

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010414.D
 Acq On : 24 Jun 2019 16:14
 Operator : JC/SP
 Sample : K3164-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B01

Quant Time: Jun 25 04:20:21 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

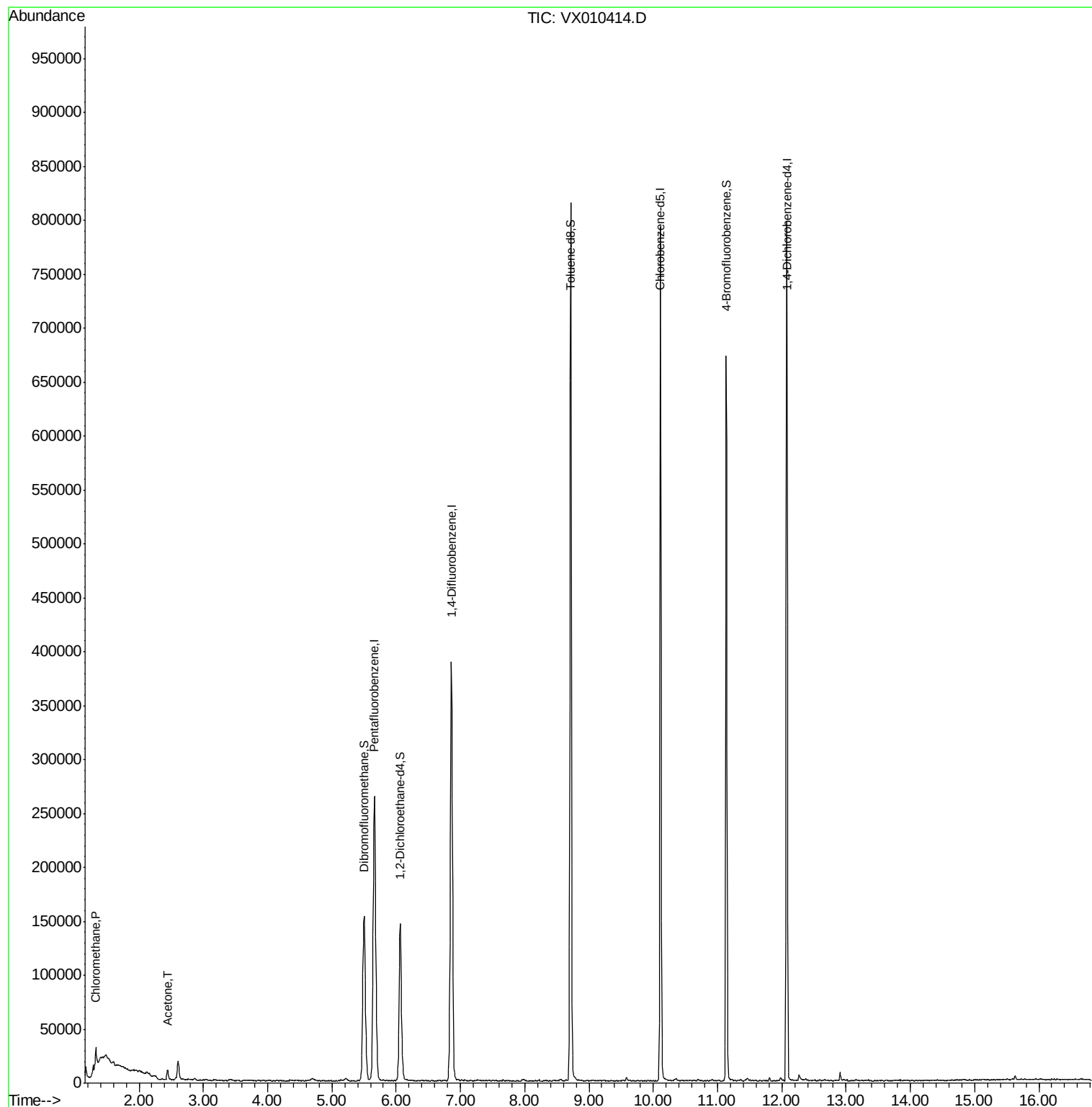
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131391	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	5.50	113	131586	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	8.71	98	503646	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	169867	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
3) Chloromethane	1.33	50	7801	3.448	ug/l	95
16) Acetone	2.44	43	10341	7.874	ug/l	100

