

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004594.D
 Acq On : 15 Sep 2018 19:33
 Operator : JC/MD
 Sample : J4929-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-11-BASELINE-WATER

Quant Time: Sep 17 09:02:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

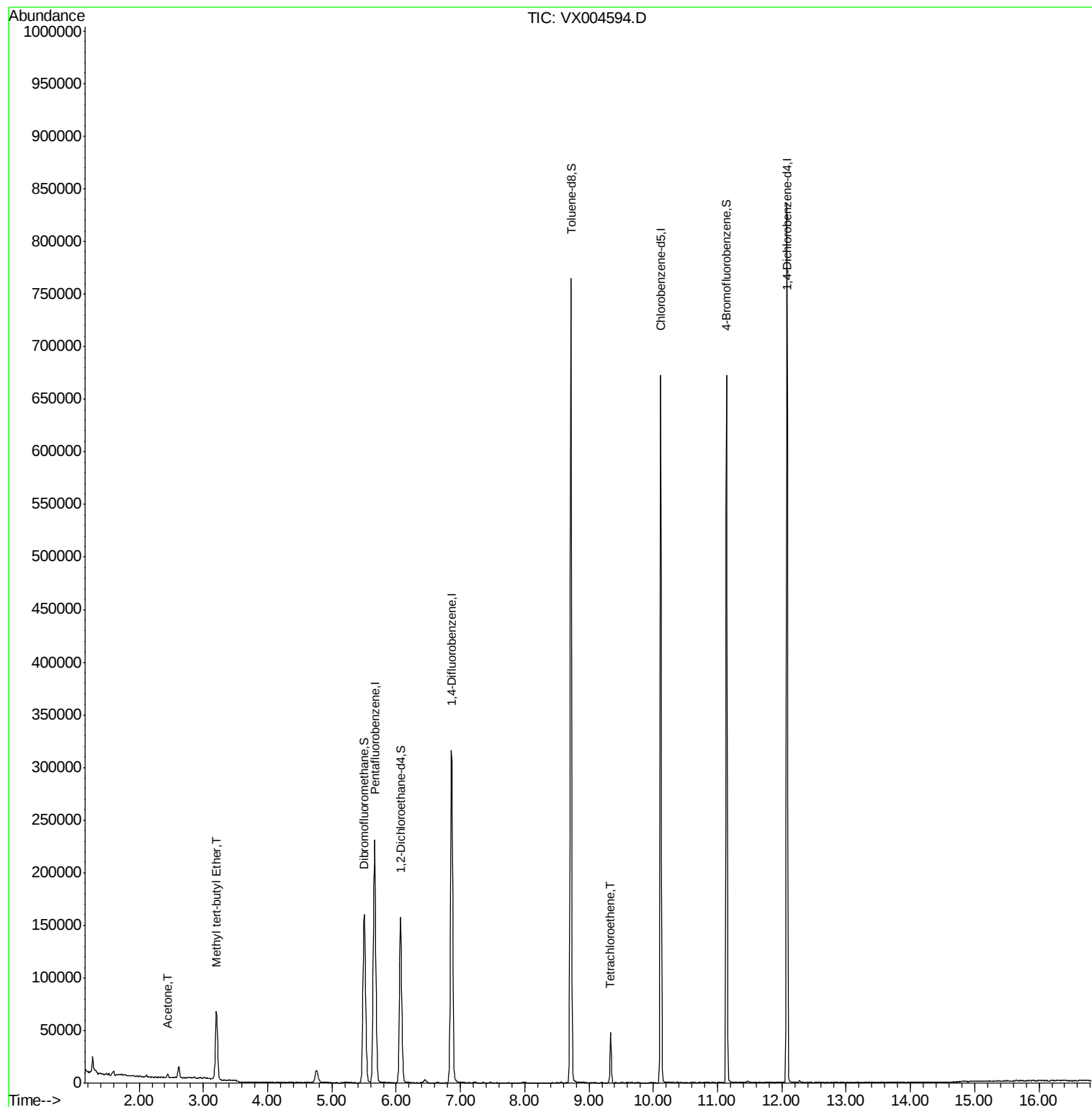
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144980	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	142381	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.72	98	469531	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.14	95	166376	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
16) Acetone	2.45	43	3637	2.50	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	74515	8.80	ug/l	98
64) Tetrachloroethene	9.34	164	9769	2.47	ug/l	88

