

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052219\
 Data File : VW010506.D
 Acq On : 22 May 2019 13:19
 Operator : SY/VA
 Sample : K2986-03
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FEQC-052119

Quant Time: Jun 01 00:52:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

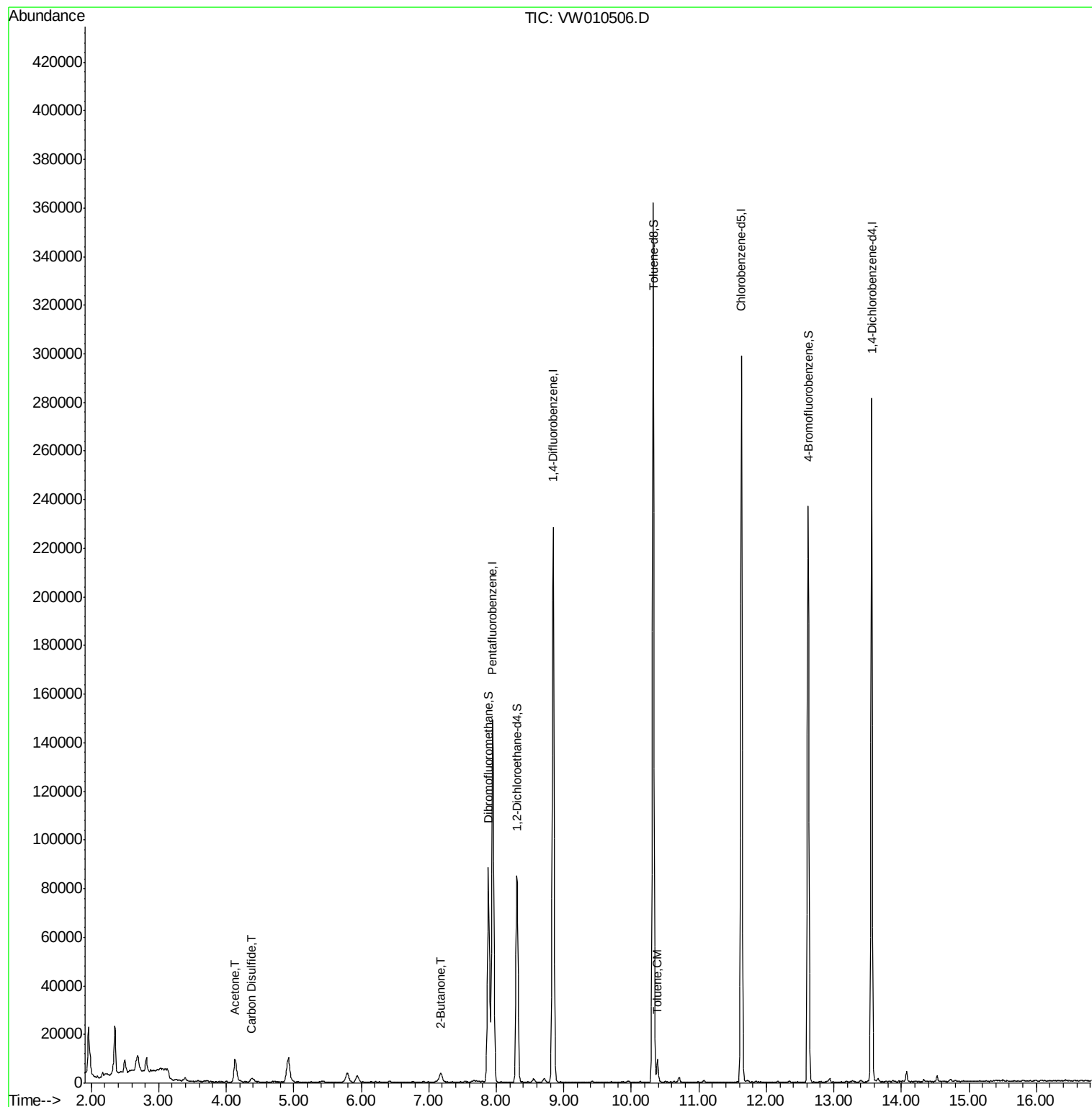
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	203220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	66834	58.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.88%	
35) Dibromofluoromethane	7.88	113	63994	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.32	98	248204	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.62	95	87630	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	4.13	43	17475	74.859	ug/l	100
17) Carbon Disulfide	4.38	76	3697	1.059	ug/l #	89
25) 2-Butanone	7.18	43	6669	19.963	ug/l	96
52) Toluene	10.39	92	4275	1.210	ug/l	99

