

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006649.D
 Acq On : 19 Dec 2018 20:44
 Operator : JC/MD
 Sample : J6491-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GT103-AFTER-FILTERS

Quant Time: Dec 20 04:42:22 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

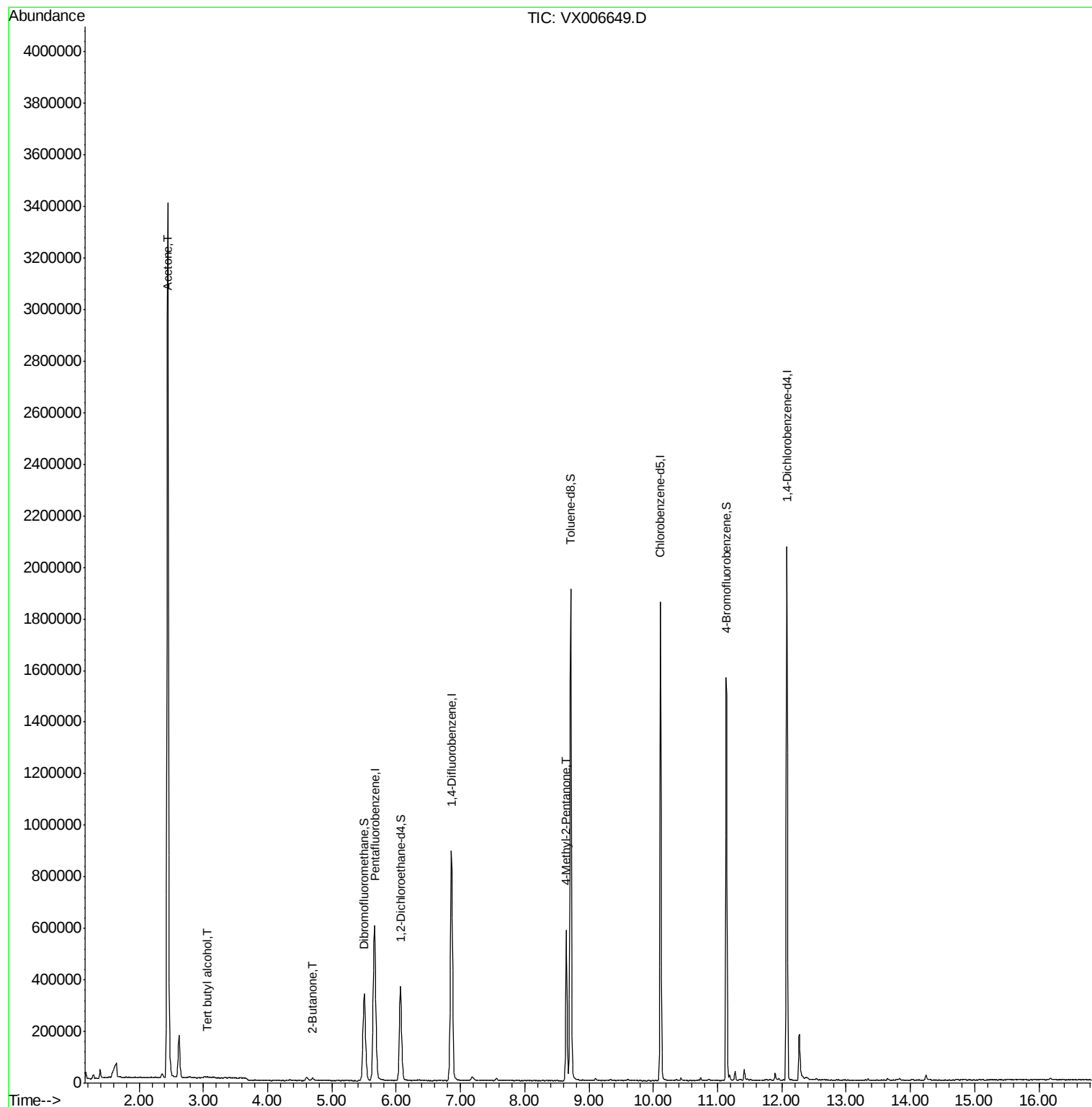
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	606596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	973562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	912946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	342537	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.51	113	291269	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	1172575	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	427755	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	7947	5.447	ug/l	97
16) Acetone	2.45	43	3526092	1173.958	ug/l	99
25) 2-Butanone	4.70	43	17113	4.050	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	329432	40.546	ug/l	100