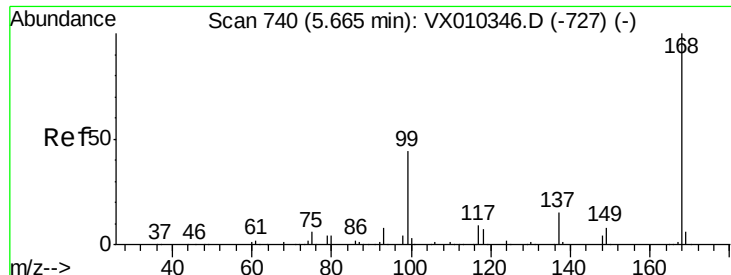
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010414.D

Acq: 24 Jun 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

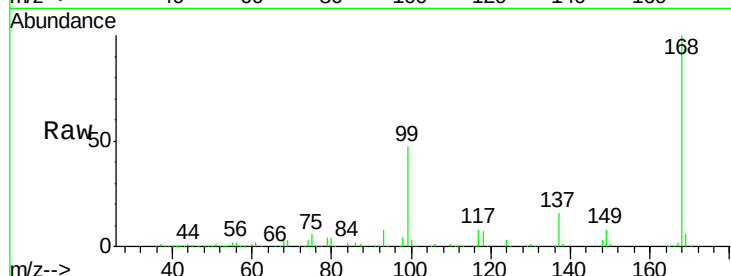
BAT-B01

Tot Ion:168 Resp: 279505

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

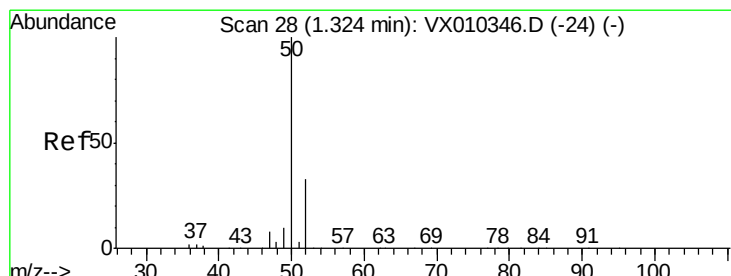
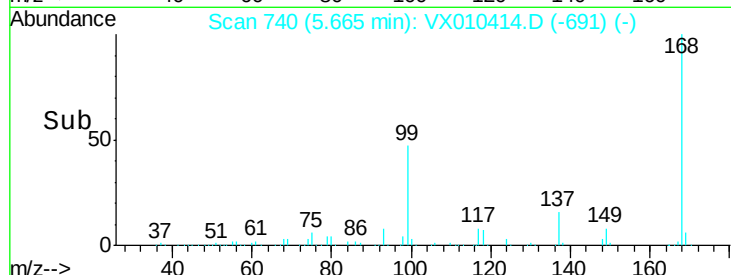
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 3.448 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010414.D