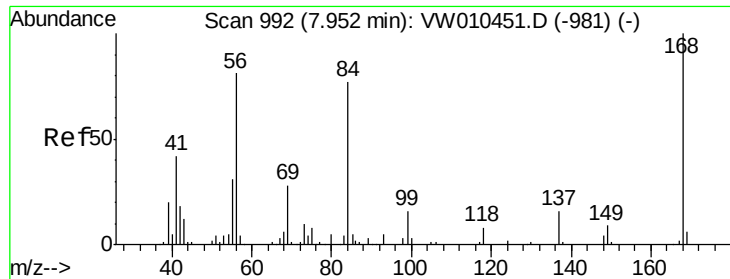
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010506.D

Acq: 22 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

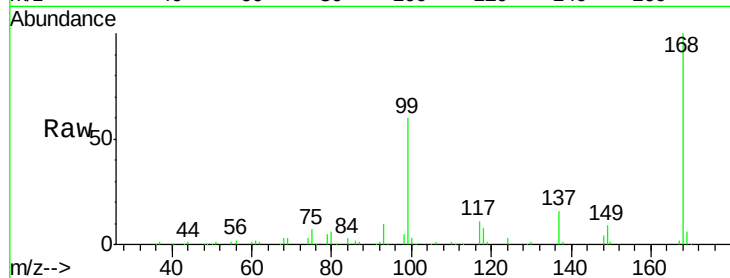
FEQC-052119

Tot Ion:168 Resp: 110798

Ion Ratio Lower Upper

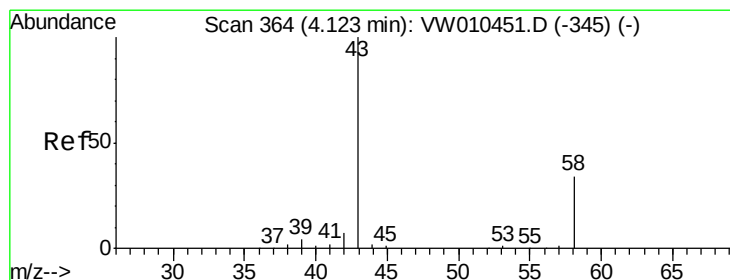
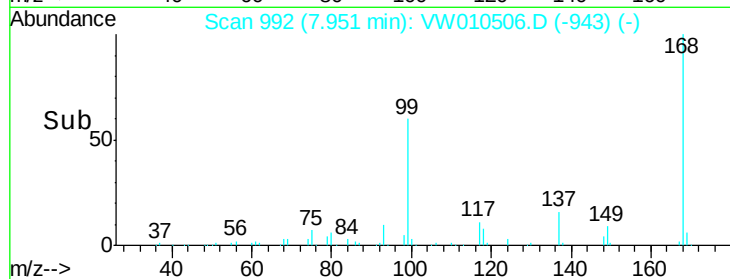
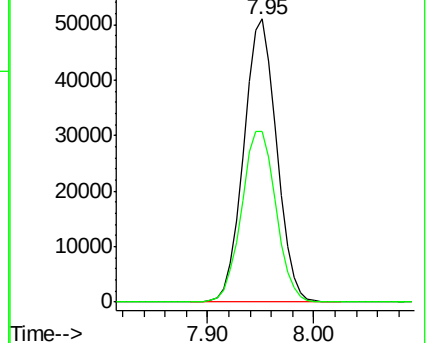
168 100

99 60.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 74.859 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010506.D

