

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006455.D
 Acq On : 12 Dec 2018 19:46
 Operator : JC/MD
 Sample : J6376-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-1-WATER

Quant Time: Dec 13 10:01:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

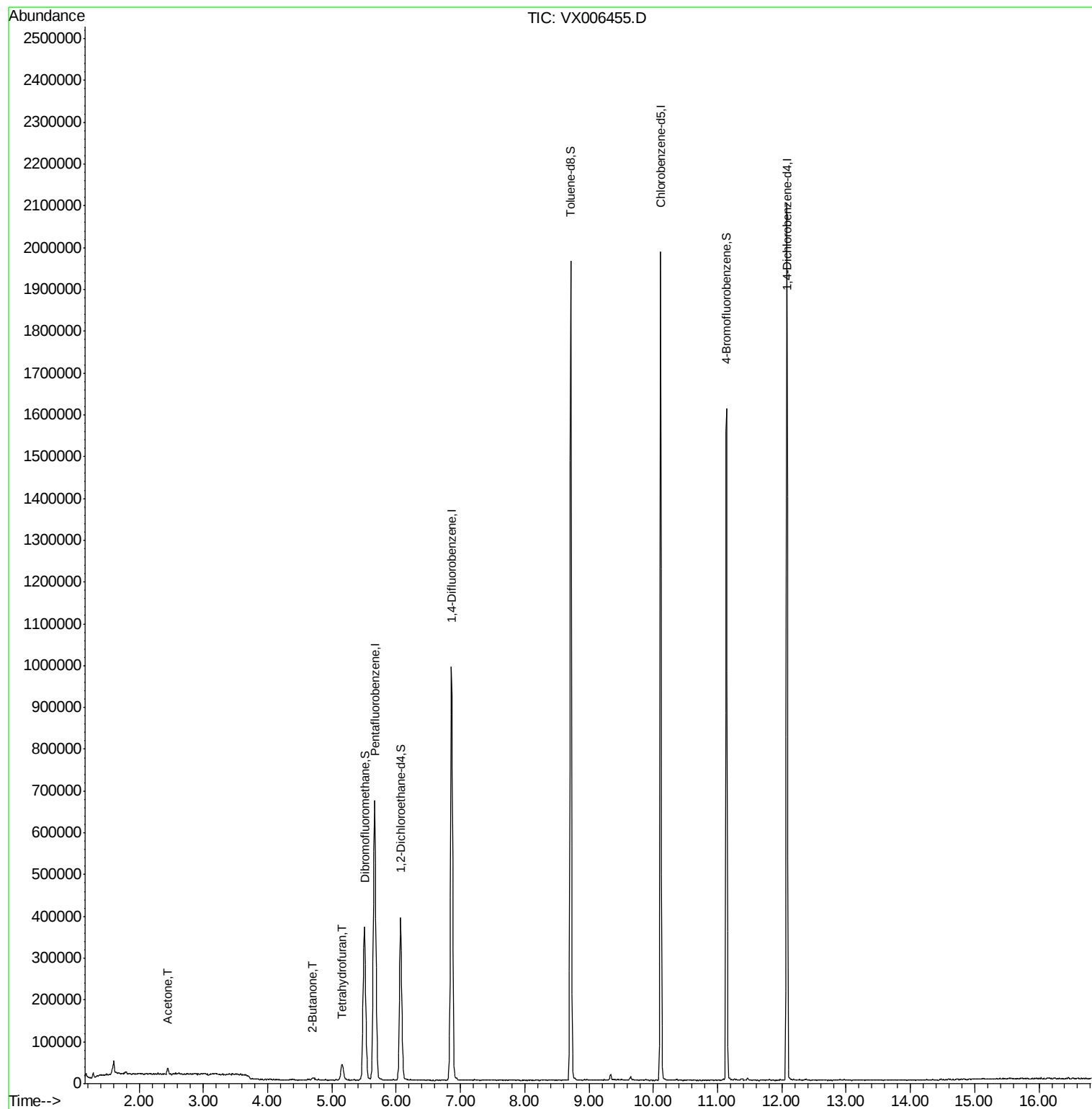
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	671640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1062964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	953277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	358265	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	316811	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	8.71	98	1228408	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	454621	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
16) Acetone	2.45	43	16590	5.156	ug/l	95
25) 2-Butanone	4.70	43	10435	2.273	ug/l #	77
29) Tetrahydrofuran	5.16	42	35206	11.034	ug/l	94

