

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010465.D
 Acq On : 20 May 2019 23:40
 Operator : SY/VA
 Sample : K2944-06
 Misc : 6.68G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-6(4.5-5)

Quant Time: May 21 07:14:27 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

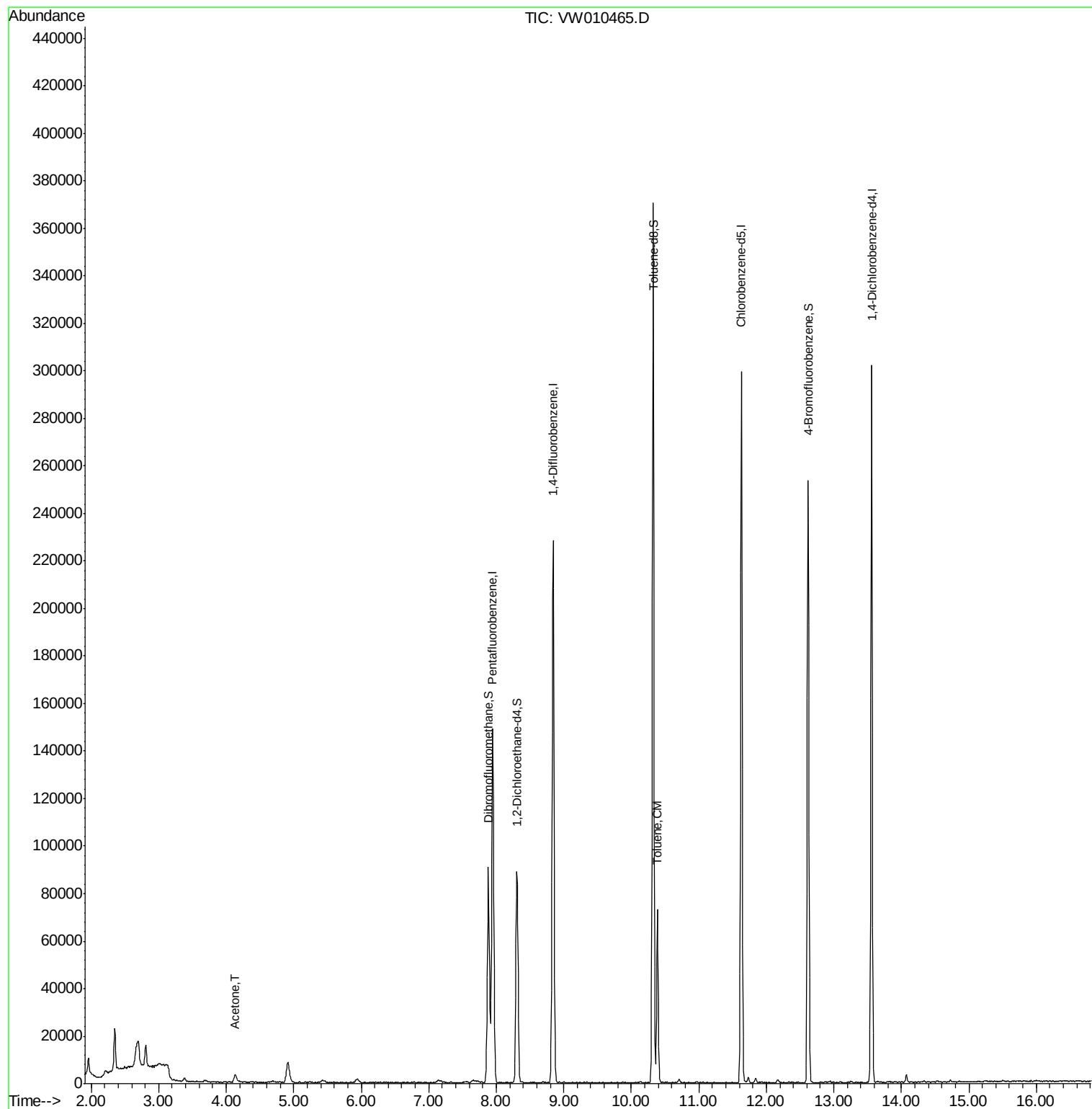
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	203660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69000	62.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.56%	
35) Dibromofluoromethane	7.88	113	64284	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	10.32	98	248546	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	93532	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
Target Compounds						
16) Acetone	4.13	43	6018	26.612	ug/l	98
52) Toluene	10.39	92	31697	8.951	ug/l	99

