

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
 Data File : VX007496.D
 Acq On : 12 Feb 2019 18:37
 Operator : JC/SP
 Sample : K1460-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190208

Quant Time: Feb 13 01:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

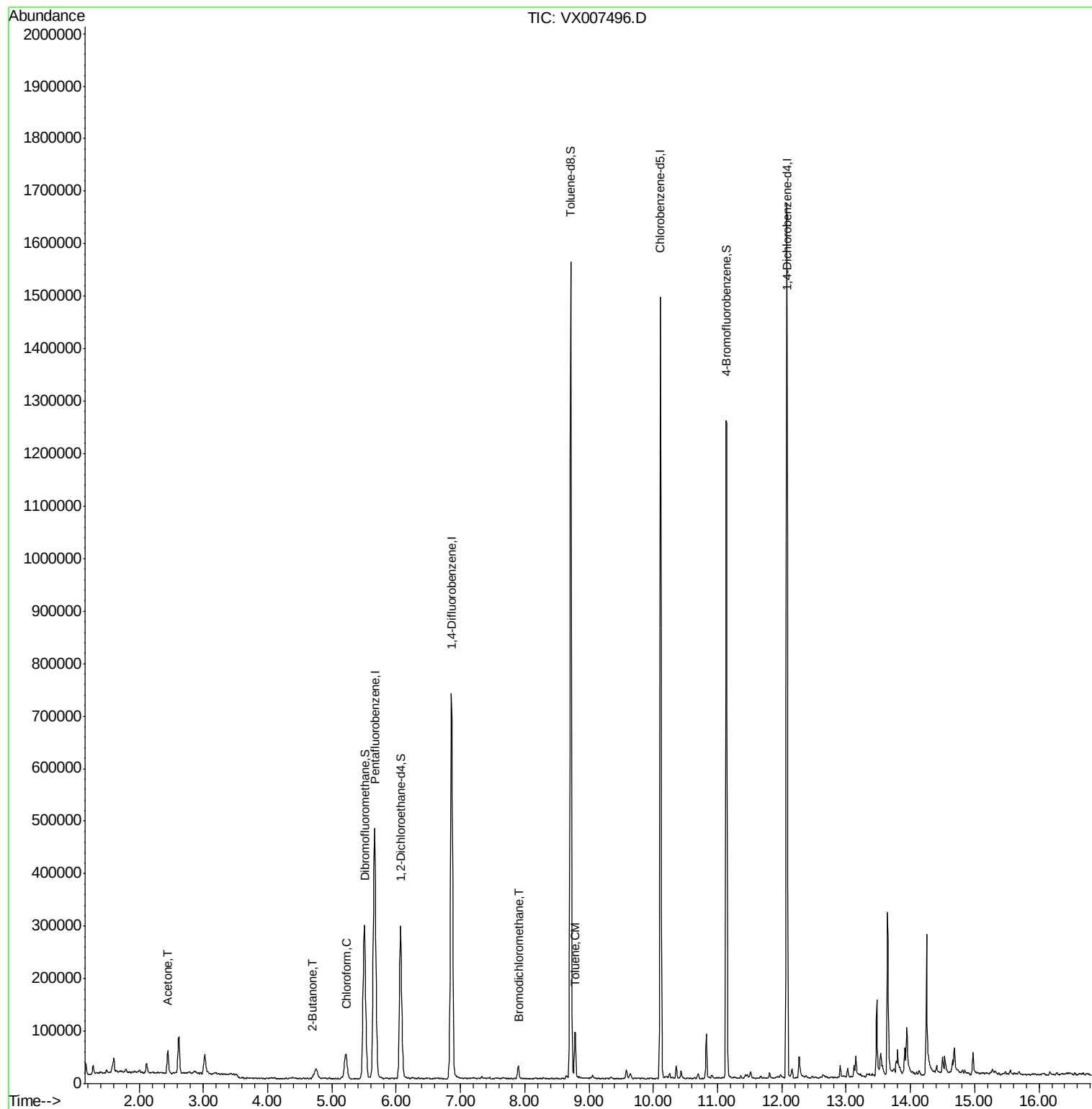
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	499933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	777776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	356590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	267328	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	249488	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	933286	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	336081	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
16) Acetone	2.45	43	45079	18.546	ug/l	100
25) 2-Butanone	4.70	43	8480	2.451	ug/l #	87
30) Chloroform	5.22	83	57682	6.728	ug/l	98
47) Bromodichloromethane	7.90	83	14905	2.349	ug/l	94
52) Toluene	8.78	92	34191	2.578	ug/l	99

