

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008031.D
 Acq On : 12 Mar 2019 21:53
 Operator : JC/SP
 Sample : K1840-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-700-702

Quant Time: Mar 13 06:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

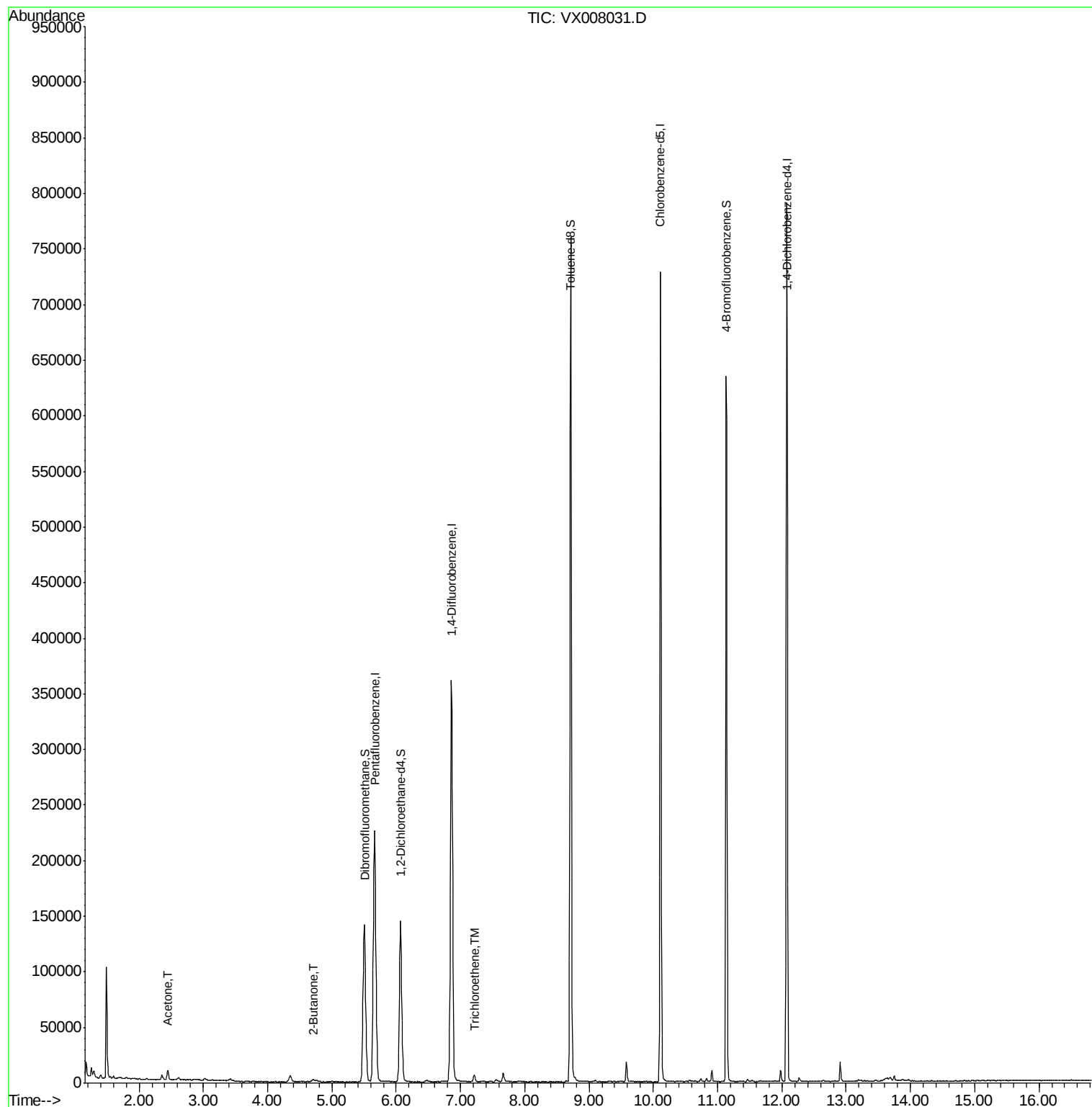
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132265	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	5.51	113	121891	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	458617	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	169751	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
Target Compounds						
16) Acetone	2.45	43	10075	6.898	ug/l	91
25) 2-Butanone	4.70	43	3757	1.817	ug/l #	90
44) Trichloroethene	7.21	130	2765	0.994	ug/l	96