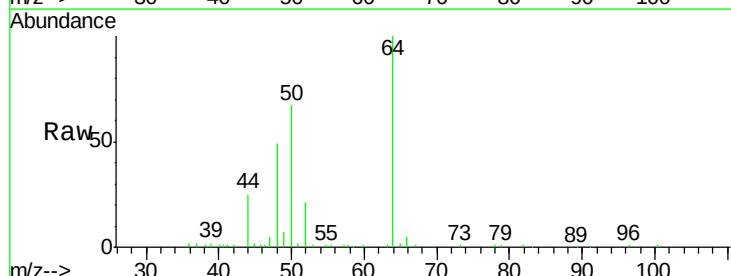
Acq: 24 Jun 2019 16:14

Tgt Ion: 50 Resp: 7801

Ion Ratio Lower Upper

50 100

52 30.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

8000

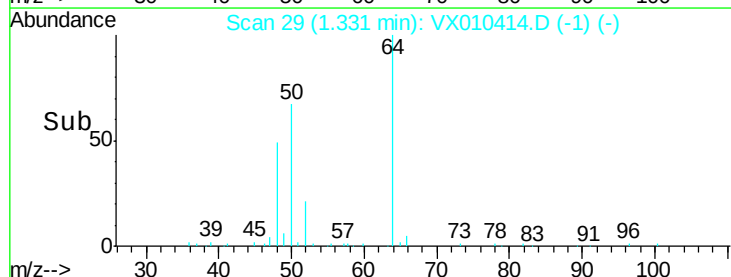
6000

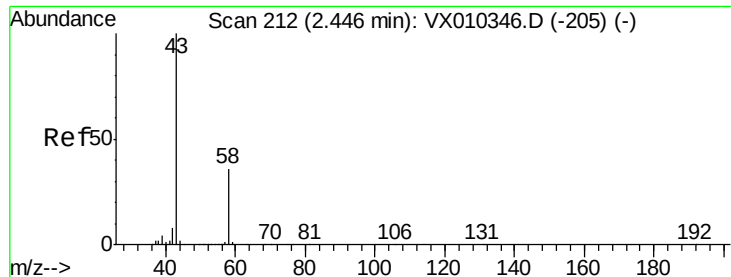
4000

2000

0

Time--> 1.30 1.35





#16

Acetone

Concen: 7.874 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010414.D

Acq: 24 Jun 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

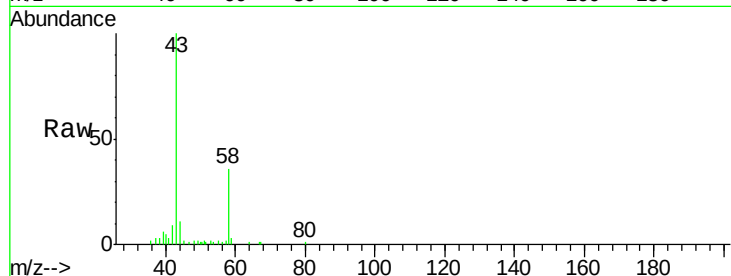
BAT-B01

Tot Ion: 43 Resp: 10341

Ion Ratio Lower Upper

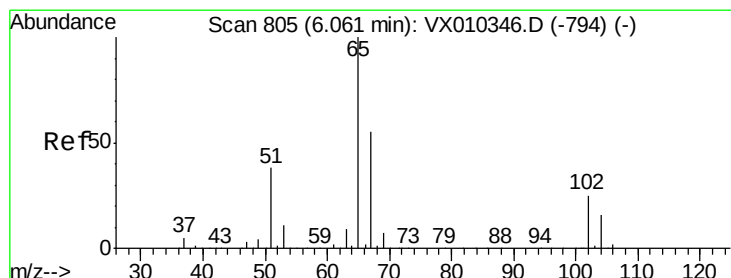
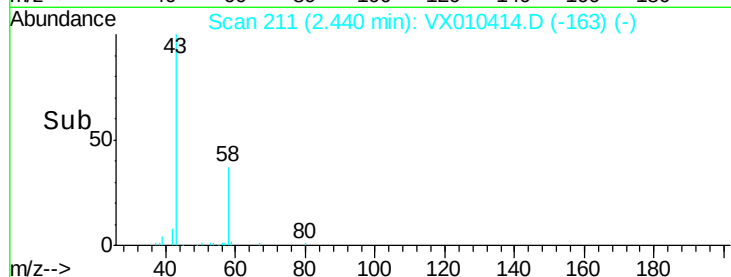
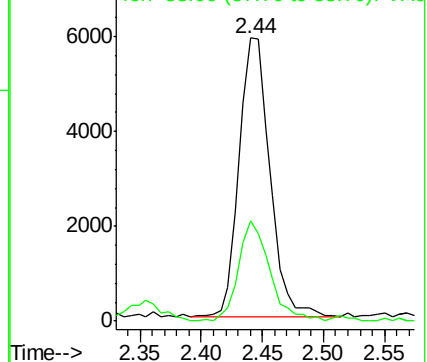
43 100

58 36.0 28.9 43.3



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: 50.137 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010414.D

