

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010436.D
 Acq On : 18 May 2019 03:40
 Operator : SY/VA
 Sample : K2906-01
 Misc : 7.13G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-11(7-7.5)

Quant Time: May 27 04:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 18 01:59:40 2019
 Response via : Initial Calibration

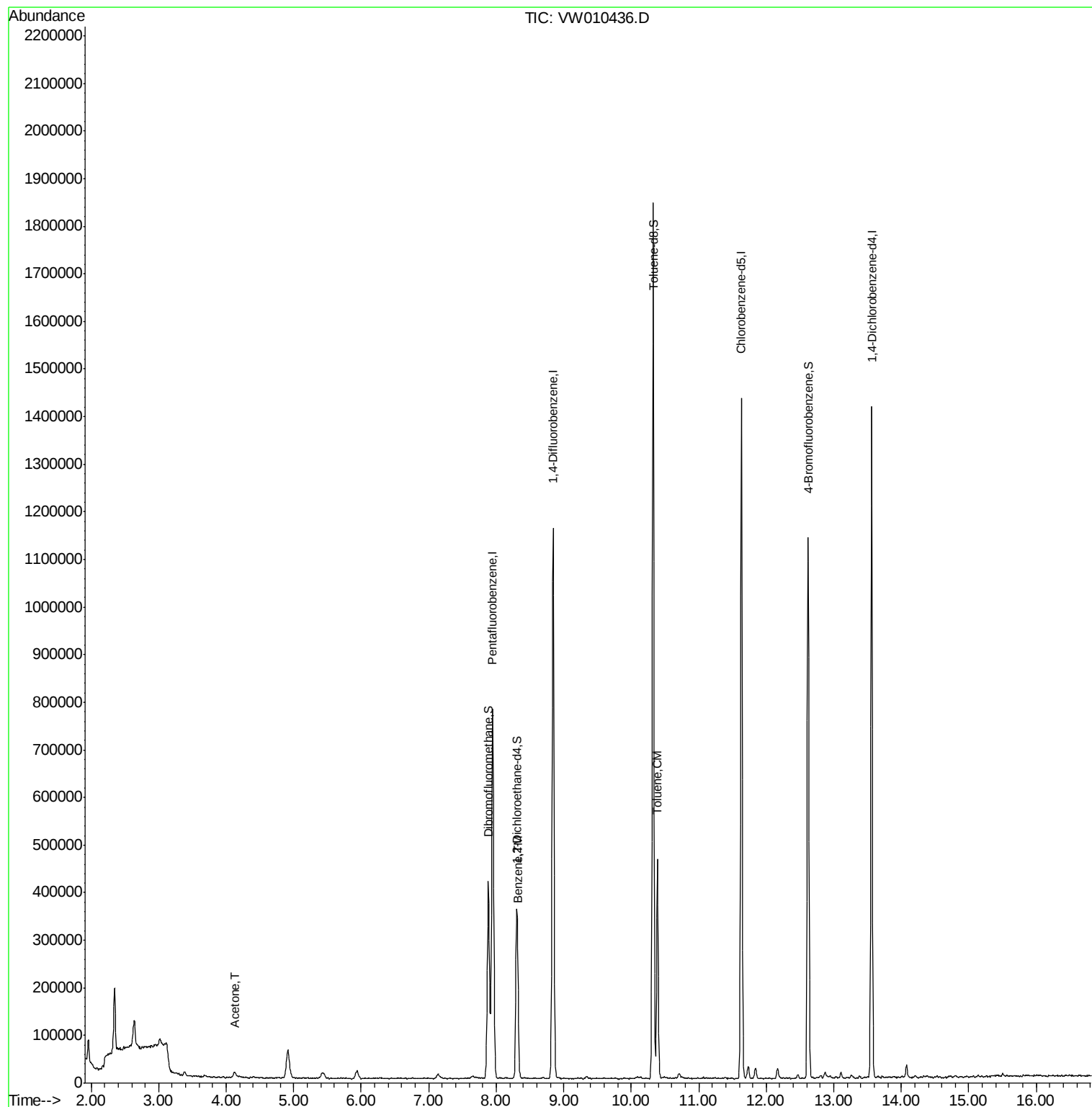
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1014929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	832161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	350422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	277953	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
35) Dibromofluoromethane	7.88	113	298131	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.32	98	1228003	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	422250	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
Target Compounds						
16) Acetone	4.13	43	20448	18.728	ug/l	98
40) Benzene	8.32	78	30500	1.189	ug/l	99
52) Toluene	10.39	92	204612	12.014	ug/l	99

