

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009576.D
 Acq On : 15 May 2019 13:40
 Operator : JC/SP
 Sample : K2838-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-FB-051419

Quant Time: May 16 01:42:01 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

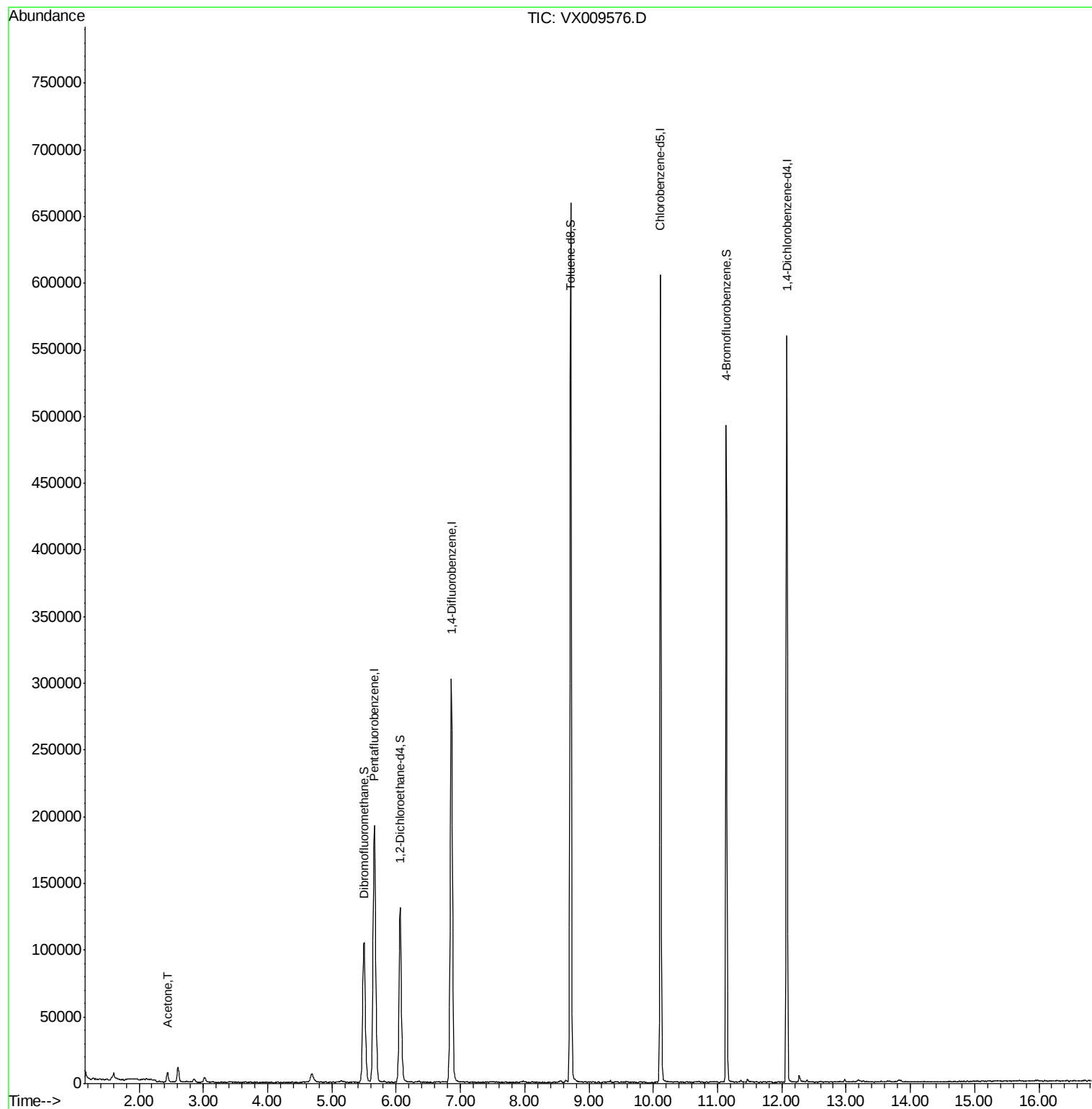
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123202	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	5.49	113	91009	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	376494	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	125220	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds						
16) Acetone	2.44	43	8441	6.114	ug/l	Qvalue 96