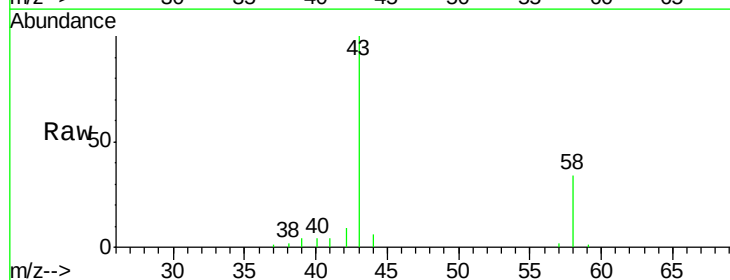
Acq: 22 May 2019 13:19

Tgt Ion: 43 Resp: 17475

Ion Ratio Lower Upper

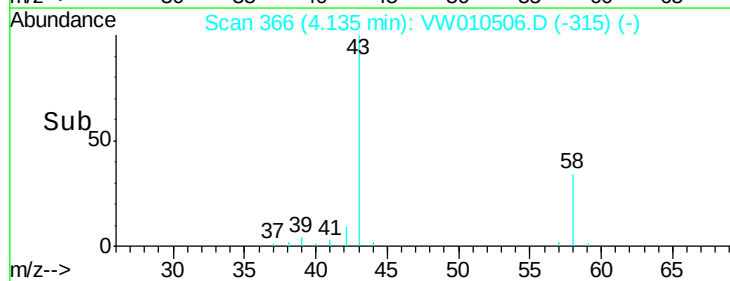
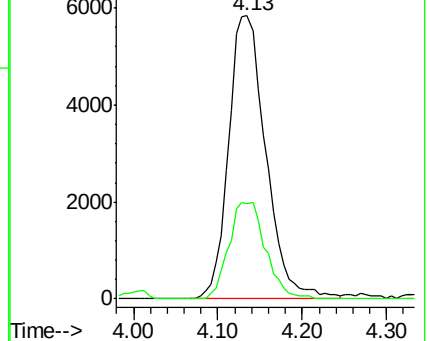
43 100

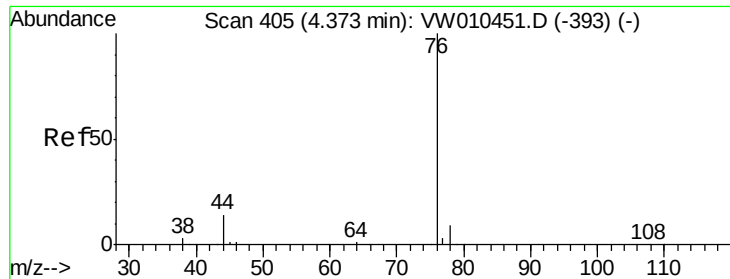
58 33.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.059 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010506.D

Acq: 22 May 2019 13:19

Instrument :

MSVOA_W

ClientSampled :

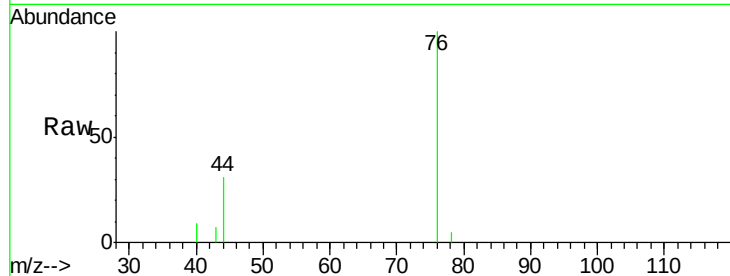
FEQC-052119

Tot Ion: 76 Resp: 3697

Ion Ratio Lower Upper

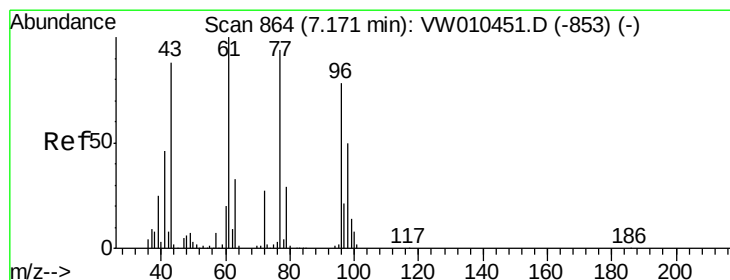
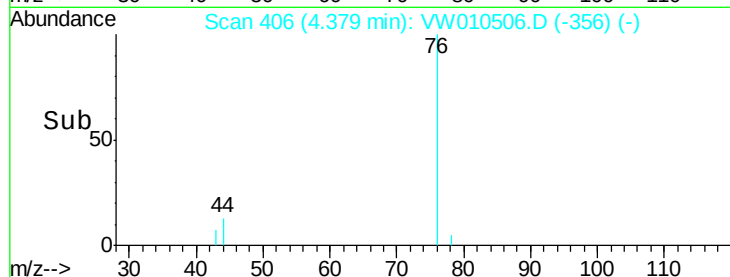
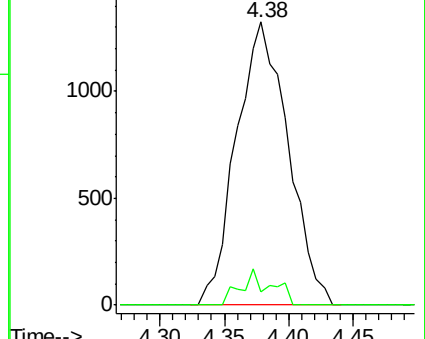
76 100

78 4.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 19.963 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010506.D

