

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122818\
 Data File : VX006854.D
 Acq On : 28 Dec 2018 12:07
 Operator : JC/MD
 Sample : J6584-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RECLAIMER-PIT

Quant Time: Dec 29 05:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

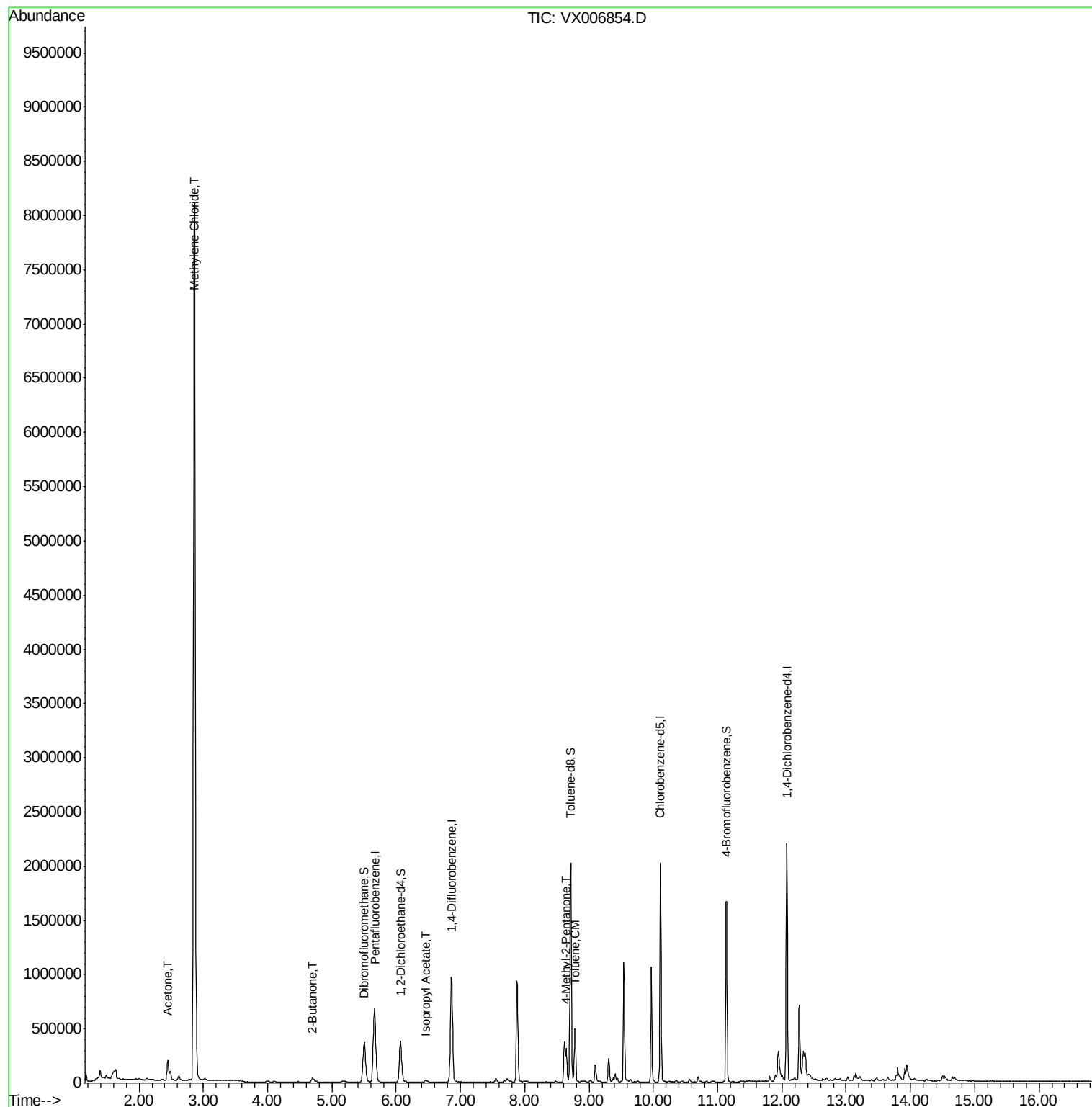
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	706784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	970941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	482300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350270	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.51	113	309419	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	8.71	98	1229151	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	445091	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	2.45	43	198494	56.718	ug/l	99
20) Methylene Chloride	2.86	84	3801366	525.288	ug/l	96
25) 2-Butanone	4.70	43	63610	12.922	ug/l	96
43) Isopropyl Acetate	6.46	43	24018	1.756	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	170349	19.577	ug/l	93
52) Toluene	8.79	92	185425	10.934	ug/l	96

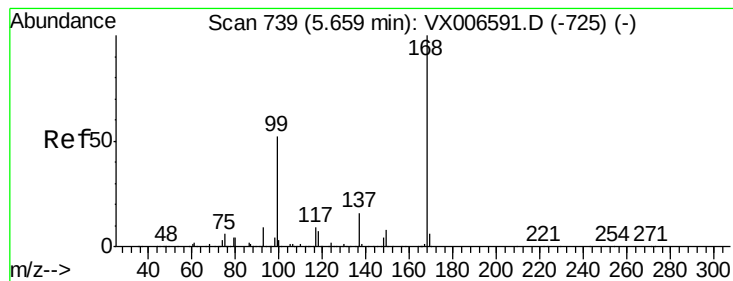
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

