

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006153.D
 Acq On : 22 Nov 2018 05:24
 Operator : JC/MD
 Sample : J6031-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-03

Quant Time: Nov 22 06:38:09 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

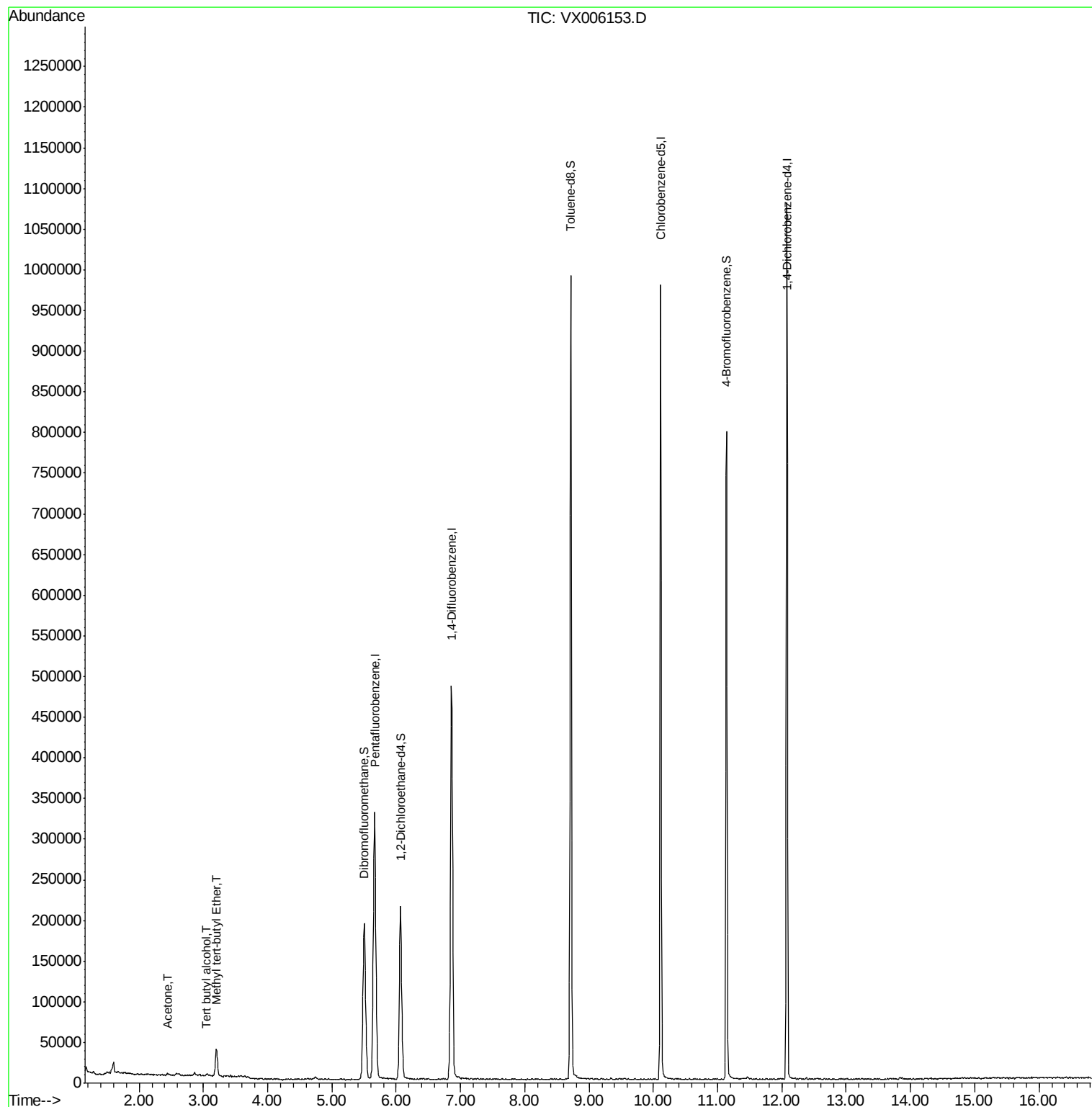
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	321315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	484297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201507	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	5.51	113	163390	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	8.71	98	588497	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	198545	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	3654	4.613	ug/l #	56
16) Acetone	2.44	43	3050	1.846	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	37455	4.670	ug/l	97

