

Data Path : Z:\VOASRV\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 06:50:26 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	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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	69000	62.28	ug/l	0.00
Spiked Amount			Recovery	=	124.56%	
35) Dibromofluoromethane	7.88	113	64284	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
50) Toluene-d8	10.32	98	248546	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	93532	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

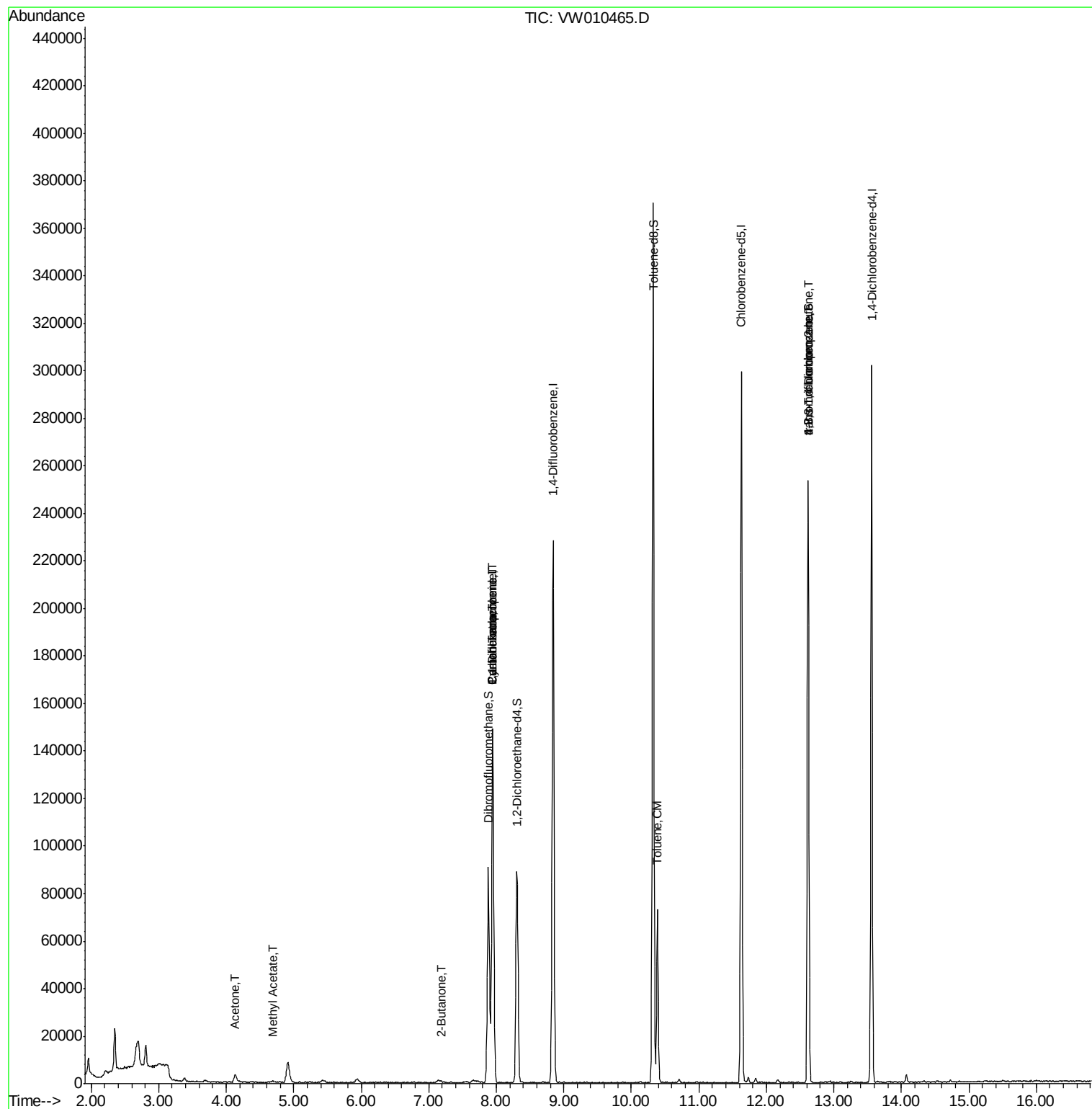
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	47	Below Cal	#	42
13) Acrolein	3.89	56	22	Below Cal	#	1
16) Acetone	4.13	43	6018	26.612	ug/l	98
18) Methyl Acetate	4.69	43	1157	2.092	ug/l #	74
25) 2-Butanone	7.19	43	1191	3.680	ug/l #	81
31) Cyclohexane	7.95	56	2220	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8680	4.575	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11570	5.653	ug/l #	17
52) Toluene	10.39	92	31697	8.951	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	44862	59.016	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	44862	123.169	ug/l #	14