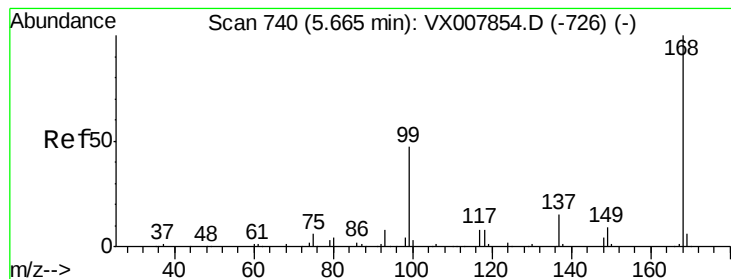
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008031.D

Acq: 12 Mar 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

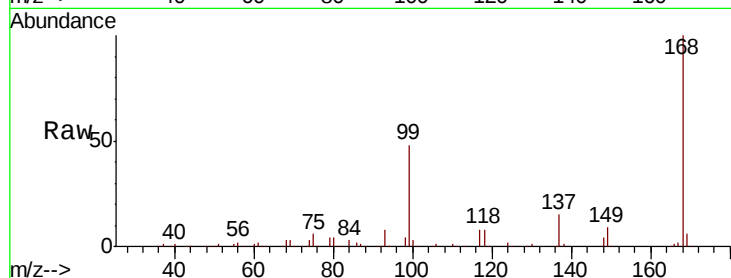
BP-VPB201-GW-700-702

Tgt Ion:168 Resp: 239213

Ion Ratio Lower Upper

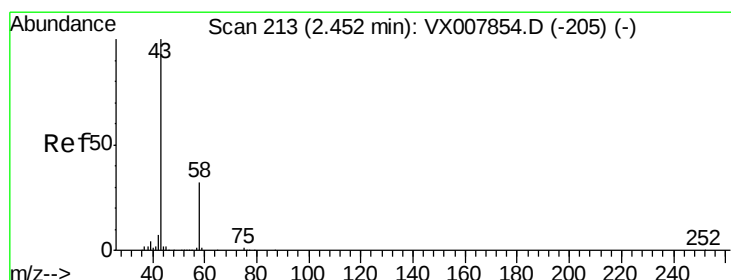
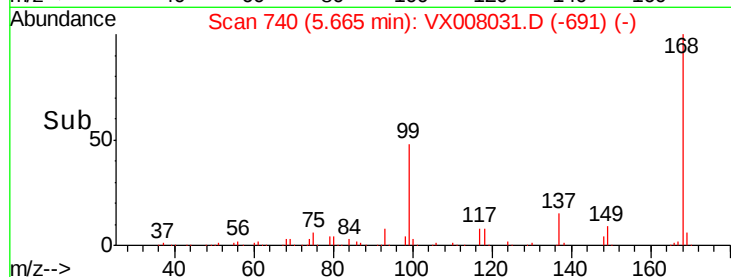
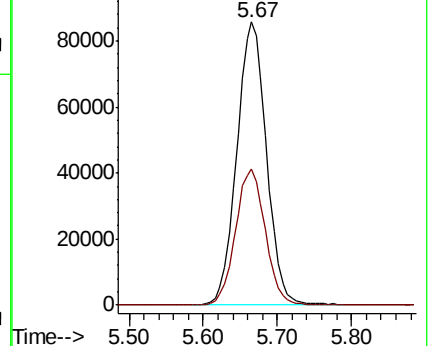
168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.898 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008031.D