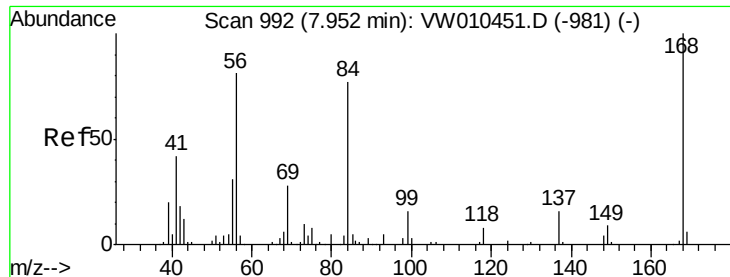
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

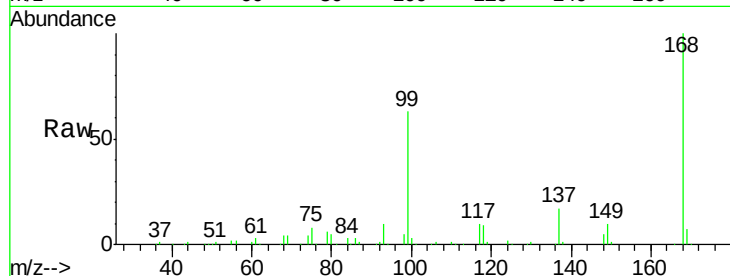
FESB-6(4.5-5)

Tot Ion:168 Resp: 107334

Ion Ratio Lower Upper

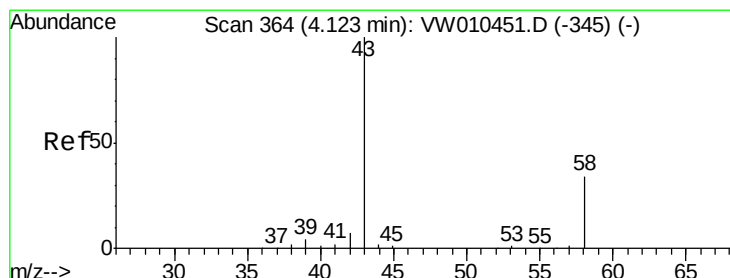
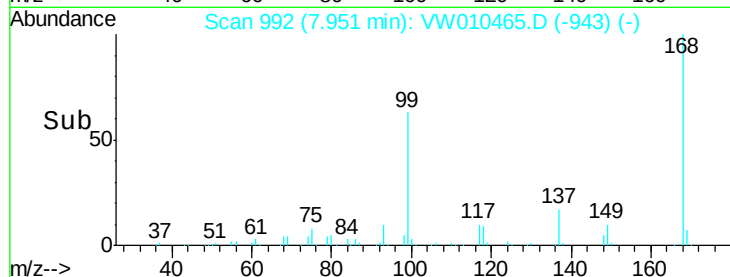
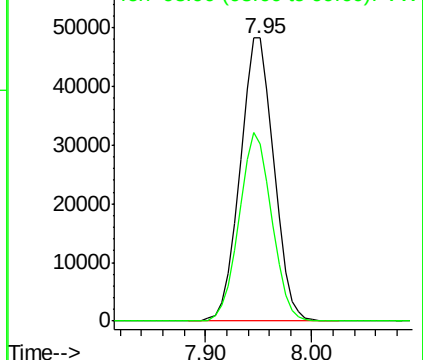
168 100

99 62.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 26.612 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010465.D

