

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006154.D
 Acq On : 22 Nov 2018 05:50
 Operator : JC/MD
 Sample : J6031-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01

Quant Time: Nov 22 06:39:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

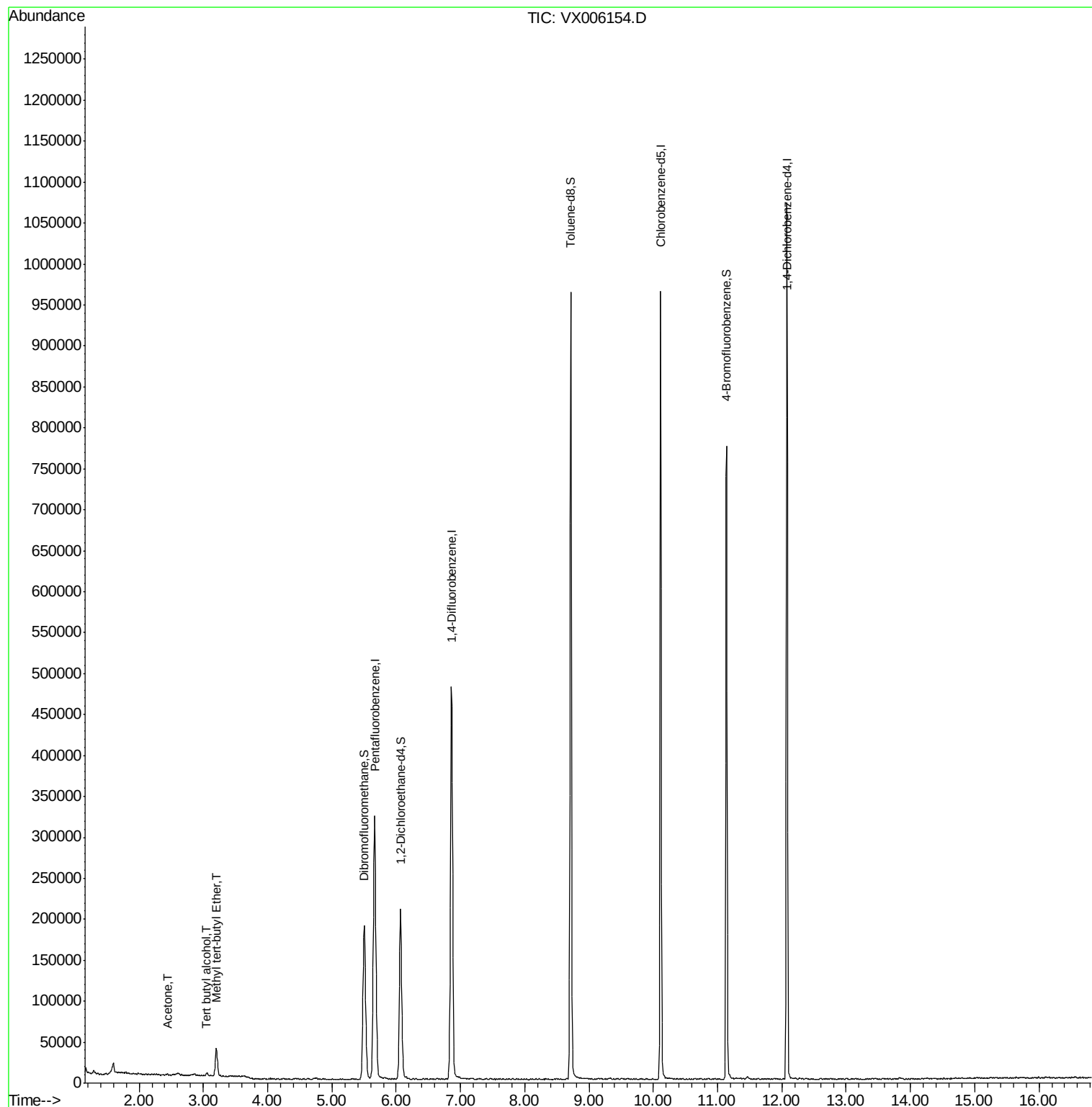
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	442738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197808	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	5.51	113	160716	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	8.71	98	576242	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	193178	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	3804	4.865	ug/l #	83
16) Acetone	2.45	43	2891	1.773	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	36899	4.661	ug/l	95