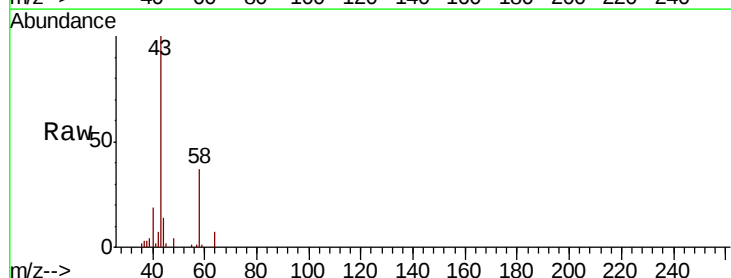
Acq: 12 Mar 2019 21:53

Tgt Ion: 43 Resp: 10075

Ion Ratio Lower Upper

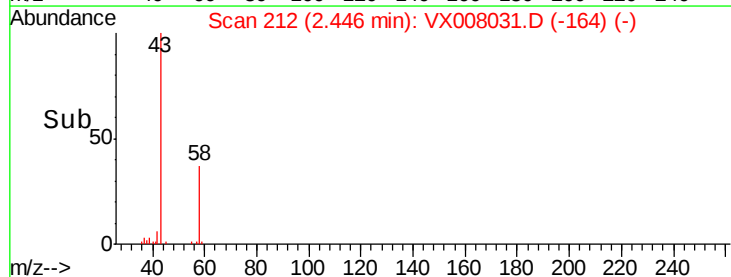
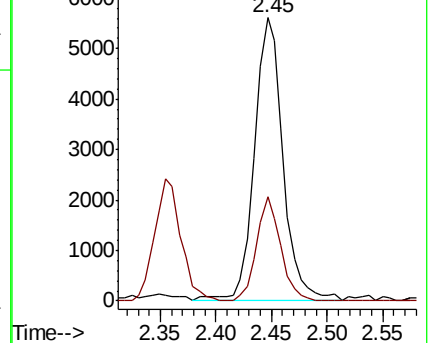
43 100

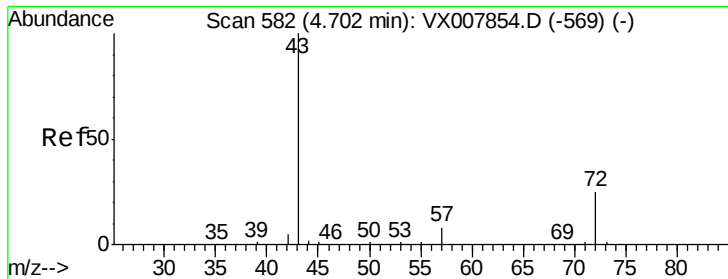
58 36.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.817 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX008031.D

