

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010565.D
 Acq On : 28 May 2019 14:18
 Operator : SY/VA
 Sample : K3066-02
 Misc : 5.92G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-25(5.5-6)

Quant Time: May 29 07:27:36 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

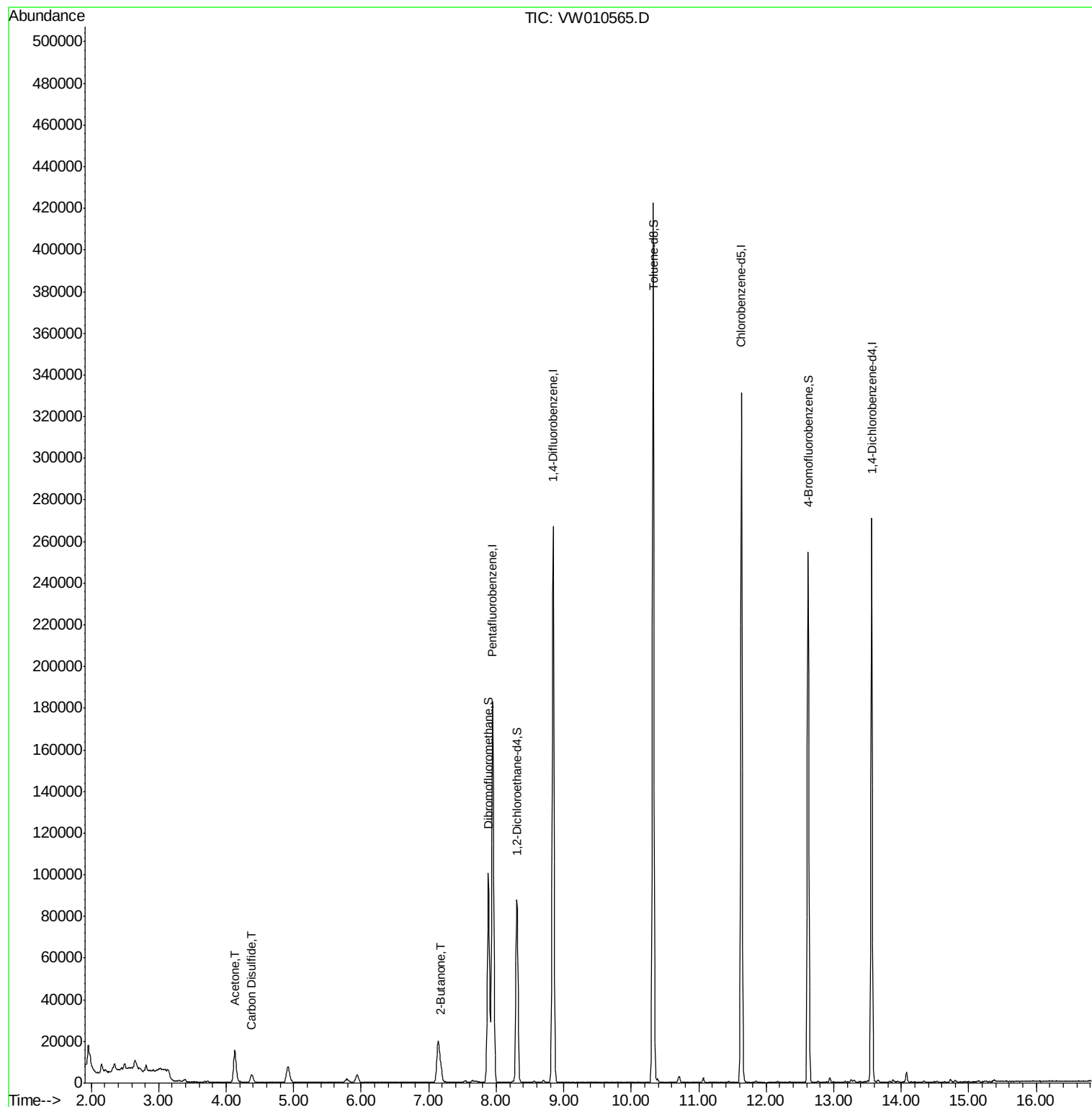
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	238928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69977	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	7.88	113	71462	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.32	98	286619	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	90805	41.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.32%	
Target Compounds						
16) Acetone	4.13	43	27480	92.717	ug/l	95
17) Carbon Disulfide	4.37	76	8156	1.840	ug/l	100
25) 2-Butanone	7.18	43	12065	28.445	ug/l	98

