

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009670.D
 Acq On : 17 May 2019 18:31
 Operator : JC/SP
 Sample : K2906-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-TB-051619

Quant Time: May 18 05:50:46 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

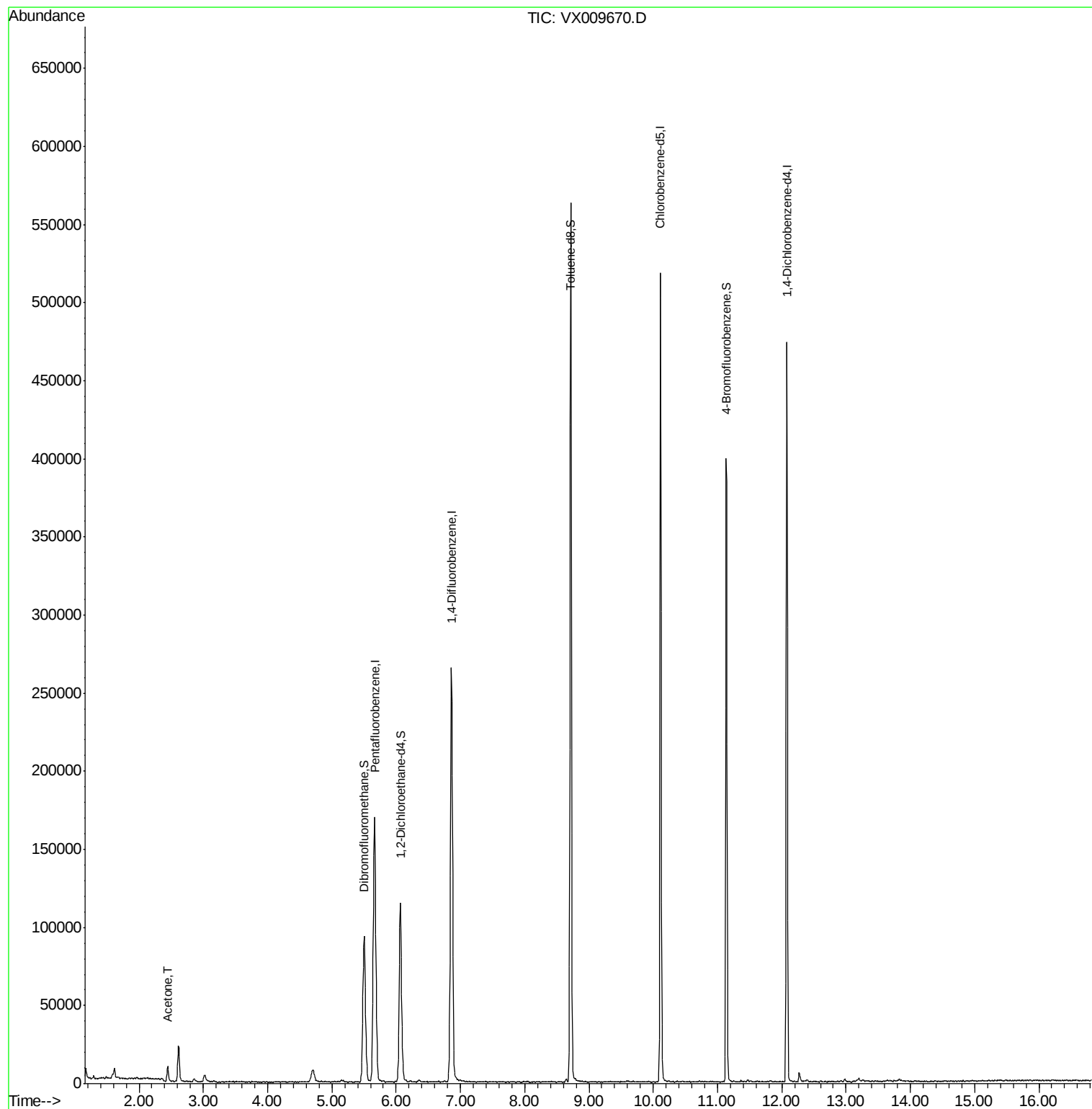
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109579	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	5.50	113	80379	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	326526	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.13	95	106394	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
16) Acetone	2.45	43	9947	8.263	ug/l	Qvalue 99

