

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010421.D
 Acq On : 24 Jun 2019 18:58
 Operator : JC/SP
 Sample : K3155-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B04

Quant Time: Jun 25 04:35:11 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

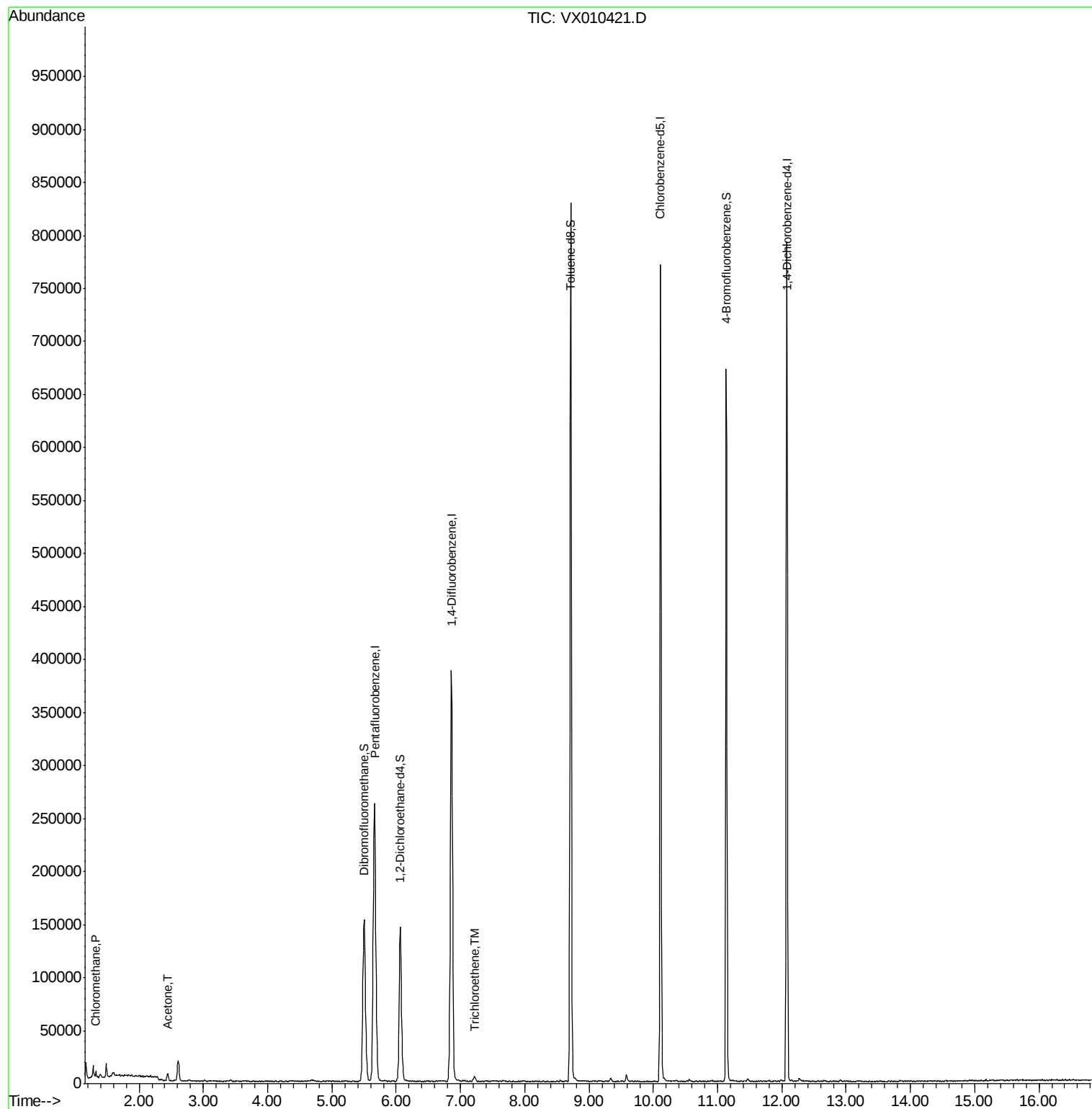
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	386009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129782	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.50	113	129619	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	505658	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	167979	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
3) Chloromethane	1.33	50	3416	1.510	ug/l	99
16) Acetone	2.45	43	7089	5.399	ug/l	95
44) Trichloroethene	7.23	130	2014	0.641	ug/l	79