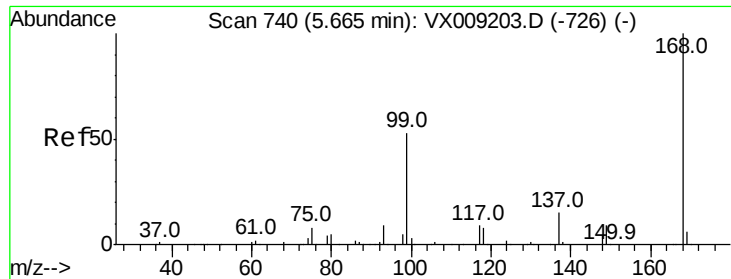
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009576.D

Acq: 15 May 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

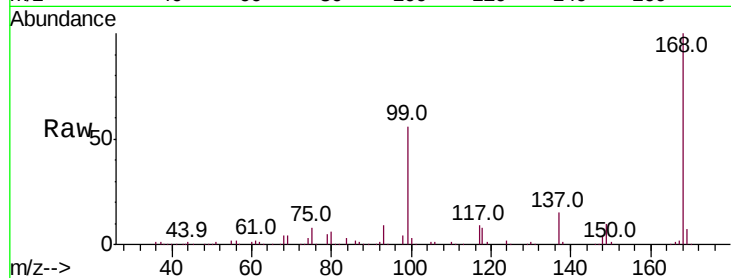
FEQC-FB-051419

Tot Ion:168 Resp: 188335

Ion Ratio Lower Upper

168 100

99 55.4 42.3 63.5

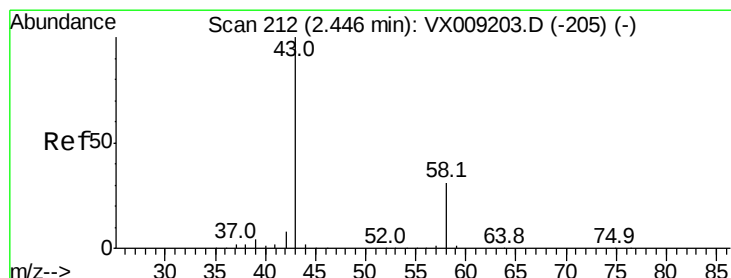
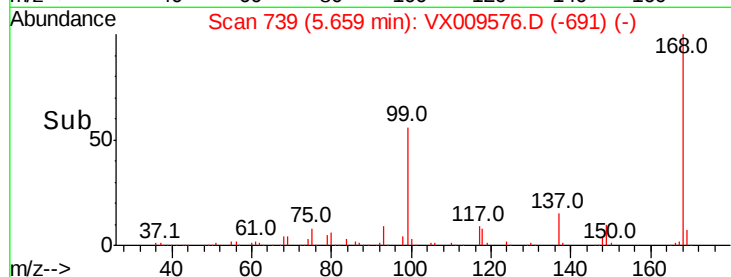