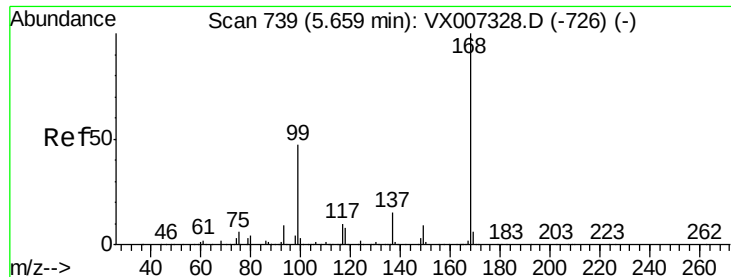
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007496.D

Acq: 12 Feb 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

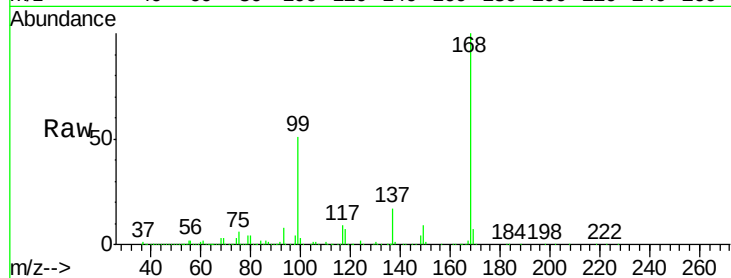
WC-20190208

Tot Ion:168 Resp: 499933

Ion Ratio Lower Upper

168 100

99 50.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

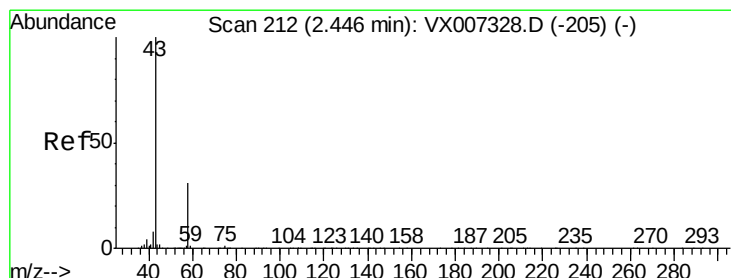
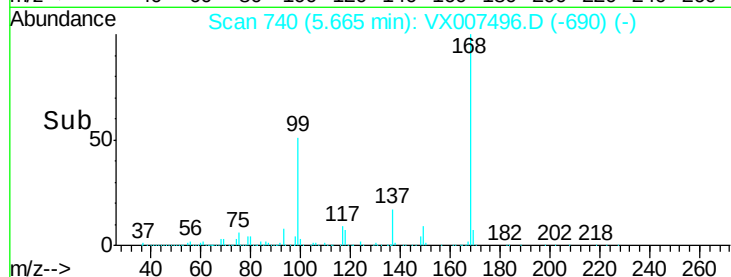
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.546 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007496.D

