

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030619\
 Data File : VX007868.D
 Acq On : 06 Mar 2019 18:54
 Operator : JC/SP
 Sample : K1759-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-560-562

Quant Time: Mar 07 08:47:10 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

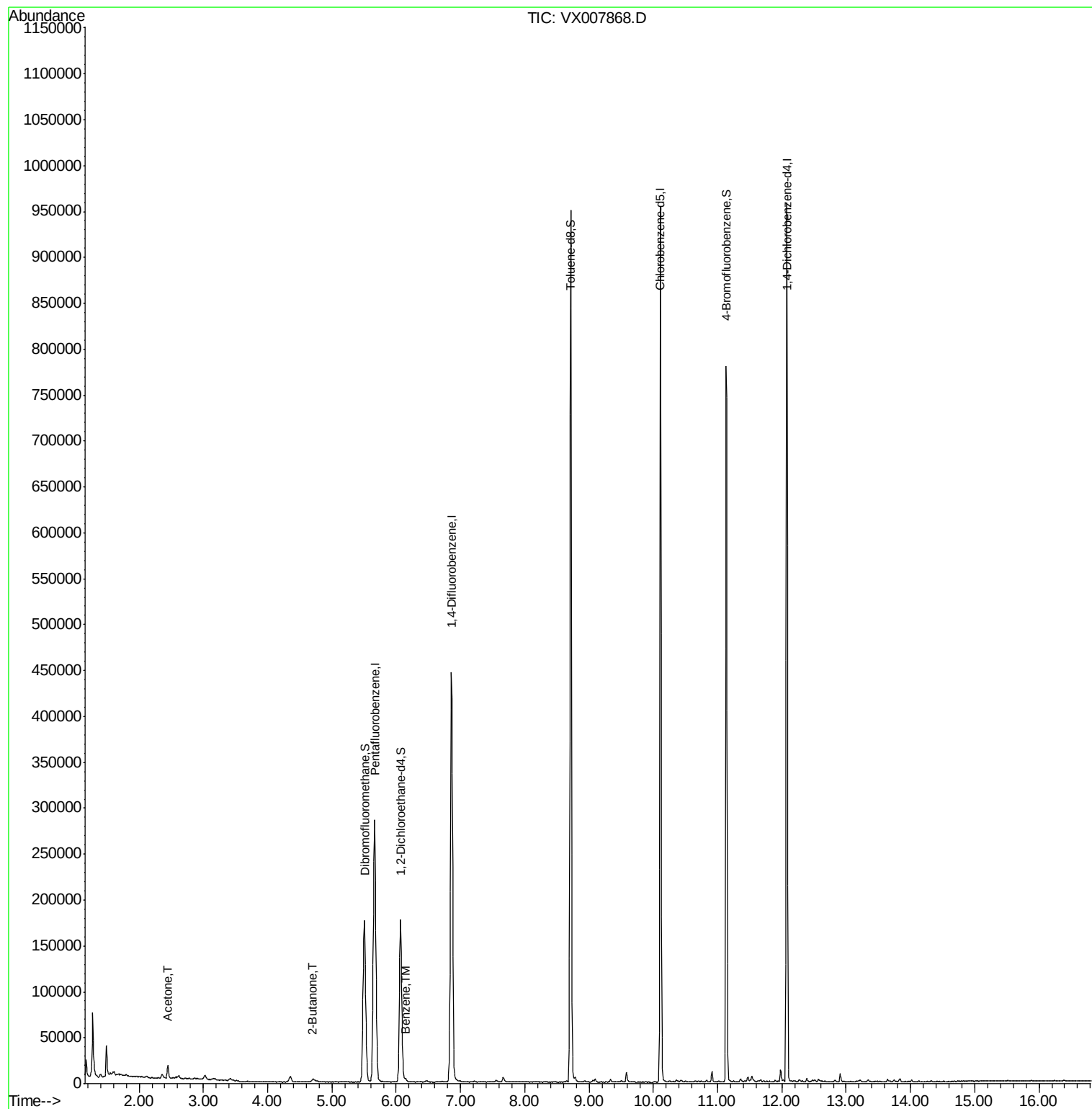
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164624	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	5.51	113	152584	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.71	98	568047	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.13	95	210505	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
Target Compounds						
16) Acetone	2.45	43	15036	8.190	ug/l	100
25) 2-Butanone	4.70	43	5767	2.219	ug/l	98
40) Benzene	6.15	78	3514	0.278	ug/l	92

