

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007548.D
 Acq On : 14 Feb 2019 16:22
 Operator : JC/SP
 Sample : K1460-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190208

Quant Time: Feb 15 06:07:00 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

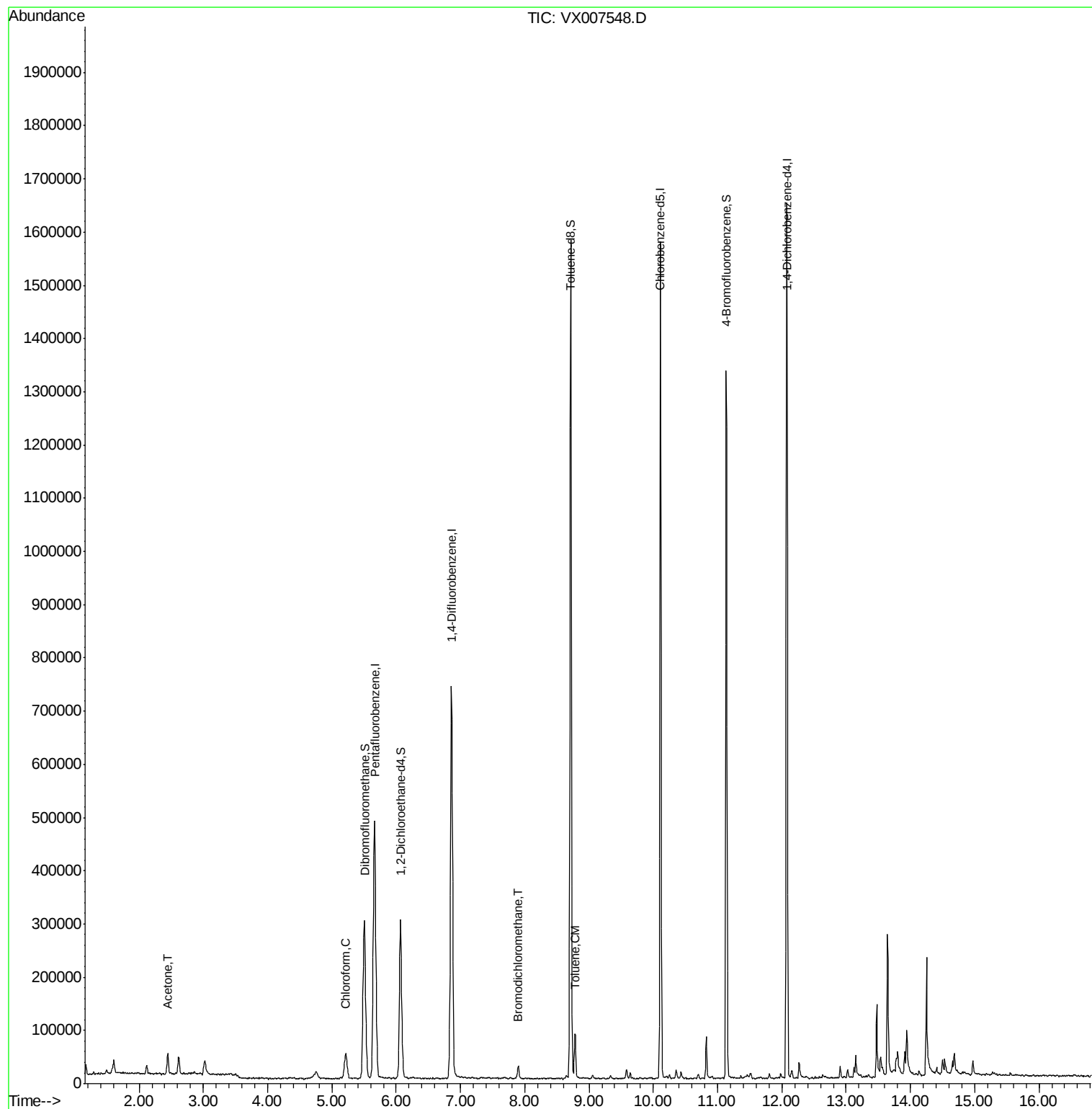
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	494349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	776634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	735549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	364967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	270646	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	5.51	113	254483	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	8.71	98	935304	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	337839	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
16) Acetone	2.45	43	41846	17.410	ug/l	93
30) Chloroform	5.21	83	55770	6.579	ug/l	100
47) Bromodichloromethane	7.90	83	14843	2.343	ug/l	99
52) Toluene	8.79	92	31117	2.350	ug/l	98