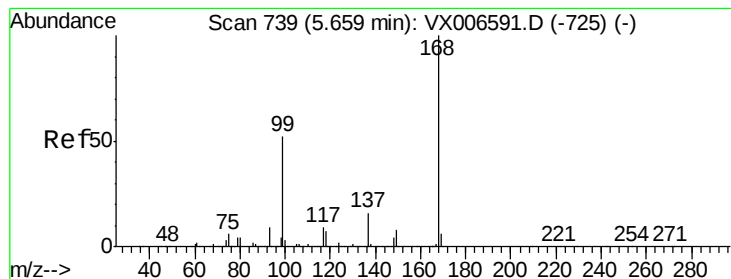
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006649.D

Acq: 19 Dec 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

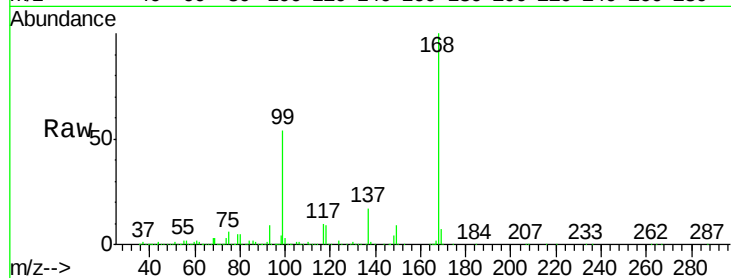
GT103-AFTER-FILTERS

Tot Ion:168 Resp: 606596

Ion Ratio Lower Upper

168 100

99 53.6 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

200000

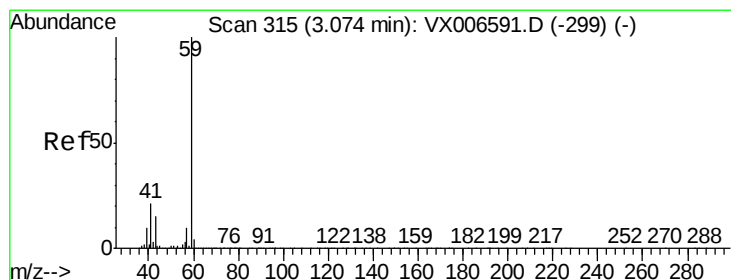
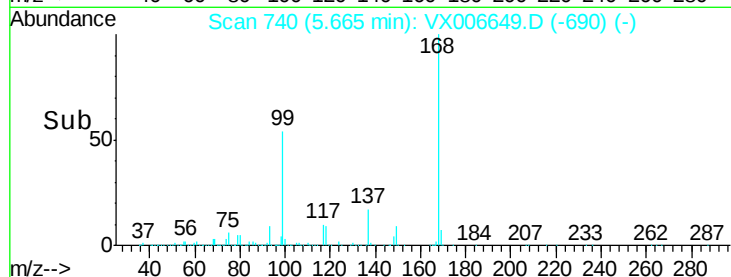
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.447 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006649.D

