

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010422.D
 Acq On : 24 Jun 2019 19:21
 Operator : JC/SP
 Sample : K3155-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B06

Quant Time: Jun 25 04:36:58 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

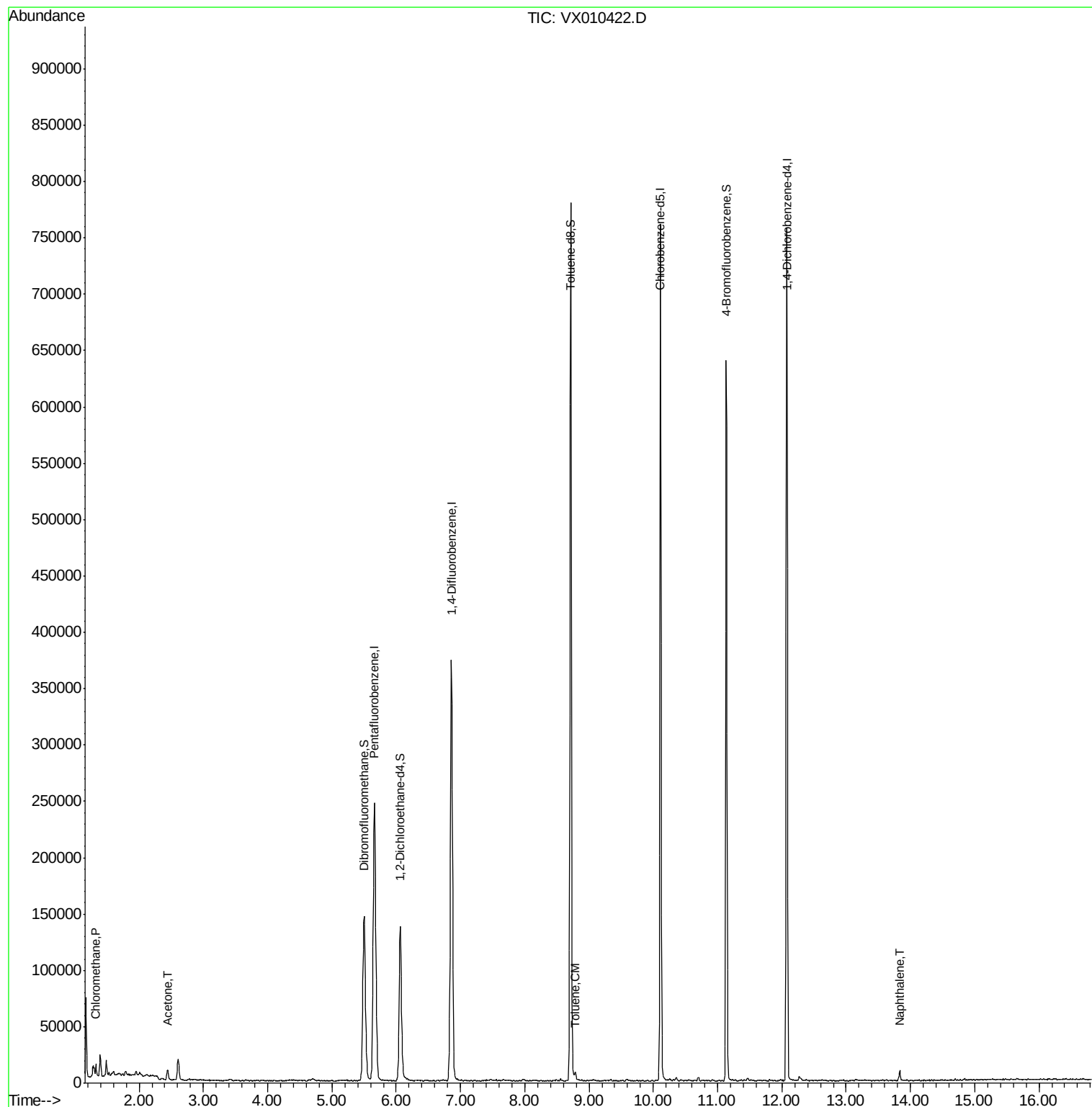
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125120	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	125068	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	475444	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	161666	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
3) Chloromethane	1.33	50	7098	3.328	ug/l	99
16) Acetone	2.44	43	9727	7.857	ug/l	95
52) Toluene	8.78	92	2517	0.380	ug/l	79
95) Naphthalene	13.83	128	4964	0.412	ug/l #	93