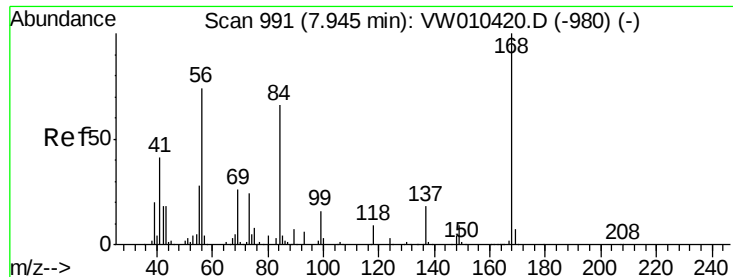
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

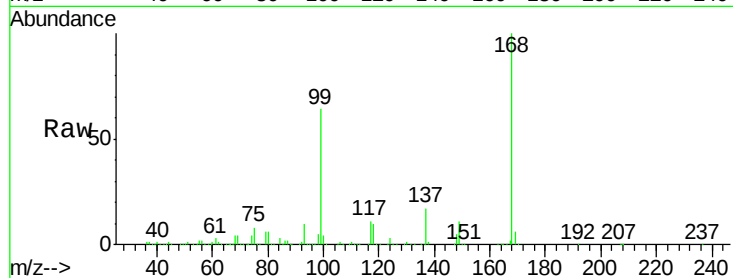
FESB-11(7-7.5)

Tot Ion:168 Resp: 565175

Ion Ratio Lower Upper

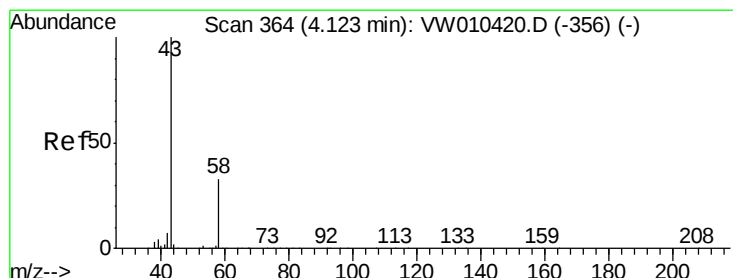
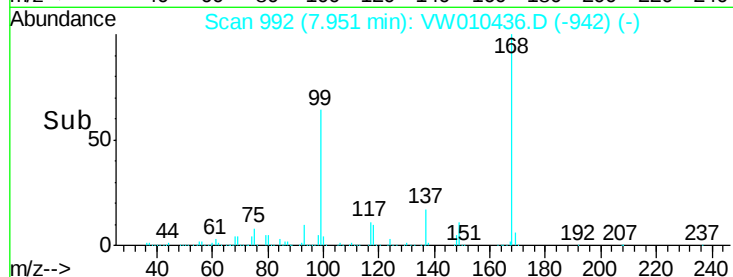
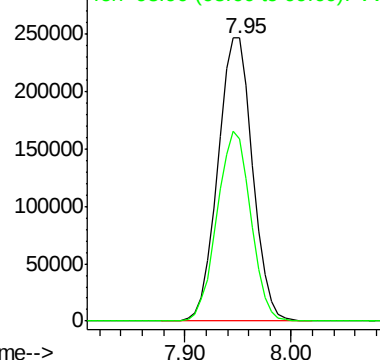
168 100

99 64.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 18.728 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010436.D