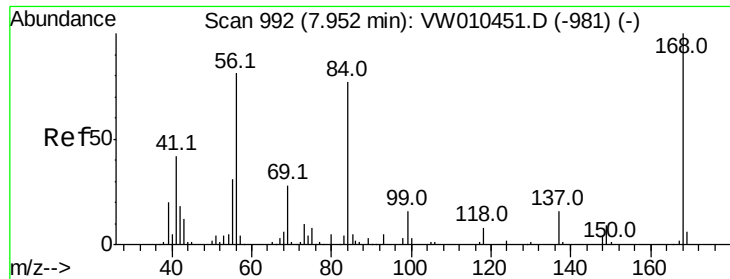
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. -0.00 min

Lab File: VW010565.D

Acq: 28 May 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

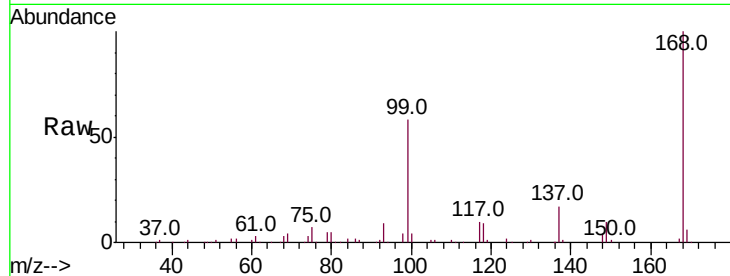
FESB-25(5.5-6)

Tot Ion:168 Resp: 140675

Ion Ratio Lower Upper

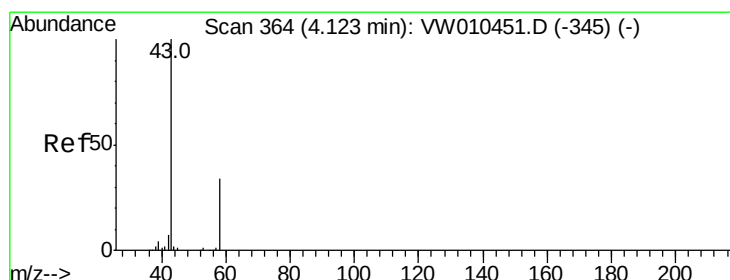
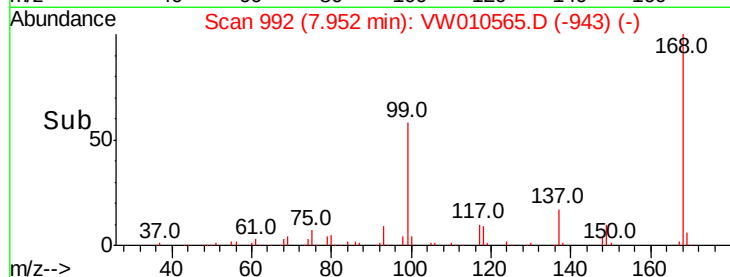
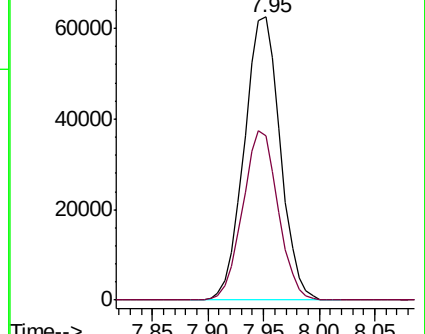
168 100

99 58.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 92.717 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010565.D

