

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010578.D
 Acq On : 28 May 2019 20:13
 Operator : SY/VA
 Sample : K3076-02
 Misc : 5.78G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-08(6.5-7)

Quant Time: May 29 08:03:06 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

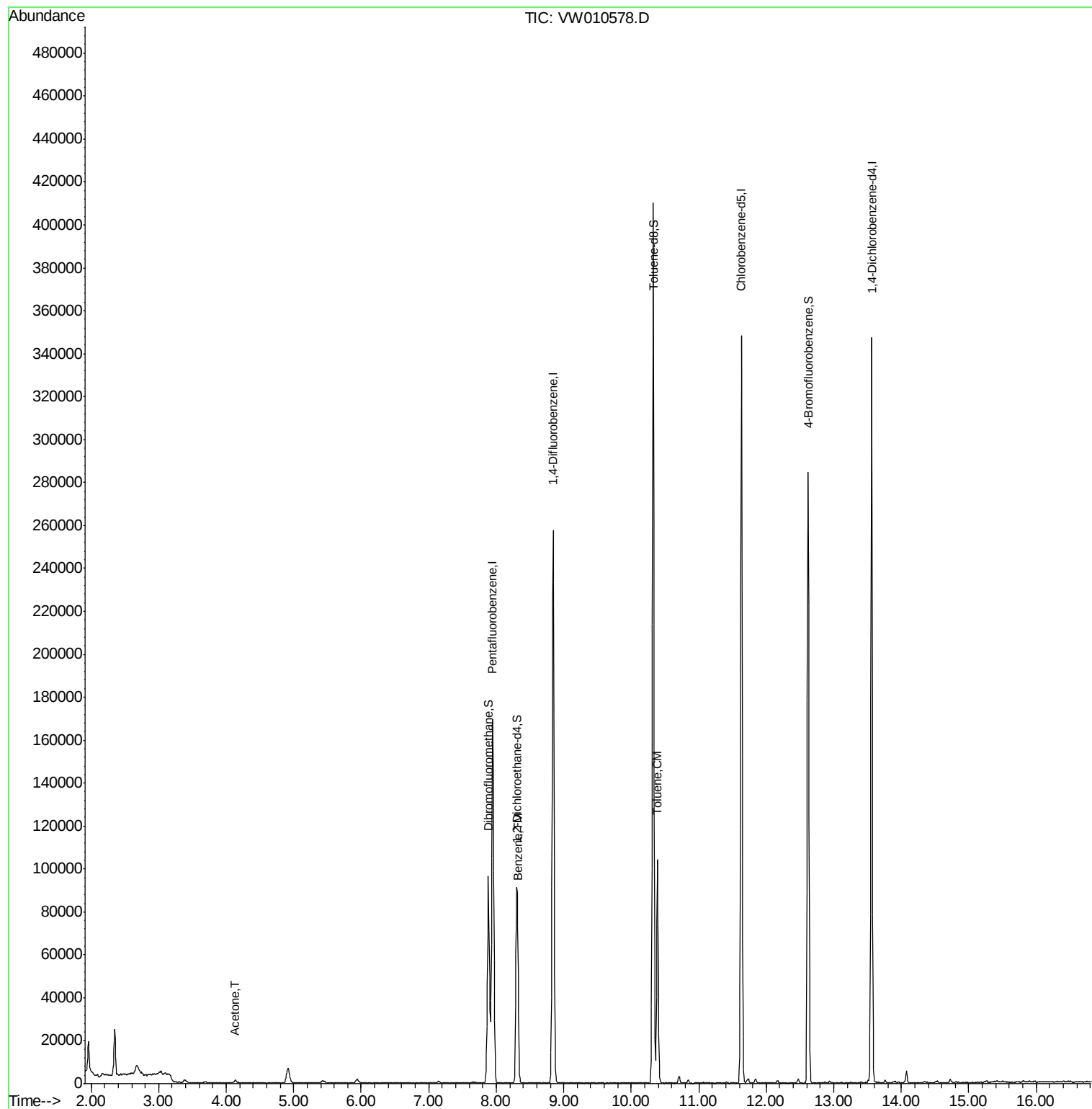
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	230787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	205006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70816	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	69078	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.32	98	281293	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	104764	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
16) Acetone	4.13	43	2236	8.306	ug/l	97
40) Benzene	8.32	78	7615	1.274	ug/l	99
52) Toluene	10.39	92	47369	11.804	ug/l	99