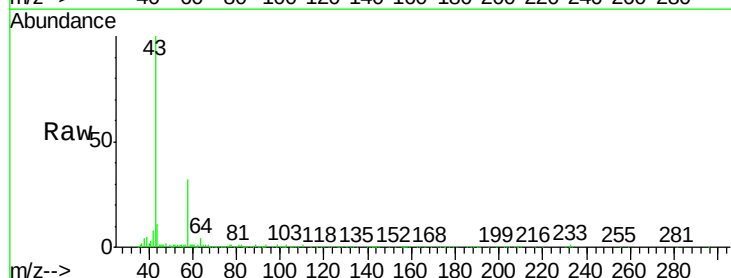
Acq: 12 Feb 2019 18:37

Tgt Ion: 43 Resp: 45079

Ion Ratio Lower Upper

43 100

58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

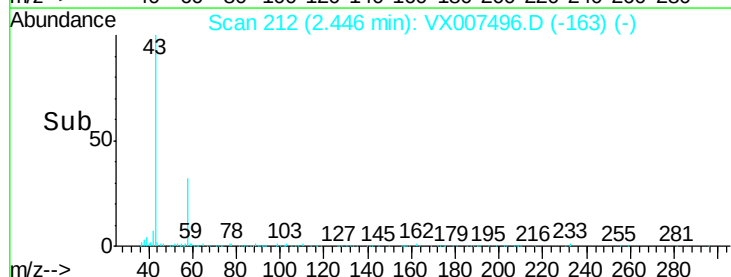
15000

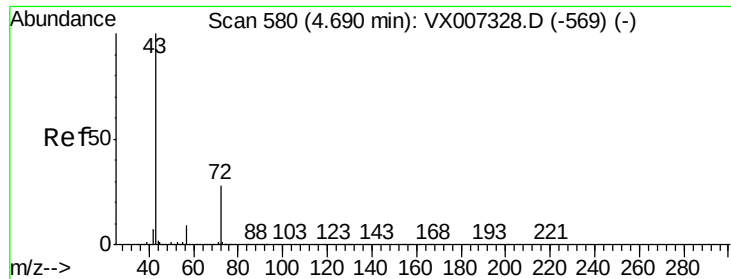
10000

5000

0

Time--> 2.40 2.45 2.50





#25

2-Butanone

Concen: 2.451 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007496.D

Acq: 12 Feb 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

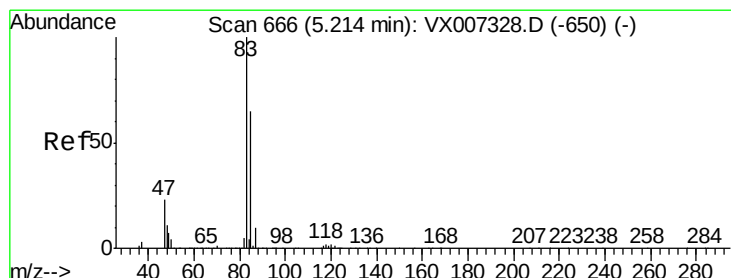
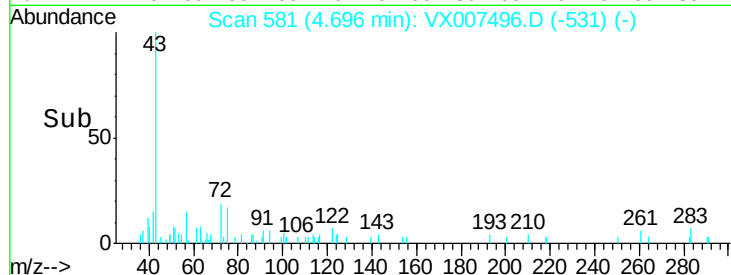
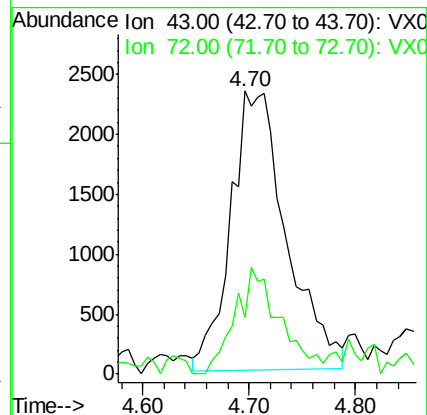
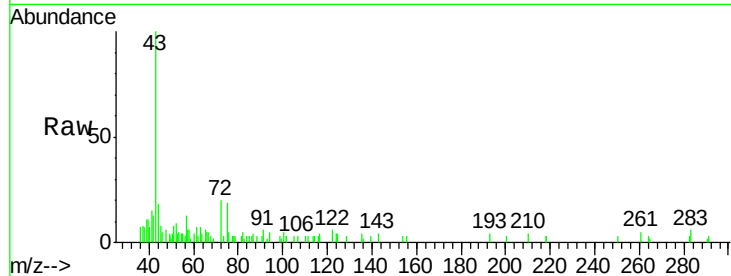
WC-20190208

Tot Ion: 43 Resp: 8480

Ion Ratio Lower Upper

43 100

72 21.1 22.2 33.2#



#30

Chloroform

Concen: 6.728 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007496.D

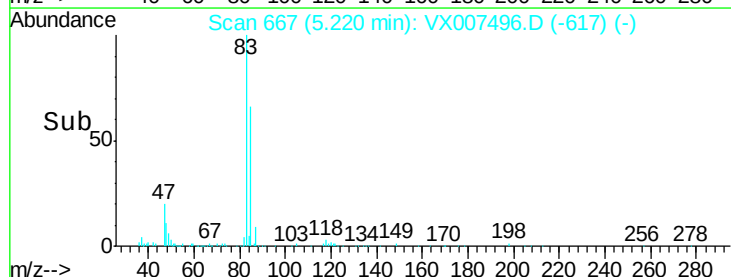
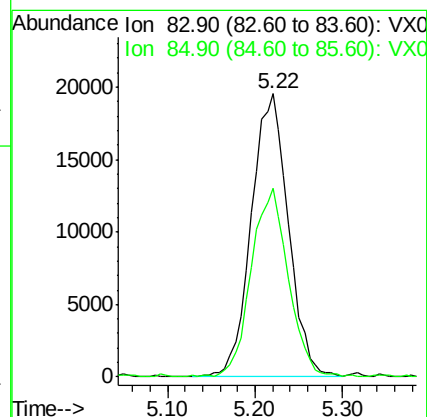
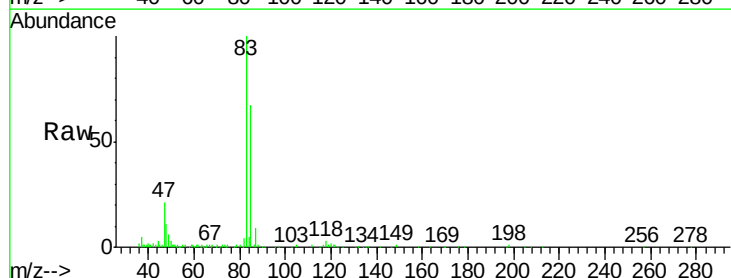
Acq: 12 Feb 2019 18:37