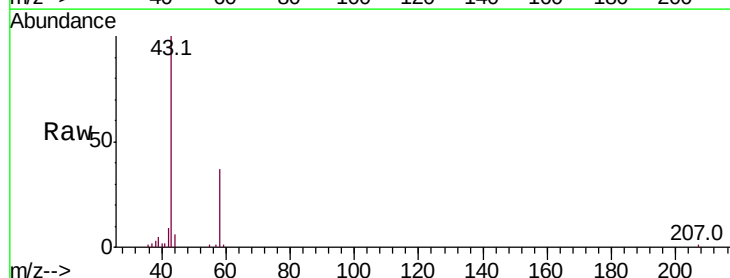
Acq: 28 May 2019 14:18

Tgt Ion: 43 Resp: 27480

Ion Ratio Lower Upper

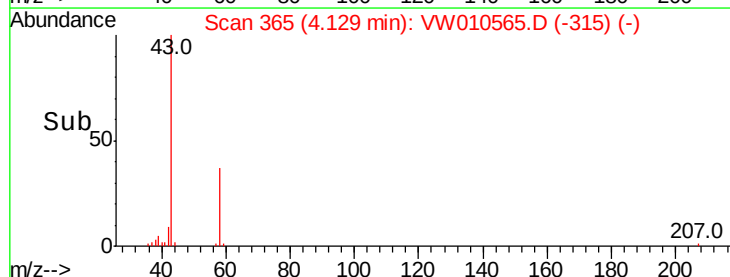
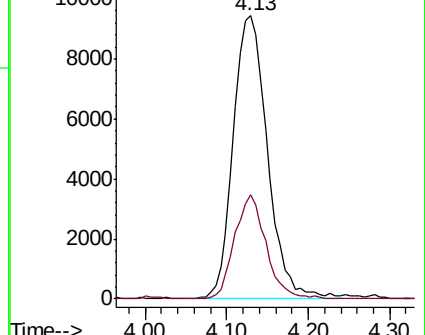
43 100

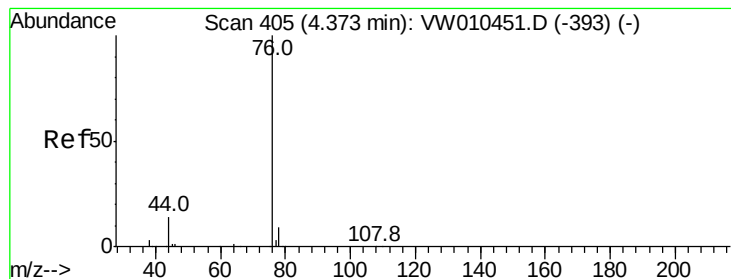
58 36.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.840 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010565.D

Acq: 28 May 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

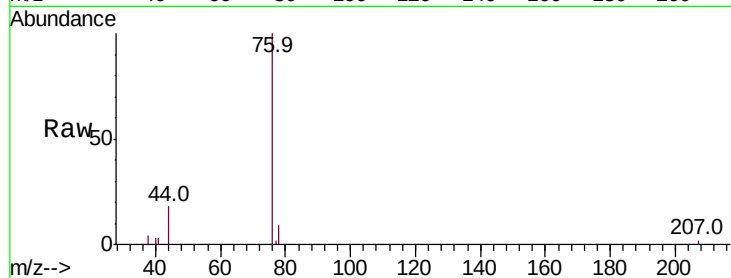
FESB-25(5.5-6)

Tot Ion: 76 Resp: 8156

Ion Ratio Lower Upper

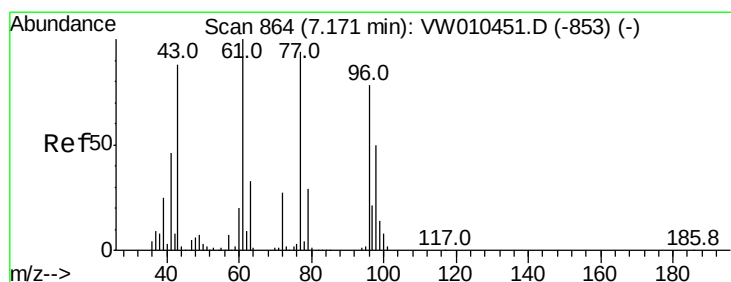
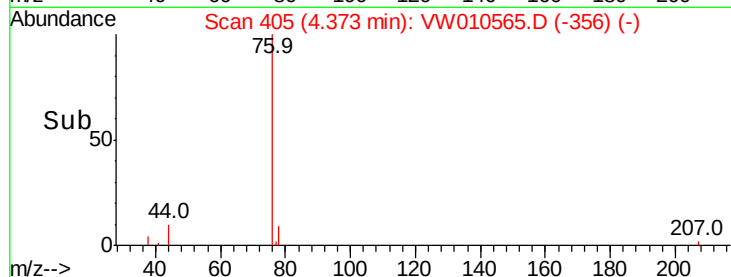
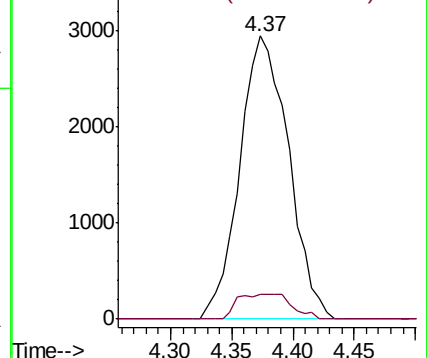
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 28.445 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010565.D