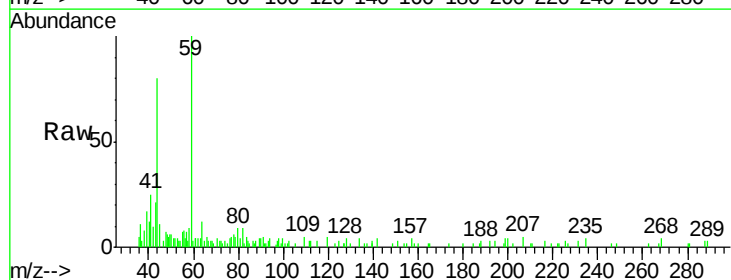
Acq: 19 Dec 2018 20:44

Tgt Ion: 59 Resp: 7947

Ion Ratio Lower Upper

59 100

57 9.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

4000

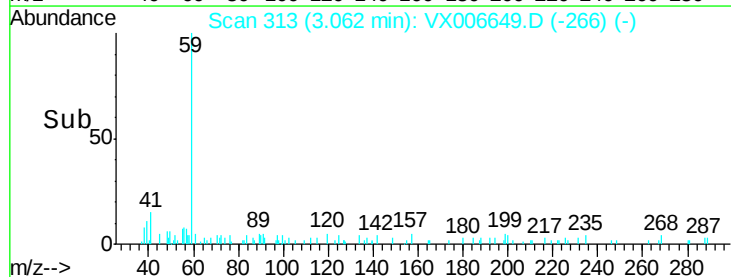
3000

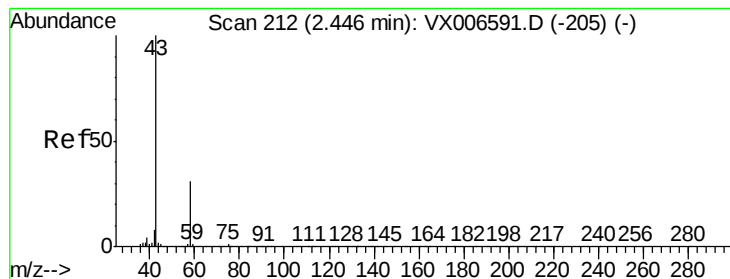
2000

1000

0

Time-->





#16

Acetone

Concen: 1173.958 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006649.D

Acq: 19 Dec 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

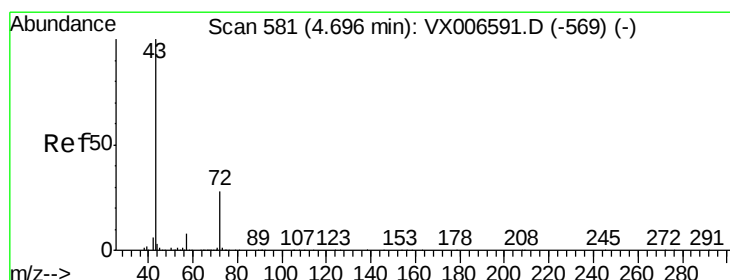
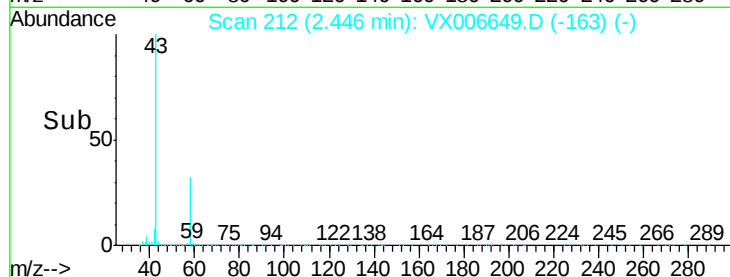
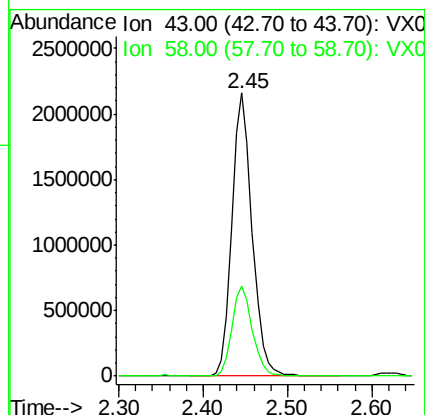
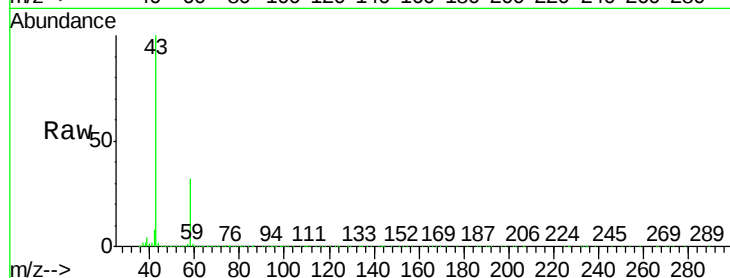
GT103-AFTER-FILTERS

