

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010505.D
 Acq On : 22 May 2019 12:52
 Operator : SY/VA
 Sample : K2986-02
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-21(4.5-5)

Quant Time: May 23 07:19:19 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

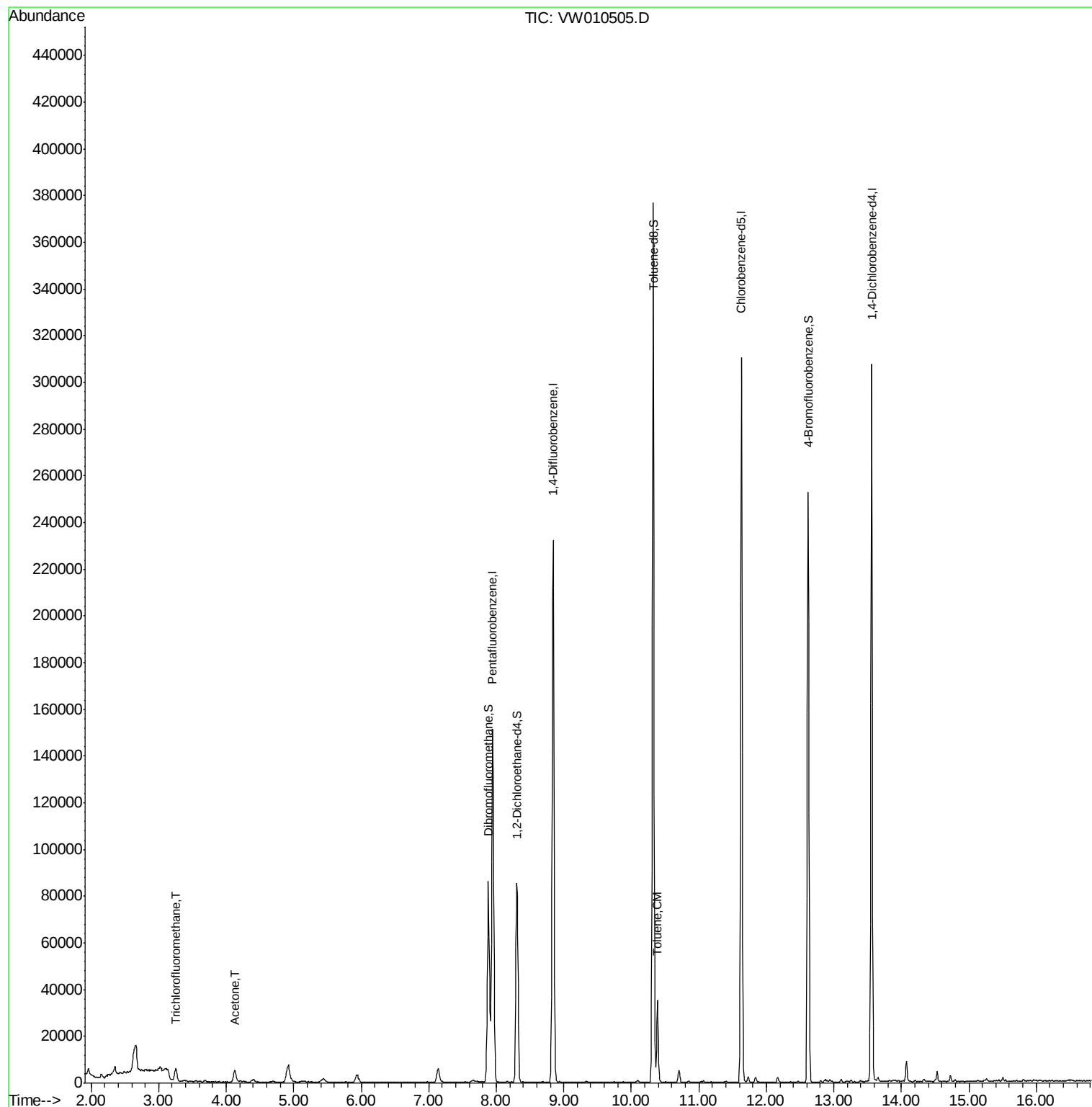
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	204697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	182958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	68249	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.04%	
35) Dibromofluoromethane	7.88	113	61978	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	10.32	98	253506	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	92837	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
7) Trichlorofluoromethane	3.25	101	5769	2.890	ug/l	94
16) Acetone	4.12	43	9400	40.161	ug/l	93
52) Toluene	10.39	92	15677	4.404	ug/l	98

