

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010046.D
 Acq On : 03 Jun 2019 19:08
 Operator : JC/SP
 Sample : K3165-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13869

Quant Time: Jun 04 05:19:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

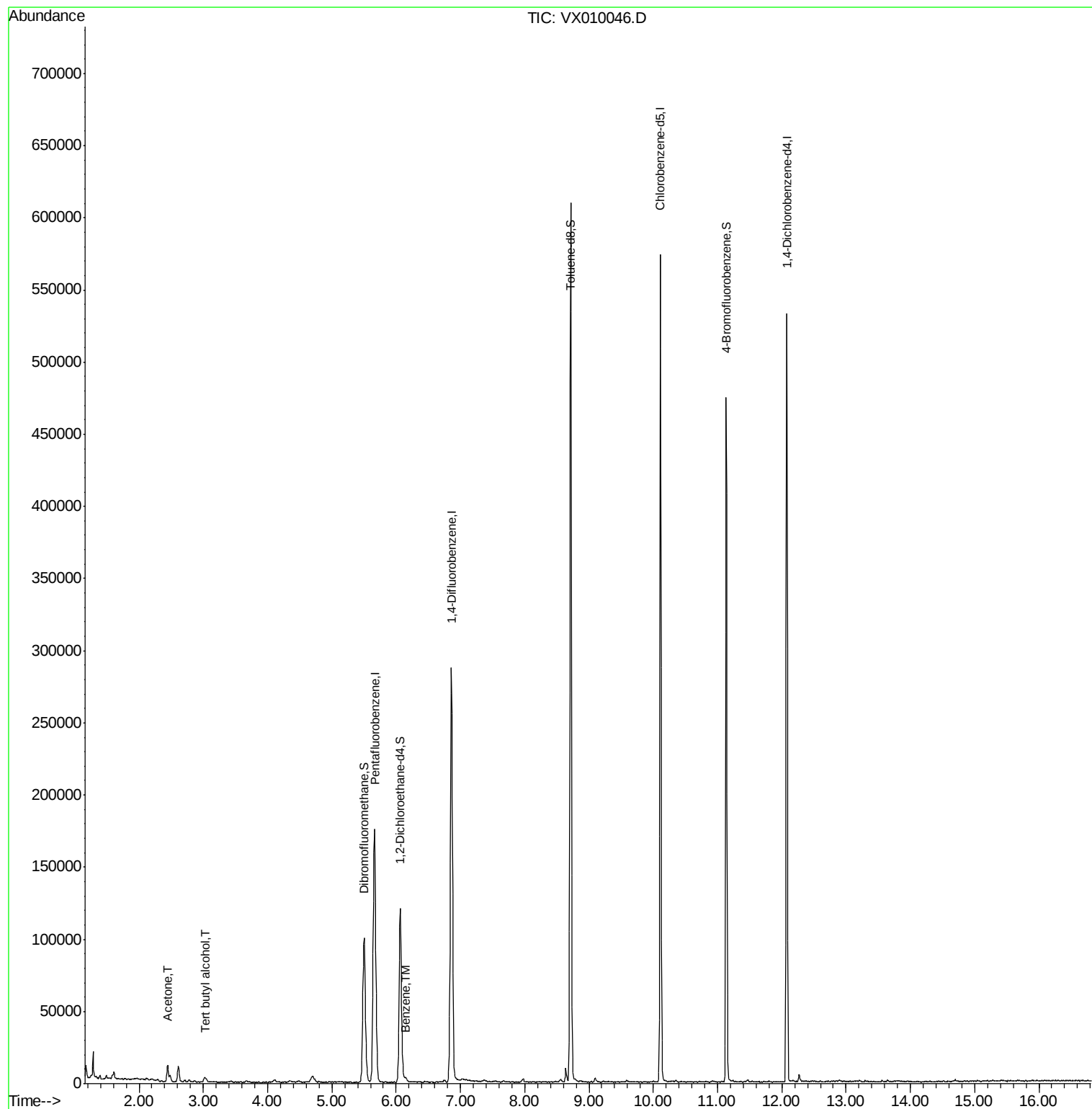
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113273	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
35) Dibromofluoromethane	5.50	113	84466	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	351985	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	118478	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	3430	5.682	ug/l	99
16) Acetone	2.44	43	12735	8.986	ug/l	97
40) Benzene	6.15	78	2746	0.331	ug/l	91