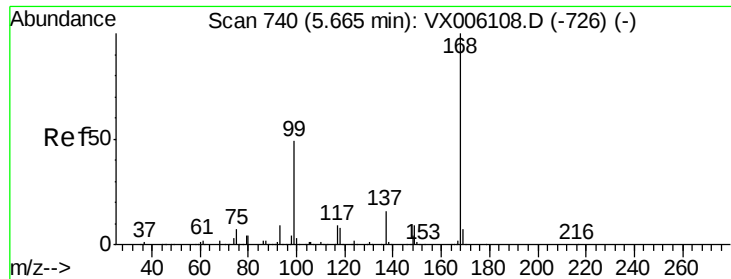
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampled :

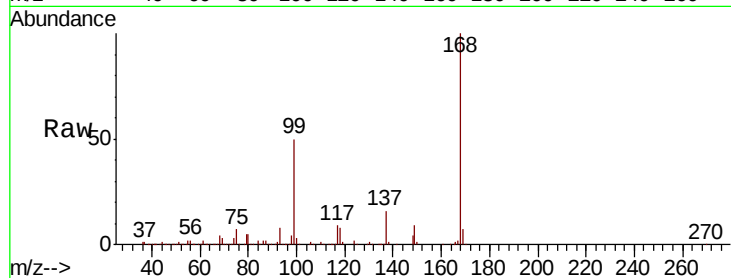
VTW-03

Tot Ion:168 Resp: 321315

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

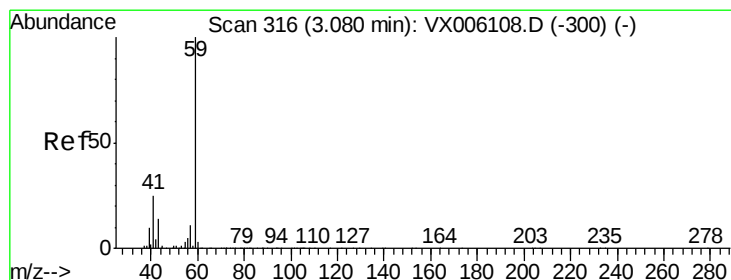
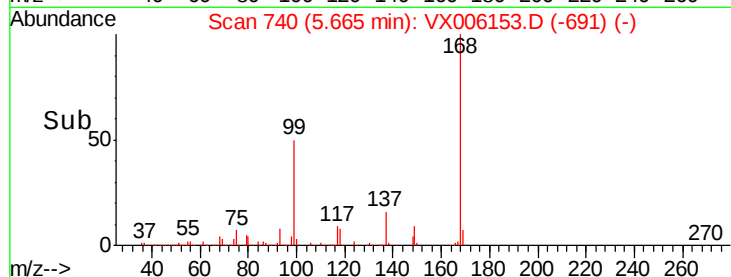
5.66

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.613 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006153.D

