

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008028.D
 Acq On : 12 Mar 2019 20:34
 Operator : JC/SP
 Sample : K1840-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-660-642

Quant Time: Mar 13 06:43:38 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

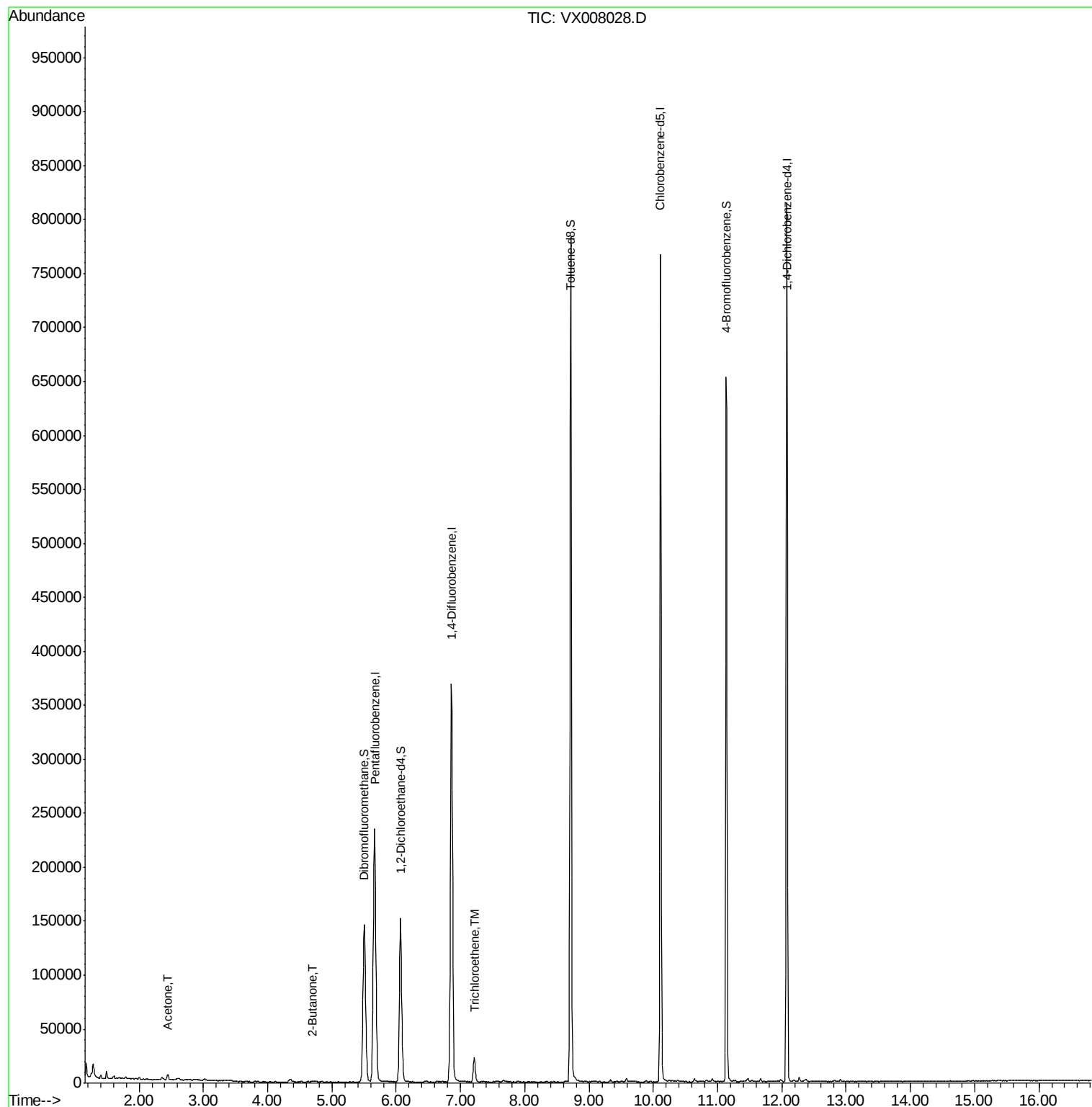
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137444	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	5.51	113	126946	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	476365	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	174443	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
Target Compounds						
16) Acetone	2.45	43	5501	3.634	ug/l	96
25) 2-Butanone	4.70	43	1829	0.853	ug/l	95
44) Trichloroethene	7.21	130	9502	3.281	ug/l	87