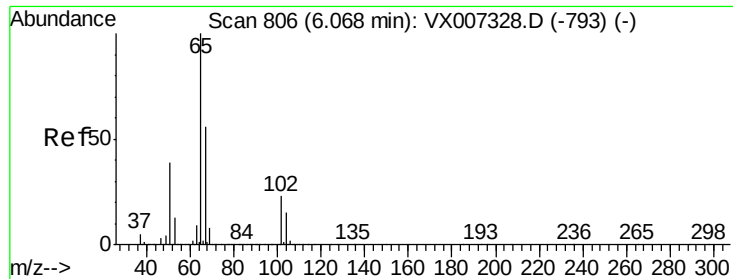
Tgt Ion: 83 Resp: 57682

Ion Ratio Lower Upper

83 100

85 66.3 51.6 77.4

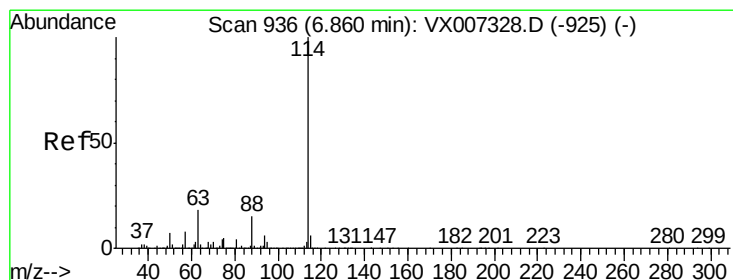
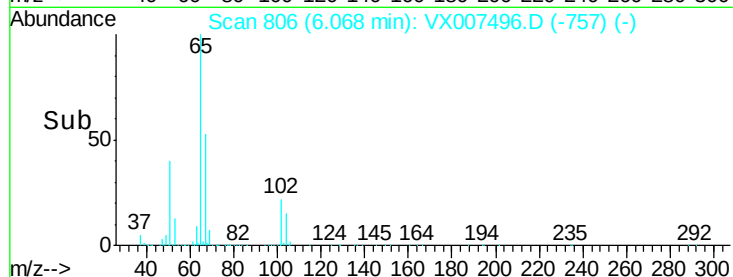
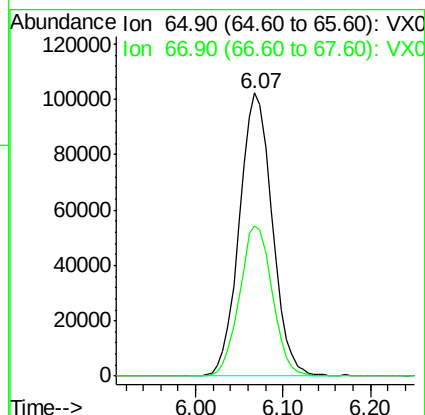
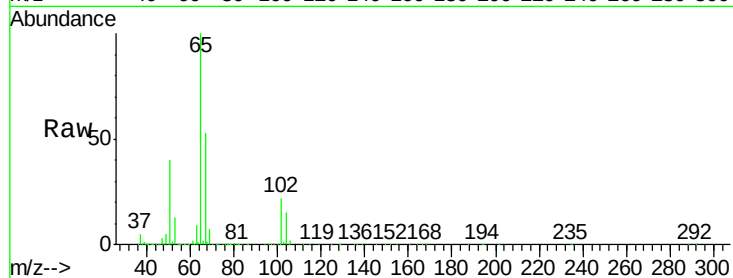




#33
 1,2-Dichloroethane-d4
 Concen: 50.379 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007496.D
 Acq: 12 Feb 2019 18:37