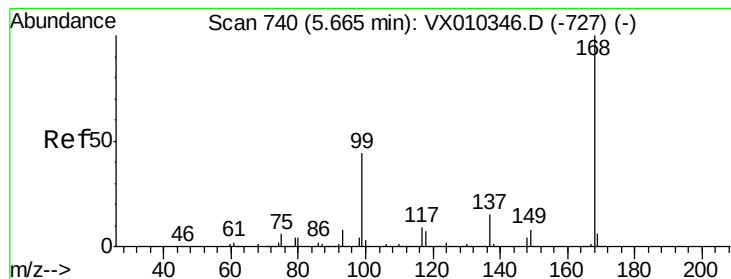
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010422.D

Acq: 24 Jun 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

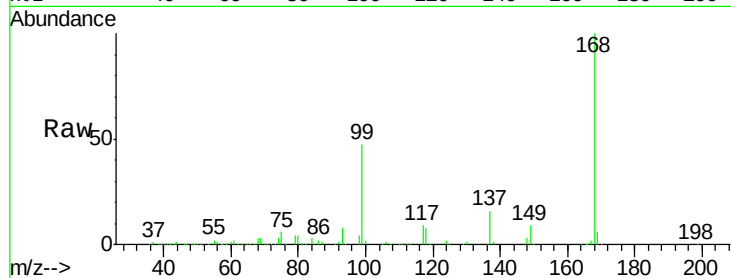
BAT-B06

Tot Ion:168 Resp: 263464

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

5.67

100000

80000

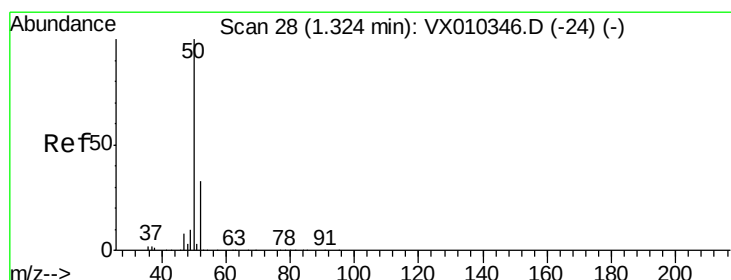
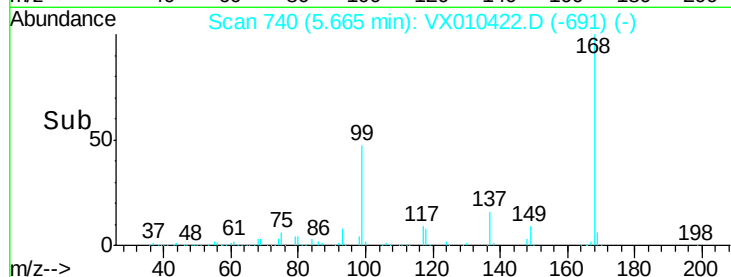
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 3.328 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010422.D