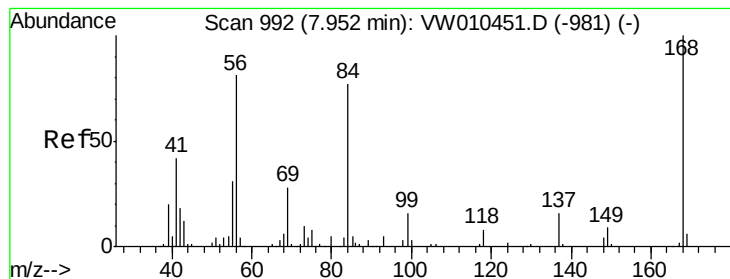
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 06:50:26 2019
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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: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

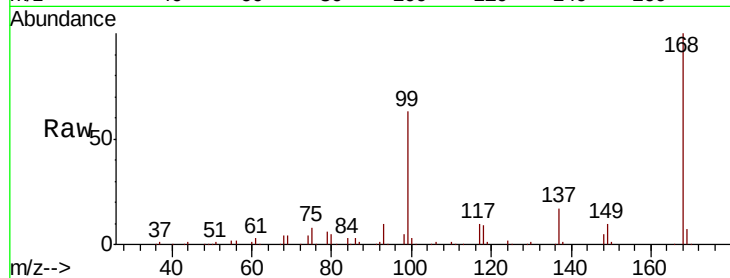
FESB-6(4.5-5)

Tot Ion:168 Resp: 107334

Ion Ratio Lower Upper

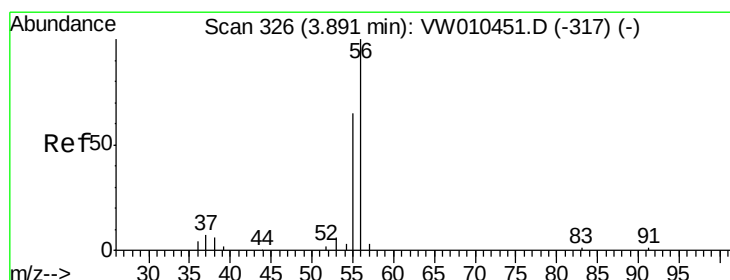
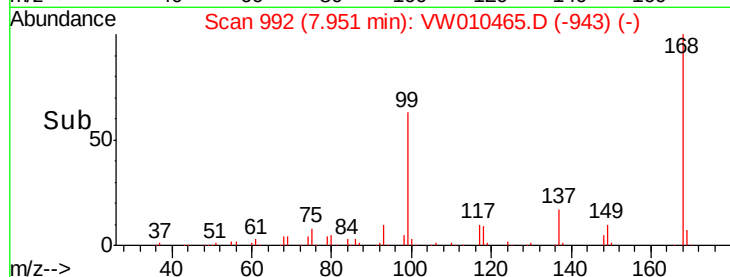
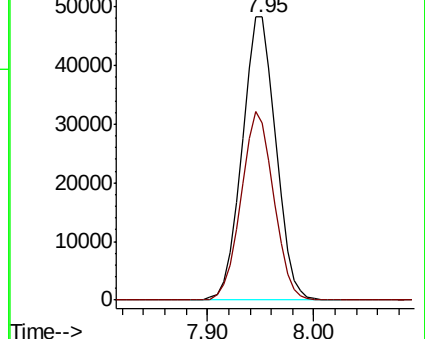
168 100