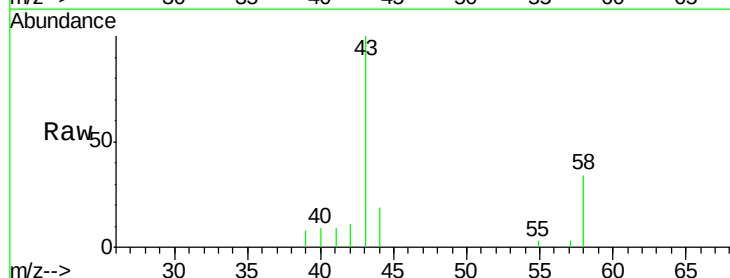
Acq: 20 May 2019 23:40

Tgt Ion: 43 Resp: 6018

Ion Ratio Lower Upper

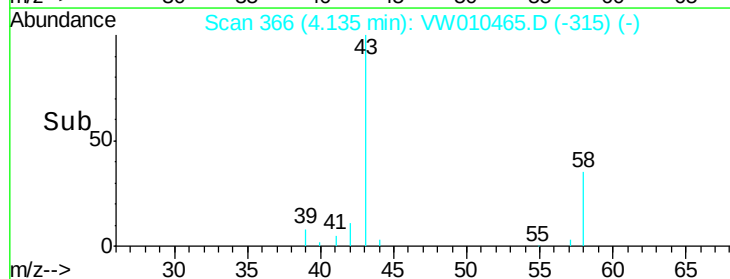
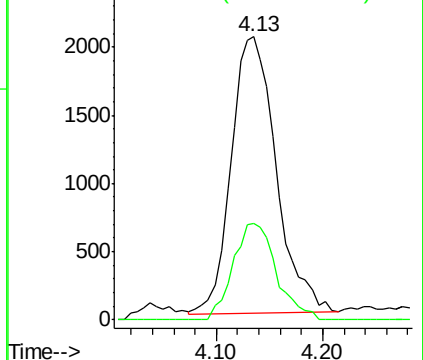
43 100

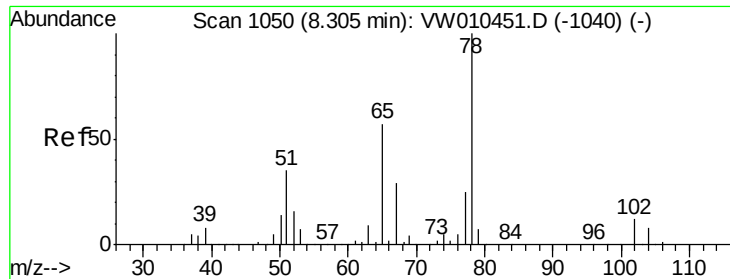
58 35.1 27.0 40.4



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: 62.282 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

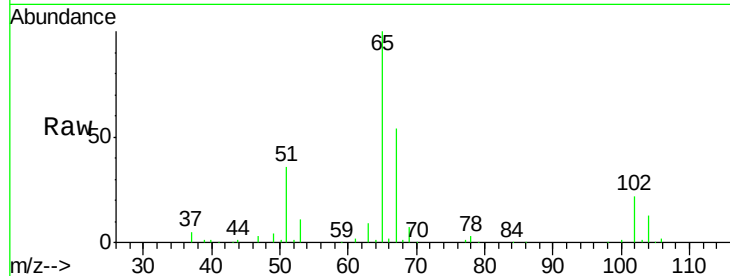
FESB-6(4.5-5)

Tot Ion: 65 Resp: 69000

Ion Ratio Lower Upper

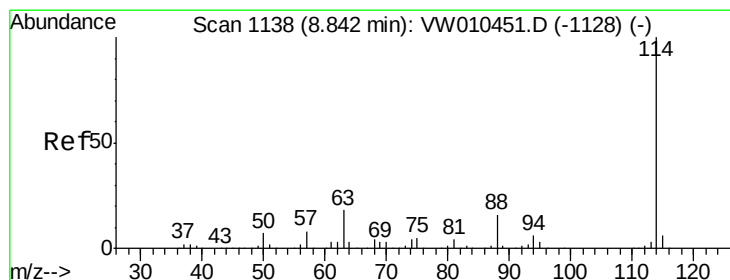
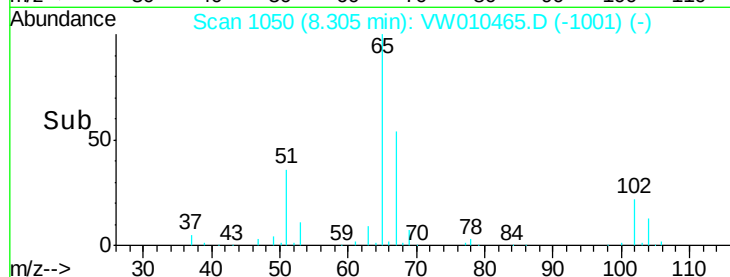
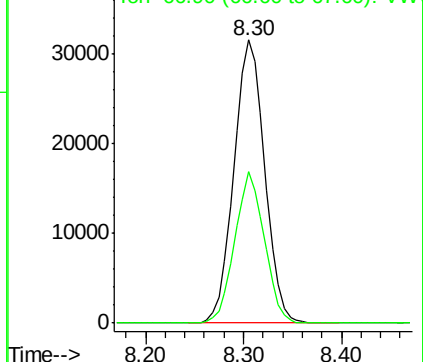
65 100