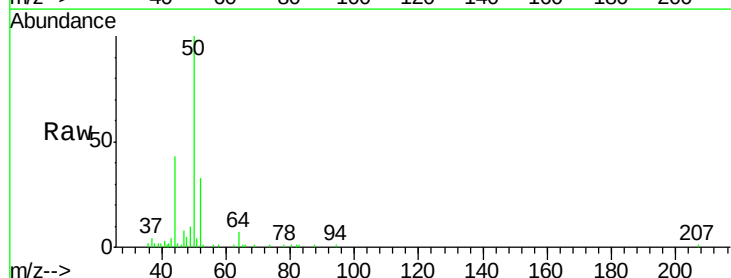
Acq: 24 Jun 2019 19:21

Tgt Ion: 50 Resp: 7098

Ion Ratio Lower Upper

50 100

52 32.3 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

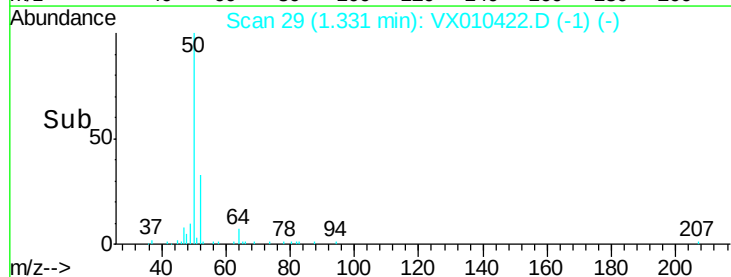
6000

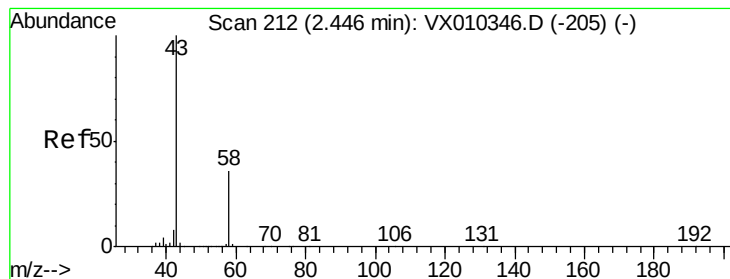
4000

2000

0

Time--> 1.30 1.35





#16

Acetone

Concen: 7.857 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010422.D

Acq: 24 Jun 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

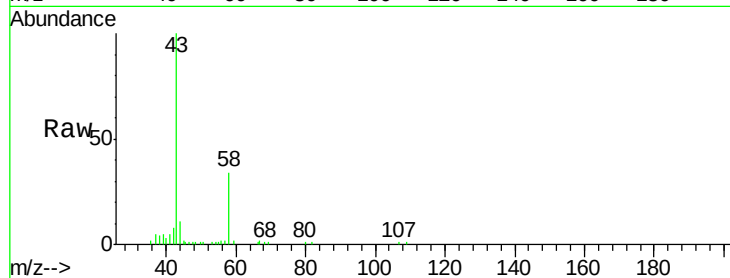
BAT-B06

Tot Ion: 43 Resp: 9727

Ion Ratio Lower Upper

43 100

58 33.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

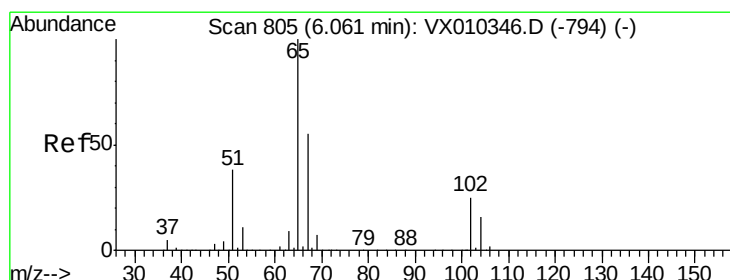
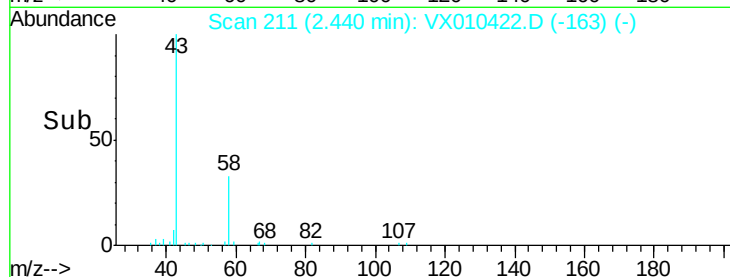
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50