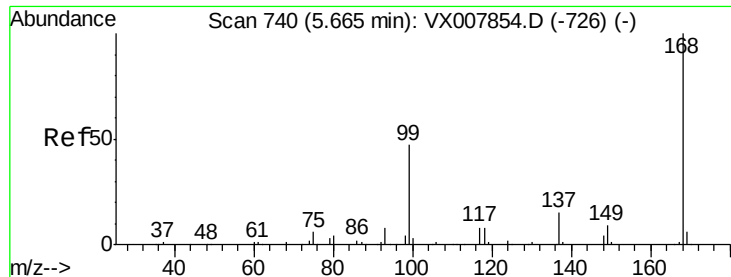
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

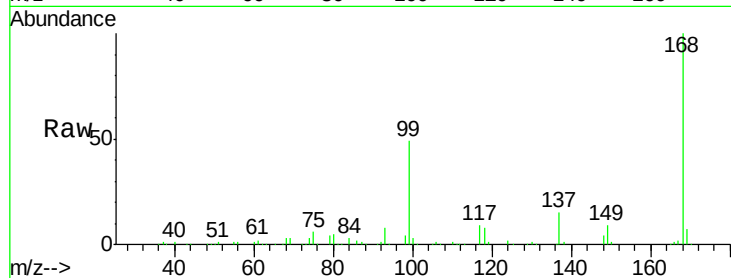
BP-VPB201-GW-560-562

Tot Ion:168 Resp: 300677

Ion Ratio Lower Upper

168 100

99 49.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

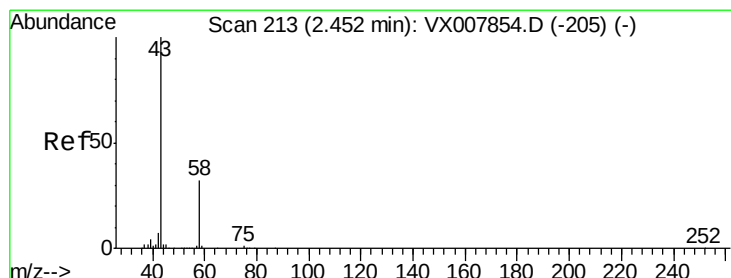
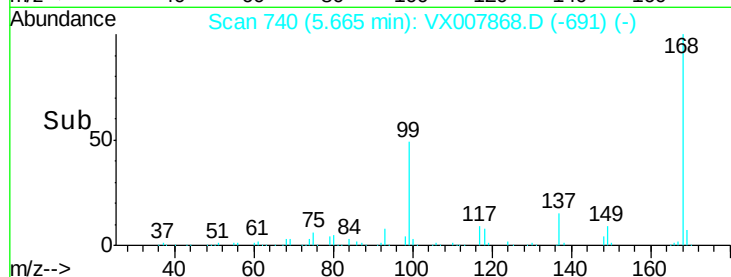
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.190 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007868.D