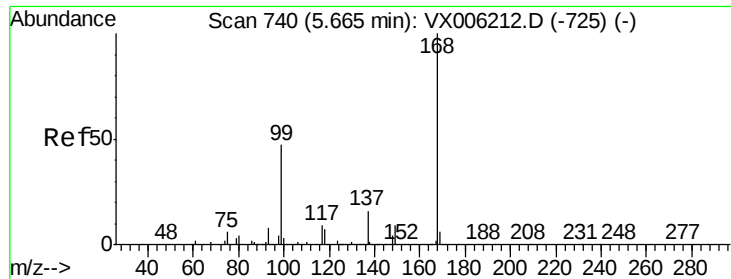
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

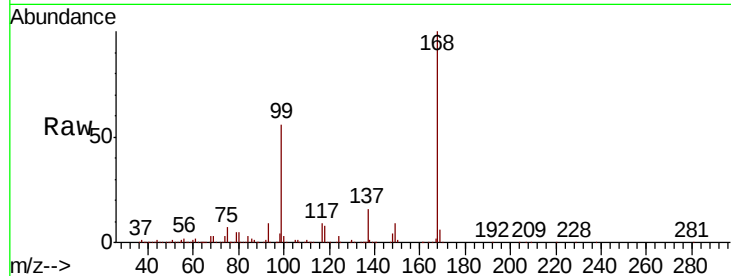
TEST-PIT-1-WATER

Tot Ion:168 Resp: 671640

Ion Ratio Lower Upper

168 100

99 55.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

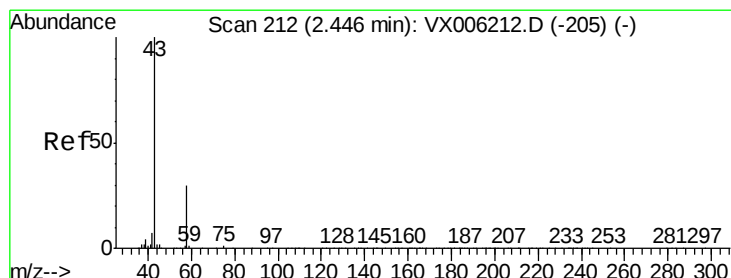
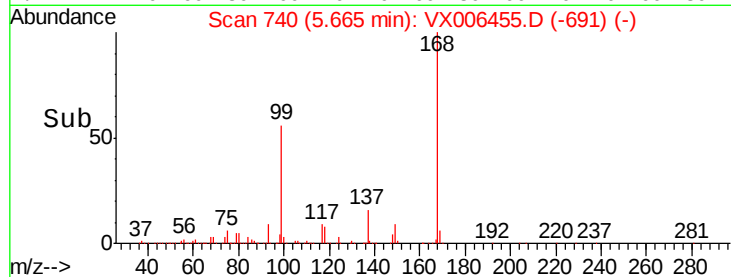
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.156 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006455.D