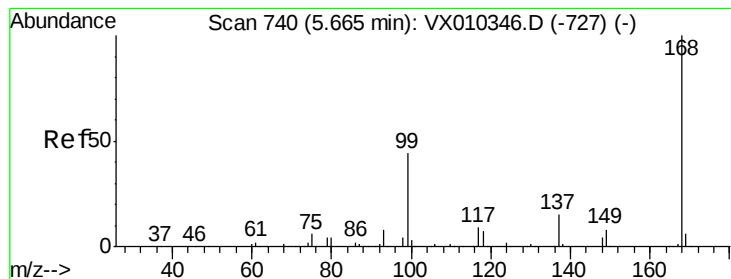
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010421.D

Acq: 24 Jun 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

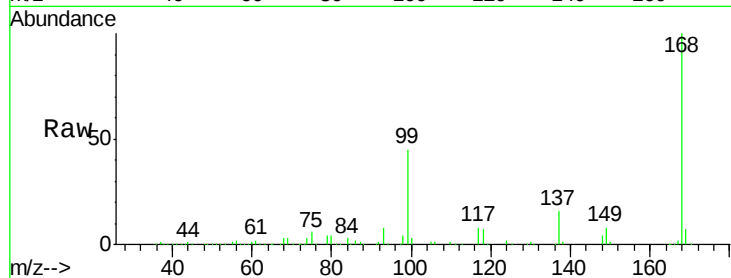
BAT-B04

Tot Ion:168 Resp: 279422

Ion Ratio Lower Upper

168 100

99 45.1 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

120000

100000

80000

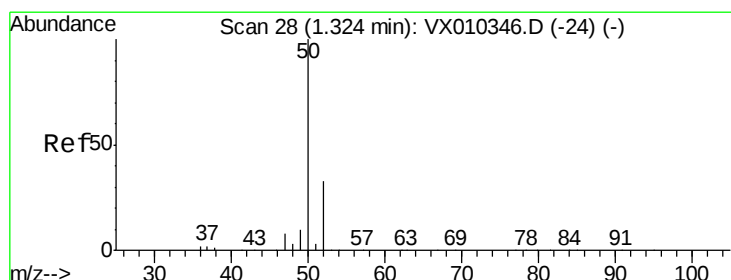
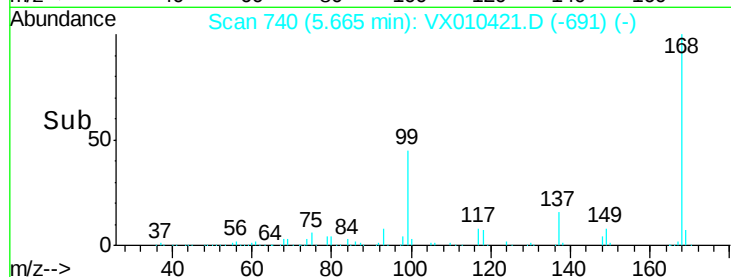
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.510 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010421.D