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



#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW010465.D

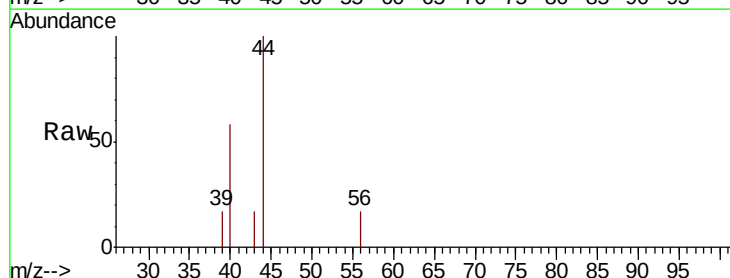
Acq: 20 May 2019 23:40

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

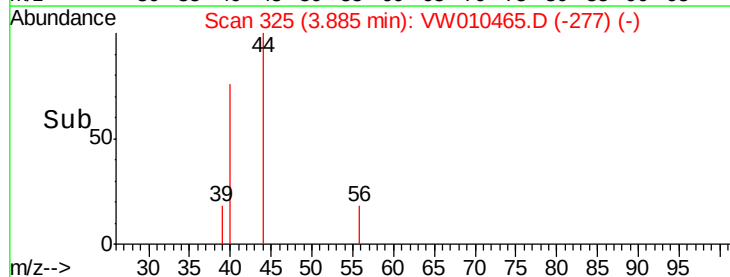
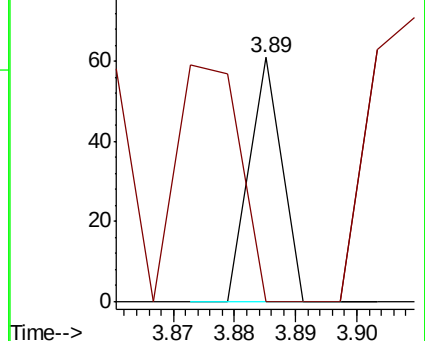
56 100

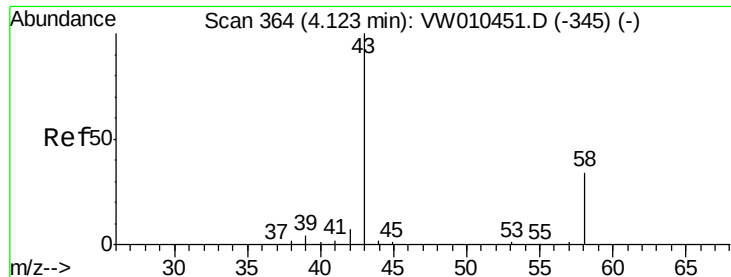
55 290.9 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): 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

Instrument :

MSVOA_W

ClientSampleId :

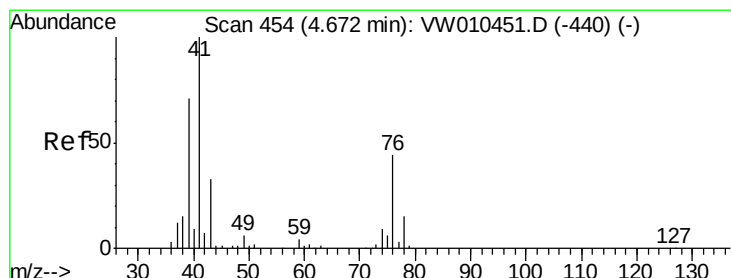
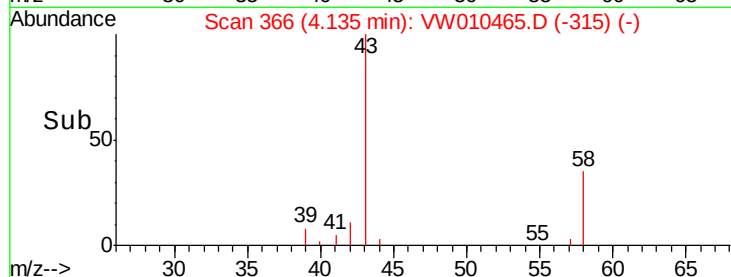
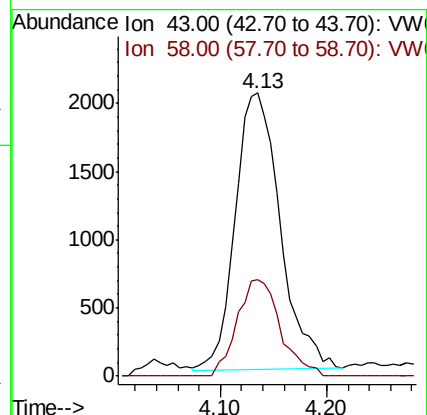
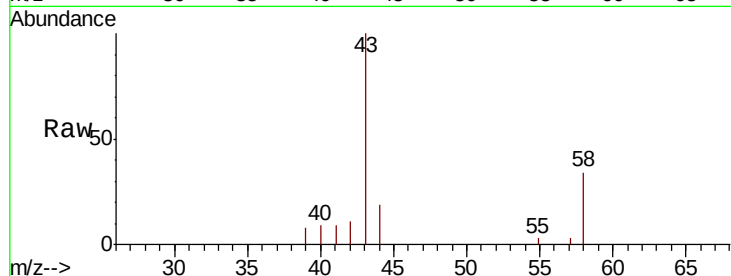
FESB-6(4.5-5)