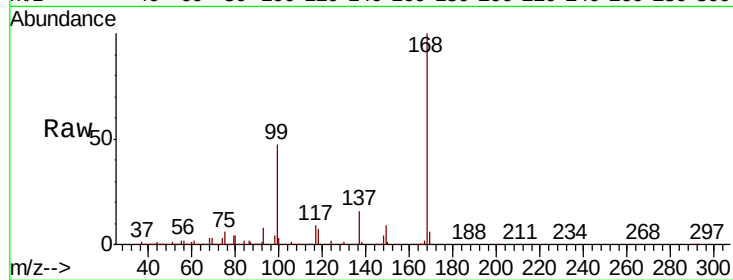
RECLAIMER-PIT

Tot Ion:168 Resp: 706784

Ion Ratio Lower Upper

168 100

99 47.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

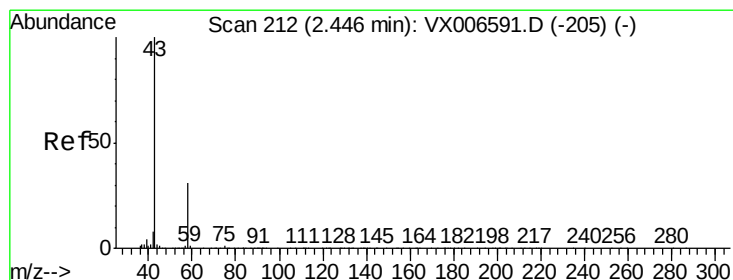
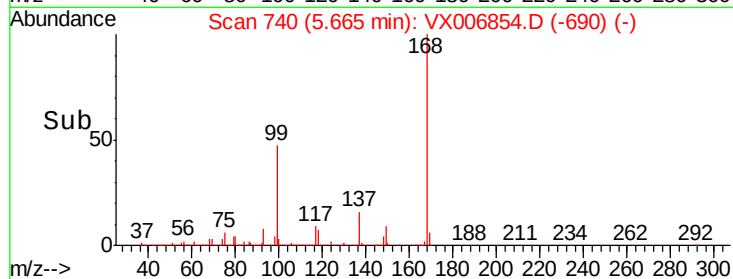
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 56.718 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006854.D

