

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010418.D
 Acq On : 24 Jun 2019 17:47
 Operator : JC/SP
 Sample : K3155-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B13

Quant Time: Jun 25 04:28:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

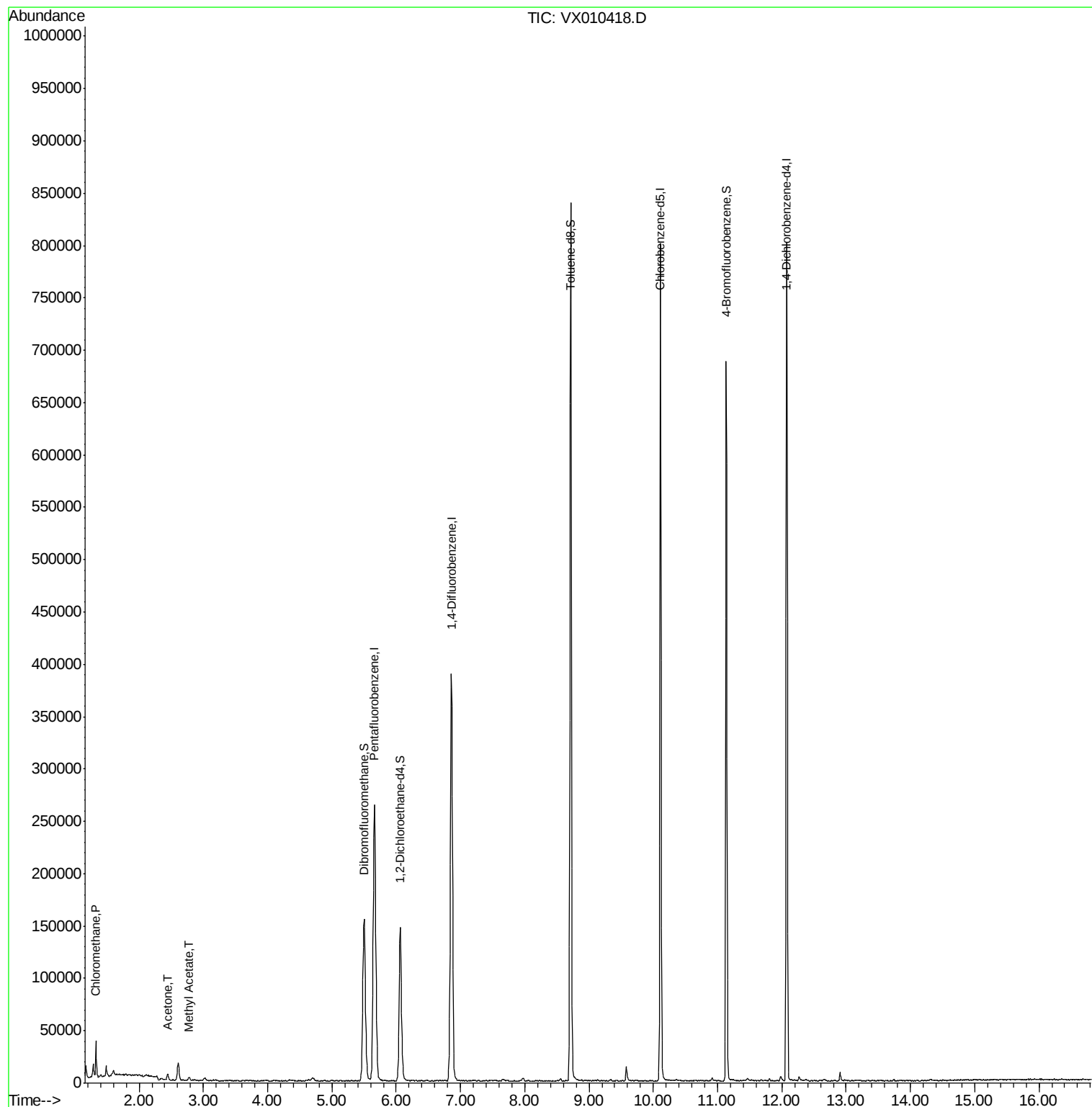
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	132551	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	131456	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	512269	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	172072	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
3) Chloromethane	1.33	50	21750	9.558	ug/l	98
16) Acetone	2.45	43	6152	4.658	ug/l	99
18) Methyl Acetate	2.77	43	3612	1.372	ug/l #	85