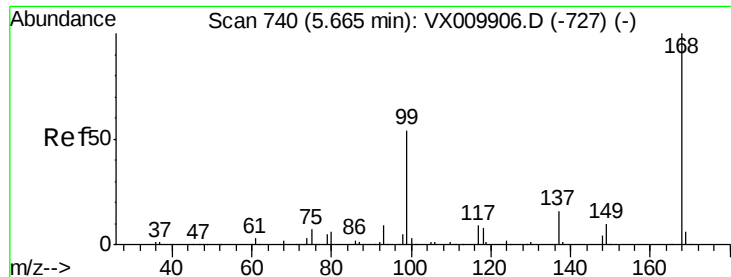
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010046.D

Acq: 03 Jun 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

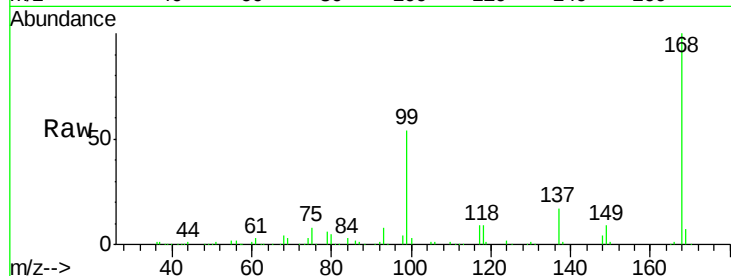
13869

Tot Ion:168 Resp: 173642

Ion Ratio Lower Upper

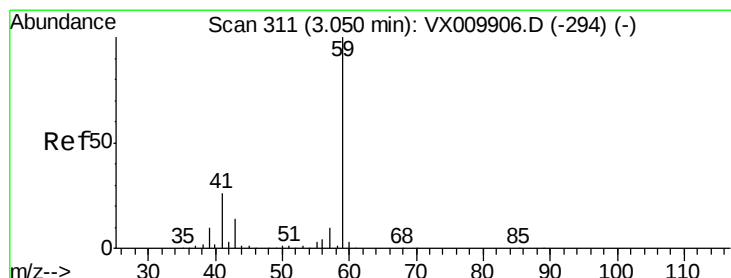
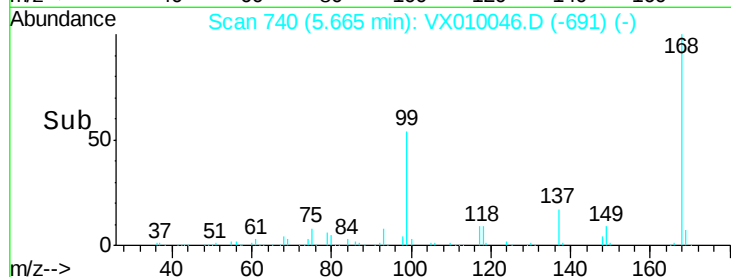
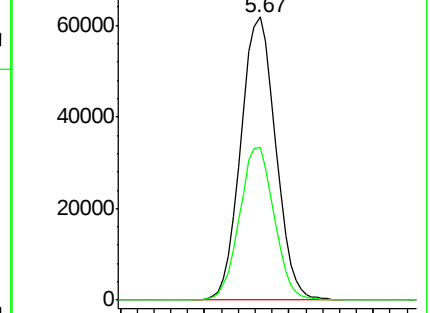
168 100

99 54.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.682 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010046.D

