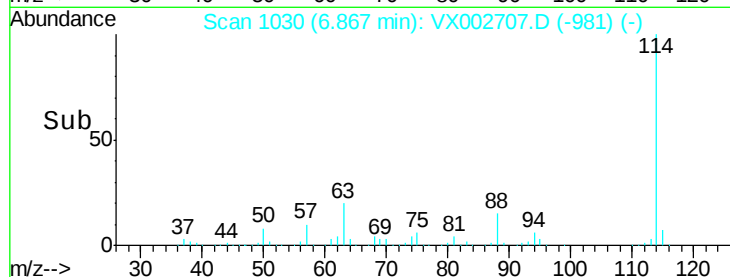
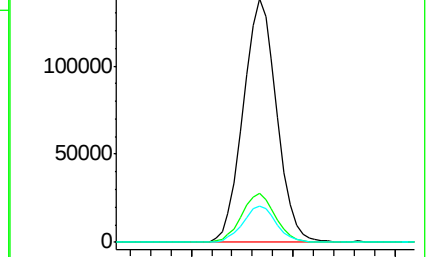
88 14.9 0.0 30.0



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: 51.805 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002707.D

Acq: 19 Jun 2018 04:33

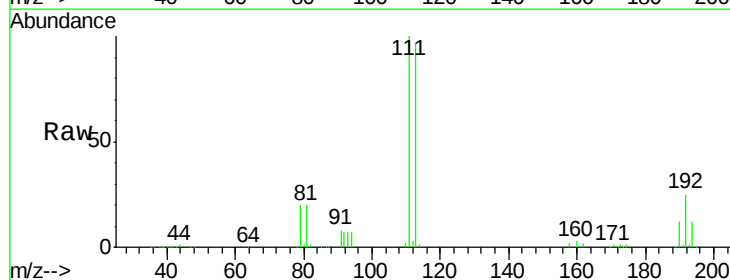
Tgt Ion:113 Resp: 130426

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

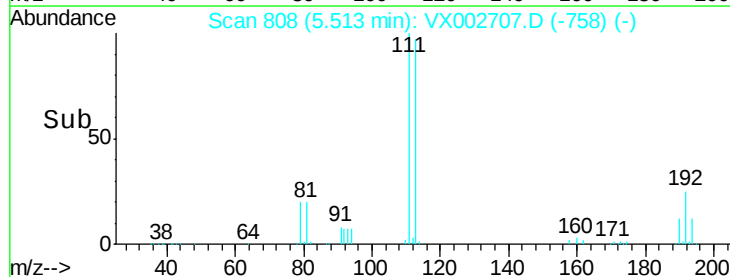
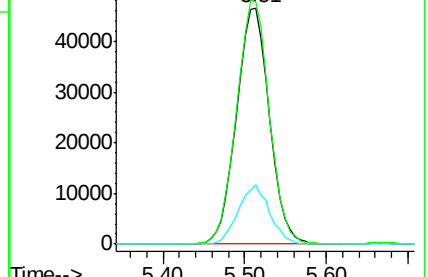
192 24.0 19.1 28.7