#33

1,2-Dichloroethane-d4

Concen: 50.651 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010422.D

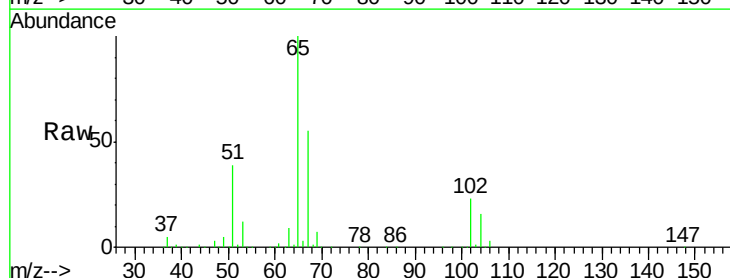
Acq: 24 Jun 2019 19:21

Tgt Ion: 65 Resp: 125120

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

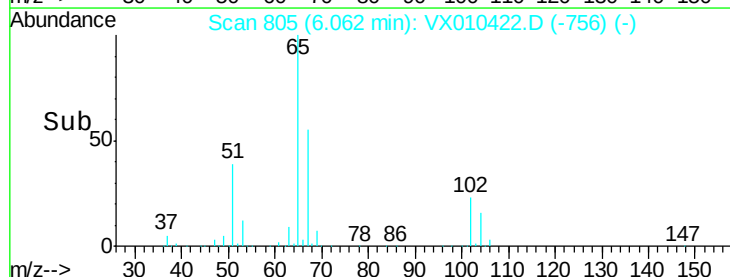
30000

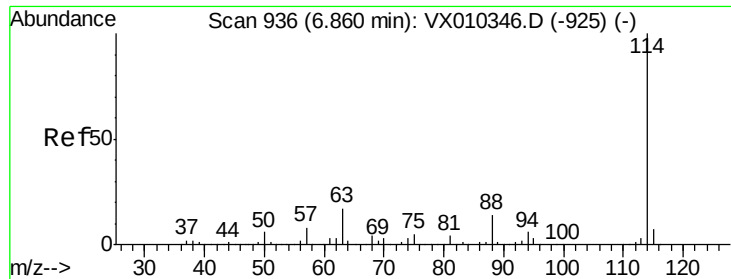
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

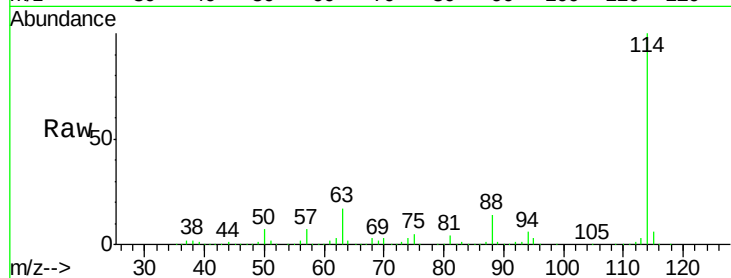




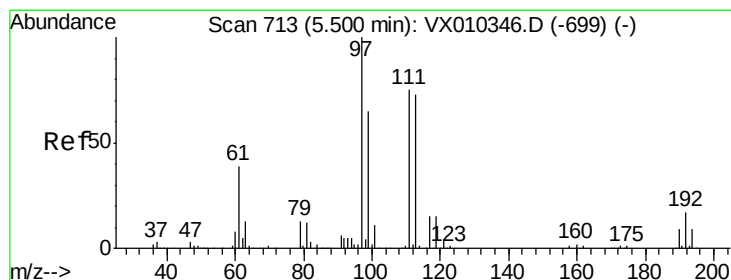
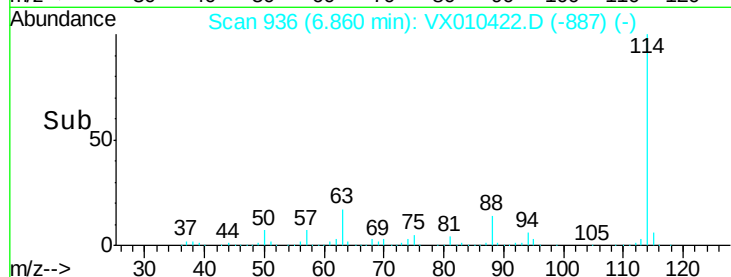
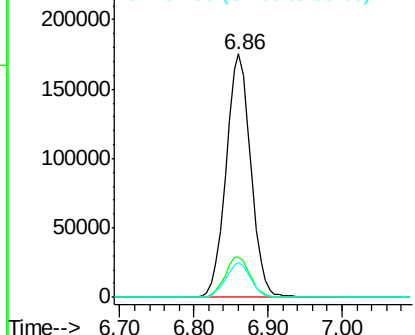
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
BAT-B06

Tot Ion:114 Resp: 406018
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.8
88 14.2 0.0 27.6