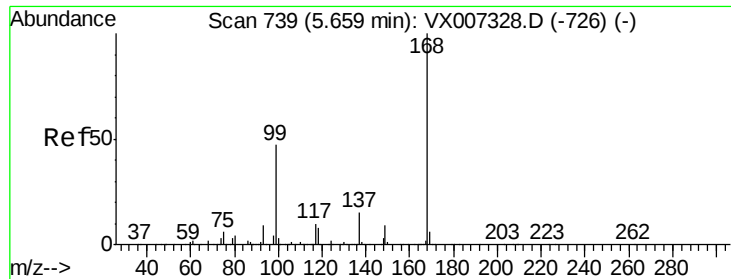
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007548.D

Acq: 14 Feb 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

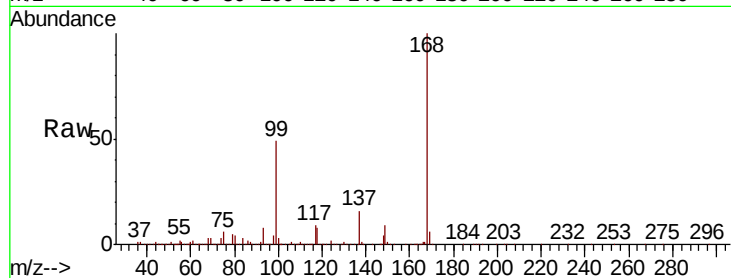
WC-20190208

Tot Ion:168 Resp: 494349

Ion Ratio Lower Upper

168 100

99 48.8 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

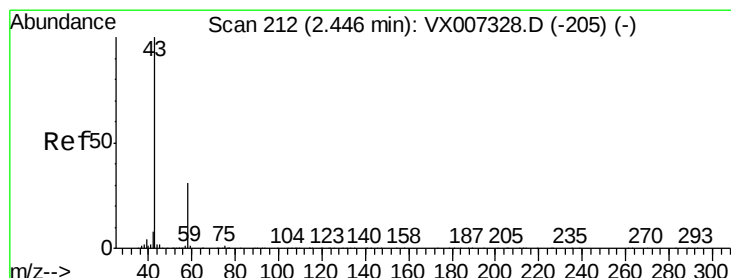
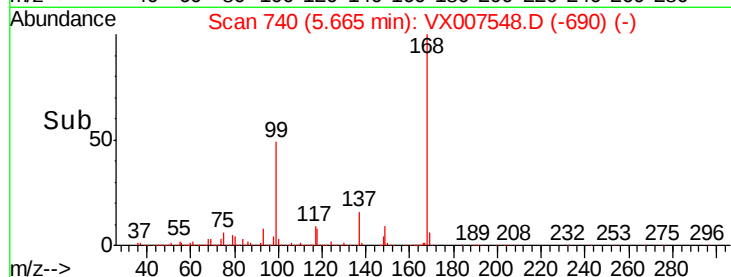
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.410 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007548.D