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#16

Acetone

Concen: 6.114 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009576.D

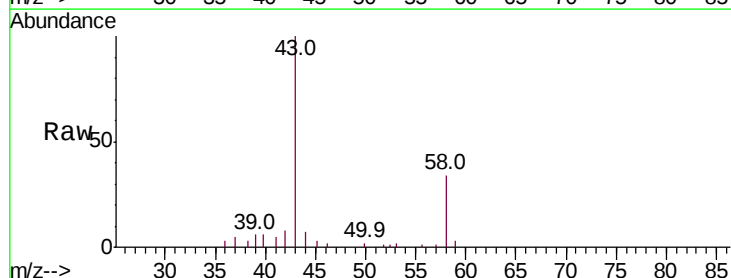
Acq: 15 May 2019 13:40

Tgt Ion: 43 Resp: 8441

Ion Ratio Lower Upper

43 100

58 33.5 24.9 37.3

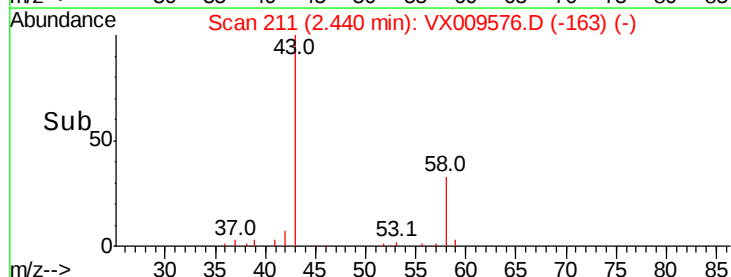


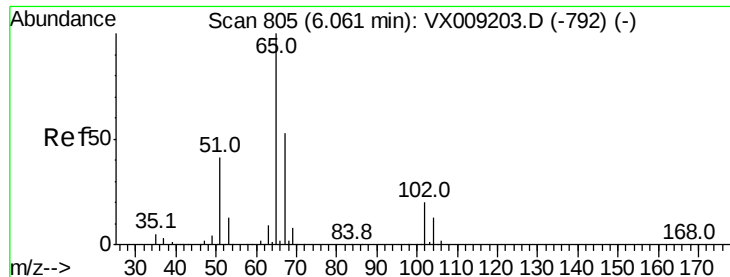
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.920 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009576.D

Acq: 15 May 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

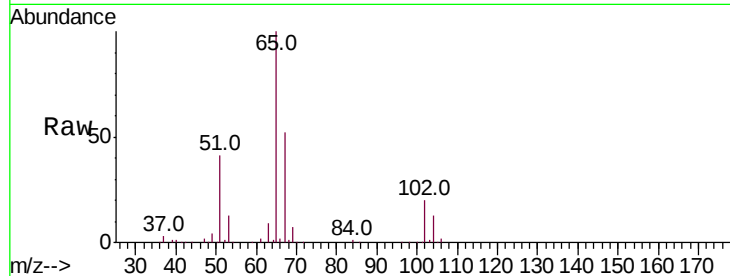
FEQC-FB-051419

Tot Ion: 65 Resp: 123202

Ion Ratio Lower Upper

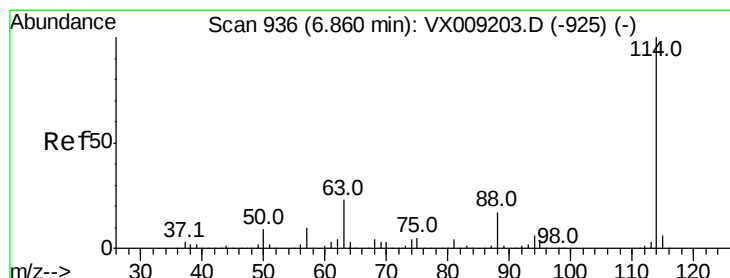
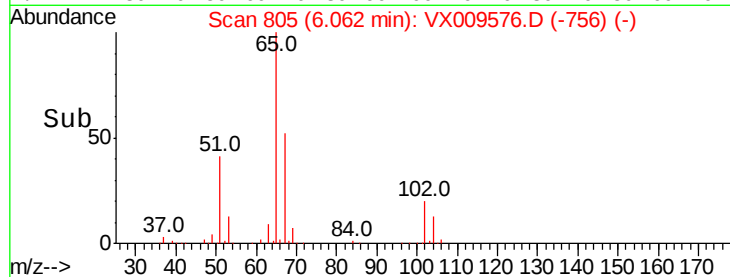
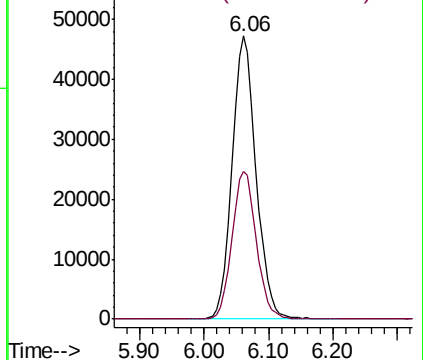
65 100

