

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052419\
 Data File : VW010548.D
 Acq On : 24 May 2019 14:09
 Operator : SY/VA
 Sample : K3036-01
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-26(2.5-3)

Quant Time: Jun 06 01:40:14 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

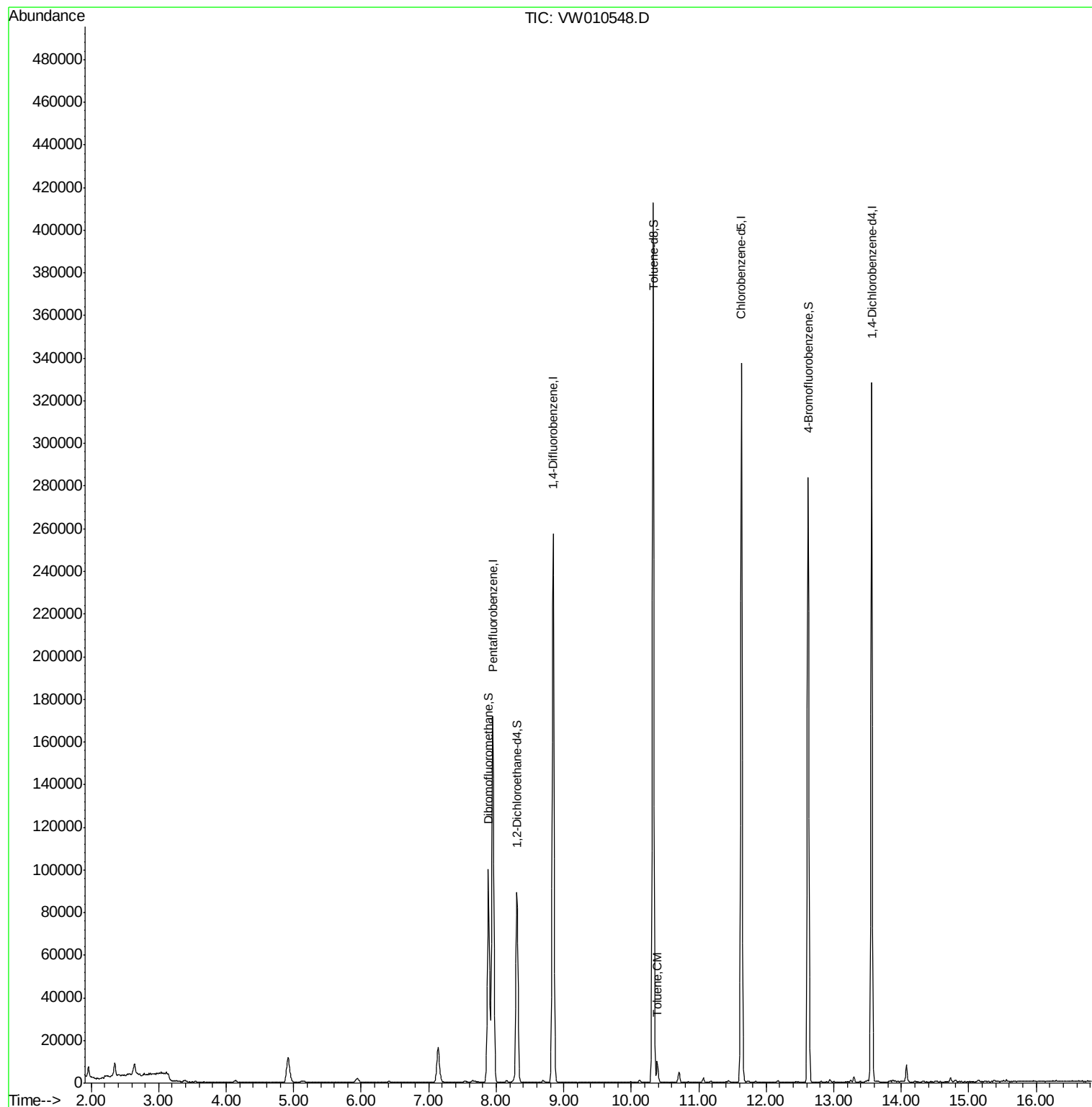
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69484	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.88	113	70860	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	280388	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	100241	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
Target Compounds						
52) Toluene	10.39	92	4264	1.051	ug/l	Qvalue 97

