

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010439.D
 Acq On : 18 May 2019 05:01
 Operator : SY/VA
 Sample : K2906-04
 Misc : 7.03G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-10(8-8.5)

Quant Time: May 27 04:17:38 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

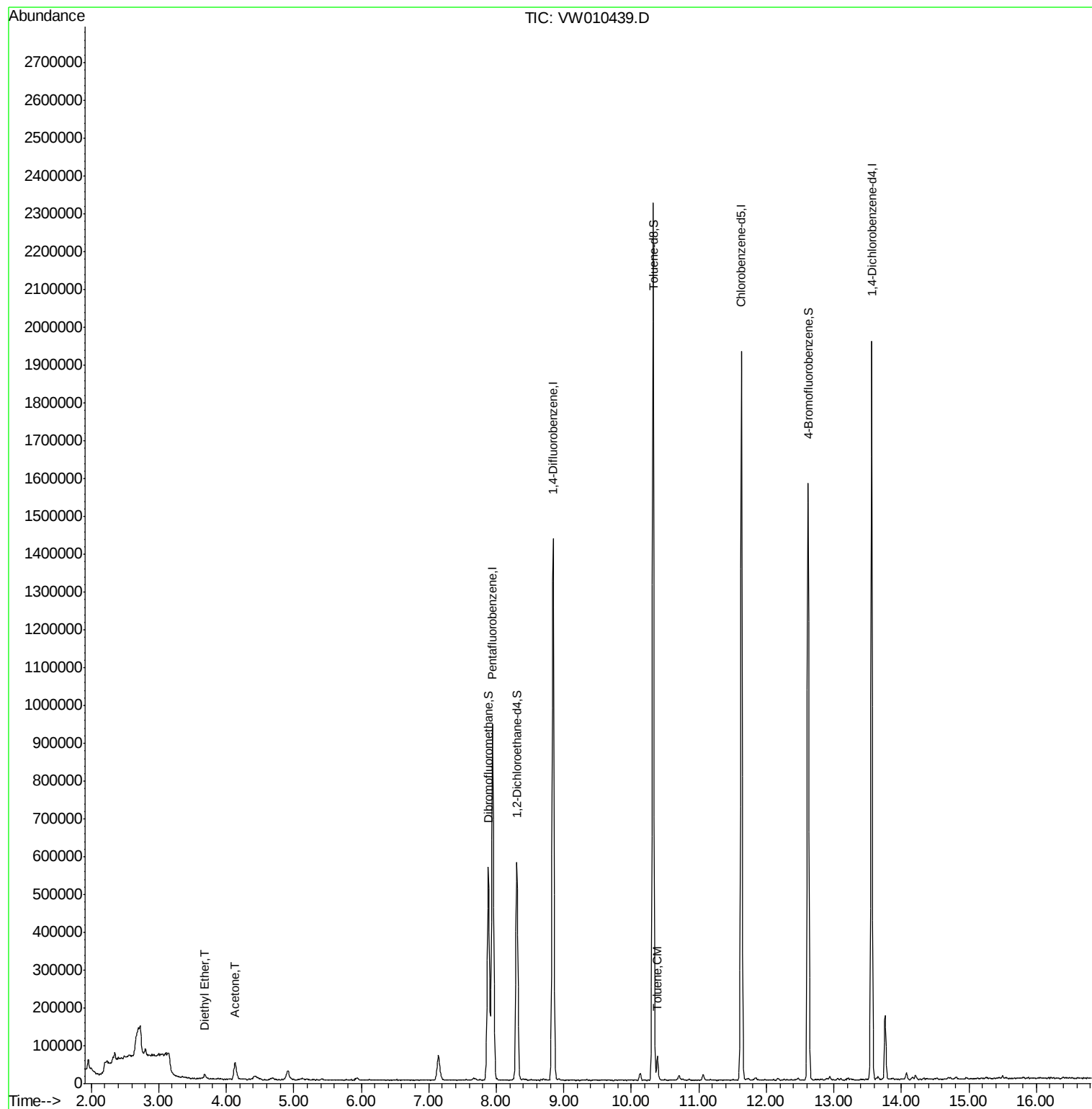
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	665658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1260301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1120226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	481410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	439824	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
35) Dibromofluoromethane	7.88	113	408921	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	10.32	98	1559480	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.62	95	587357	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
8) Diethyl Ether	3.68	74	7037	1.789	ug/l	95
16) Acetone	4.13	43	82986	64.532	ug/l	94
52) Toluene	10.39	92	27468	1.299	ug/l	93