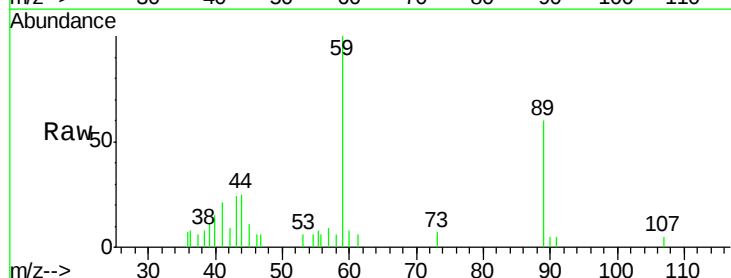
Acq: 03 Jun 2019 19:08

Tgt Ion: 59 Resp: 3430

Ion Ratio Lower Upper

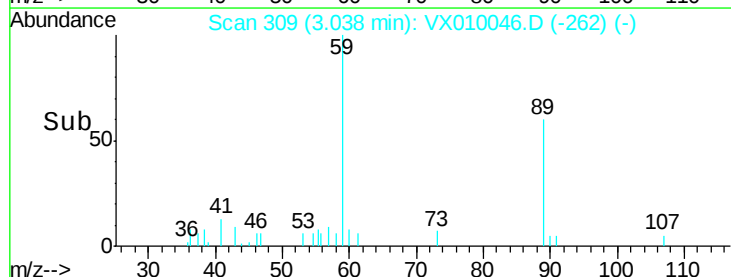
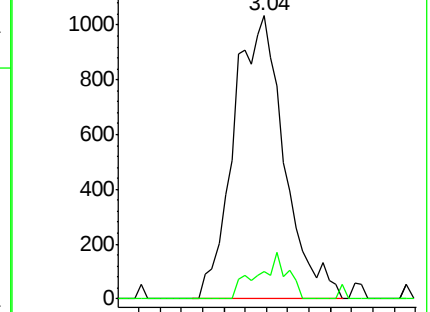
59 100

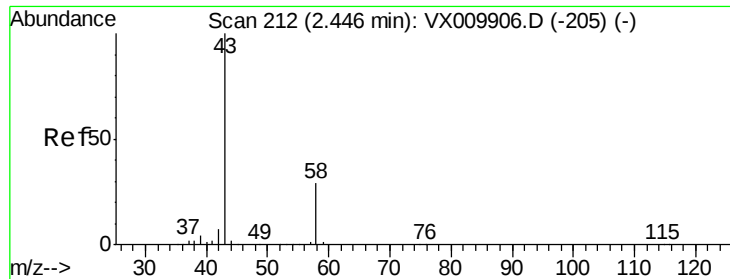
57 9.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 8.986 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010046.D

Acq: 03 Jun 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

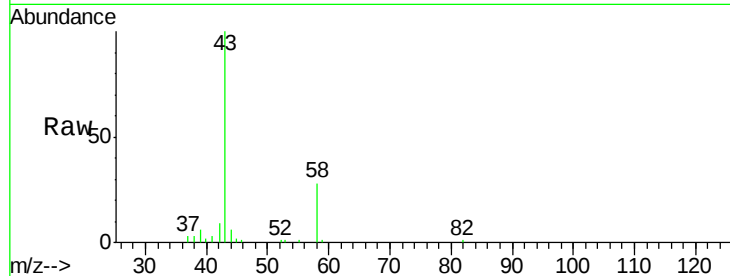
13869

Tot Ion: 43 Resp: 12735

Ion Ratio Lower Upper

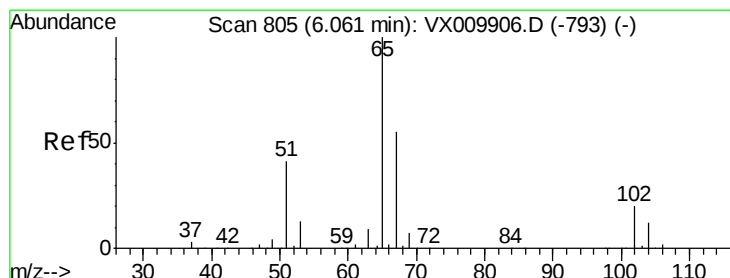
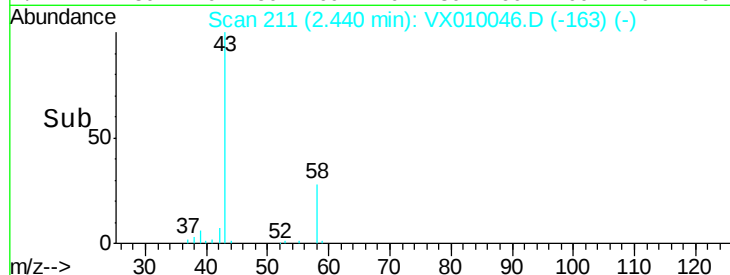
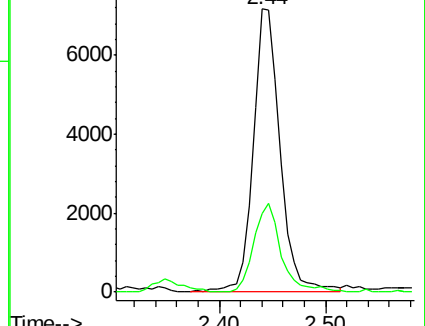
43 100