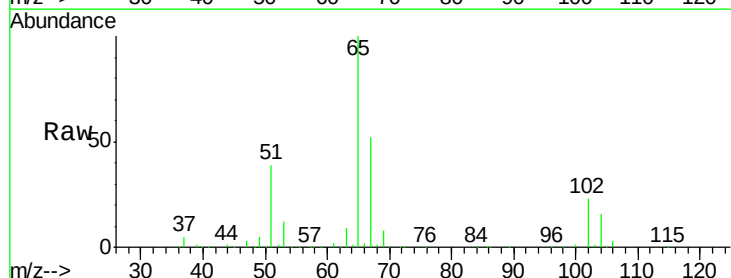
Acq: 24 Jun 2019 16:14

Tgt Ion: 65 Resp: 131391

Ion Ratio Lower Upper

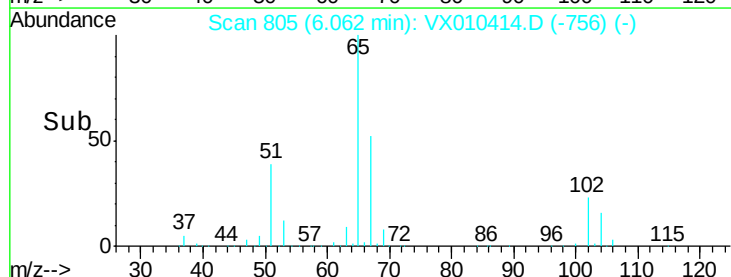
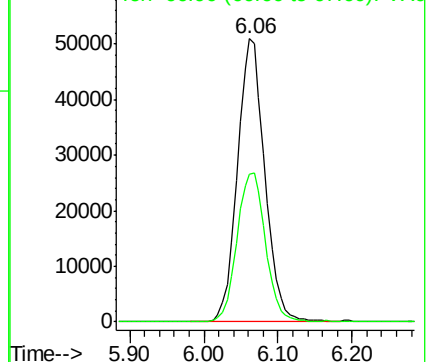
65 100

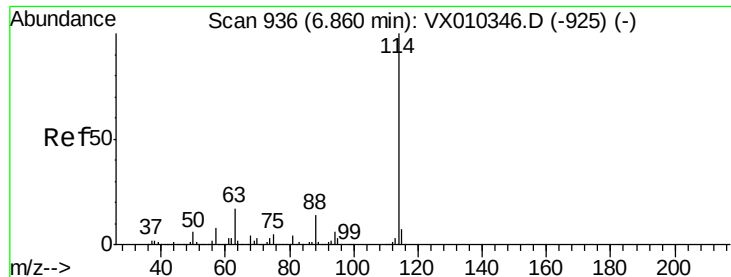
67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

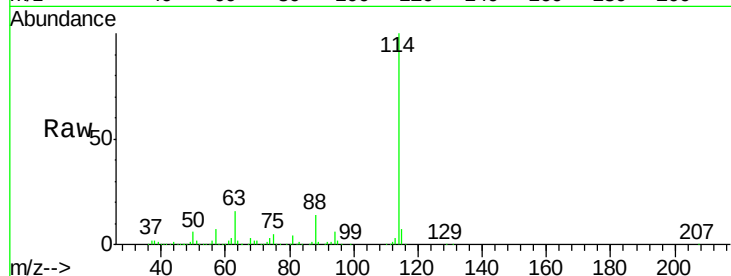




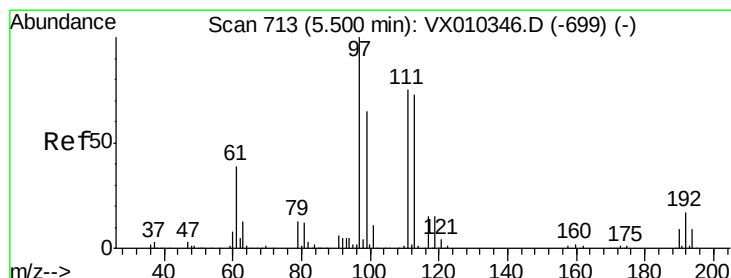
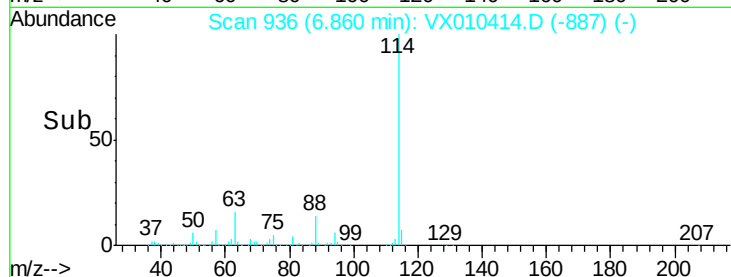
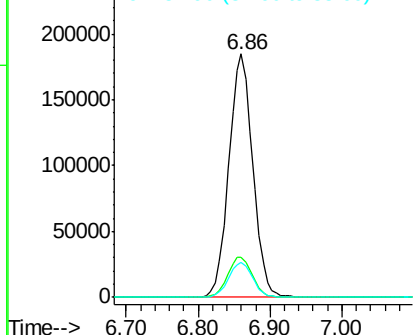
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010414.D
Acq: 24 Jun 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
BAT-B01