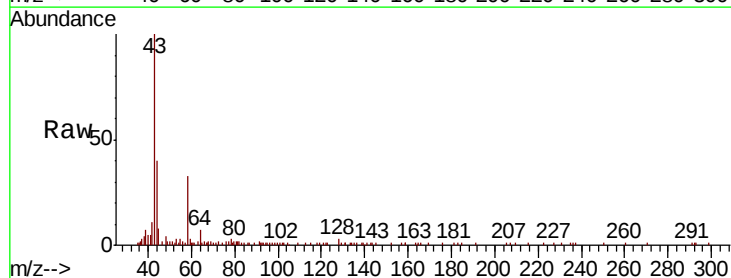
Acq: 12 Dec 2018 19:46

Tgt Ion: 43 Resp: 16590

Ion Ratio Lower Upper

43 100

58 32.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

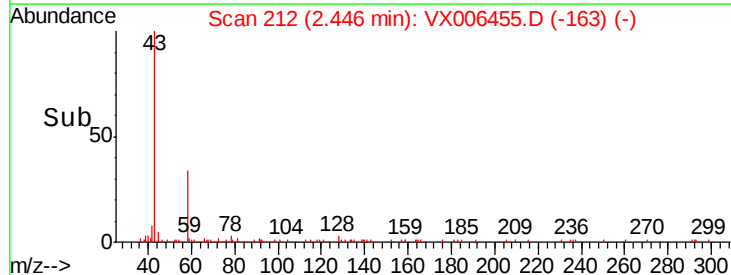
6000

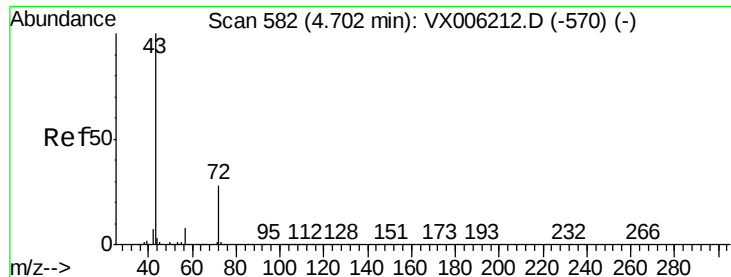
4000

2000

0

Time--> 2.40 2.45 2.50





#25

2-Butanone

Concen: 2.273 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

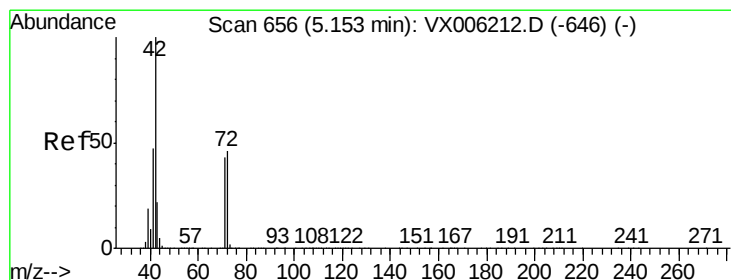
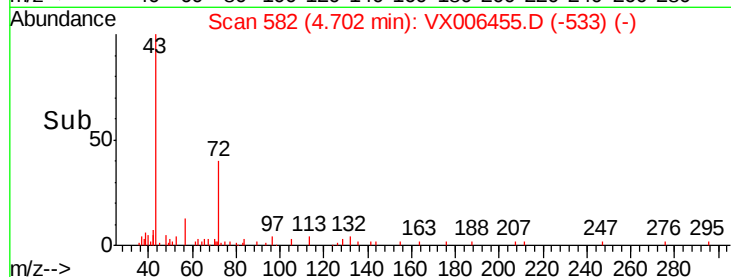
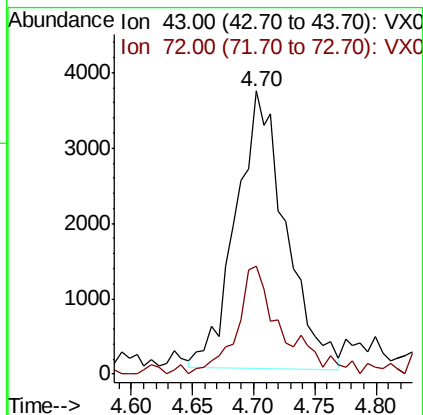
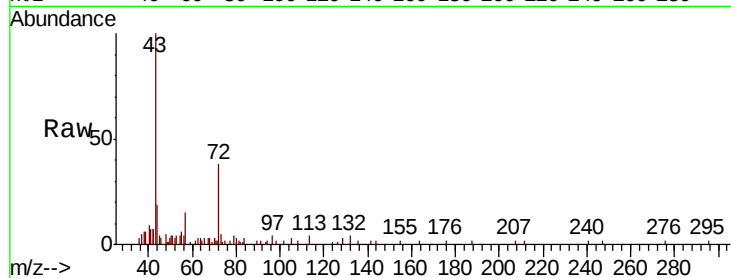
TEST-PIT-1-WATER