58 27.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.180 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010046.D

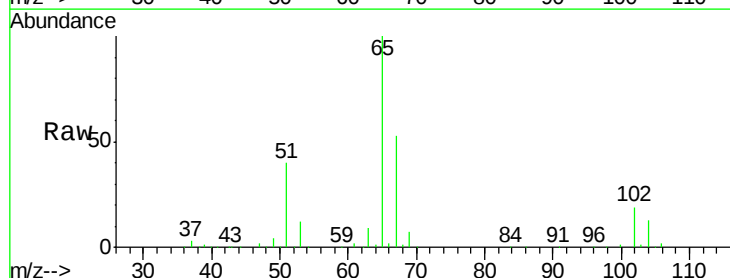
Acq: 03 Jun 2019 19:08

Tgt Ion: 65 Resp: 113273

Ion Ratio Lower Upper

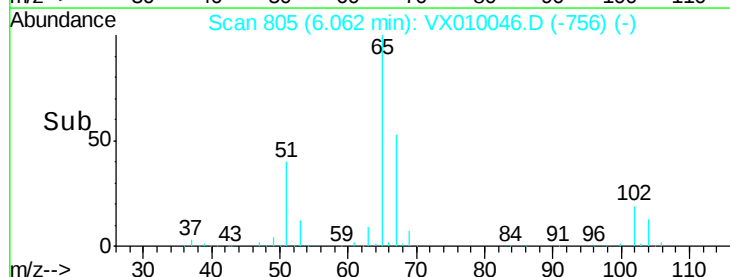
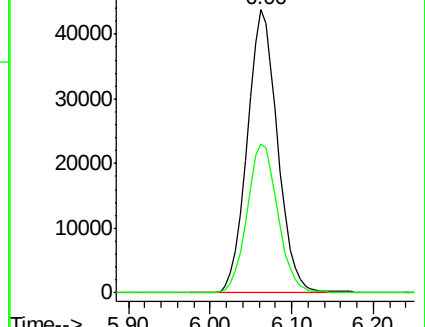
65 100

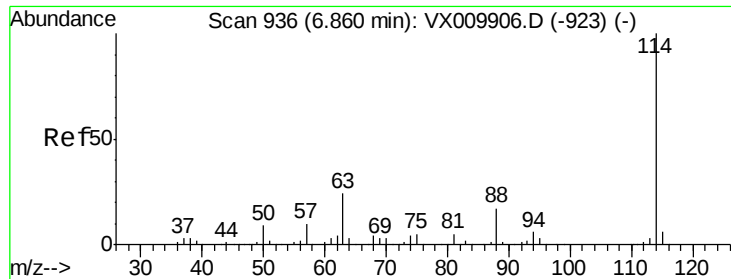
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