Acq: 12 Mar 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

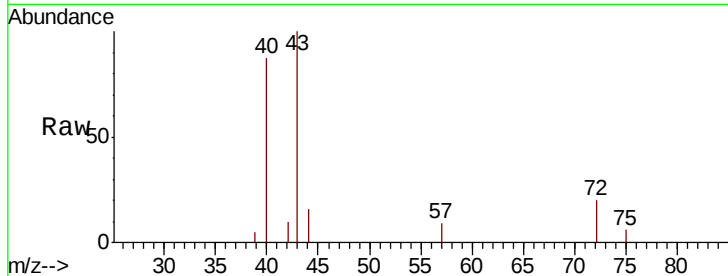
BP-VPB201-GW-700-702

Tgt Ion: 43 Resp: 3757

Ion Ratio Lower Upper

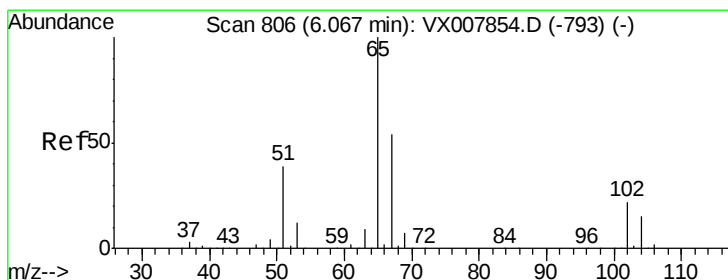
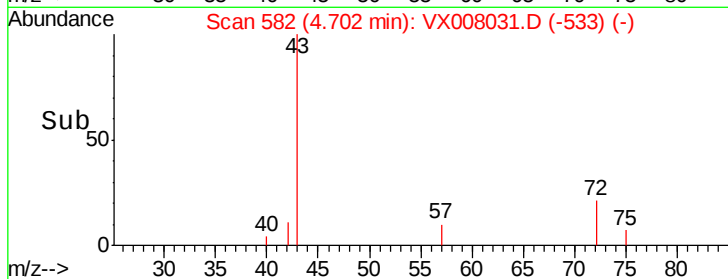
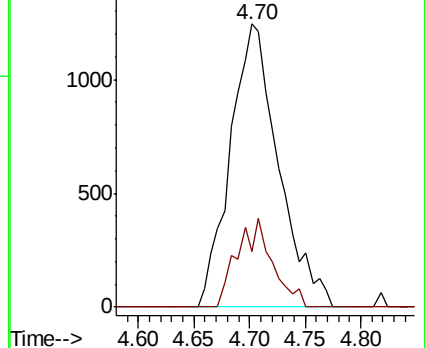
43 100

72 19.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008031.D

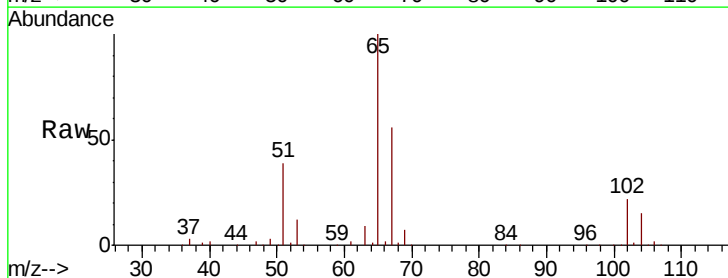
Acq: 12 Mar 2019 21:53

Tgt Ion: 65 Resp: 132265

Ion Ratio Lower Upper

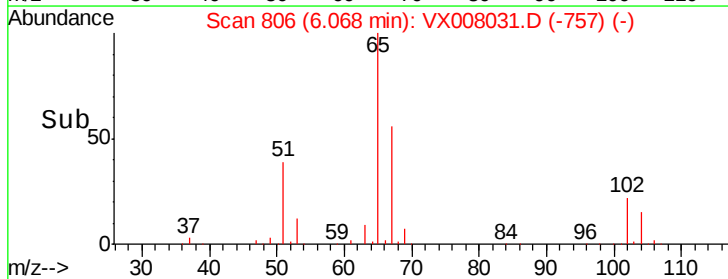
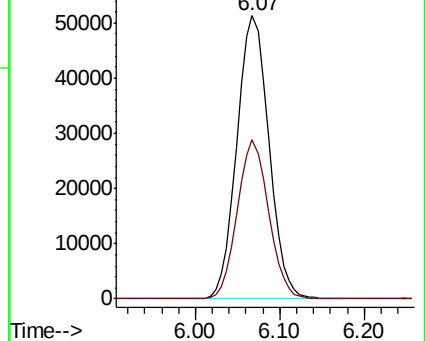
65 100

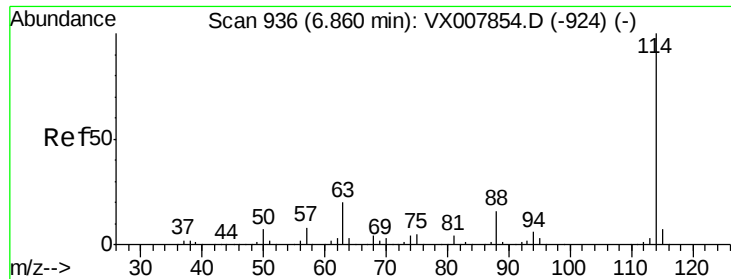
67 55.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