Tot Ion: 43 Resp: 10435

Ion Ratio Lower Upper

43 100

72 40.2 22.6 33.8#



#29

Tetrahydrofuran

Concen: 11.034 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

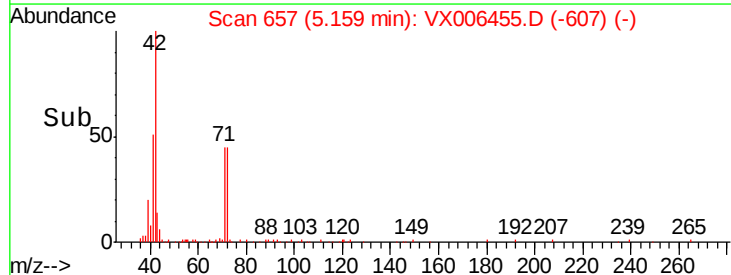
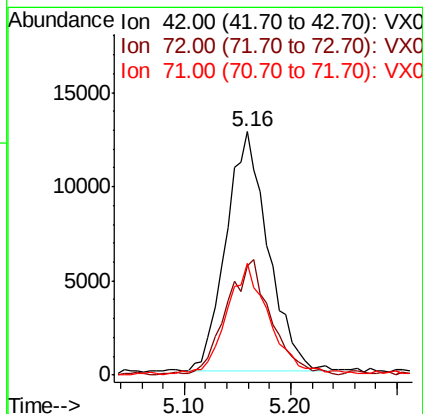
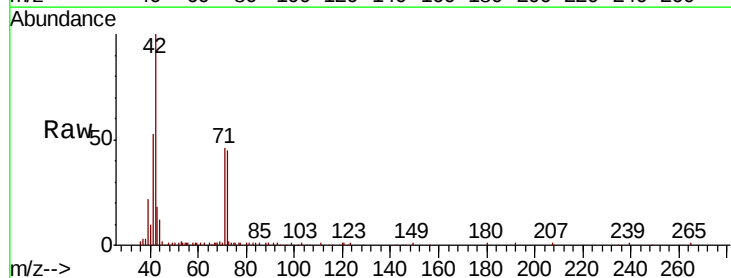
Tgt Ion: 42 Resp: 35206