67 52.9 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009576.D

Acq: 15 May 2019 13:40

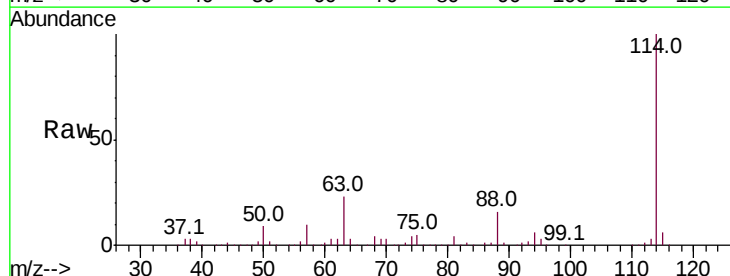
Tgt Ion:114 Resp: 297510

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

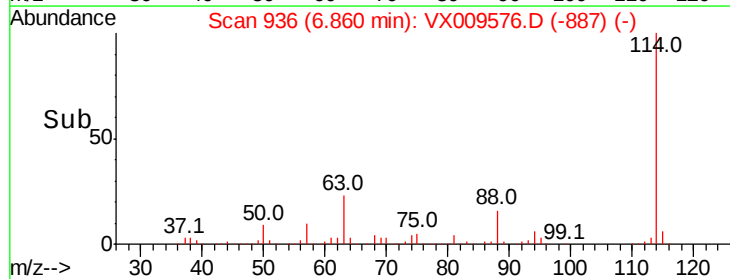
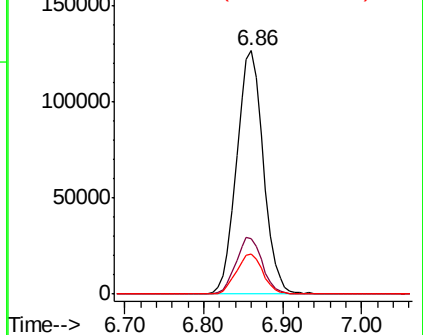
88 16.5 0.0 33.2

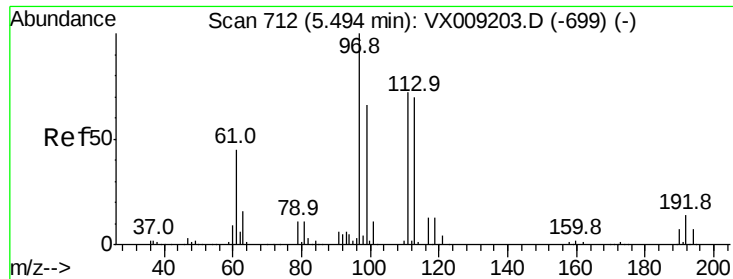


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

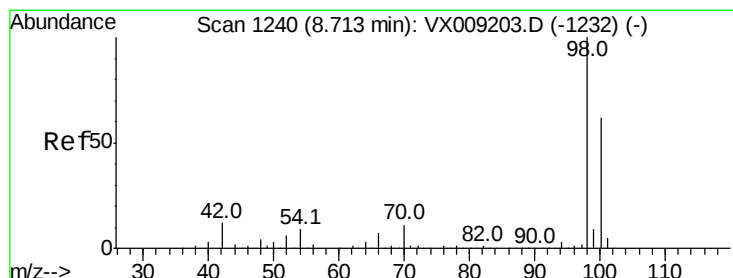
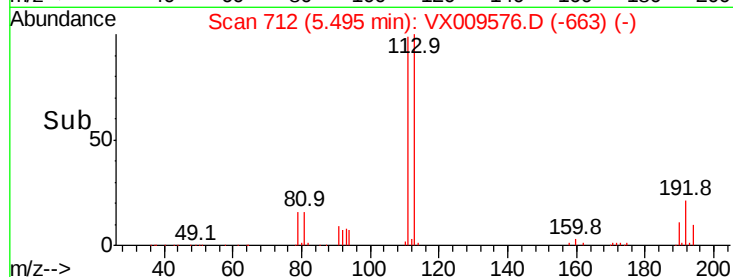
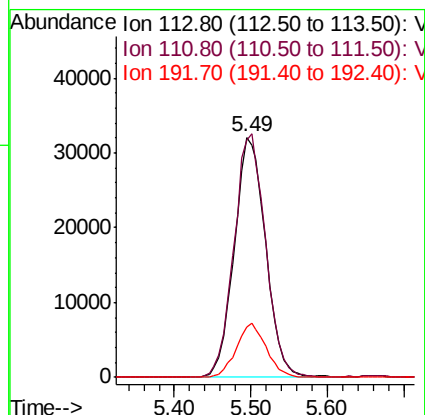
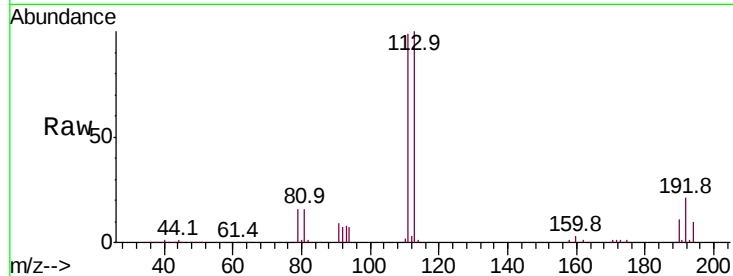