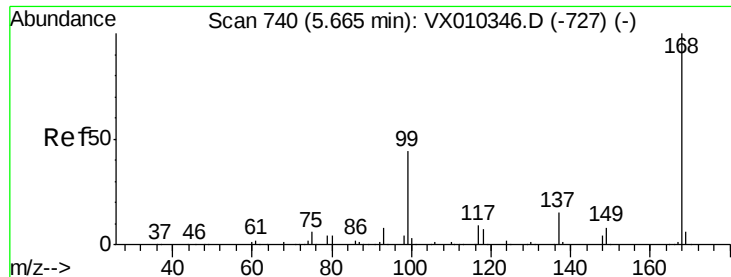
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_X

ClientSampleId :

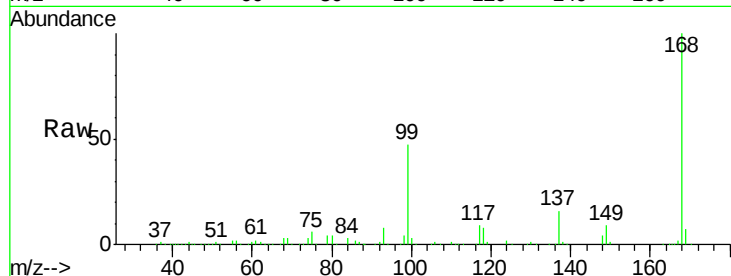
BAT-B13

Tot Ion:168 Resp: 281091

Ion Ratio Lower Upper

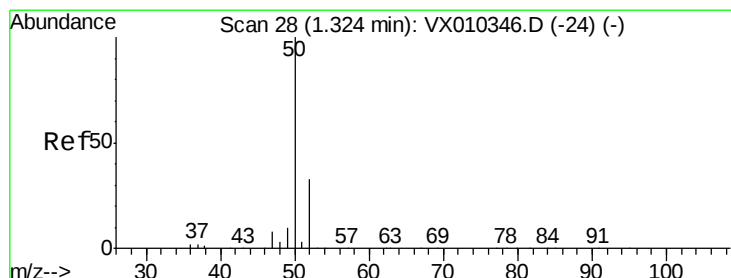
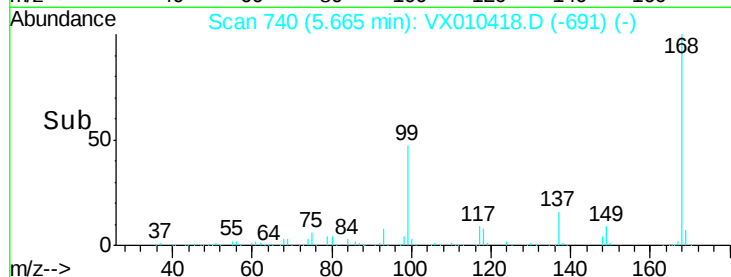
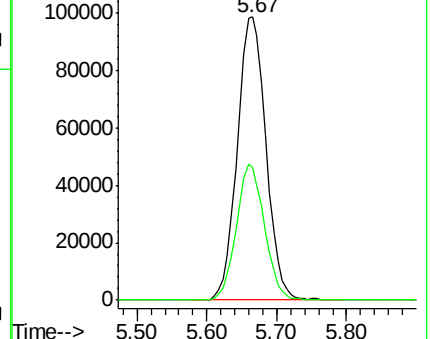
168 100

99 46.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 9.558 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010418.D