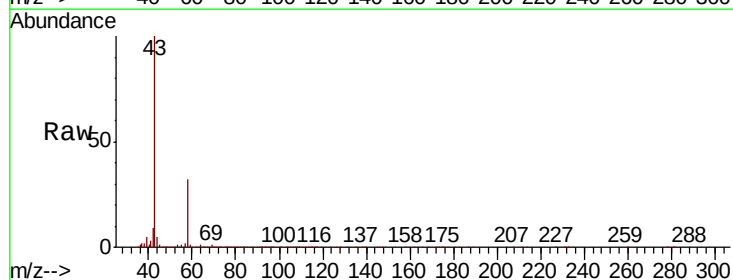
Acq: 28 Dec 2018 12:07

Tgt Ion: 43 Resp: 198494

Ion Ratio Lower Upper

43 100

58 32.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

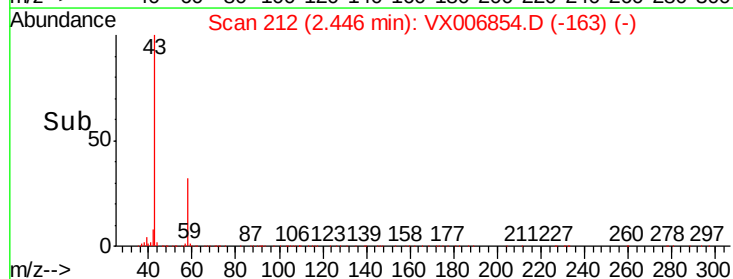
2.45

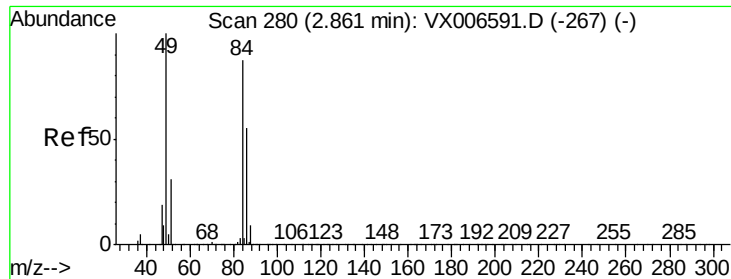
100000

50000

0

Time-->

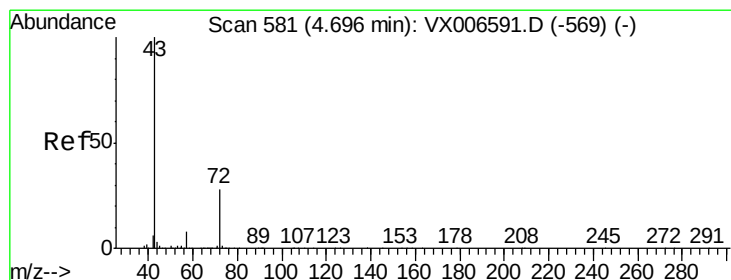
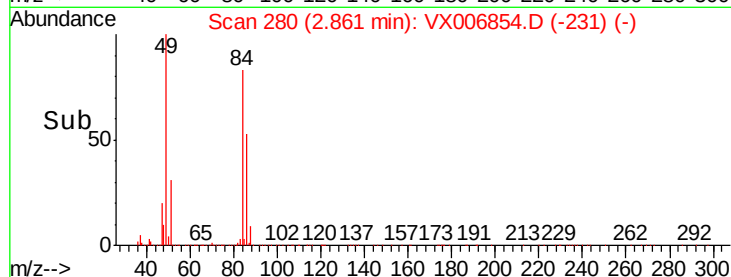
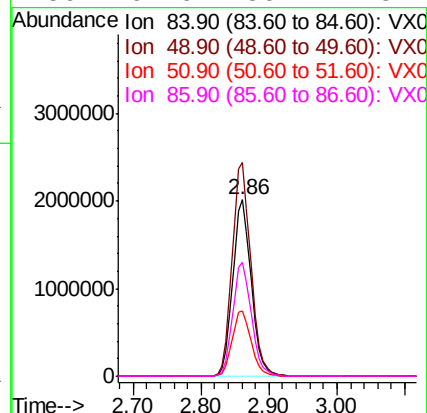
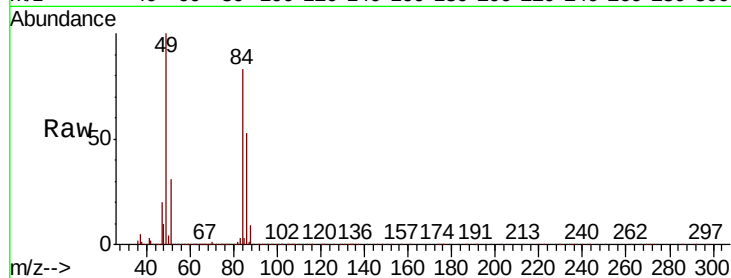




#20
Methylene Chloride
Concen: 525.288 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006854.D
Acq: 28 Dec 2018 12:07

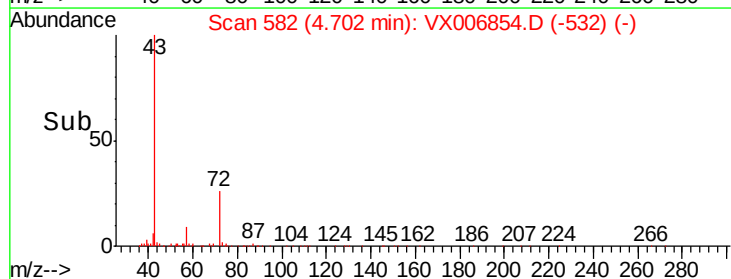
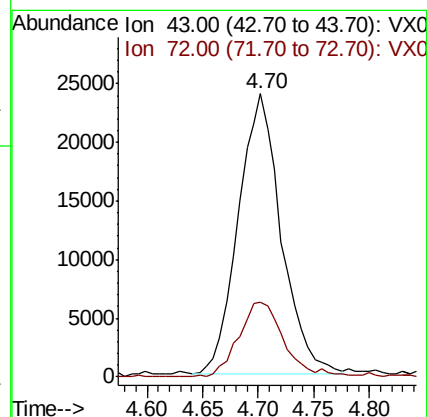
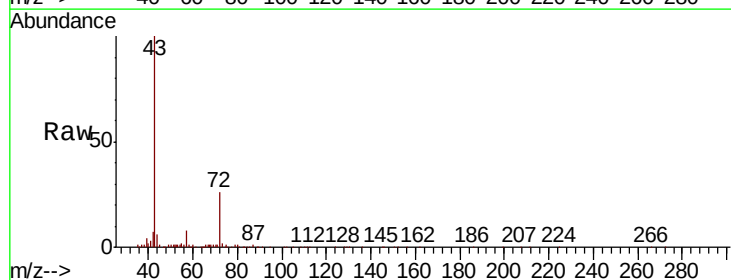
Instrument :
MSVOA_X
ClientSampleId :
RECLAIMER-PIT

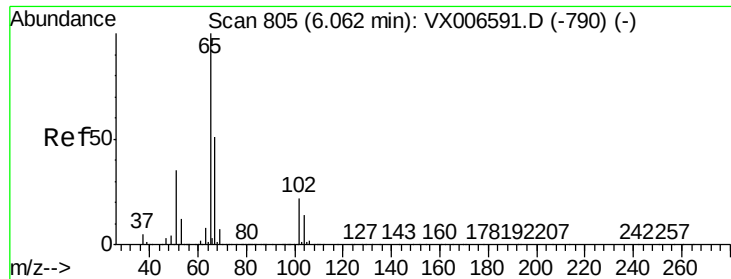
Tot Ion: 84 Resp: 3801366
Ion Ratio Lower Upper
84 100
49 121.2 91.8 137.6
51 37.3 28.5 42.7
86 64.6 50.2 75.2