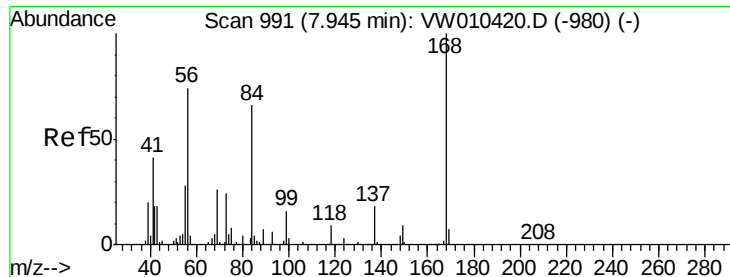
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010439.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_W

ClientSampleId :

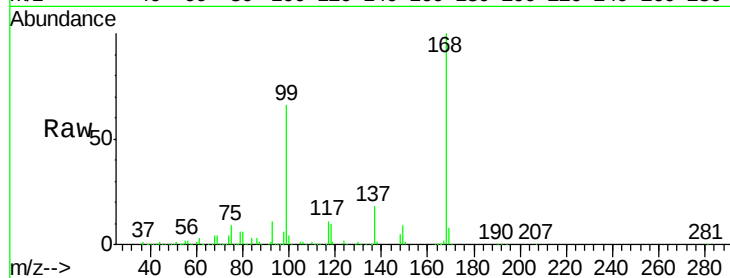
FESB-10(8-8.5)

Tot Ion:168 Resp: 665658

Ion Ratio Lower Upper

168 100

99 65.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

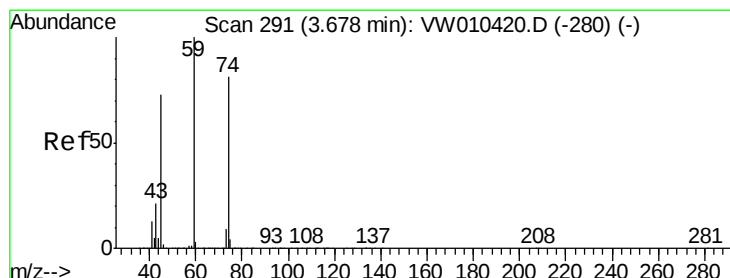
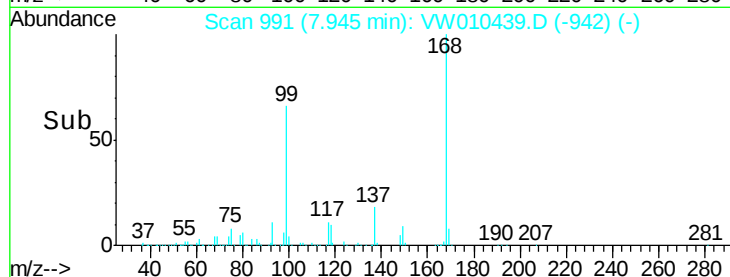
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.789 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW010439.D