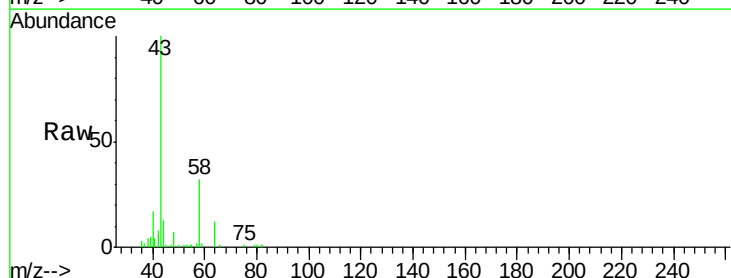
Acq: 06 Mar 2019 18:54

Tgt Ion: 43 Resp: 15036

Ion Ratio Lower Upper

43 100

58 31.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

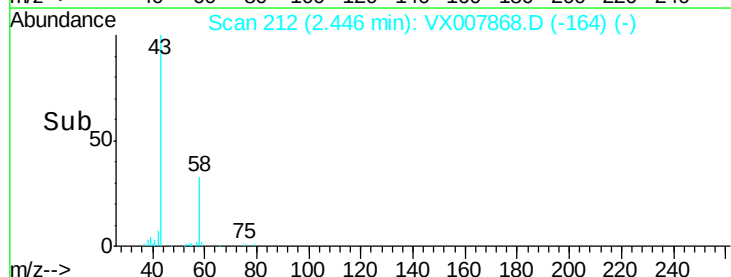
6000

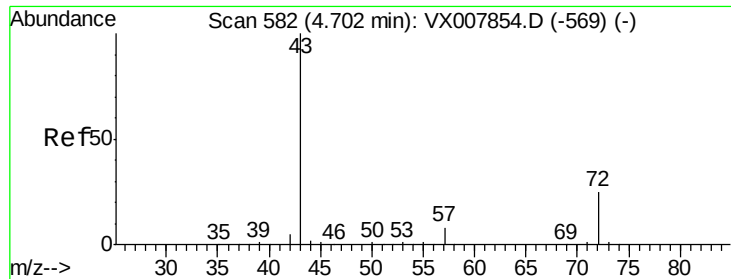
4000

2000

0

Time--> 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 2.219 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007868.D

Acq: 06 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

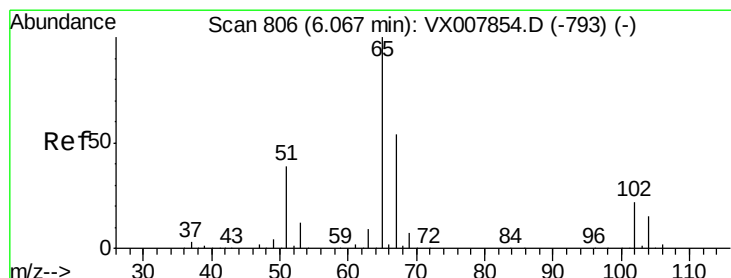
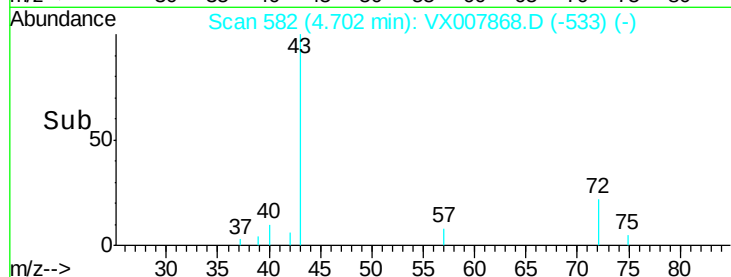
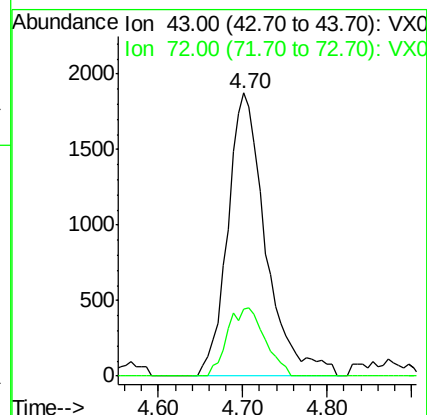
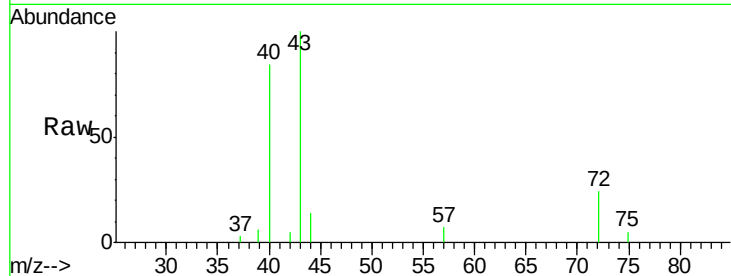
BP-VPB201-GW-560-562