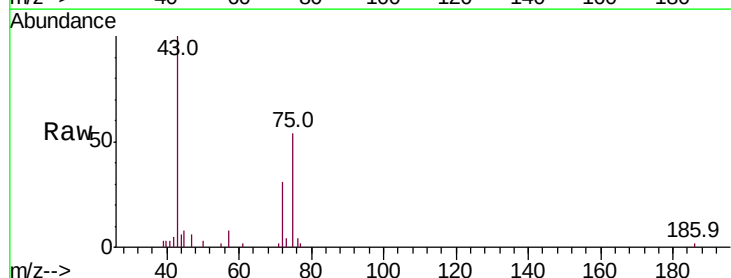
Acq: 28 May 2019 14:18

Tgt Ion: 43 Resp: 12065

Ion Ratio Lower Upper

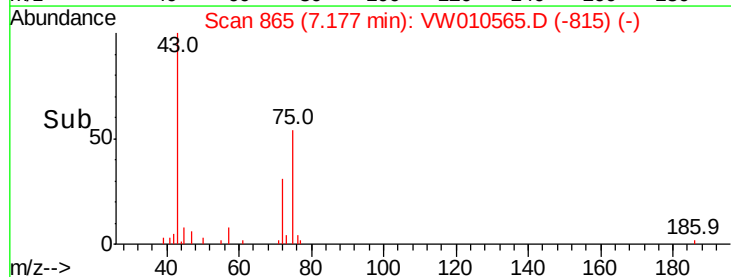
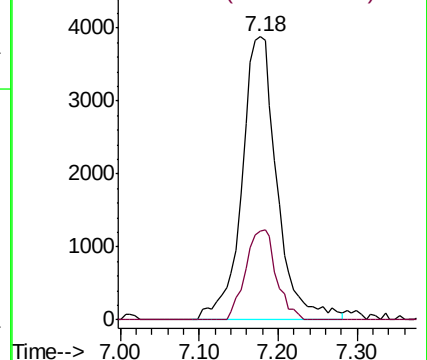
43 100

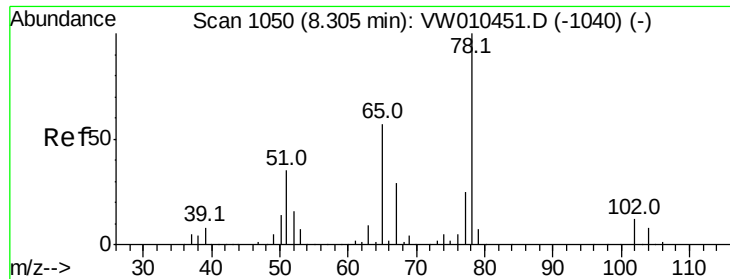
72 31.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