Tot Ion: 43 Resp: 6018

Ion Ratio Lower Upper

43 100

58 35.1 27.0 40.4



#18

Methyl Acetate

Concen: 2.092 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW010465.D

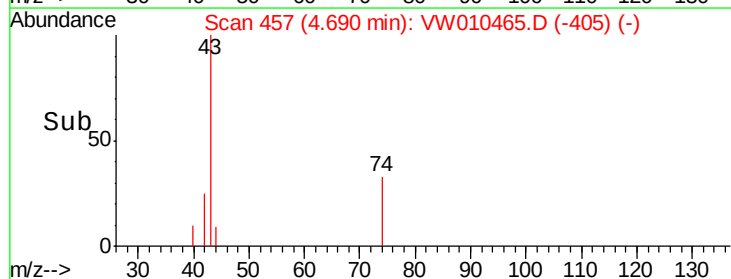
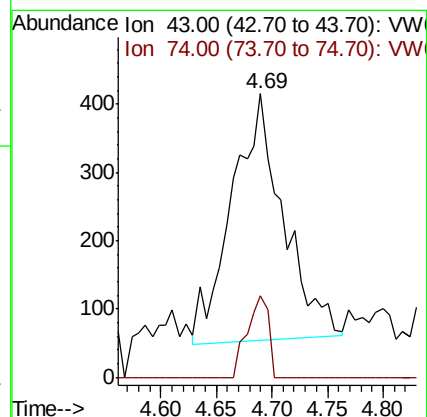
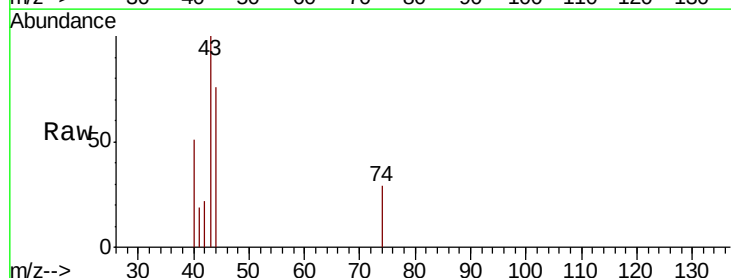
Acq: 20 May 2019 23:40

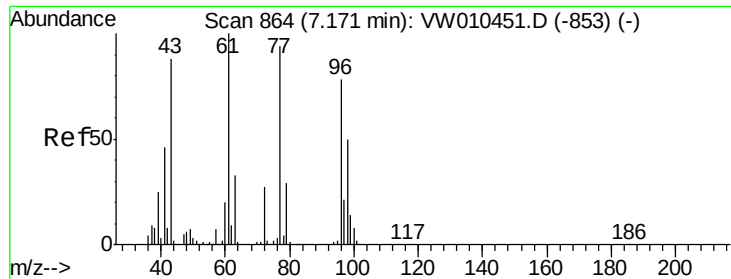
Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

74 13.6 21.6 32.4#





#25

2-Butanone

Concen: 3.680 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

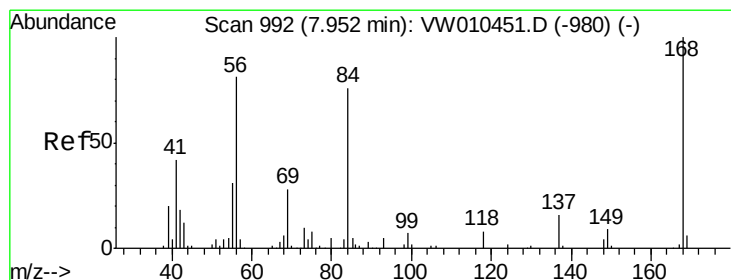
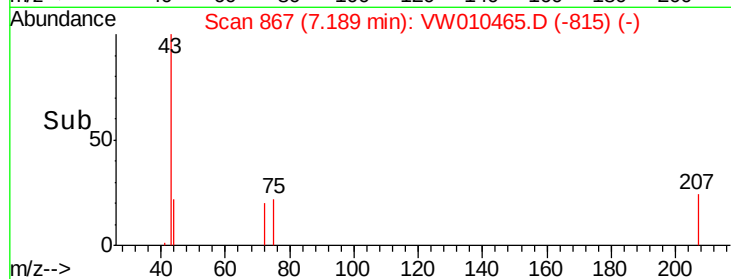
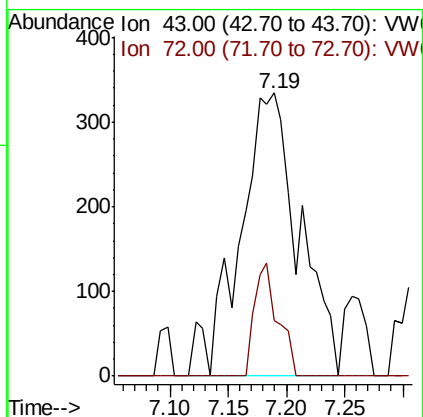
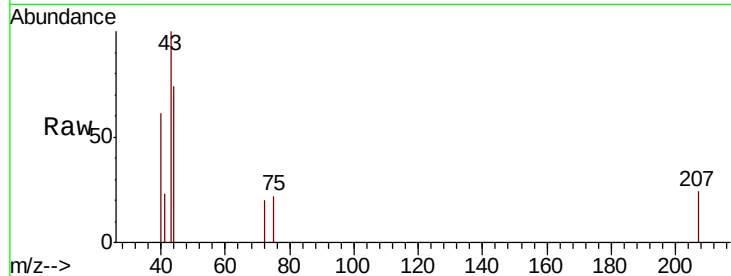
FESB-6(4.5-5)