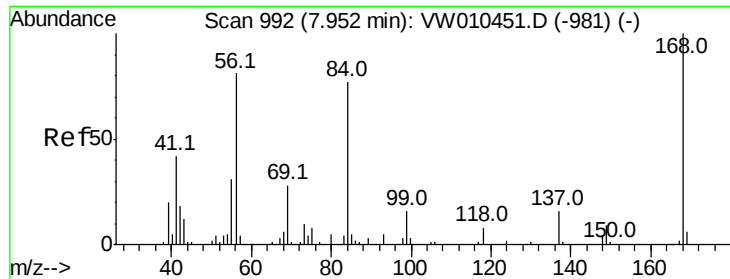
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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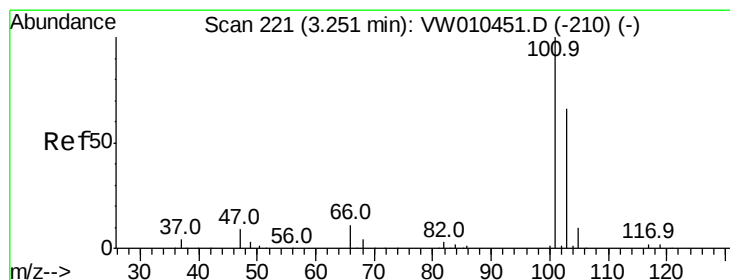
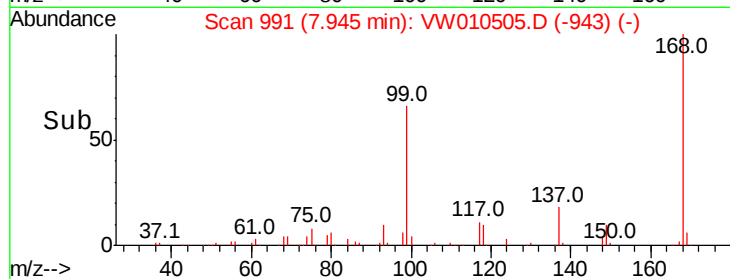
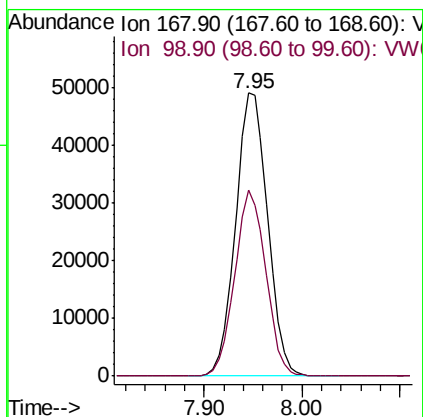
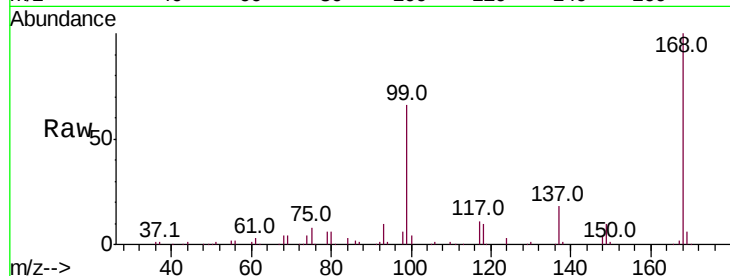




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010505.D
Acq: 22 May 2019 12:52