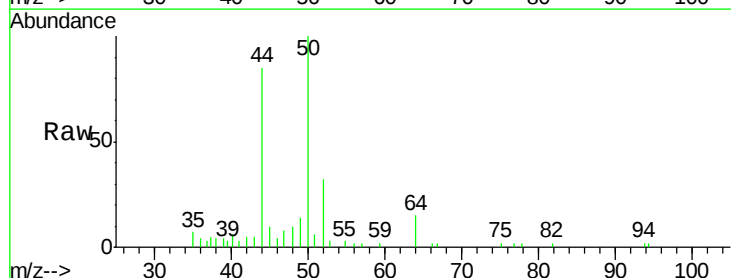
Acq: 24 Jun 2019 18:58

Tgt Ion: 50 Resp: 3416

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

4000

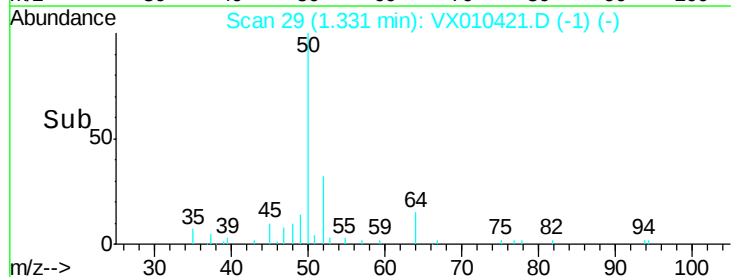
3000

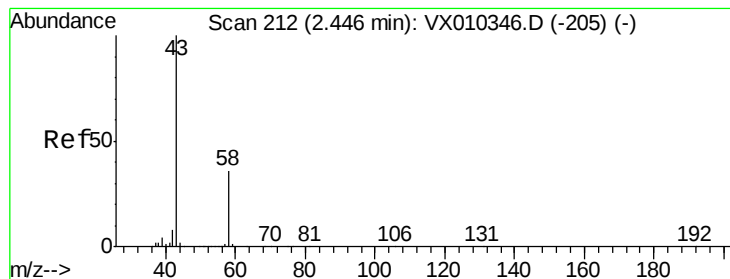
2000

1000

0

Time--> 1.30 1.35





#16

Acetone

Concen: 5.399 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010421.D

Acq: 24 Jun 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

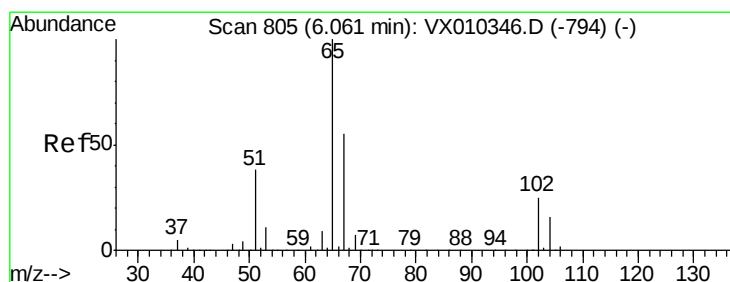
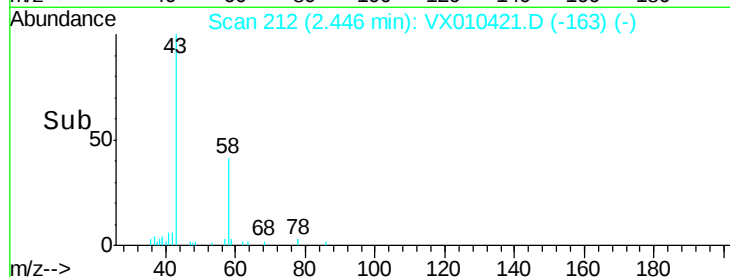
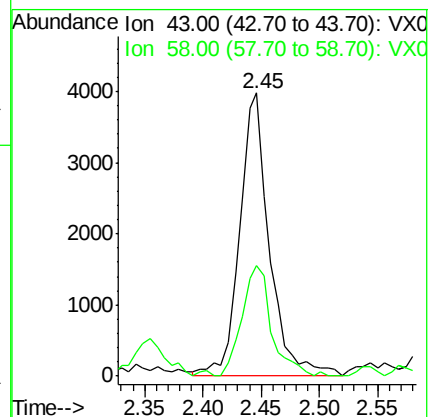
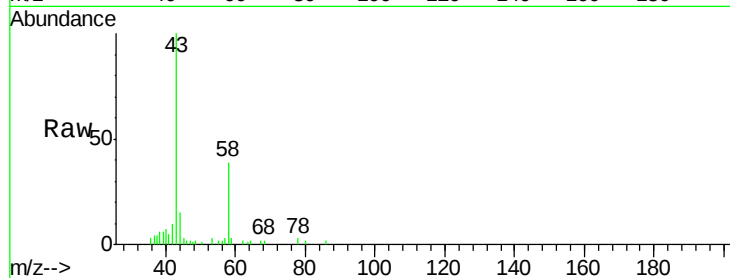
BAT-B04