(#) = 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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ClientSampleId :

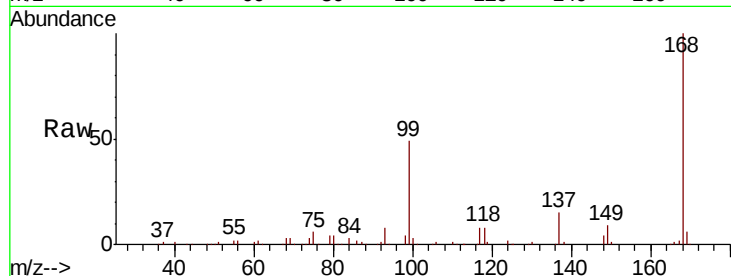
BP-VPB201-GW-660-642

Tgt Ion:168 Resp: 247923

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

60000

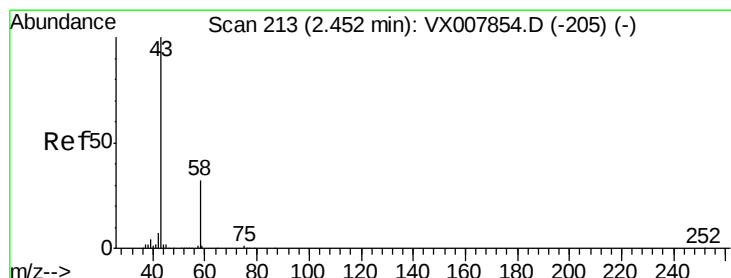
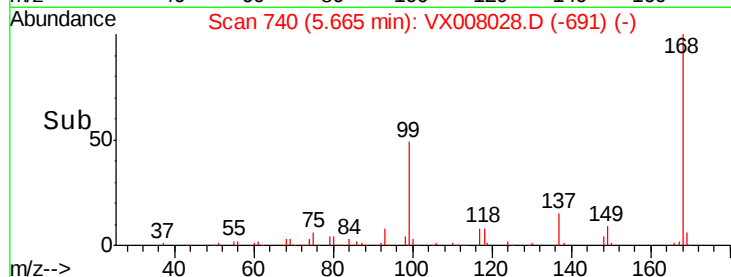
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 3.634 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008028.D