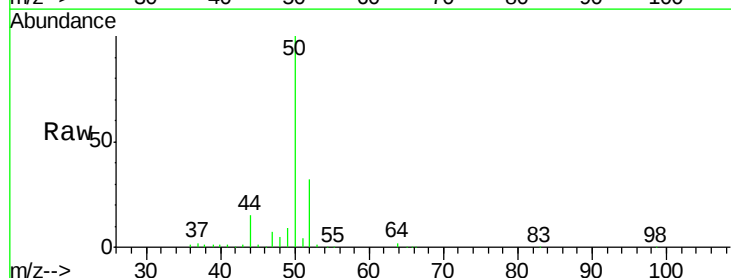
Acq: 24 Jun 2019 17:47

Tgt Ion: 50 Resp: 21750

Ion Ratio Lower Upper

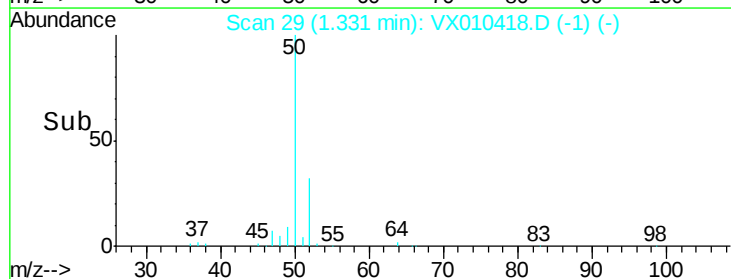
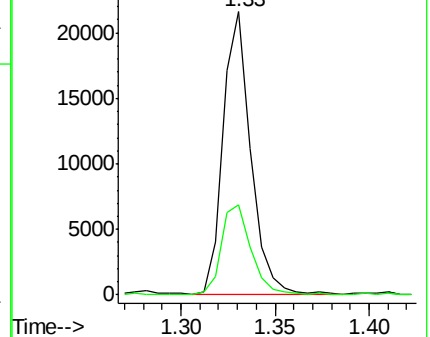
50 100

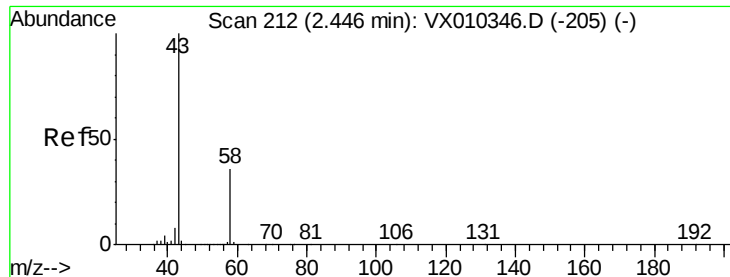
52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 4.658 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010418.D