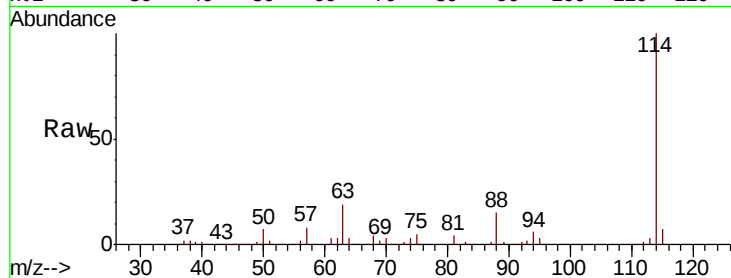




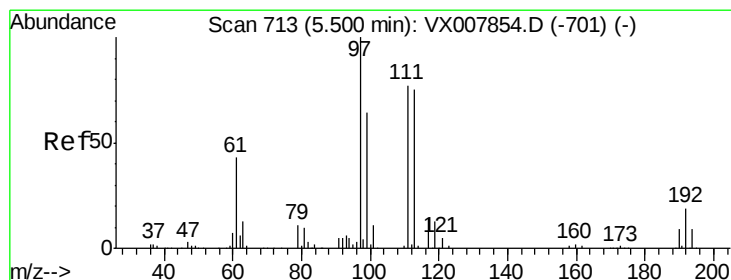
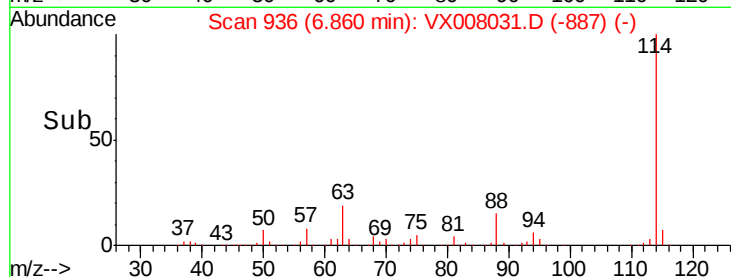
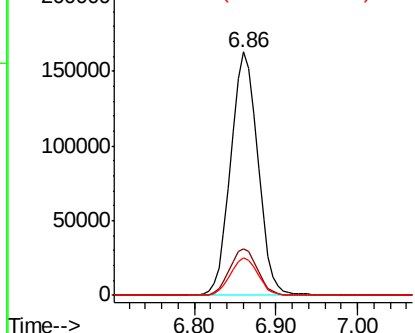
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008031.D
 Acq: 12 Mar 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-700-702

Tgt Ion:114 Resp: 374578
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.4 0.0 31.4

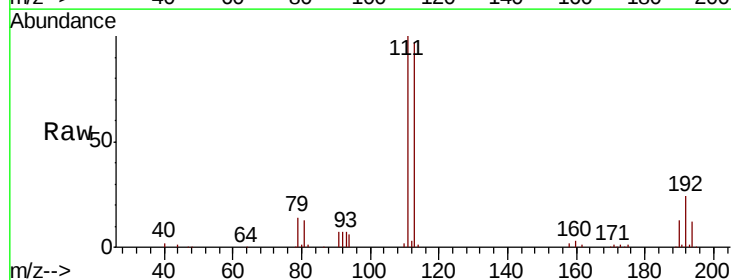


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

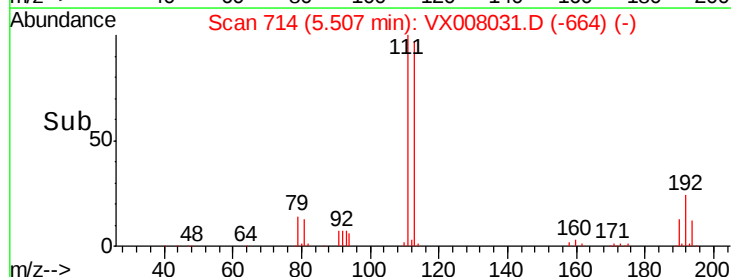
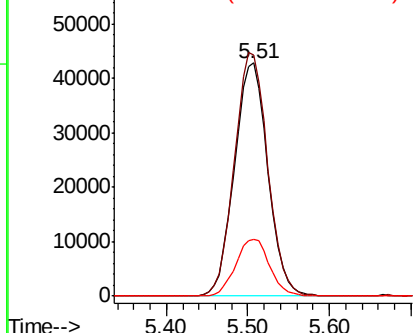