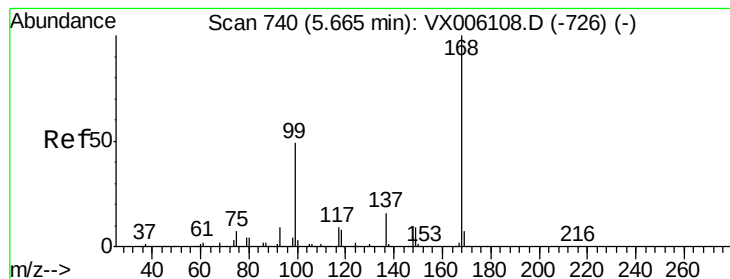
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006154.D

Acq: 22 Nov 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

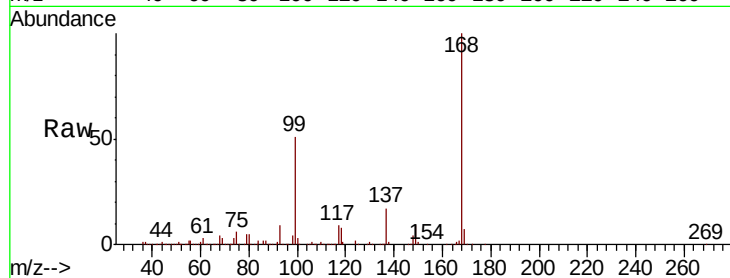
DUP-01

Tot Ion:168 Resp: 317201

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

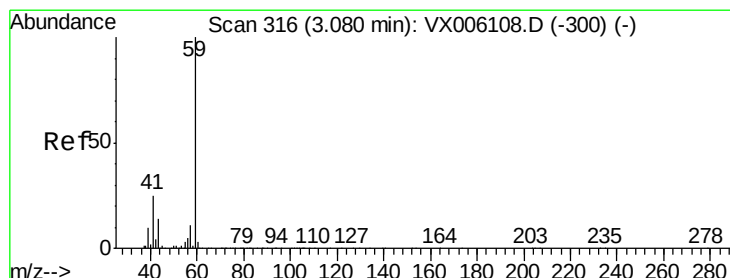
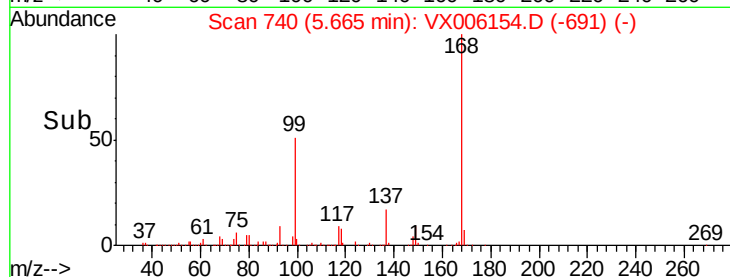
5.67

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.865 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.03 min

