

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009565.D
 Acq On : 14 May 2019 16:45
 Operator : JC/SP
 Sample : K2838-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051419

Quant Time: May 15 08:45:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

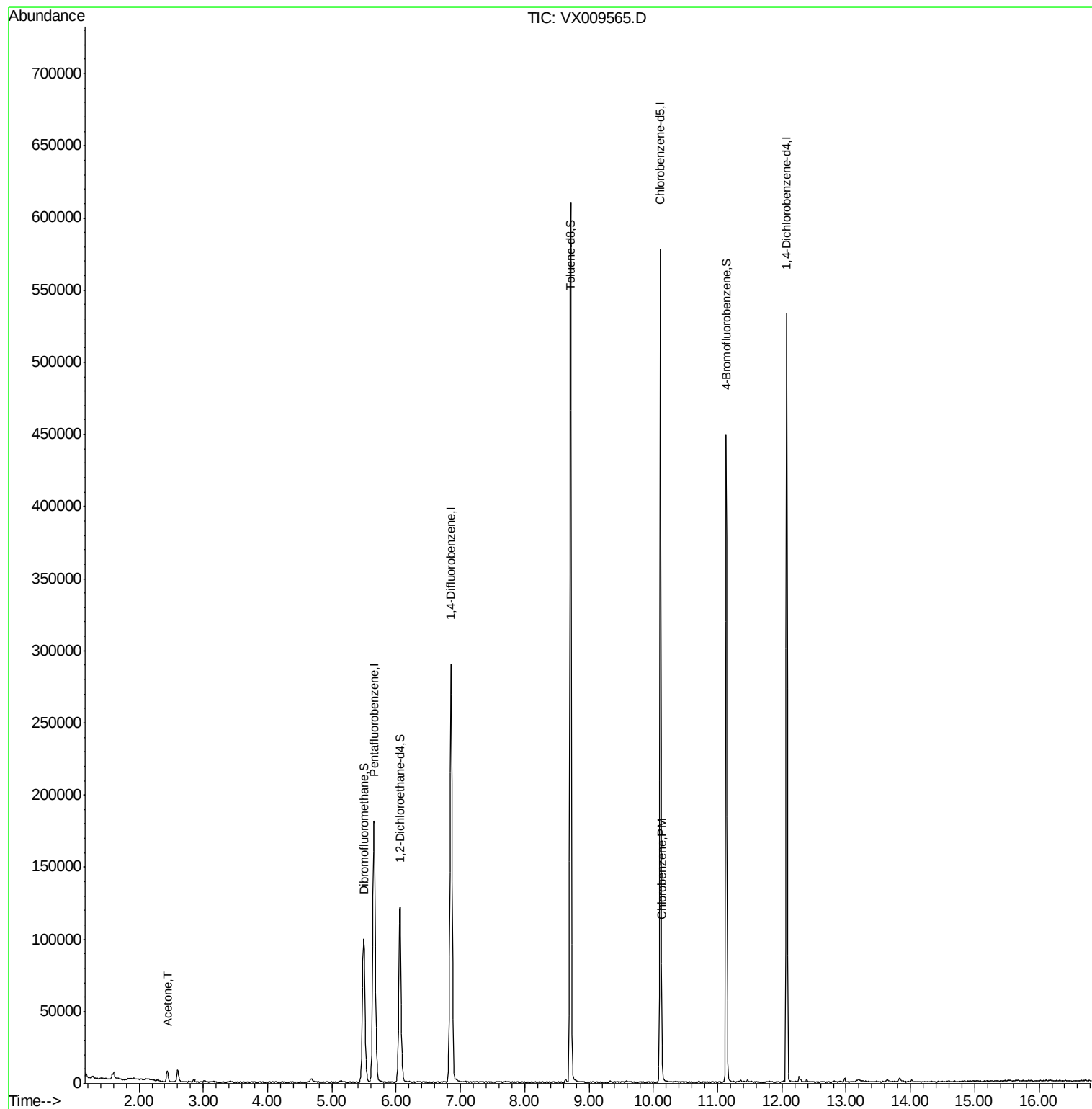
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116635	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	5.49	113	86158	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	355452	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	115885	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
16) Acetone	2.44	43	8640	6.599	ug/l	93
65) Chlorobenzene	10.13	112	2523	0.509	ug/l	97