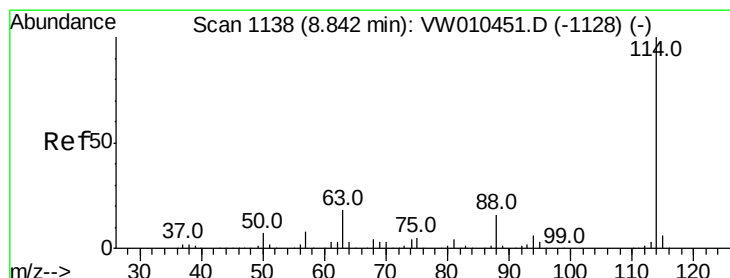
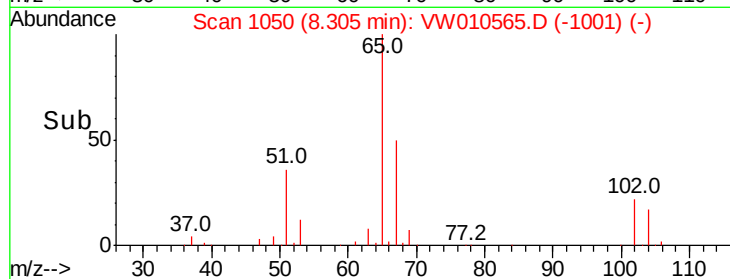
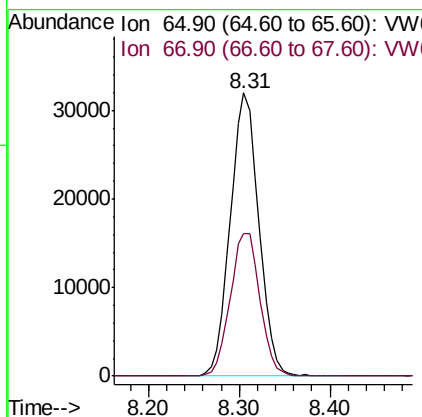
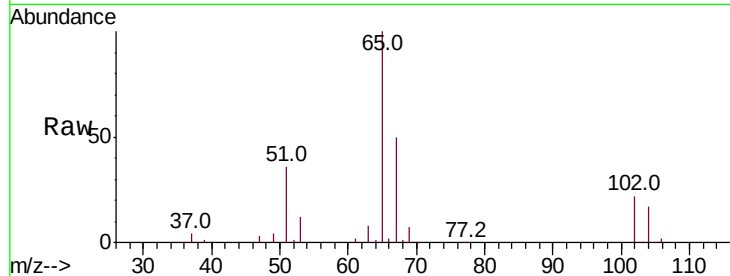




#33
 1,2-Dichloroethane-d4
 Concen: 48.193 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010565.D
 Acq: 28 May 2019 14:18

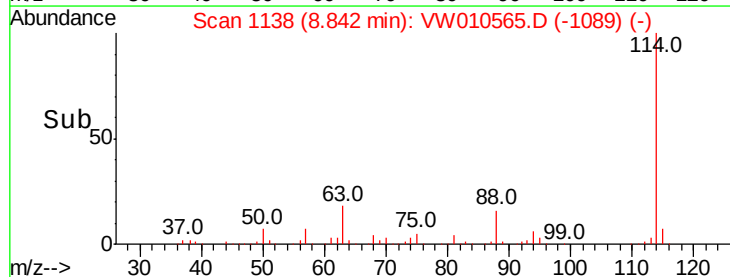
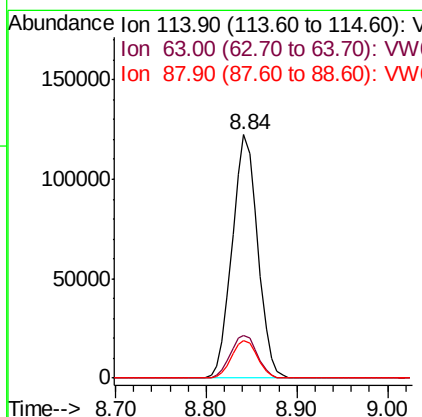
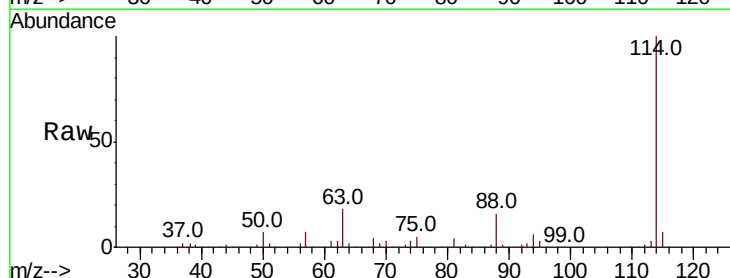
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-25(5.5-6)