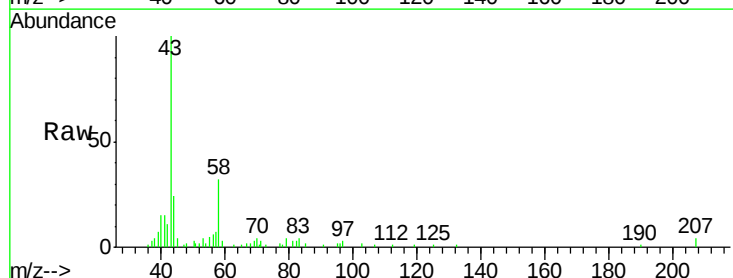
Acq: 18 May 2019 03:40

Tgt Ion: 43 Resp: 20448

Ion Ratio Lower Upper

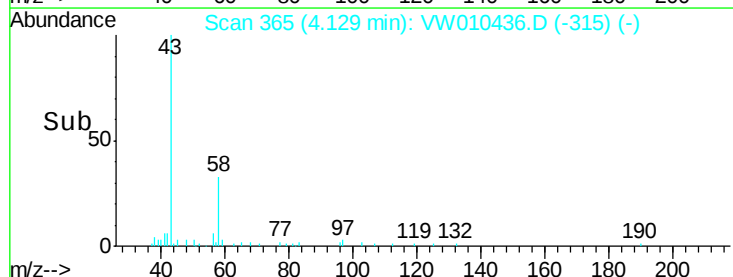
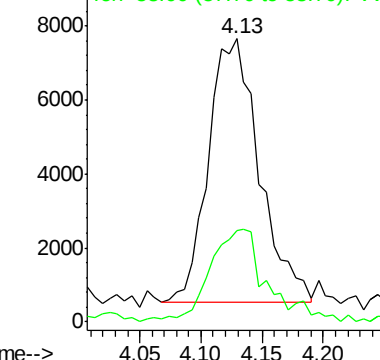
43 100

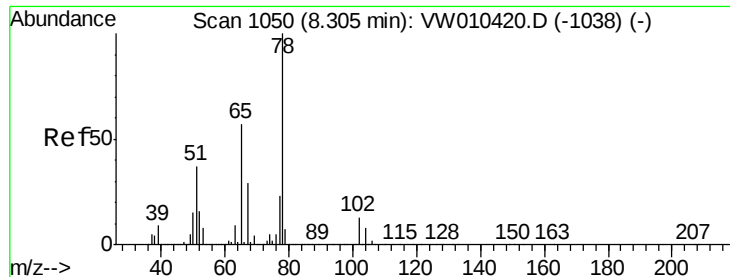
58 33.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 44.843 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampled :

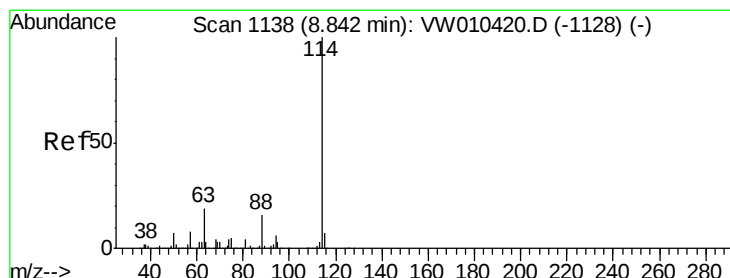
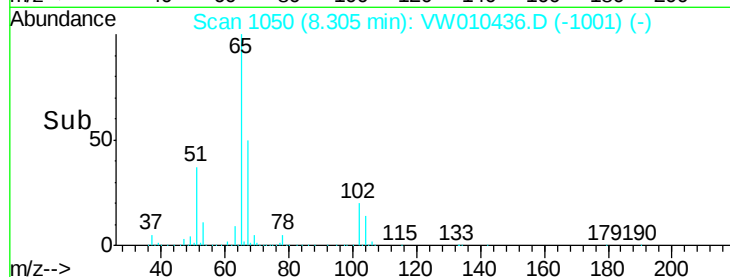
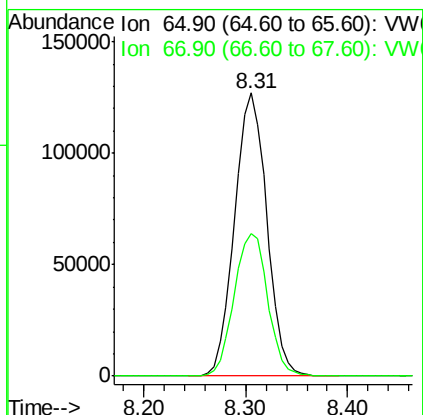
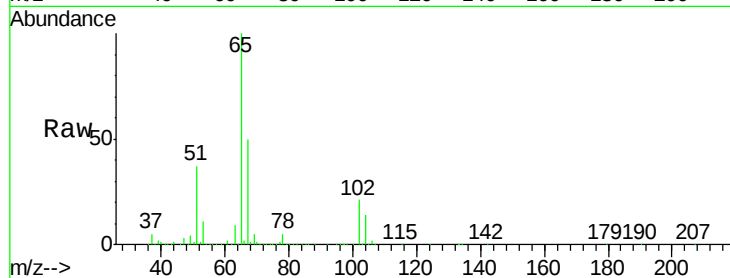
FESB-11(7-7.5)