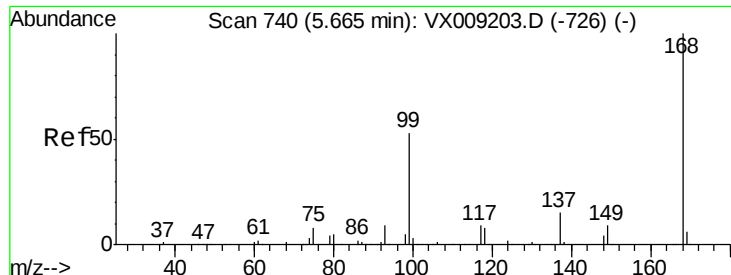
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

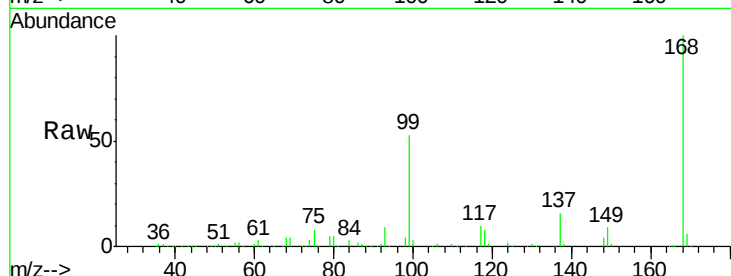
FEQC-TB-051419

Tot Ion:168 Resp: 178613

Ion Ratio Lower Upper

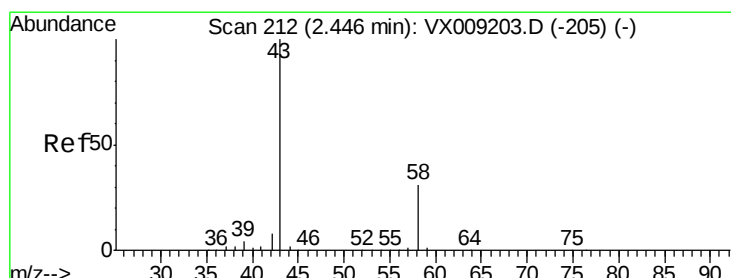
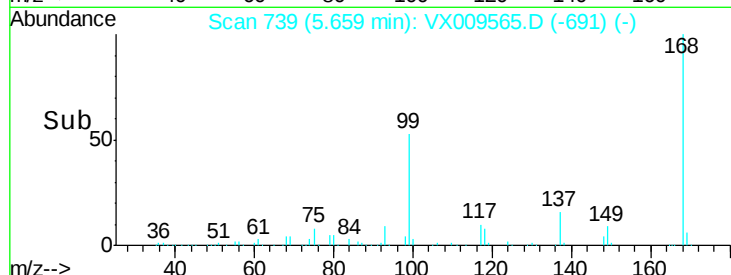
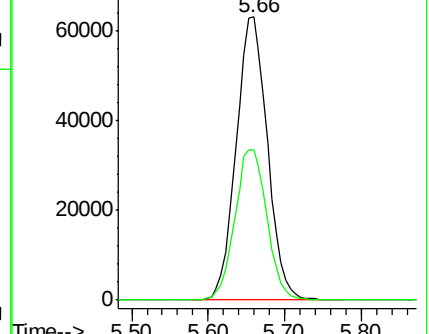
168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.599 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009565.D