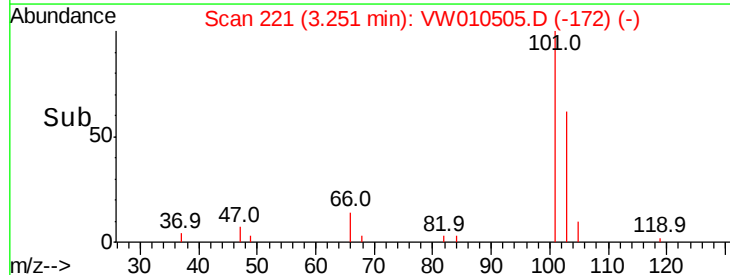
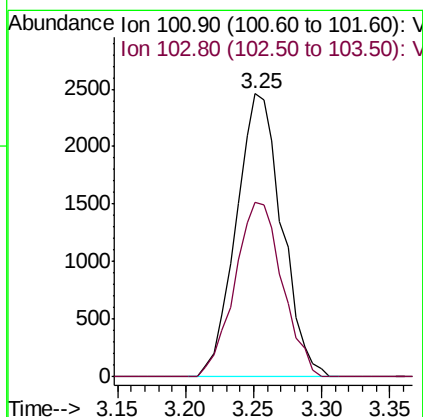
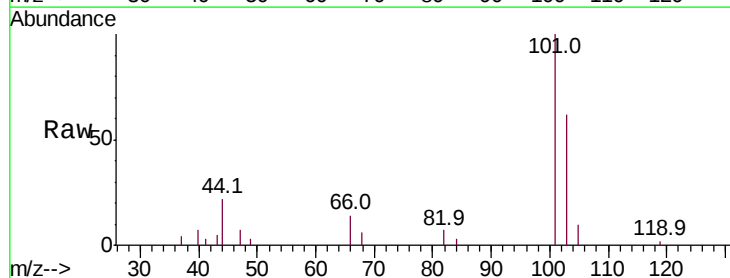
Instrument :
MSVOA_W
ClientSampleId :
FESB-21(4.5-5)

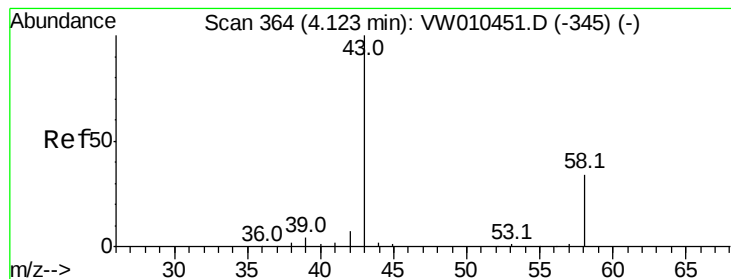
Tot Ion:168 Resp: 111092
Ion Ratio Lower Upper
168 100
99 65.9 46.1 69.1



#7
Trichlorofluoromethane
Concen: 2.890 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010505.D
Acq: 22 May 2019 12:52

Tgt Ion:101 Resp: 5769
Ion Ratio Lower Upper
101 100
103 61.7 53.0 79.4





#16

Acetone

Concen: 40.161 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010505.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

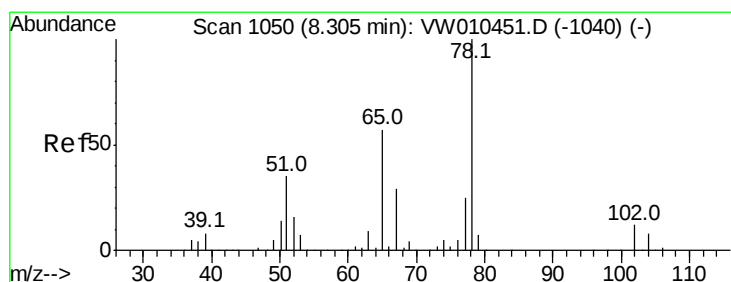
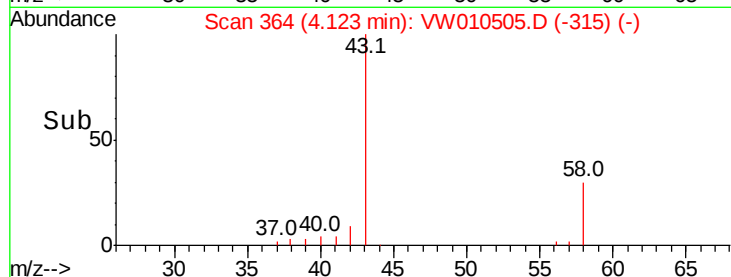
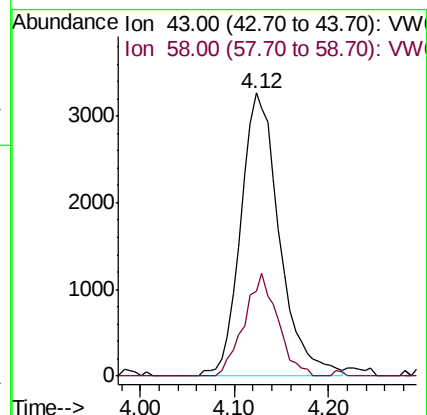
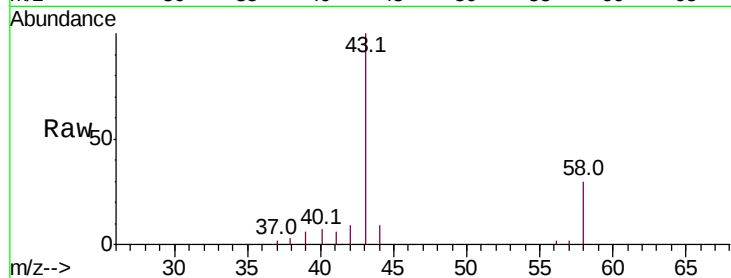
FESB-21(4.5-5)