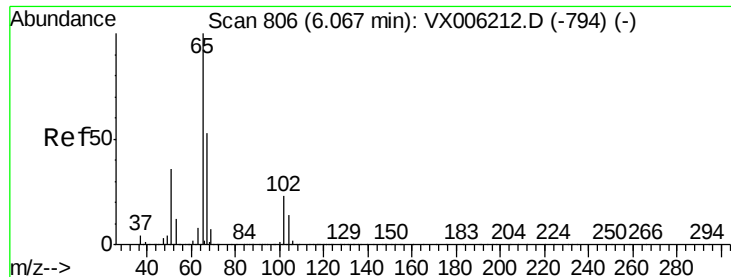
Ion Ratio Lower Upper

42 100

72 51.0 37.8 56.8

71 48.4 35.2 52.8

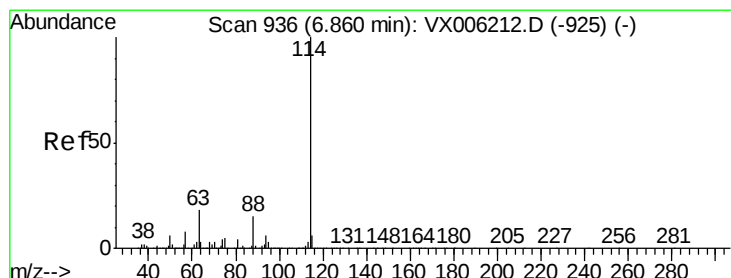
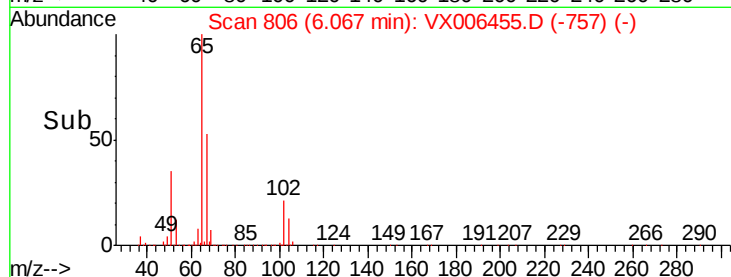
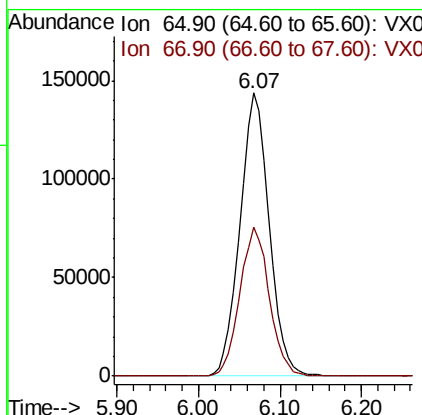
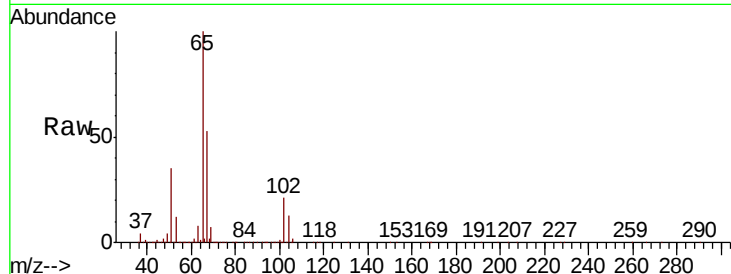




#33
 1,2-Dichloroethane-d4
 Concen: 52.253 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006455.D
 Acq: 12 Dec 2018 19:46

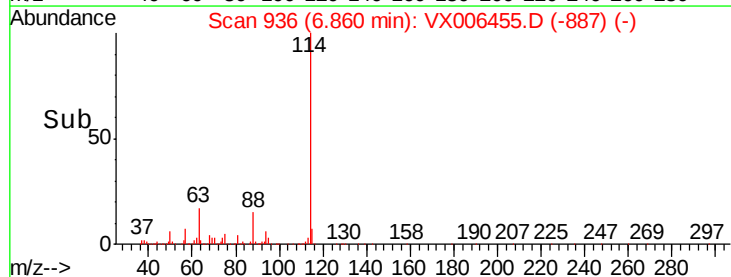
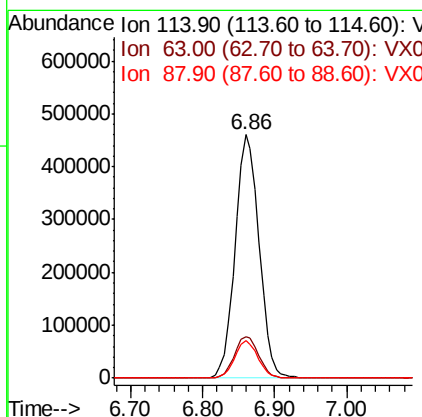
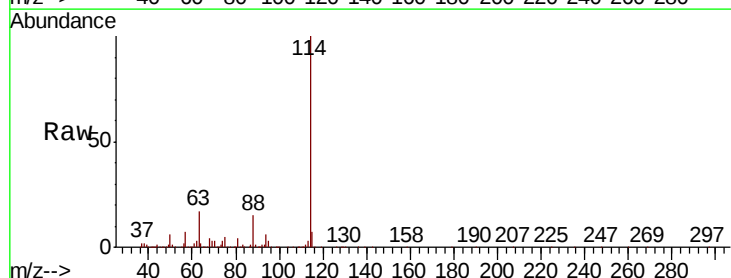
Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-1-WATER

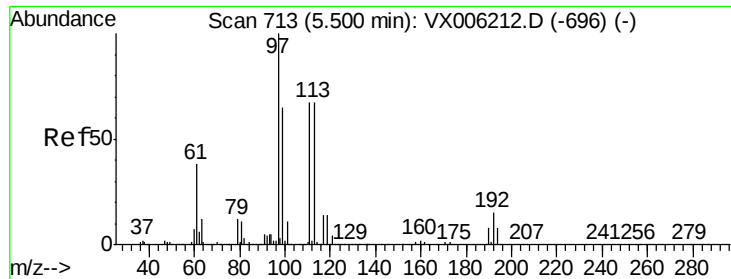
Tot Ion: 65 Resp: 358265
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006455.D
 Acq: 12 Dec 2018 19:46