Lab File: VX006154.D

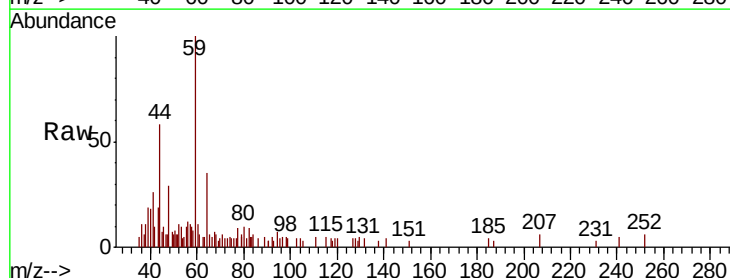
Acq: 22 Nov 2018 05:50

Tgt Ion: 59 Resp: 3804

Ion Ratio Lower Upper

59 100

57 17.4 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

4000

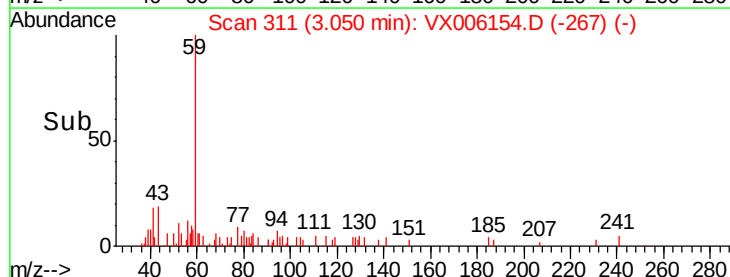
3000

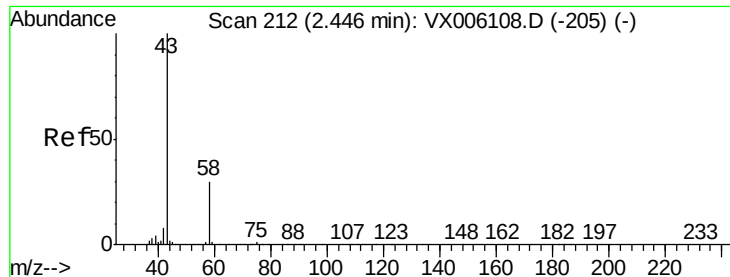
2000

1000

0

Time-->





#16

Acetone

Concen: 1.773 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006154.D

Acq: 22 Nov 2018 05:50

Instrument :

MSVOA_X

ClientSampled :

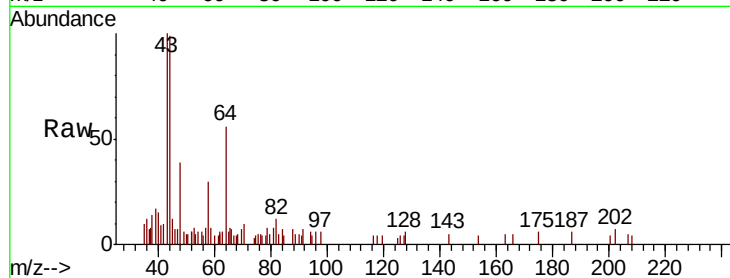
DUP-01

Tot Ion: 43 Resp: 2891

Ion Ratio Lower Upper

43 100

58 26.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

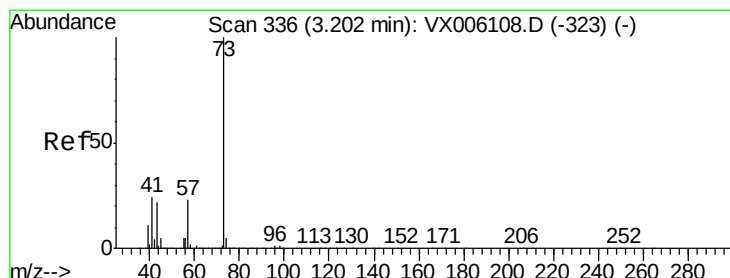
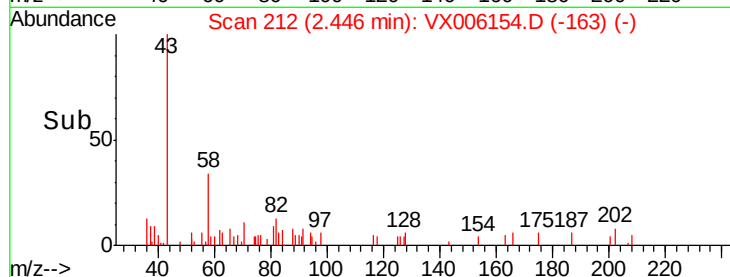
1000