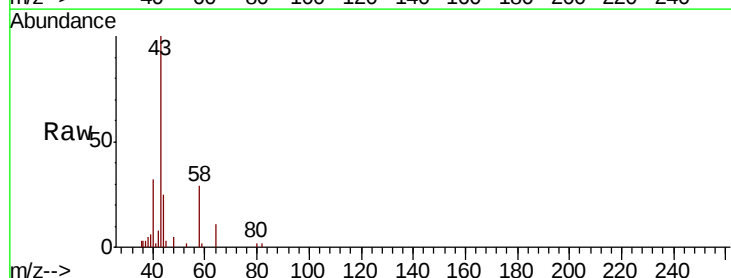
Acq: 12 Mar 2019 20:34

Tgt Ion: 43 Resp: 5501

Ion Ratio Lower Upper

43 100

58 29.6 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

4000

3000

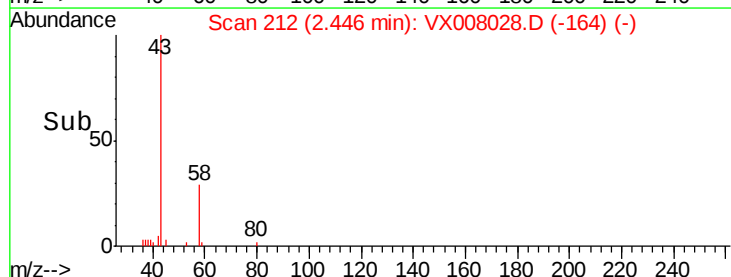
2000

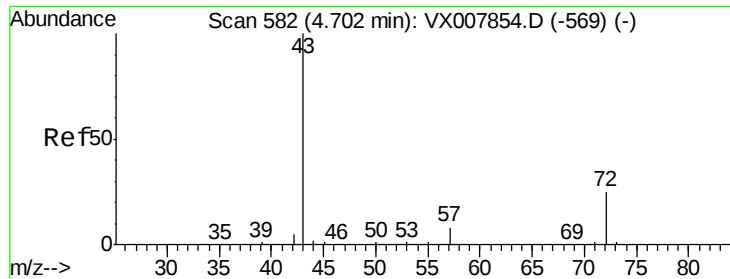
1000

0

Time-->

2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 0.853 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX008028.D

Acq: 12 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

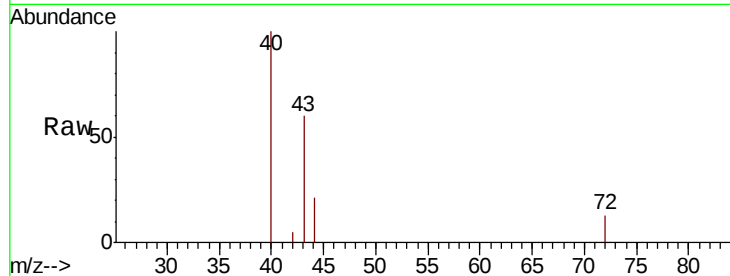
BP-VPB201-GW-660-642

Tgt Ion: 43 Resp: 1829

Ion Ratio Lower Upper

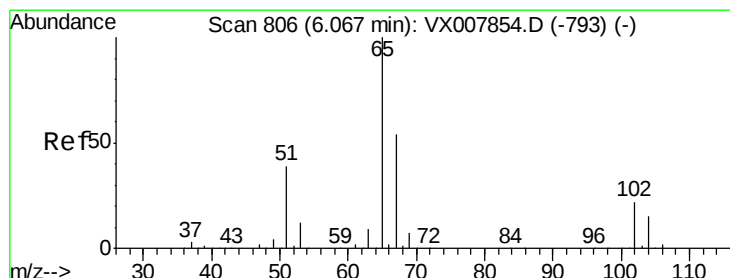
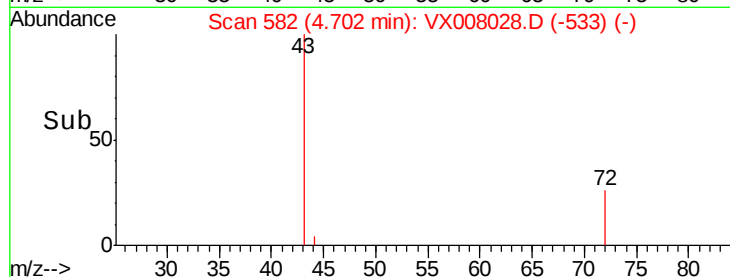
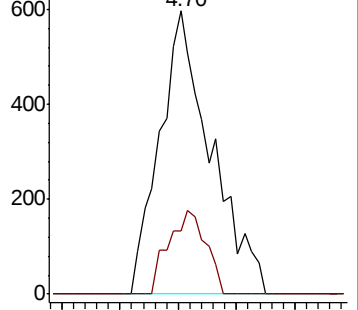
43 100

72 22.4 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: 52.553 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008028.D