Tot Ion: 43 Resp: 7089

Ion Ratio Lower Upper

43 100

58 39.2 28.9 43.3



#33

1,2-Dichloroethane-d4

Concen: 49.538 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010421.D

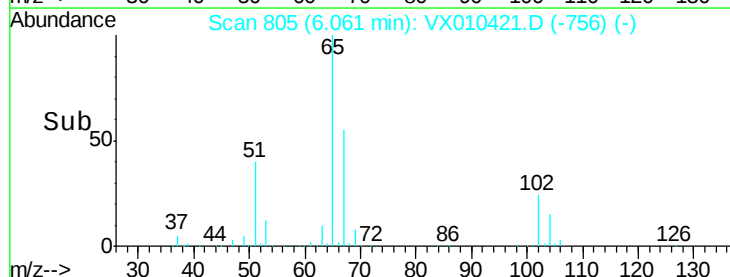
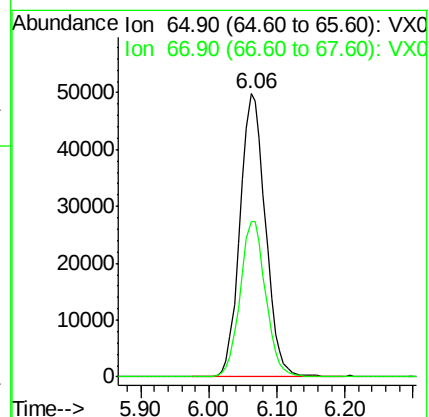
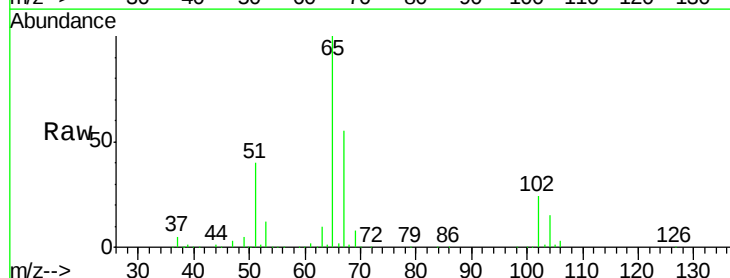
Acq: 24 Jun 2019 18:58