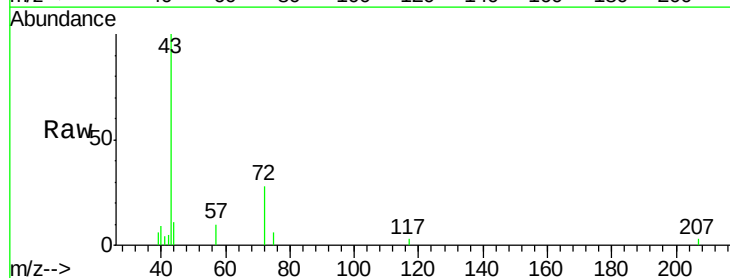
Acq: 22 May 2019 13:19

Tgt Ion: 43 Resp: 6669

Ion Ratio Lower Upper

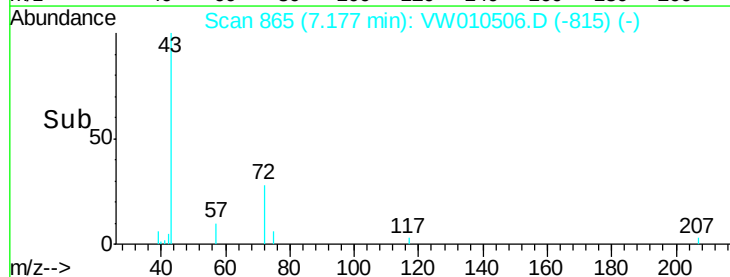
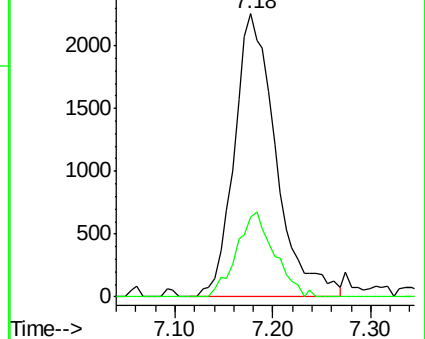
43 100

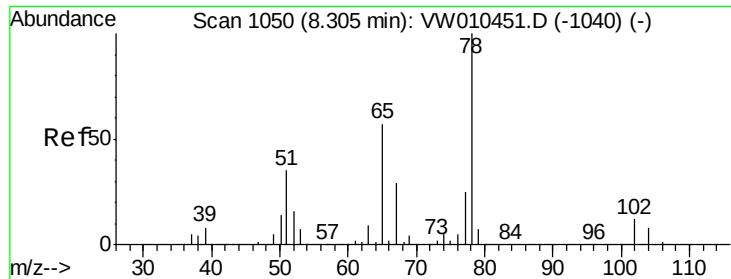
72 28.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

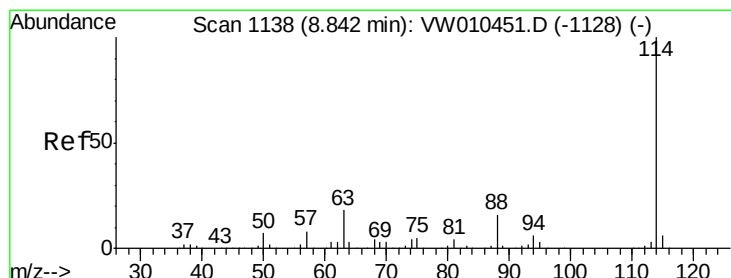
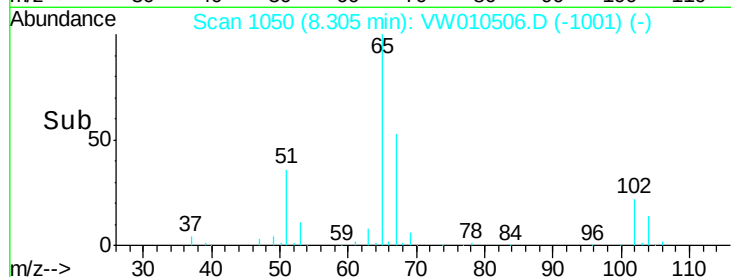
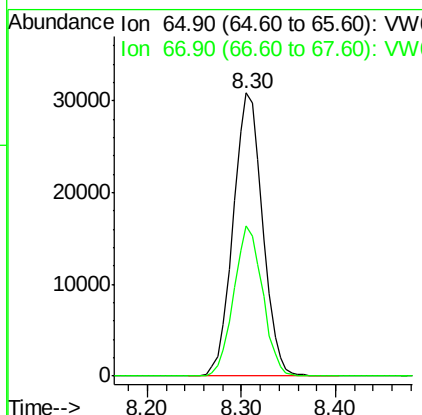
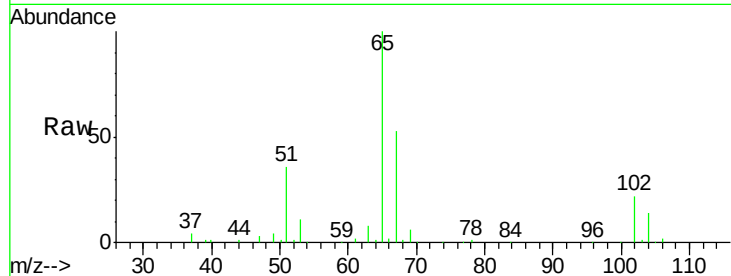