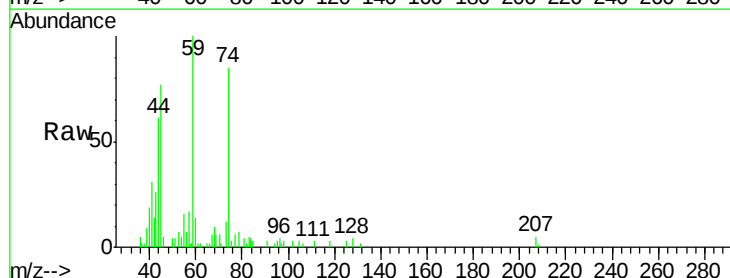
Acq: 18 May 2019 05:01

Tgt Ion: 74 Resp: 7037

Ion Ratio Lower Upper

74 100

45 91.3 43.4 130.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

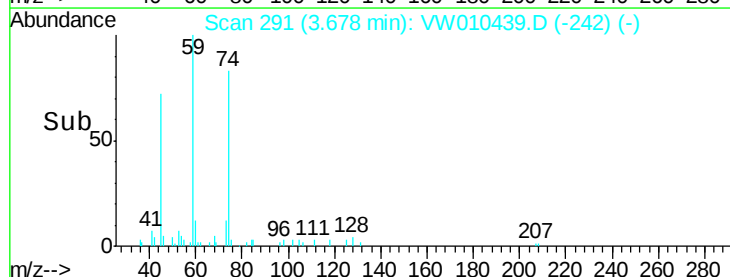
3000

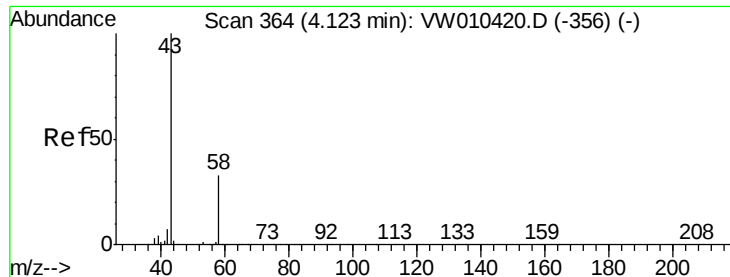
2000

1000

0

Time-->





#16

Acetone

Concen: 64.532 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010439.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_W

ClientSampleId :

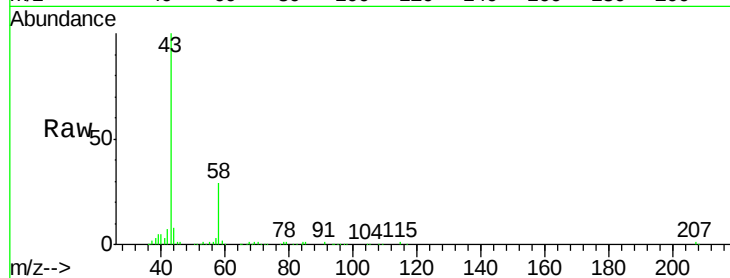
FESB-10(8-8.5)

Tot Ion: 43 Resp: 82986

Ion Ratio Lower Upper

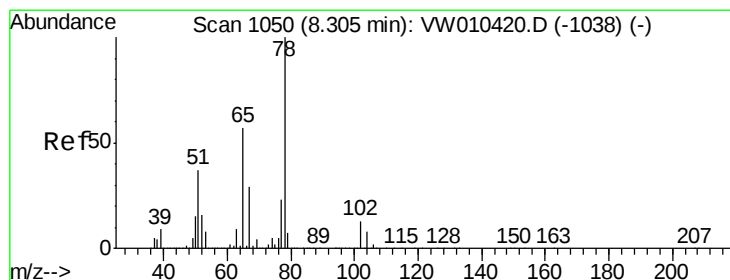
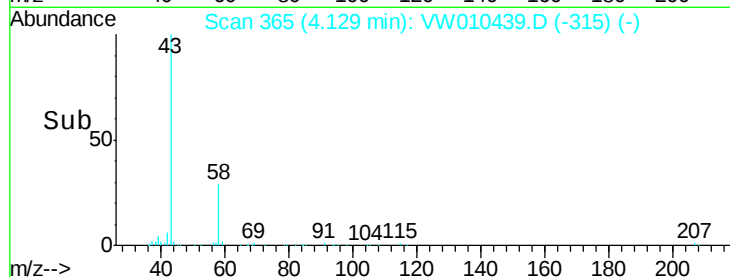
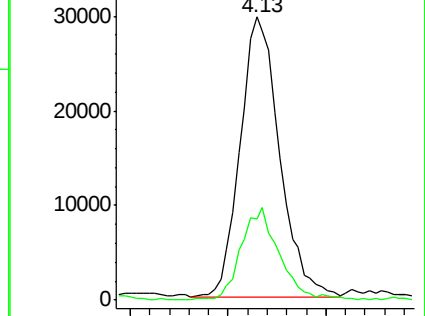
43 100