Tot Ion: 43 Resp: 3526092

Ion Ratio Lower Upper

43 100

58 31.9 25.0 37.6



#25

2-Butanone

Concen: 4.050 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006649.D

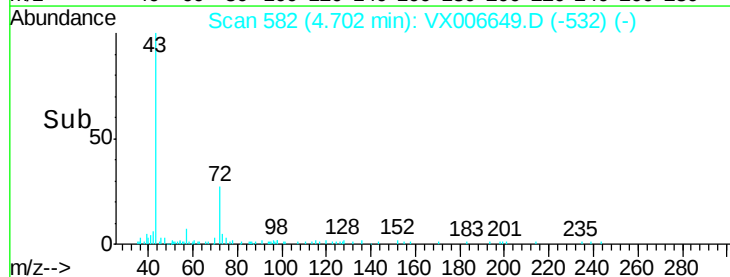
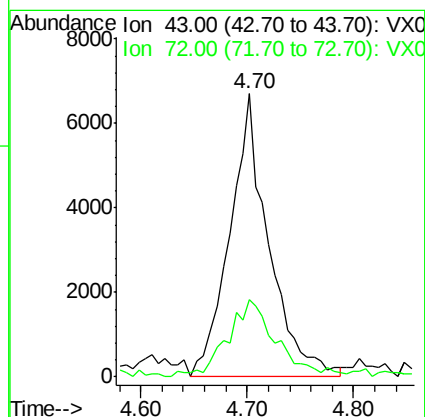
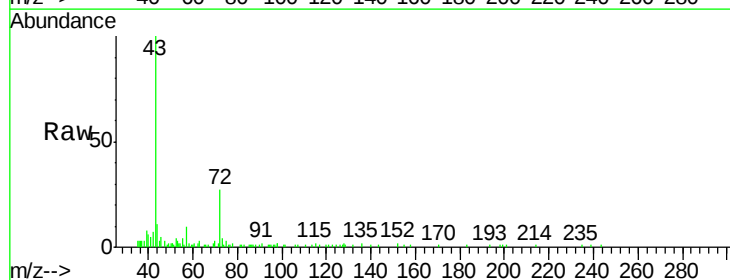
Acq: 19 Dec 2018 20:44

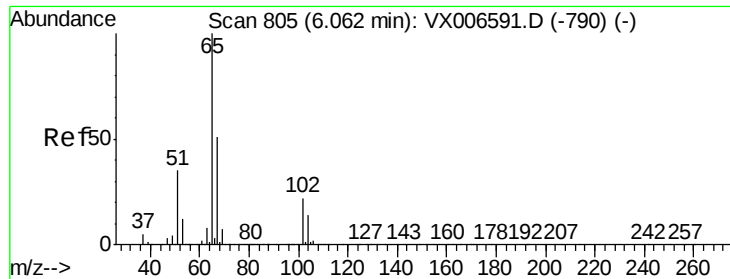
Tgt Ion: 43 Resp: 17113

Ion Ratio Lower Upper

43 100

72 25.8 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 52.395 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006649.D

Acq: 19 Dec 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

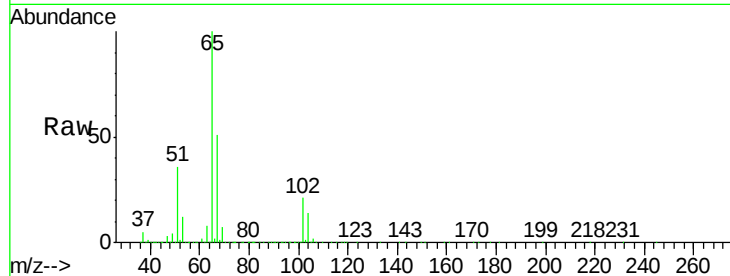
GT103-AFTER-FILTERS

Tot Ion: 65 Resp: 342537

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

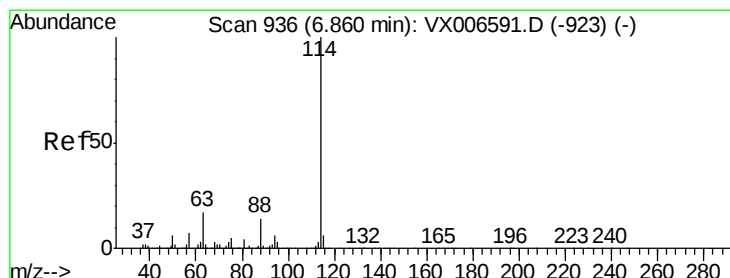
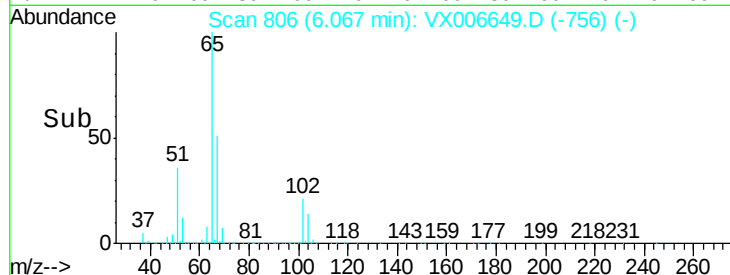
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006649.D