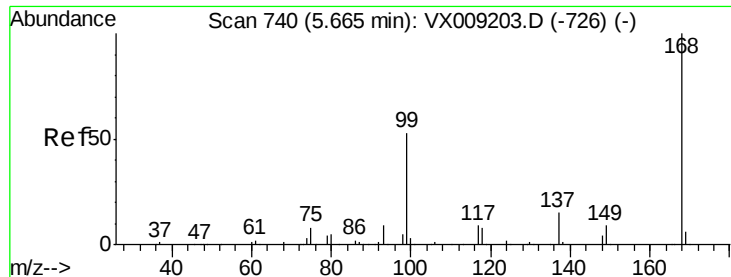
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

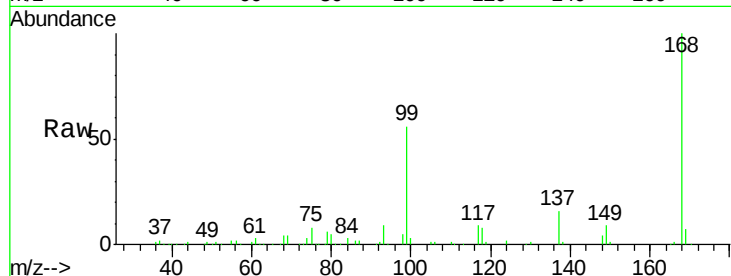
FEQC-TB-051619

Tot Ion:168 Resp: 164224

Ion Ratio Lower Upper

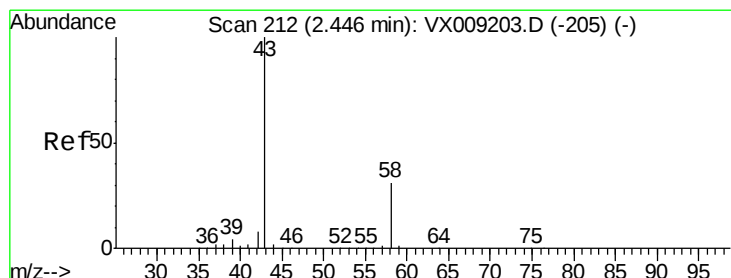
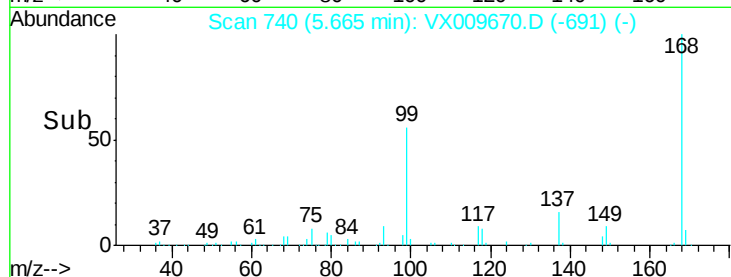
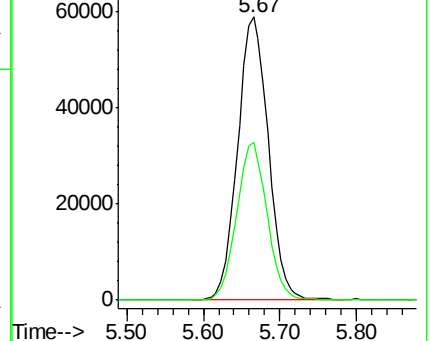
168 100

99 55.8 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: 8.263 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009670.D