58 29.1 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: 60.246 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010439.D

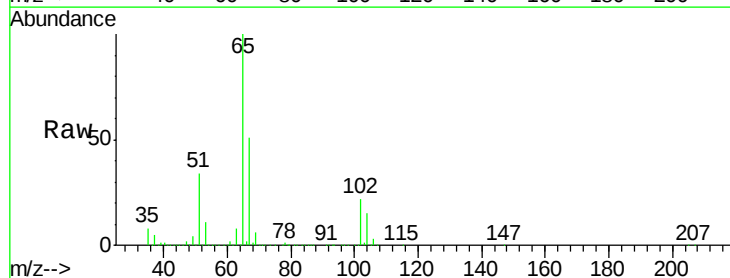
Acq: 18 May 2019 05:01

Tgt Ion: 65 Resp: 439824

Ion Ratio Lower Upper

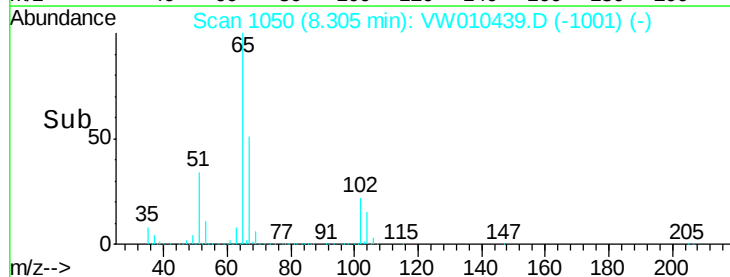
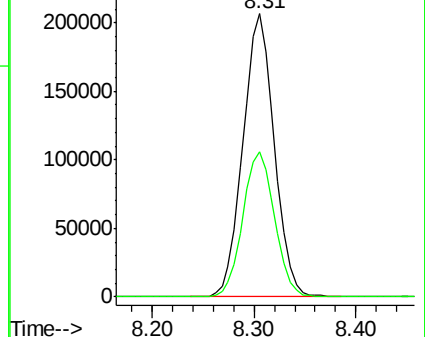
65 100

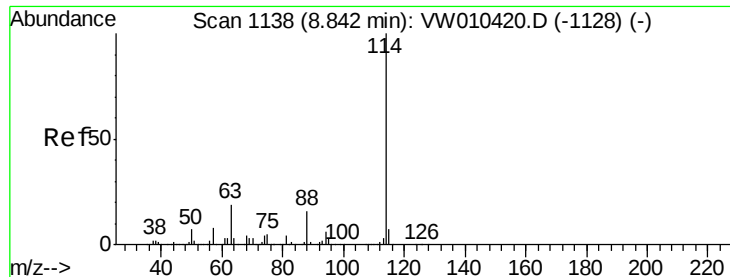
67 51.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