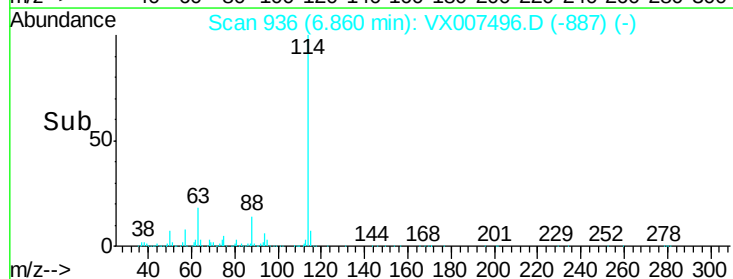
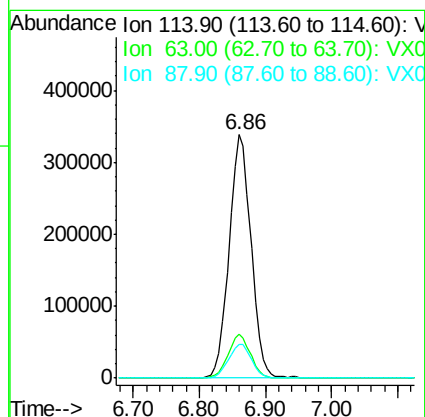
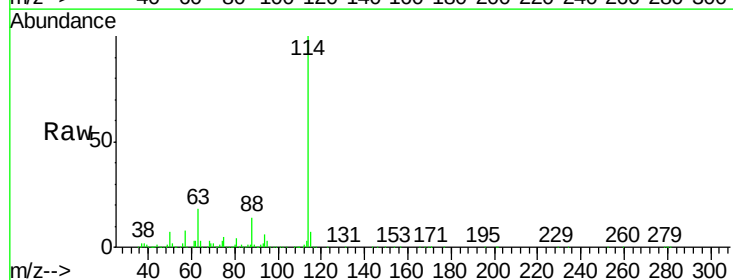
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190208

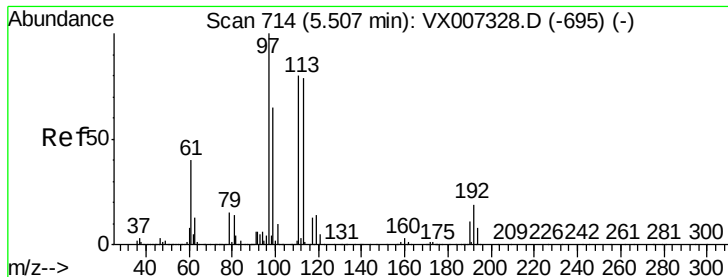
Tot Ion: 65 Resp: 267328
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007496.D
 Acq: 12 Feb 2019 18:37

Tgt Ion: 114 Resp: 777776
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.299 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007496.D

Acq: 12 Feb 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

WC-20190208

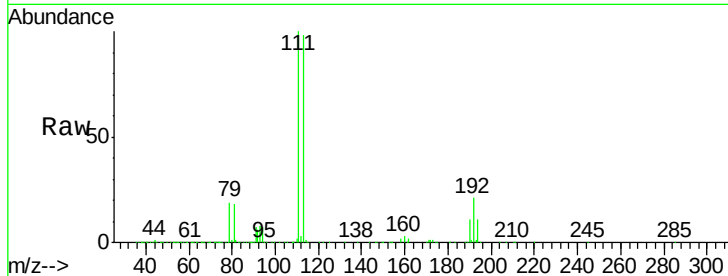
Tot Ion:113 Resp: 249488

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

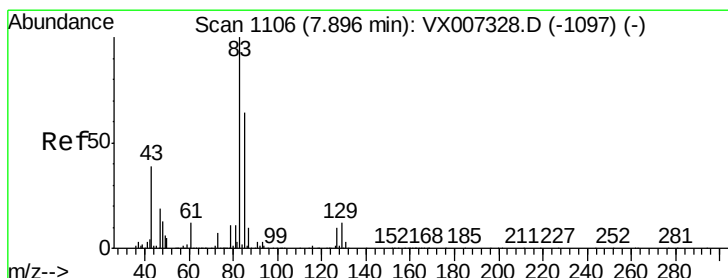
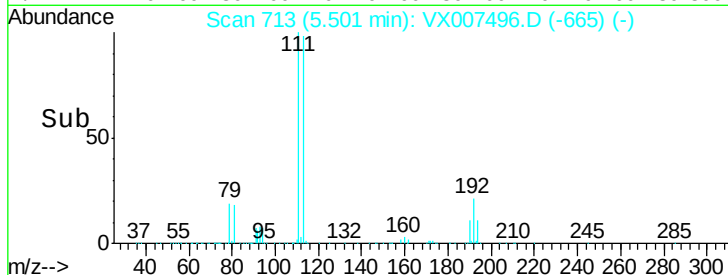
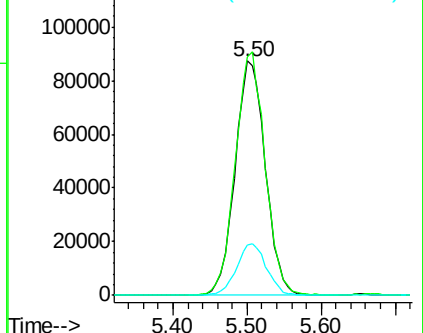
192 21.8 18.5 27.7