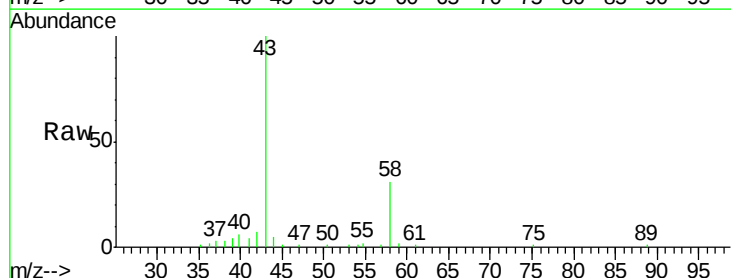
Acq: 17 May 2019 18:31

Tgt Ion: 43 Resp: 9947

Ion Ratio Lower Upper

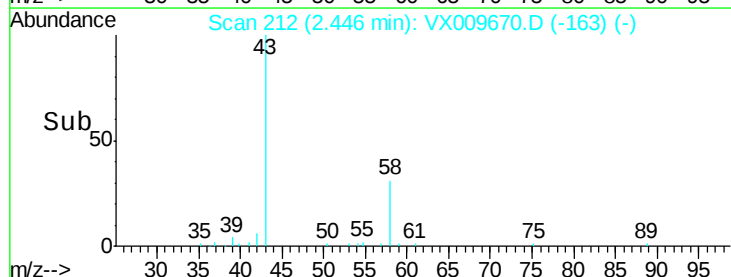
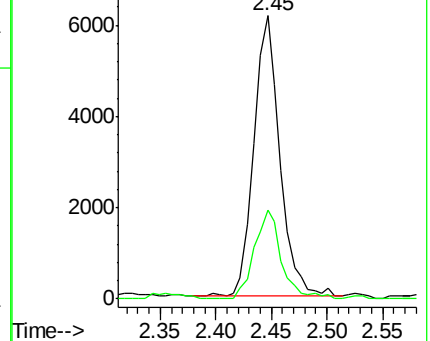
43 100

58 31.7 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: 48.879 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

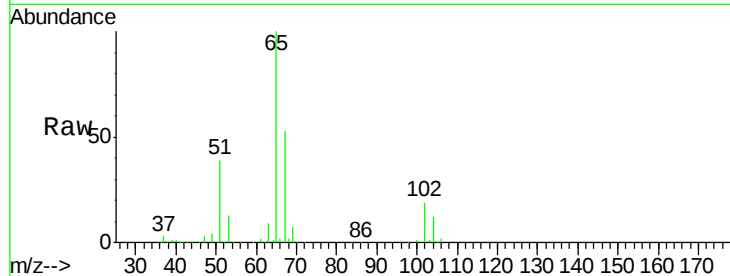
FEQC-TB-051619

Tot Ion: 65 Resp: 109579

Ion Ratio Lower Upper

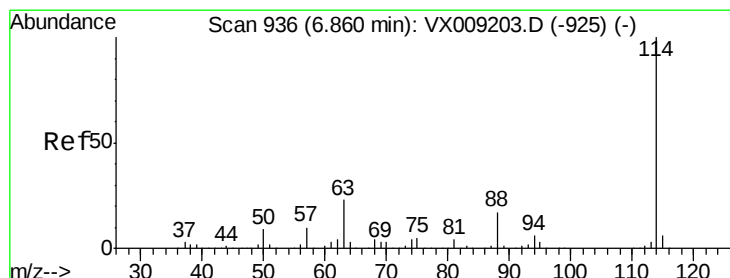
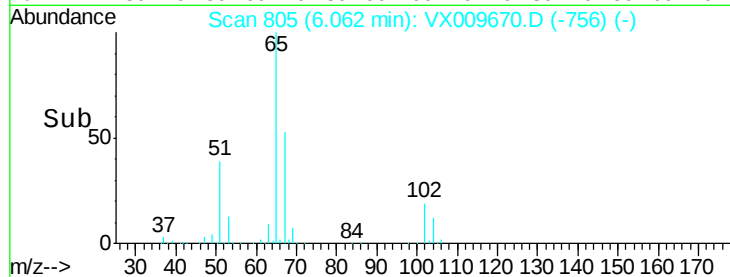
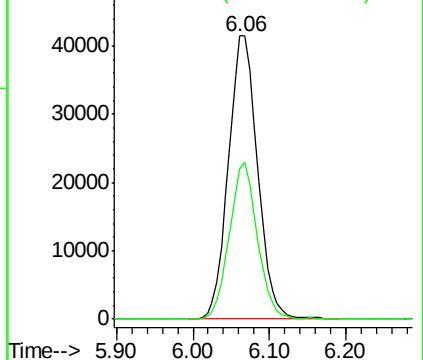
65 100