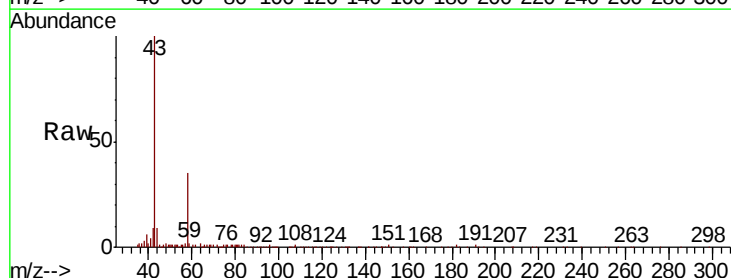
Acq: 14 Feb 2019 16:22

Tgt Ion: 43 Resp: 41846

Ion Ratio Lower Upper

43 100

58 35.0 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

25000

20000

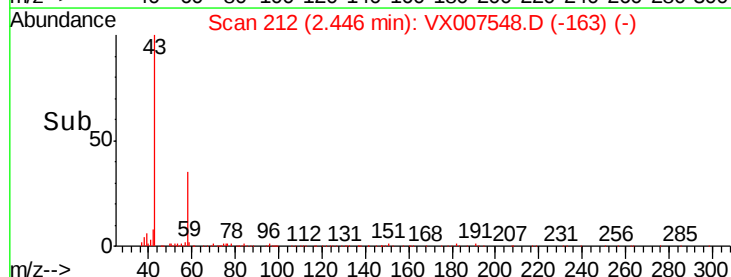
15000

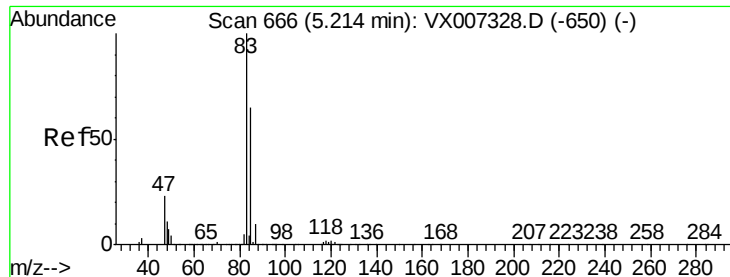
10000

5000

0

Time-->

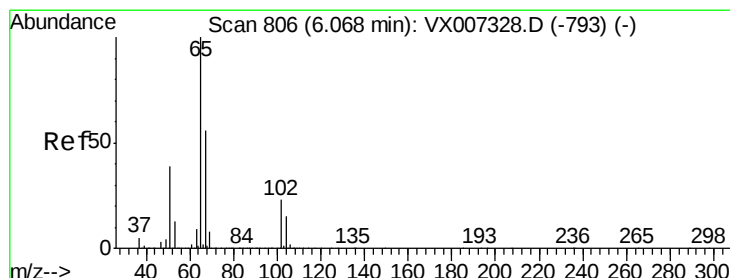
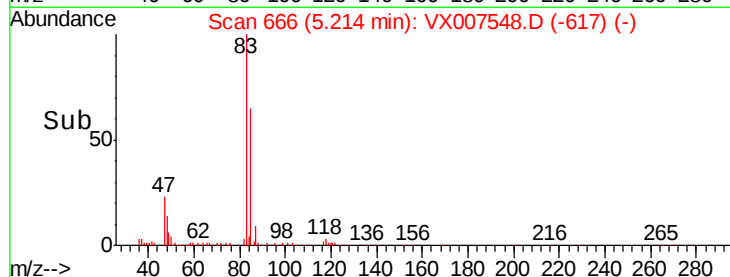
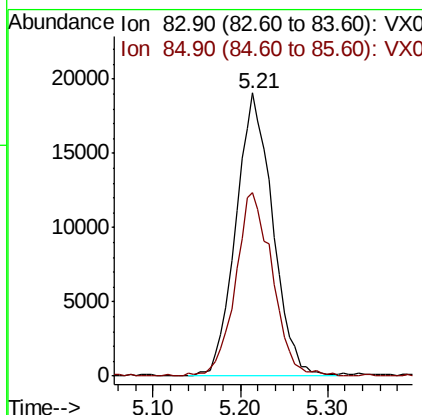
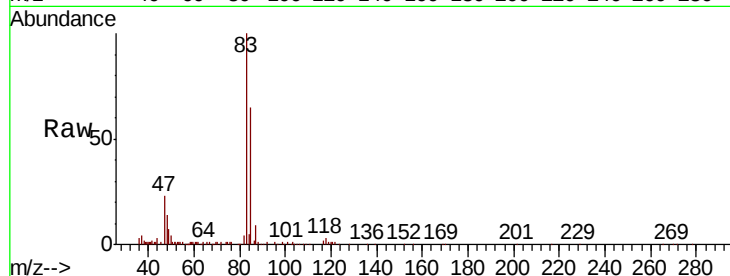




#30
Chloroform
Concen: 6.579 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007548.D
Acq: 14 Feb 2019 16:22