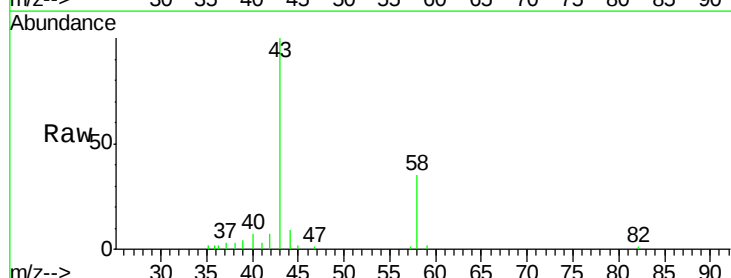
Acq: 14 May 2019 16:45

Tgt Ion: 43 Resp: 8640

Ion Ratio Lower Upper

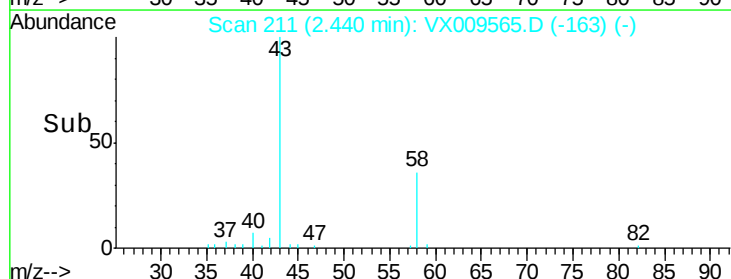
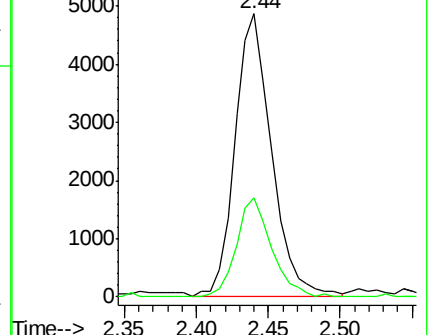
43 100

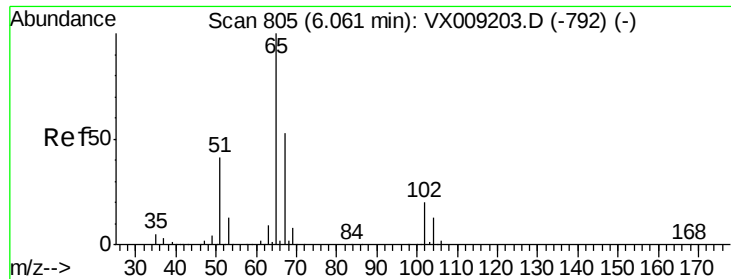
58 35.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.835 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

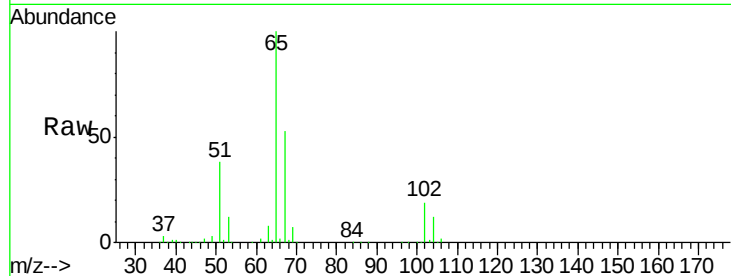
FEQC-TB-051419

Tot Ion: 65 Resp: 116635

Ion Ratio Lower Upper

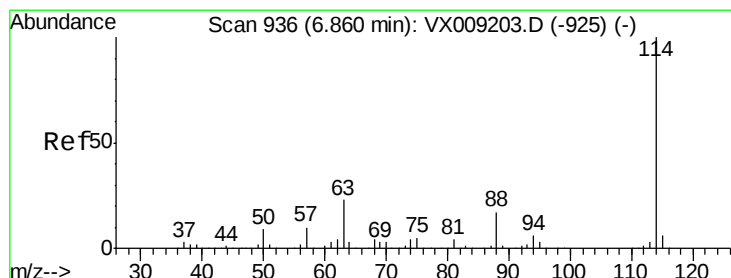
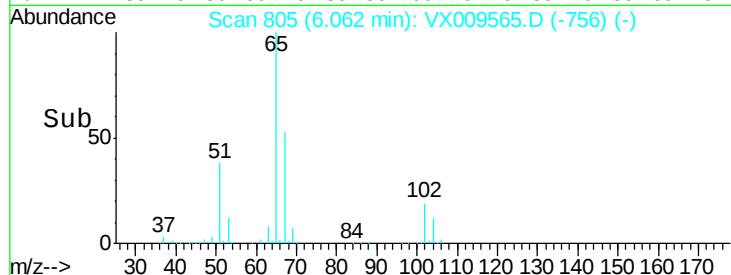
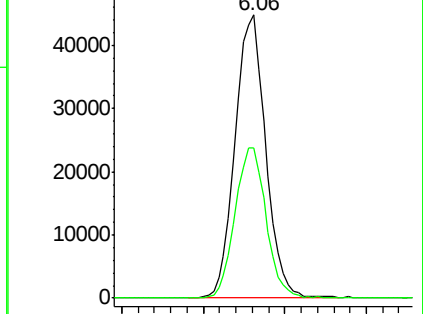
65 100