Tot Ion: 43 Resp: 1191

Ion Ratio Lower Upper

43 100

72 19.8 24.1 36.1#



#31

Cyclohexane

Concen: 1.055 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

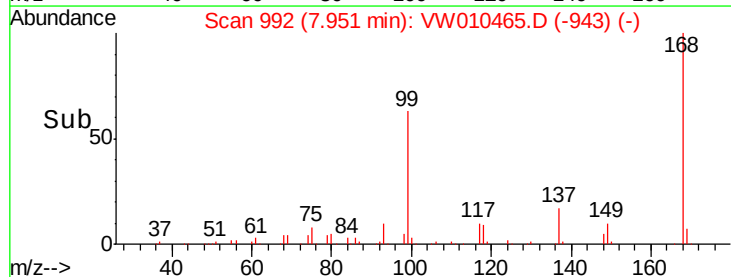
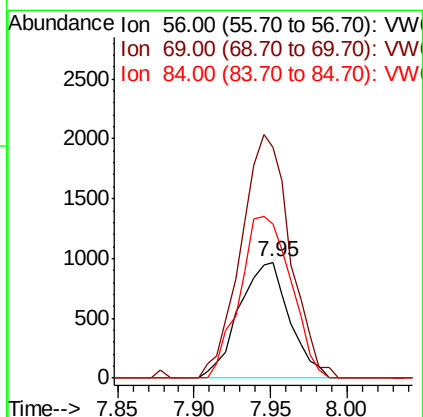
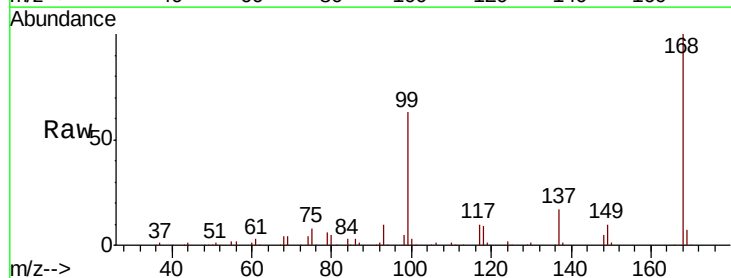
Tgt Ion: 56 Resp: 2220