Acq: 19 Dec 2018 20:44

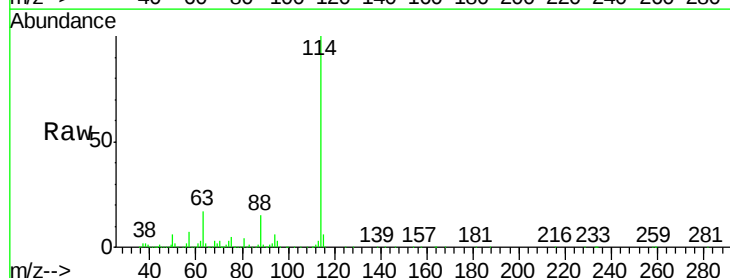
Tgt Ion: 114 Resp: 973562

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.8

88 14.8 0.0 28.8



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

6.86

500000

400000

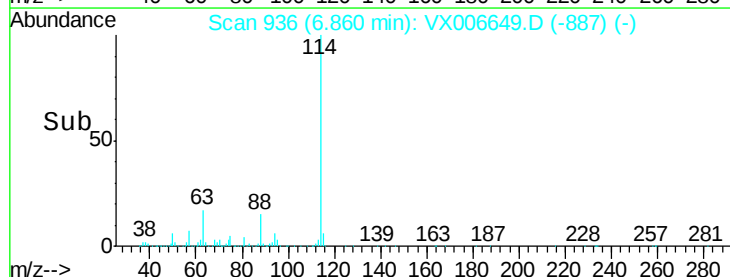
300000

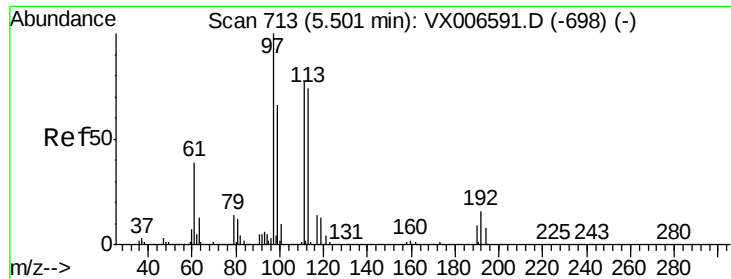
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.310 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006649.D

Acq: 19 Dec 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

GT103-AFTER-FILTERS

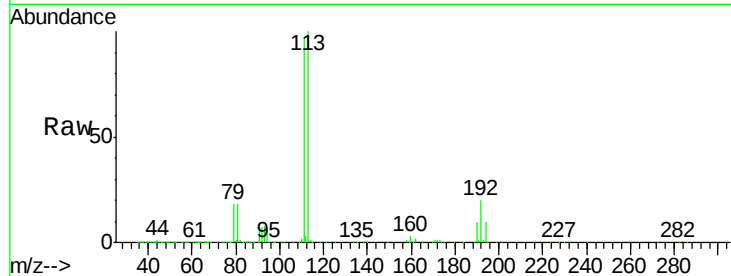
Tot Ion:113 Resp: 291269

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

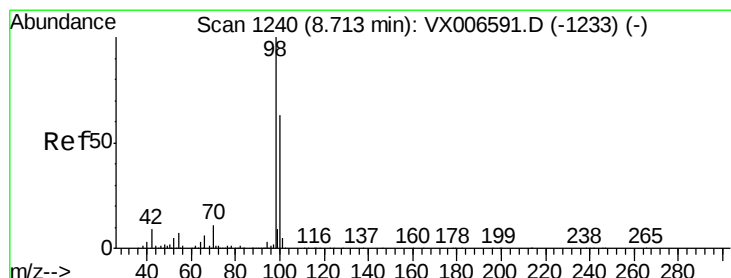
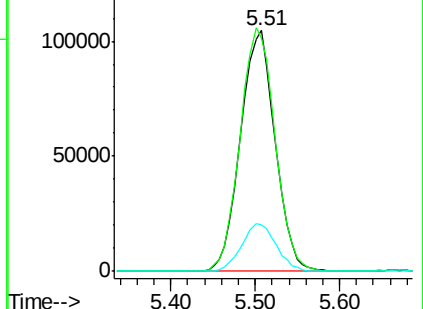
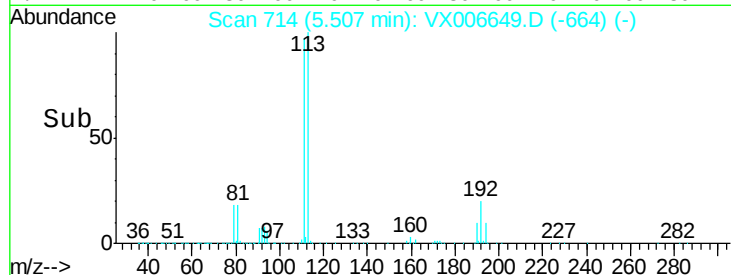
192 19.8 16.7 25.1