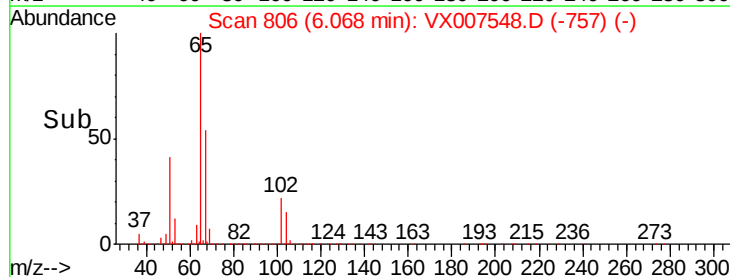
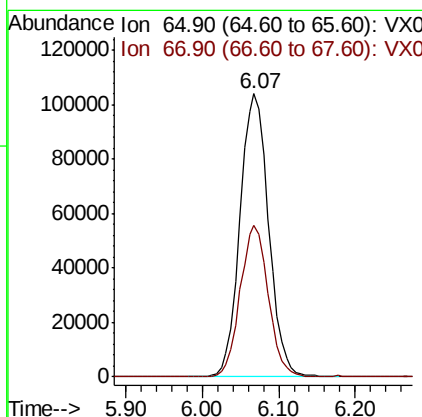
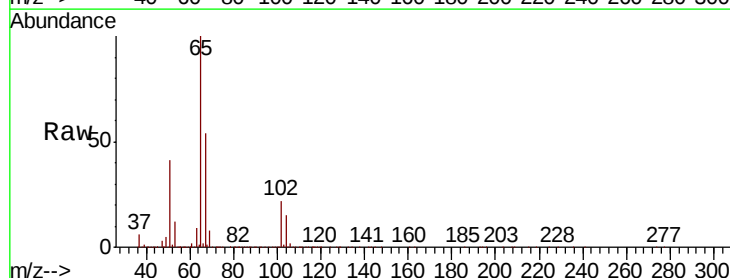
Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

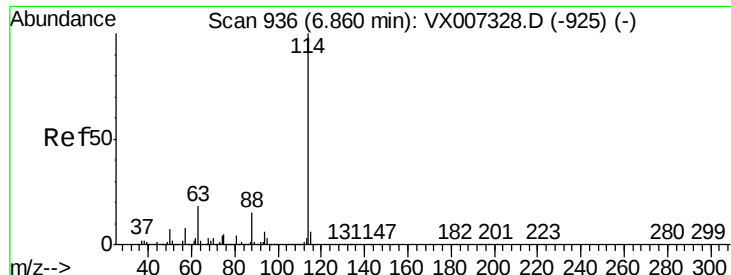
Tot Ion: 83 Resp: 55770
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.580 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007548.D
Acq: 14 Feb 2019 16:22

Tgt Ion: 65 Resp: 270646
Ion Ratio Lower Upper
65 100
67 52.6 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: VX007548.D

Acq: 14 Feb 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

WC-20190208

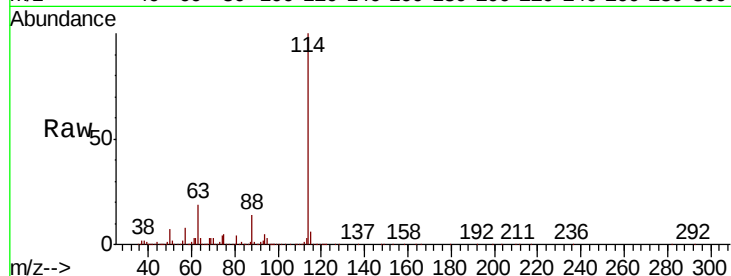
Tot Ion:114 Resp: 776634

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

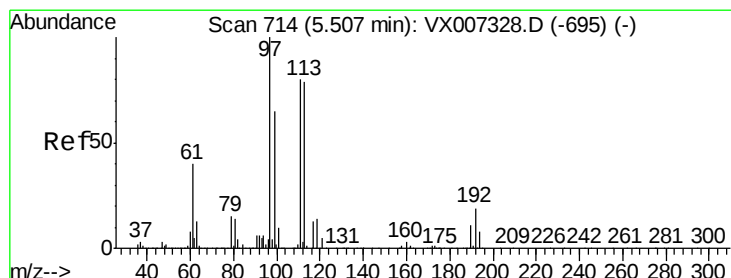
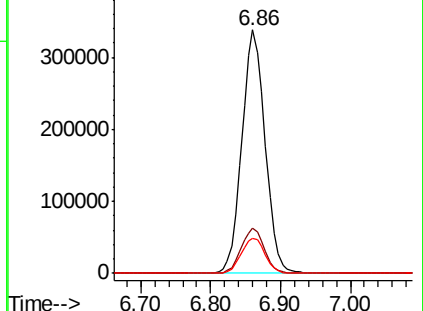
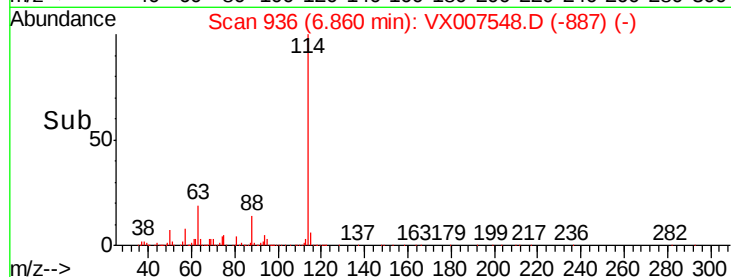
88 14.1 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 50.360 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007548.D