Tgt Ion: 114 Resp: 1062964
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.6
 88 15.4 0.0 29.0

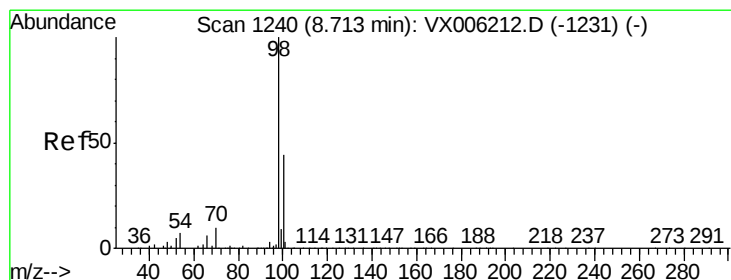
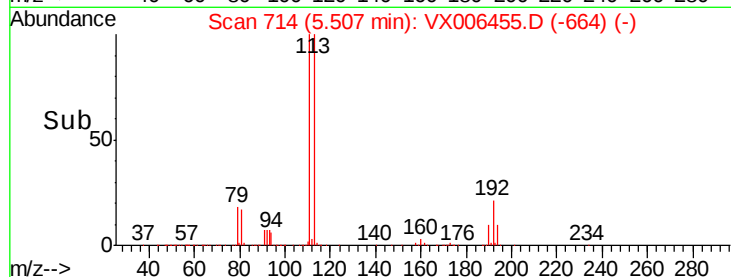
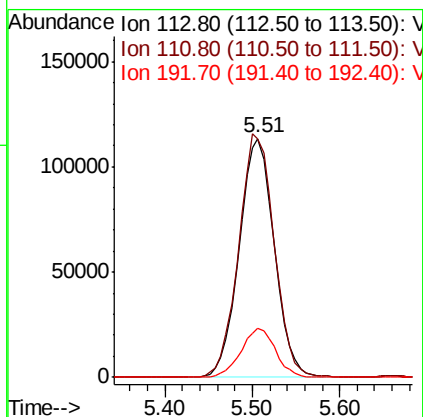
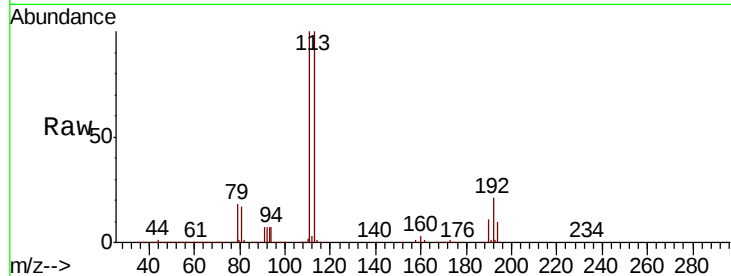




#35
 Dibromofluoromethane
 Concen: 46.033 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006455.D
 Acq: 12 Dec 2018 19:46

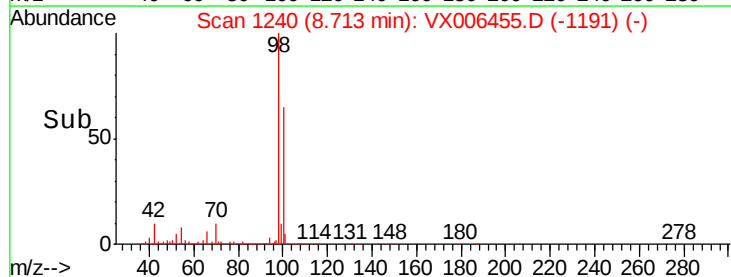
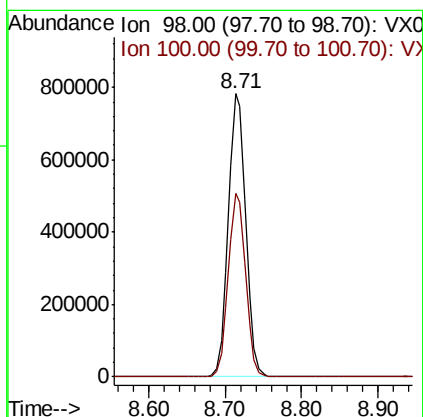
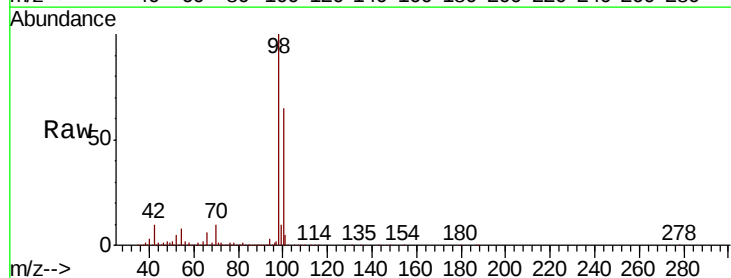
Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-1-WATER