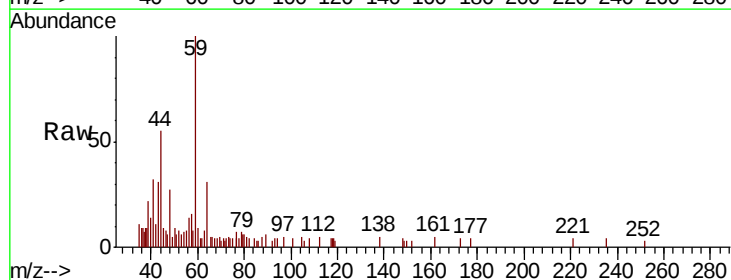
Acq: 22 Nov 2018 05:24

Tgt Ion: 59 Resp: 3654

Ion Ratio Lower Upper

59 100

57 27.4 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2000

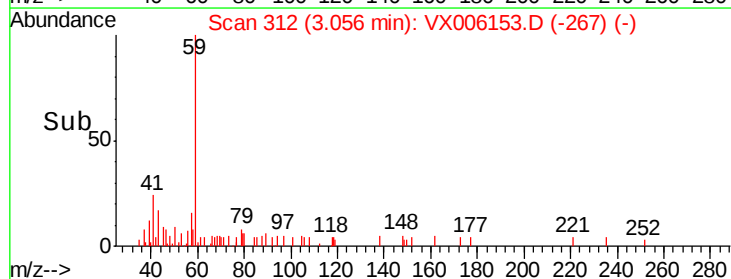
1500

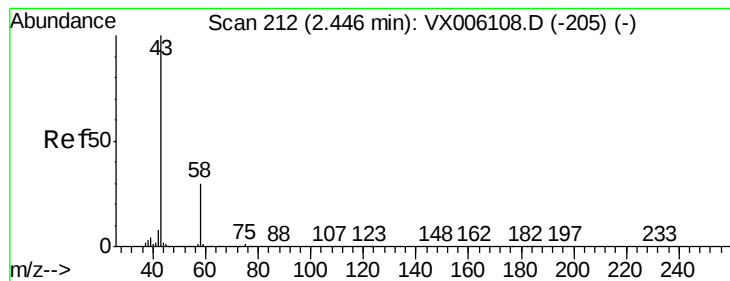
1000

500

0

Time-->





#16

Acetone

Concen: 1.846 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

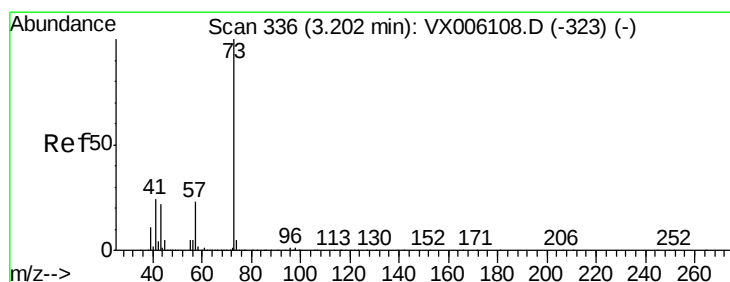
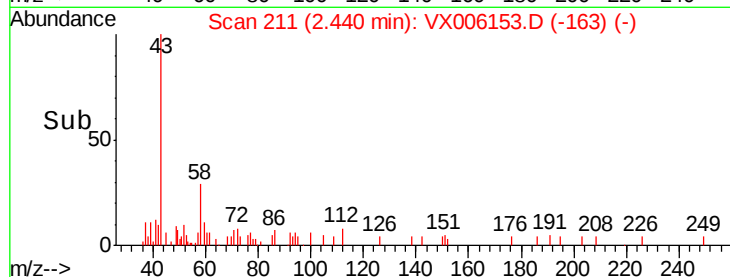
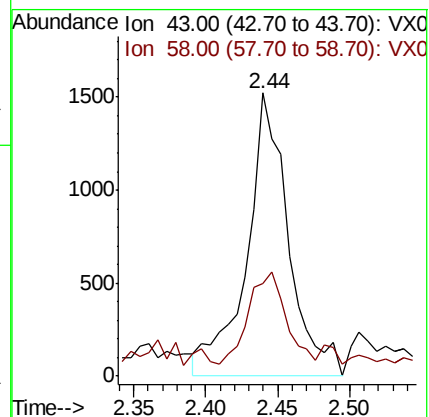
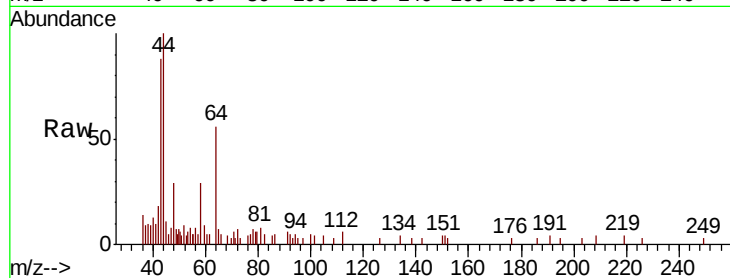
VTW-03