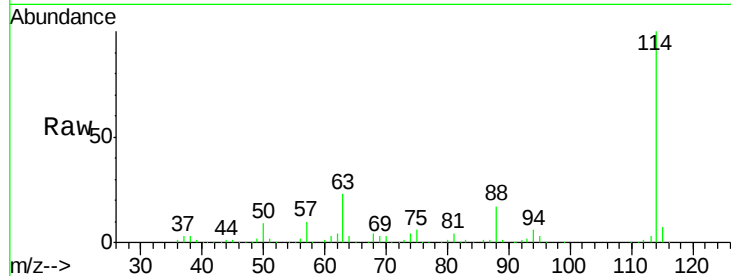




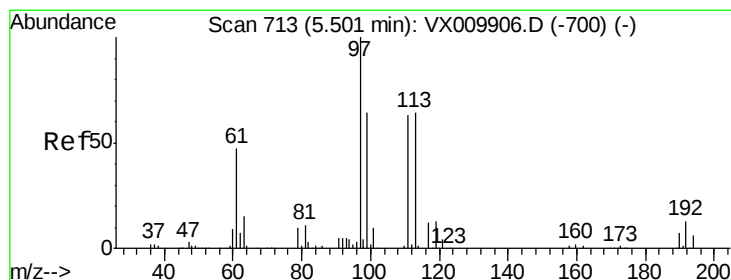
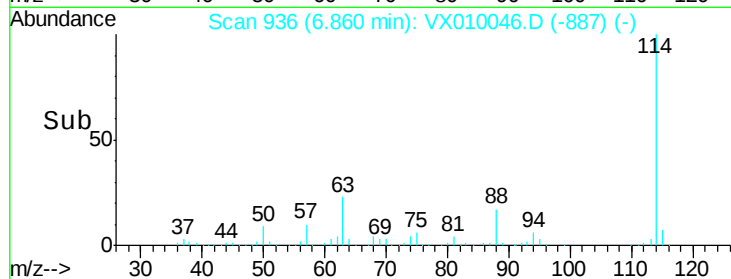
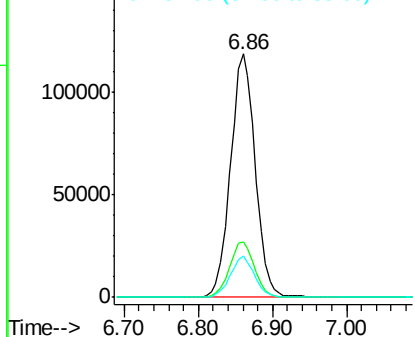
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010046.D
Acq: 03 Jun 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
13869

Tot Ion:114 Resp: 275705
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.4
88 16.8 0.0 33.0

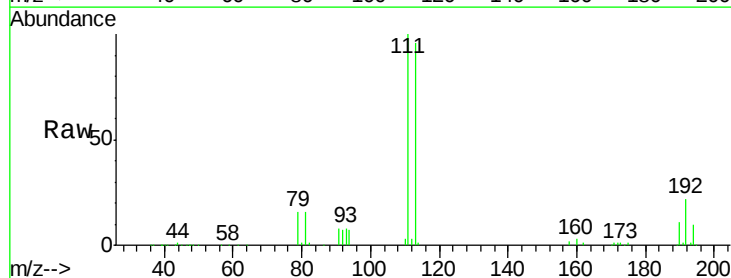


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

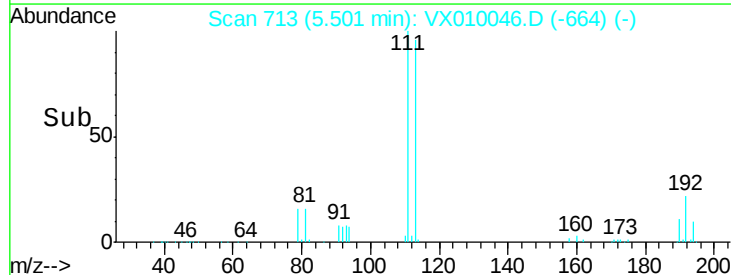
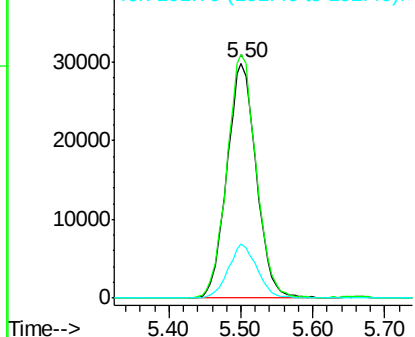


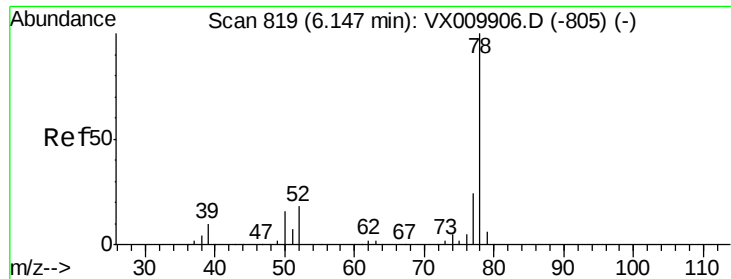
#35
Dibromofluoromethane
Concen: 48.730 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010046.D
Acq: 03 Jun 2019 19:08