67 53.1 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

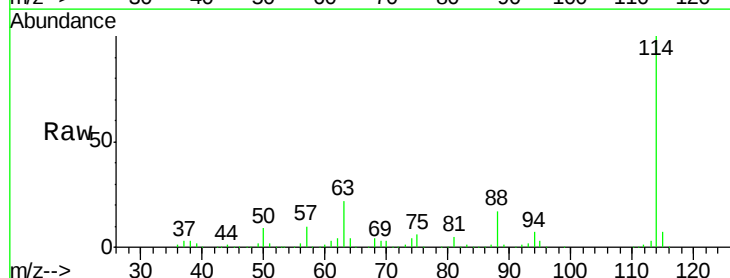
Tgt Ion: 114 Resp: 258223

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

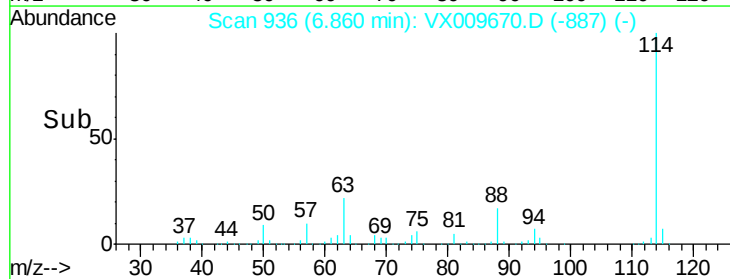
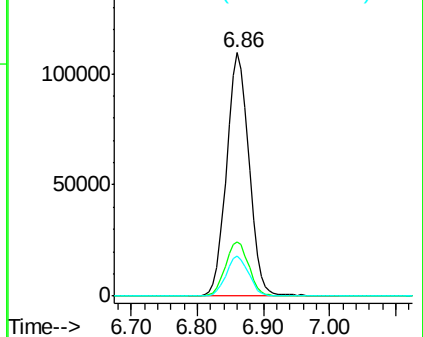
88 16.6 0.0 33.2

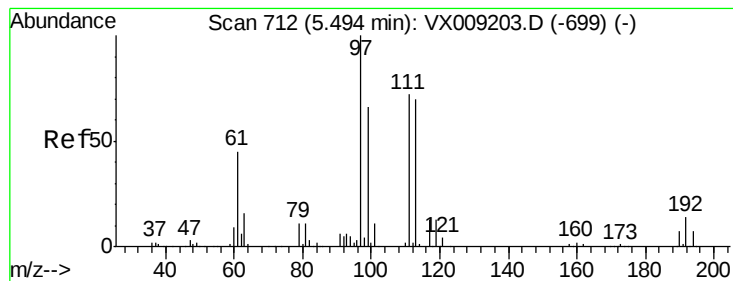


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.516 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

Instrument :

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ClientSampleId :