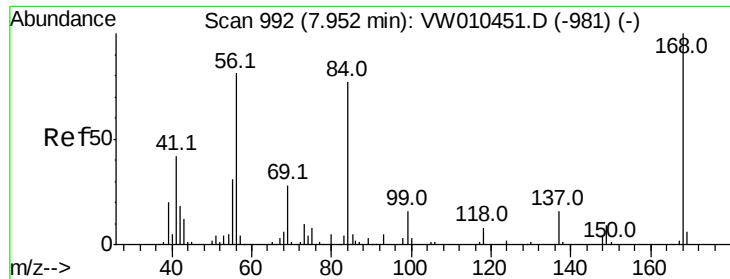
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

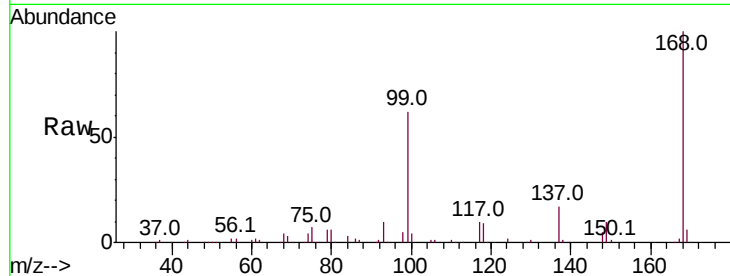
FESB-08(6.5-7)

Tot Ion:168 Resp: 127774

Ion Ratio Lower Upper

168 100

99 62.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

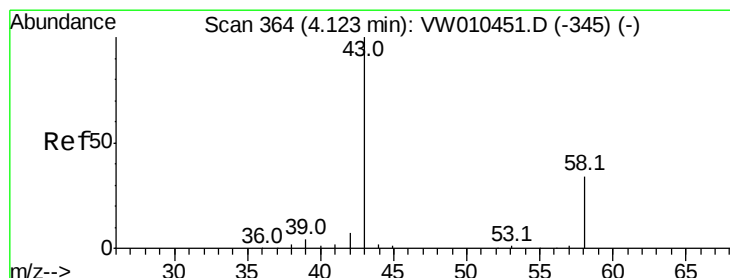
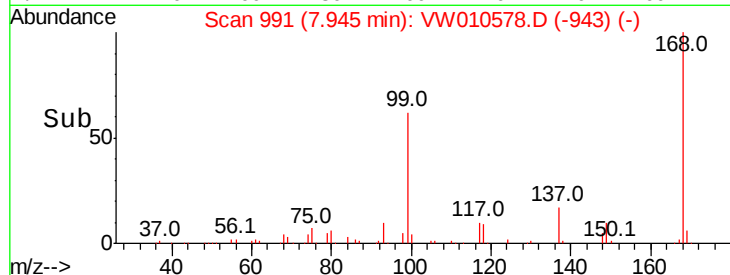
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 8.306 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010578.D