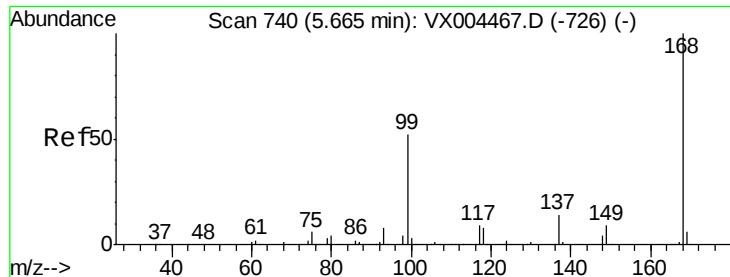
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004594.D

Acq: 15 Sep 2018 19:33

Instrument :

MSVOA_X

ClientSampleId :

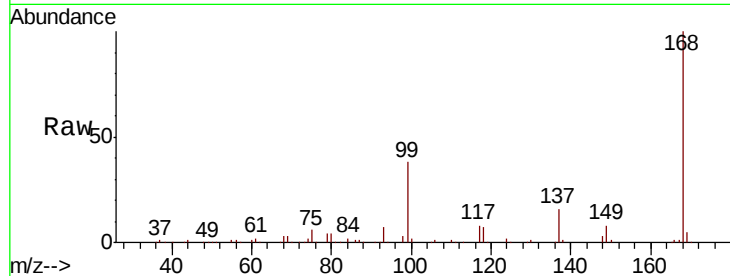
SP-PIT-11-BASELINE-WATER

Tot Ion:168 Resp: 231054

Ion Ratio Lower Upper

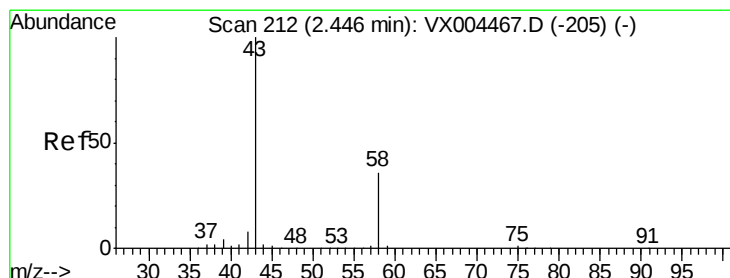
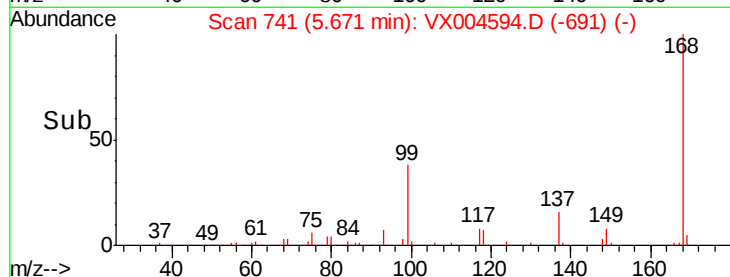
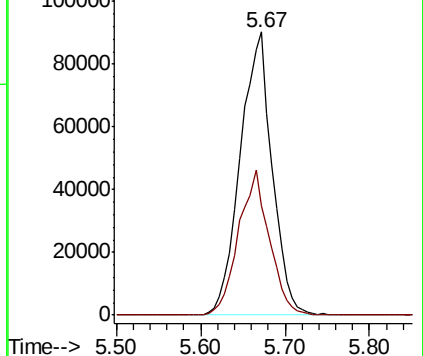
168 100

99 38.5 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.50 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004594.D