Acq: 24 Jun 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

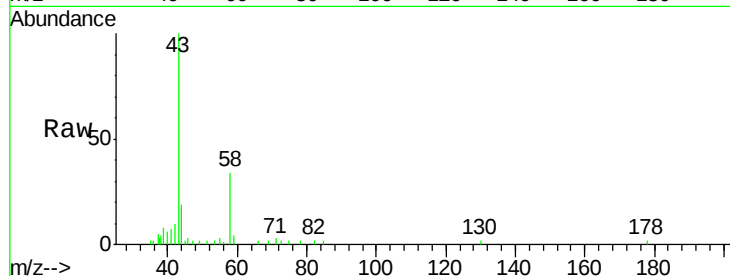
BAT-B13

Tot Ion: 43 Resp: 6152

Ion Ratio Lower Upper

43 100

58 35.2 28.9 43.3

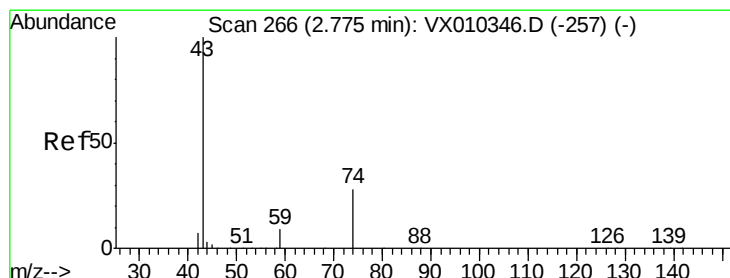
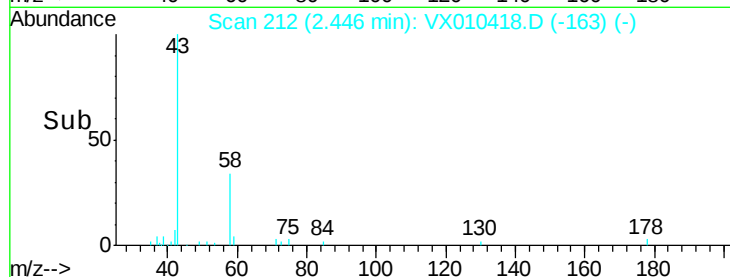


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time--> 2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 1.372 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010418.D

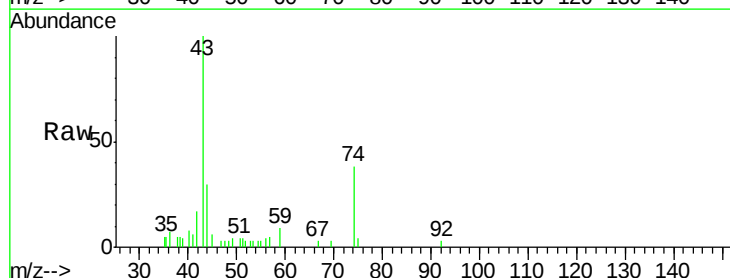
Acq: 24 Jun 2019 17:47

Tgt Ion: 43 Resp: 3612

Ion Ratio Lower Upper

43 100

74 34.1 21.3 31.9#

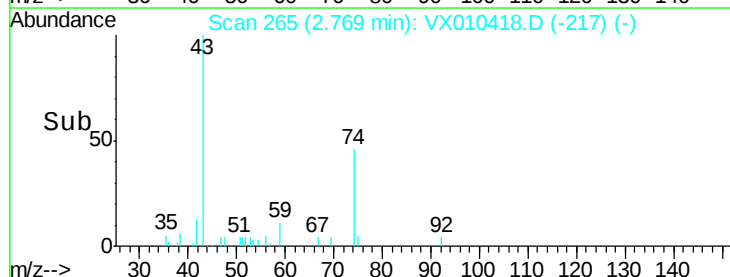


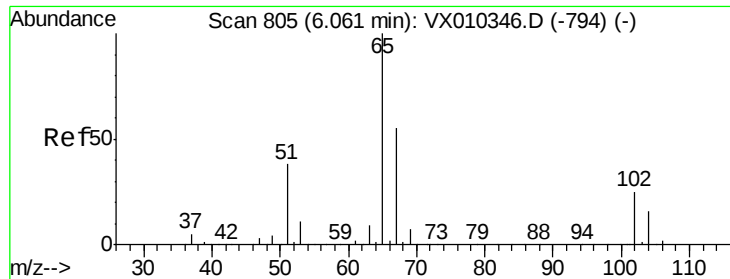
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