FEQC-TB-051619

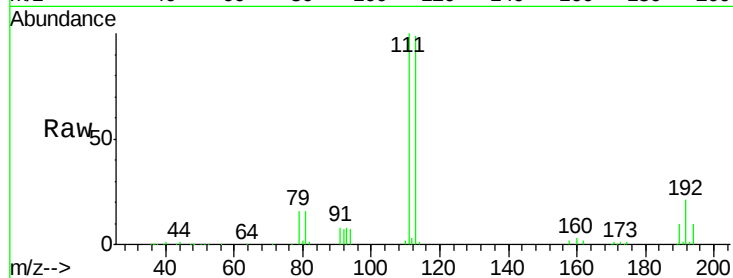
Tot Ion:113 Resp: 80379

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

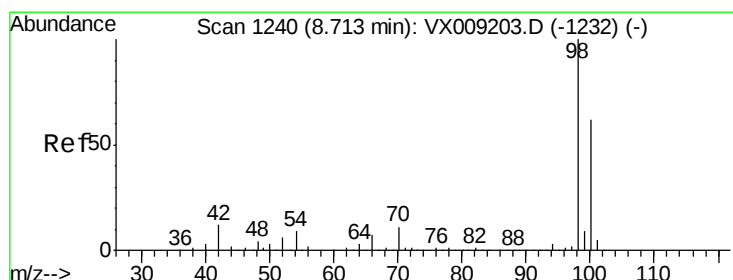
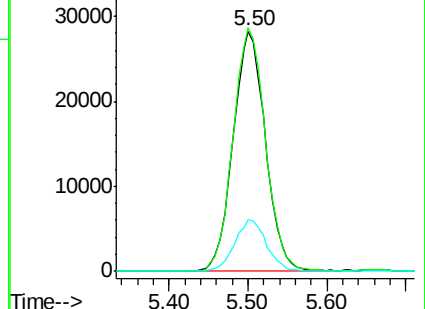
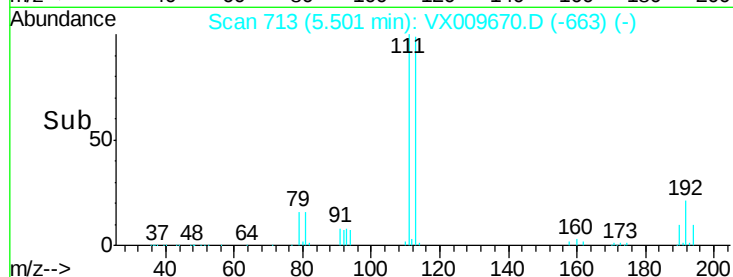
192 21.2 17.0 25.6