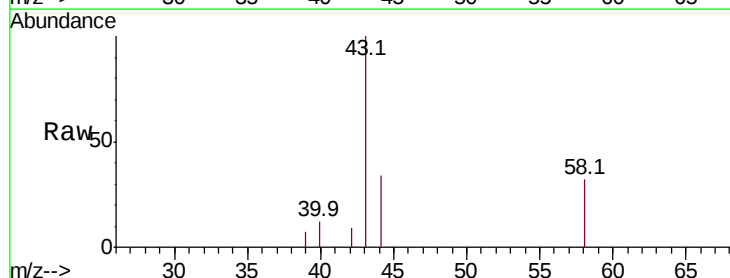
Acq: 28 May 2019 20:13

Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

58 31.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

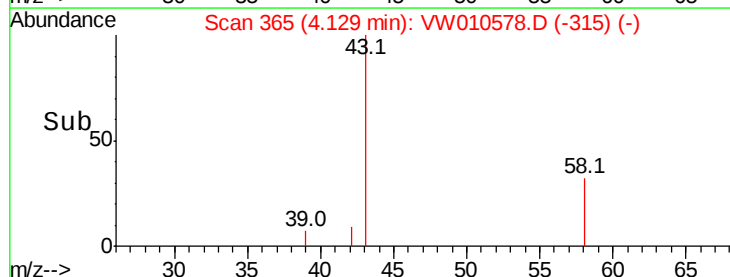
400

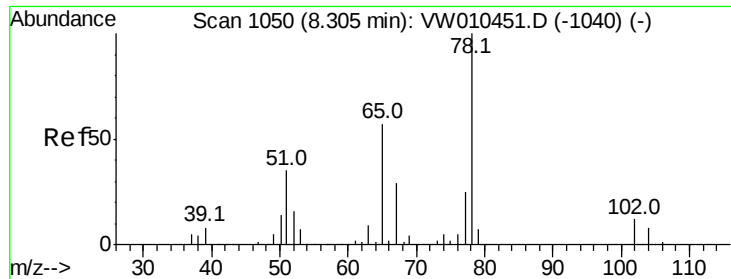
200

0

4.05 4.10 4.15 4.20 4.25

Time-->

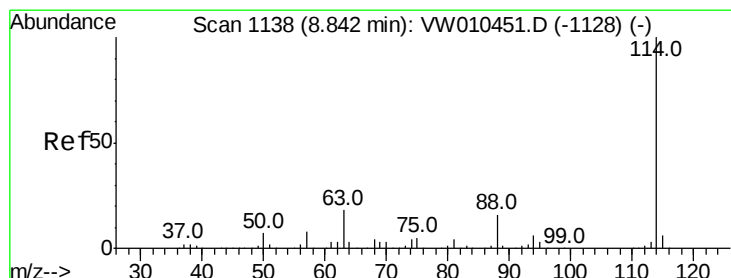
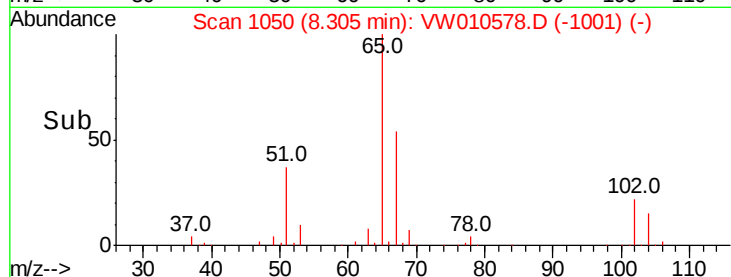
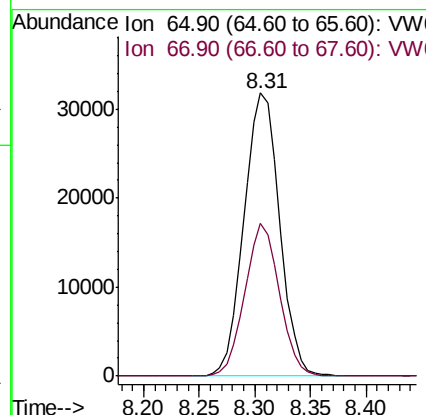
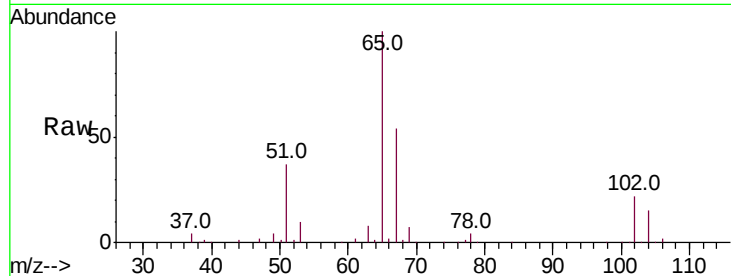