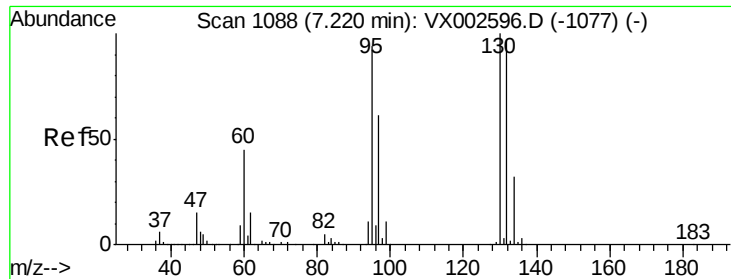


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

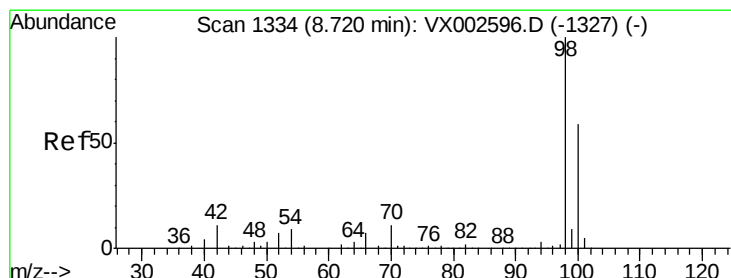
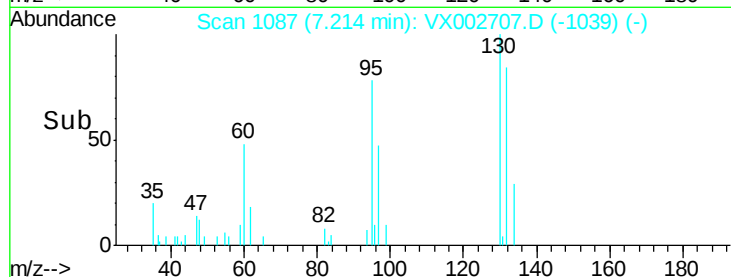
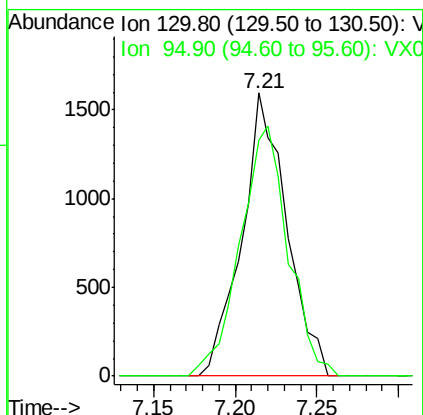
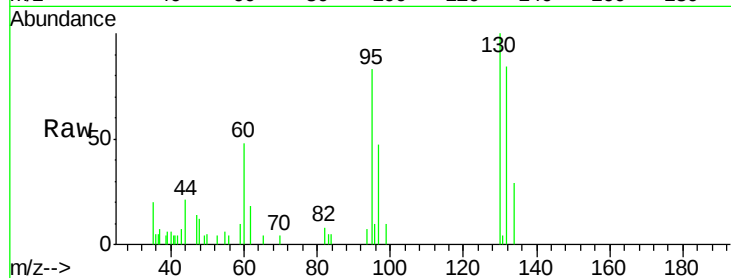




#44
 Trichloroethene
 Concen: 1.058 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002707.D
 Acq: 19 Jun 2018 04:33

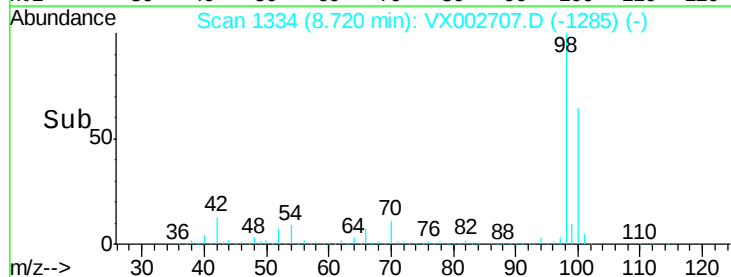
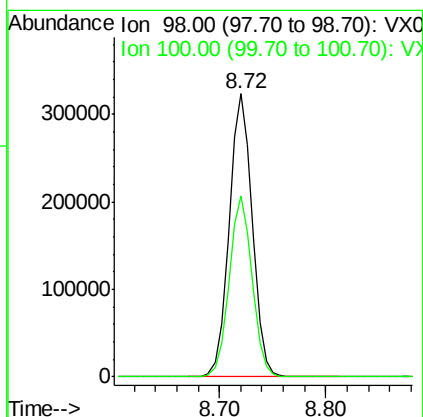
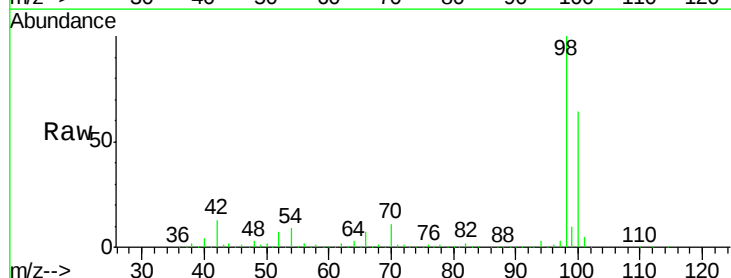
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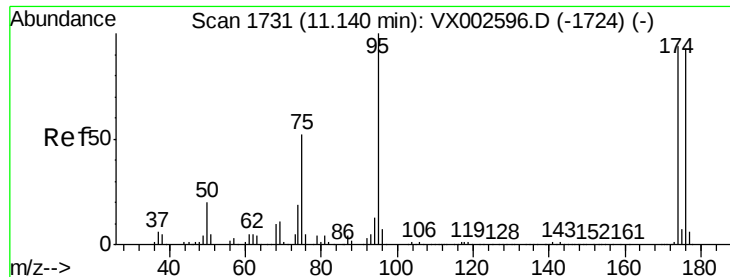
Tot Ion:130 Resp: 3067
 Ion Ratio Lower Upper
 130 100
 95 83.3 0.0 185.4