Tot Ion: 65 Resp: 277953

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

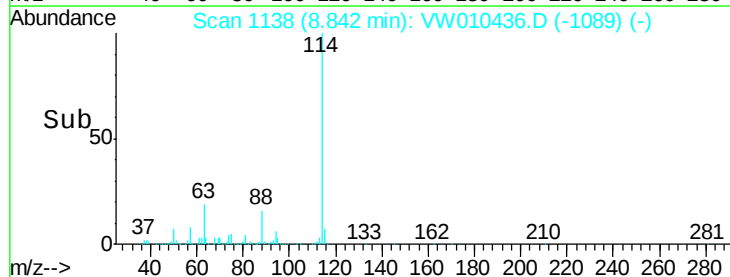
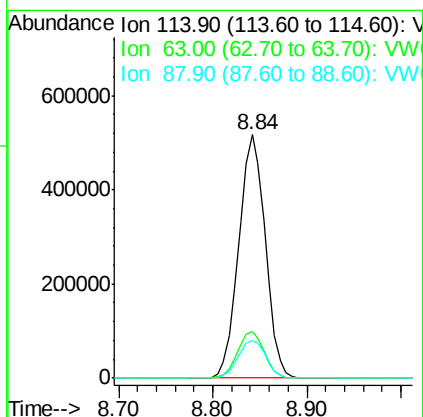
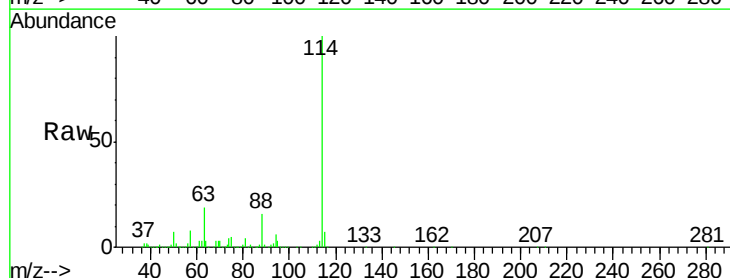
Tgt Ion: 114 Resp: 1014929

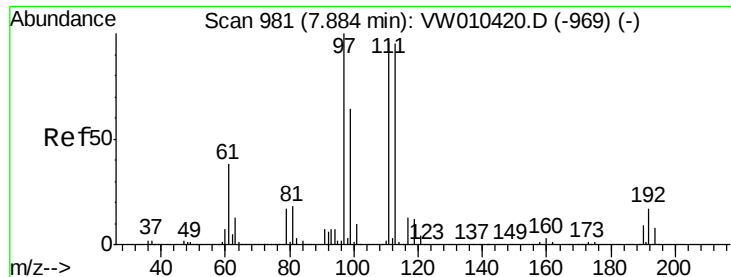
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