#33
 1,2-Dichloroethane-d4
 Concen: 58.441 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010506.D
 Acq: 22 May 2019 13:19

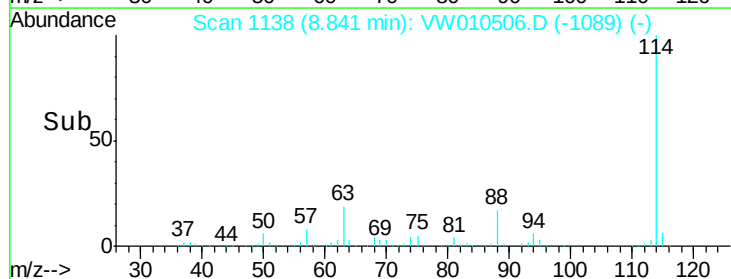
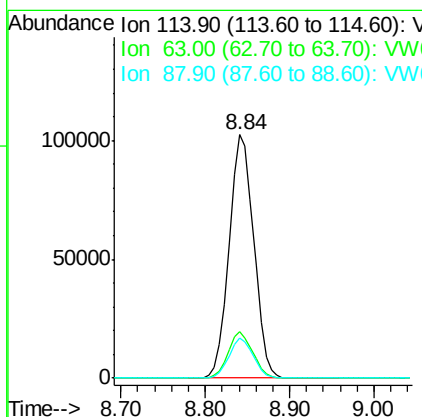
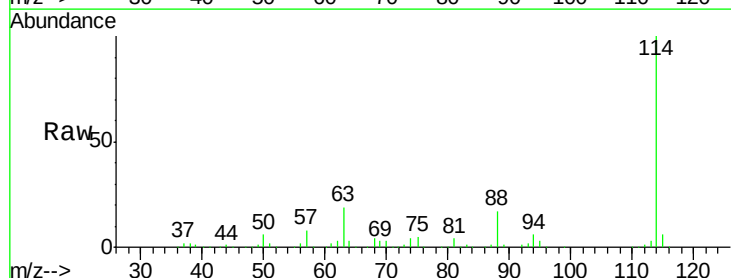
Instrument :
 MSVOA_W
 ClientSampleId :
 FEQC-052119

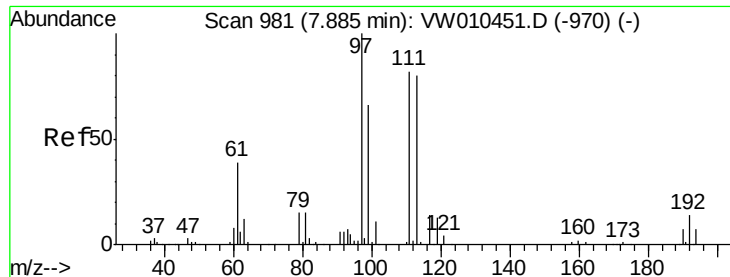
Tot Ion: 65 Resp: 66834
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010506.D
 Acq: 22 May 2019 13:19

Tgt Ion: 114 Resp: 203220
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 16.7 0.0 32.0