67 53.9 0.0 106.6



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

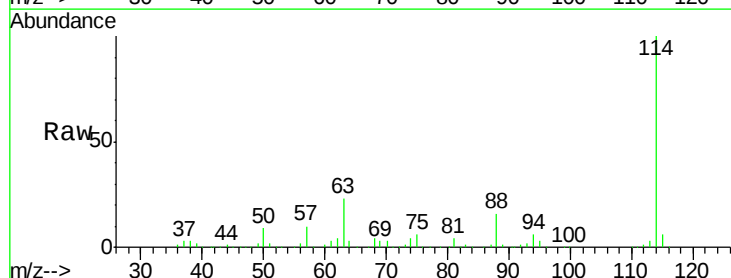
Tgt Ion: 114 Resp: 284681

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

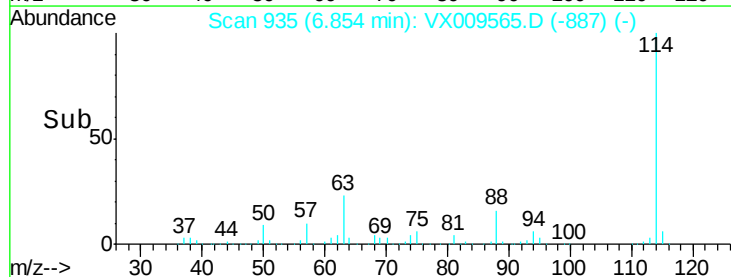
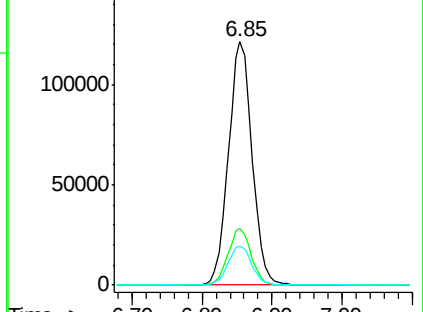
88 15.9 0.0 33.2

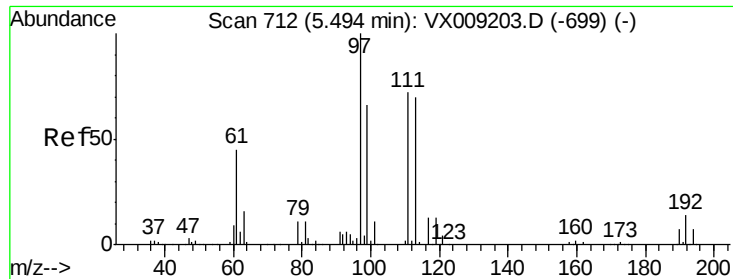


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

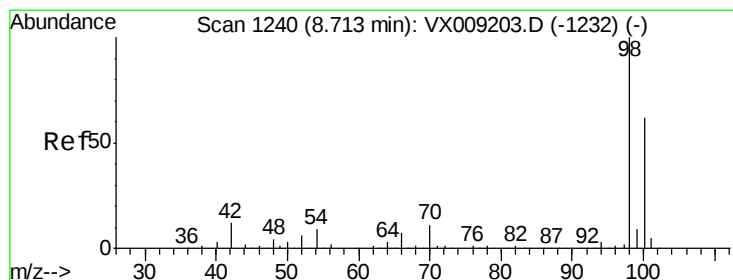
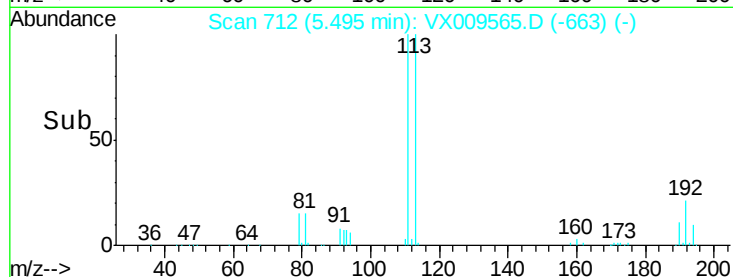
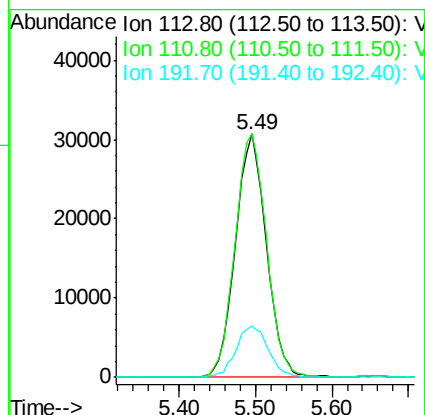
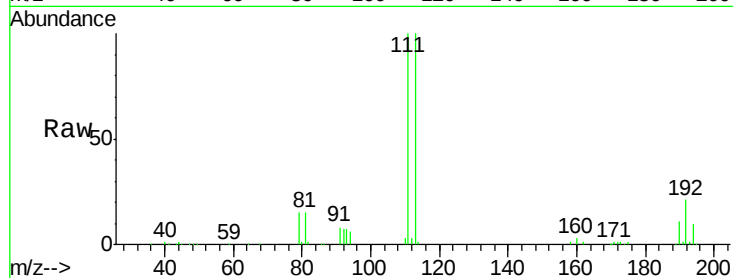