Time--> 2.70 2.75 2.80 2.85





#33

1,2-Dichloroethane-d4

Concen: 50.294 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010418.D

Acq: 24 Jun 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

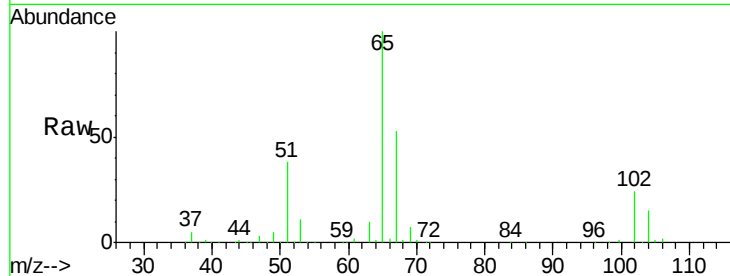
BAT-B13

Tot Ion: 65 Resp: 132551

Ion Ratio Lower Upper

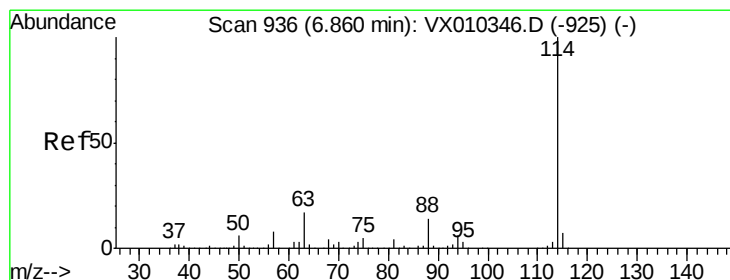
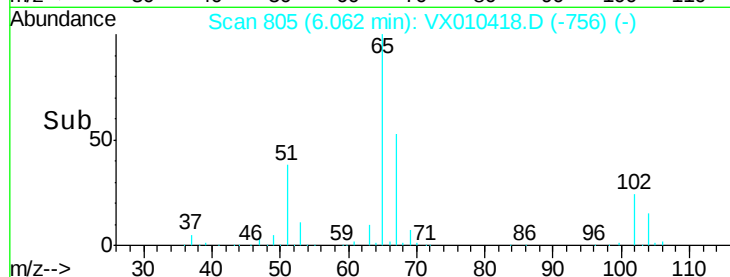
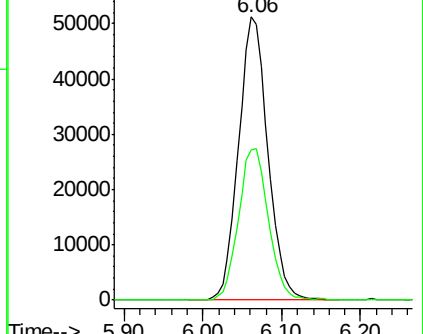
65 100

67 54.9 0.0 110.2



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: VX010418.D

Acq: 24 Jun 2019 17:47

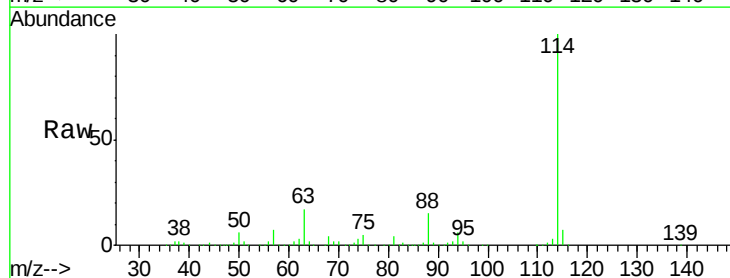
Tgt Ion: 114 Resp: 431520

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

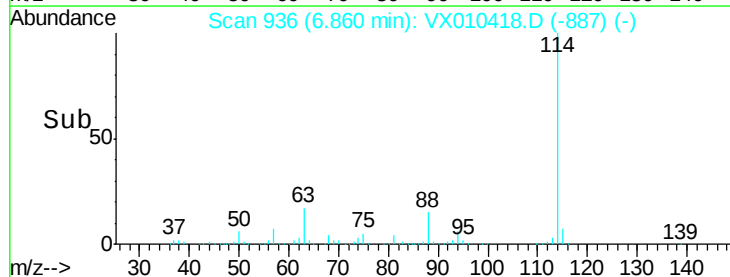
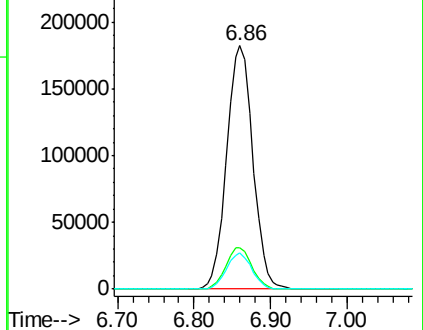
88 14.7 0.0 27.6