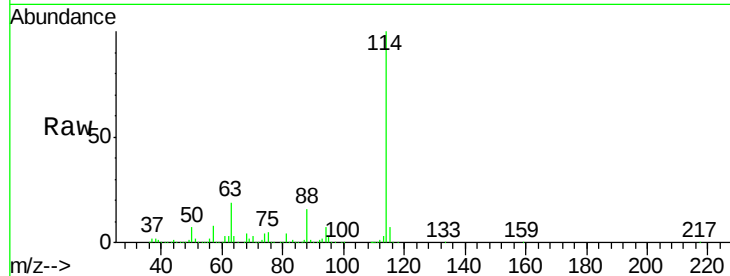




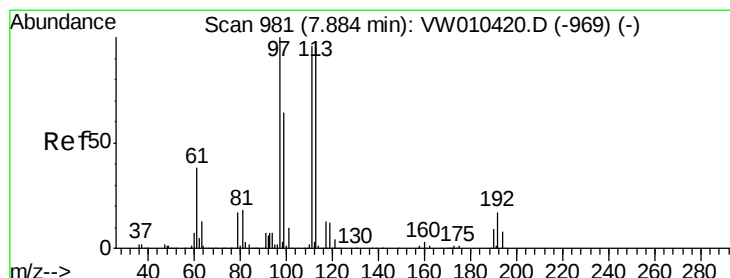
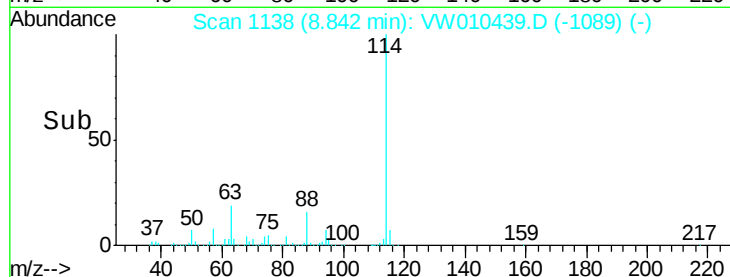
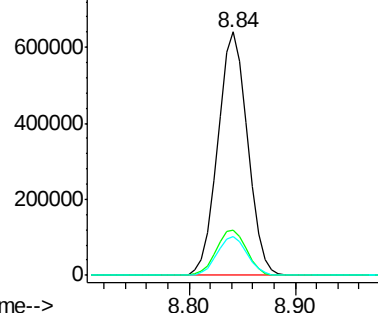
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010439.D
 Acq: 18 May 2019 05:01

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-10(8-8.5)

Tot Ion:114 Resp: 1260301
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 15.8 0.0 31.6

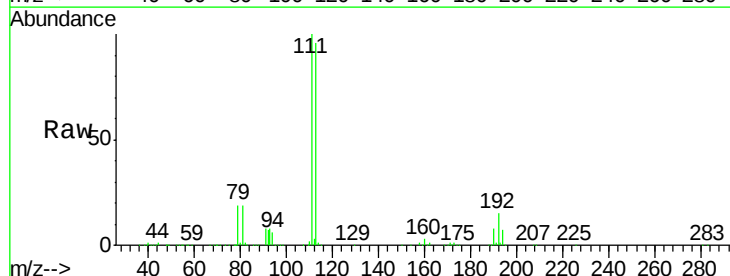


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

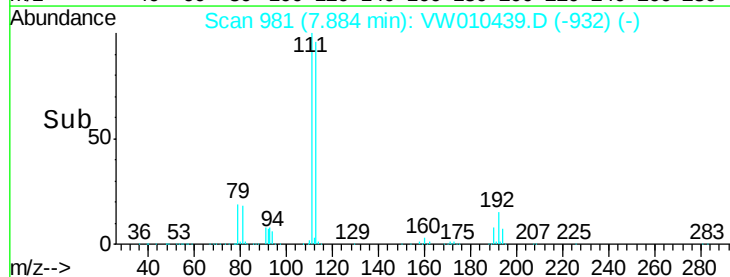
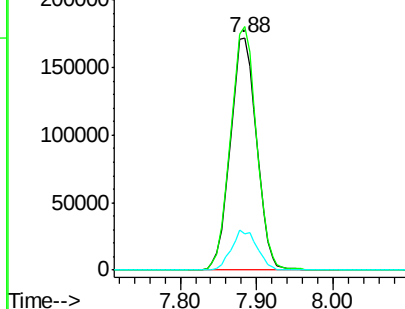


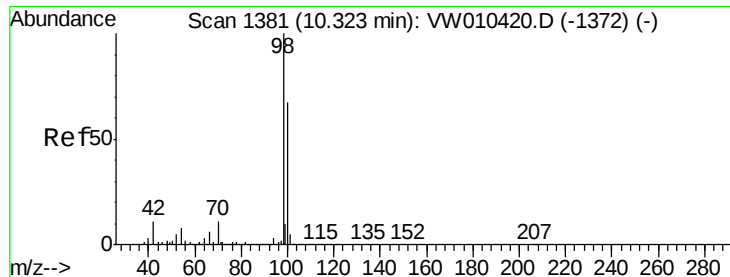
#35
 Dibromofluoromethane
 Concen: 52.534 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010439.D
 Acq: 18 May 2019 05:01