Tot Ion: 43 Resp: 3050

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.8



#19

Methyl tert-butyl Ether

Concen: 4.670 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006153.D

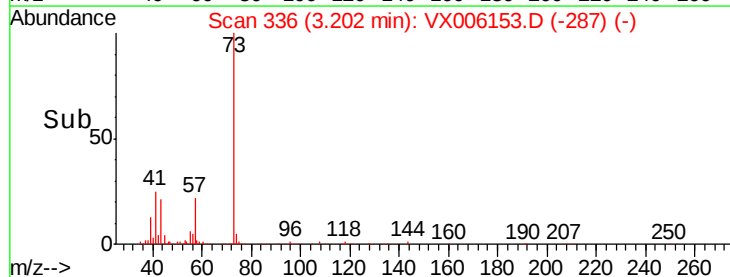
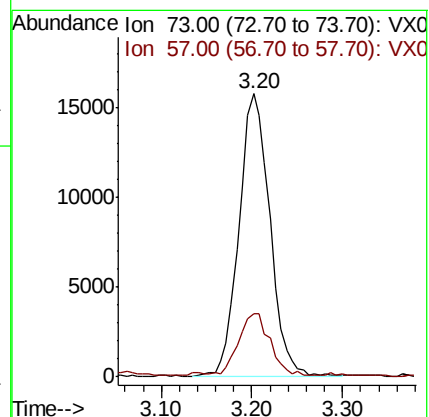
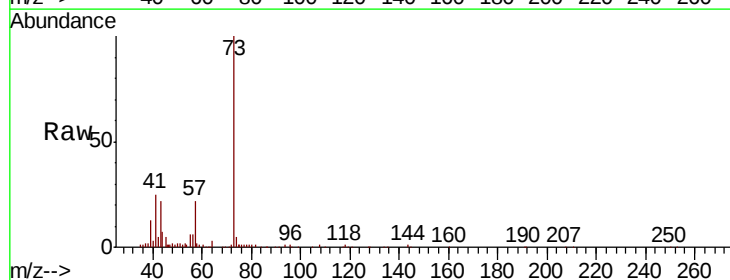
Acq: 22 Nov 2018 05:24