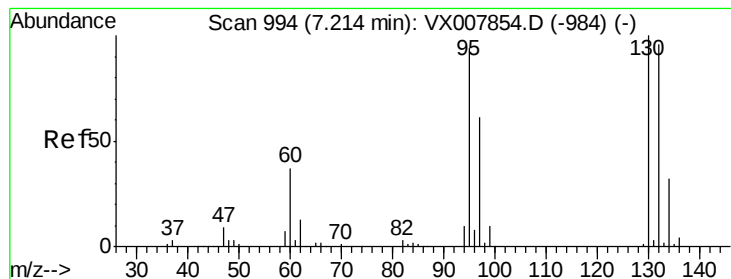
#35
 Dibromofluoromethane
 Concen: 50.872 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008031.D
 Acq: 12 Mar 2019 21:53

Tgt Ion:113 Resp: 121891
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.0
 192 24.9 19.4 29.0



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





#44

Trichloroethene

Concen: 0.994 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008031.D

Acq: 12 Mar 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

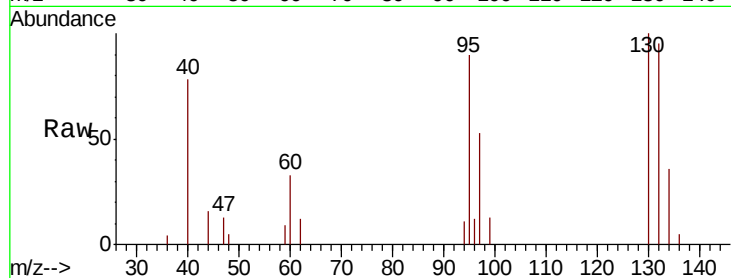
BP-VPB201-GW-700-702

Tgt Ion:130 Resp: 2765

Ion Ratio Lower Upper

130 100

95 90.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1500

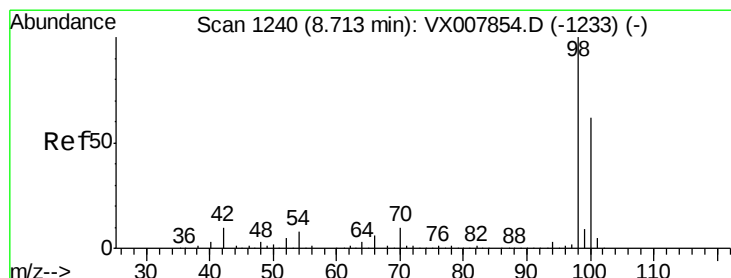
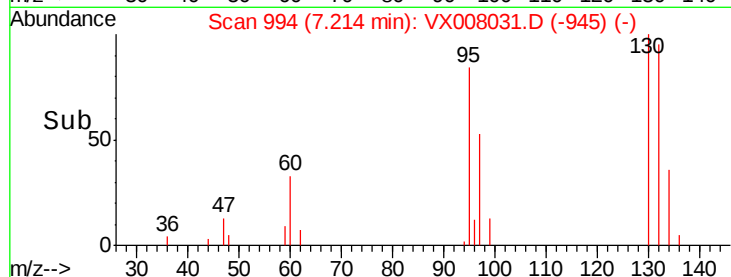
1000

500

0

Time-->

7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 52.118 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008031.D