88 15.6 0.0 31.6

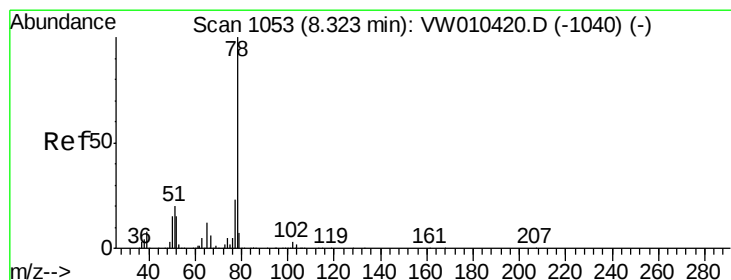
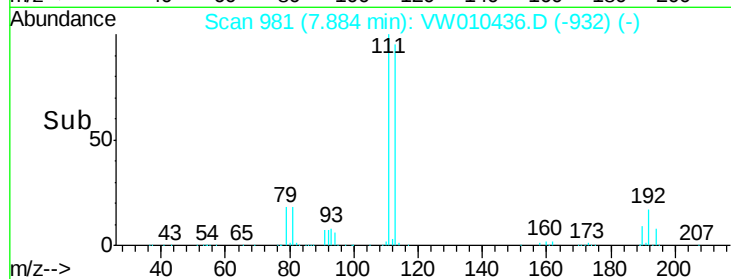
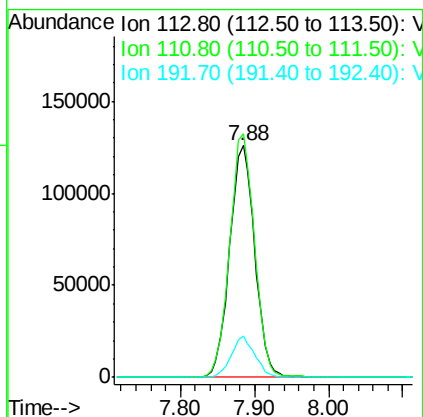
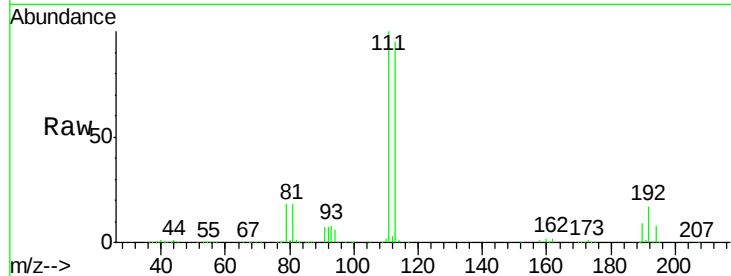




#35
Dibromofluoromethane
Concen: 47.560 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

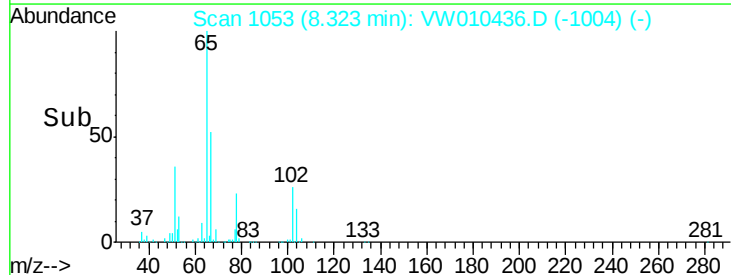
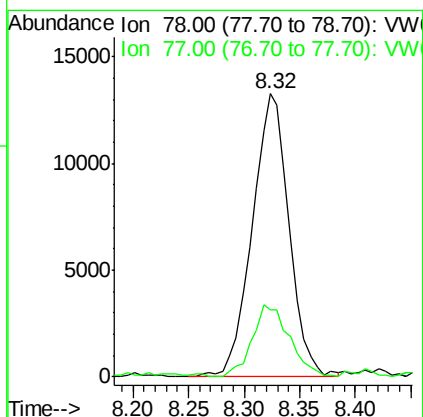
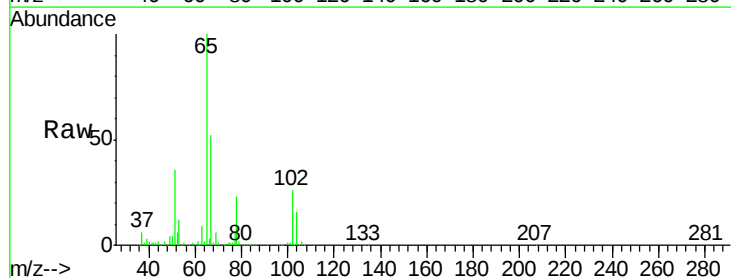
Instrument :
MSVOA_W
ClientSampleId :
FESB-11(7-7.5)