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



#50

Toluene-d8

Concen: 49.824 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009670.D

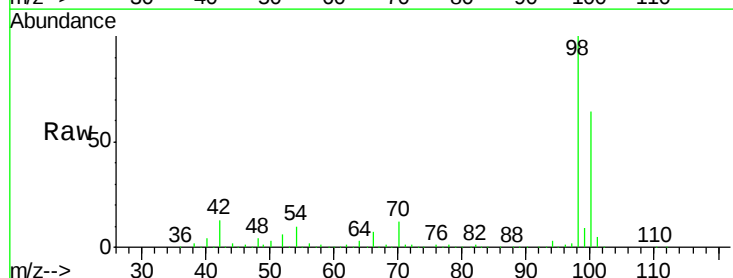
Acq: 17 May 2019 18:31

Tgt Ion: 98 Resp: 326526

Ion Ratio Lower Upper

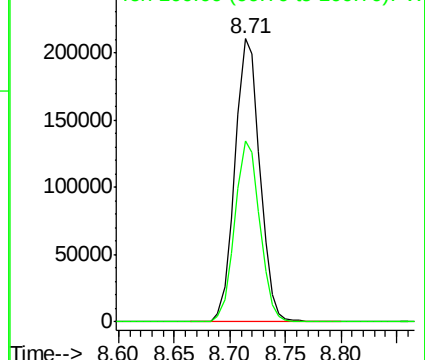
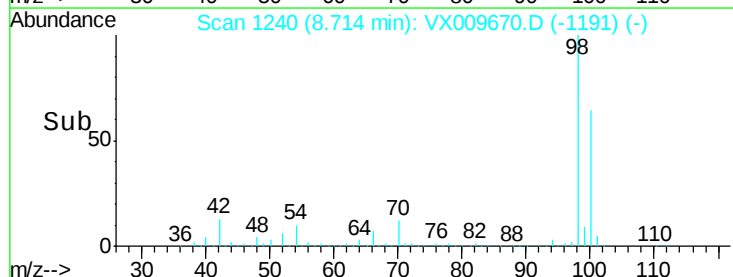
98 100

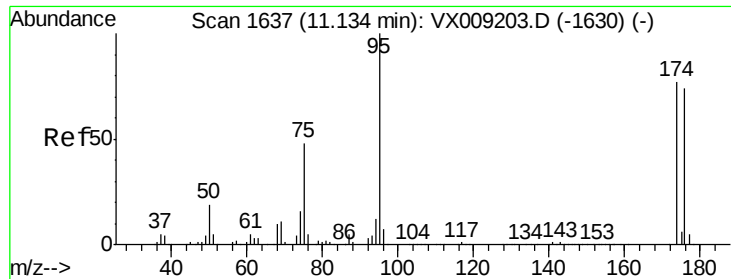
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.678 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

FEQC-TB-051619

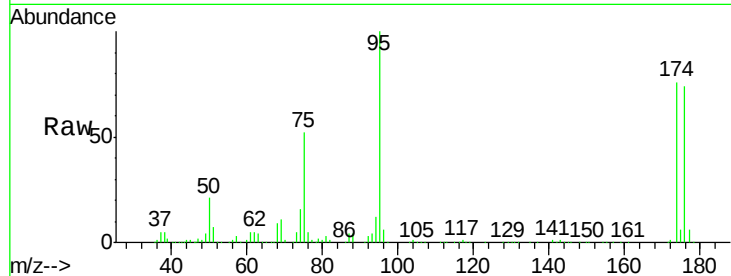
Tot Ion: 95 Resp: 106394

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

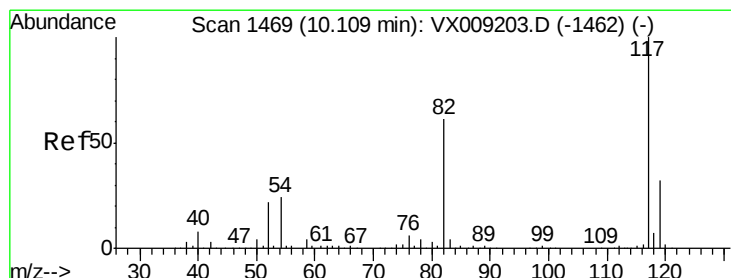
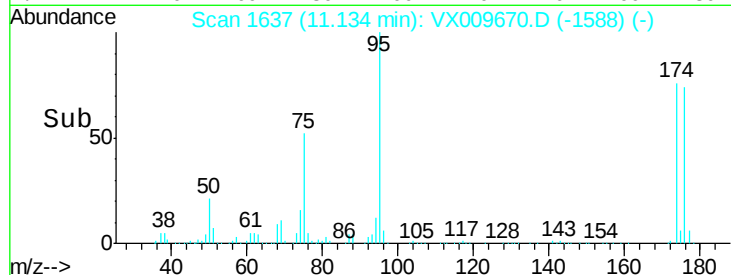
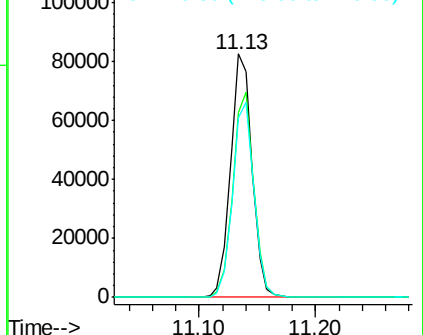
176 79.7 0.0 159.2