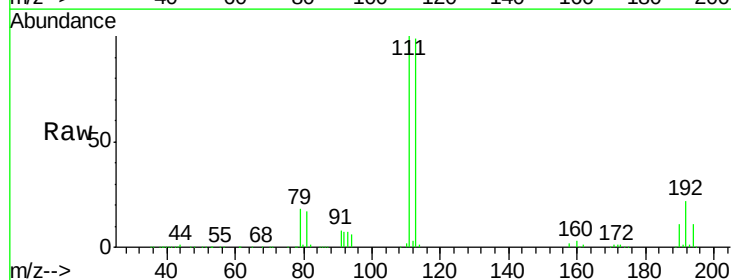


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

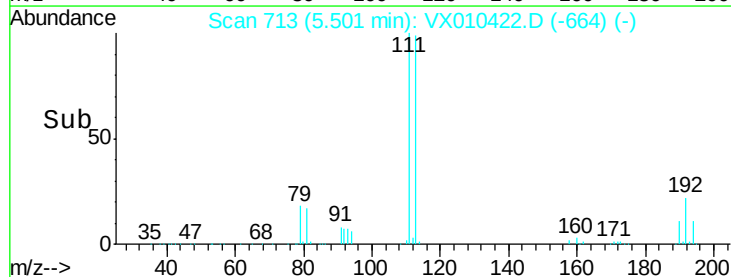
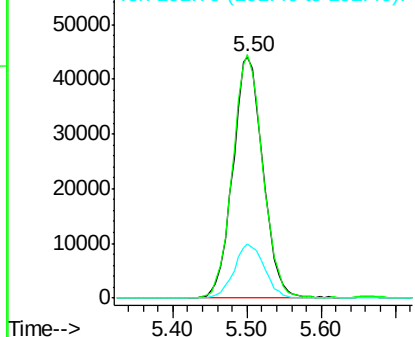


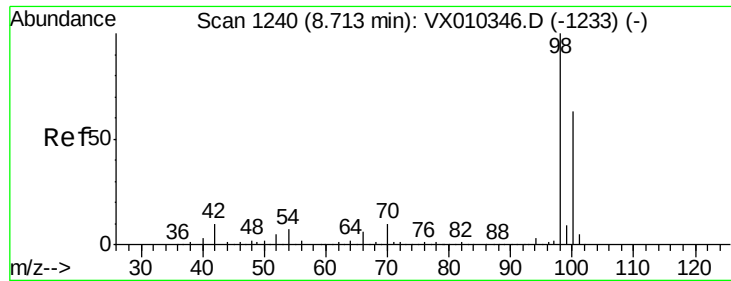
#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

Tgt Ion:113 Resp: 125068
Ion Ratio Lower Upper
113 100
111 100.9 81.2 121.8
192 22.6 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

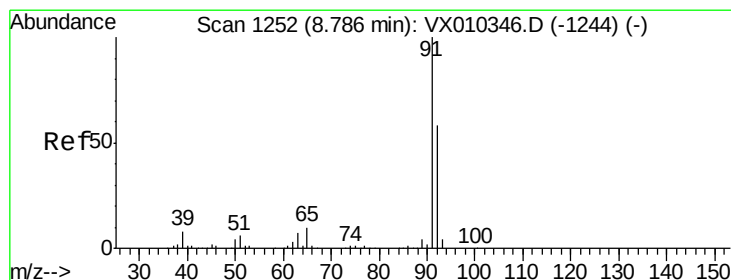
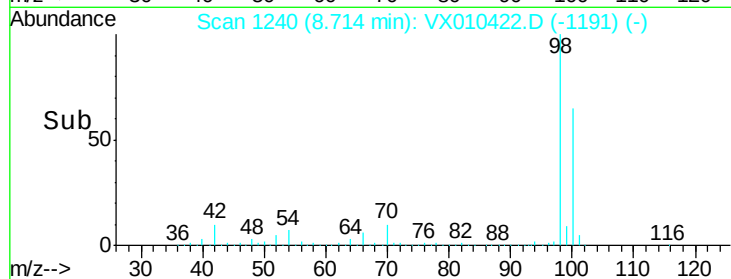
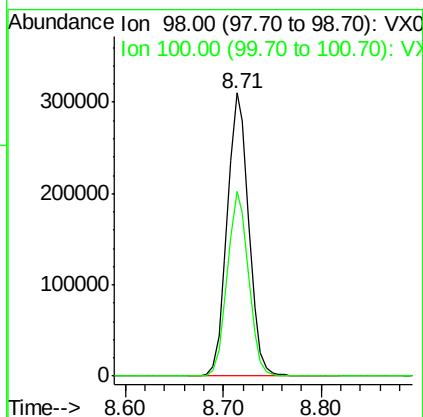
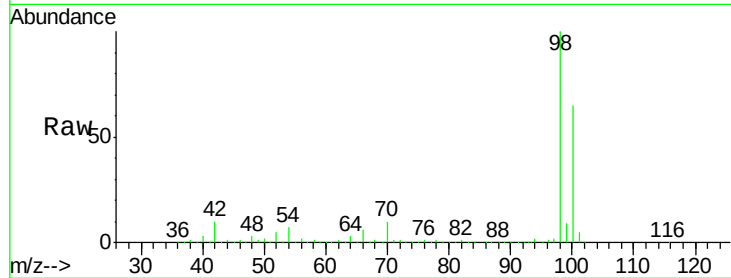