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



#50

Toluene-d8

Concen: 50.519 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006649.D

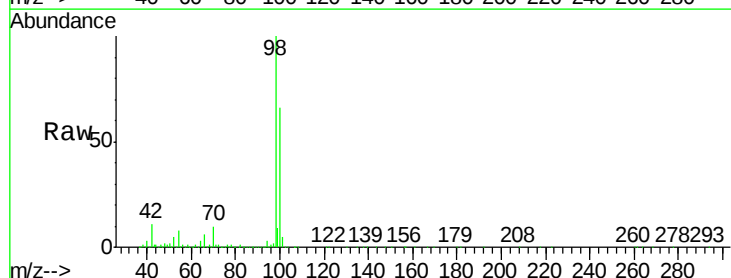
Acq: 19 Dec 2018 20:44

Tgt Ion: 98 Resp: 1172575

Ion Ratio Lower Upper

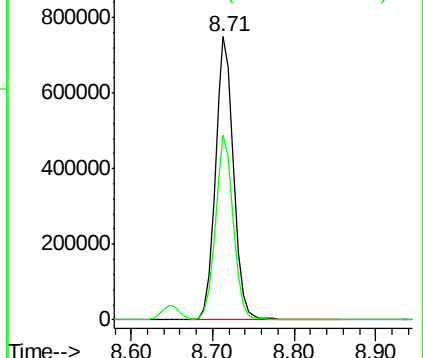
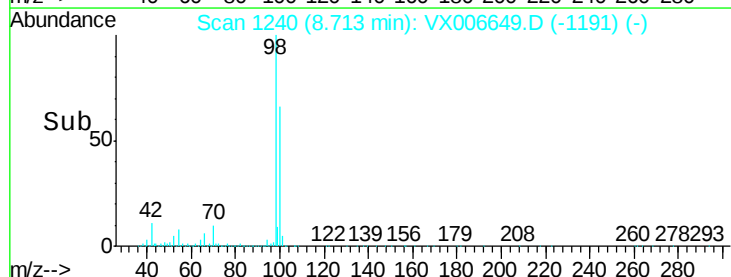
98 100

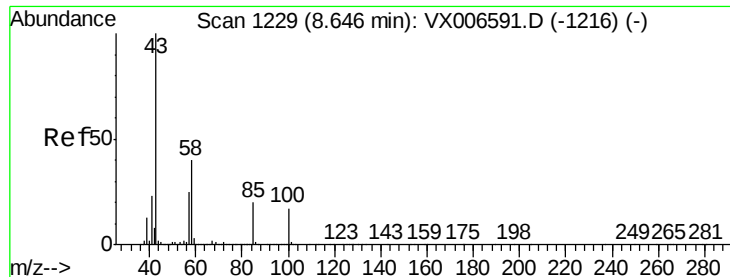
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