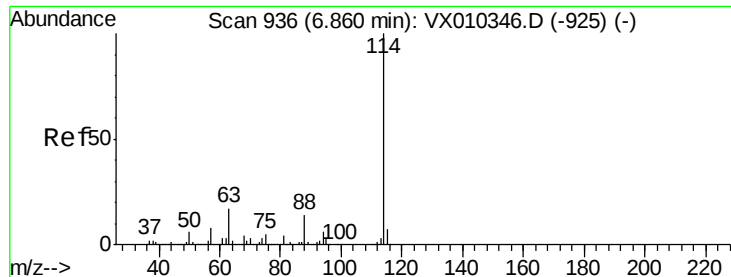
Tgt Ion: 65 Resp: 129782

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010421.D

Acq: 24 Jun 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

BAT-B04

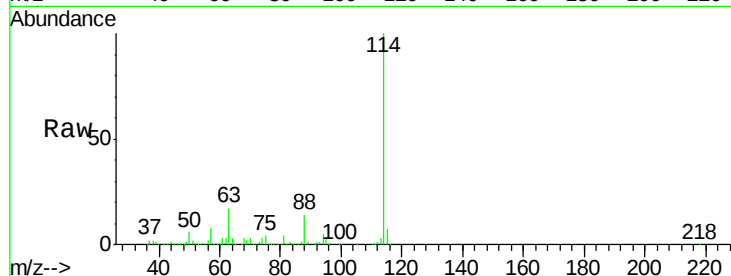
Tot Ion:114 Resp: 424191

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

88 13.8 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

250000

200000

150000

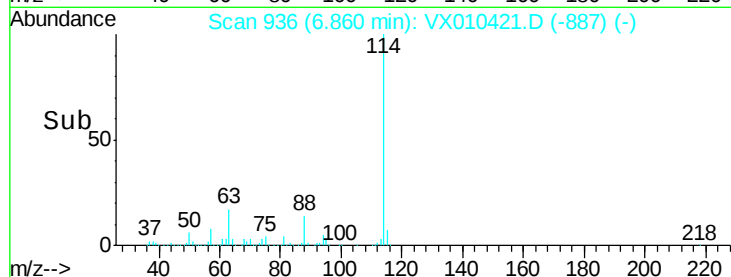
100000

50000

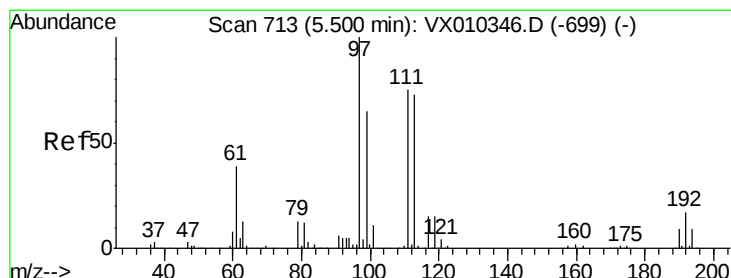
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 49.943 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010421.D