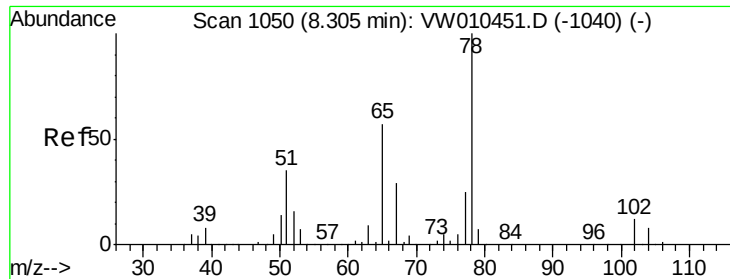
Ion Ratio Lower Upper

56 100

69 199.4 28.2 42.2#

84 132.9 75.8 113.8#

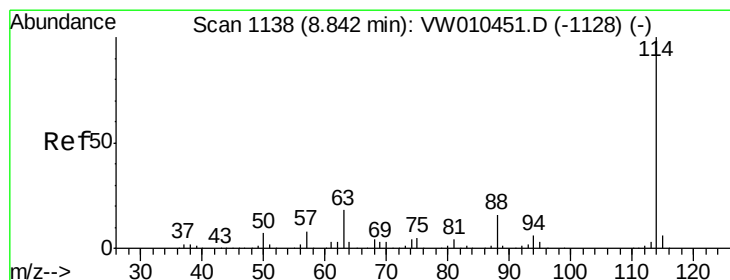
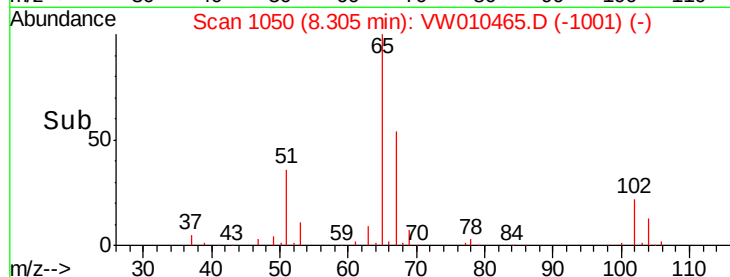
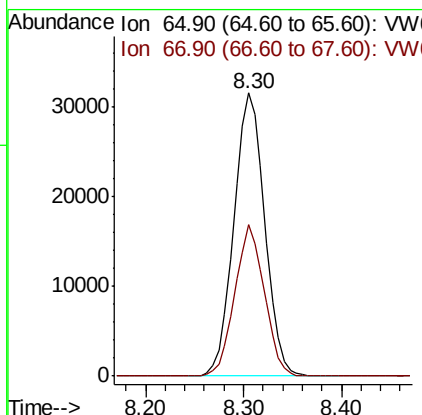
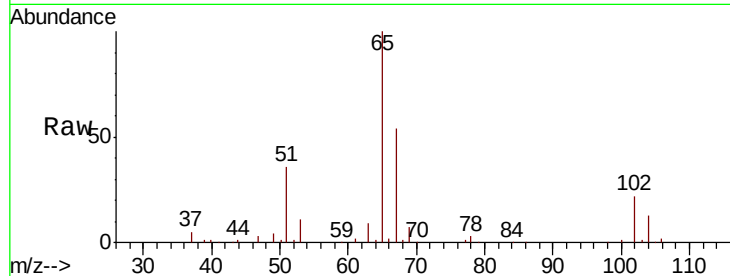




#33
 1,2-Dichloroethane-d4
 Concen: 62.282 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010465.D
 Acq: 20 May 2019 23:40

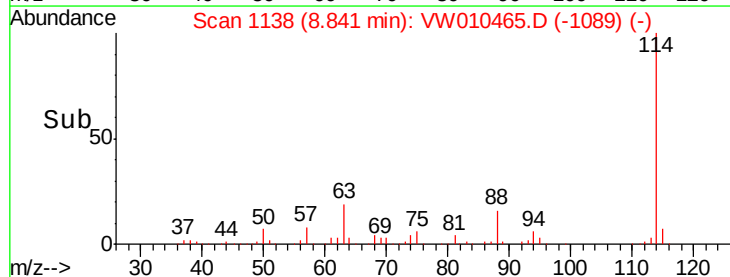
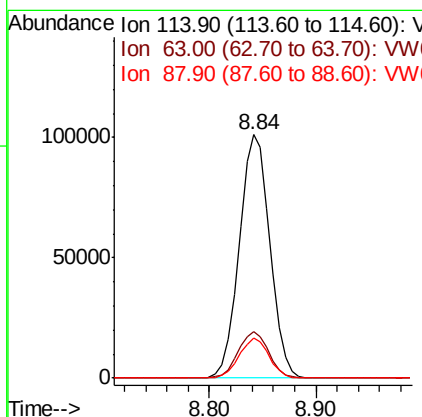
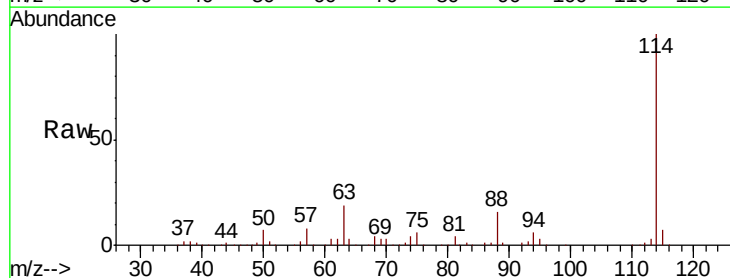
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-6(4.5-5)

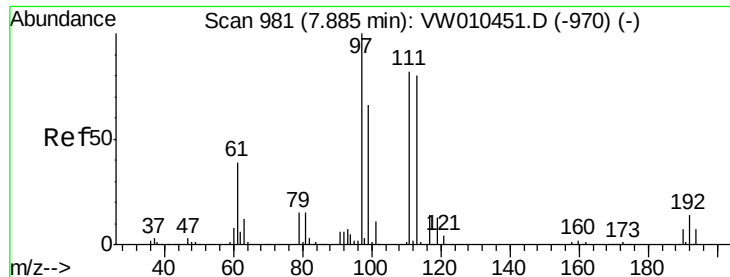
Tot Ion: 65 Resp: 69000
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#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





#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)