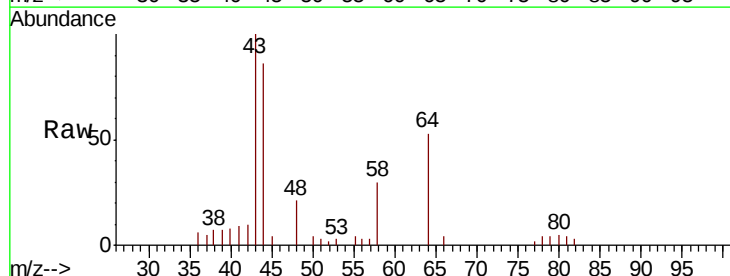
Acq: 15 Sep 2018 19:33

Tgt Ion: 43 Resp: 3637

Ion Ratio Lower Upper

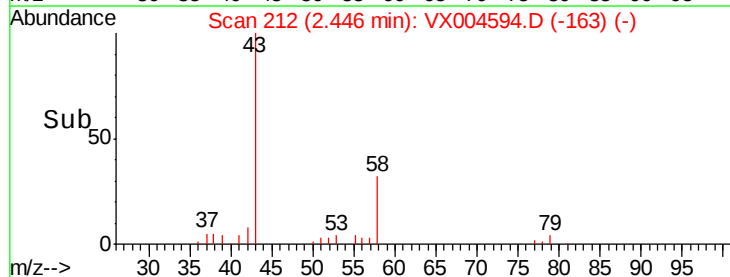
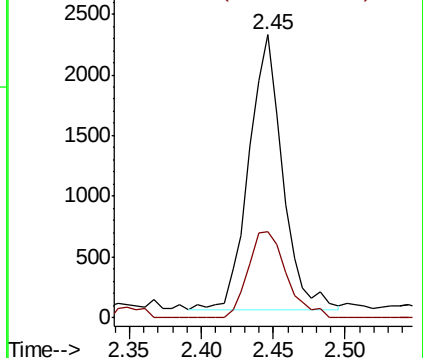
43 100

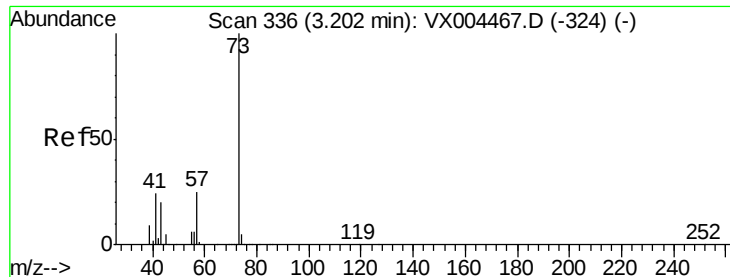
58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#19

Methyl tert-butyl Ether

Concen: 8.80 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004594.D

Acq: 15 Sep 2018 19:33

Instrument :

MSVOA_X

ClientSampleId :

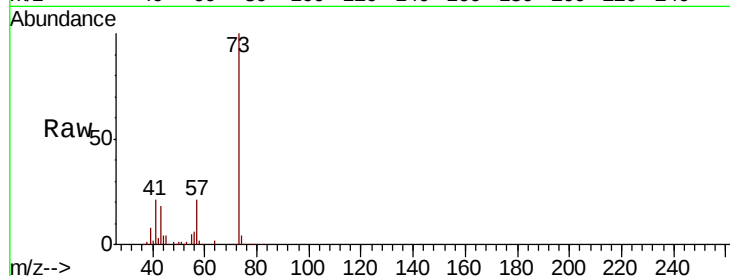
SP-PIT-11-BASELINE-WATER

Tot Ion: 73 Resp: 74515

Ion Ratio Lower Upper

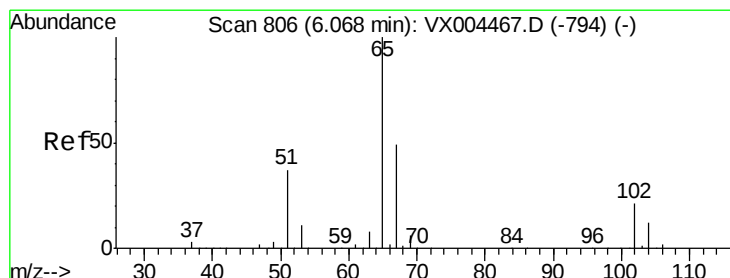
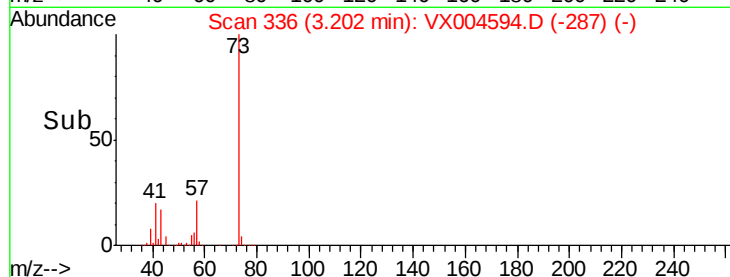
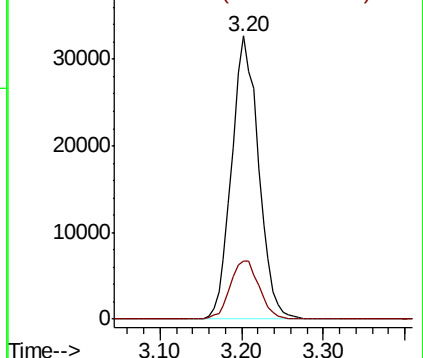
73 100