#33
 1,2-Dichloroethane-d4
 Concen: 53.695 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010578.D
 Acq: 28 May 2019 20:13

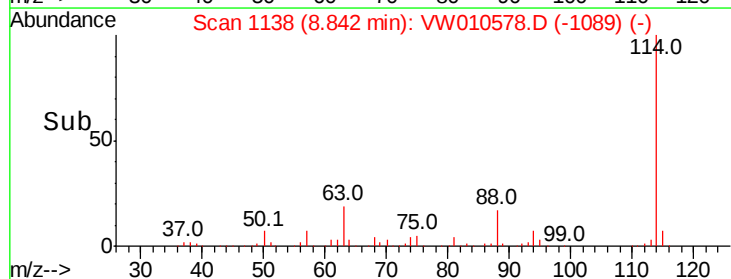
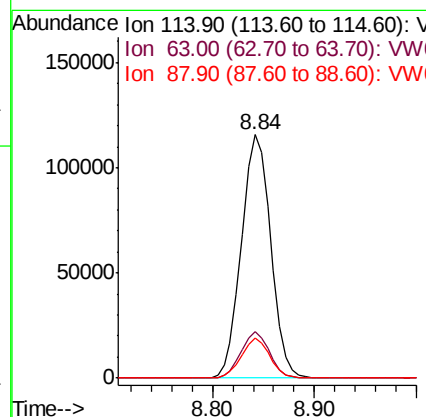
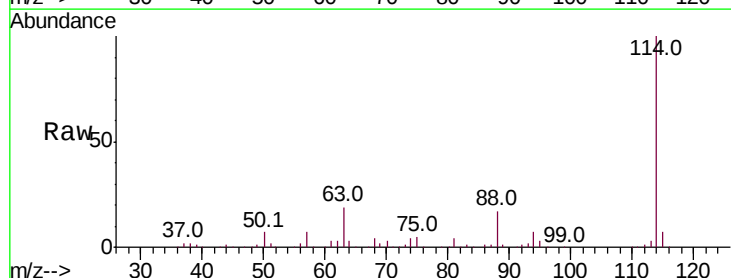
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-08(6.5-7)

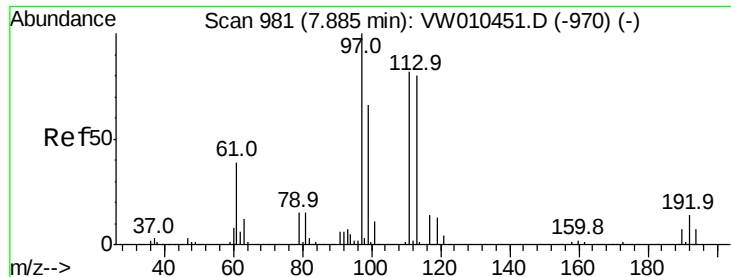
Tot Ion: 65 Resp: 70816
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010578.D
 Acq: 28 May 2019 20:13

Tgt Ion: 114 Resp: 230787
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.328 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

FESB-08(6.5-7)