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009670.D

Acq: 17 May 2019 18:31

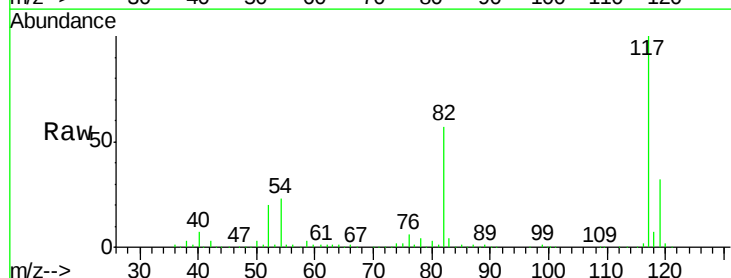
Tgt Ion: 117 Resp: 227040

Ion Ratio Lower Upper

117 100

82 57.5 48.8 73.2

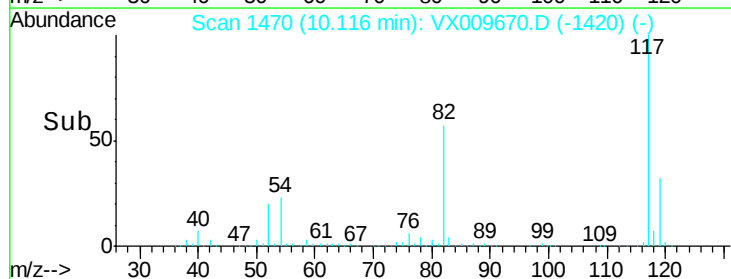
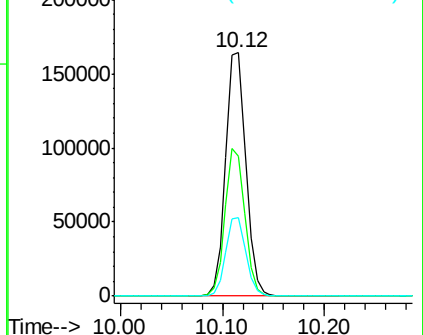
119 32.5 25.8 38.6

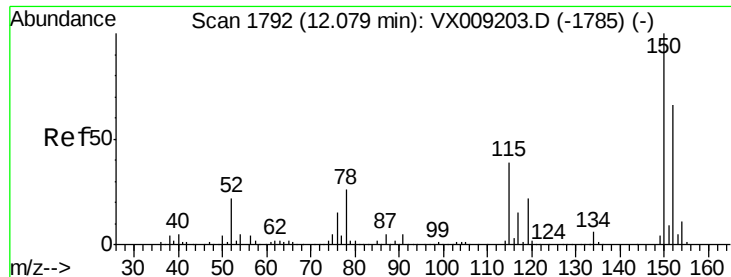


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX009670.D

Acq: 17 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

FEQC-TB-051619

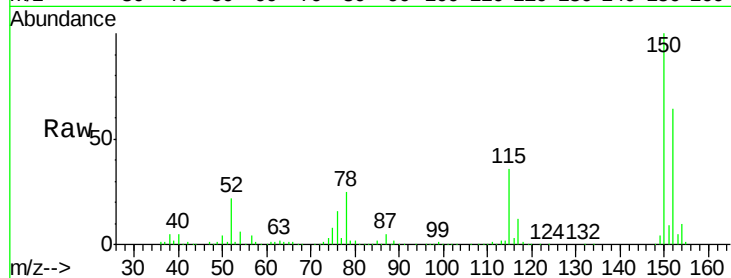
Tot Ion:152 Resp: 95117

Ion Ratio Lower Upper

152 100

115 58.4 41.2 123.6

150 155.9 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