67 51.3 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: VW010465.D

Acq: 20 May 2019 23:40

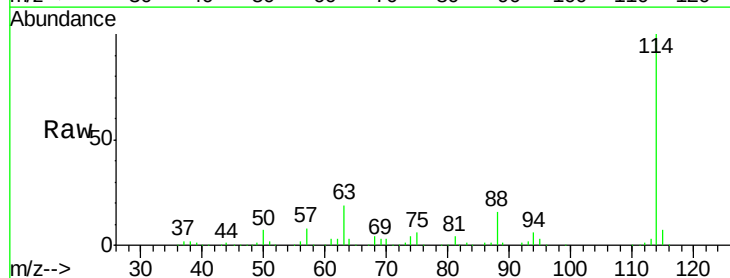
Tgt Ion: 114 Resp: 203660

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.0

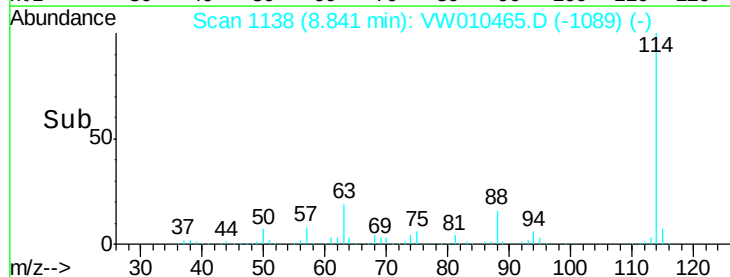
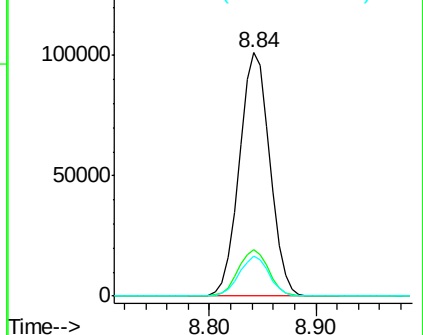
88 16.2 0.0 32.0

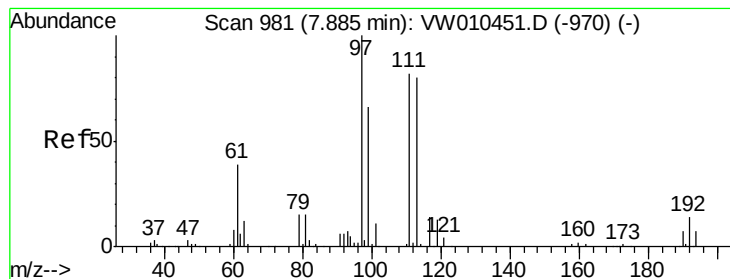


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.019 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-6(4.5-5)