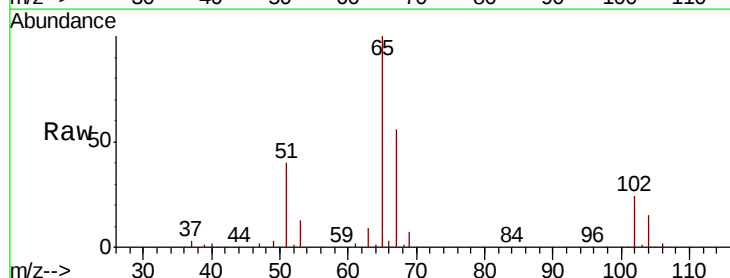
Acq: 12 Mar 2019 20:34

Tgt Ion: 65 Resp: 137444

Ion Ratio Lower Upper

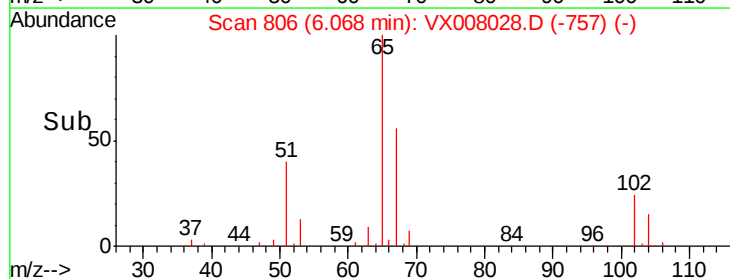
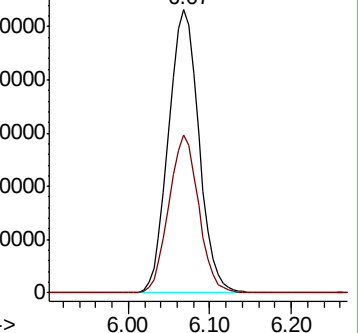
65 100

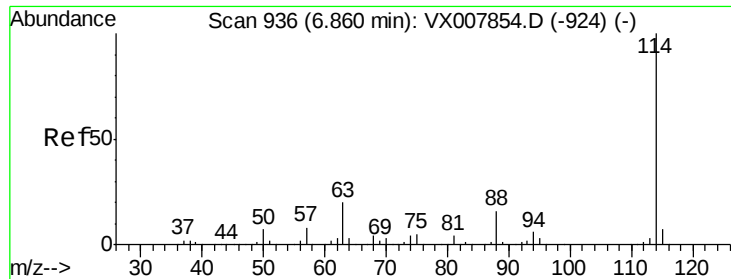
67 54.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

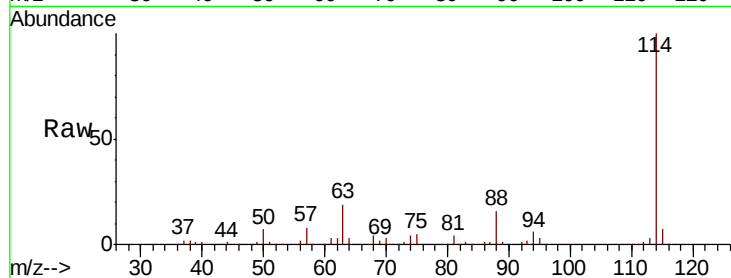




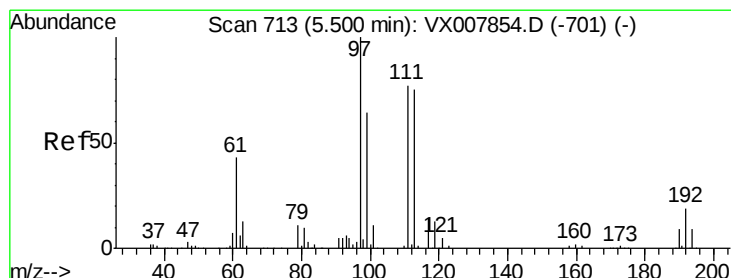
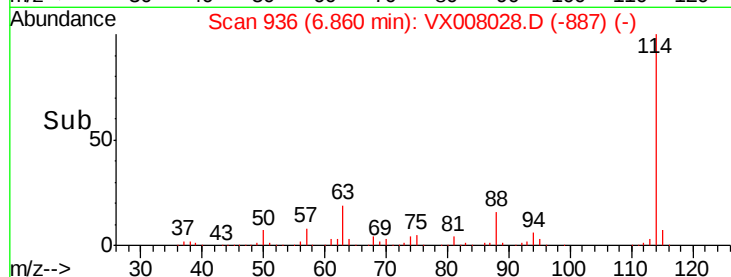
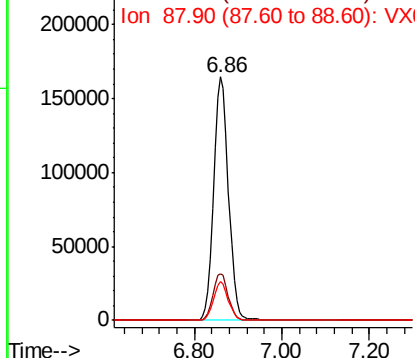
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008028.D
 Acq: 12 Mar 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-660-642