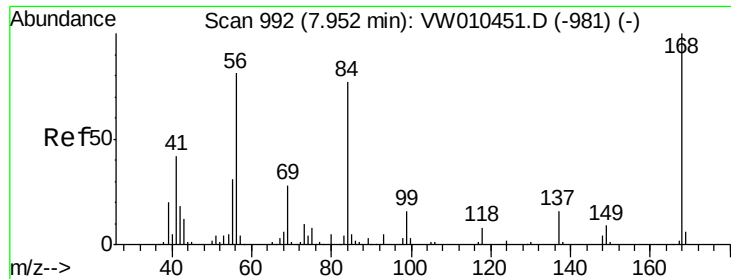
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010548.D

Acq: 24 May 2019 14:09

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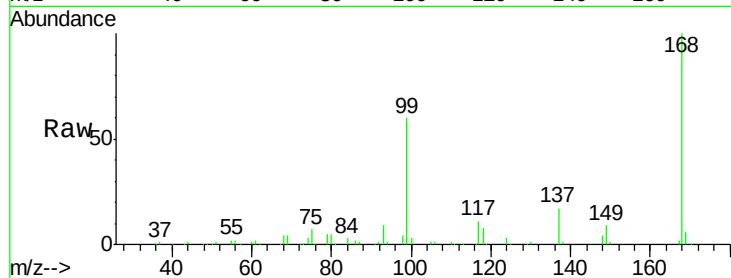
FESB-26(2.5-3)

Tot Ion:168 Resp: 131085

Ion Ratio Lower Upper

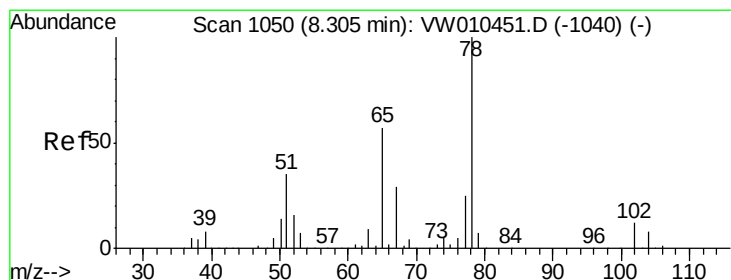
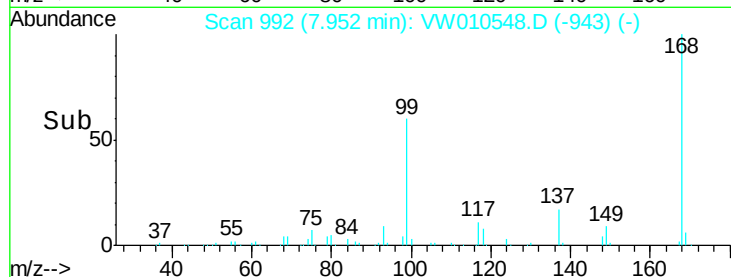
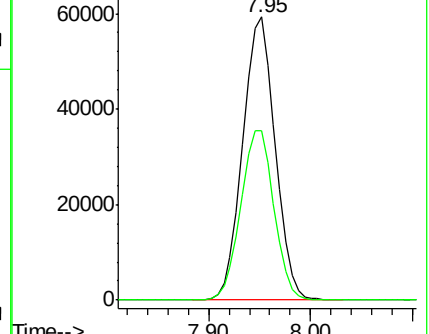
168 100

99 59.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.355 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010548.D