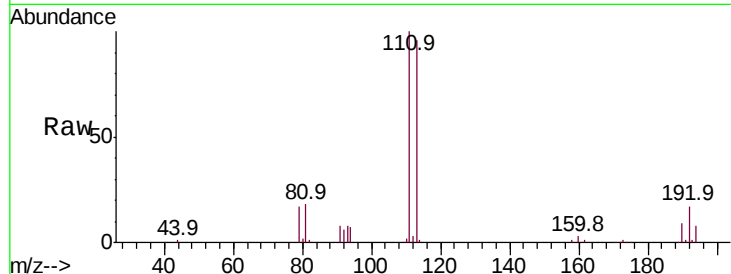
Tot Ion:113 Resp: 69078

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

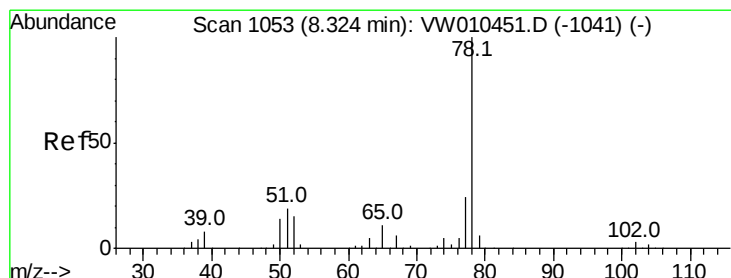
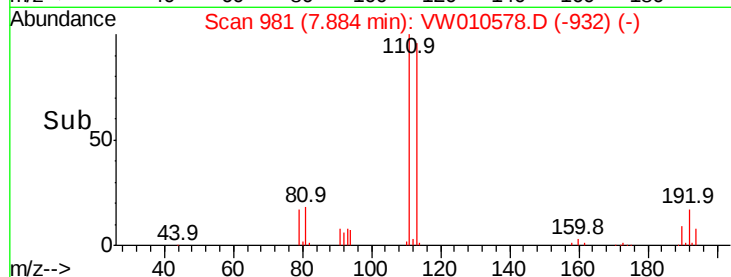
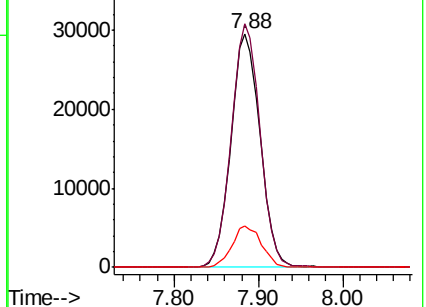
192 17.7 14.3 21.5



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



#40

Benzene

Concen: 1.274 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010578.D

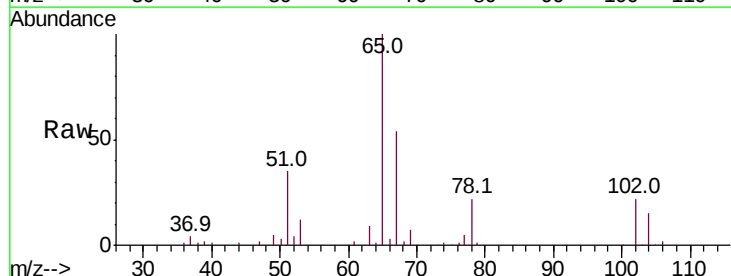
Acq: 28 May 2019 20:13

Tgt Ion: 78 Resp: 7615

Ion Ratio Lower Upper

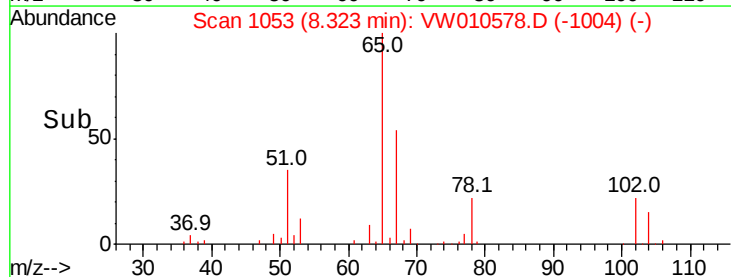
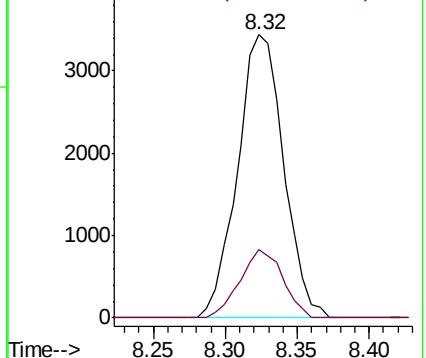
78 100