Tgt Ion:114 Resp: 389863
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 16.0 0.0 31.4

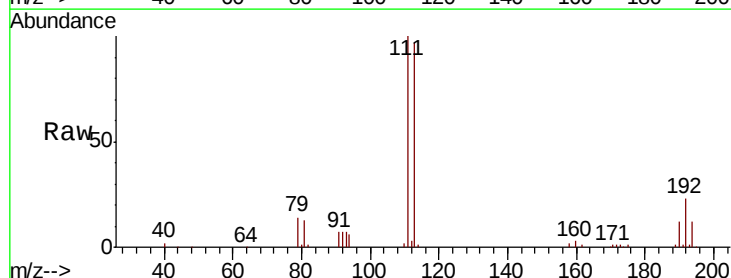


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

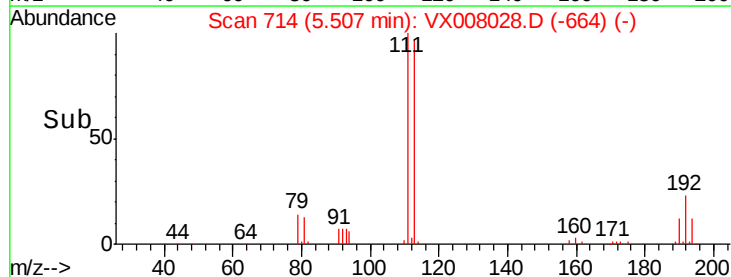
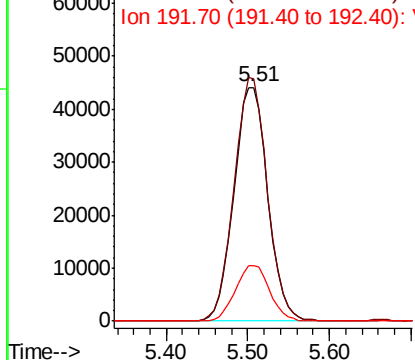


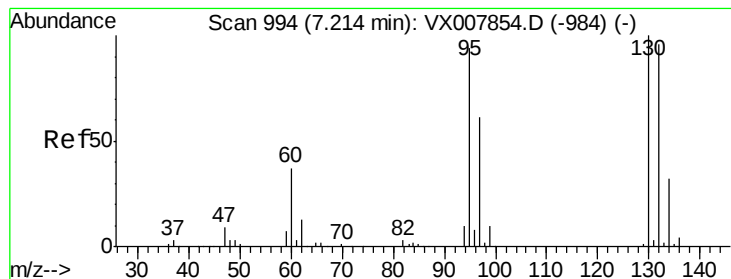
#35
 Dibromofluoromethane
 Concen: 50.904 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008028.D
 Acq: 12 Mar 2019 20:34

Tgt Ion:113 Resp: 126946
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 24.3 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: 3.281 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008028.D