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



#47

Bromodichloromethane

Concen: 2.349 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007496.D

Acq: 12 Feb 2019 18:37

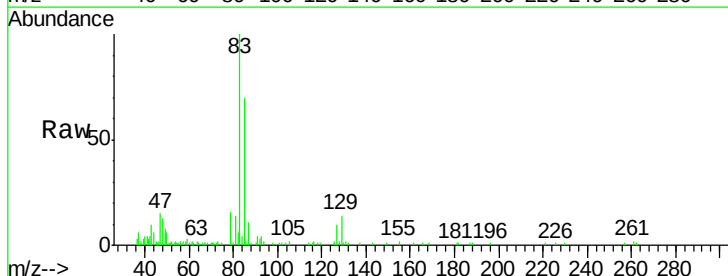
Tgt Ion: 83 Resp: 14905

Ion Ratio Lower Upper

83 100

85 69.8 51.4 77.0

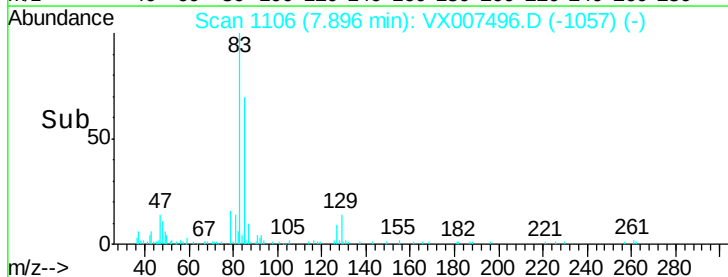
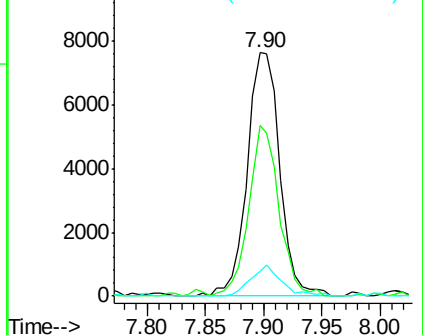
127 10.3 8.1 12.1

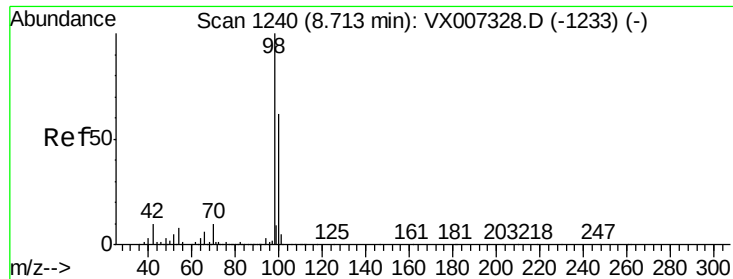


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

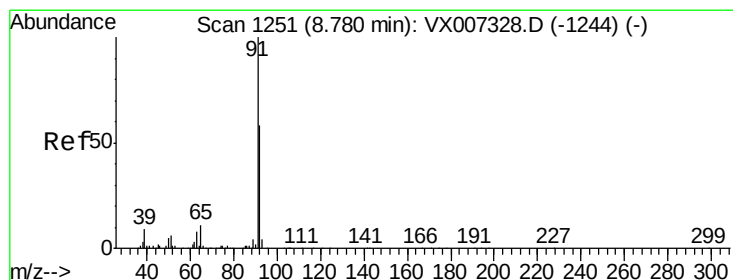
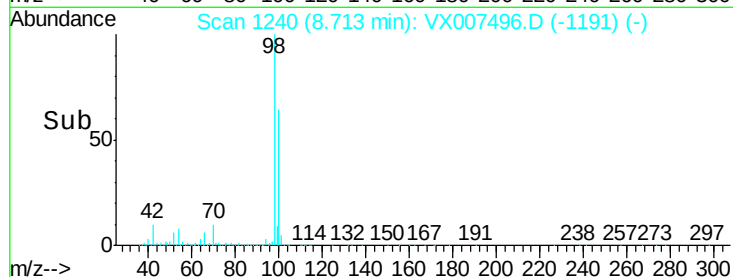
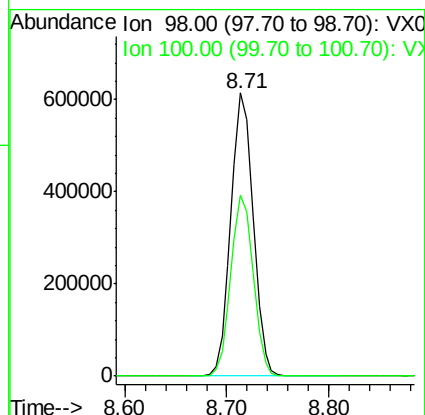
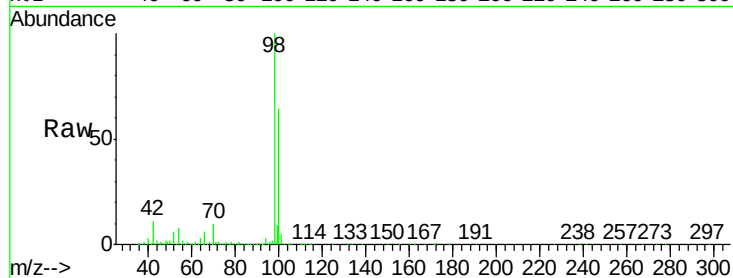