57 20.7 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.66 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004594.D

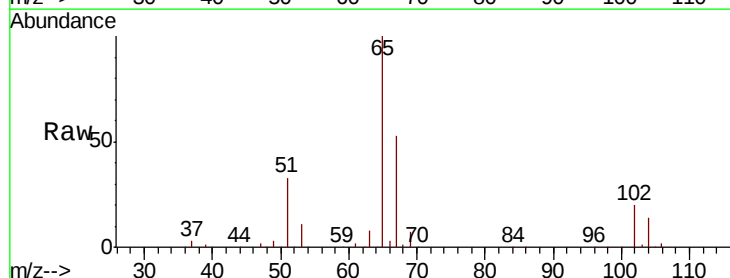
Acq: 15 Sep 2018 19:33

Tgt Ion: 65 Resp: 144980

Ion Ratio Lower Upper

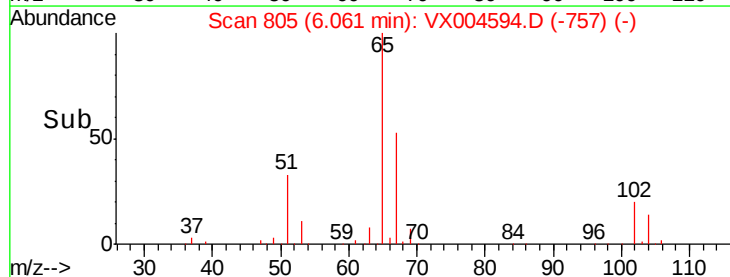
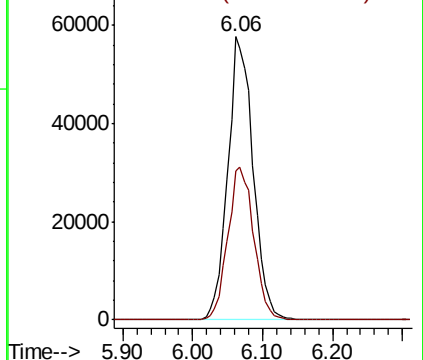
65 100

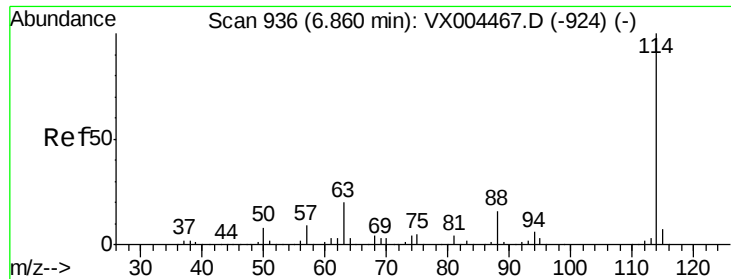
67 55.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