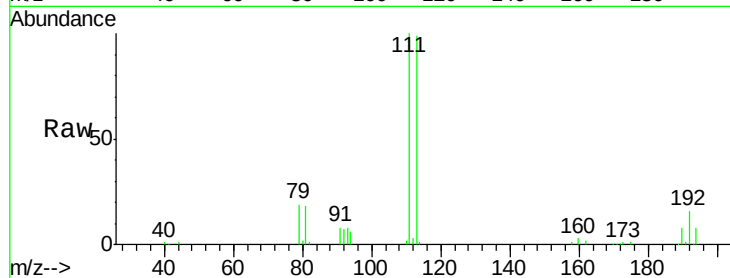
Tot Ion:113 Resp: 64284

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

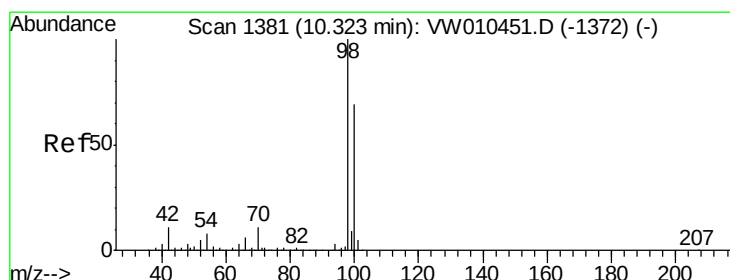
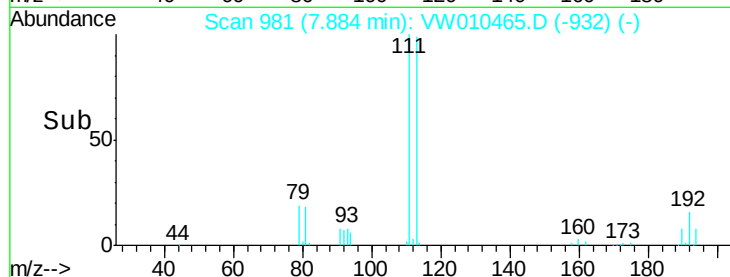
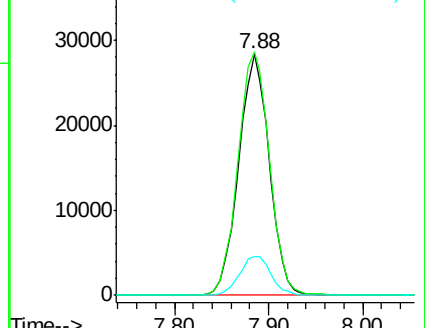
192 16.7 14.3 21.5



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: 52.648 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010465.D

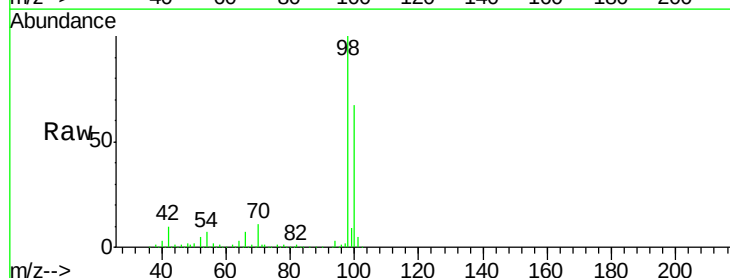
Acq: 20 May 2019 23:40

Tgt Ion: 98 Resp: 248546

Ion Ratio Lower Upper

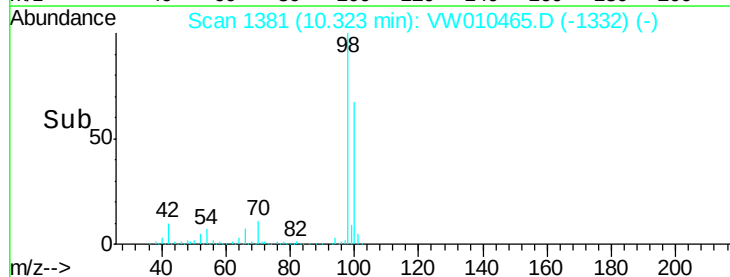
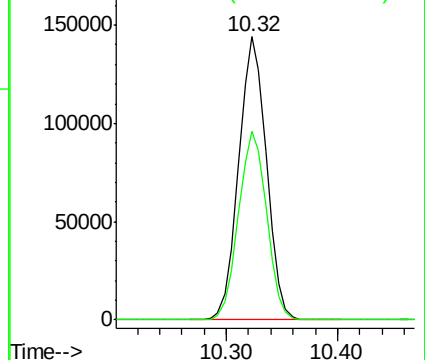
98 100

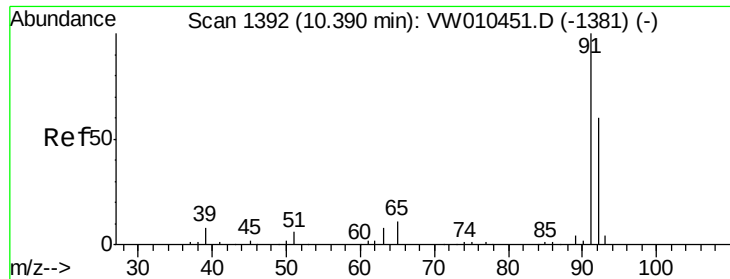
100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.951 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