Acq: 12 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

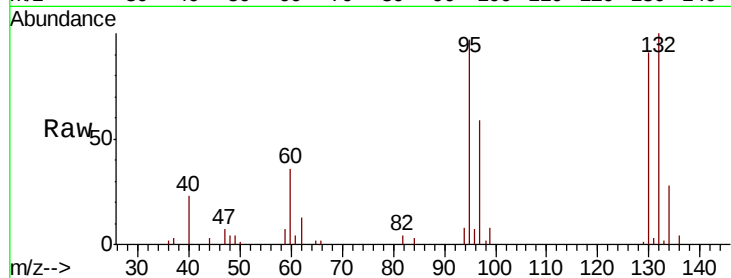
BP-VPB201-GW-660-642

Tgt Ion:130 Resp: 9502

Ion Ratio Lower Upper

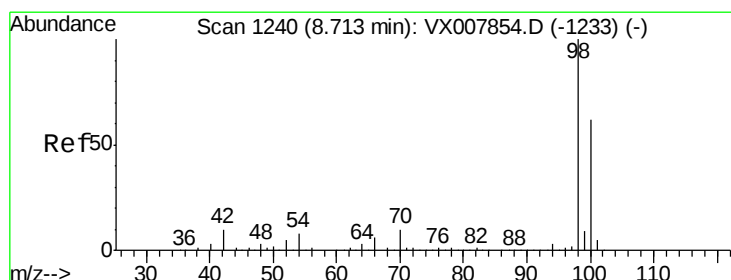
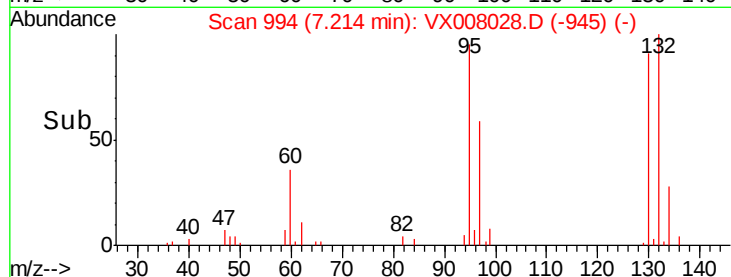
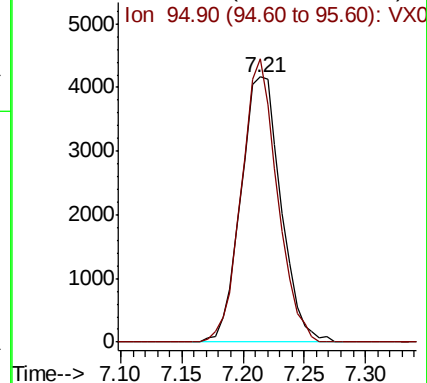
130 100

95 106.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.012 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008028.D

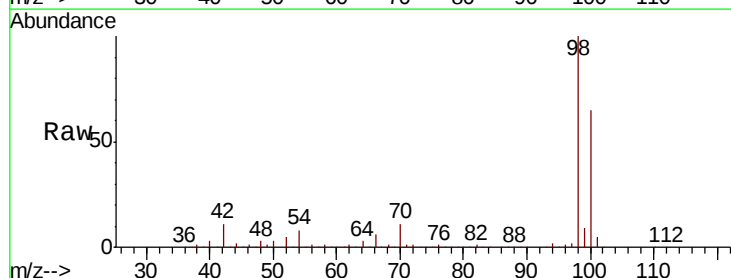
Acq: 12 Mar 2019 20:34

Tgt Ion: 98 Resp: 476365

Ion Ratio Lower Upper

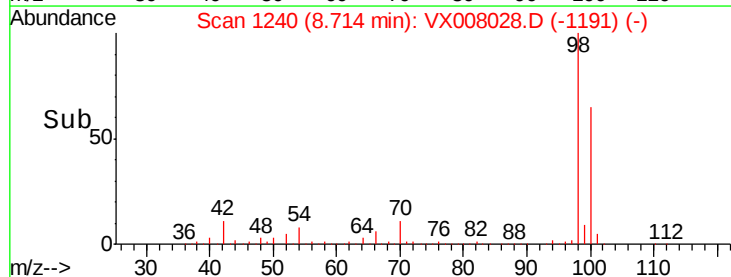
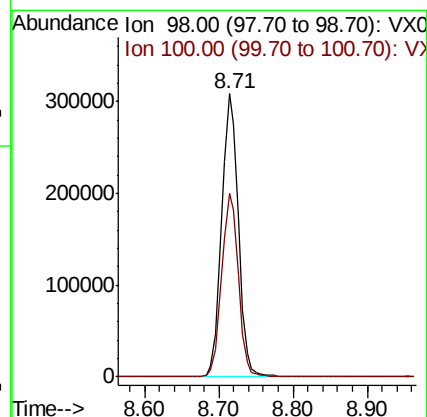
98 100