#50
Toluene-d8
Concen: 50.026 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

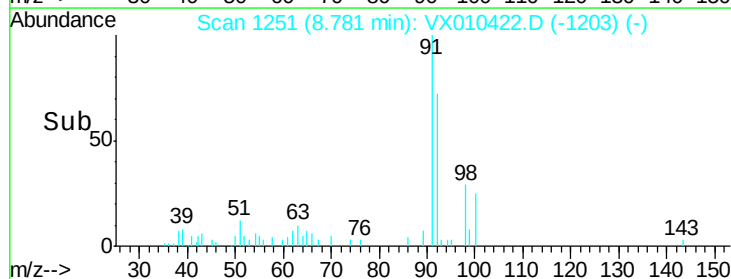
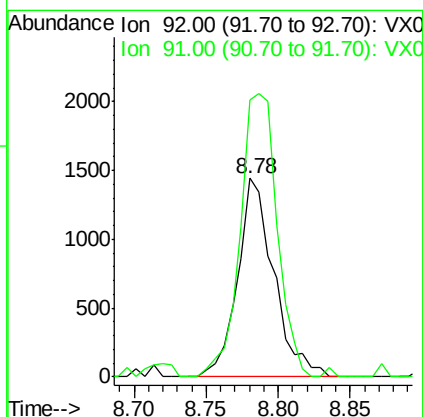
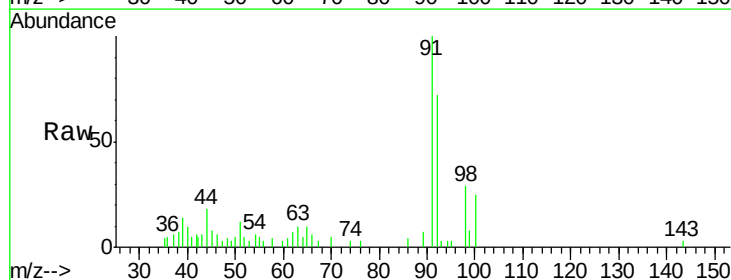
Instrument :
MSVOA_X
ClientSampleId :
BAT-B06

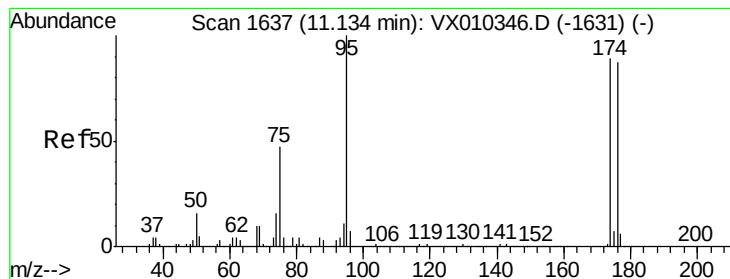
Tot Ion: 98 Resp: 475444
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#52
Toluene
Concen: 0.380 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

Tgt Ion: 92 Resp: 2517
Ion Ratio Lower Upper
92 100
91 145.7 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 47.117 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010422.D