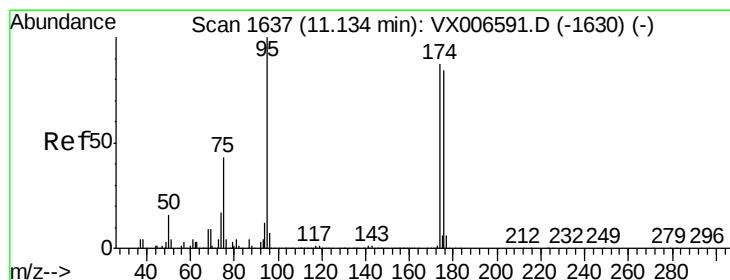
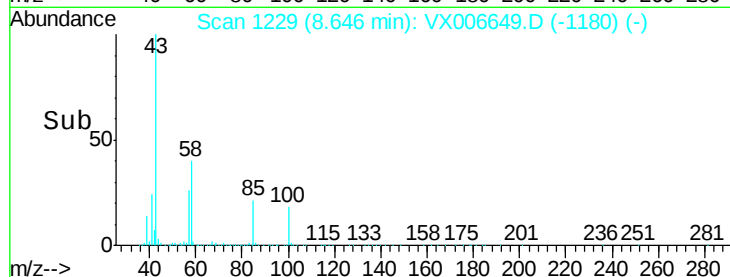
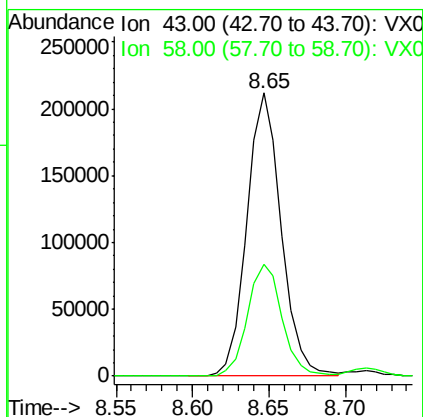
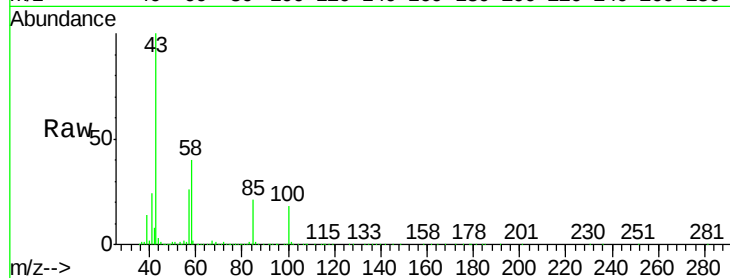




#51
 4-Methyl-2-Pentanone
 Concen: 40.546 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006649.D
 Acq: 19 Dec 2018 20:44

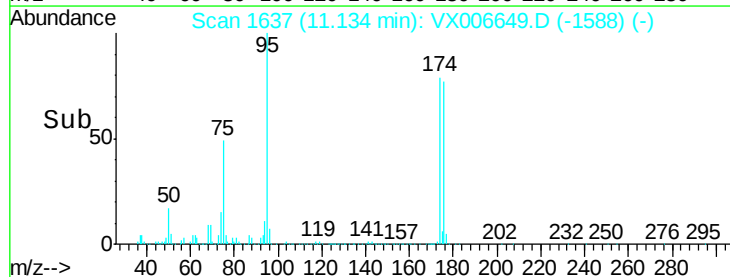
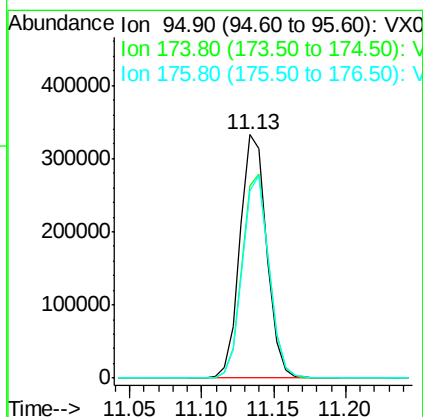
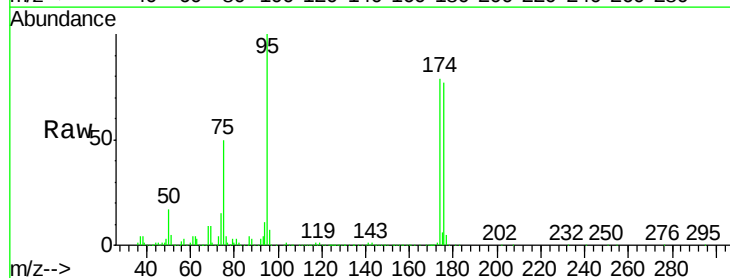
Instrument :
 MSVOA_X
 ClientSampleId :
 GT103-AFTER-FILTERS