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	33.8
88	14.3	0.0	27.6

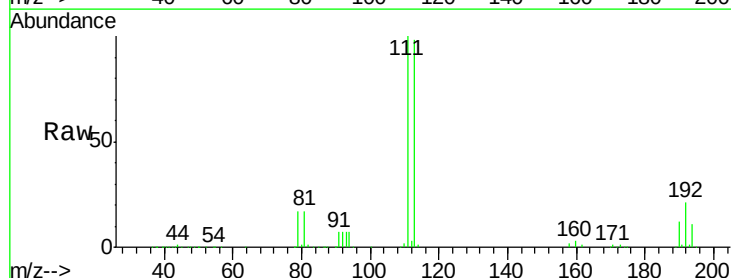


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

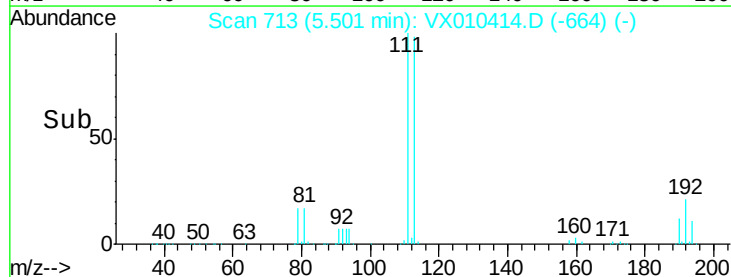
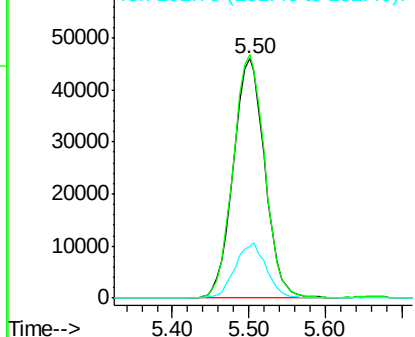


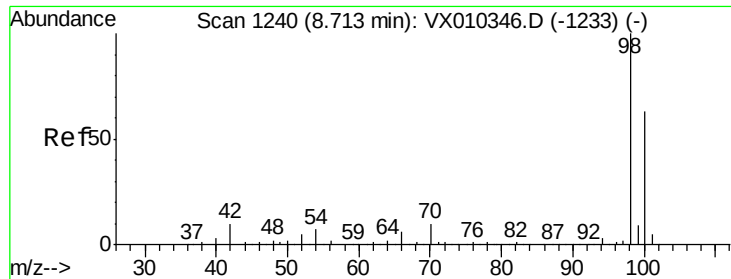
#35
Dibromofluoromethane
Concen: 50.376 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010414.D
Acq: 24 Jun 2019 16:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	22.9	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: 50.398 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010414.D