#25
2-Butanone
Concen: 12.922 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006854.D
Acq: 28 Dec 2018 12:07

Tgt Ion: 43 Resp: 63610
Ion Ratio Lower Upper
43 100
72 26.0 22.4 33.6

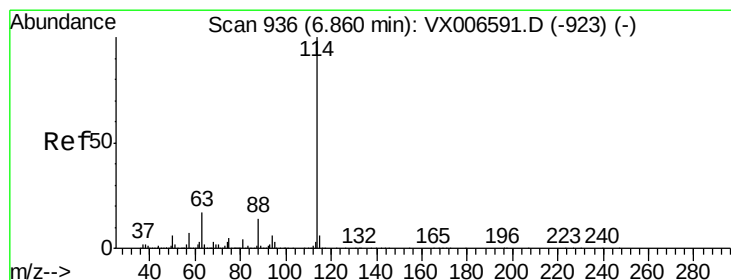
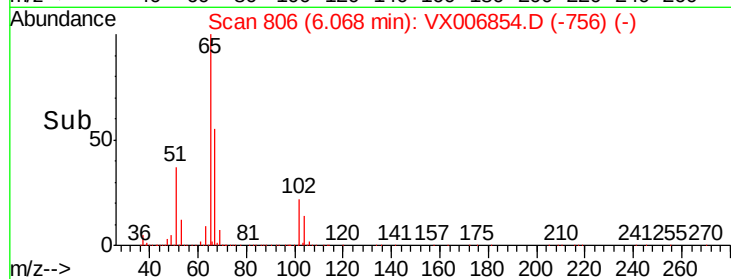
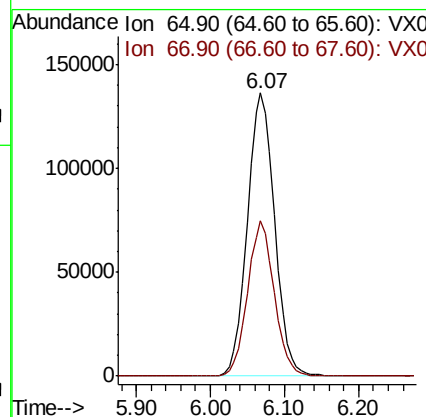
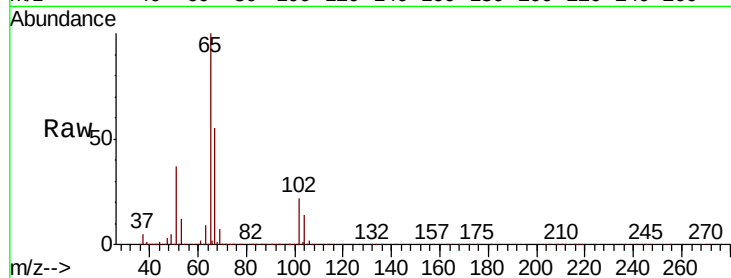




#33
 1,2-Dichloroethane-d4
 Concen: 45.983 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006854.D
 Acq: 28 Dec 2018 12:07

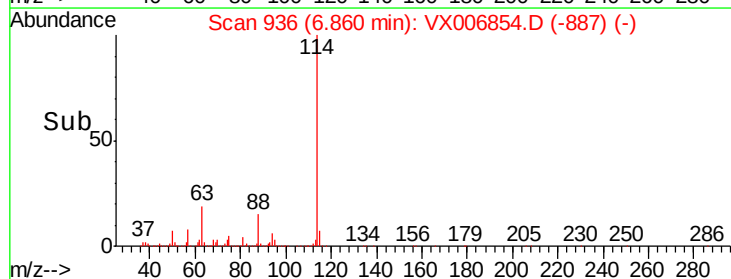
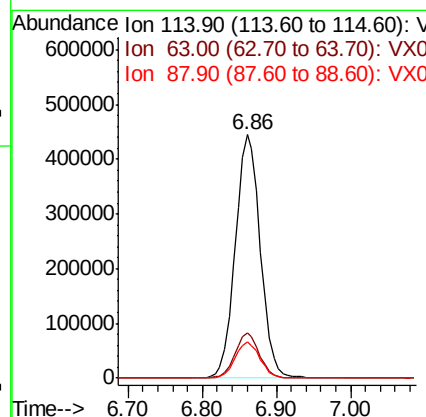
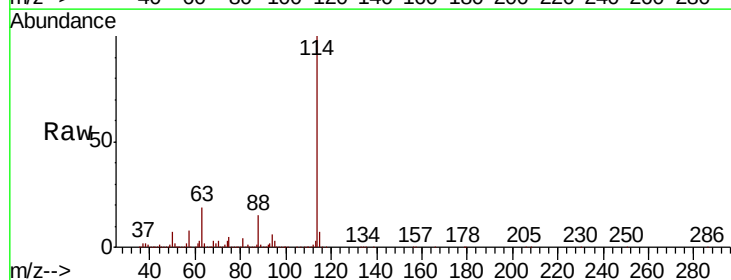
Instrument :
 MSVOA_X
 ClientSampleId :
 RECLAIMER-PIT