500

0

2.40 2.45 2.50

Time-->



#19

Methyl tert-butyl Ether

Concen: 4.661 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006154.D

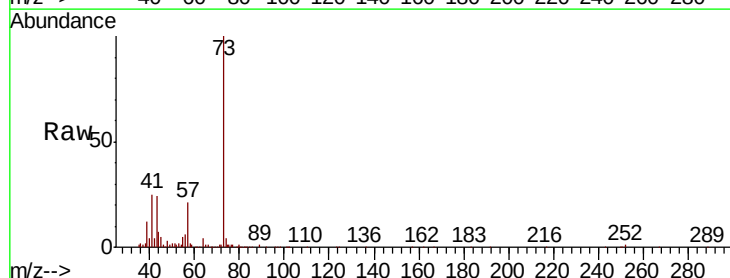
Acq: 22 Nov 2018 05:50

Tgt Ion: 73 Resp: 36899

Ion Ratio Lower Upper

73 100

57 20.5 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

15000

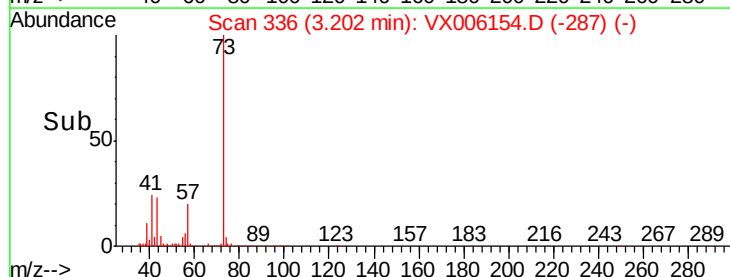
10000

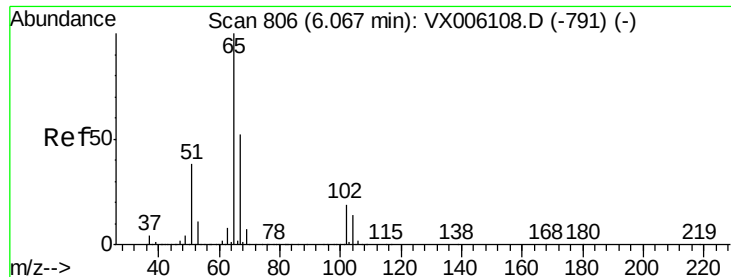
5000

0

3.10 3.20 3.30

Time-->

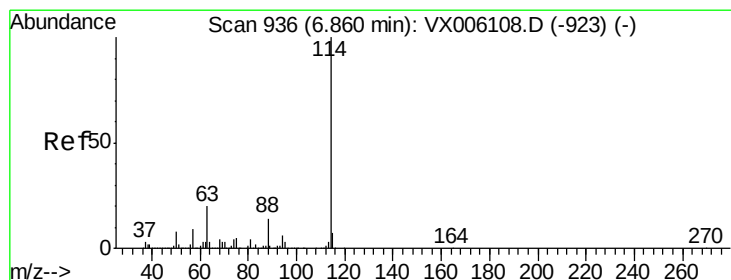
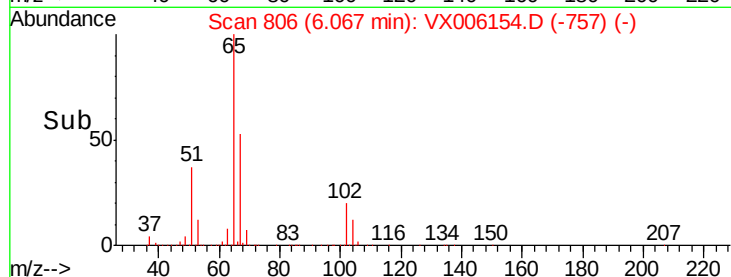
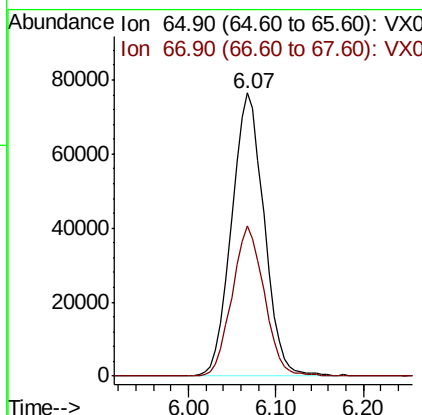
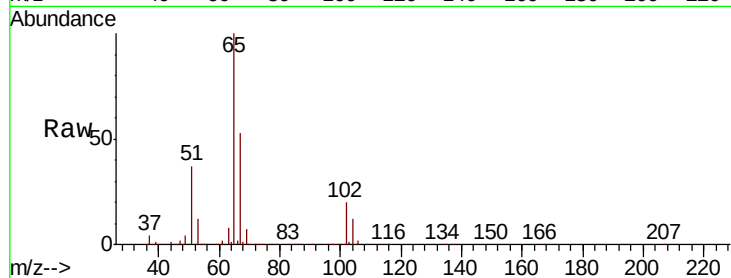