Acq: 24 Jun 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

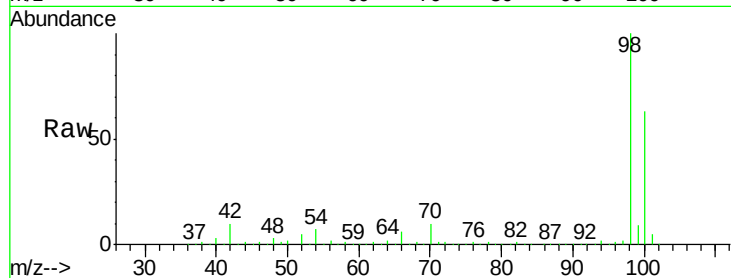
BAT-B01

Tot Ion: 98 Resp: 503646

Ion Ratio Lower Upper

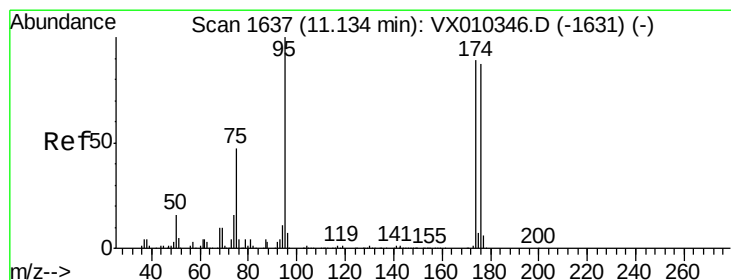
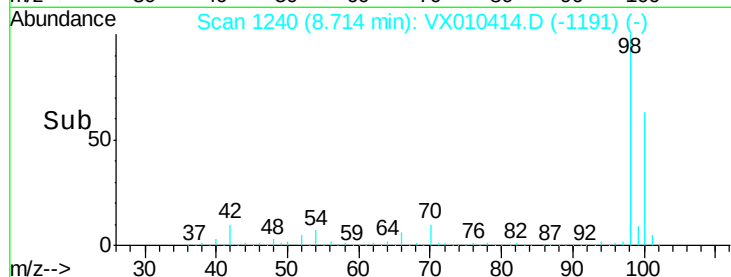
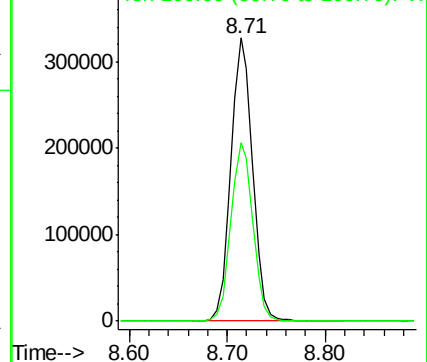
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.082 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010414.D

Acq: 24 Jun 2019 16:14

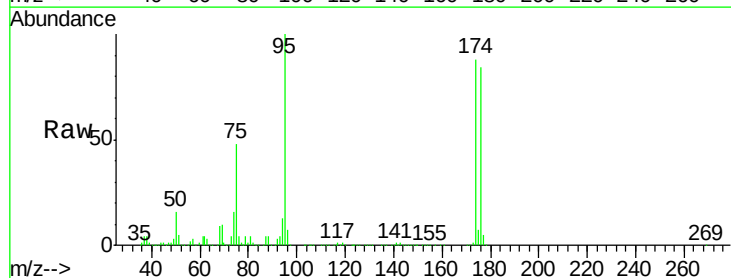
Tgt Ion: 95 Resp: 169867

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

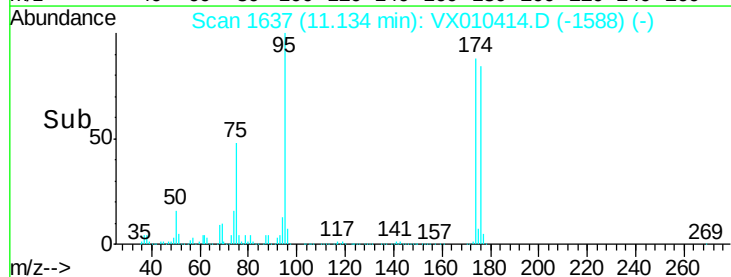
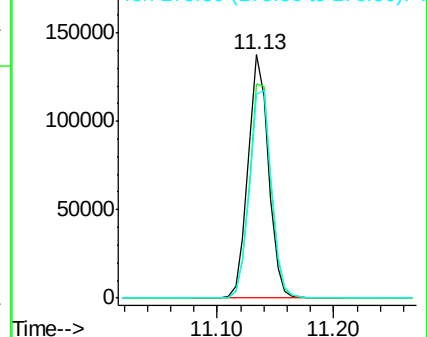
176 91.5 0.0 184.0