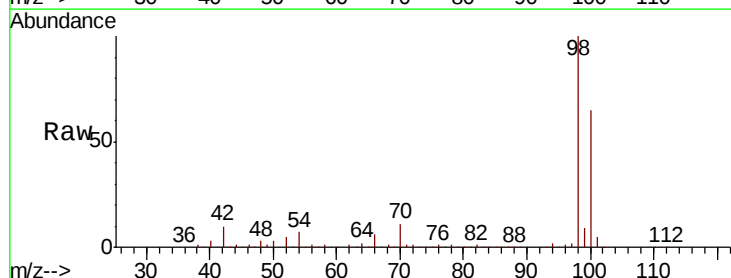
Acq: 12 Mar 2019 21:53

Tgt Ion: 98 Resp: 458617

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

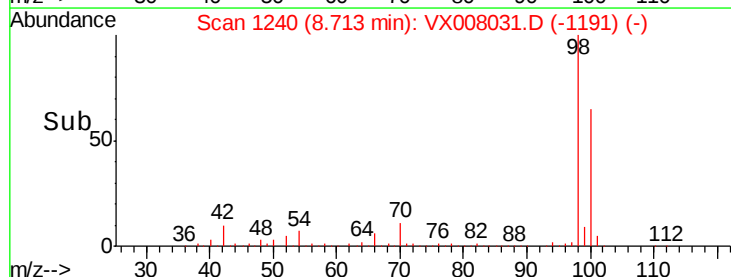
200000

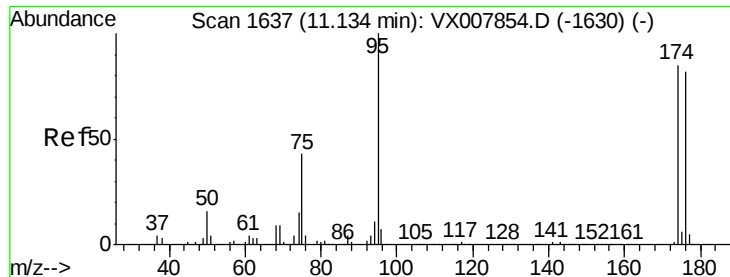
100000

0

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 55.022 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008031.D

Acq: 12 Mar 2019 21:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-700-702

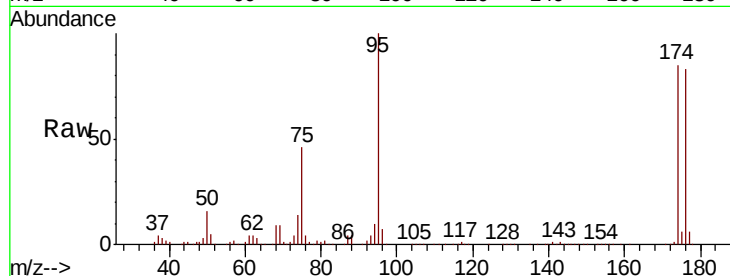
Tgt Ion: 95 Resp: 169751

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.8

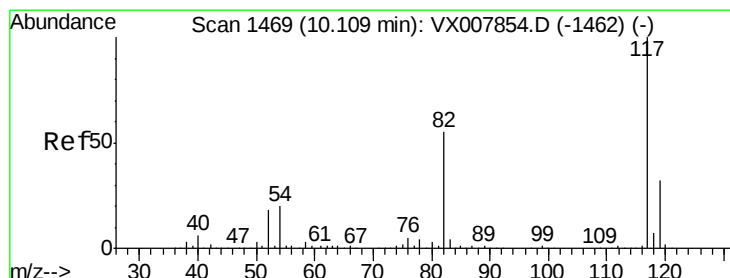
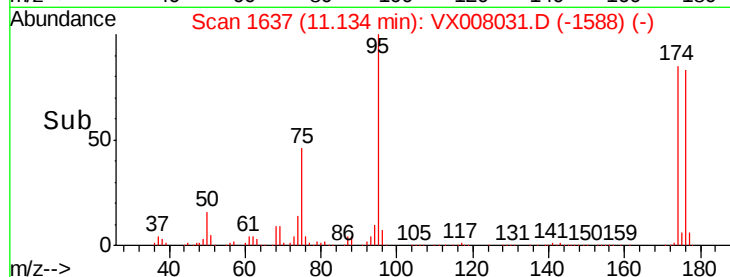
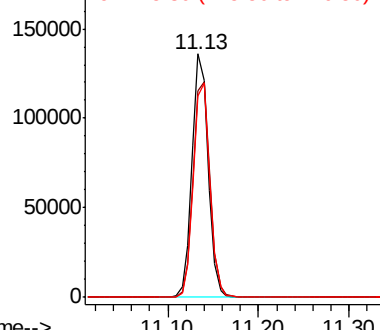
176 90.1 0.0 178.0