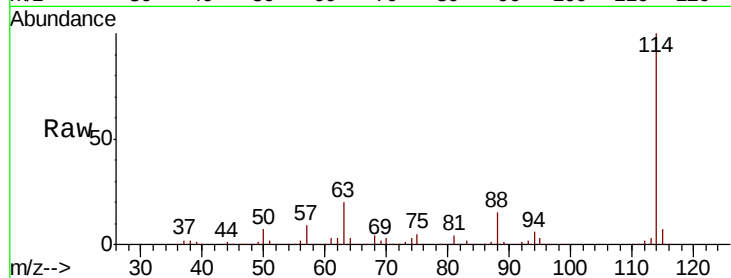




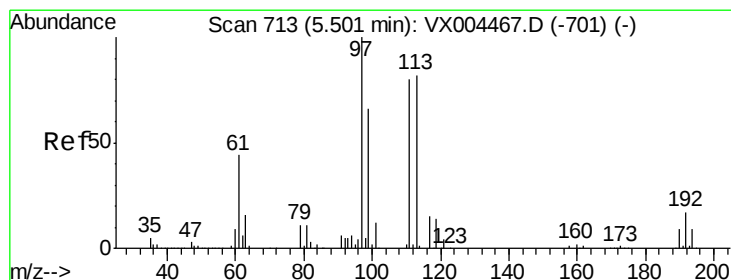
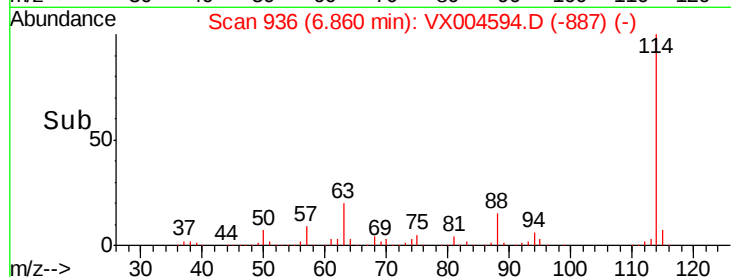
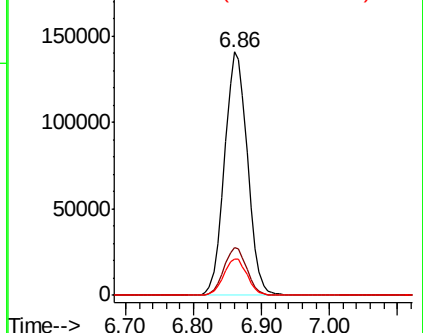
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004594.D
 Acq: 15 Sep 2018 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-11-BASELINE-WATER

Tot Ion:114 Resp: 329249
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 14.7 0.0 30.4

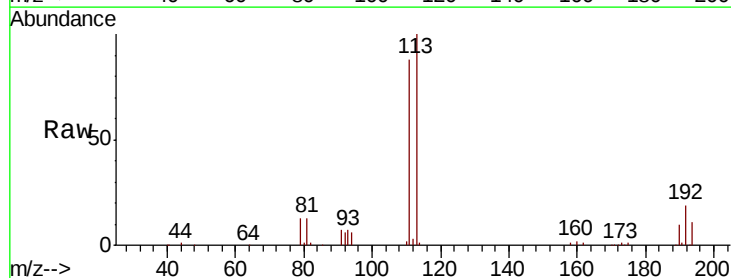


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

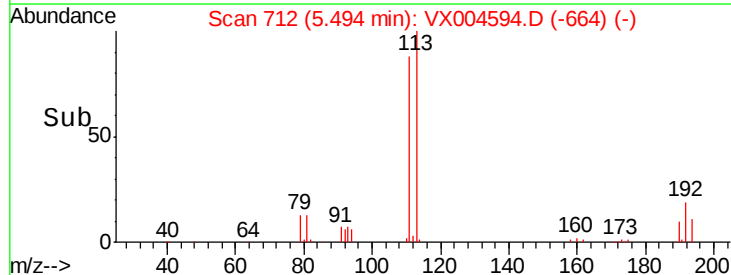
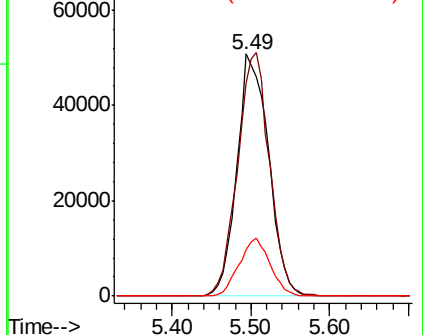