#33
 1,2-Dichloroethane-d4
 Concen: 53.817 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006154.D
 Acq: 22 Nov 2018 05:50

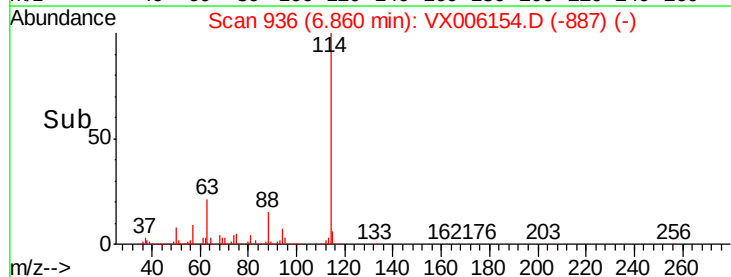
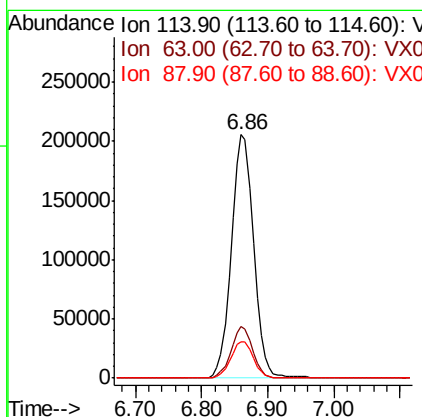
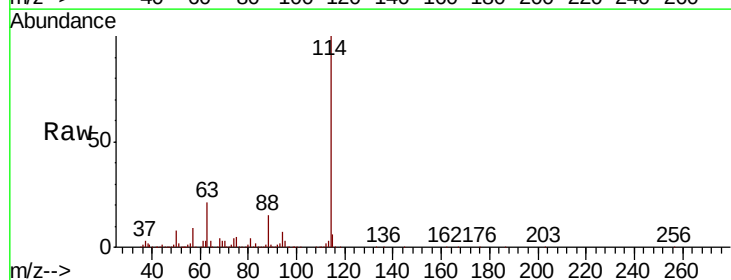
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01

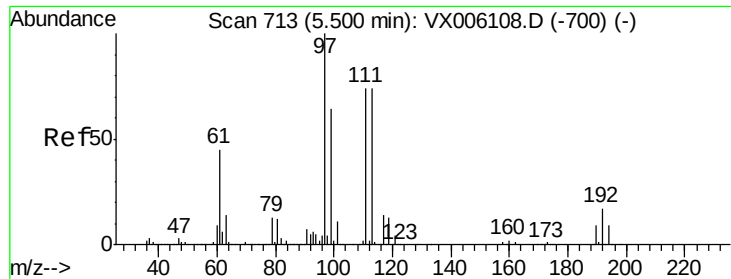
Tot Ion: 65 Resp: 197808
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006154.D
 Acq: 22 Nov 2018 05:50

Tgt Ion: 114 Resp: 480332
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 14.8 0.0 28.6