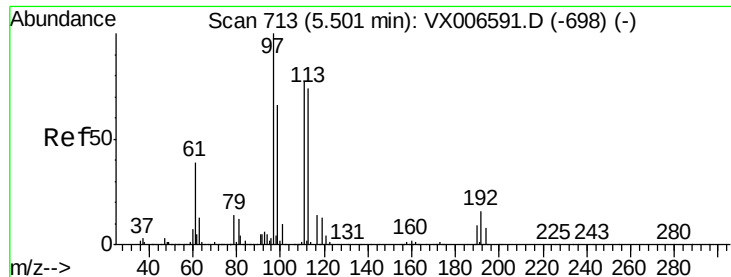
Tot Ion: 65 Resp: 350270
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006854.D
 Acq: 28 Dec 2018 12:07

Tgt Ion: 114 Resp: 1042683
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

RECLAIMER-PIT

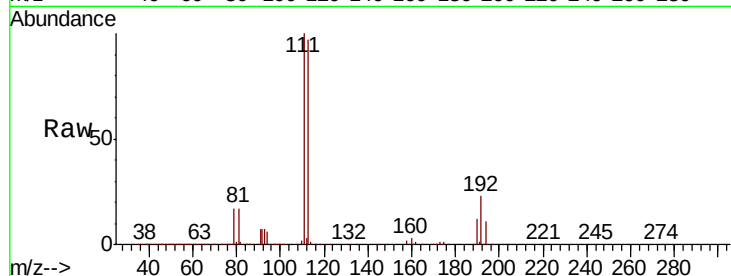
Tot Ion:113 Resp: 309419

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

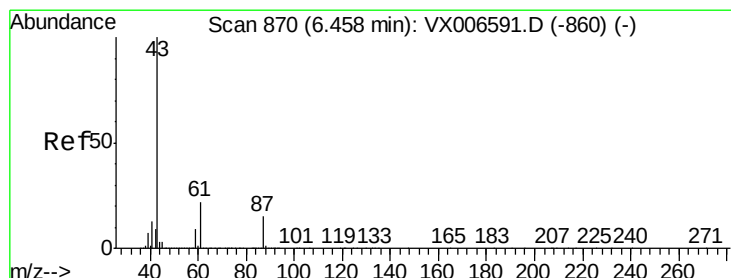
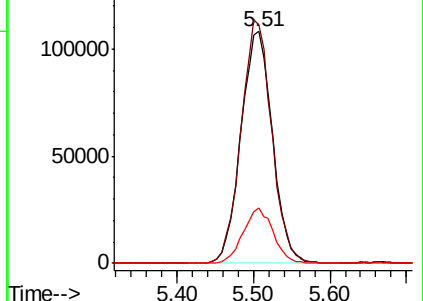
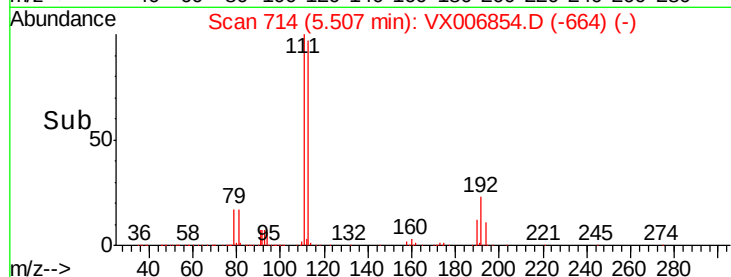
192 22.9 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 1.756 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

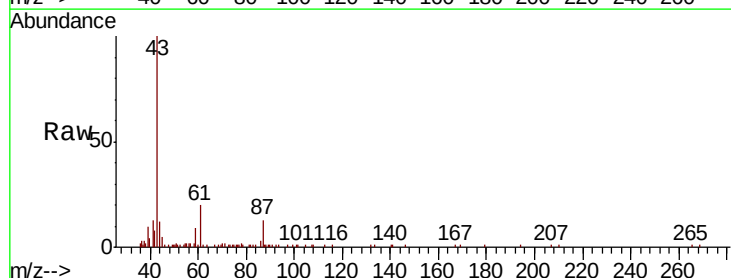
Tgt Ion: 43 Resp: 24018

Ion Ratio Lower Upper

43 100

61 22.2 16.8 25.2

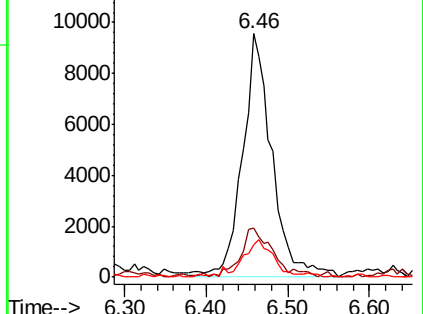
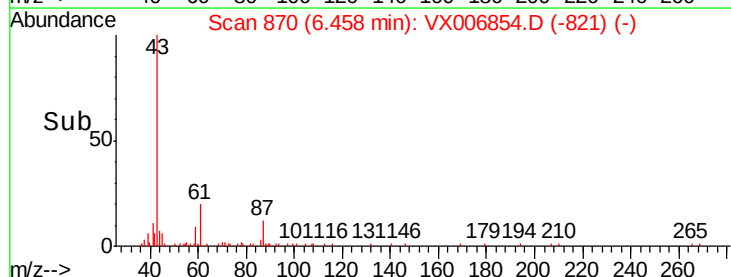
87 15.8 12.4 18.6