Tot Ion: 43 Resp: 9400

Ion Ratio Lower Upper

43 100

58 30.0 27.0 40.4



#33

1,2-Dichloroethane-d4

Concen: 59.520 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010505.D

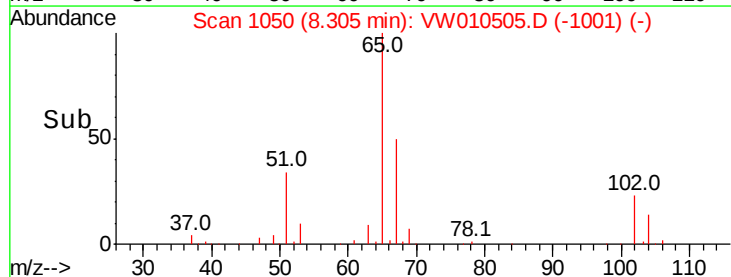
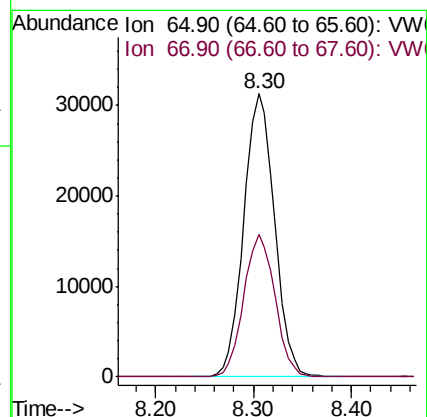
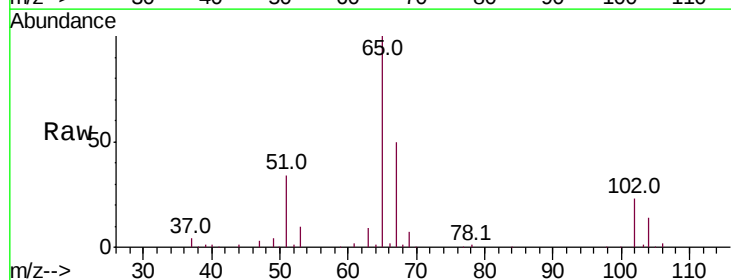
Acq: 22 May 2019 12:52