Tot Ion: 43 Resp: 5767

Ion Ratio Lower Upper

43 100

72 23.9 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 51.902 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007868.D

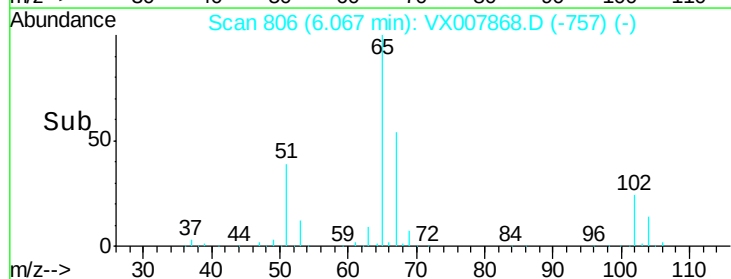
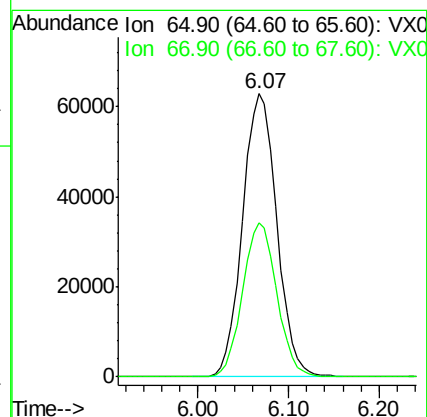
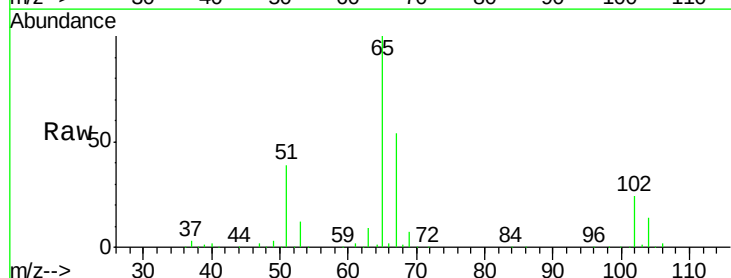
Acq: 06 Mar 2019 18:54