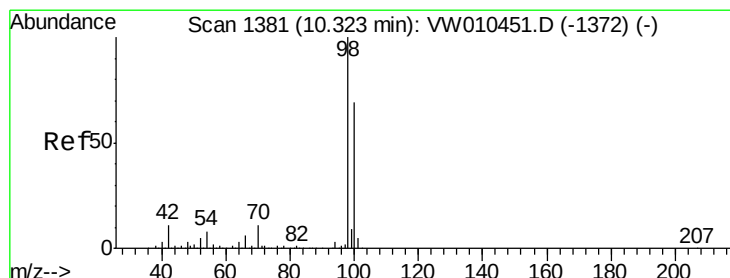
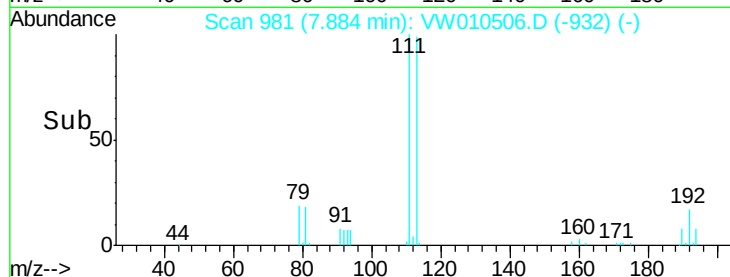
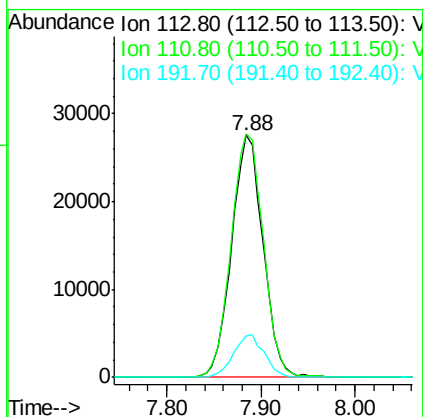
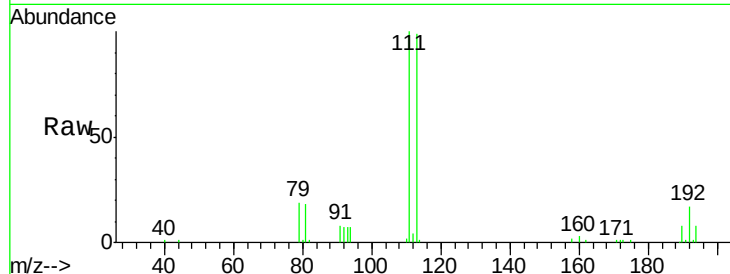




#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

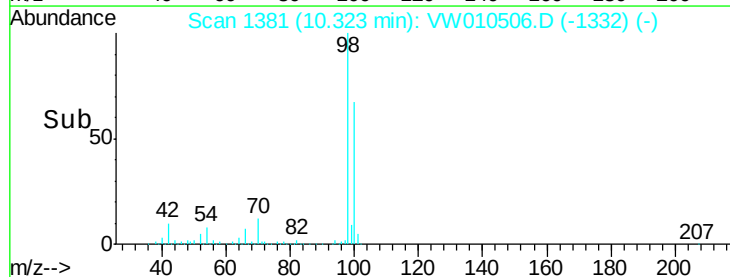
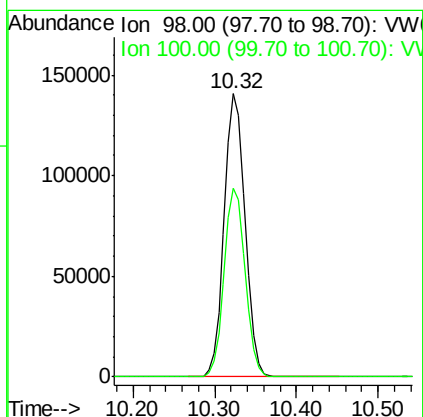
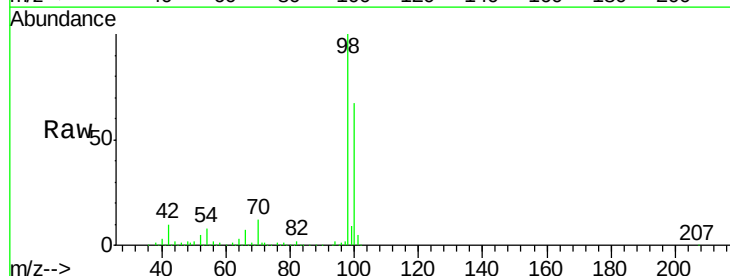
Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

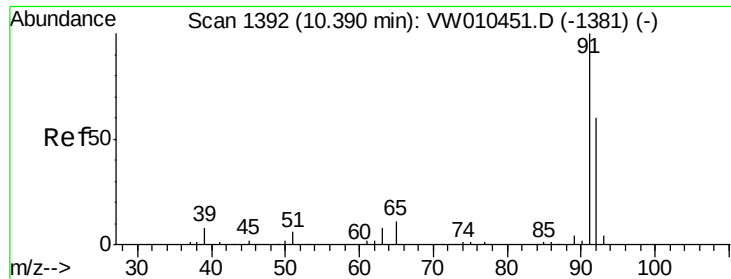
Tot Ion:113 Resp: 63994
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.1 14.3 21.5