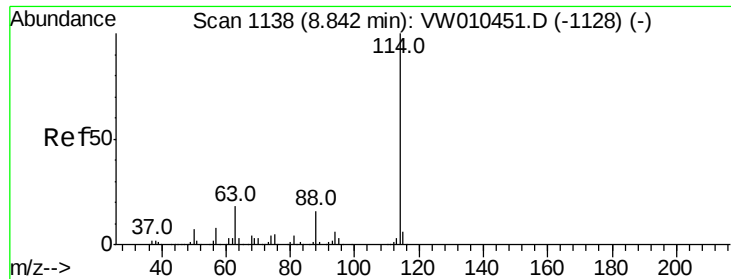
Tgt Ion: 65 Resp: 68249

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6

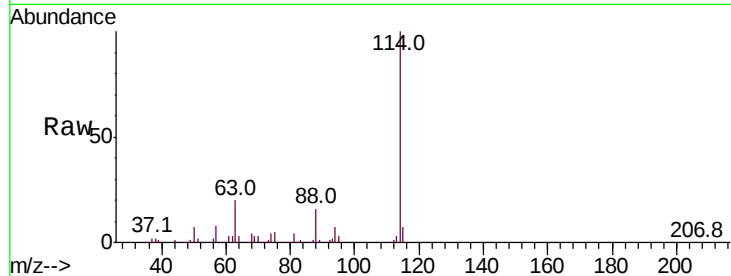




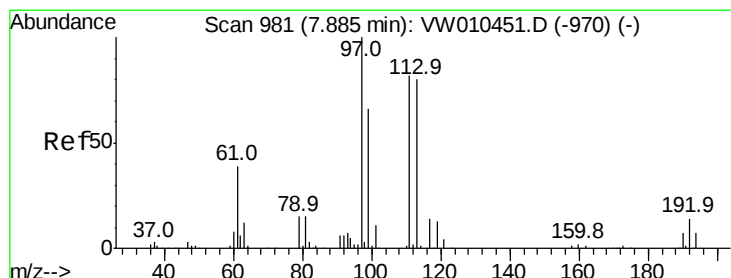
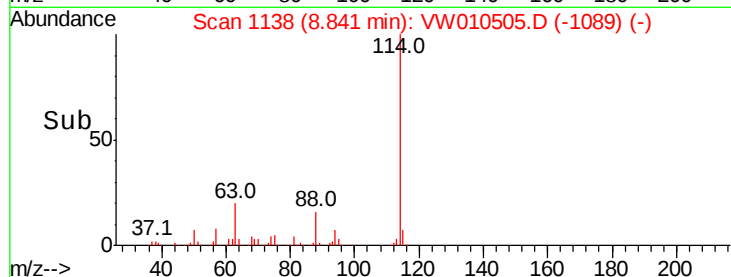
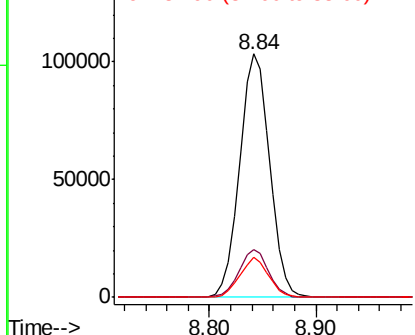
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010505.D
Acq: 22 May 2019 12:52

Instrument :
MSVOA_W
ClientSampleId :
FESB-21(4.5-5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	36.0
88	16.3	0.0	32.0

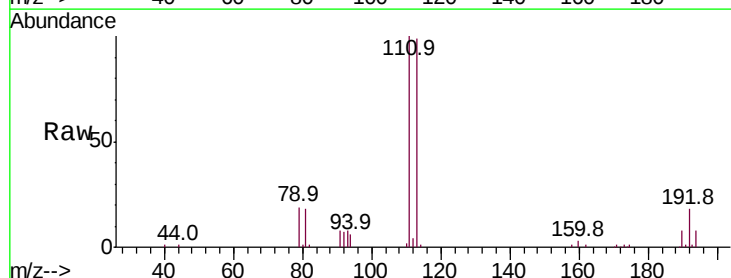


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

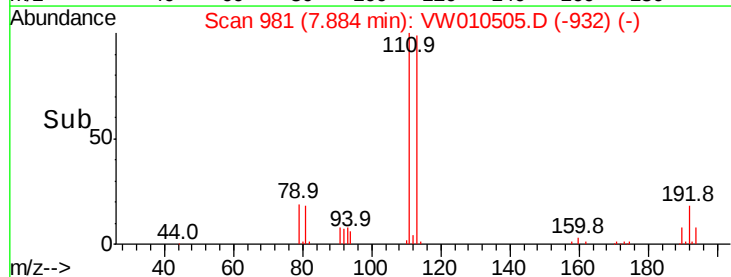
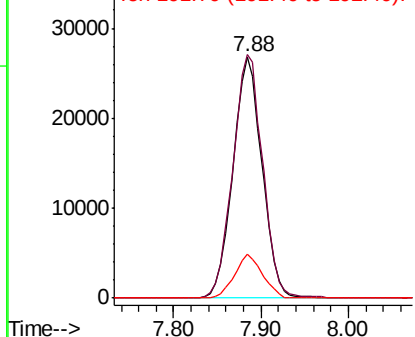