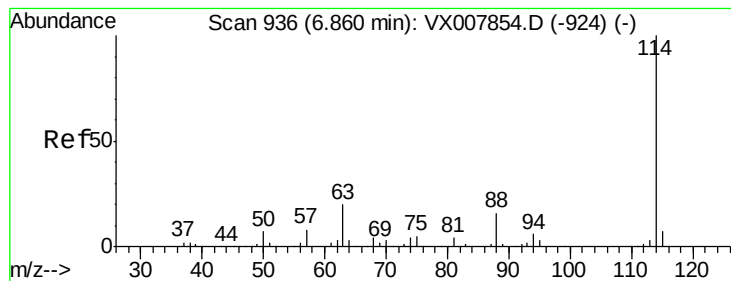
Tgt Ion: 65 Resp: 164624

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007868.D

Acq: 06 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-560-562

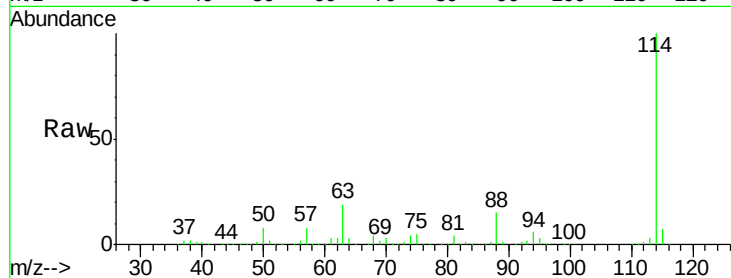
Tot Ion:114 Resp: 469235

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

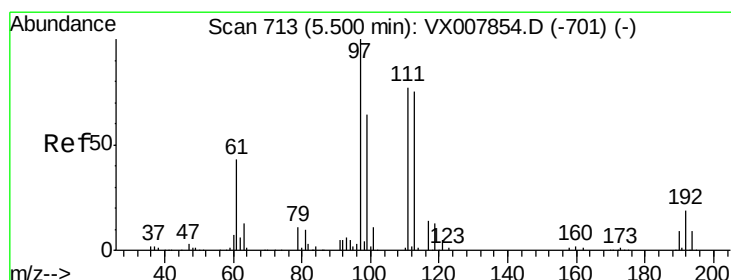
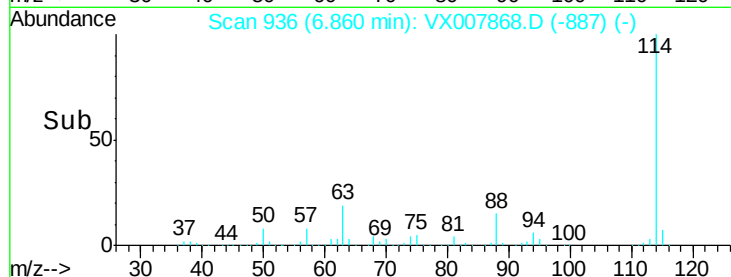
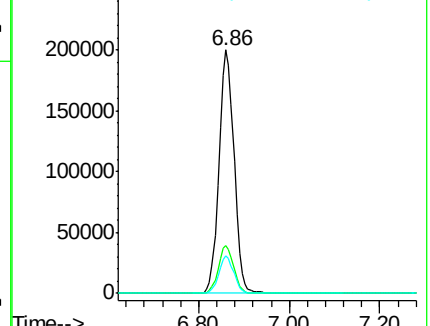
88 15.2 0.0 31.4



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: 50.835 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007868.D

Acq: 06 Mar 2019 18:54

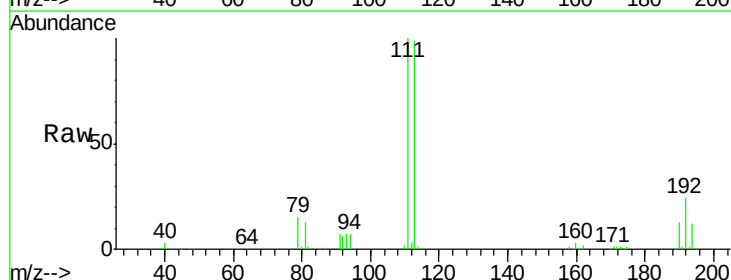
Tgt Ion:113 Resp: 152584

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

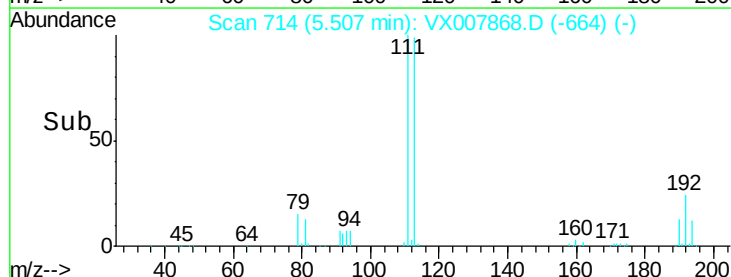
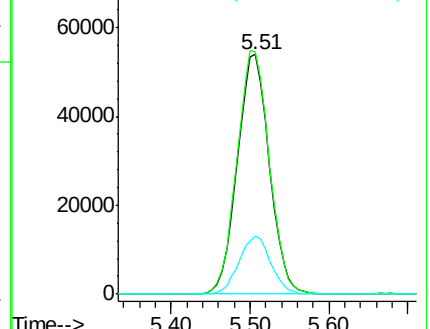
192 24.0 19.4 29.0

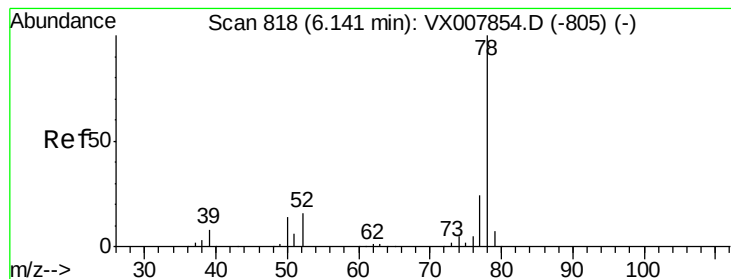


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.278 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007868.D