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: VX008031.D

Acq: 12 Mar 2019 21:53

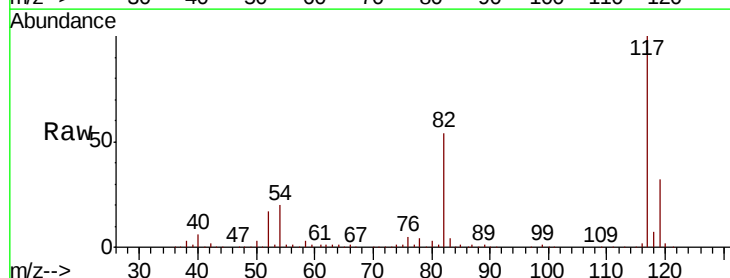
Tgt Ion: 117 Resp: 358108

Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

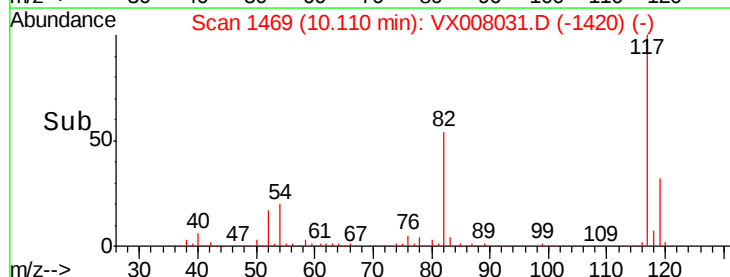
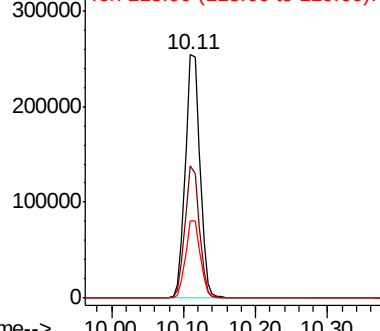
119 31.7 25.3 37.9

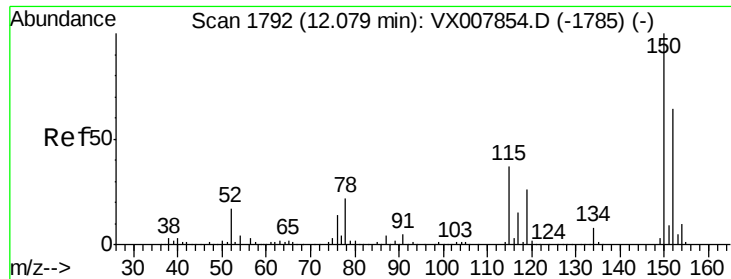


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

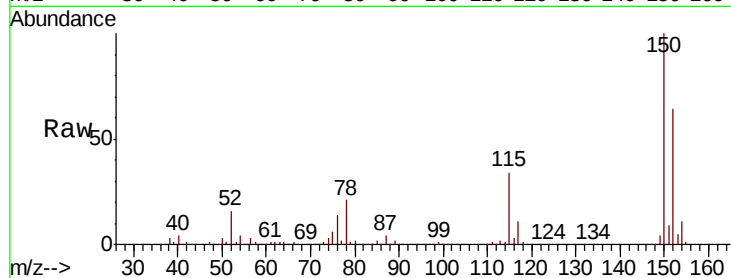




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008031.D
 Acq: 12 Mar 2019 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-700-702

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.6	115.7
150	156.6	0.0	348.4



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