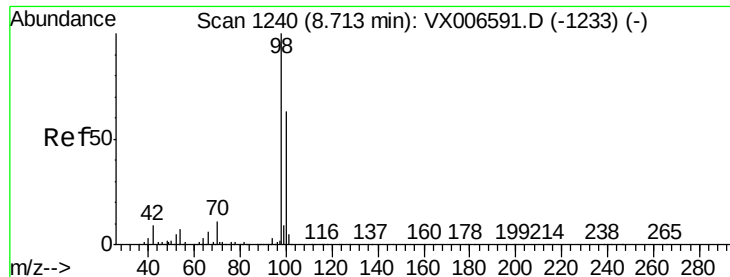


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.446 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

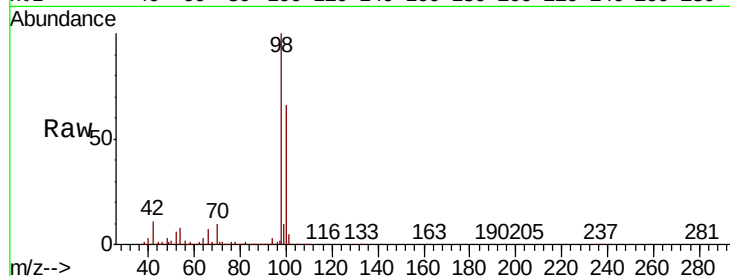
RECLAIMER-PIT

Tot Ion: 98 Resp: 1229151

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

800000

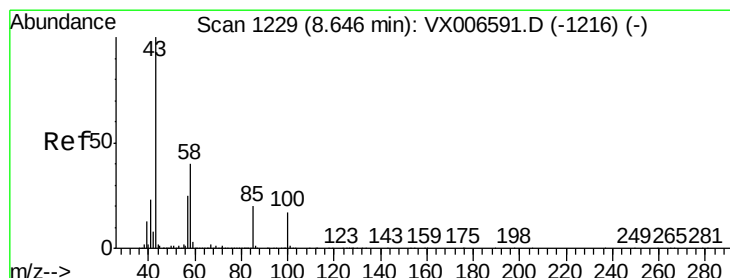
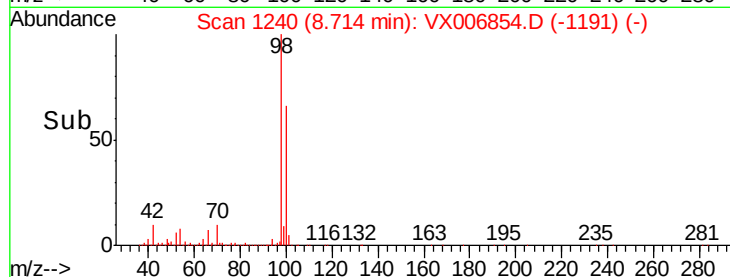
600000

400000

200000

0

Time--> 8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 19.577 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006854.D