Acq: 24 Jun 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

BAT-B06

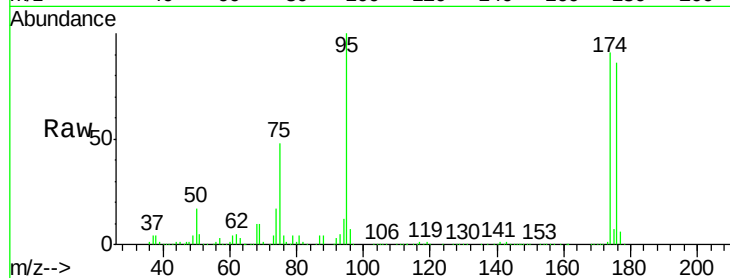
Tot Ion: 95 Resp: 161666

Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.6

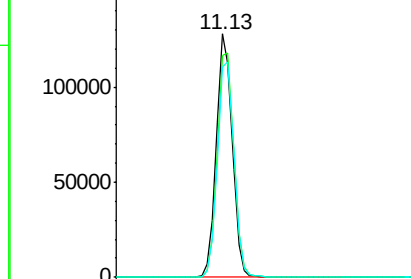
176 91.6 0.0 184.0



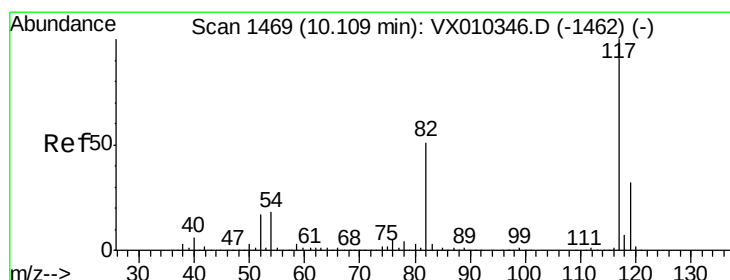
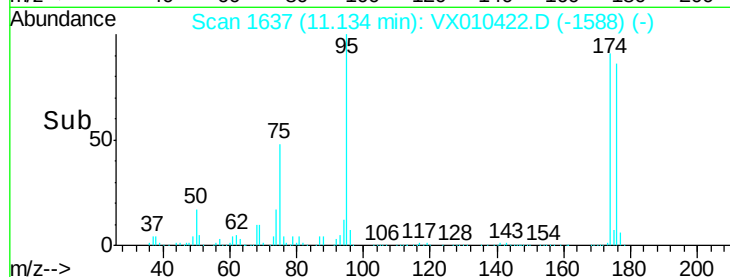
Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010422.D

Acq: 24 Jun 2019 19:21

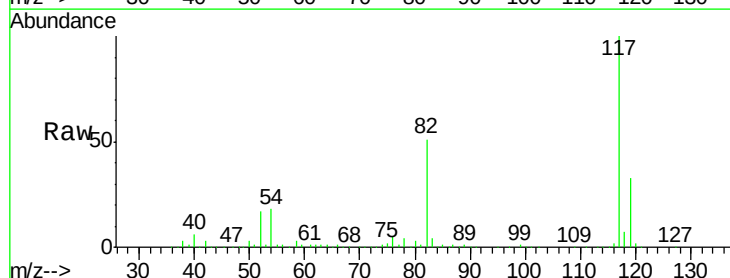
Tgt Ion: 117 Resp: 367641

Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

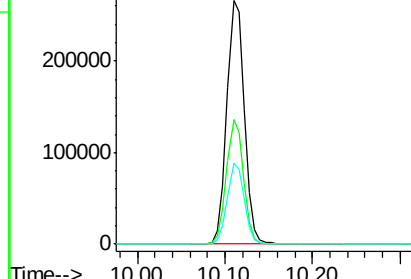
119 33.1 25.5 38.3



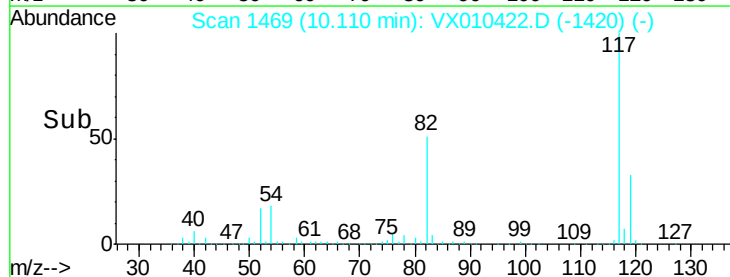
Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