#50
Toluene-d8
Concen: 52.689 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 98 Resp: 248204
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5





#52

Toluene

Concen: 1.210 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010506.D

Acq: 22 May 2019 13:19

Instrument :

MSVOA_W

ClientSampleId :

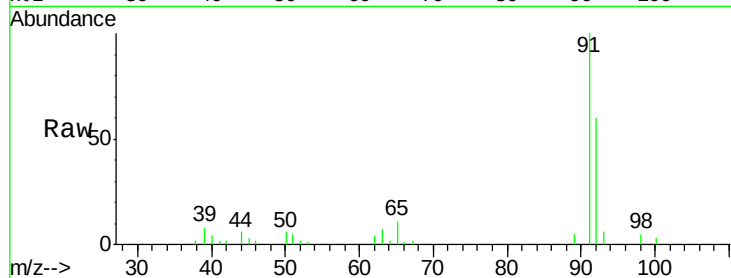
FEQC-052119

Tot Ion: 92 Resp: 4275

Ion Ratio Lower Upper

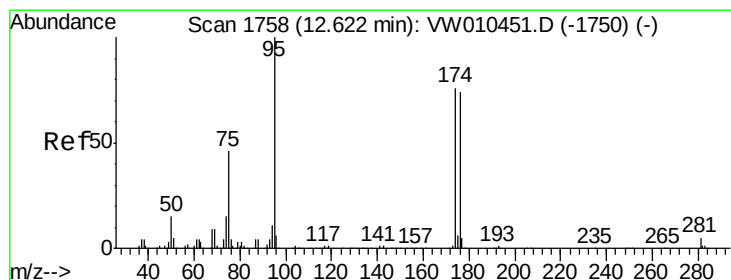
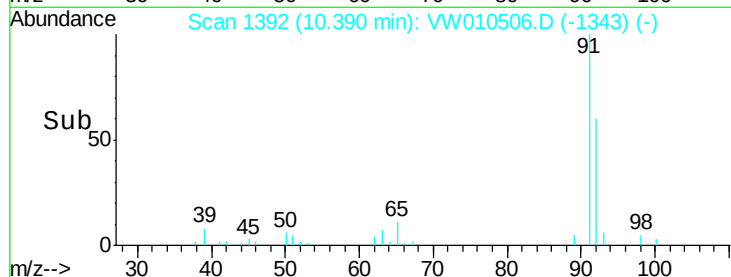
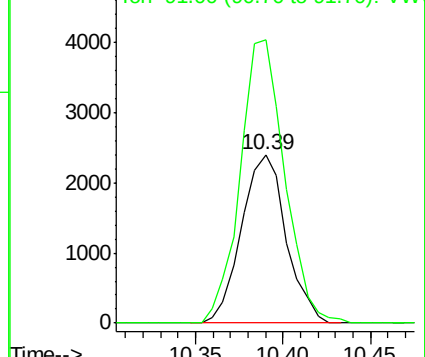
92 100

91 167.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 46.702 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010506.D

Acq: 22 May 2019 13:19

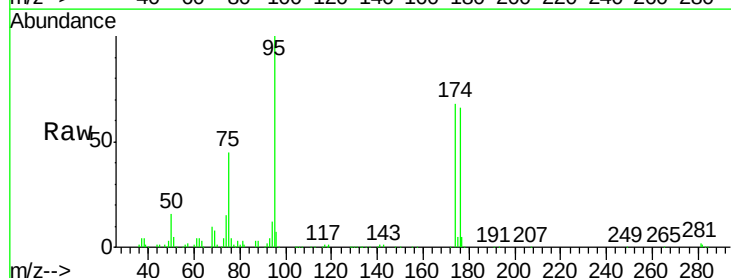
Tgt Ion: 95 Resp: 87630

Ion Ratio Lower Upper

95 100

174 67.8 0.0 148.6

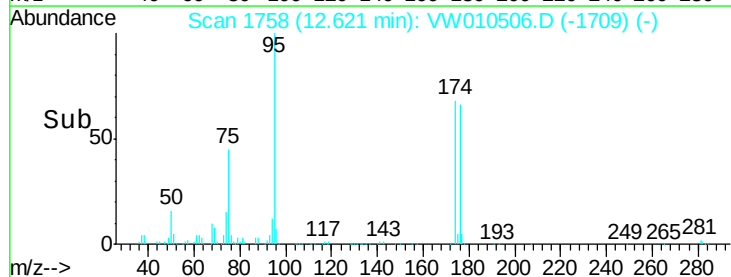
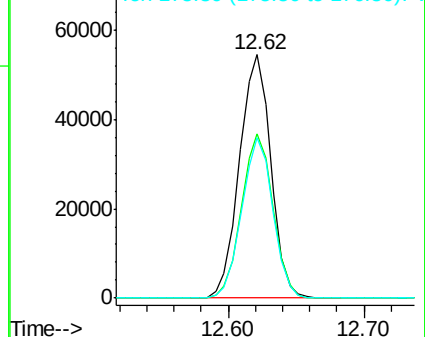
176 65.2 0.0 144.2