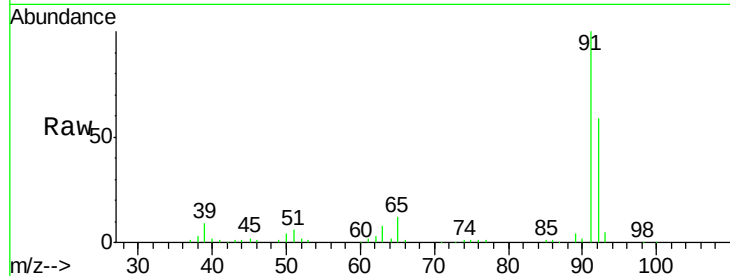
FESB-6(4.5-5)

Tot Ion: 92 Resp: 31697

Ion Ratio Lower Upper

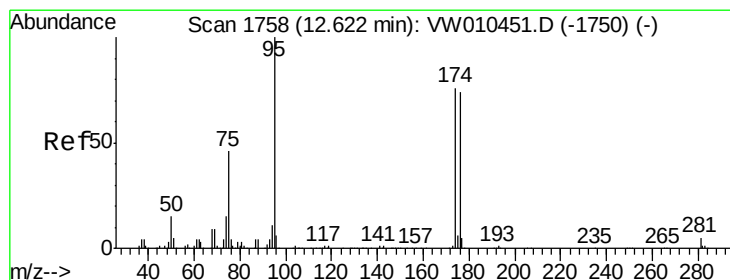
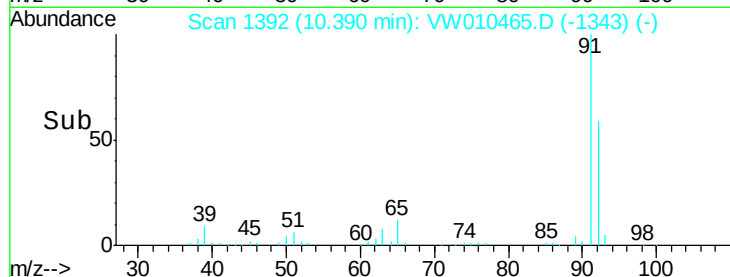
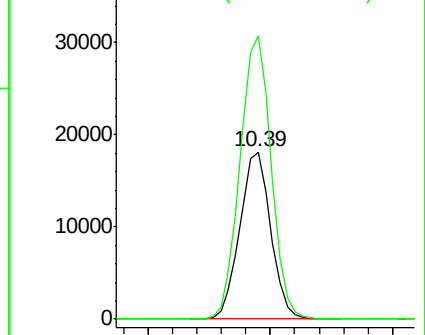
92 100

91 170.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 49.740 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

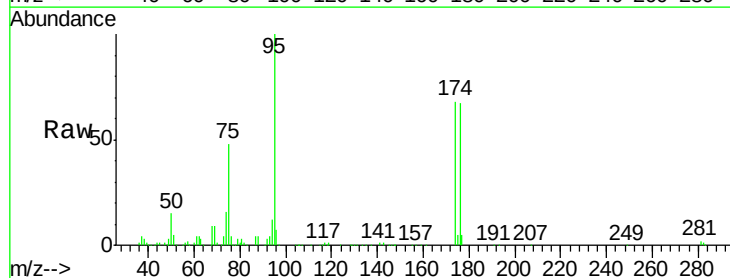
Tgt Ion: 95 Resp: 93532

Ion Ratio Lower Upper

95 100

174 67.2 0.0 148.6

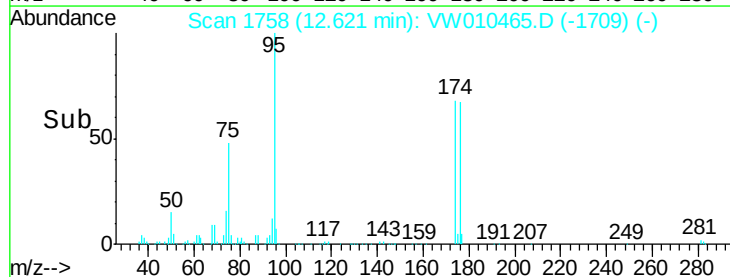
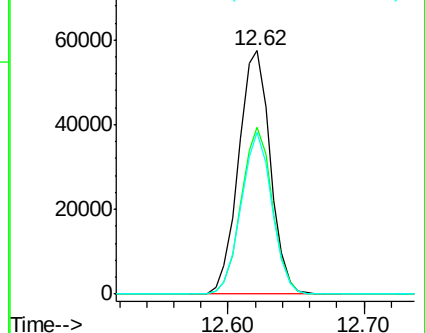
176 64.4 0.0 144.2