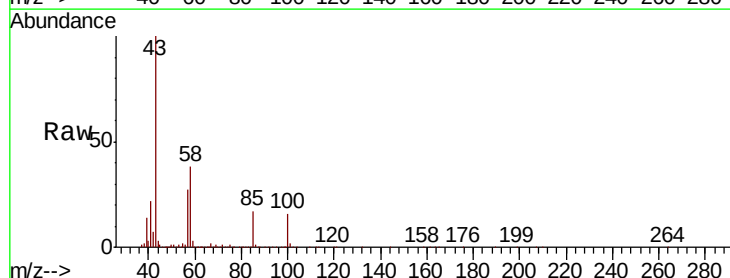
Acq: 28 Dec 2018 12:07

Tgt Ion: 43 Resp: 170349

Ion Ratio Lower Upper

43 100

58 43.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

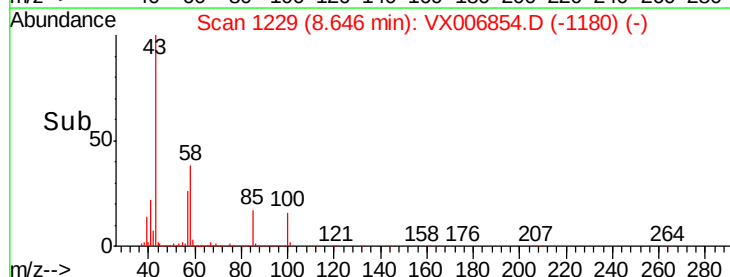
8.65

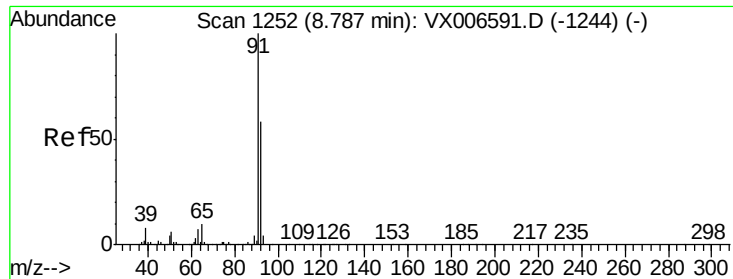
100000

50000

0

Time--> 8.60 8.65 8.70





#52

Toluene

Concen: 10.934 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

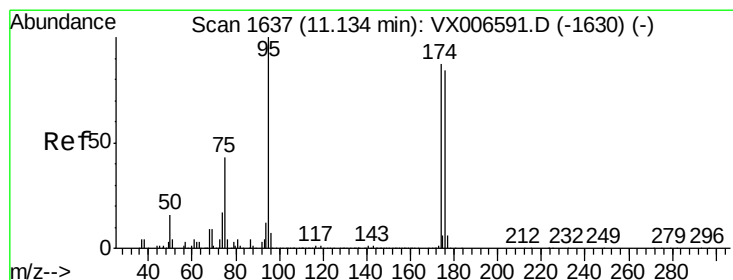
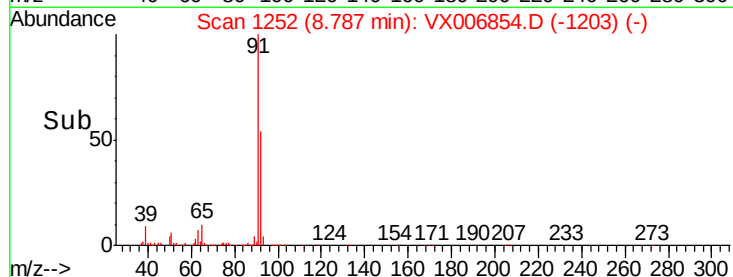
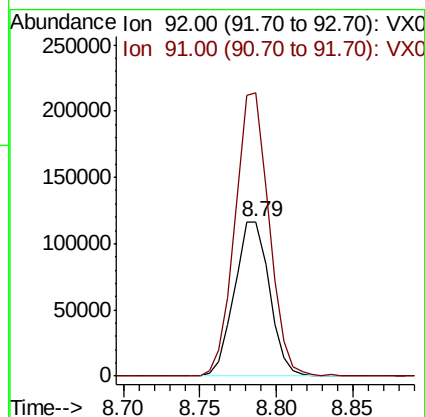
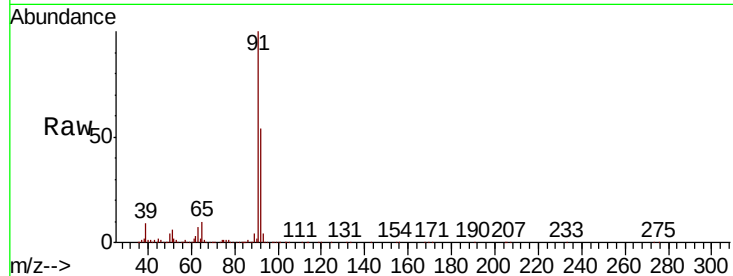
RECLAIMER-PIT

Tot Ion: 92 Resp: 185425

Ion Ratio Lower Upper

92 100

91 177.6 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 48.888 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

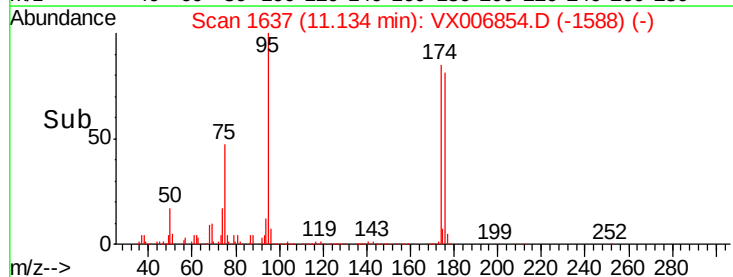
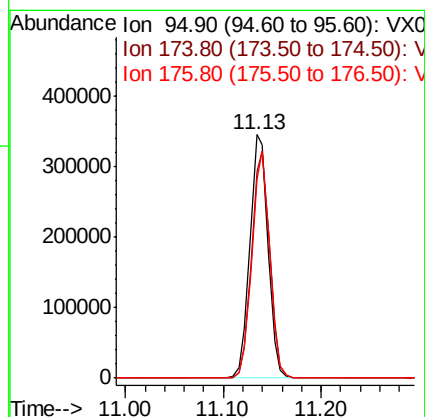
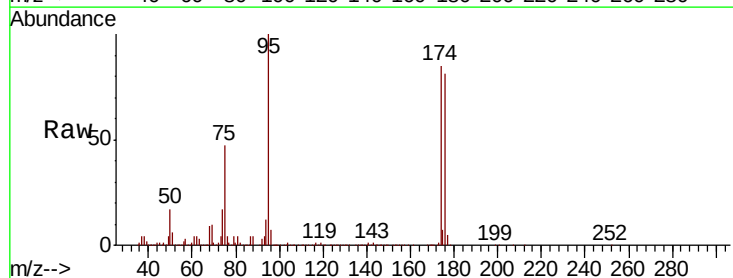
Tgt Ion: 95 Resp: 445091