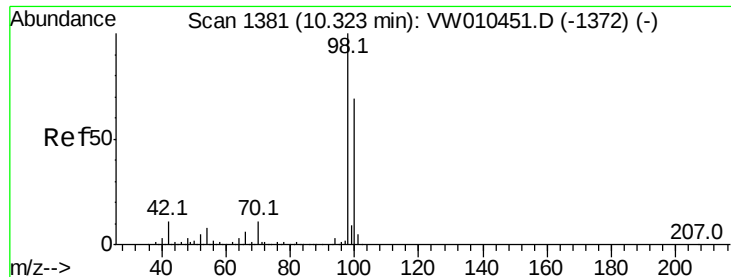
#35
Dibromofluoromethane
Concen: 49.899 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010505.D
Acq: 22 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	17.4	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





#50

Toluene-d8

Concen: 53.426 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010505.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

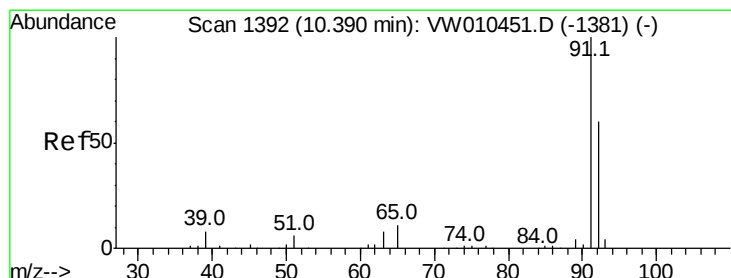
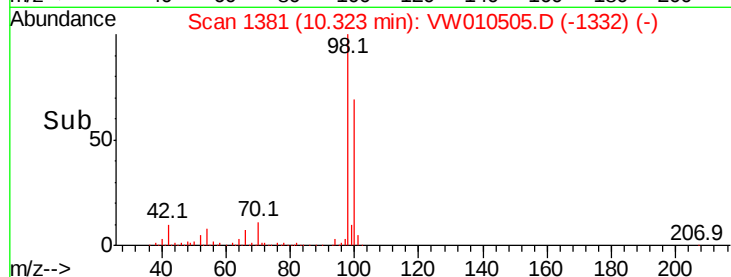
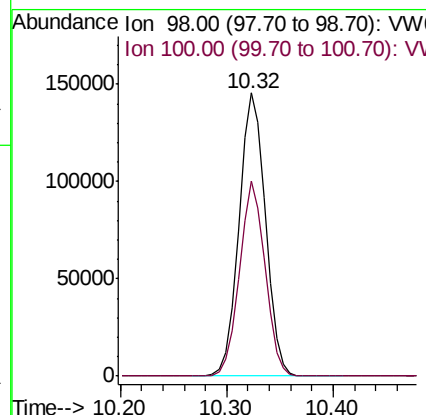
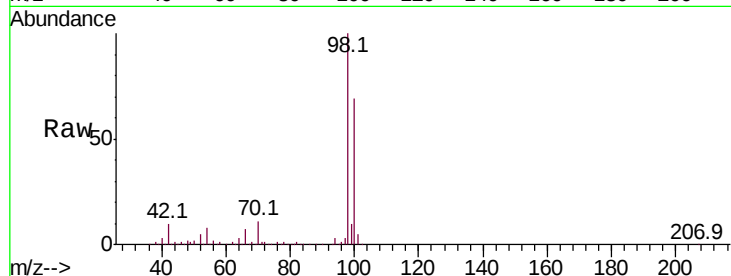
FESB-21(4.5-5)