Tgt Ion:113 Resp: 84466
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 22.6 17.1 25.7



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





#40

Benzene

Concen: 0.331 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX010046.D

Acq: 03 Jun 2019 19:08

Instrument :

MSVOA_X

ClientSampled :

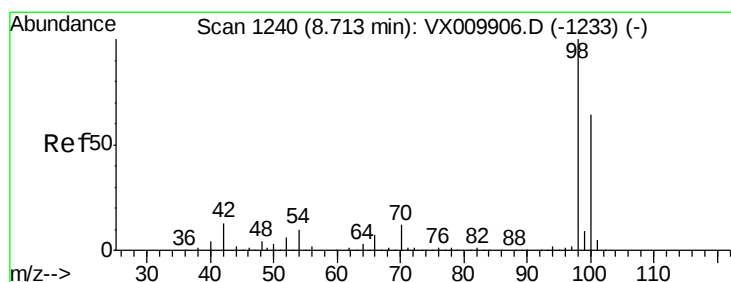
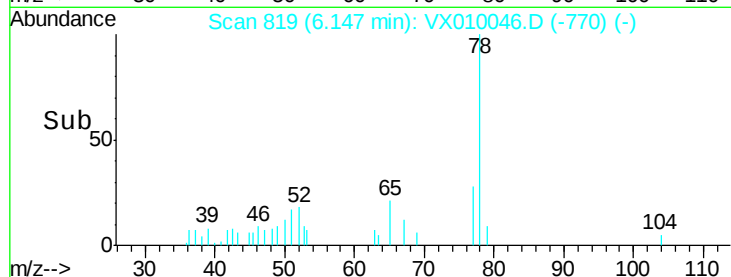
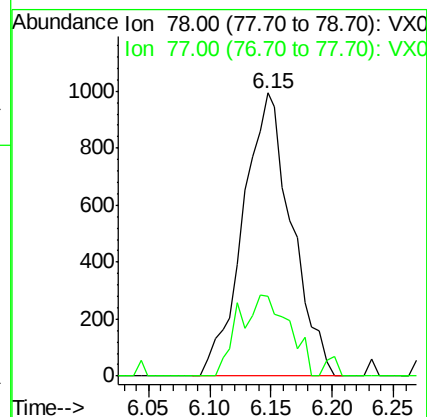
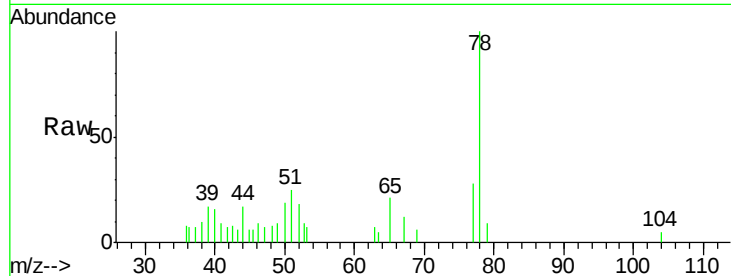
13869