#50
 Toluene-d8
 Concen: 51.463 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002707.D
 Acq: 19 Jun 2018 04:33

Tgt Ion: 98 Resp: 491953
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3

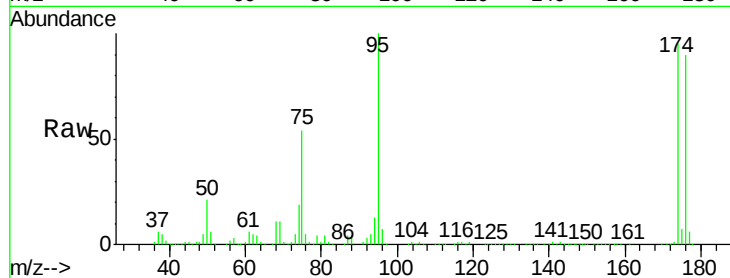




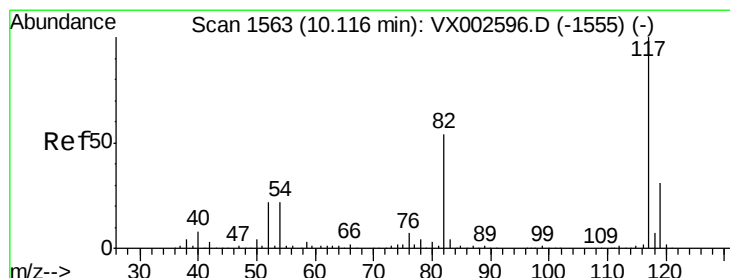
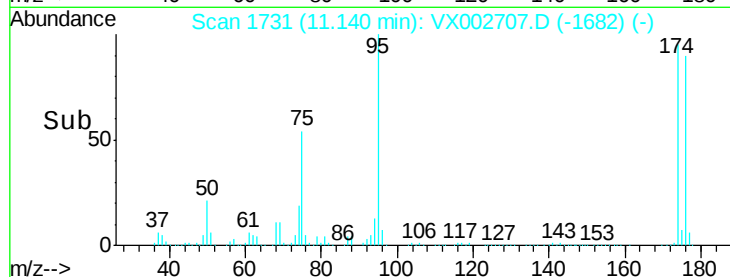
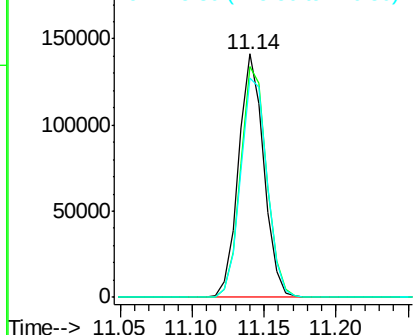
#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002707.D
Acq: 19 Jun 2018 04:33

Instrument :
MSVOA_X
ClientSampleId :
SS037MW208-180613

Tot Ion: 95 Resp: 171778
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 94.8 0.0 181.0

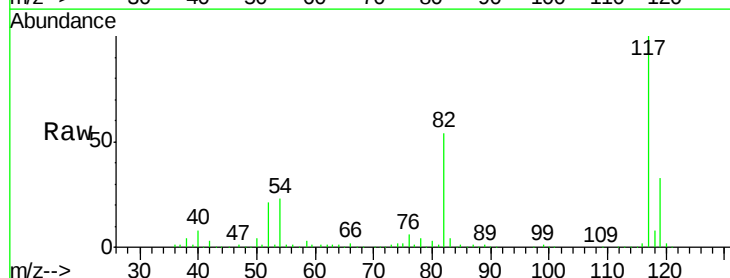


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

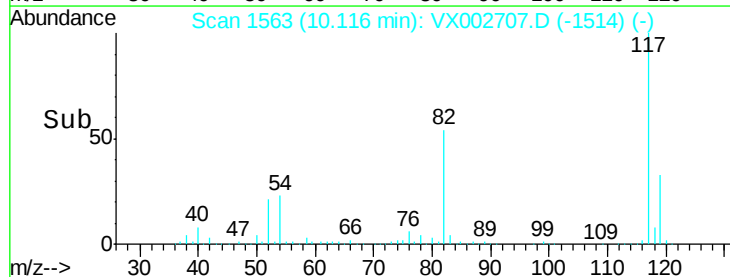
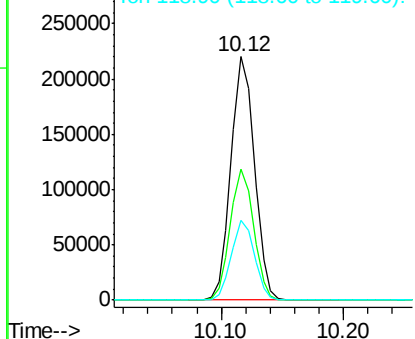