Acq: 06 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

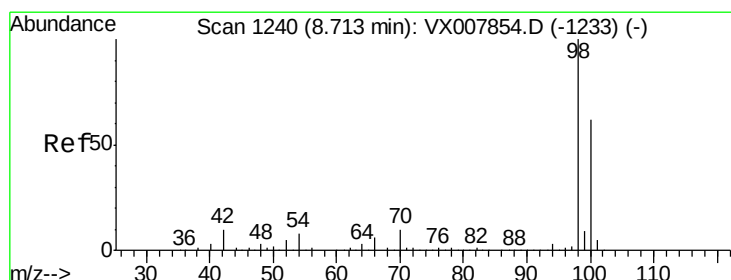
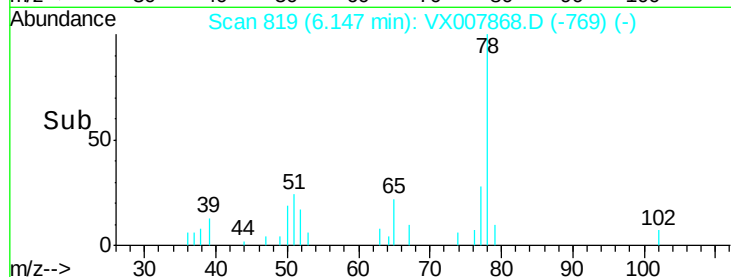
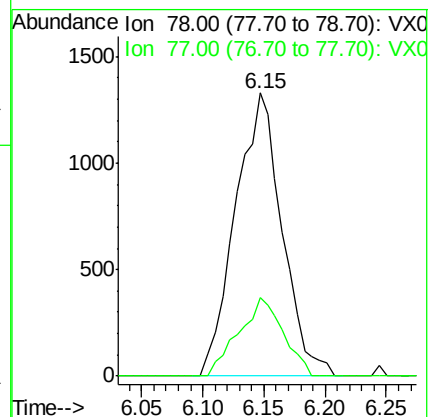
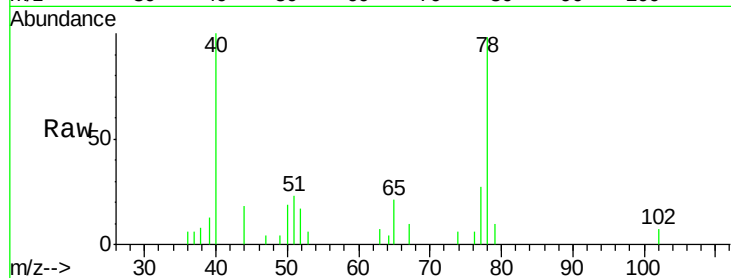
BP-VPB201-GW-560-562

Tot Ion: 78 Resp: 3514

Ion Ratio Lower Upper

78 100

77 27.6 19.0 28.4



#50

Toluene-d8

Concen: 51.531 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007868.D

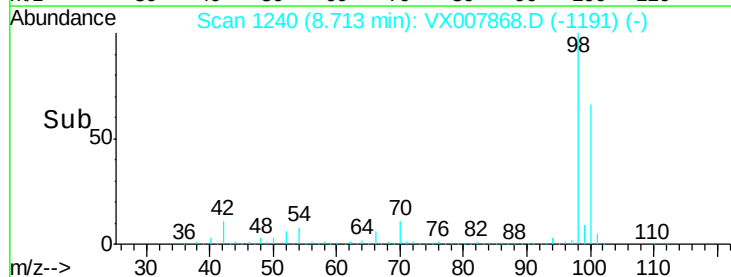
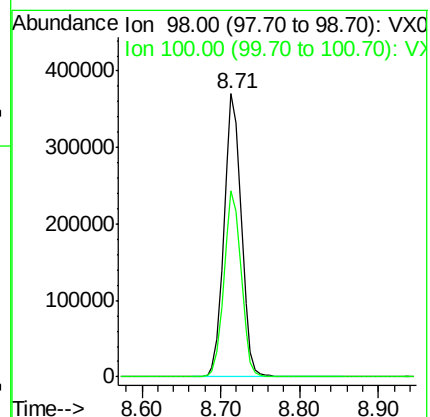
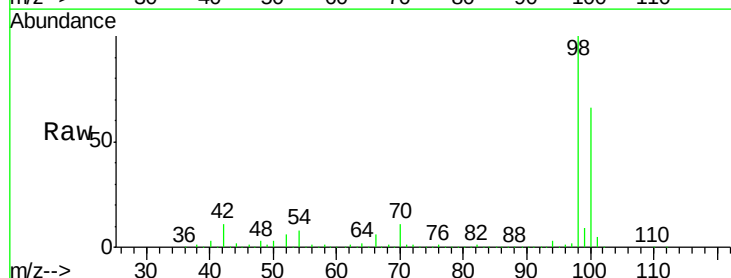
Acq: 06 Mar 2019 18:54