Tot Ion: 98 Resp: 253506

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5



#52

Toluene

Concen: 4.404 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010505.D

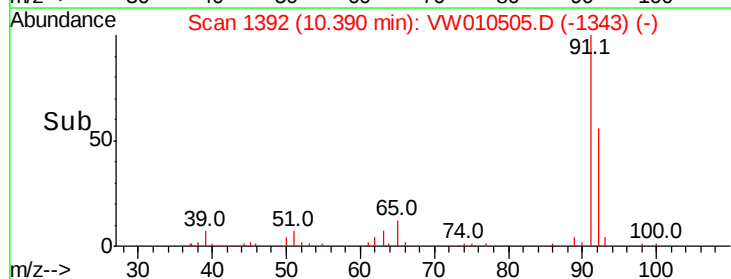
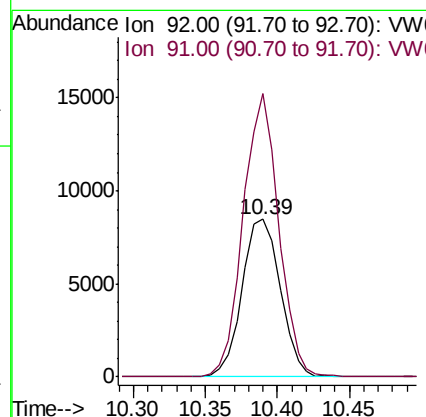
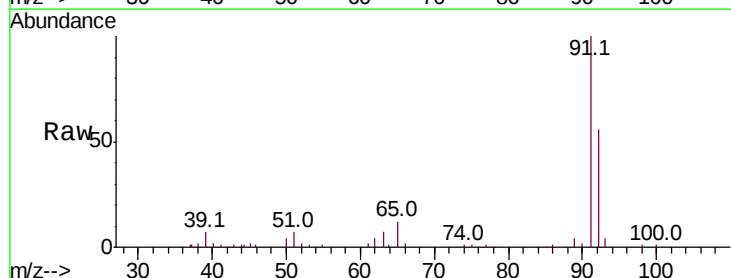
Acq: 22 May 2019 12:52

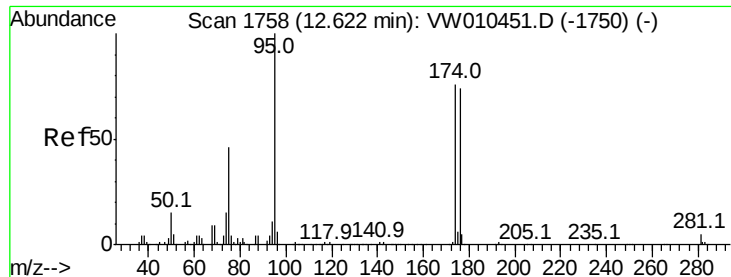
Tgt Ion: 92 Resp: 15677

Ion Ratio Lower Upper

92 100

91 166.1 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 49.120 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010505.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-21(4.5-5)