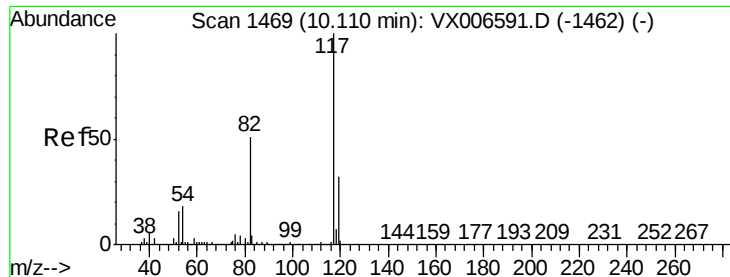
Tot Ion: 43 Resp: 329432
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.8 47.6



#62
 4-Bromofluorobenzene
 Concen: 50.320 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006649.D
 Acq: 19 Dec 2018 20:44

Tgt Ion: 95 Resp: 427755
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 182.2
 176 82.6 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: VX006649.D

Acq: 19 Dec 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

GT103-AFTER-FILTERS

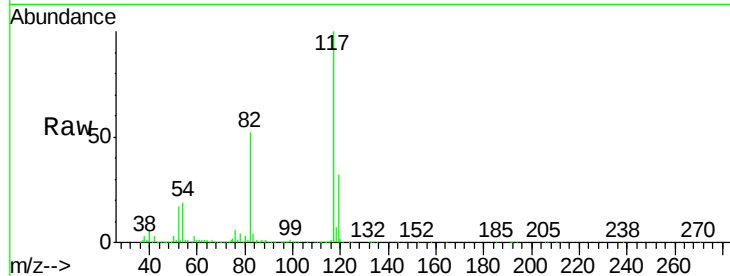
Tot Ion:117 Resp: 912946

Ion Ratio Lower Upper

117 100

82 51.8 41.0 61.6

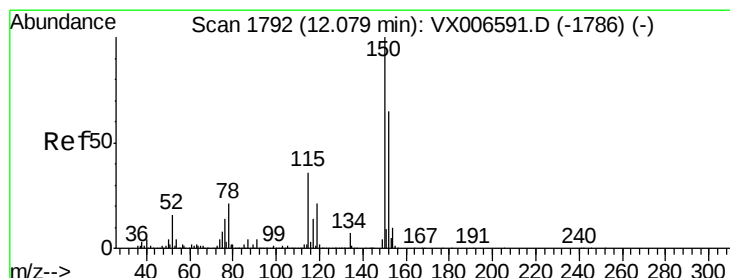
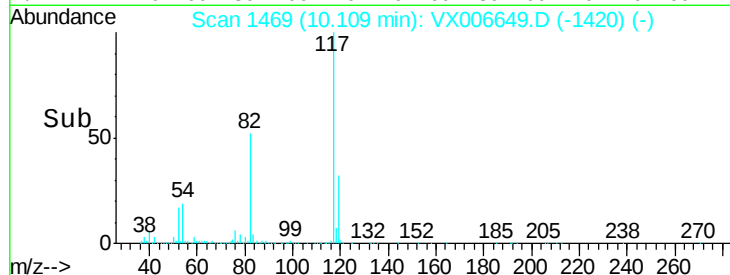
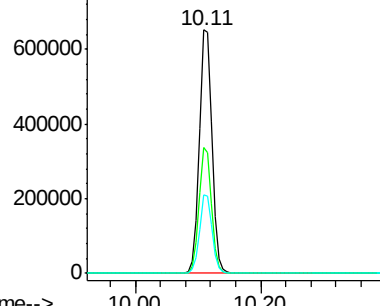
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX006649.D

Acq: 19 Dec 2018 20:44

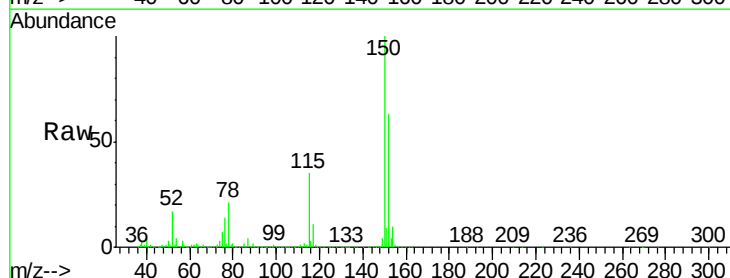
Tgt Ion:152 Resp: 446993

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.2

150 155.9 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