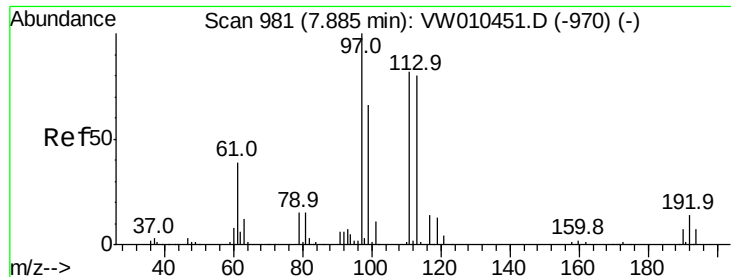
Tot Ion: 65 Resp: 69977
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010565.D
 Acq: 28 May 2019 14:18

Tgt Ion: 114 Resp: 238928
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.0
 88 15.6 0.0 32.0

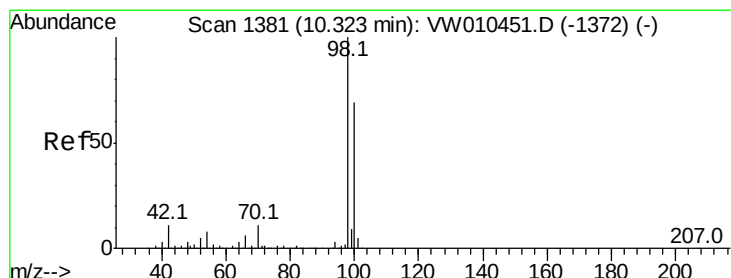
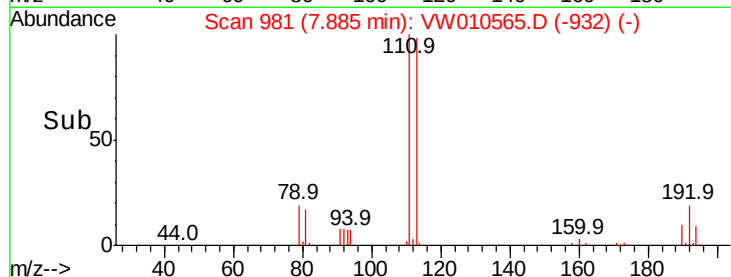
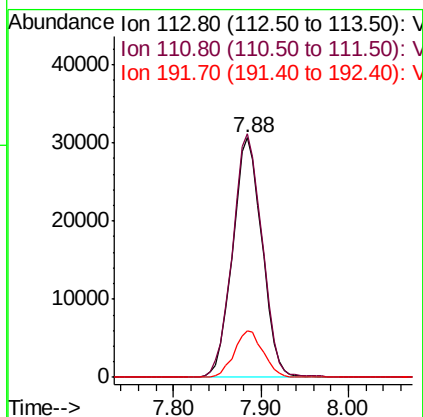
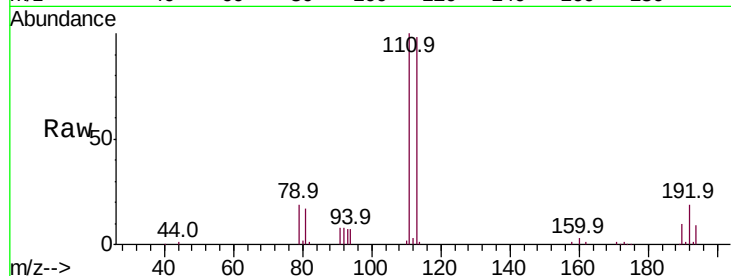




#35
 Dibromofluoromethane
 Concen: 49.292 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010565.D
 Acq: 28 May 2019 14:18