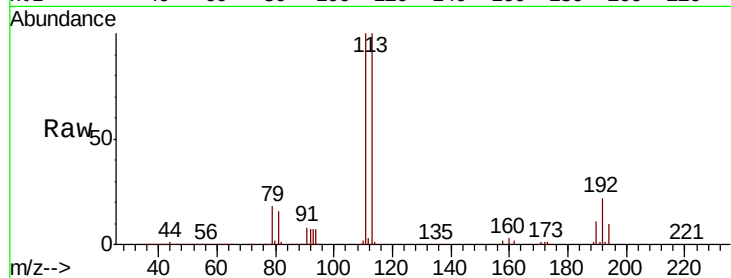




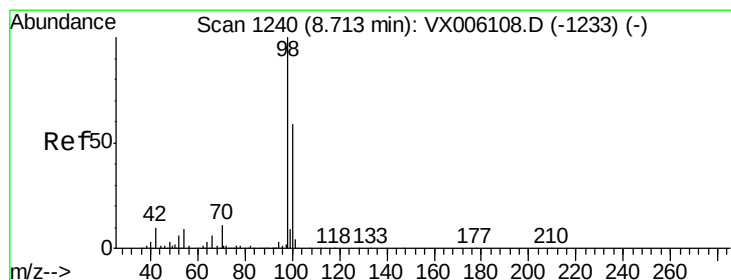
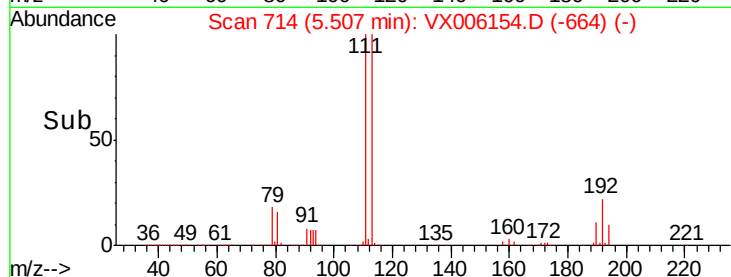
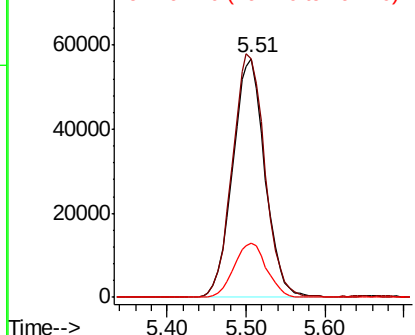
#35
 Dibromofluoromethane
 Concen: 52.124 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006154.D
 Acq: 22 Nov 2018 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01

Tot Ion:113 Resp: 160716
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 23.1 18.6 28.0

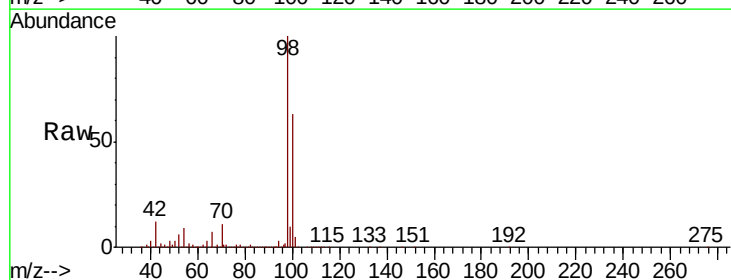


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

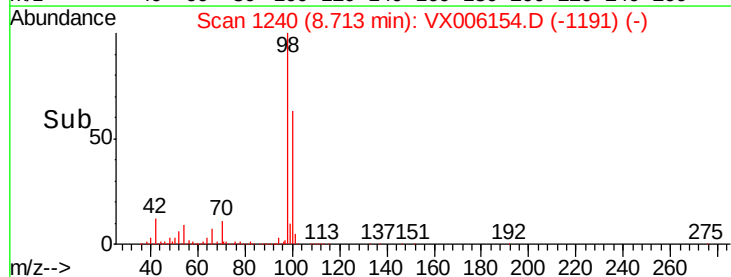
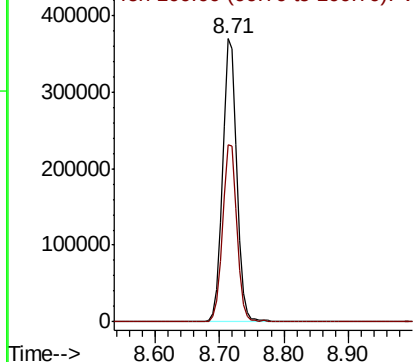