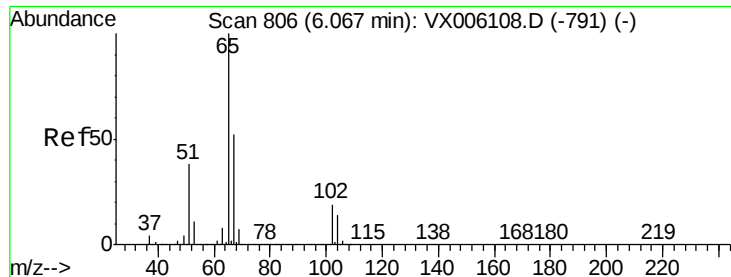
Tgt Ion: 73 Resp: 37455

Ion Ratio Lower Upper

73 100

57 21.2 18.2 27.4





#33

1,2-Dichloroethane-d4

Concen: 54.122 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

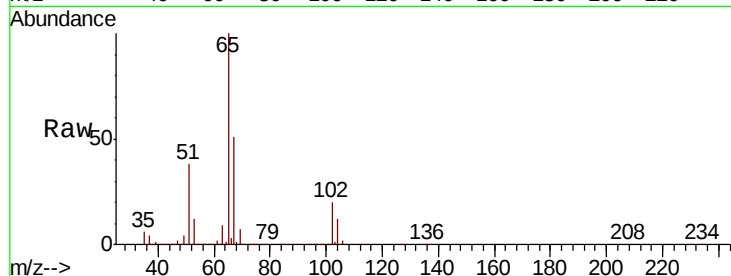
VTW-03

Tot Ion: 65 Resp: 201507

Ion Ratio Lower Upper

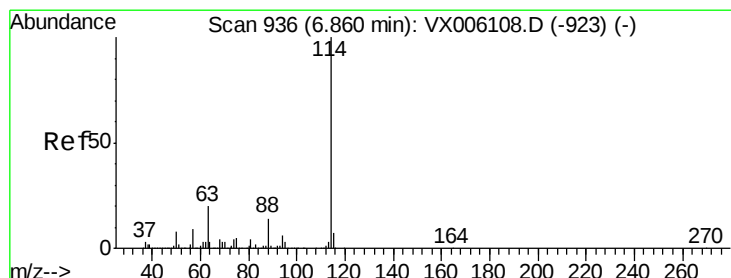
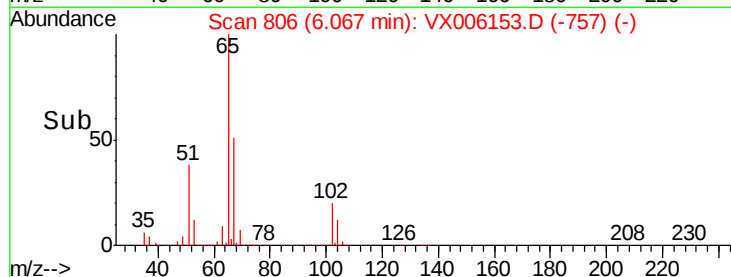
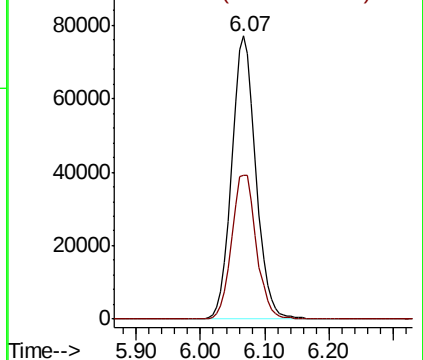
65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

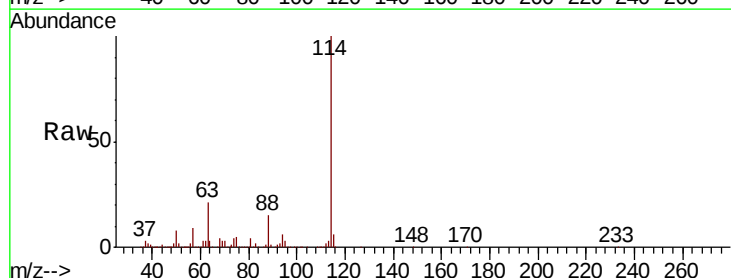
Tgt Ion: 114 Resp: 484297

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

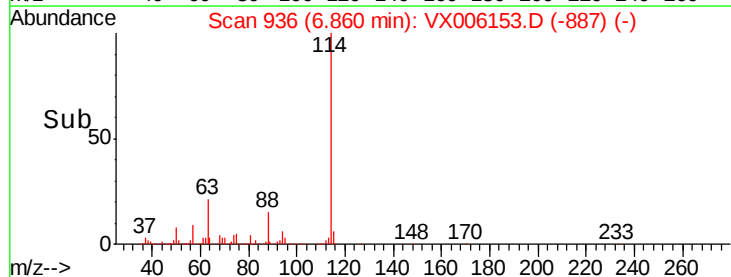
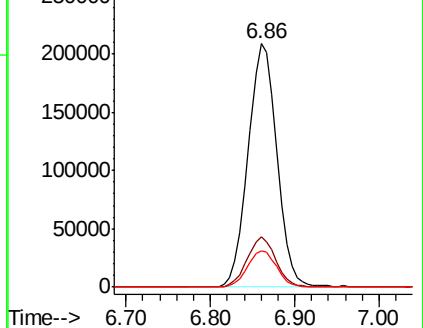
88 15.1 0.0 28.6