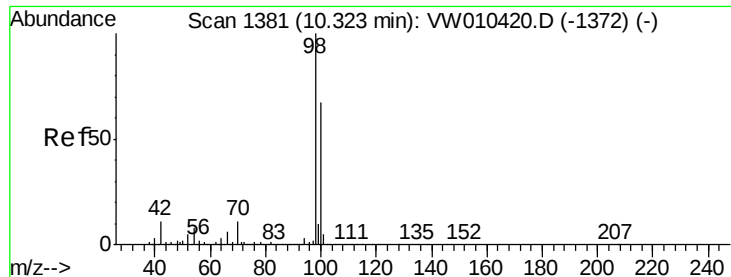
Tot Ion:113 Resp: 298131
Ion Ratio Lower Upper
113 100
111 104.2 82.5 123.7
192 16.6 14.2 21.4



#40
Benzene
Concen: 1.189 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

Tgt Ion: 78 Resp: 30500
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

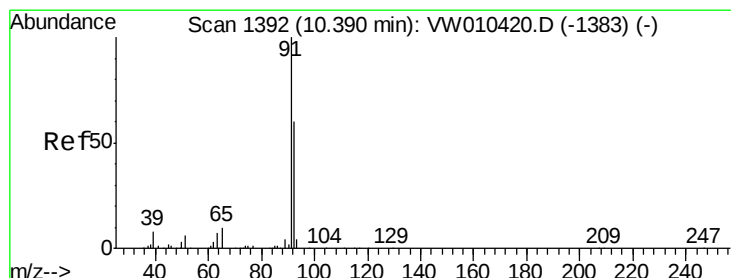
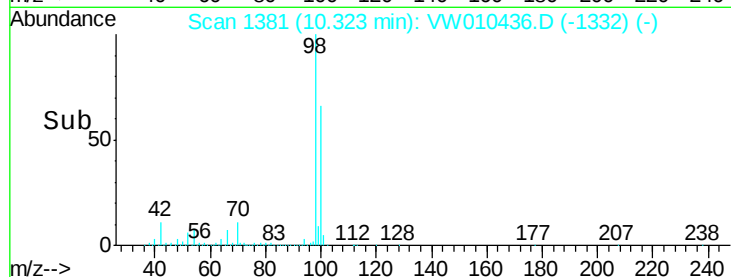
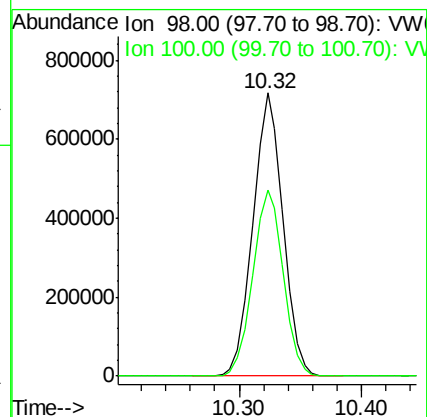
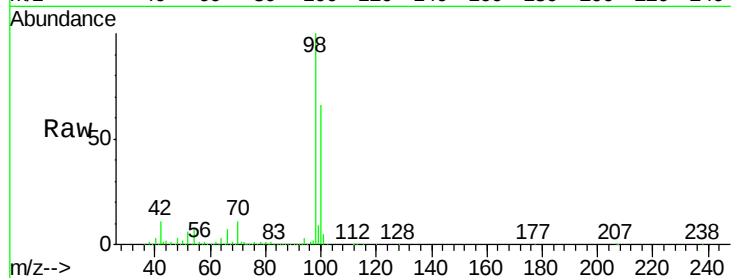
FESB-11(7-7.5)