Tgt Ion:113 Resp: 408921
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.5 123.7
 192 17.2 14.2 21.4



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: 53.725 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010439.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_W

ClientSampleId :

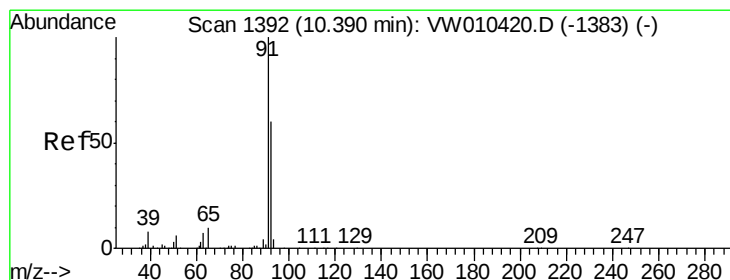
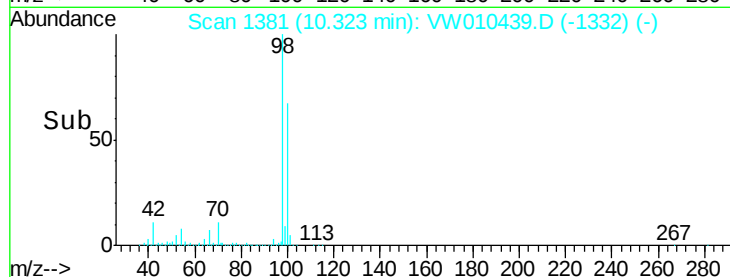
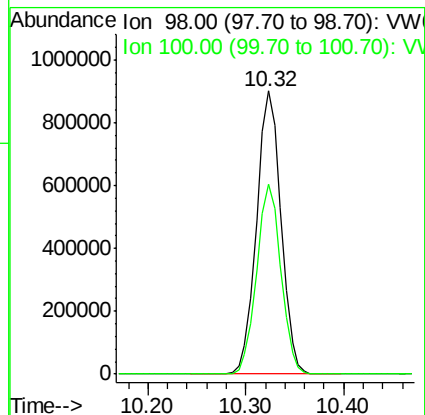
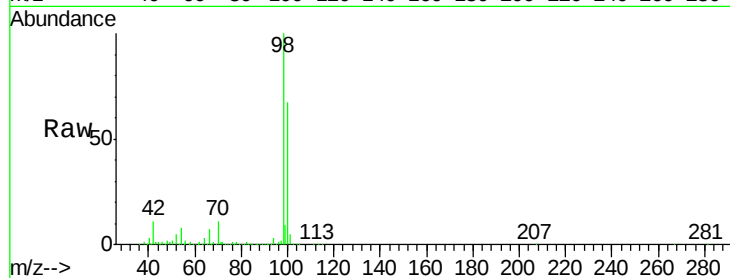
FESB-10(8-8.5)

Tot Ion: 98 Resp: 1559480

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



#52

Toluene

Concen: 1.299 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010439.D

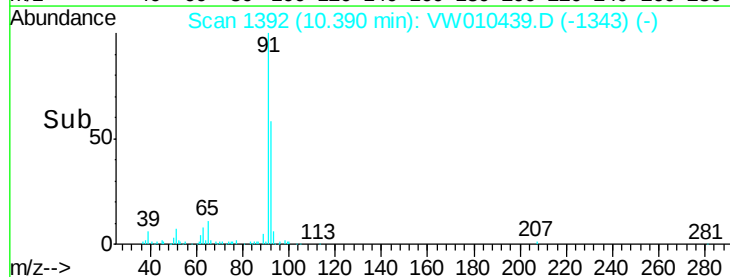
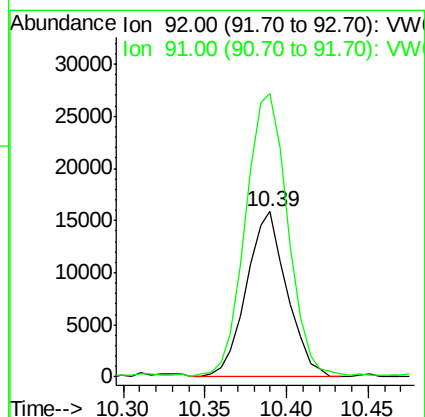
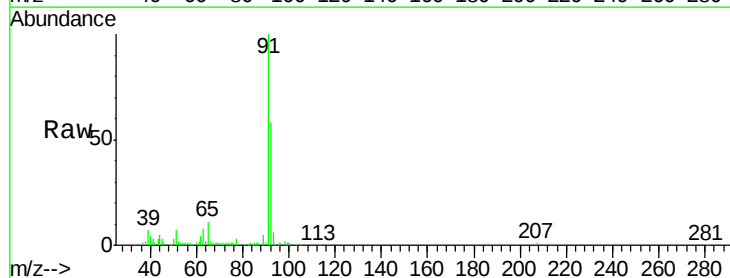
Acq: 18 May 2019 05:01