#35
 Dibromofluoromethane
 Concen: 48.661 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009576.D
 Acq: 15 May 2019 13:40

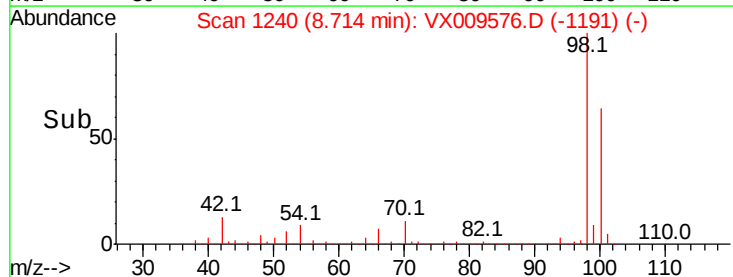
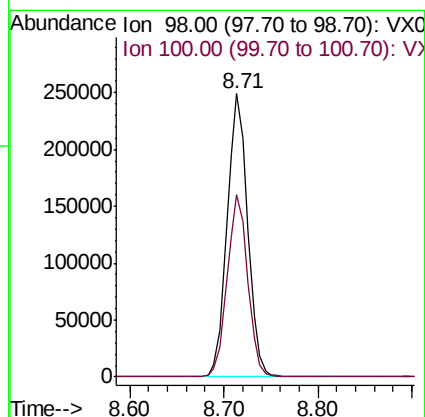
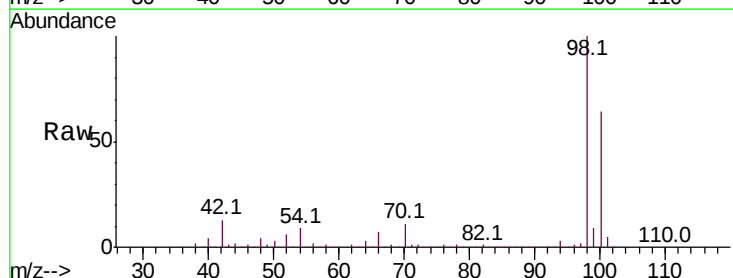
Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-FB-051419

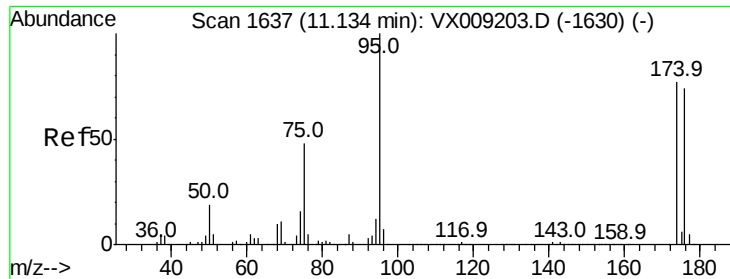
Tot Ion:113 Resp: 91009
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 21.5 17.0 25.6



#50
 Toluene-d8
 Concen: 49.862 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009576.D
 Acq: 15 May 2019 13:40

Tgt Ion: 98 Resp: 376494
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.640 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009576.D