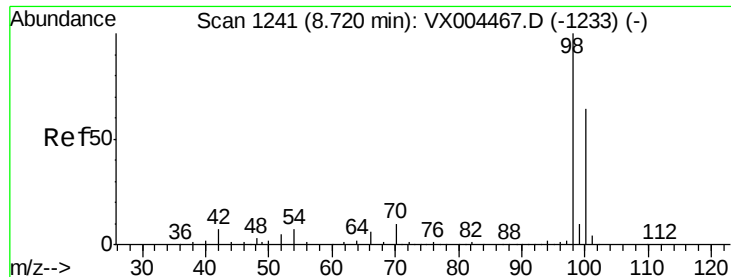
#35
 Dibromofluoromethane
 Concen: 47.26 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004594.D
 Acq: 15 Sep 2018 19:33

Tgt Ion:113 Resp: 142381
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 23.3 19.4 29.2



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





#50

Toluene-d8

Concen: 46.47 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004594.D

Acq: 15 Sep 2018 19:33

Instrument :

MSVOA_X

ClientSampleId :

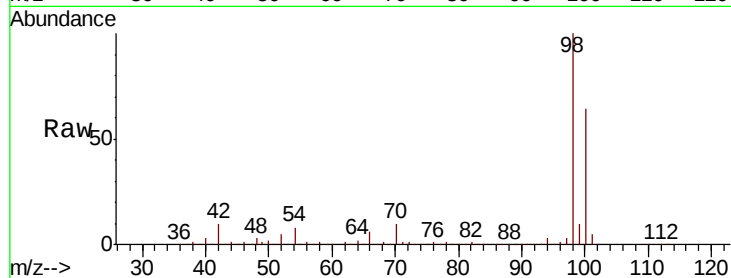
SP-PIT-11-BASELINE-WATER

Tot Ion: 98 Resp: 469531

Ion Ratio Lower Upper

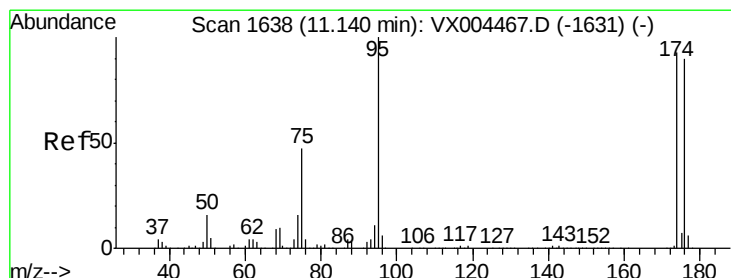
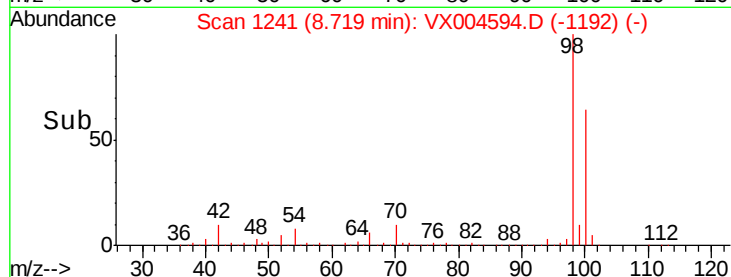
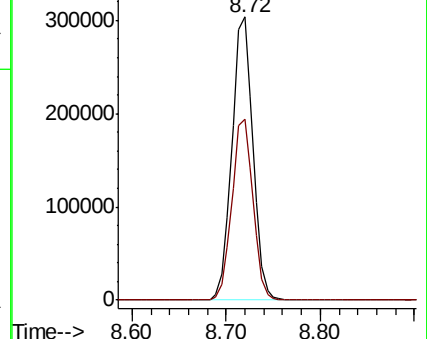
98 100

100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.13 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004594.D