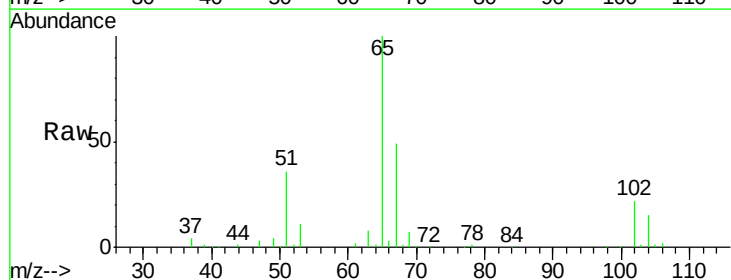
Acq: 24 May 2019 14:09

Tgt Ion: 65 Resp: 69484

Ion Ratio Lower Upper

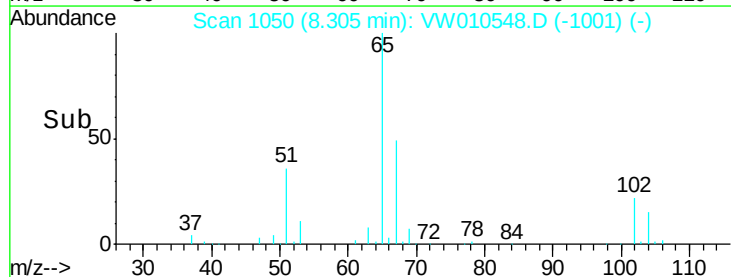
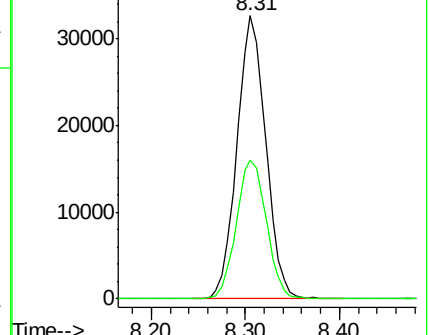
65 100

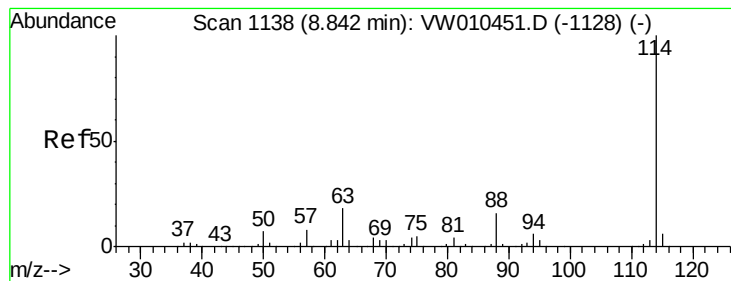
67 51.2 0.0 103.6



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: VW010548.D

Acq: 24 May 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

FESB-26(2.5-3)