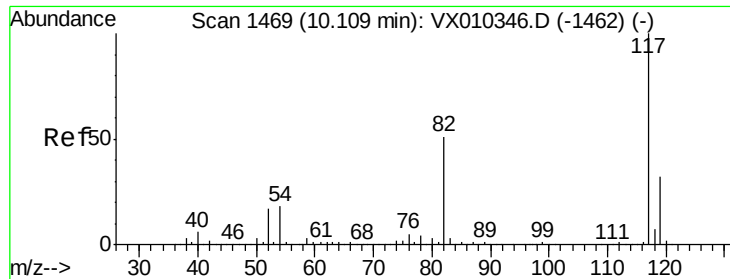


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX010414.D

Acq: 24 Jun 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

BAT-B01

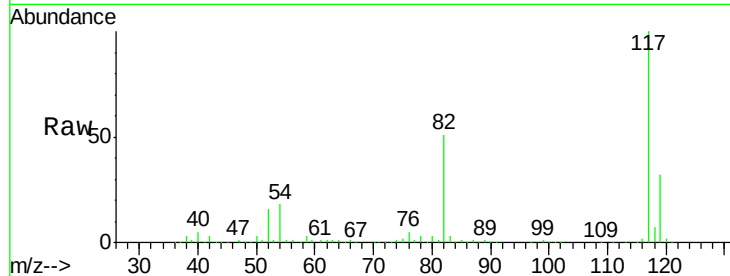
Tot Ion:117 Resp: 384512

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

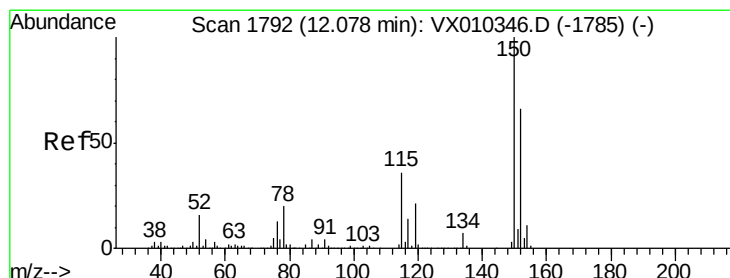
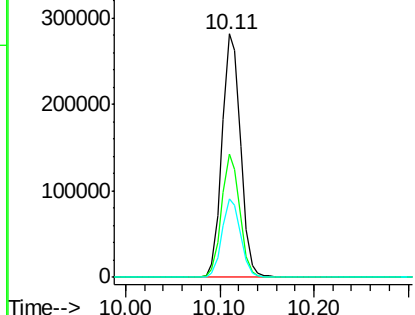
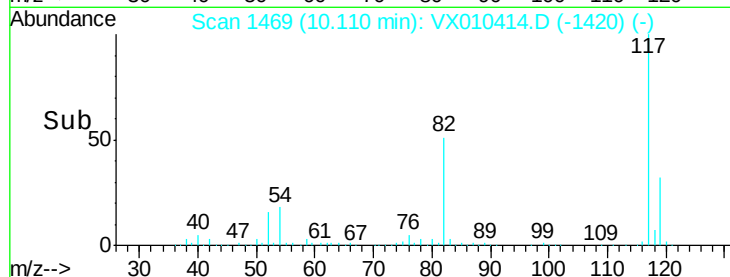
119 32.3 25.5 38.3



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: VX010414.D

Acq: 24 Jun 2019 16:14

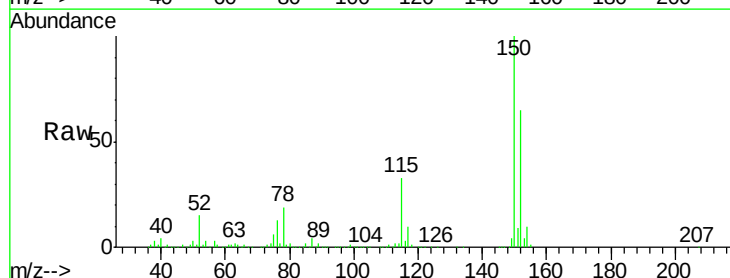
Tgt Ion:152 Resp: 182052

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

150 154.3 0.0 347.4



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