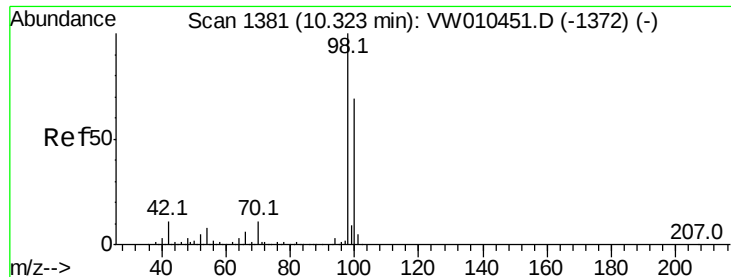
77 24.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 52.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

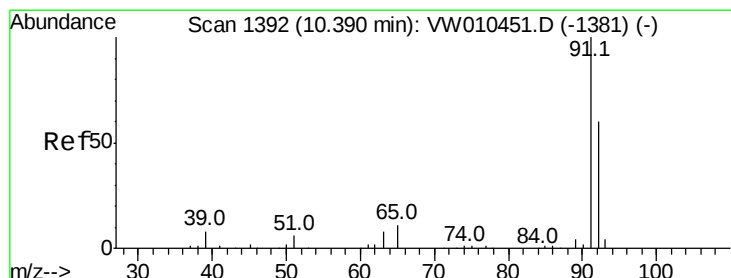
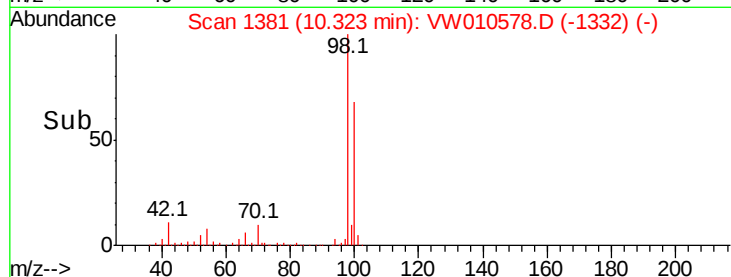
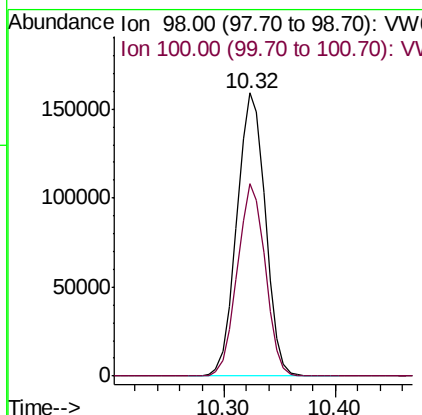
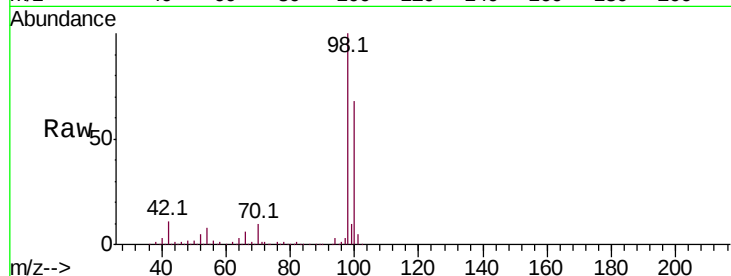
FESB-08(6.5-7)