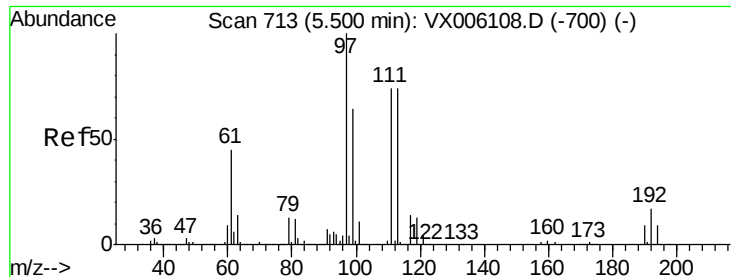


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.557 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

VTW-03

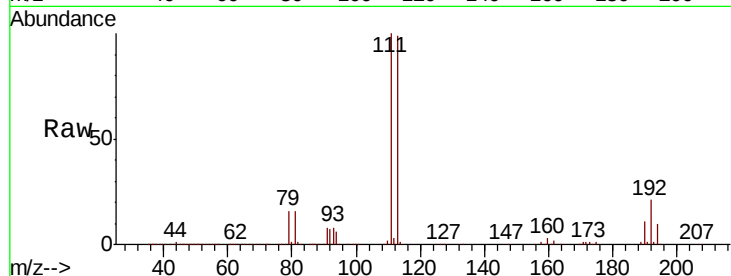
Tot Ion:113 Resp: 163390

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

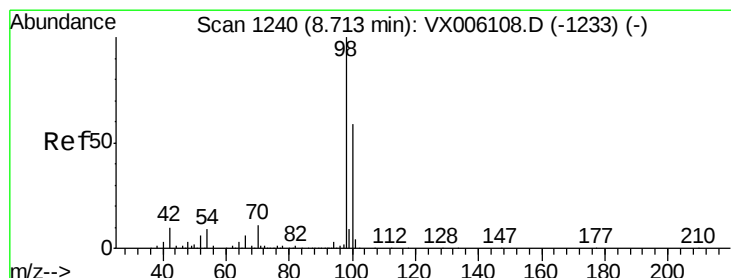
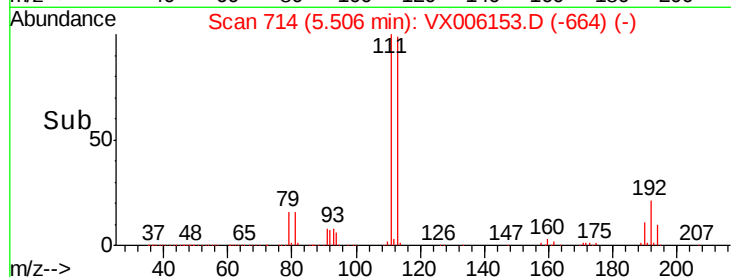
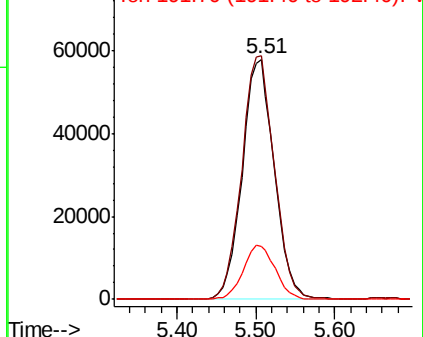
192 22.7 18.6 28.0



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: 49.631 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006153.D