#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

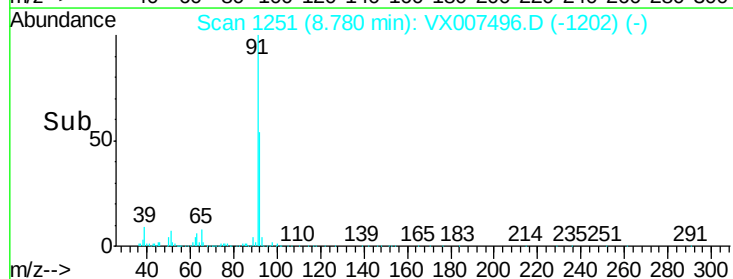
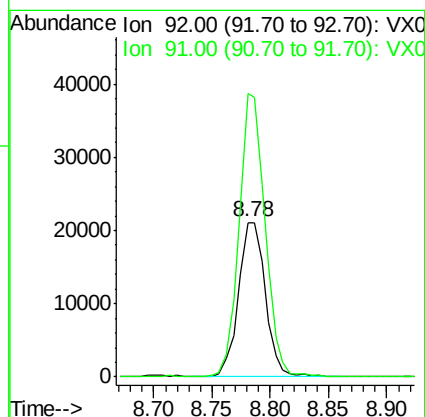
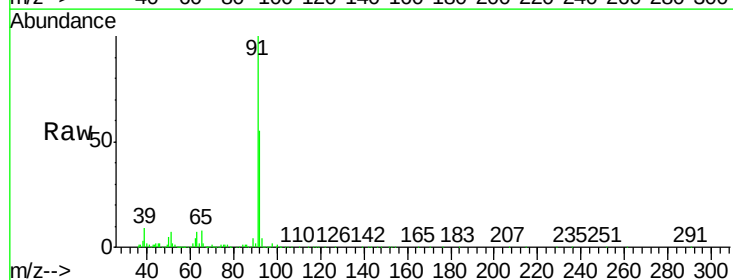
Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

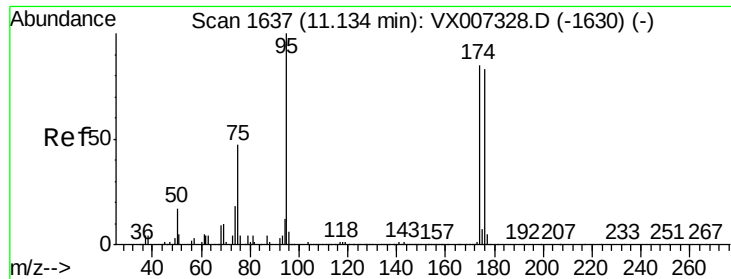
Tot Ion: 98 Resp: 933286
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#52
Toluene
Concen: 2.578 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 92 Resp: 34191
Ion Ratio Lower Upper
92 100
91 175.7 139.1 208.7

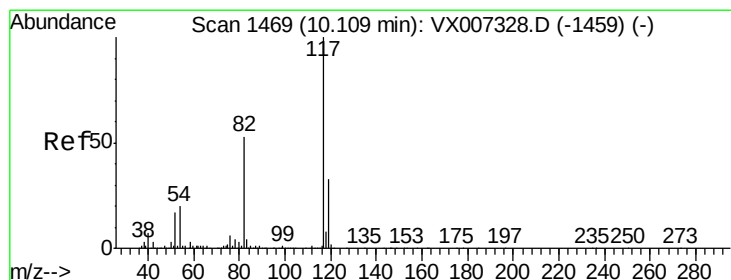
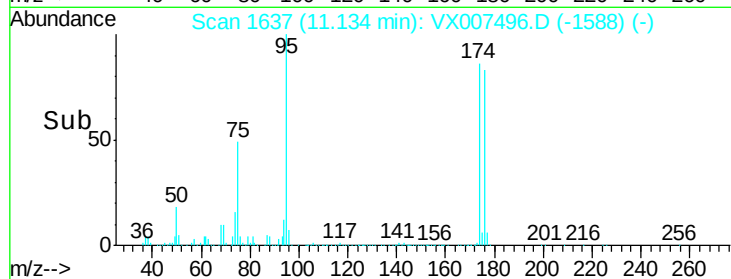
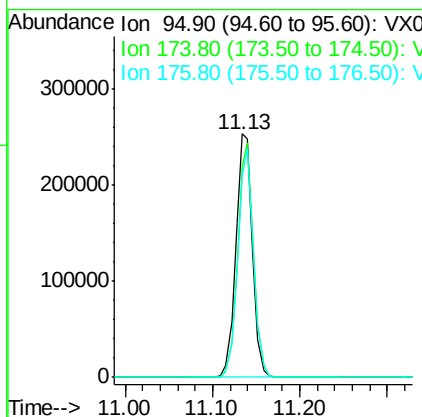
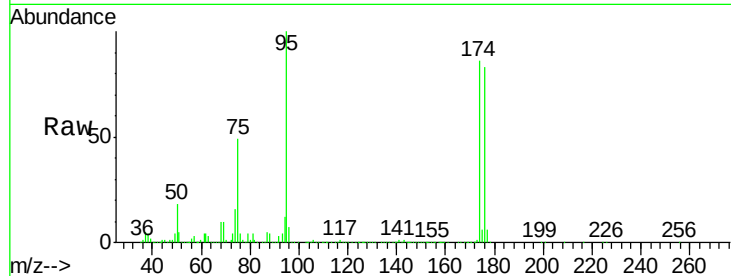