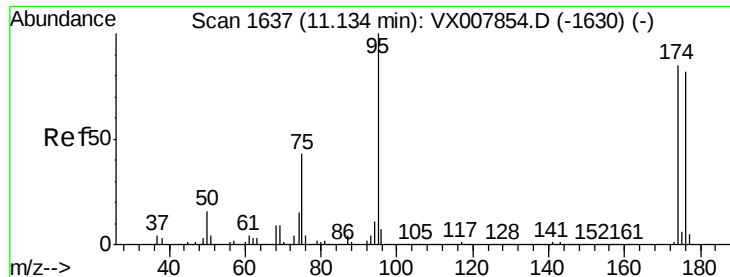
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

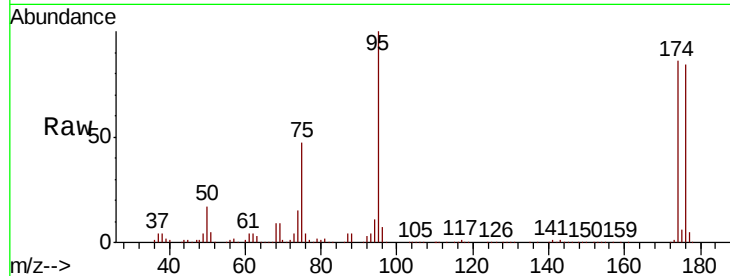




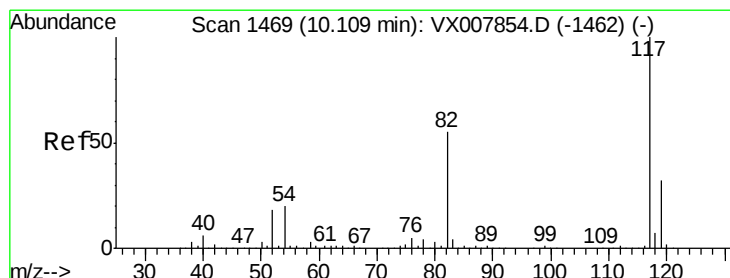
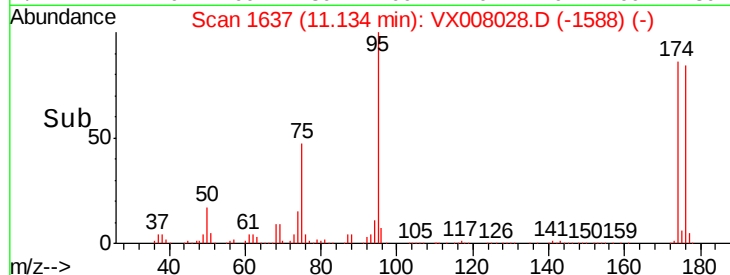
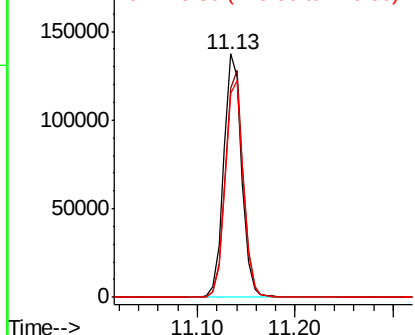
#62
4-Bromofluorobenzene
Concen: 54.326 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008028.D
Acq: 12 Mar 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-660-642

Tgt Ion: 95 Resp: 174443
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.8
176 89.5 0.0 178.0