Acq: 24 Jun 2019 18:58

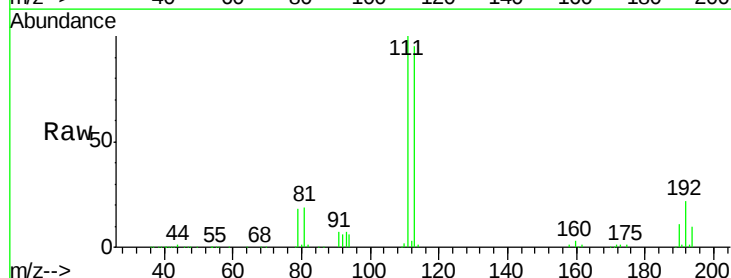
Tgt Ion:113 Resp: 129619

Ion Ratio Lower Upper

113 100

111 103.4 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

60000

50000

40000

30000

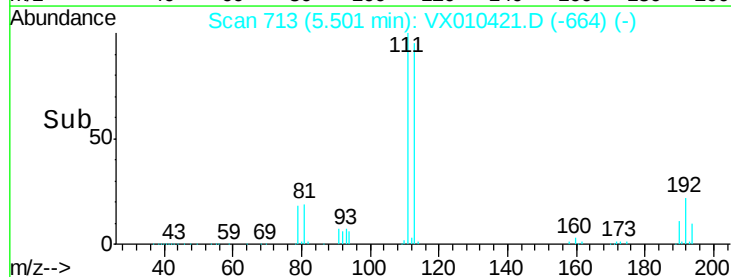
20000

10000

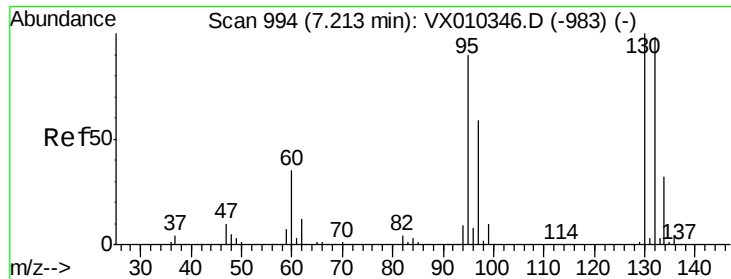
0

5.50

5.40 5.50 5.60



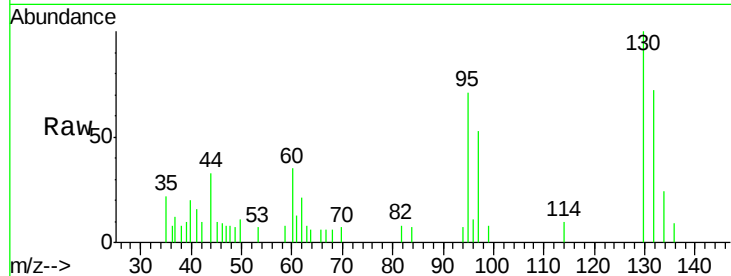
Time-->



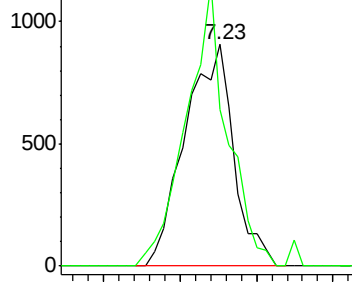
#44
 Trichloroethene
 Concen: 0.641 ug/l
 RT: 7.23 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VX010421.D
 Acq: 24 Jun 2019 18:58

Instrument :
 MSVOA_X
 ClientSampled :
 BAT-B04

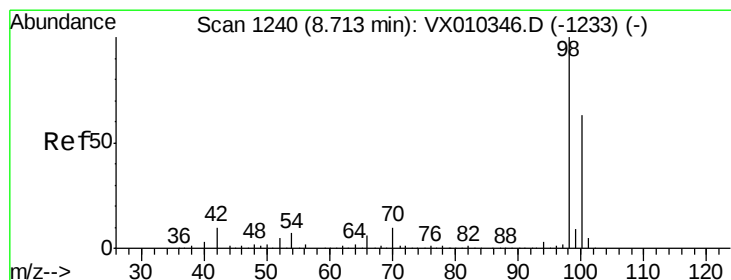
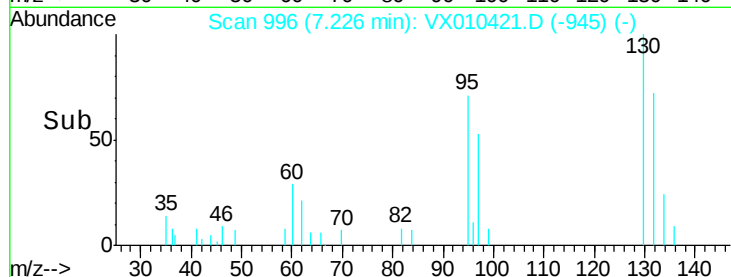
Tot Ion:130 Resp: 2014
 Ion Ratio Lower Upper
 130 100
 95 70.9 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