Tot Ion: 98 Resp: 281293

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#52

Toluene

Concen: 11.804 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010578.D

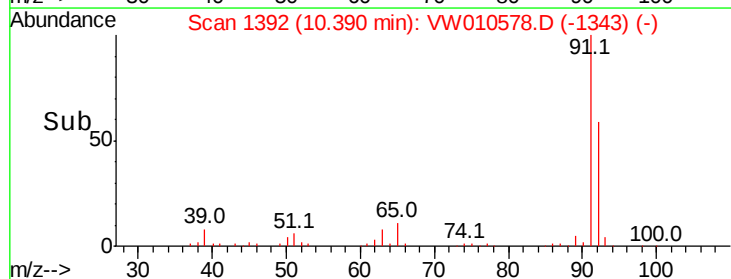
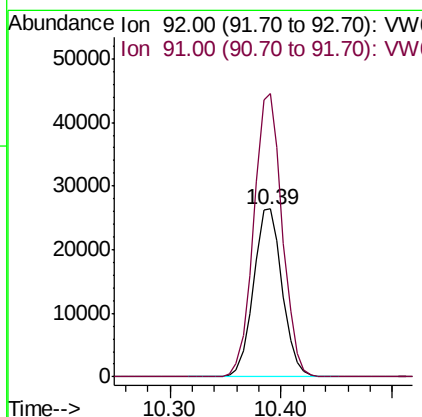
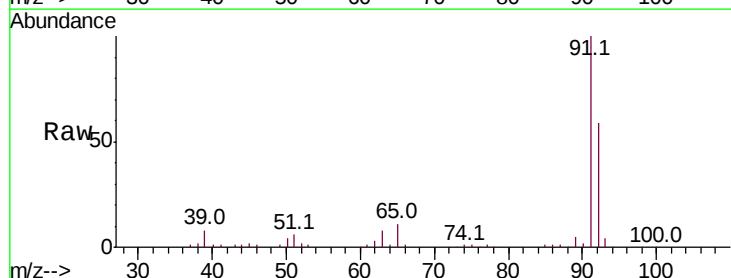
Acq: 28 May 2019 20:13

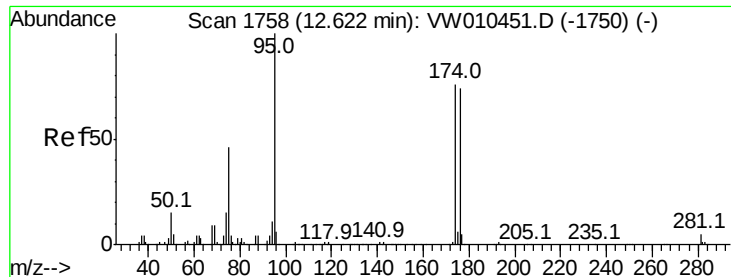
Tgt Ion: 92 Resp: 47369

Ion Ratio Lower Upper

92 100

91 167.6 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 49.165 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampled :

FESB-08(6.5-7)