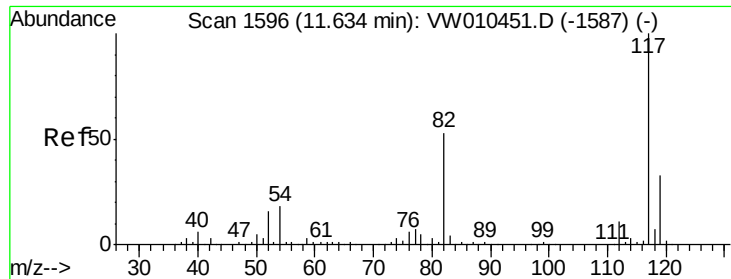


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

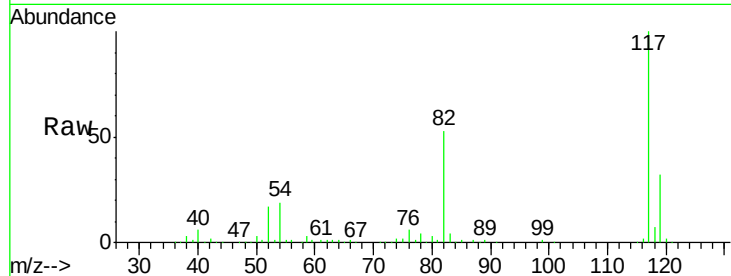




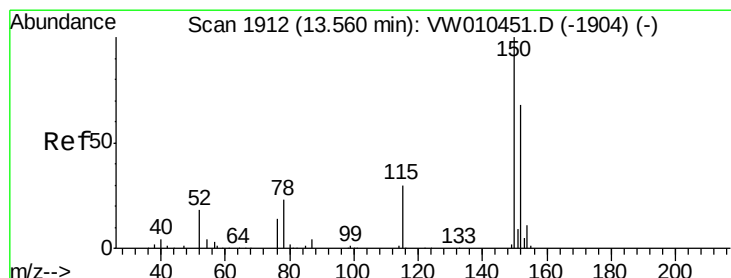
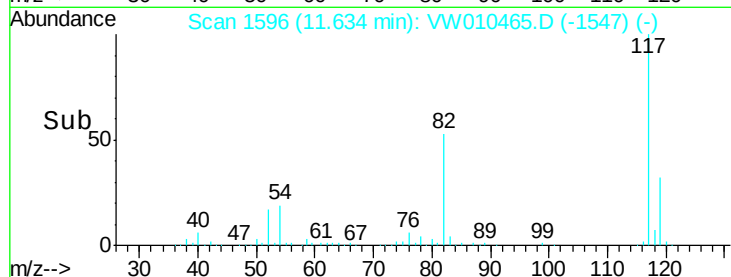
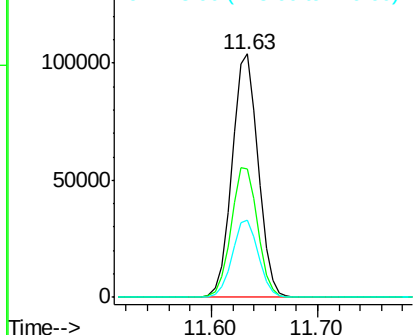
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010465.D
Acq: 20 May 2019 23:40

Instrument :
MSVOA_W
ClientSampleId :
FESB-6(4.5-5)

Tot Ion:117 Resp: 178703
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.9 26.3 39.5

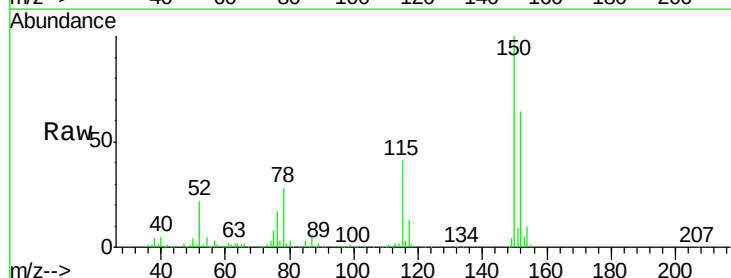


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010465.D
Acq: 20 May 2019 23:40

Tgt Ion:152 Resp: 74888
Ion Ratio Lower Upper
152 100
115 65.8 30.3 91.0
150 160.7 0.0 349.8



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