#35
 Dibromofluoromethane
 Concen: 48.143 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009565.D
 Acq: 14 May 2019 16:45

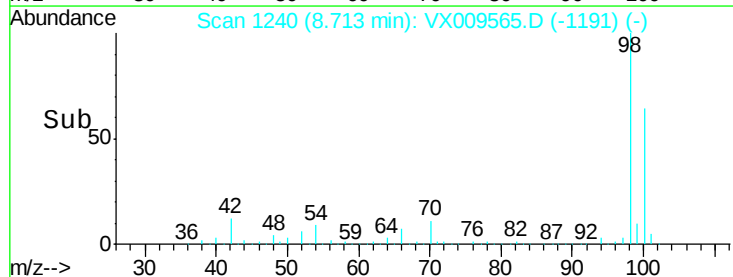
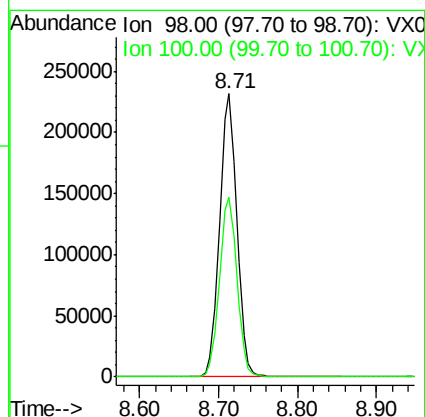
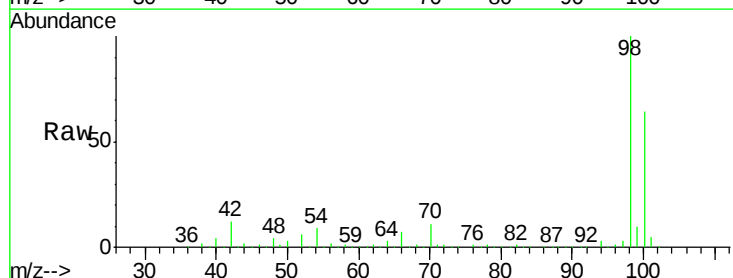
Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051419

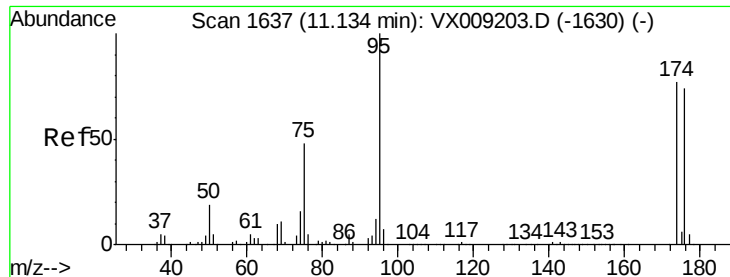
Tot Ion:113 Resp: 86158
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 21.9 17.0 25.6



#50
 Toluene-d8
 Concen: 49.197 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009565.D
 Acq: 14 May 2019 16:45

Tgt Ion: 98 Resp: 355452
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.141 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