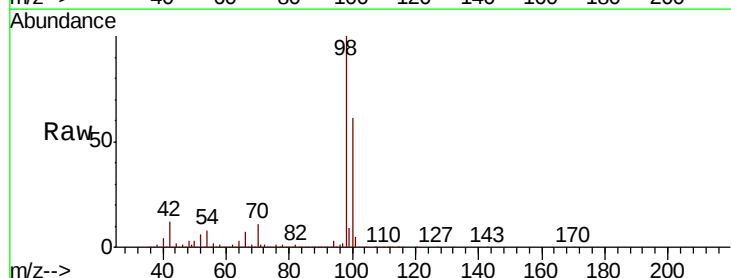
Acq: 22 Nov 2018 05:24

Tgt Ion: 98 Resp: 588497

Ion Ratio Lower Upper

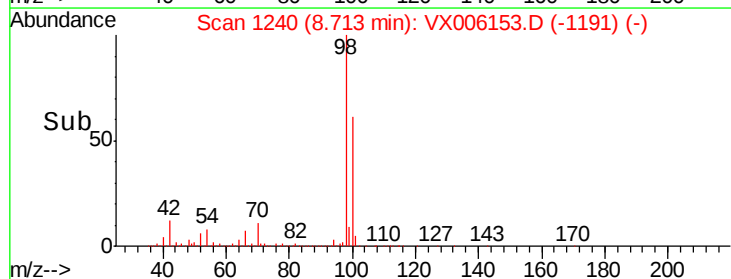
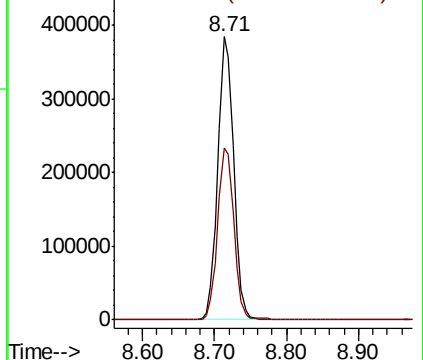
98 100

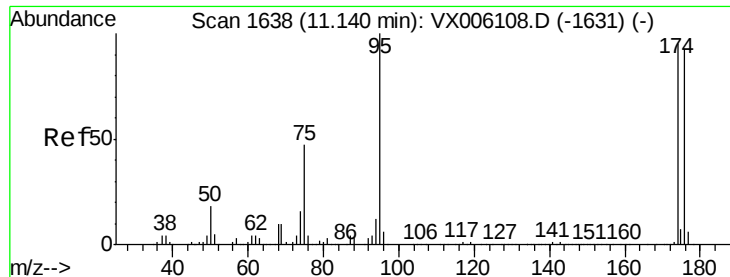
100 62.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.627 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

VTW-03

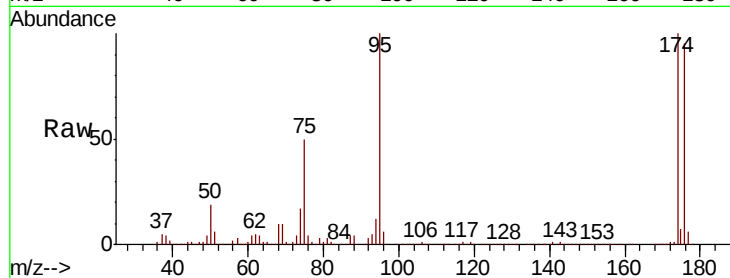
Tot Ion: 95 Resp: 198545

Ion Ratio Lower Upper

95 100

174 93.8 0.0 184.4

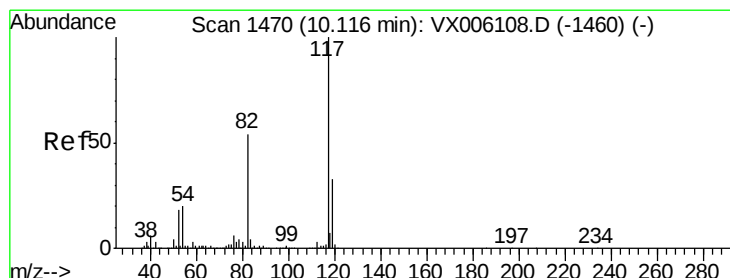
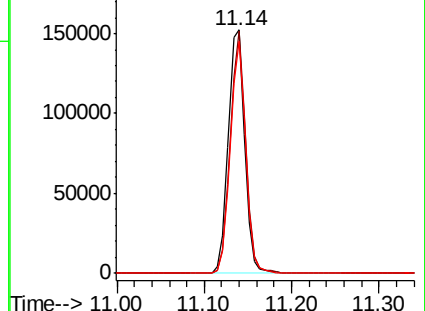
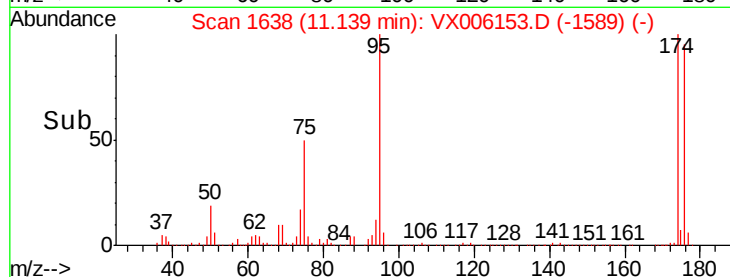
176 89.8 0.0 179.0