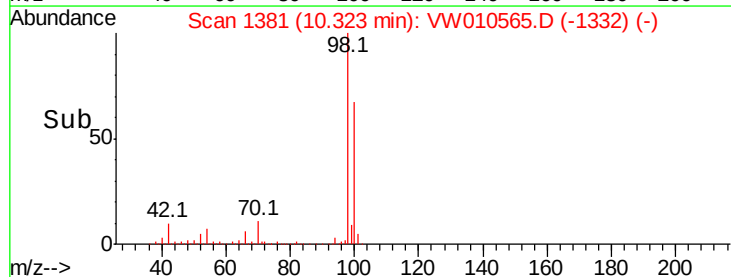
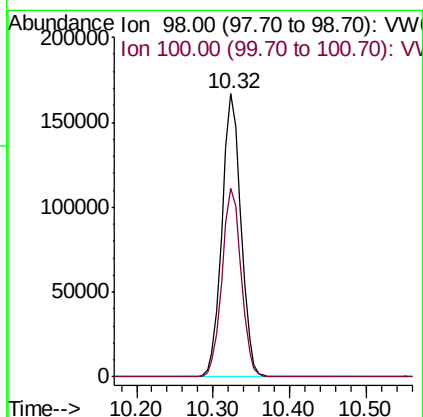
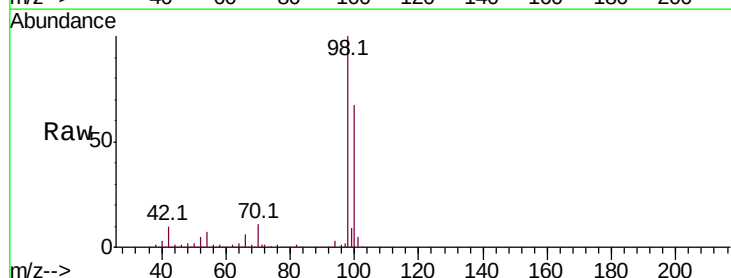
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-25(5.5-6)

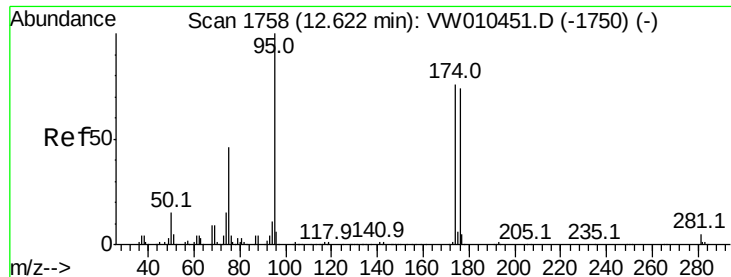
Tot Ion:113 Resp: 71462
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 19.2 14.3 21.5



#50
 Toluene-d8
 Concen: 51.751 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010565.D
 Acq: 28 May 2019 14:18

Tgt Ion: 98 Resp: 286619
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 41.162 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010565.D

Acq: 28 May 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

FESB-25(5.5-6)

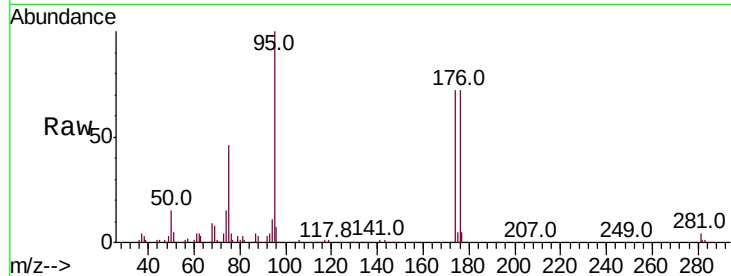
Tot Ion: 95 Resp: 90805

Ion Ratio Lower Upper

95 100

174 74.1 0.0 148.6

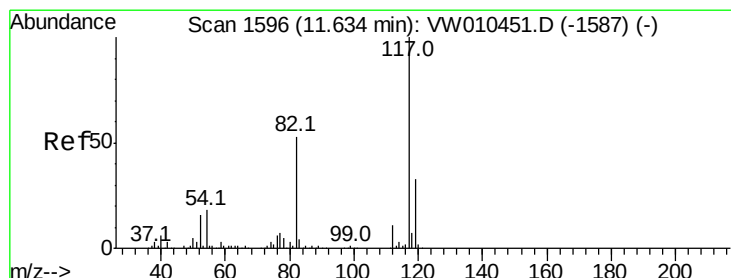
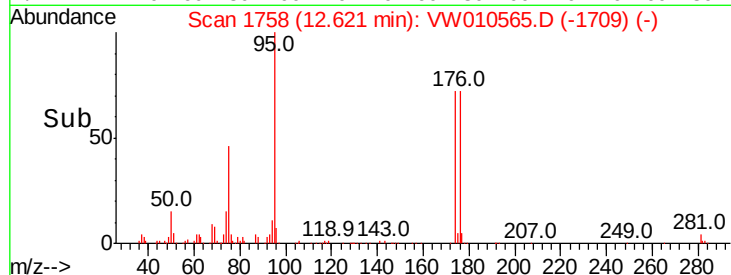
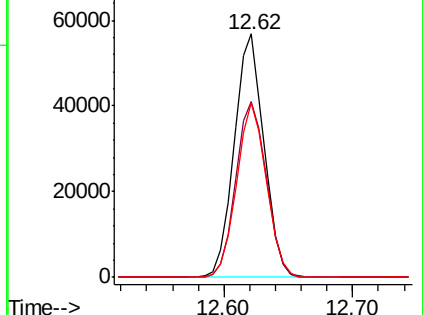
176 71.5 0.0 144.2