Acq: 14 Feb 2019 16:22

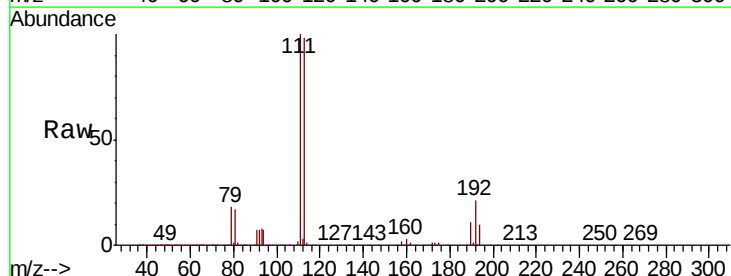
Tgt Ion:113 Resp: 254483

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

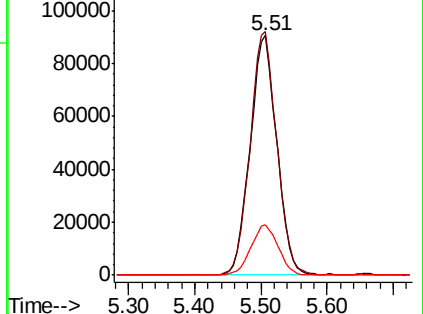
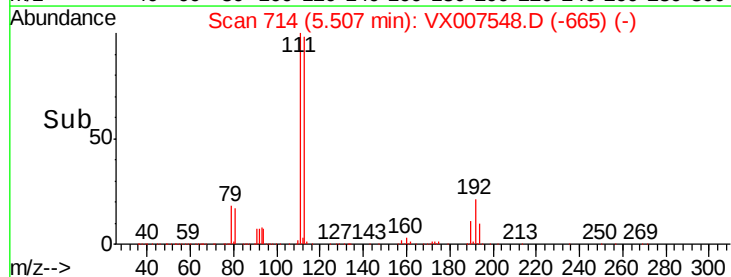
192 21.4 18.5 27.7

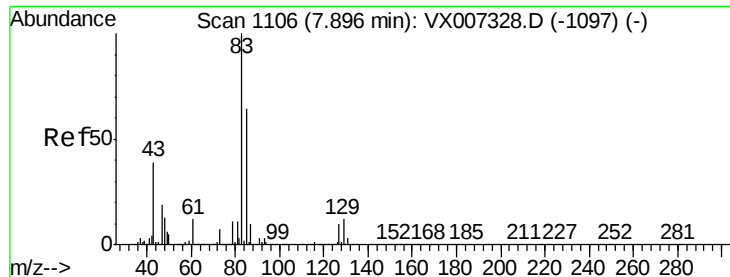


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 2.343 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007548.D