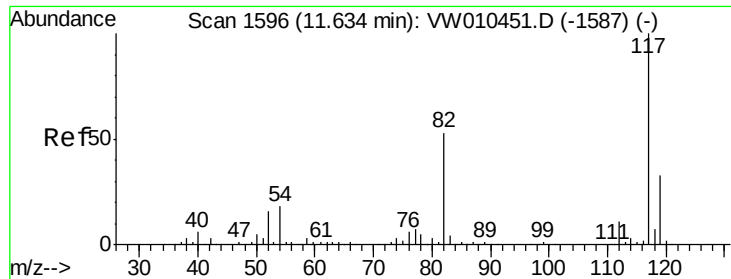


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

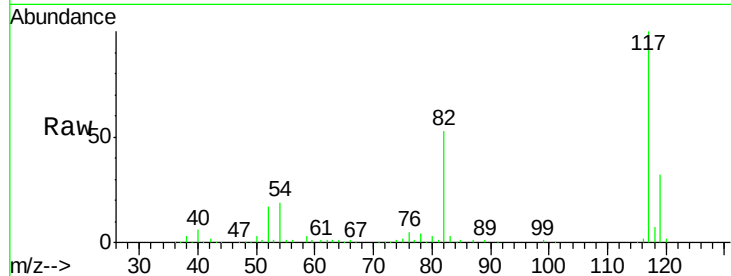




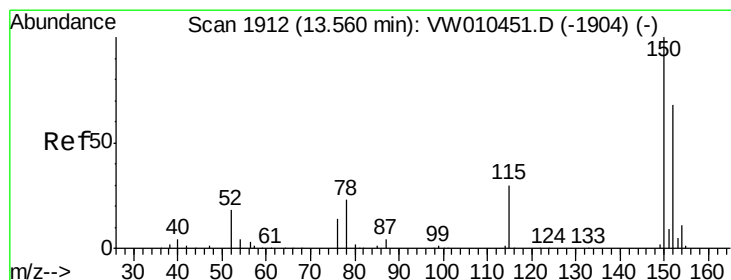
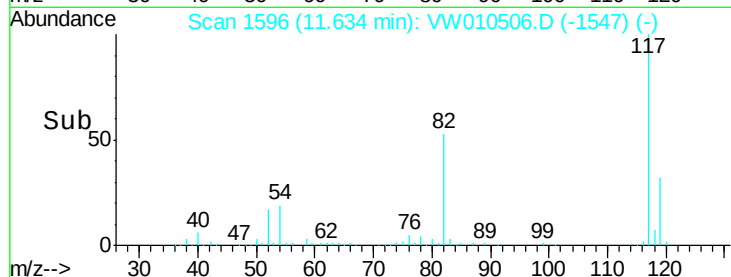
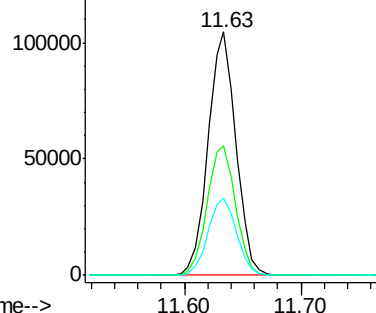
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tot Ion:117 Resp: 173942
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.9 26.3 39.5

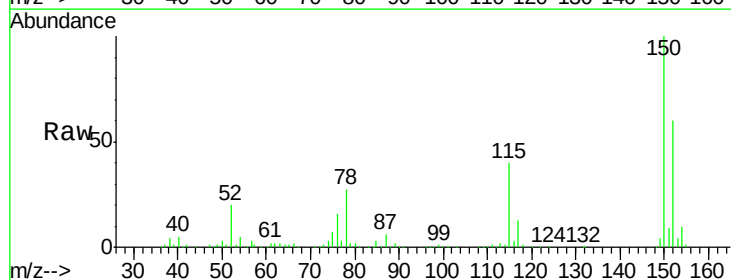


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion:152 Resp: 70739
Ion Ratio Lower Upper
152 100
115 64.2 30.3 91.0
150 159.1 0.0 349.8



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