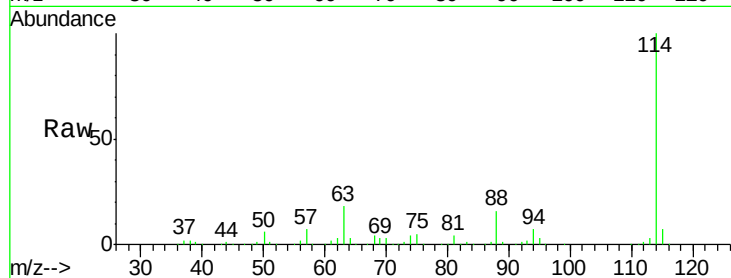
Tot Ion:114 Resp: 233375

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

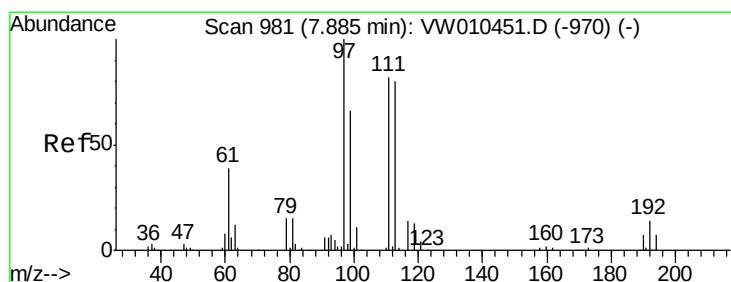
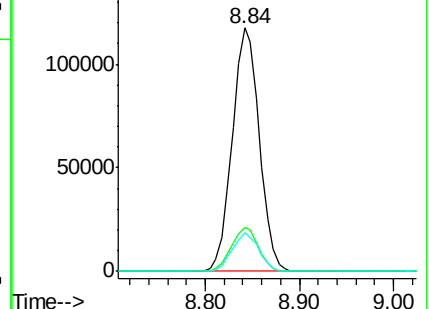
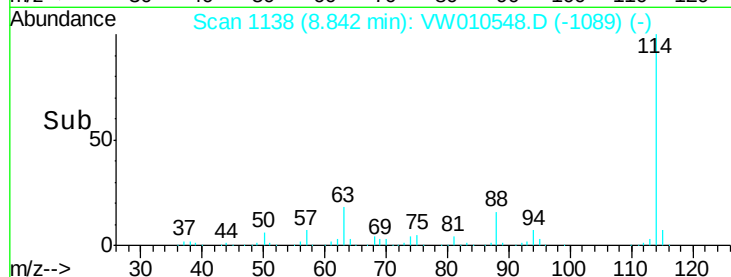
88 15.8 0.0 32.0



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: 50.040 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010548.D

Acq: 24 May 2019 14:09

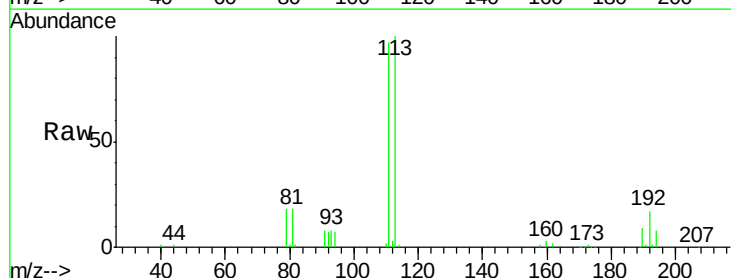
Tgt Ion:113 Resp: 70860

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

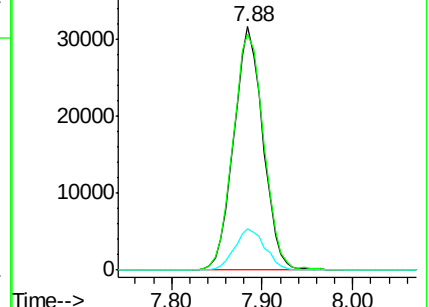
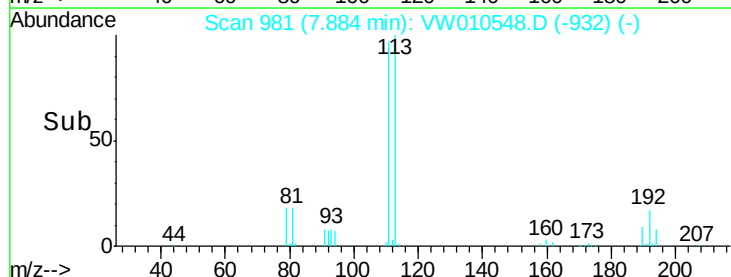
192 17.7 14.3 21.5