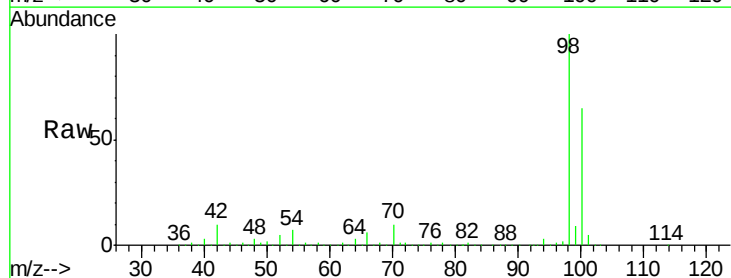


Time-->

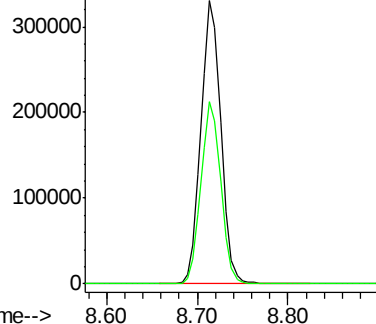


#50
 Toluene-d8
 Concen: 50.926 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010421.D
 Acq: 24 Jun 2019 18:58

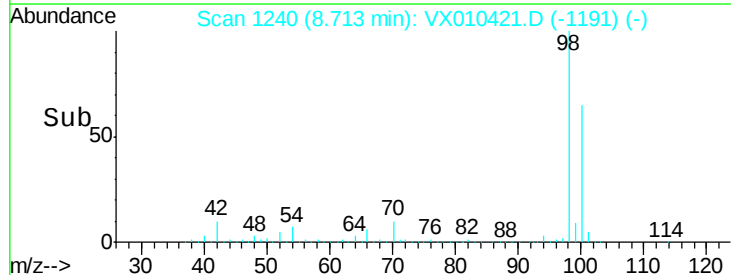
Tgt Ion: 98 Resp: 505658
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4