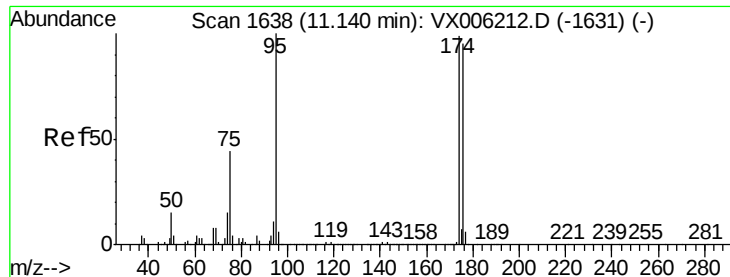
Tot Ion:113 Resp: 316811
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 20.2 18.2 27.2



#50
 Toluene-d8
 Concen: 49.070 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006455.D
 Acq: 12 Dec 2018 19:46

Tgt Ion: 98 Resp: 1228408
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-1-WATER

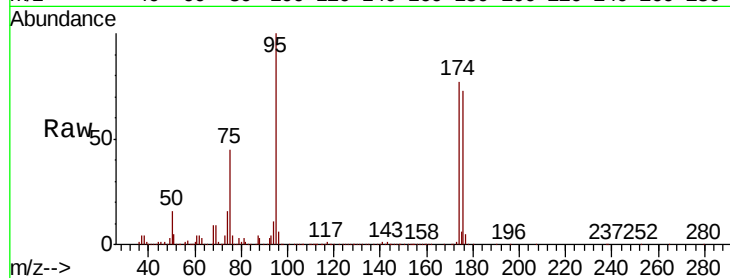
Tot Ion: 95 Resp: 454621

Ion Ratio Lower Upper

95 100

174 85.1 0.0 187.0

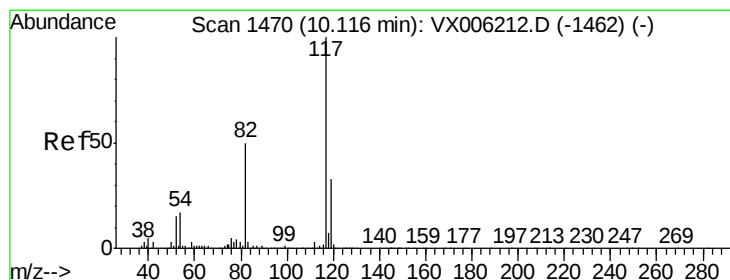
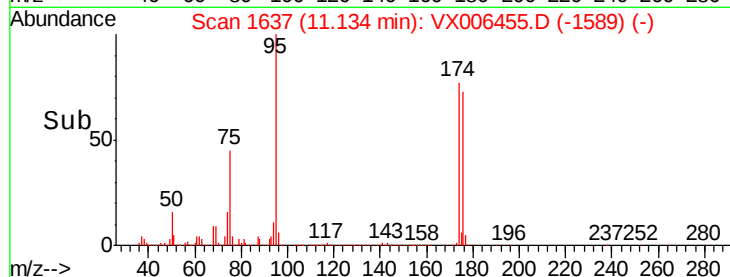
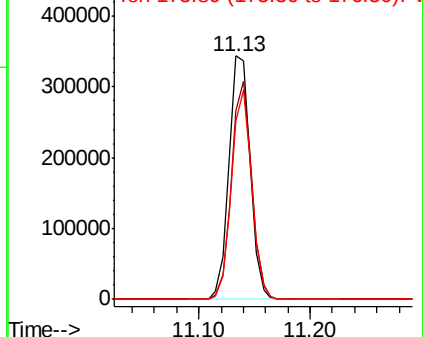
176 81.9 0.0 181.8