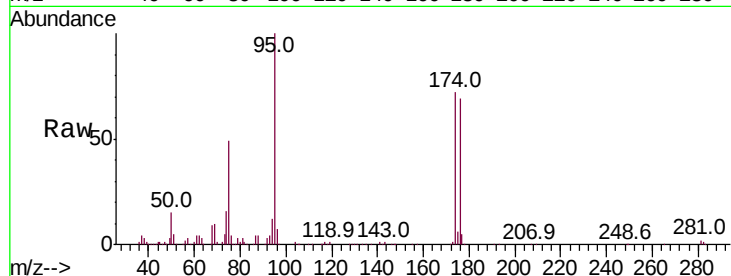
Tot Ion: 95 Resp: 92837

Ion Ratio Lower Upper

95 100

174 69.1 0.0 148.6

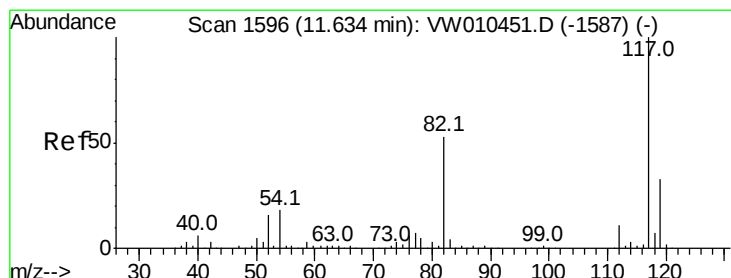
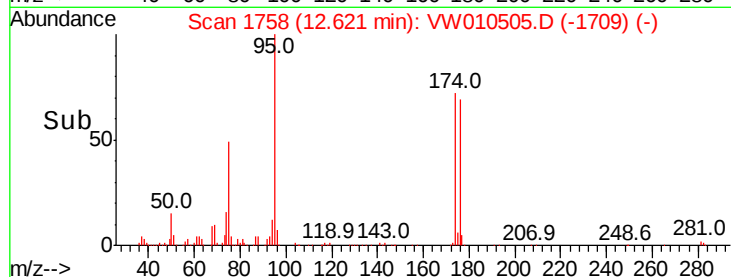
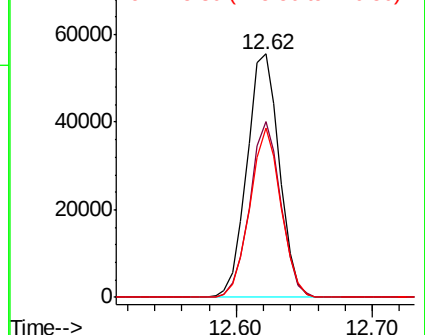
176 66.8 0.0 144.2



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: VW010505.D

Acq: 22 May 2019 12:52

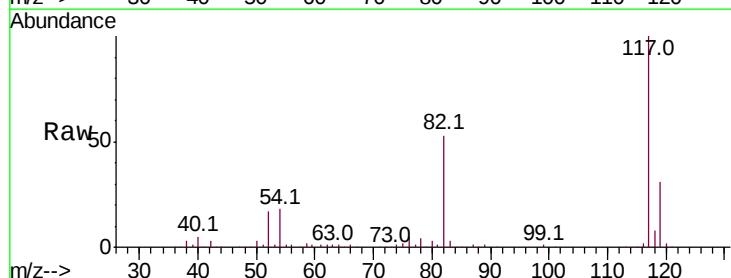
Tgt Ion: 117 Resp: 182958

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

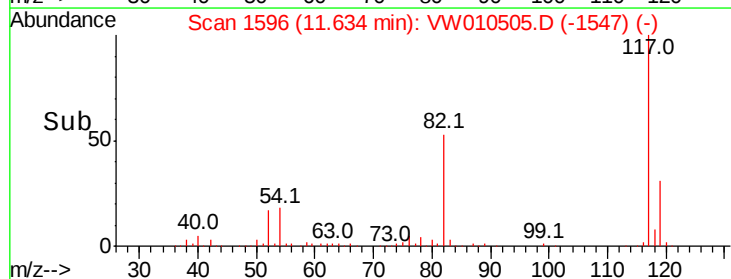
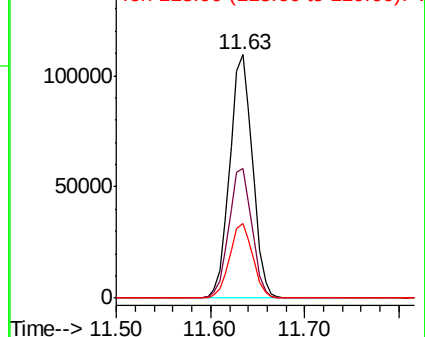
119 30.5 26.3 39.5

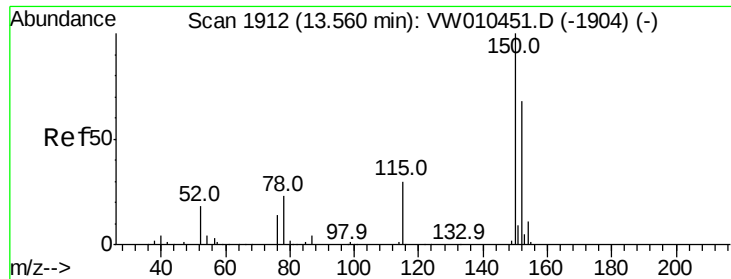


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010505.D

Acq: 22 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-21(4.5-5)

Tot Ion:152 Resp: 79807

Ion Ratio Lower Upper

152 100

115 63.6 30.3 91.0

150 155.0 0.0 349.8