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: VW010565.D

Acq: 28 May 2019 14:18

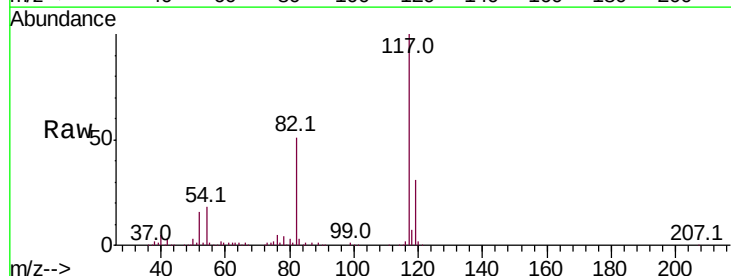
Tgt Ion: 117 Resp: 198578

Ion Ratio Lower Upper

117 100

82 51.5 42.8 64.2

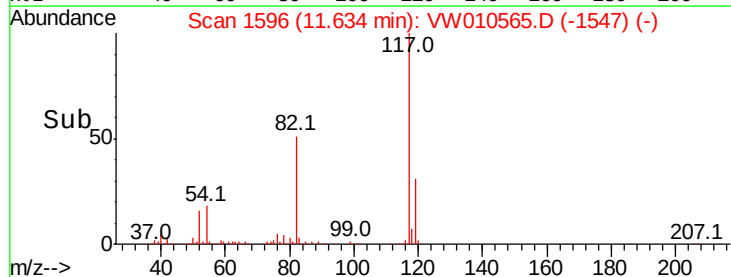
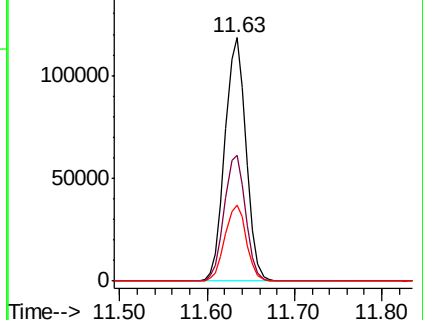
119 31.2 26.3 39.5

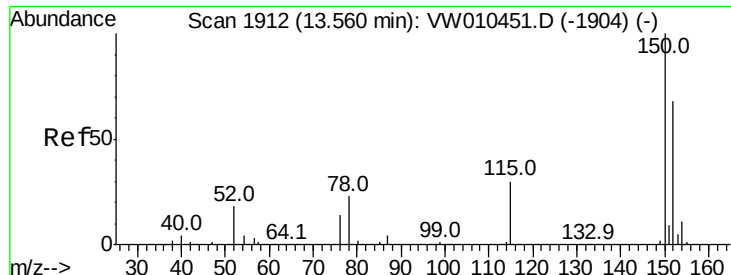


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

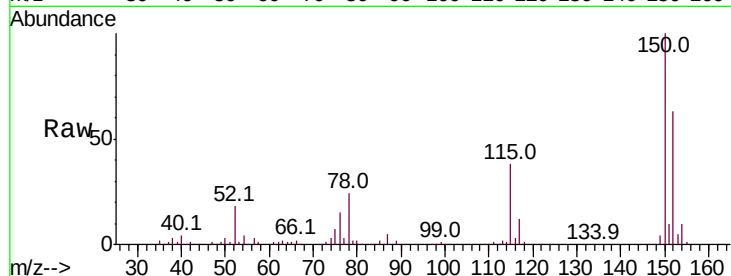




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010565.D
 Acq: 28 May 2019 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-25(5.5-6)

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.3	91.0
150	157.9	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