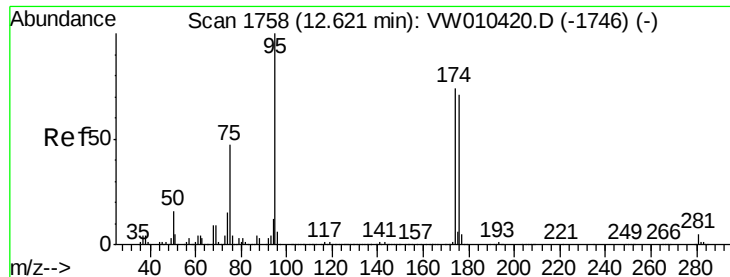
Tgt Ion: 92 Resp: 27468

Ion Ratio Lower Upper

92 100

91 179.1 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 51.539 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010439.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_W

ClientSampleId :

FESB-10(8-8.5)

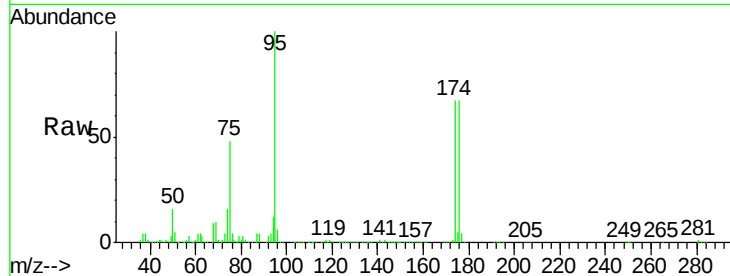
Tot Ion: 95 Resp: 587357

Ion Ratio Lower Upper

95 100

174 66.3 0.0 146.6

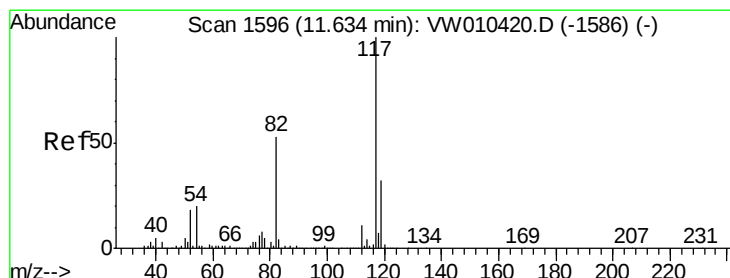
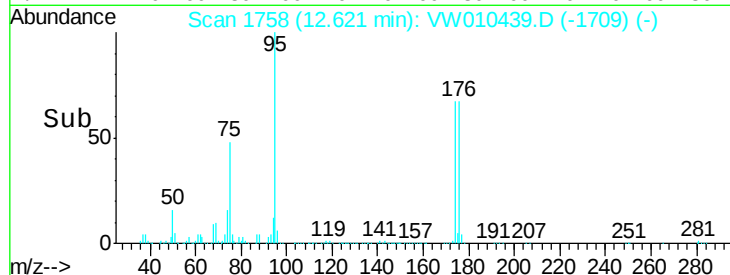
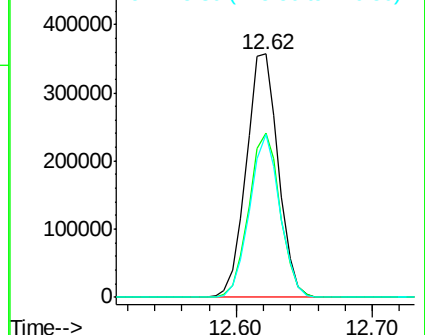
176 63.9 0.0 141.4