Acq: 14 Feb 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

WC-20190208

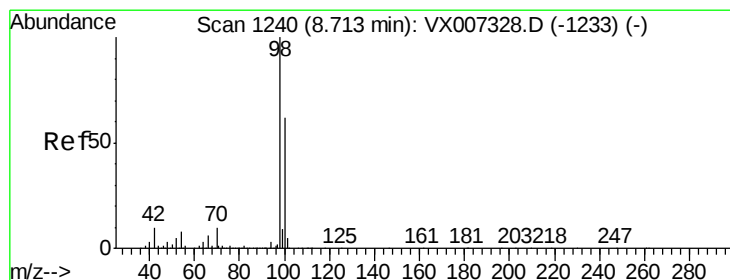
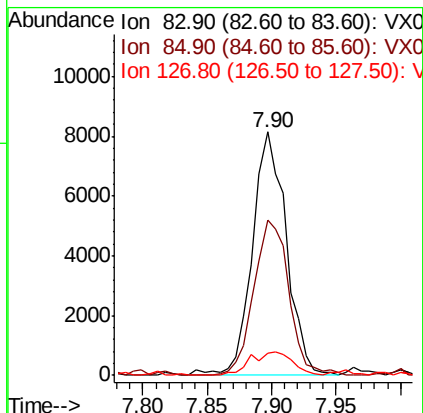
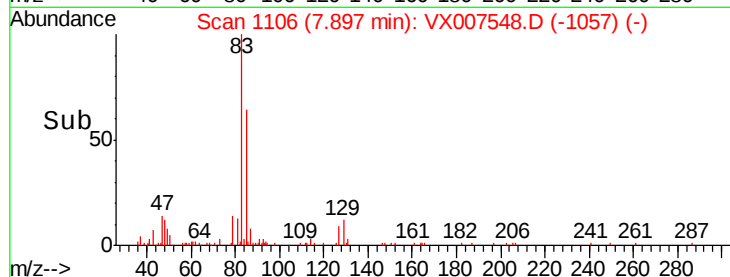
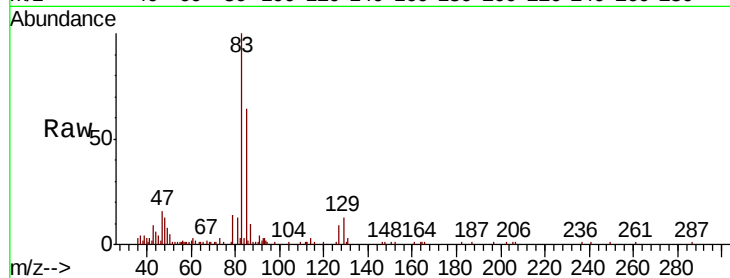
Tot Ion: 83 Resp: 14843

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

127 9.0 8.1 12.1



#50

Toluene-d8

Concen: 49.887 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007548.D

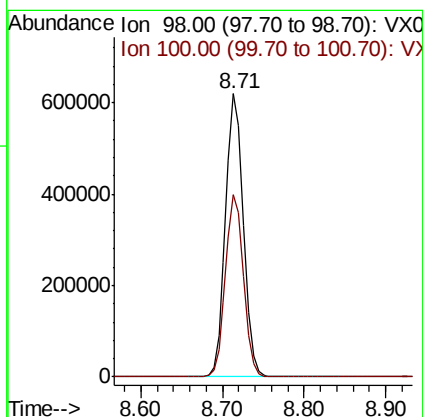
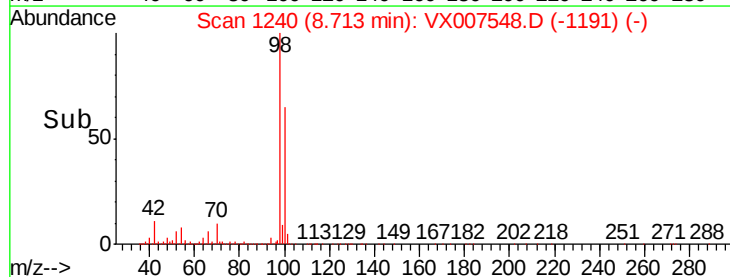
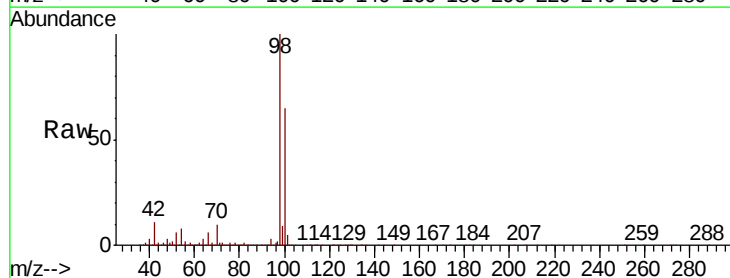
Acq: 14 Feb 2019 16:22