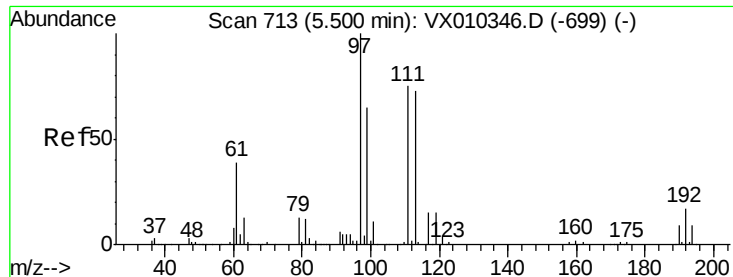


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.790 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010418.D

Acq: 24 Jun 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

BAT-B13

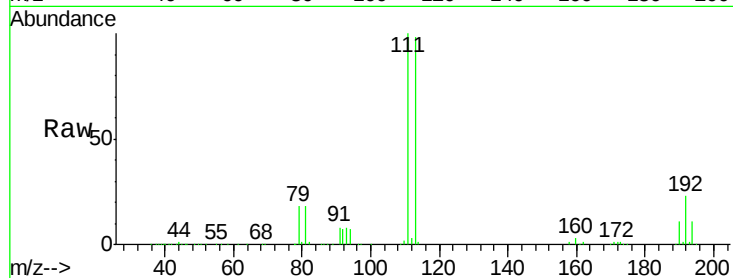
Tot Ion:113 Resp: 131456

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

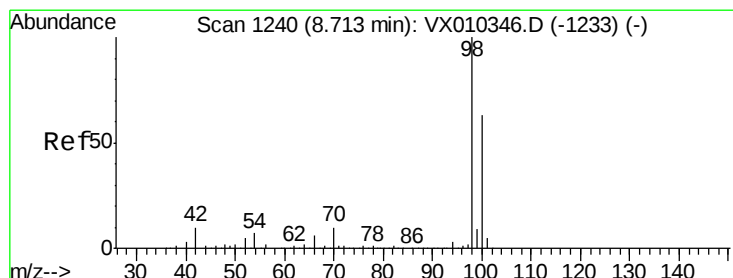
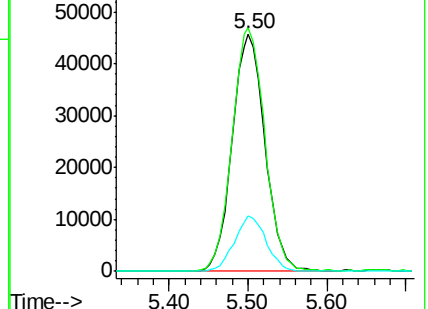
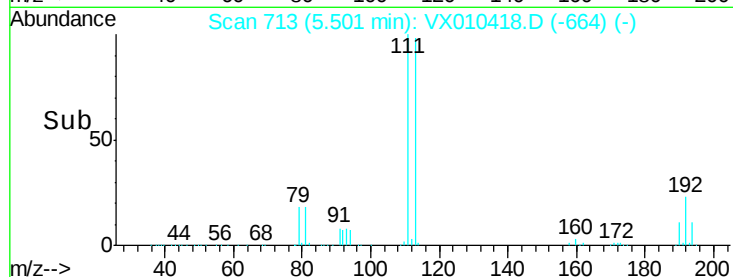
192 22.7 18.6 27.8



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: 50.715 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010418.D