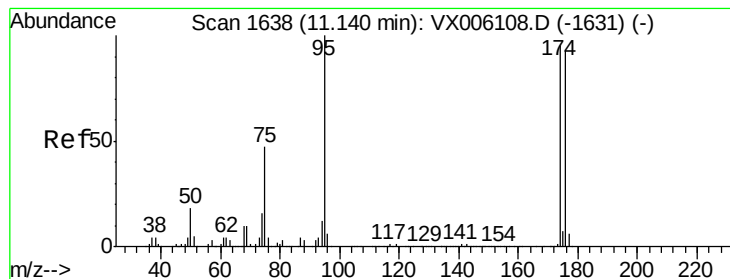
#50
 Toluene-d8
 Concen: 48.999 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006154.D
 Acq: 22 Nov 2018 05:50

Tgt Ion: 98 Resp: 576242
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.779 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006154.D

Acq: 22 Nov 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-01

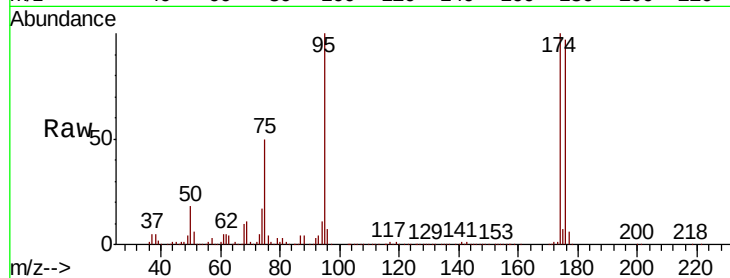
Tot Ion: 95 Resp: 193178

Ion Ratio Lower Upper

95 100

174 95.0 0.0 184.4

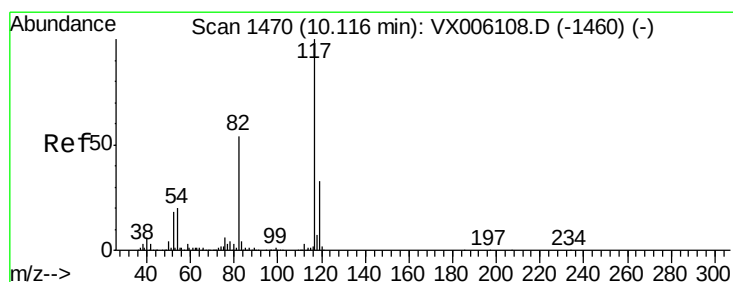
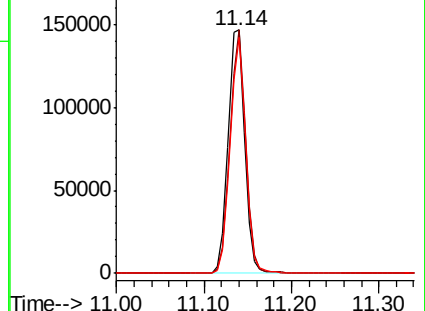
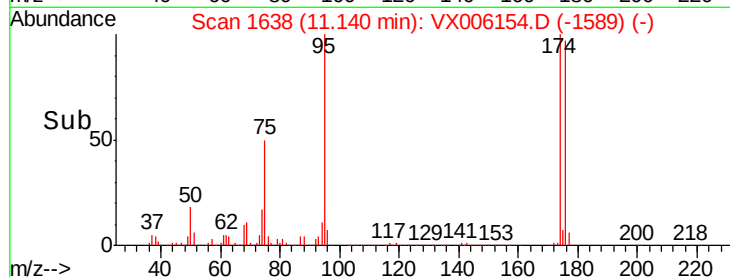
176 91.5 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006108.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006108.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006108.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006154.D