Acq: 15 Sep 2018 19:33

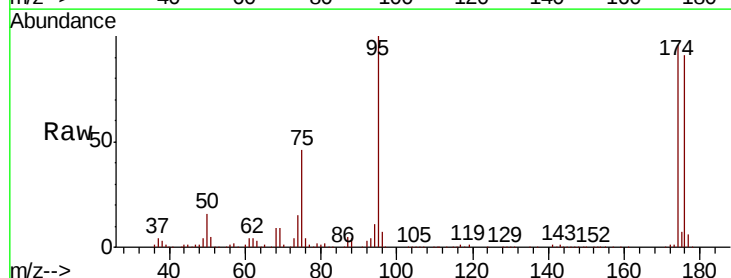
Tgt Ion: 95 Resp: 166376

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.2

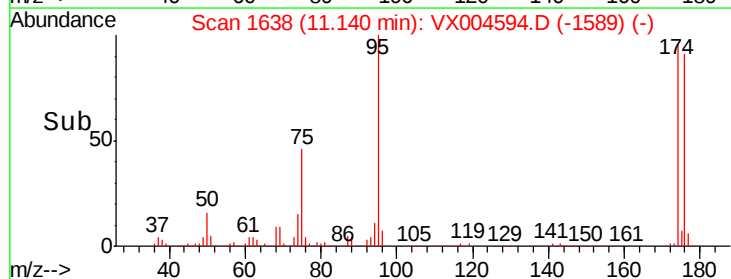
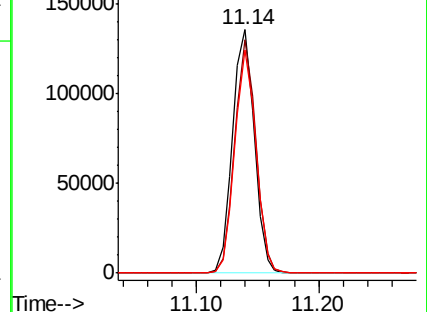
176 89.4 0.0 178.6

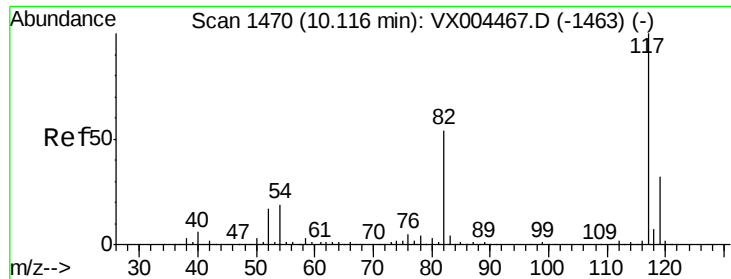


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

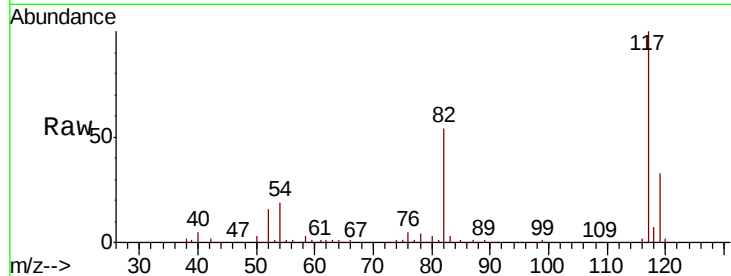




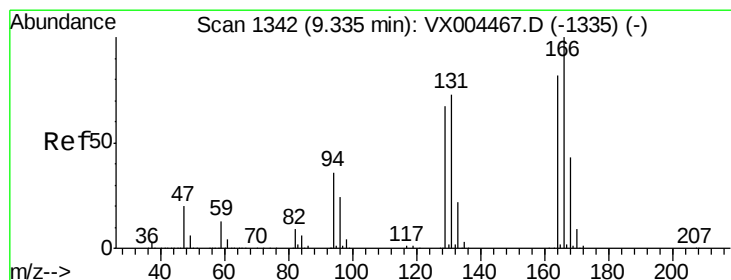
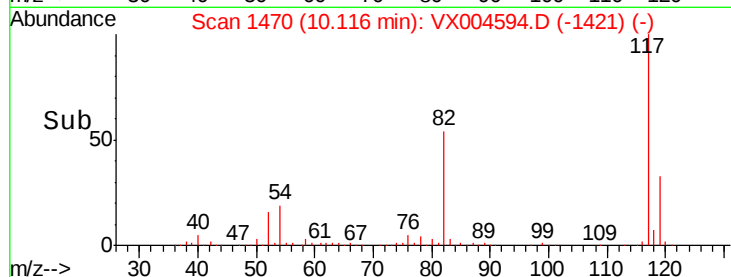
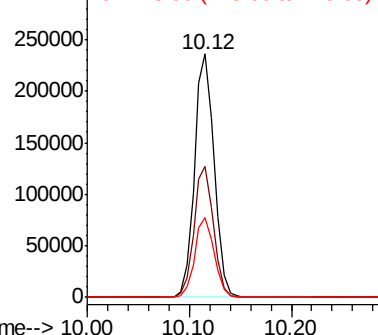
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004594.D
Acq: 15 Sep 2018 19:33