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# 1470

Delta R.T. -0.00 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

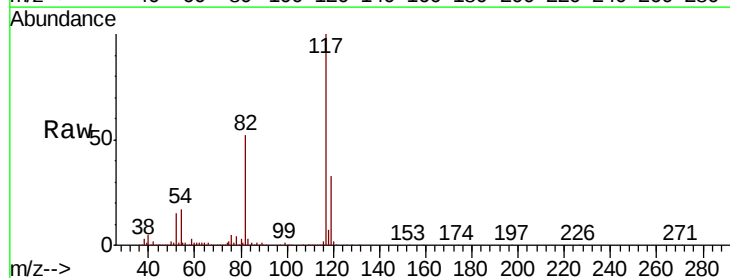
Tgt Ion: 117 Resp: 953277

Ion Ratio Lower Upper

117 100

82 52.2 39.6 59.4

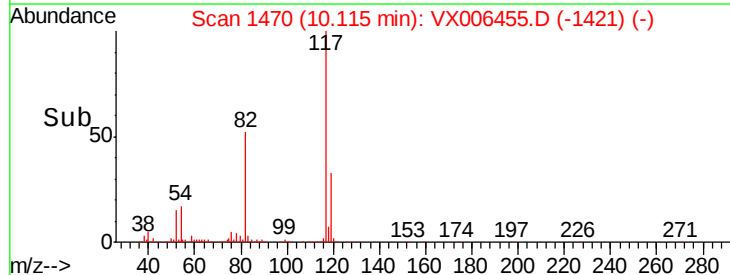
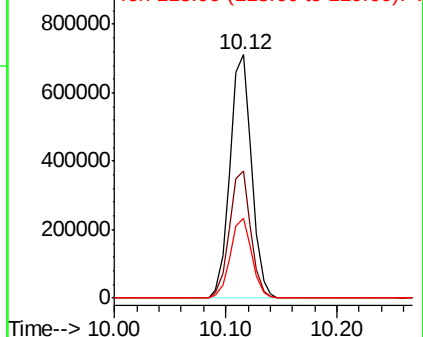
119 32.5 26.3 39.5

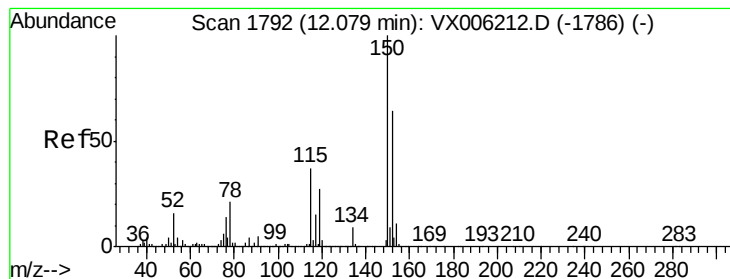


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006455.D

Acq: 12 Dec 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-1-WATER

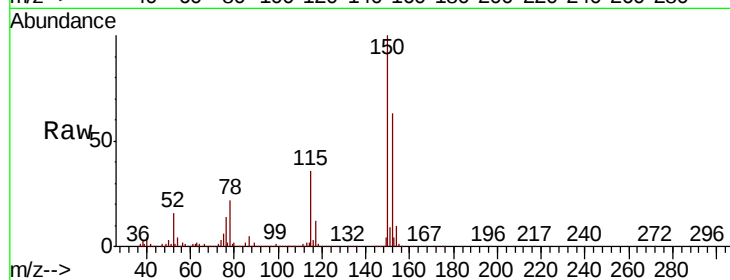
Tot Ion:152 Resp: 445845

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 158.5 0.0 345.8



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