Acq: 22 Nov 2018 05:50

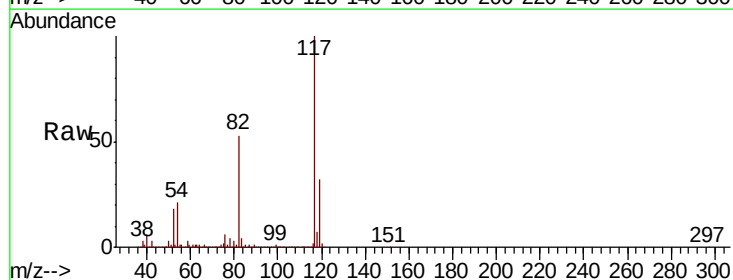
Tgt Ion: 117 Resp: 442738

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

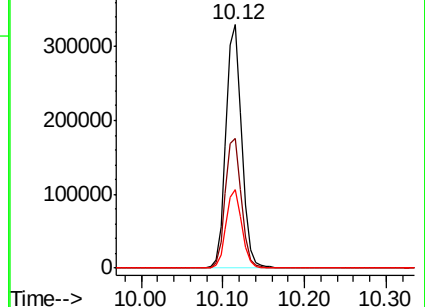
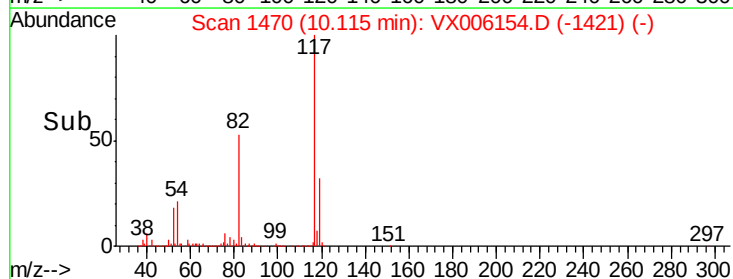
119 32.1 26.1 39.1

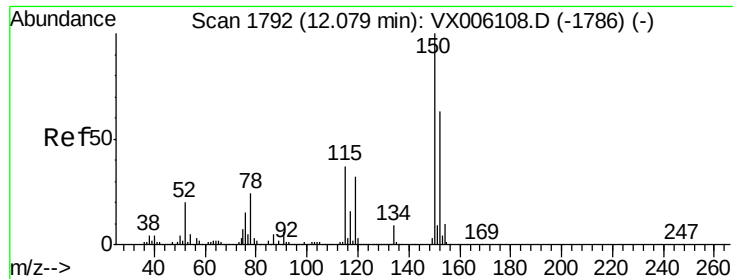


Abundance Ion 116.90 (116.60 to 117.60): VX006108.D (-1460) (-)

Ion 82.00 (81.70 to 82.70): VX006108.D (-1460) (-)

Ion 118.90 (118.60 to 119.60): VX006108.D (-1460) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006154.D

Acq: 22 Nov 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-01

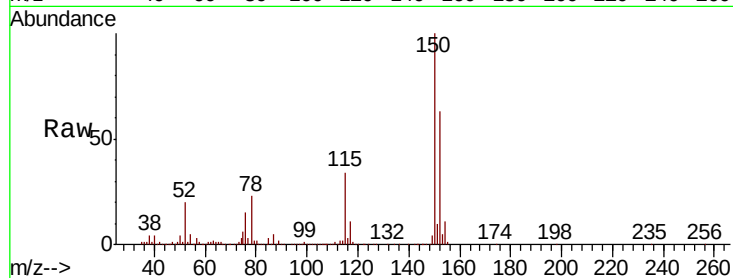
Tot Ion:152 Resp: 217317

Ion Ratio Lower Upper

152 100

115 53.9 39.0 116.9

150 156.6 0.0 346.6



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