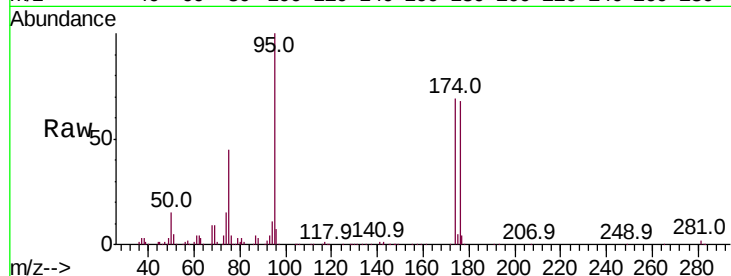
Tot Ion: 95 Resp: 104764

Ion Ratio Lower Upper

95 100

174 71.1 0.0 148.6

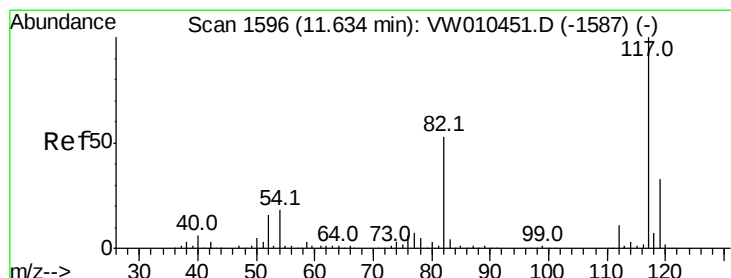
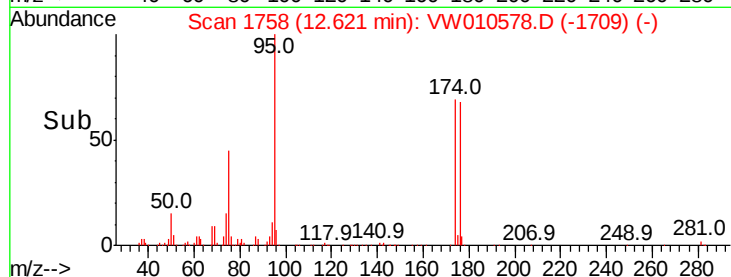
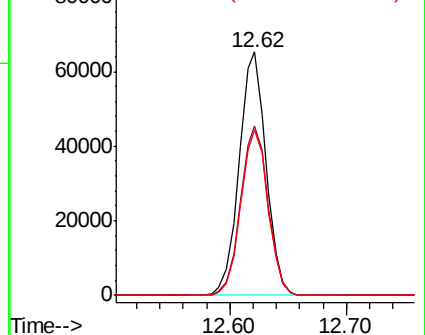
176 68.9 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

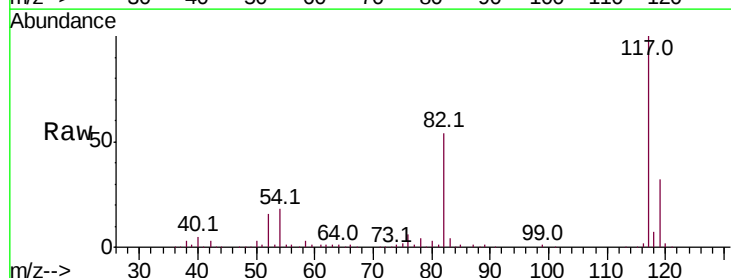
Tgt Ion: 117 Resp: 205006

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

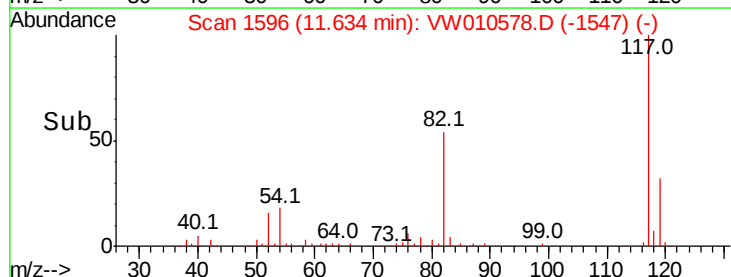
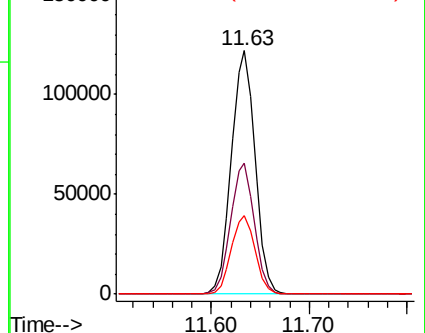
119 32.0 26.3 39.5

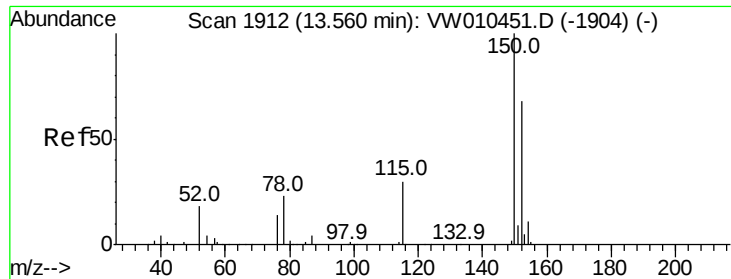


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

FESB-08(6.5-7)

Tot Ion:152 Resp: 90570

Ion Ratio Lower Upper

152 100

115 62.6 30.3 91.0

150 157.7 0.0 349.8