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: VX006153.D

Acq: 22 Nov 2018 05:24

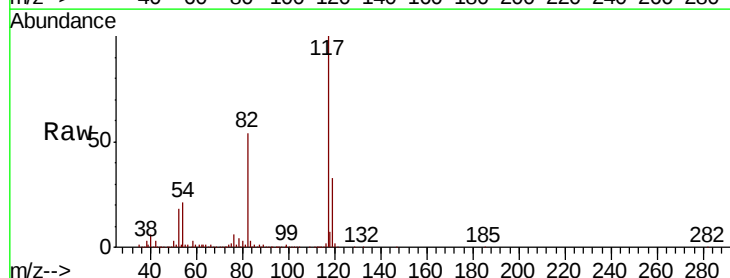
Tgt Ion: 117 Resp: 447525

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

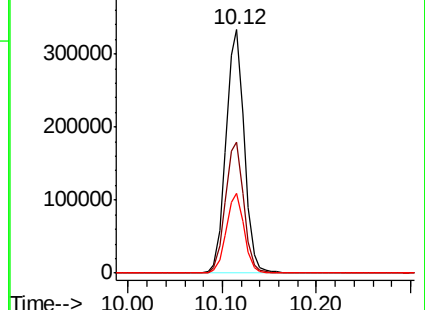
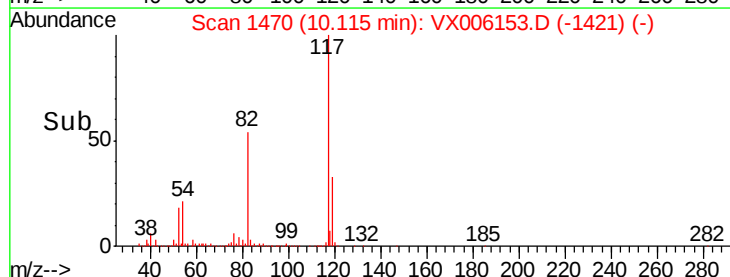
119 32.6 26.1 39.1

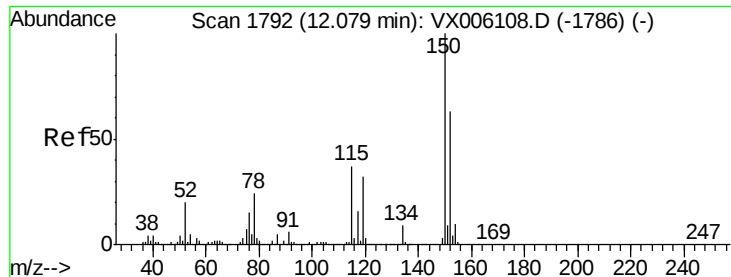


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006153.D

Acq: 22 Nov 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

VTW-03

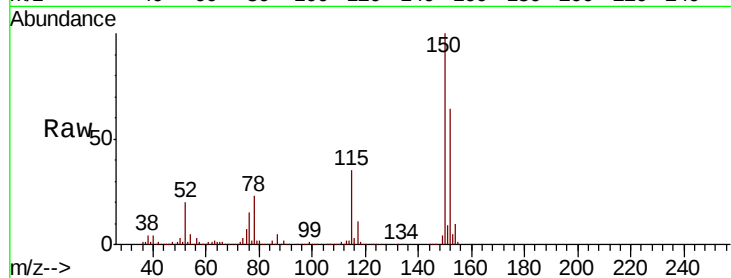
Tot Ion:152 Resp: 224237

Ion Ratio Lower Upper

152 100

115 54.6 39.0 116.9

150 154.1 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