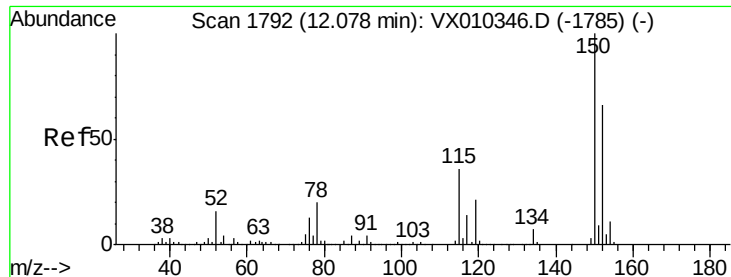
Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)



Time-->



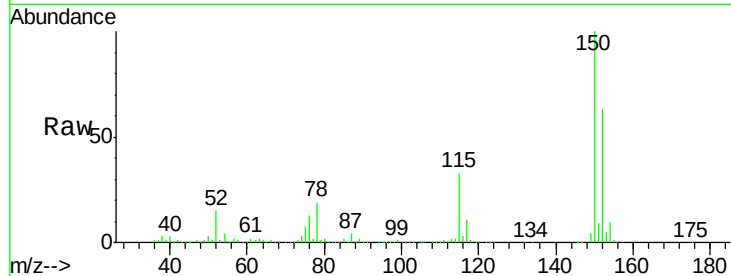


#72

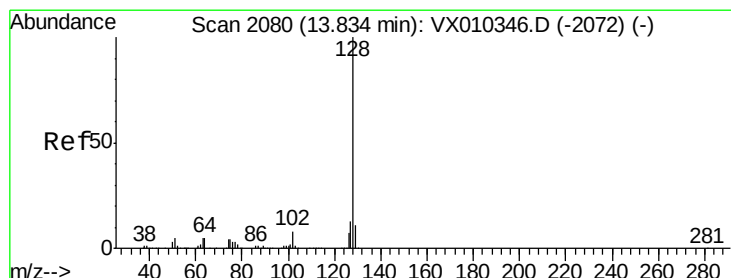
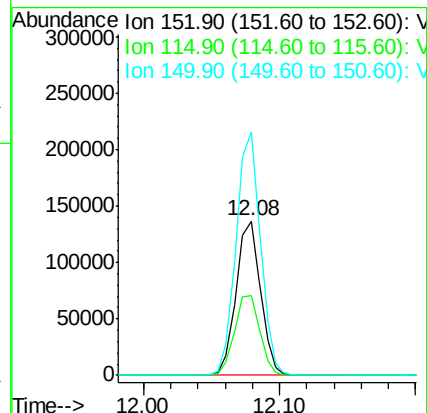
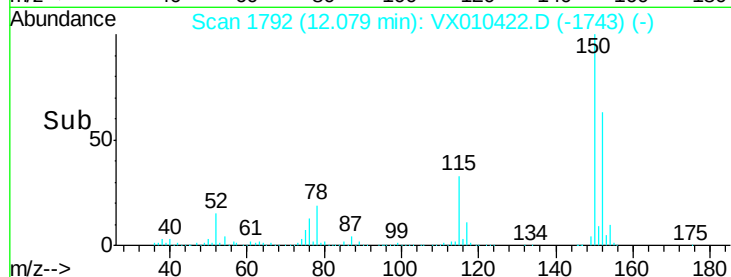
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

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BAT-B06

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	115.7
150	156.8	0.0	347.4



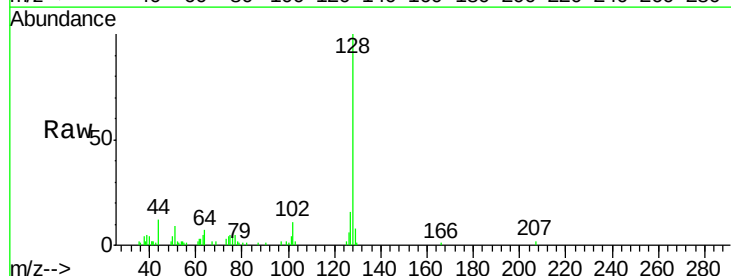
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 0.412 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010422.D
Acq: 24 Jun 2019 19:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.2	15.4#
129	12.4	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