FEQC-TB-051419

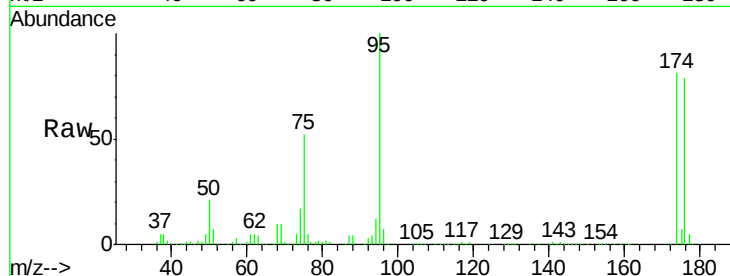
Tot Ion: 95 Resp: 115885

Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.6

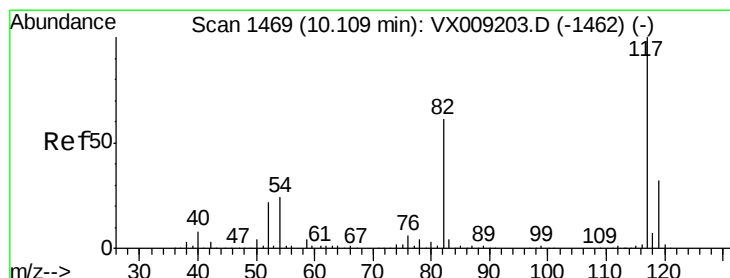
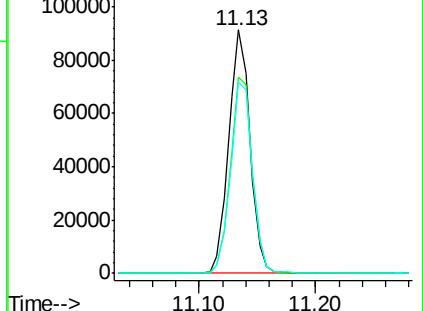
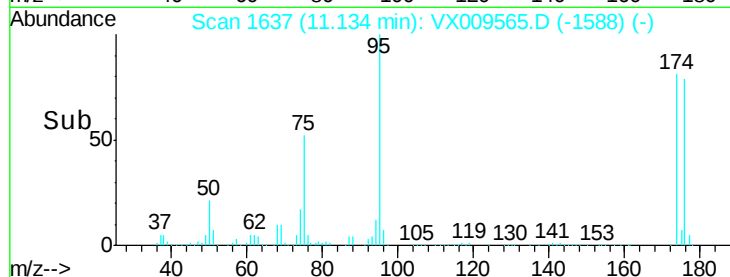
176 80.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009565.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009565.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009565.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

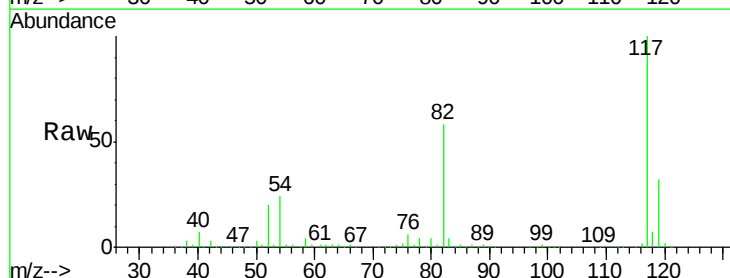
Tgt Ion: 117 Resp: 247715

Ion Ratio Lower Upper

117 100

82 58.2 48.8 73.2

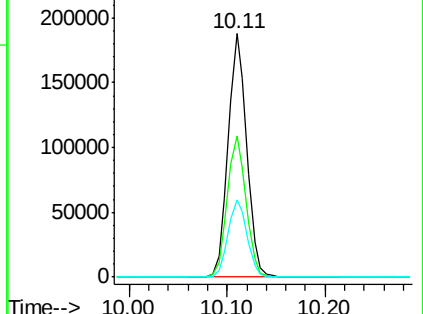
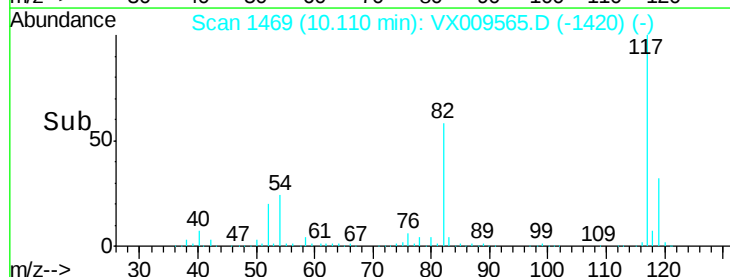
119 31.8 25.8 38.6