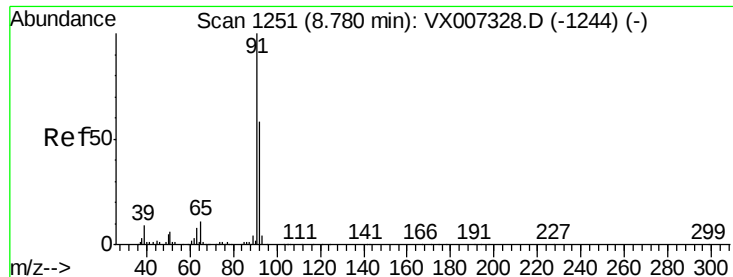
Tgt Ion: 98 Resp: 935304

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4





#52

Toluene

Concen: 2.350 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007548.D

Acq: 14 Feb 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

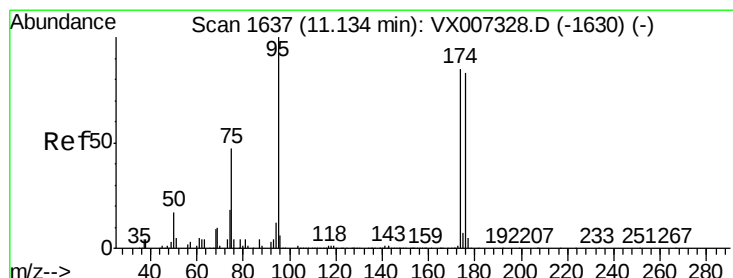
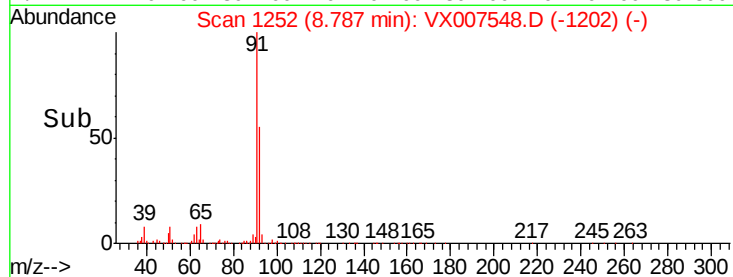
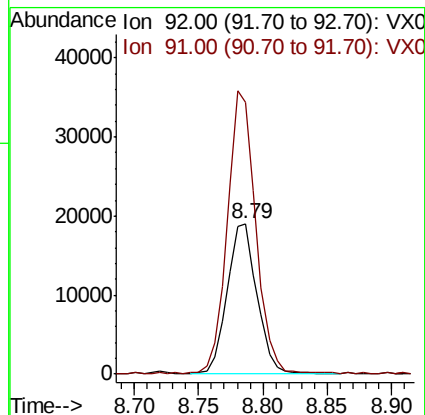
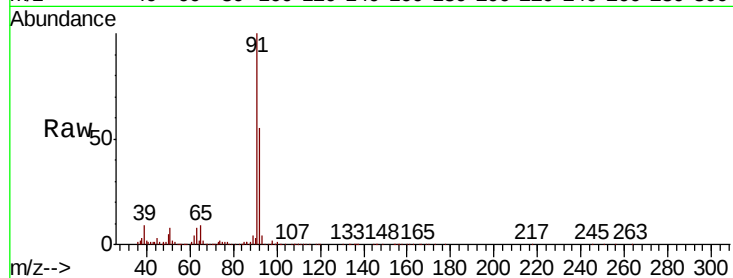
WC-20190208

Tot Ion: 92 Resp: 31117

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 49.355 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007548.D

Acq: 14 Feb 2019 16:22

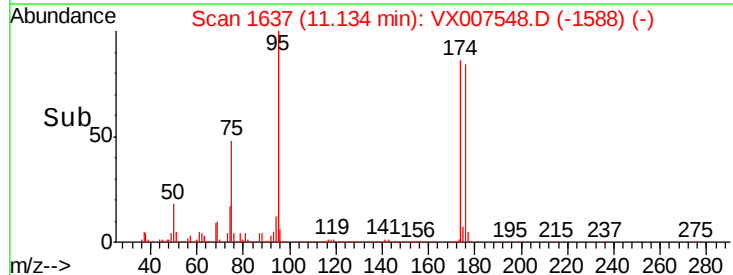
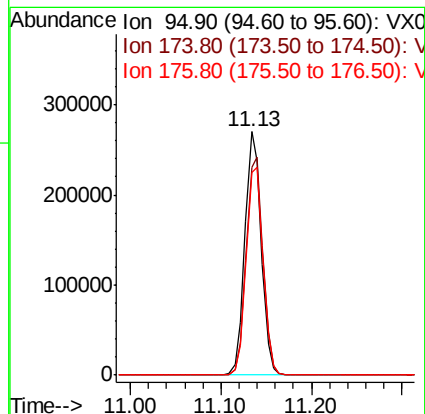
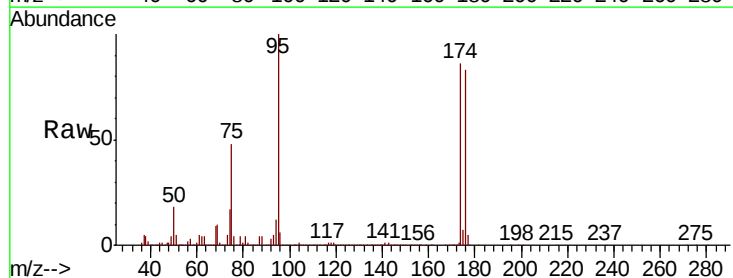
Tgt Ion: 95 Resp: 337839