Tot Ion: 78 Resp: 2746

Ion Ratio Lower Upper

78 100

77 28.2 19.2 28.8



#50

Toluene-d8

Concen: 50.006 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010046.D

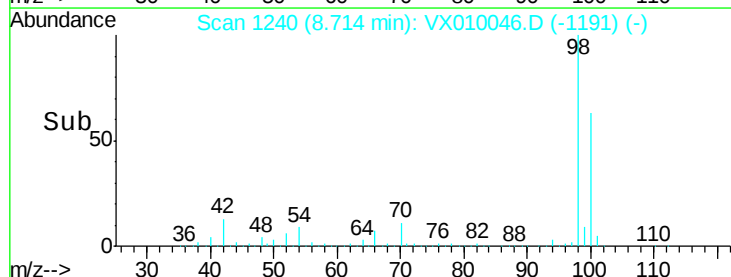
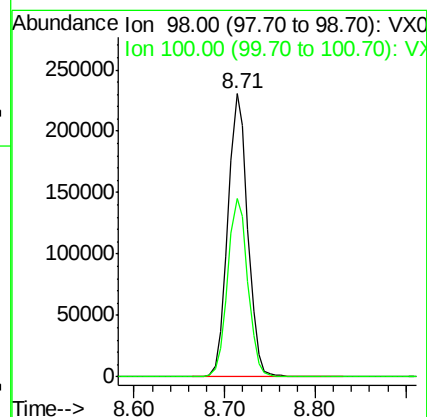
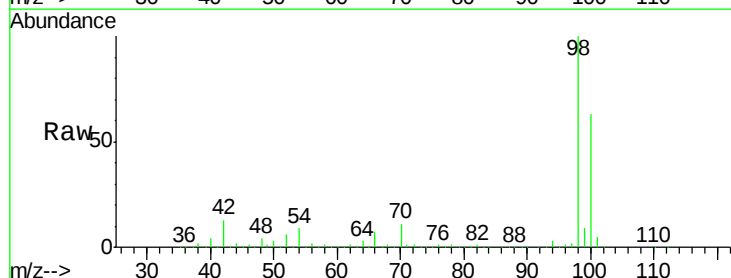
Acq: 03 Jun 2019 19:08

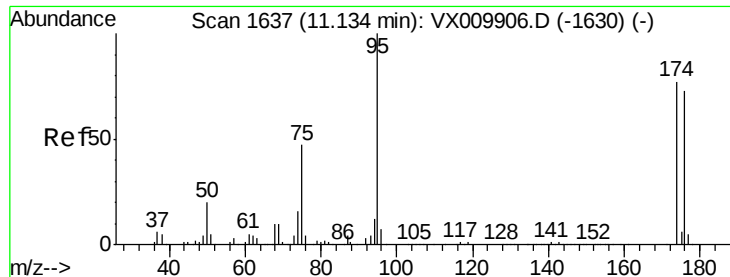
Tgt Ion: 98 Resp: 351985

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.862 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010046.D

Acq: 03 Jun 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

13869

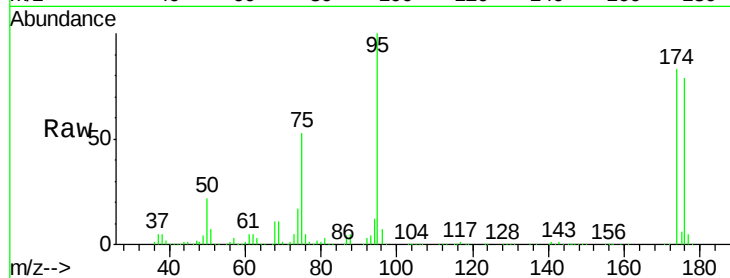
Tot Ion: 95 Resp: 118478

Ion Ratio Lower Upper

95 100

174 85.3 0.0 160.4

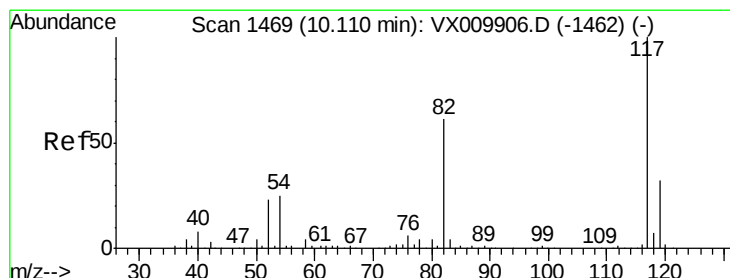
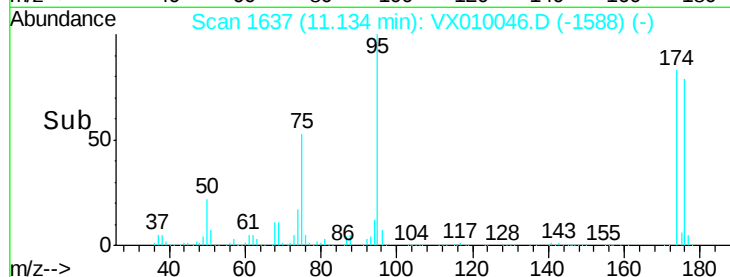
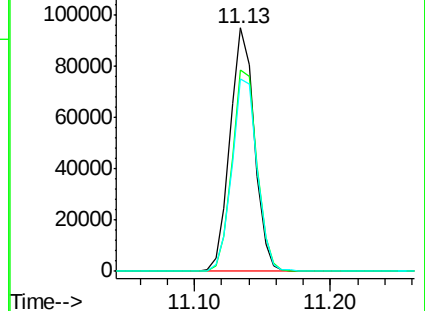
176 81.9 0.0 154.6