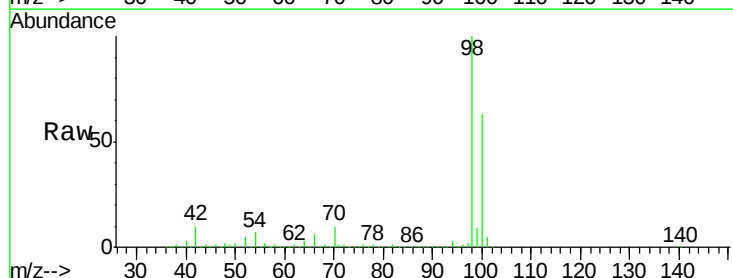
Acq: 24 Jun 2019 17:47

Tgt Ion: 98 Resp: 512269

Ion Ratio Lower Upper

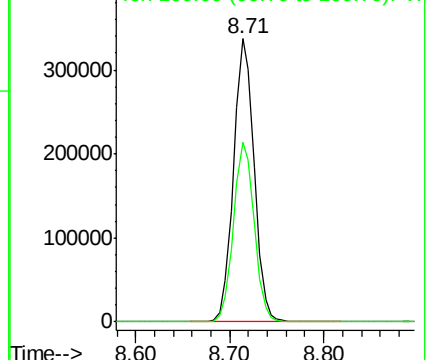
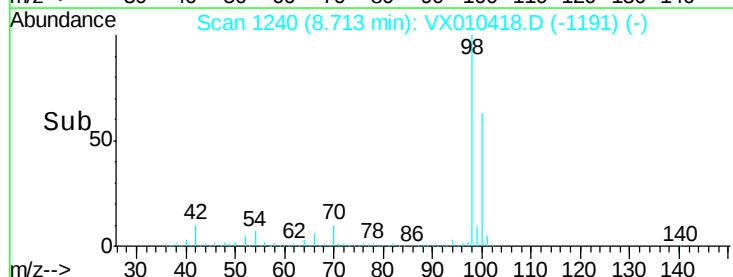
98 100

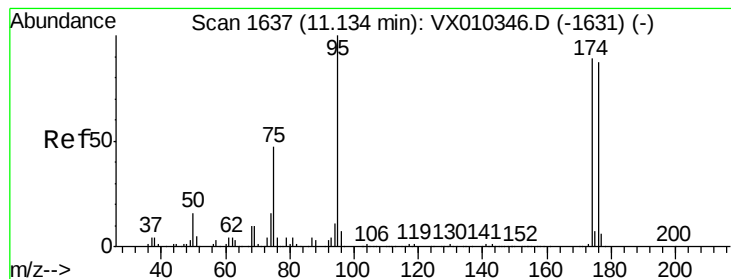
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010418.D

Acq: 24 Jun 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

BAT-B13

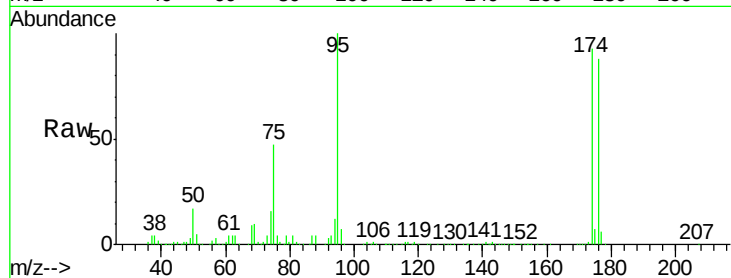
Tot Ion: 95 Resp: 172072

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

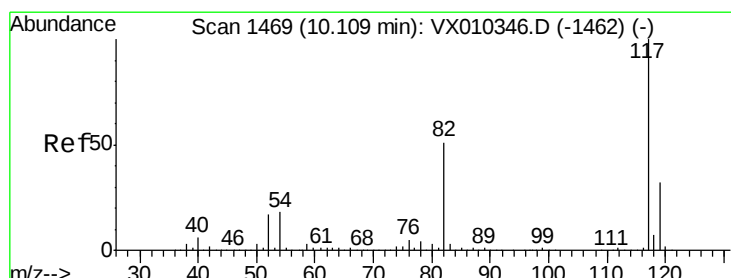
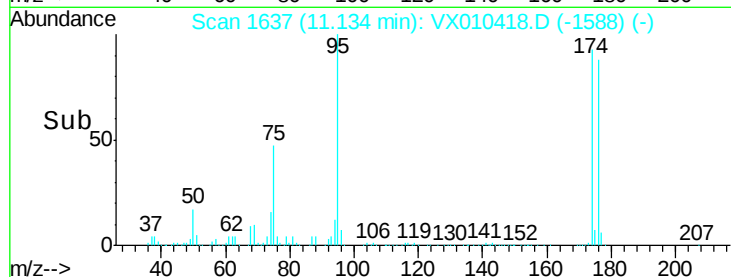
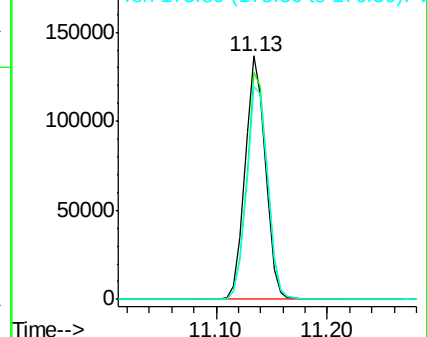
176 90.8 0.0 184.0