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: VW010439.D

Acq: 18 May 2019 05:01

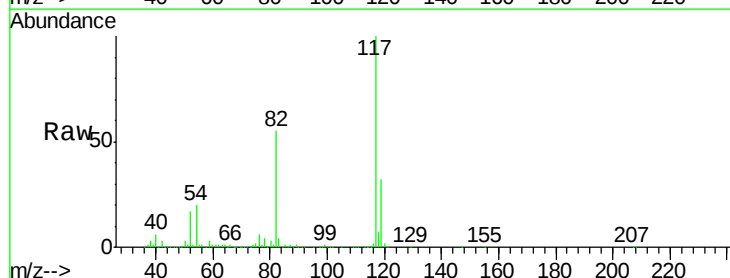
Tgt Ion: 117 Resp: 1120226

Ion Ratio Lower Upper

117 100

82 54.8 42.1 63.1

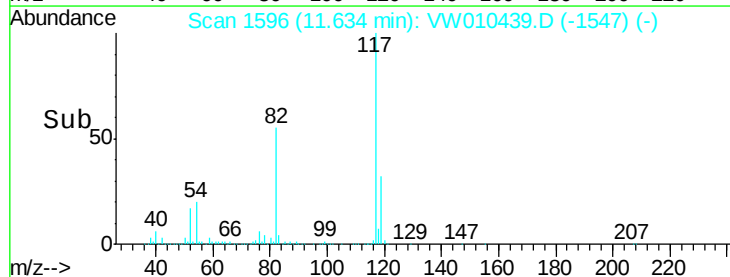
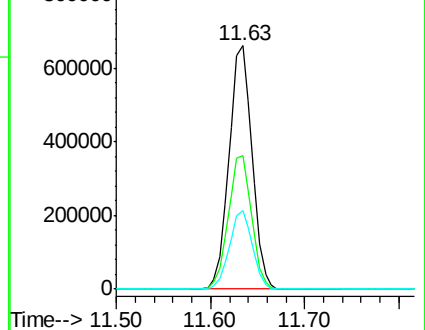
119 32.2 25.6 38.4

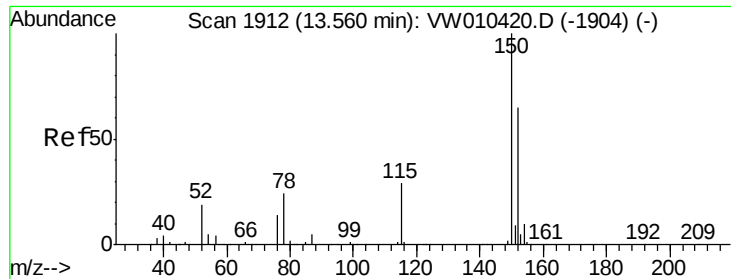


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010439.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_W

ClientSampleId :

FESB-10(8-8.5)

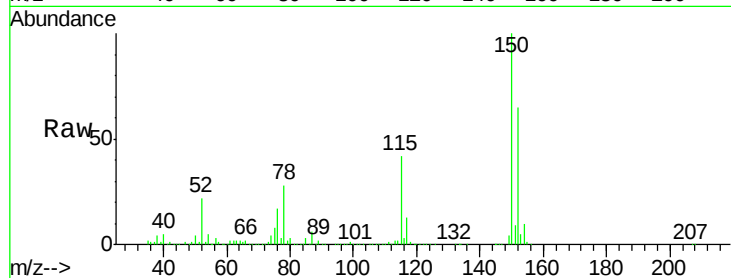
Tot Ion:152 Resp: 481410

Ion Ratio Lower Upper

152 100

115 66.0 30.0 90.1

150 158.5 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