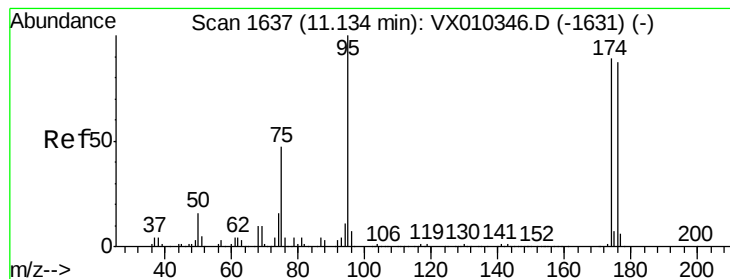


Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0



Time-->





#62

4-Bromofluorobenzene

Concen: 46.859 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010421.D

Acq: 24 Jun 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

BAT-B04

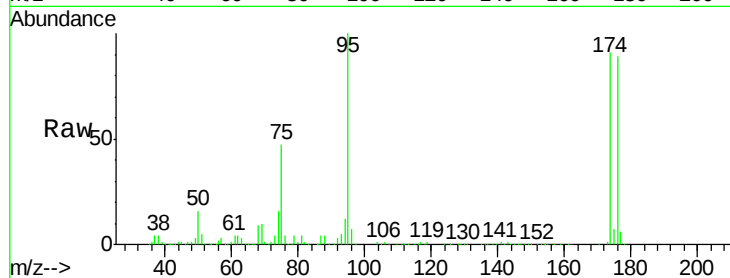
Tot Ion: 95 Resp: 167979

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

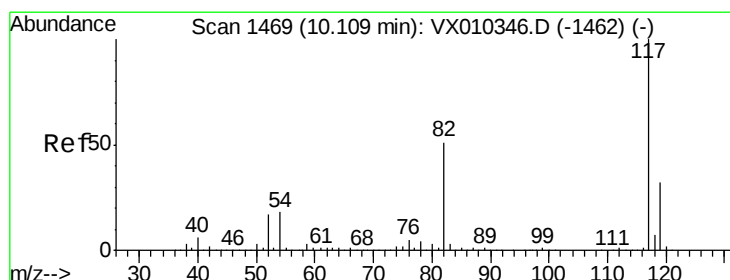
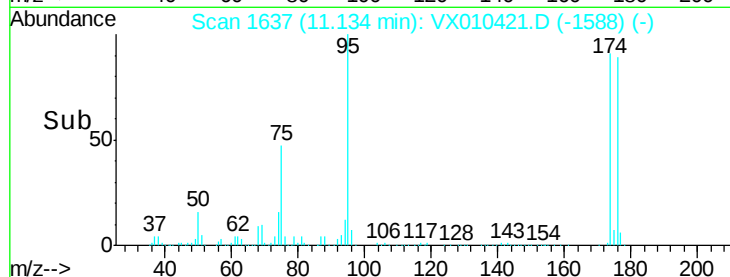
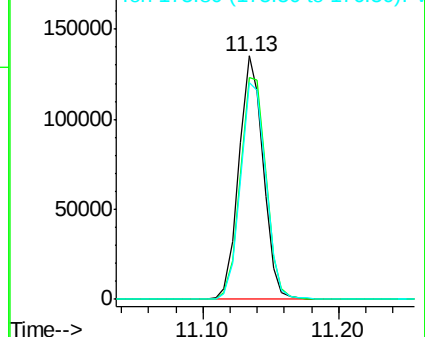
176 93.1 0.0 184.0



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: VX010421.D

Acq: 24 Jun 2019 18:58

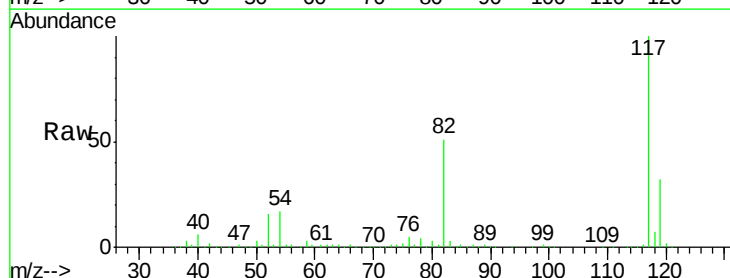
Tgt Ion: 117 Resp: 386009

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

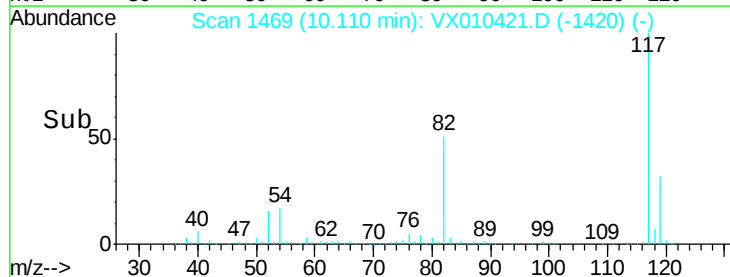
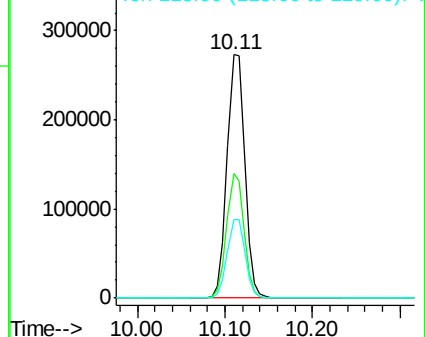
119 32.0 25.5 38.3

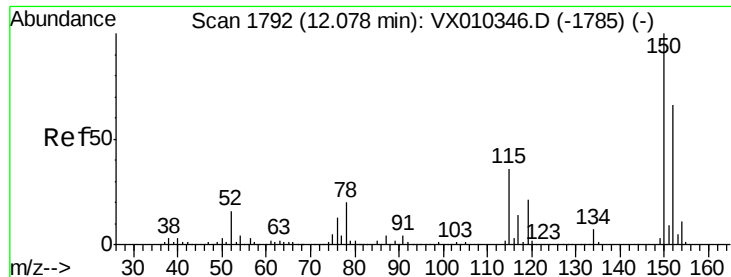


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX010421.D
 Acq: 24 Jun 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B04

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.2	38.6	115.7
150	155.3	0.0	347.4