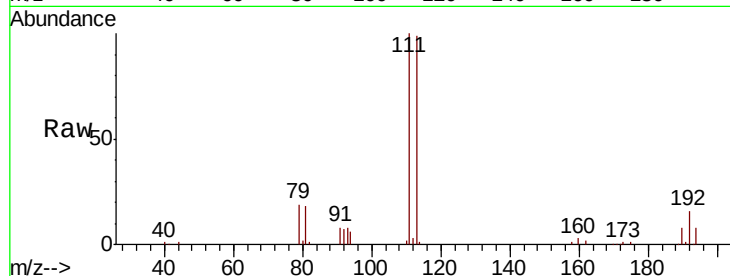
Tot Ion:113 Resp: 64284

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

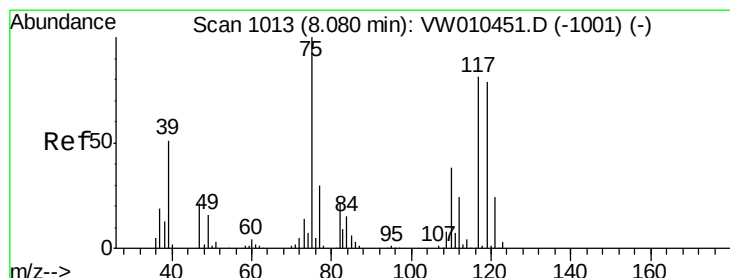
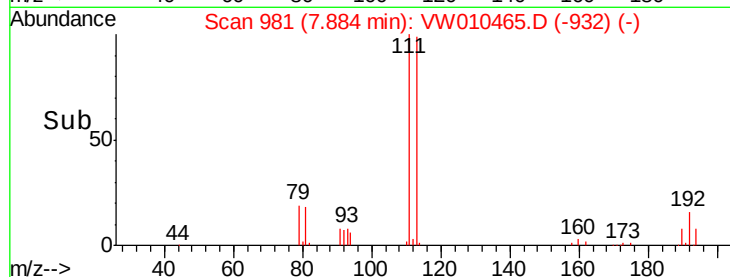
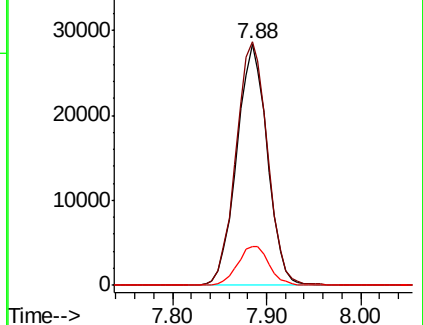
192 16.7 14.3 21.5



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



#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

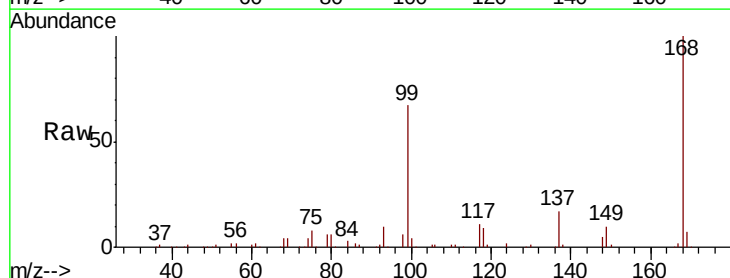
Tgt Ion: 75 Resp: 8680

Ion Ratio Lower Upper

75 100

110 10.7 19.2 57.6#

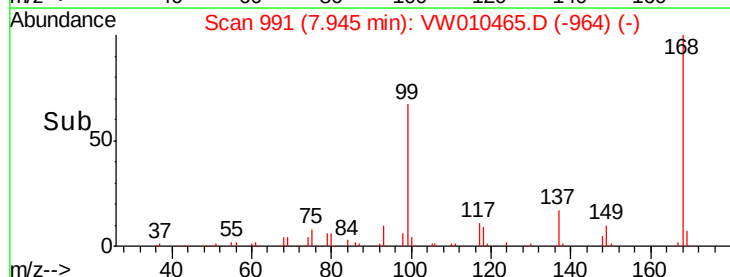
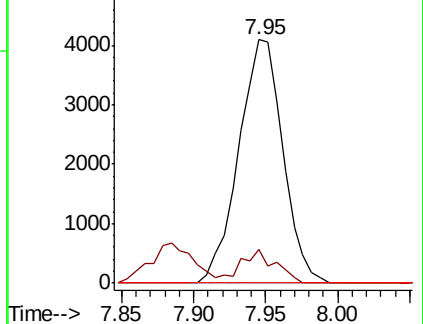
77 0.0 25.2 37.8#