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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010046.D

Acq: 03 Jun 2019 19:08

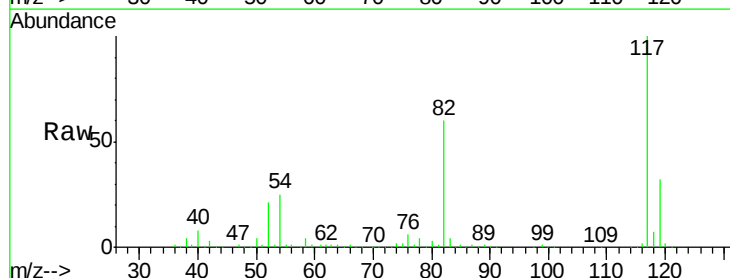
Tgt Ion: 117 Resp: 250530

Ion Ratio Lower Upper

117 100

82 60.0 49.2 73.8

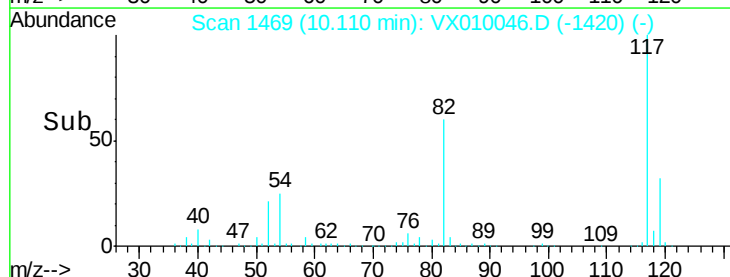
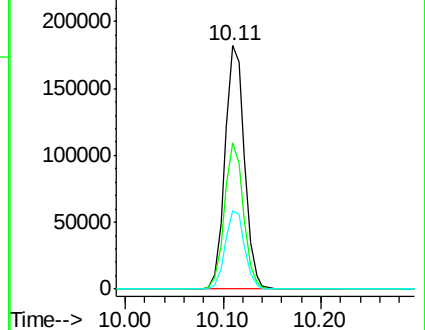
119 32.4 25.2 37.8

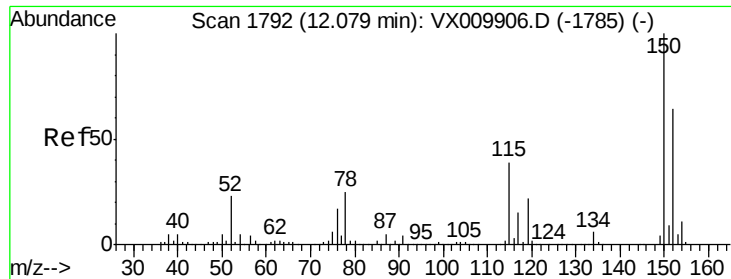


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX010046.D

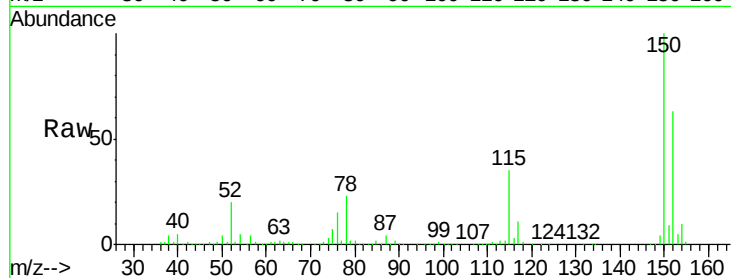
Acq: 03 Jun 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

13869



Tot Ion:152 Resp: 112473

Ion Ratio Lower Upper

152 100

115 58.4 41.4 124.2

150 157.6 0.0 345.2

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