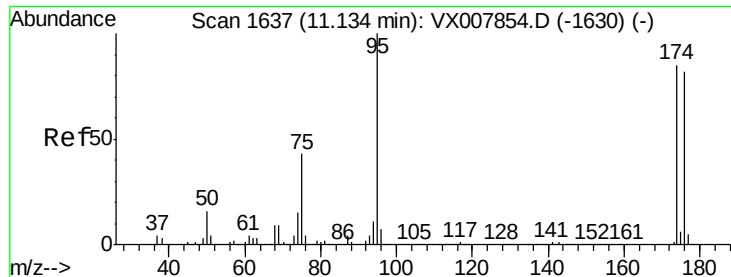
Tgt Ion: 98 Resp: 568047

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5

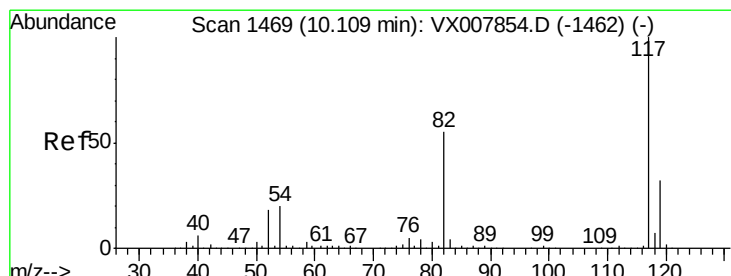
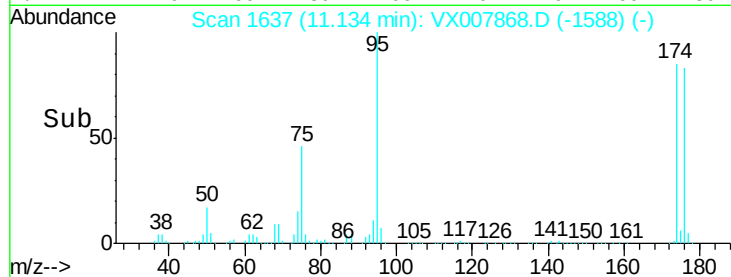
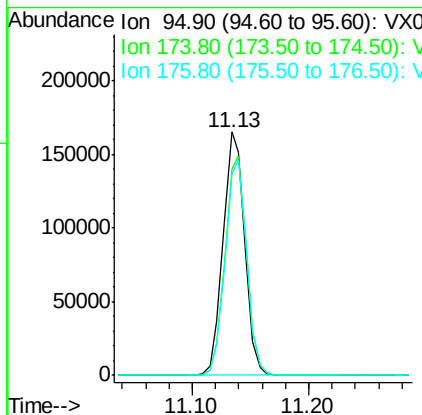
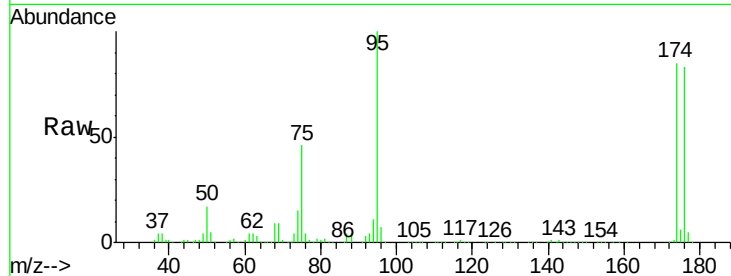