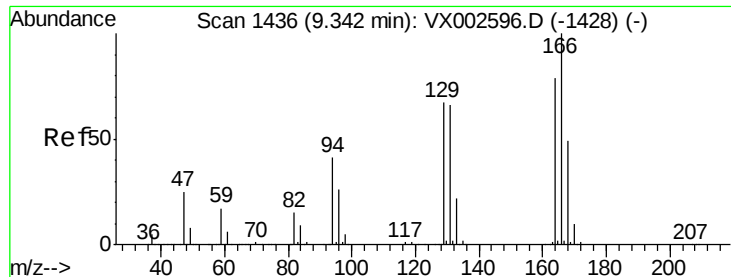
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002707.D
Acq: 19 Jun 2018 04:33

Tgt Ion: 117 Resp: 292731
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.7 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

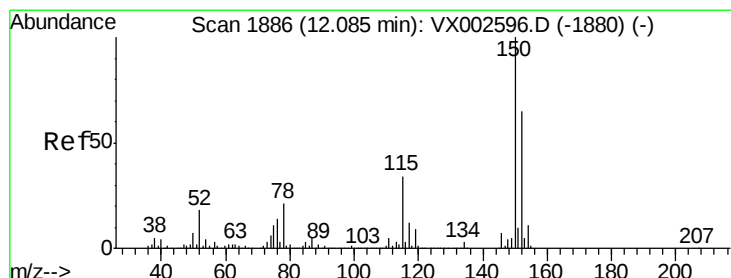
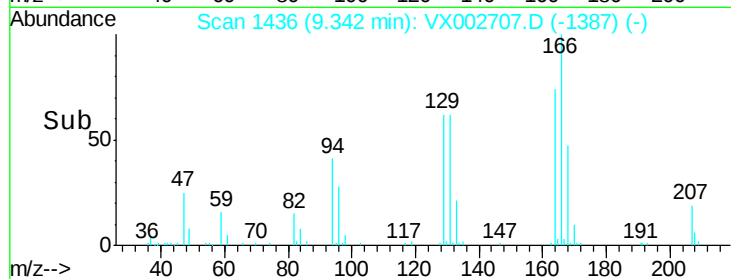
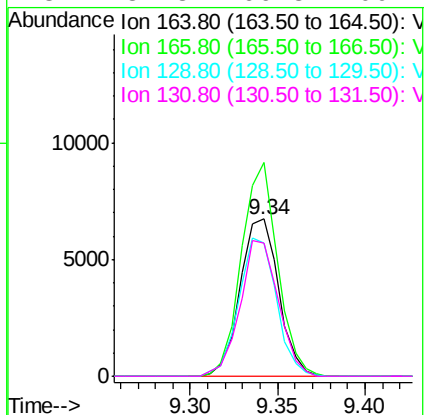
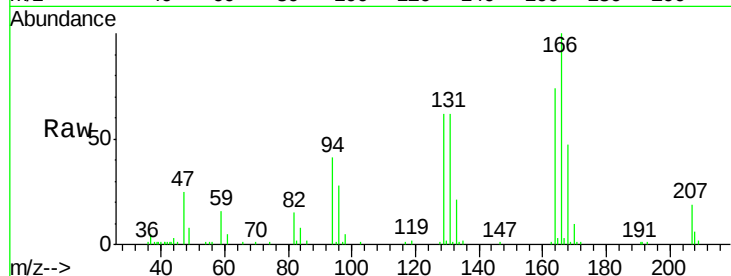




#64
Tetrachloroethene
Concen: 3.178 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002707.D
Acq: 19 Jun 2018 04:33

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Tot Ion	Ratio	Lower	Upper
164	100		
166	135.8	102.9	154.3
129	84.6	68.6	102.8
131	84.3	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: VX002707.D
Acq: 19 Jun 2018 04:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.1	120.2
150	154.5	0.0	347.2