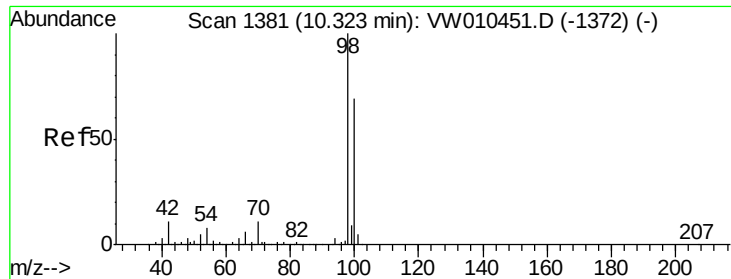


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

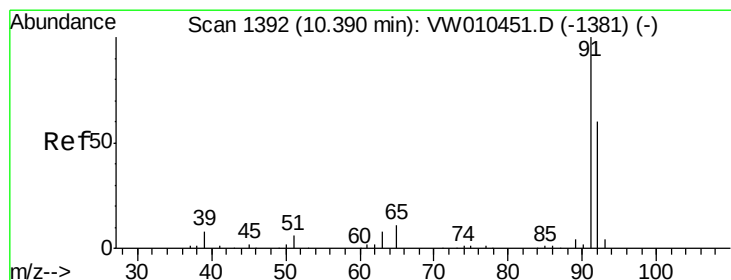
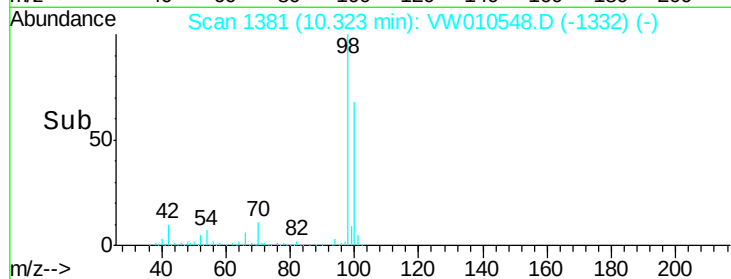
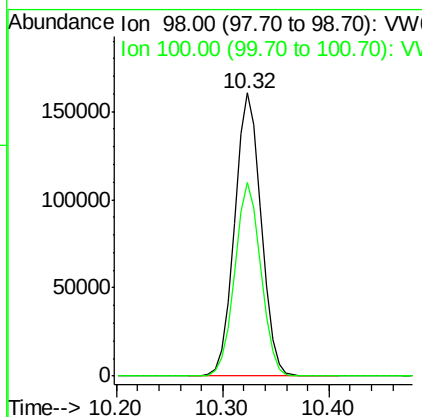
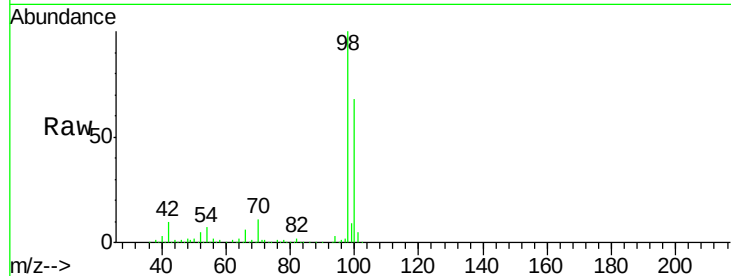




#50
Toluene-d8
Concen: 51.830 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010548.D
Acq: 24 May 2019 14:09