Tot Ion: 98 Resp: 1228003

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



#52

Toluene

Concen: 12.014 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010436.D

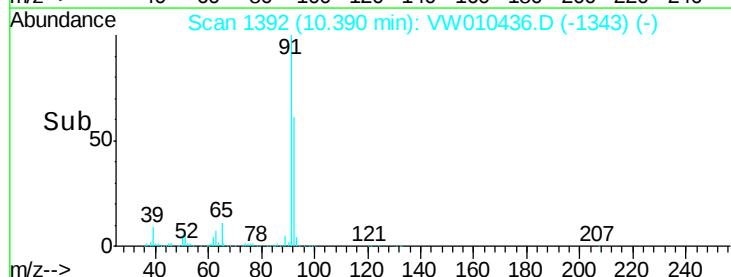
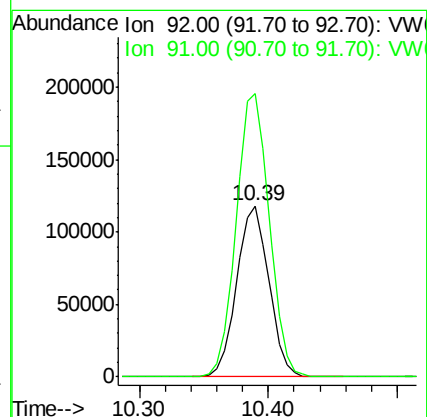
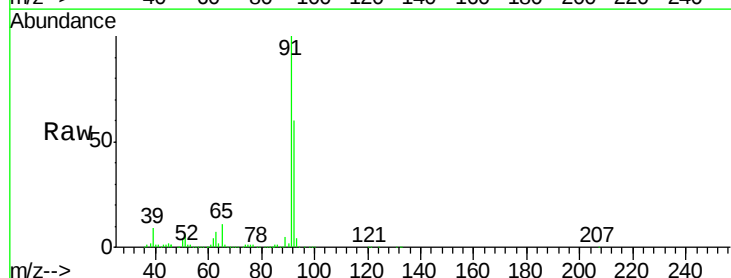
Acq: 18 May 2019 03:40

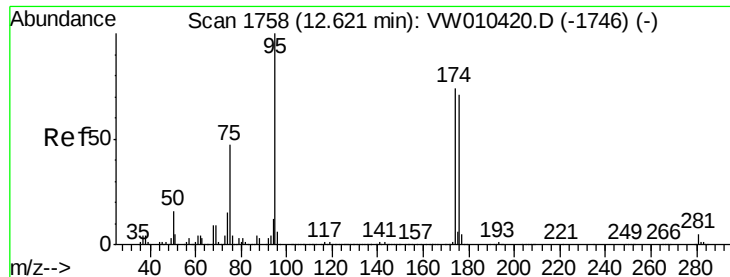
Tgt Ion: 92 Resp: 204612

Ion Ratio Lower Upper

92 100

91 170.2 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 46.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-11(7-7.5)

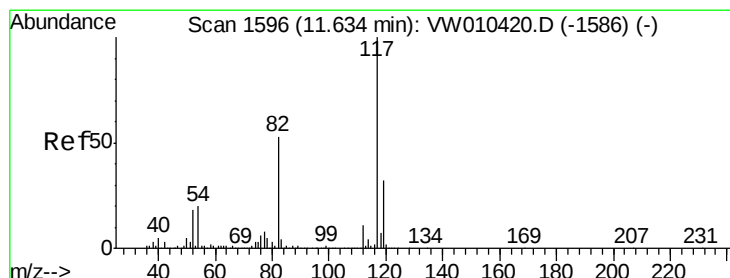
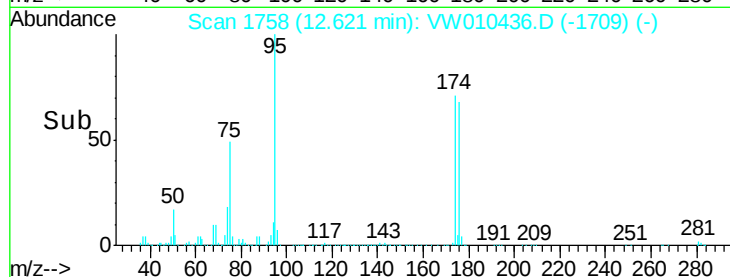
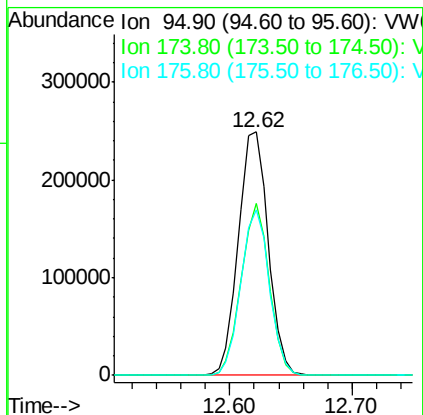
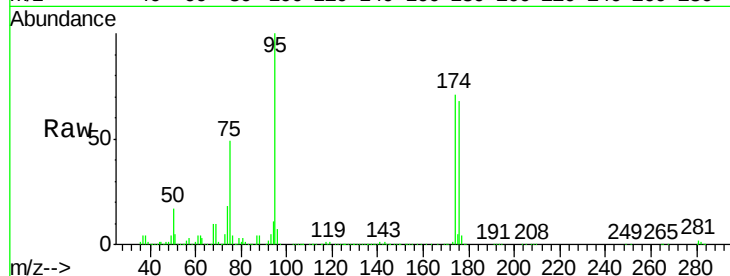
Tot Ion: 95 Resp: 422250