#62
 4-Bromofluorobenzene
 Concen: 54.467 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007868.D
 Acq: 06 Mar 2019 18:54

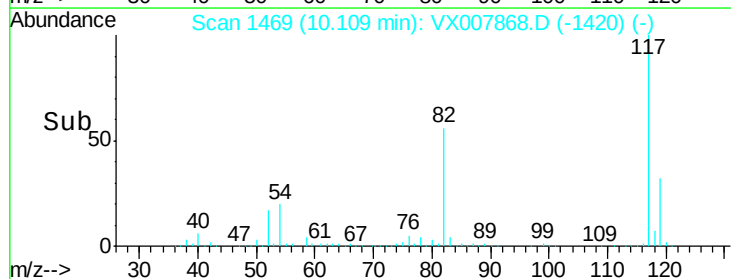
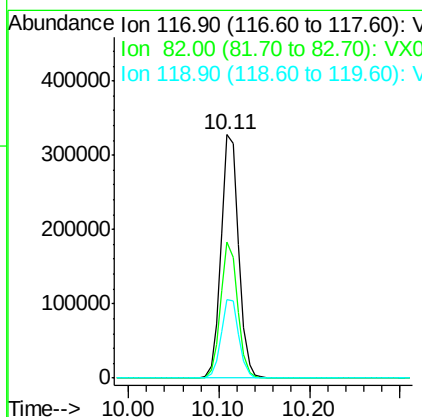
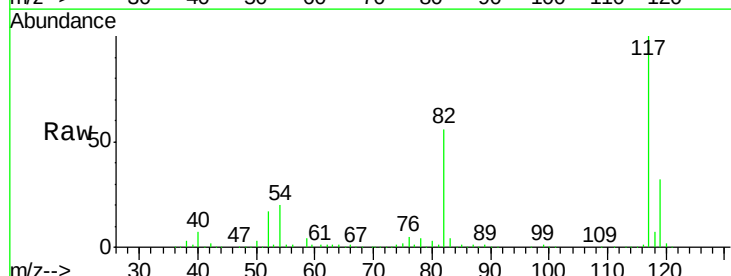
Instrument :
 MSVOA_X
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 BP-VPB201-GW-560-562

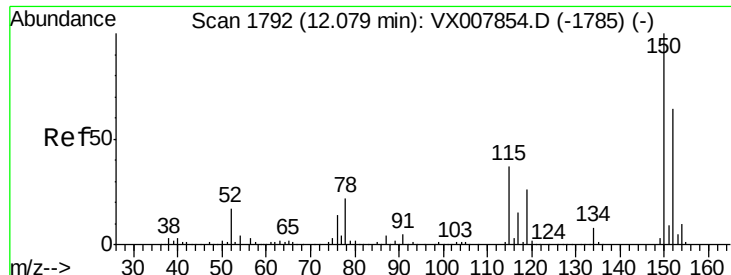
Tot Ion: 95 Resp: 210505
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 182.8
 176 88.8 0.0 178.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX007868.D
 Acq: 06 Mar 2019 18:54

Tgt Ion: 117 Resp: 440856
 Ion Ratio Lower Upper
 117 100
 82 56.2 44.3 66.5
 119 32.2 25.3 37.9

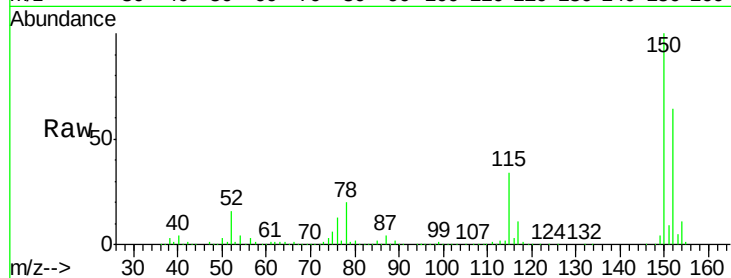




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007868.D
 Acq: 06 Mar 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-560-562

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.6	115.7
150	157.4	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