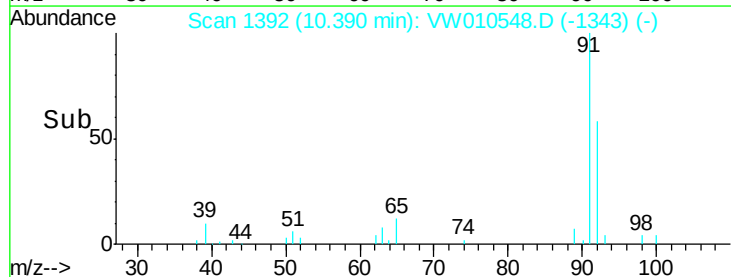
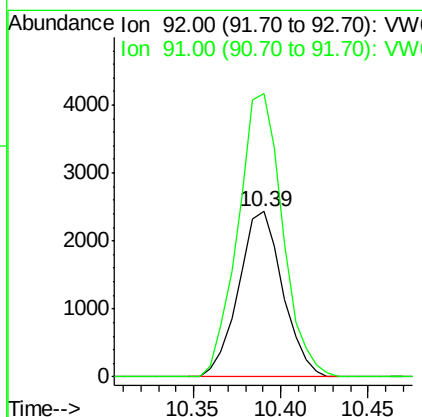
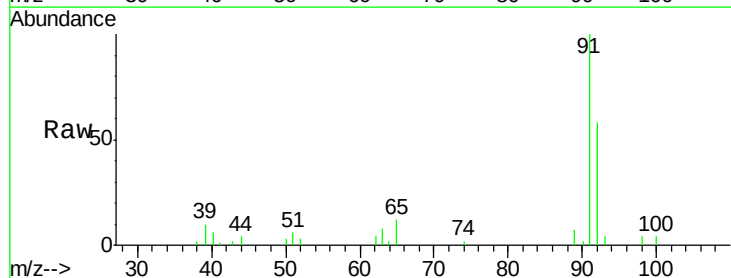
Instrument :
MSVOA_W
ClientSampleId :
FESB-26(2.5-3)

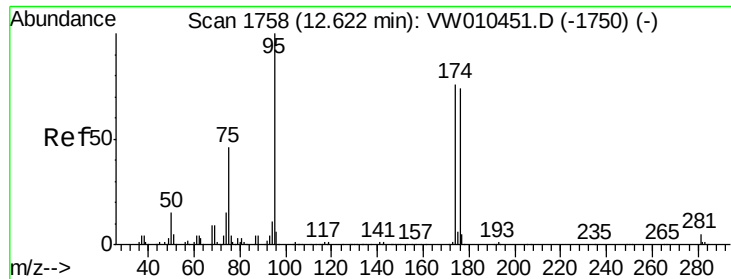
Tot Ion: 98 Resp: 280388
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#52
Toluene
Concen: 1.051 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010548.D
Acq: 24 May 2019 14:09

Tgt Ion: 92 Resp: 4264
Ion Ratio Lower Upper
92 100
91 173.4 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 46.520 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010548.D

Acq: 24 May 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

FESB-26(2.5-3)

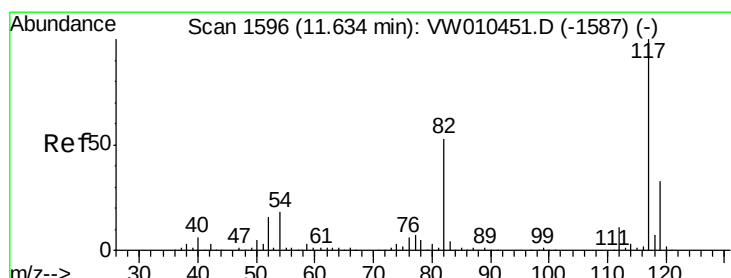
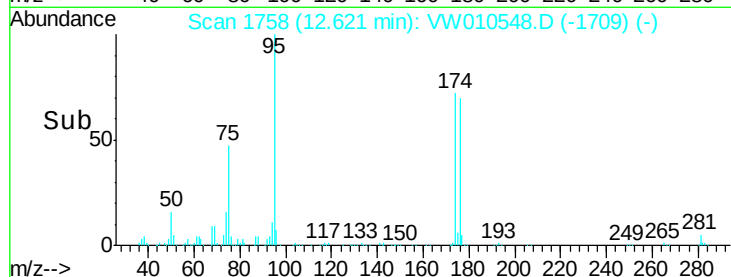
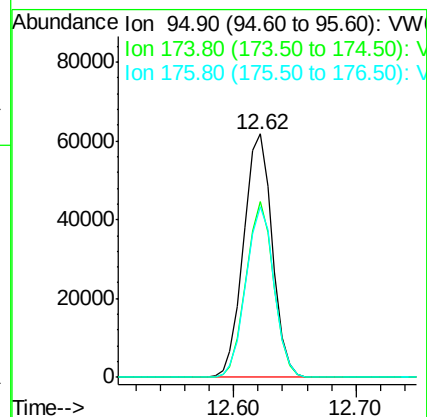
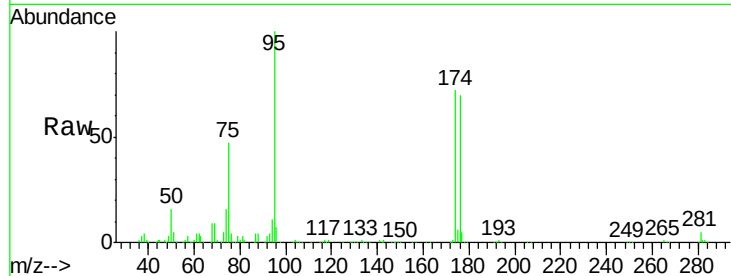
Tot Ion: 95 Resp: 100241