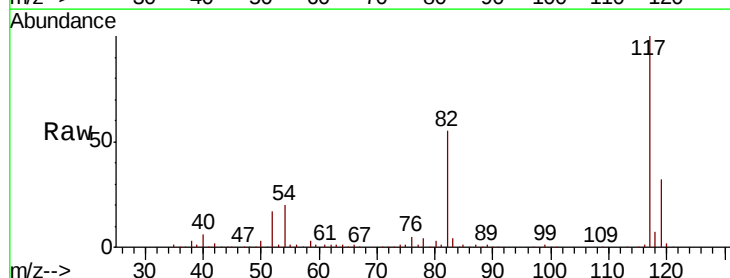


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

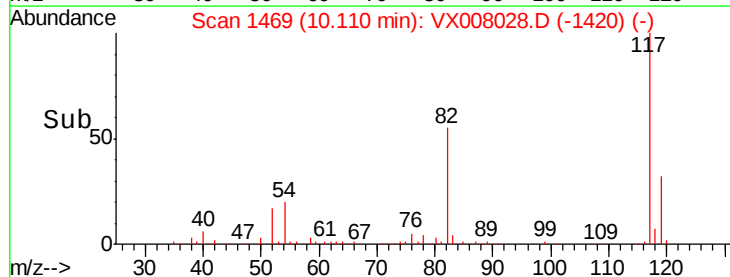
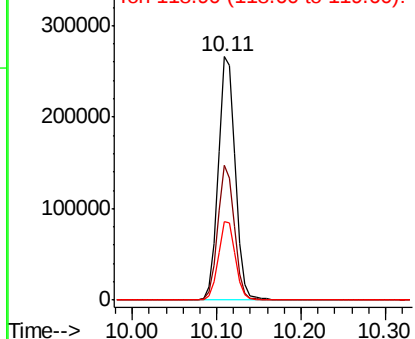


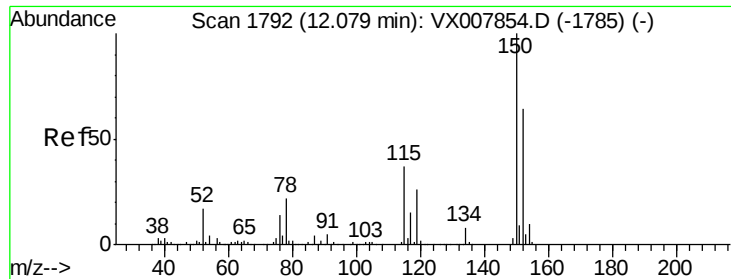
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008028.D
Acq: 12 Mar 2019 20:34

Tgt Ion: 117 Resp: 372770
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.2 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: VX008028.D

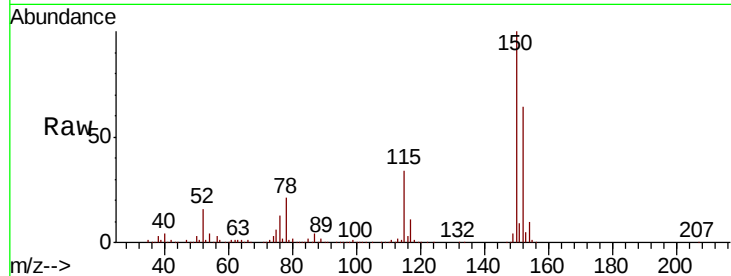
Acq: 12 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-660-642



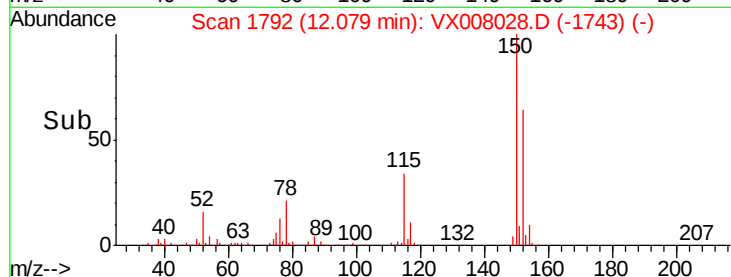
Tgt Ion:152 Resp: 178462

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.5 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