Acq: 15 May 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

FEQC-FB-051419

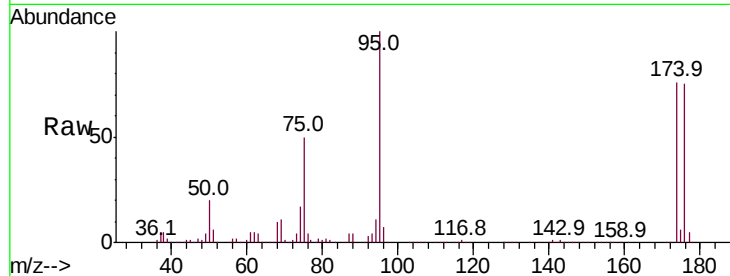
Tot Ion: 95 Resp: 125220

Ion Ratio Lower Upper

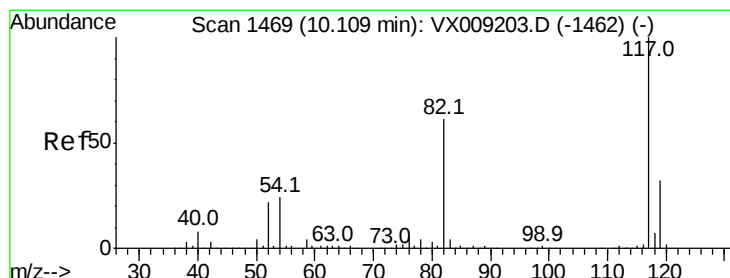
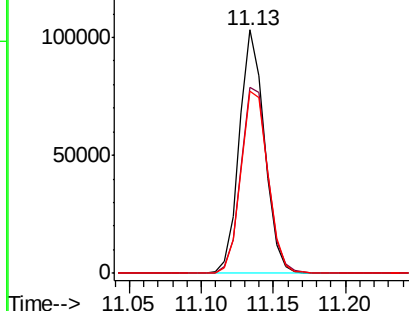
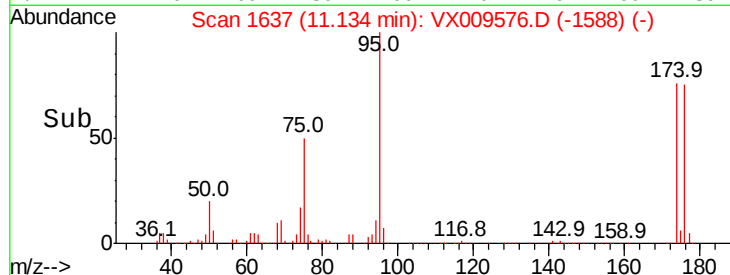
95 100

174 82.1 0.0 161.6

176 80.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009576.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009576.D

Acq: 15 May 2019 13:40

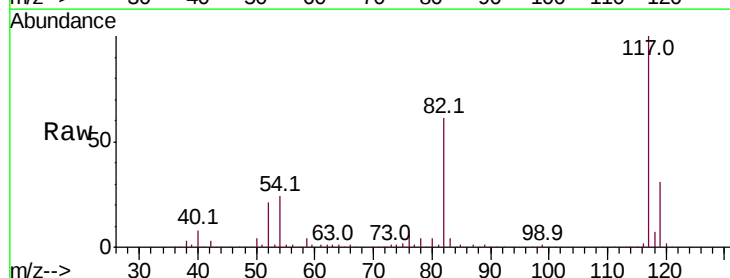
Tgt Ion: 117 Resp: 262642

Ion Ratio Lower Upper

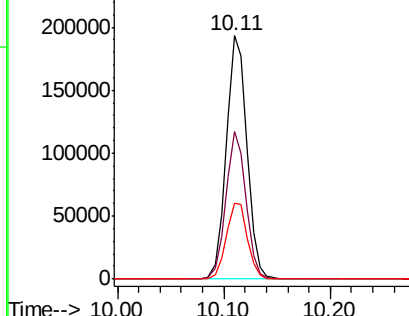
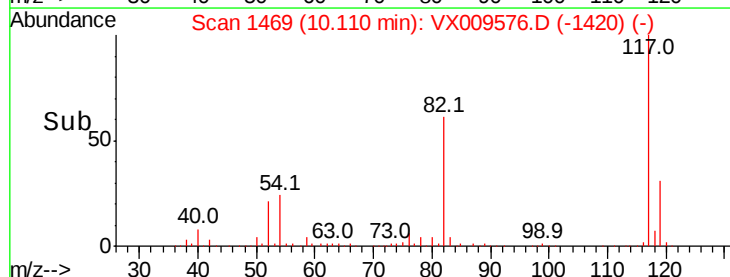
117 100

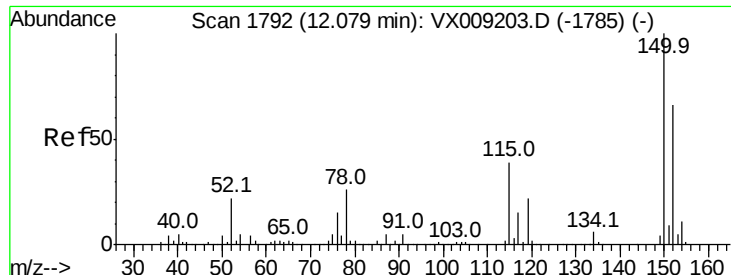
82 60.6 48.8 73.2

119 31.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009576.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009576.D
 Acq: 15 May 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FEQC-FB-051419

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	156.0	0.0	346.4