Instrument :
MSVOA_X
ClientSampleId :
SP-PIT-11-BASELINE-WATER

Tot Ion:117 Resp: 316779
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.7 29.3 43.9



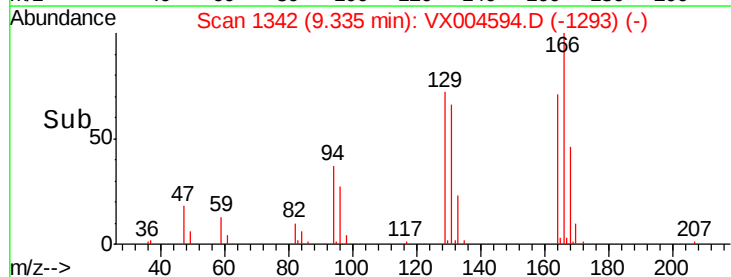
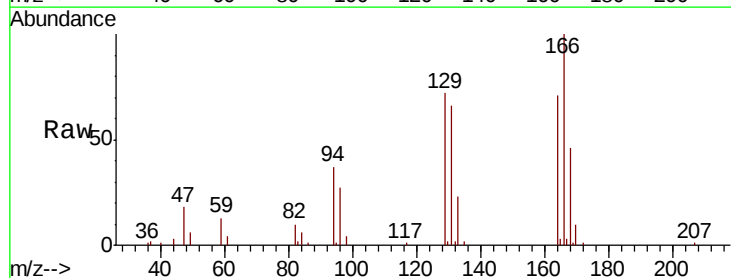
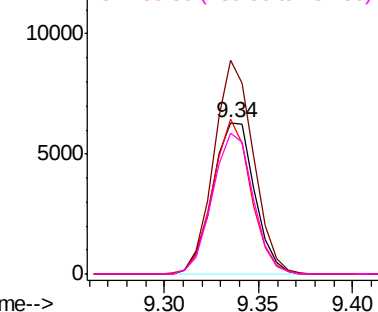
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

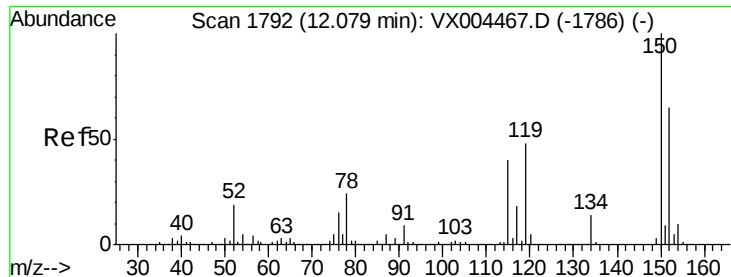


#64
Tetrachloroethene
Concen: 2.47 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004594.D
Acq: 15 Sep 2018 19:33

Tgt Ion:164 Resp: 9769
Ion Ratio Lower Upper
164 100
166 140.8 102.8 154.2
129 102.0 69.4 104.0
131 92.8 67.9 101.9

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

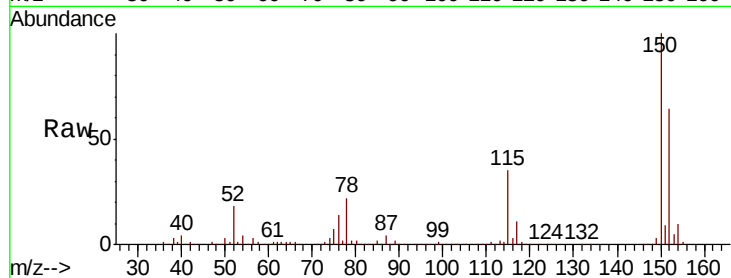




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004594.D
 Acq: 15 Sep 2018 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-PIT-11-BASELINE-WATER

Tot Ion:152 Resp: 176473
 Ion Ratio Lower Upper
 152 100
 115 54.7 39.0 117.0
 150 155.0 0.0 351.0



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