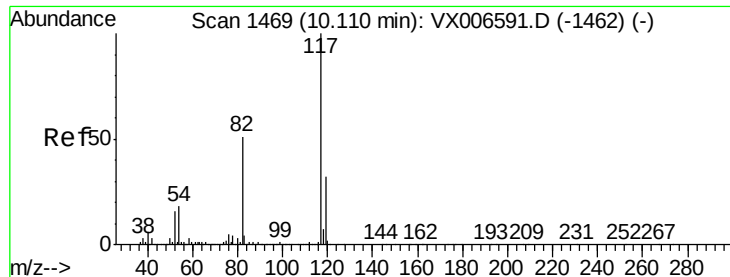
Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

176 90.3 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006854.D

Acq: 28 Dec 2018 12:07

Instrument :

MSVOA_X

ClientSampleId :

RECLAIMER-PIT

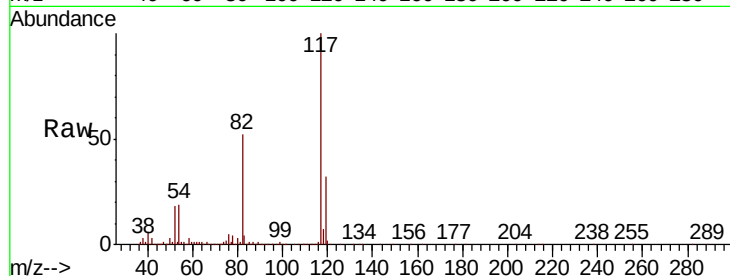
Tot Ion:117 Resp: 970941

Ion Ratio Lower Upper

117 100

82 52.4 41.0 61.6

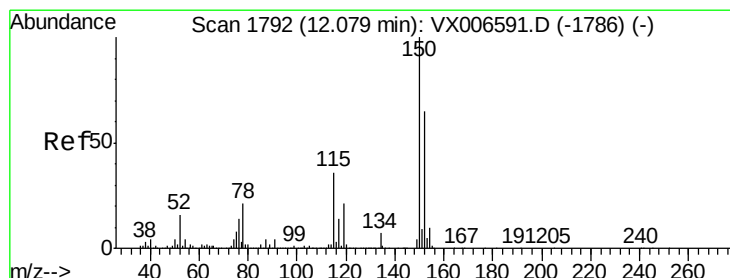
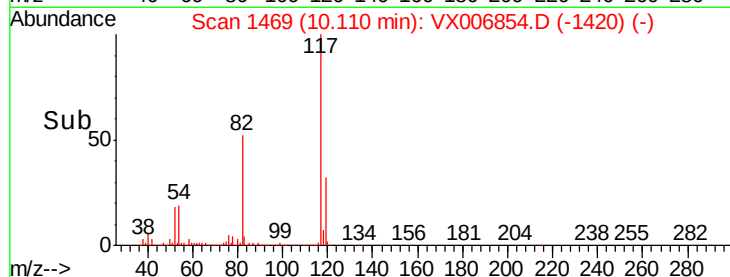
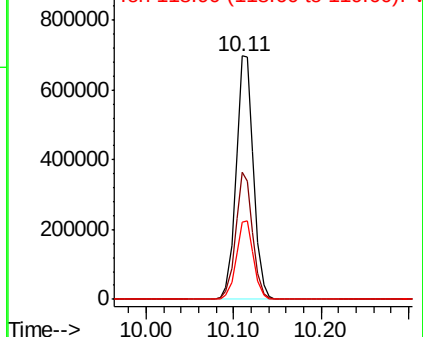
119 31.5 25.4 38.0



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: VX006854.D

Acq: 28 Dec 2018 12:07

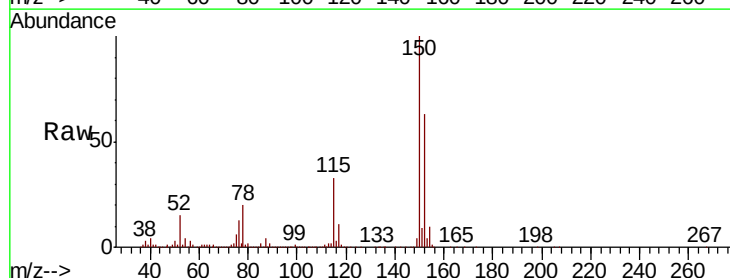
Tgt Ion:152 Resp: 482300

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

150 157.3 0.0 344.8



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