#62
4-Bromofluorobenzene
Concen: 49.026 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

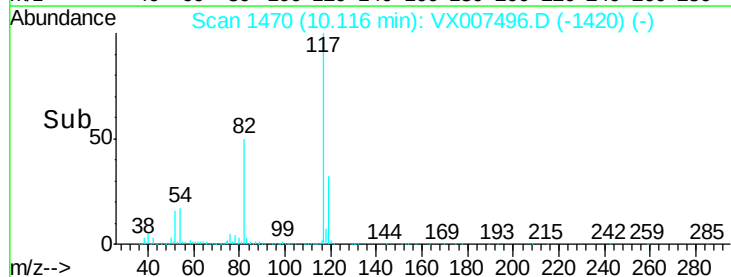
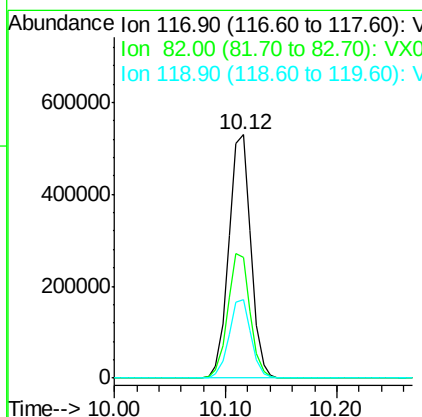
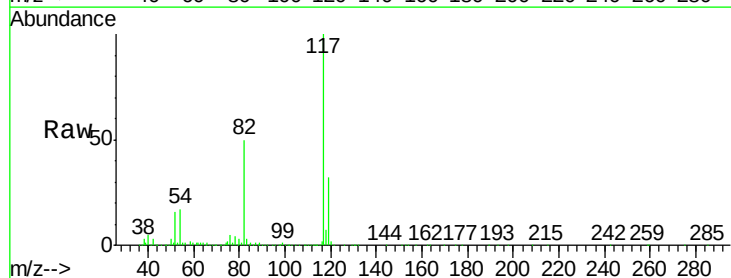
Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

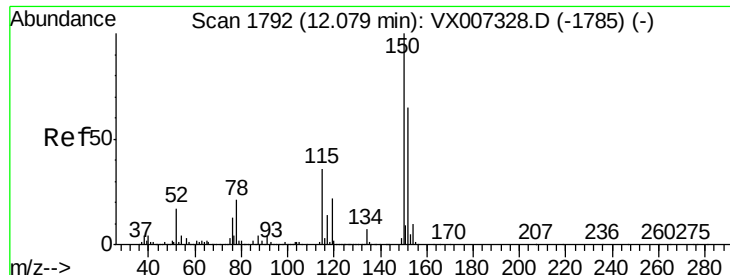
Tot Ion: 95 Resp: 336081
Ion Ratio Lower Upper
95 100
174 92.1 0.0 189.2
176 89.1 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007496.D
Acq: 12 Feb 2019 18:37

Tgt Ion: 117 Resp: 723856
Ion Ratio Lower Upper
117 100
82 49.6 42.1 63.1
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007496.D

Acq: 12 Feb 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

WC-20190208

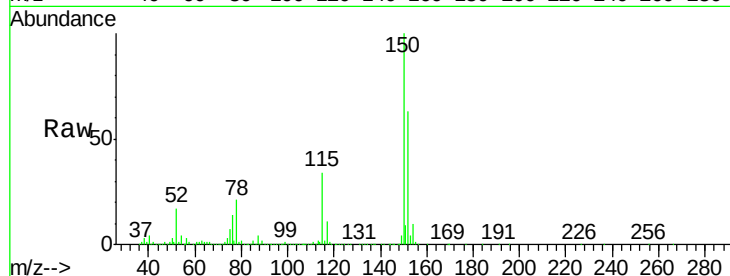
Tot Ion:152 Resp: 356590

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

150 157.0 0.0 346.4



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