Ion Ratio Lower Upper

95 100

174 70.0 0.0 148.6

176 69.1 0.0 144.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010548.D

Acq: 24 May 2019 14:09

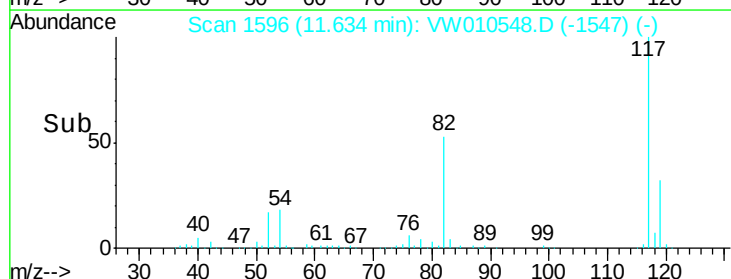
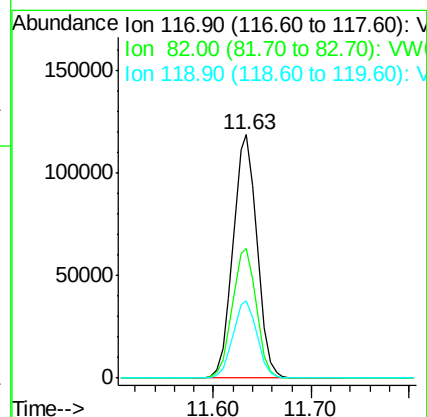
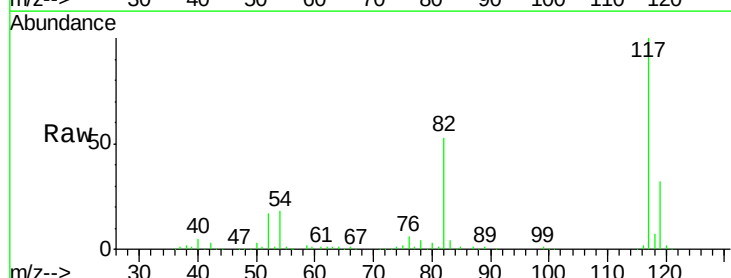
Tgt Ion: 117 Resp: 200768

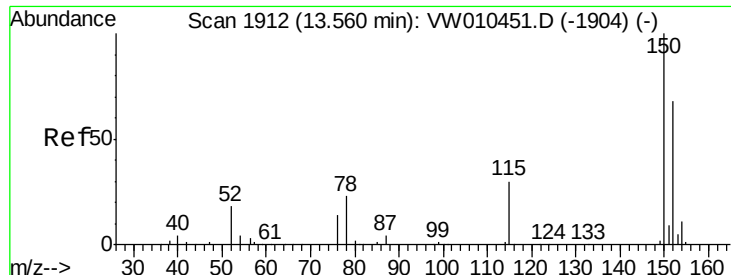
Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010548.D
 Acq: 24 May 2019 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-26(2.5-3)

Tot Ion:152 Resp: 84859
 Ion Ratio Lower Upper
 152 100
 115 62.1 30.3 91.0
 150 157.6 0.0 349.8