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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010418.D

Acq: 24 Jun 2019 17:47

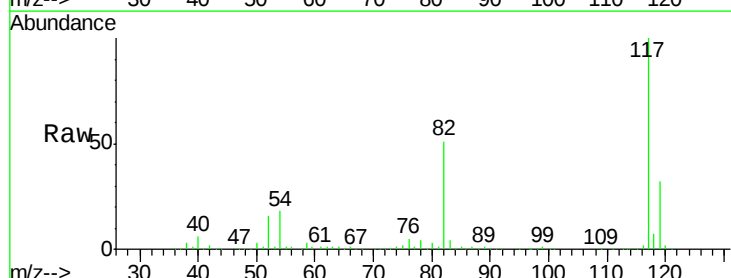
Tgt Ion: 117 Resp: 388741

Ion Ratio Lower Upper

117 100

82 51.3 41.2 61.8

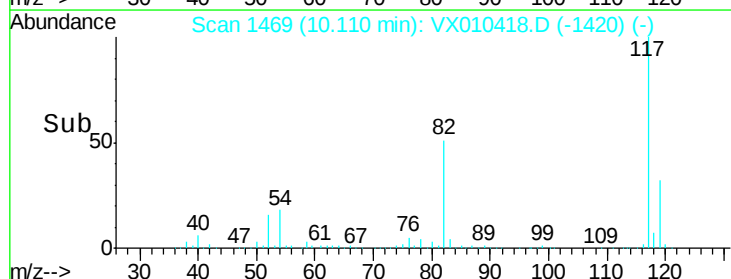
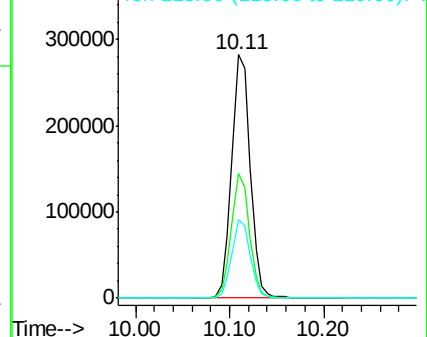
119 32.1 25.5 38.3

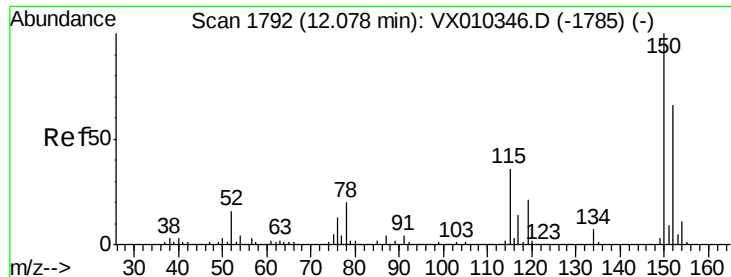


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX010418.D

Acq: 24 Jun 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

BAT-B13

Tot Ion:152 Resp: 182887

Ion Ratio Lower Upper

152 100

115 53.3 38.6 115.7

150 154.7 0.0 347.4