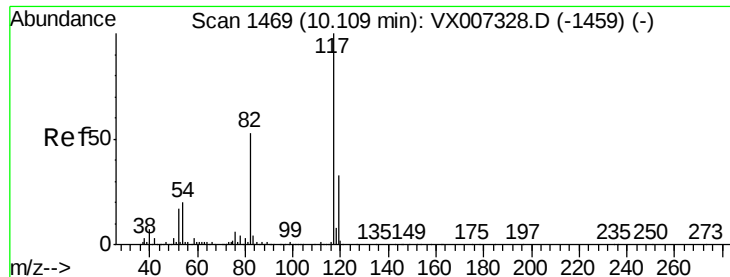
Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 88.7 0.0 186.2

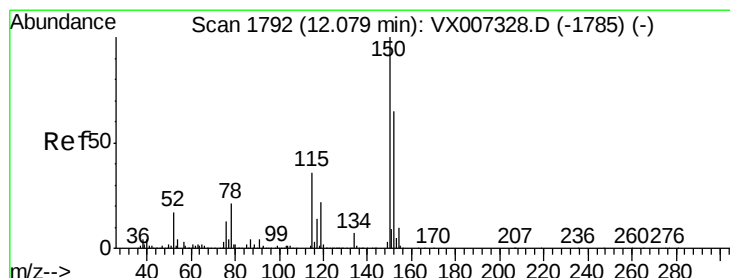
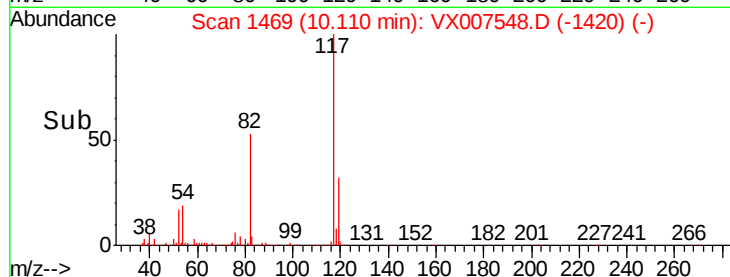
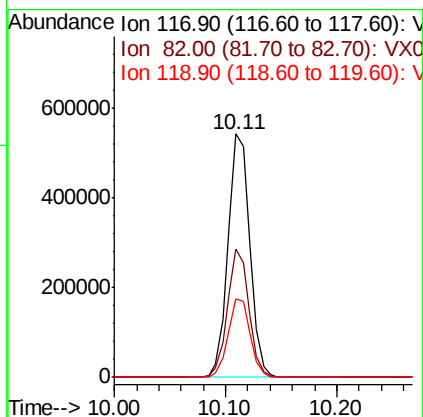
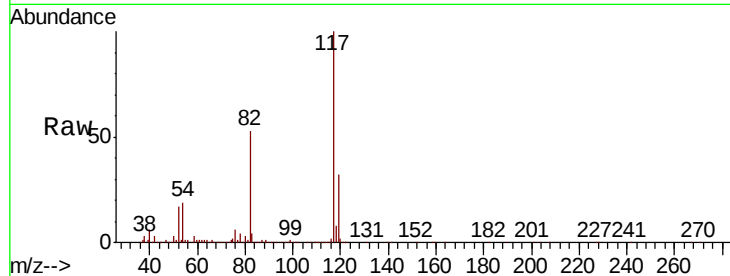




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007548.D
Acq: 14 Feb 2019 16:22

Instrument :
MSVOA_X
ClientSampled :
WC-20190208

Tot Ion:117 Resp: 735549
Ion Ratio Lower Upper
117 100
82 52.7 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: VX007548.D
Acq: 14 Feb 2019 16:22

Tgt Ion:152 Resp: 364967
Ion Ratio Lower Upper
152 100
115 54.4 38.0 114.0
150 158.1 0.0 346.4