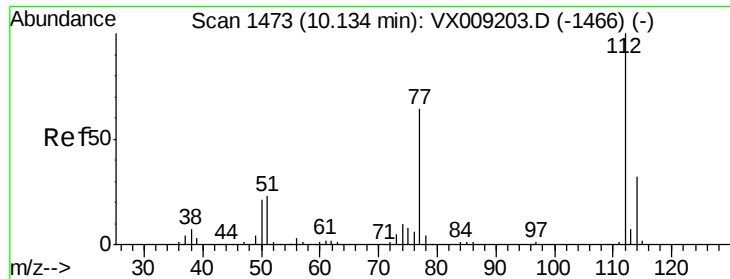


Abundance Ion 116.90 (116.60 to 117.60): VX009565.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009565.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009565.D (-1420) (-)





#65

Chlorobenzene

Concen: 0.509 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009565.D

Acq: 14 May 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

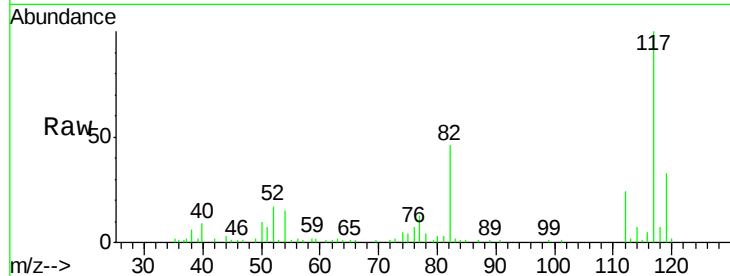
FEQC-TB-051419

Tot Ion:112 Resp: 2523

Ion Ratio Lower Upper

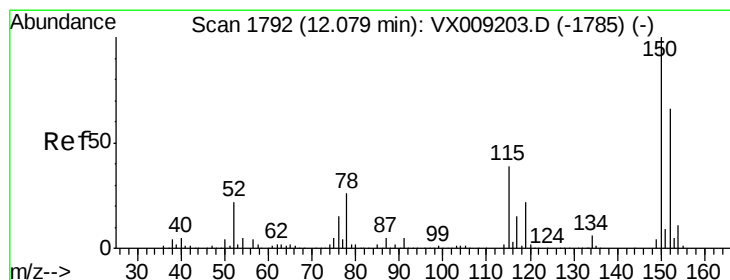
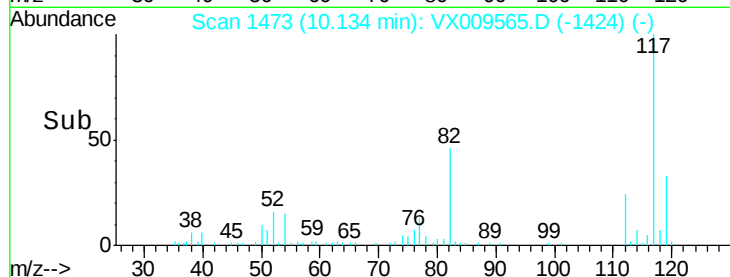
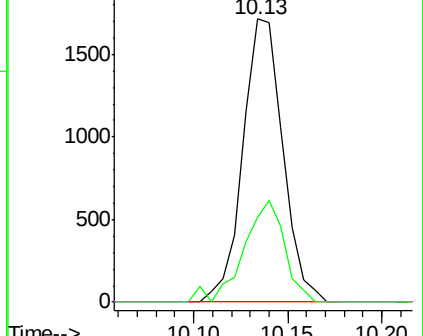
112 100

114 30.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX009565.D

Acq: 14 May 2019 16:45

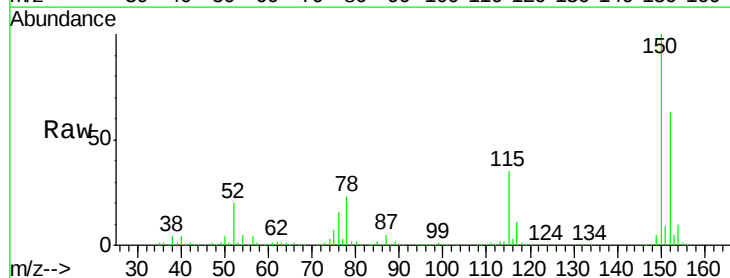
Tgt Ion:152 Resp: 108857

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

150 156.0 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