Ion Ratio Lower Upper

95 100

174 66.3 0.0 146.6

176 65.0 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

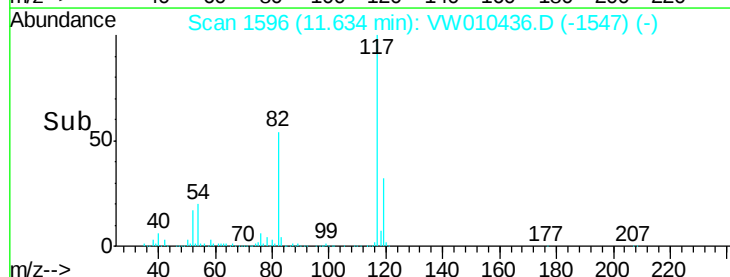
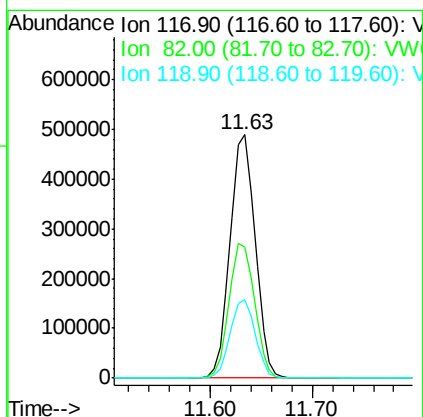
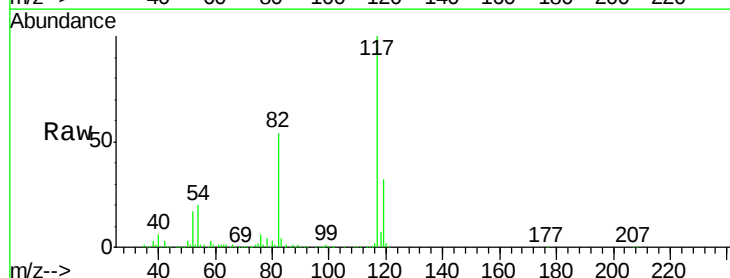
Tgt Ion: 117 Resp: 832161

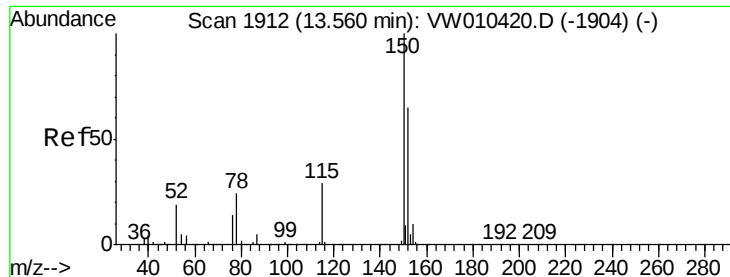
Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-11(7-7.5)

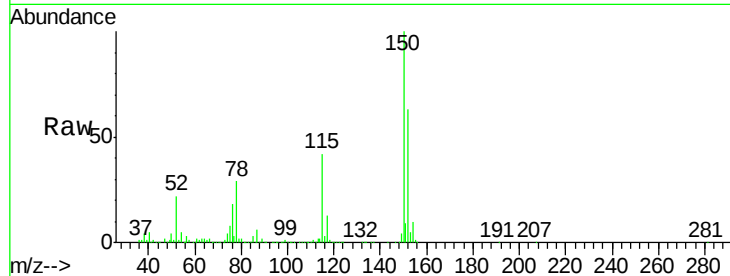
Tot Ion:152 Resp: 350422

Ion Ratio Lower Upper

152 100

115 66.6 30.0 90.1

150 160.3 0.0 350.2



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