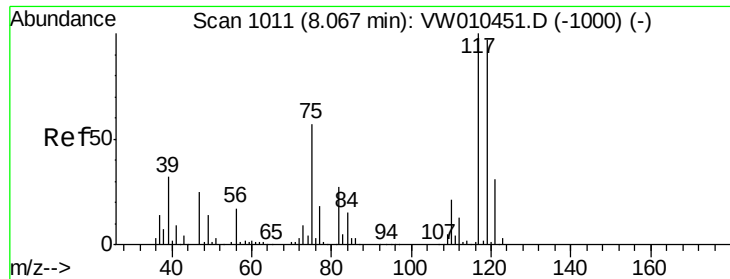


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

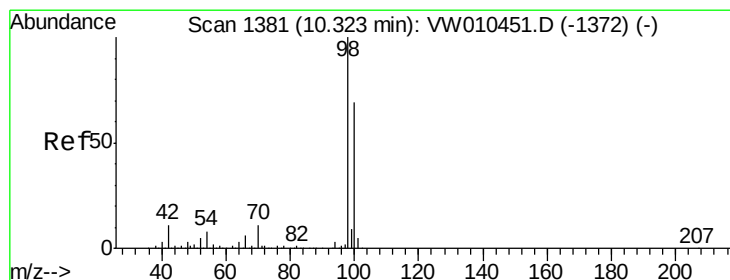
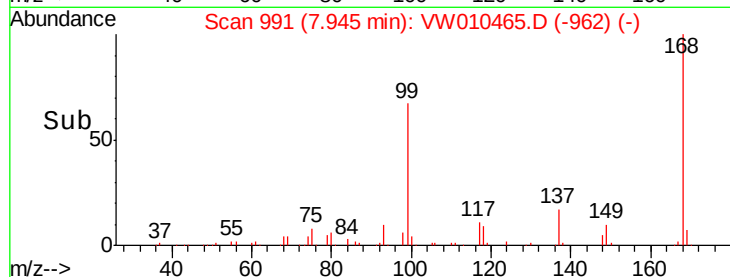
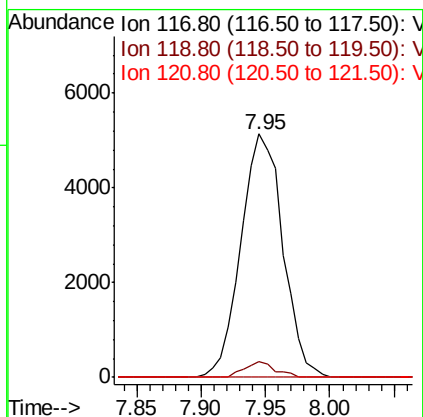
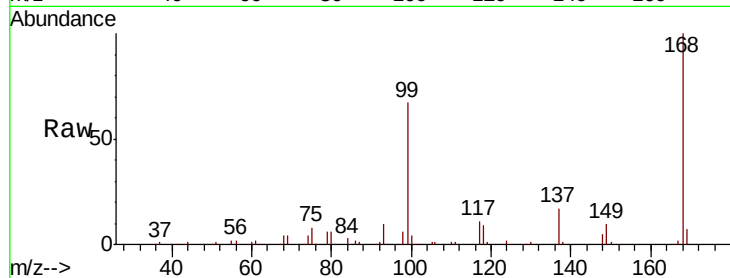




#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010465.D
Acq: 20 May 2019 23:40

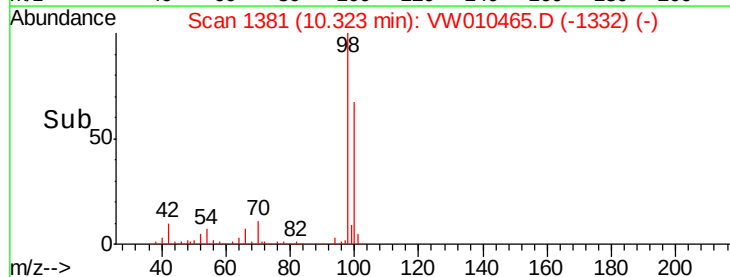
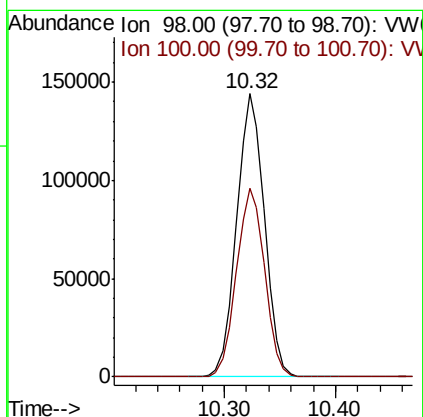
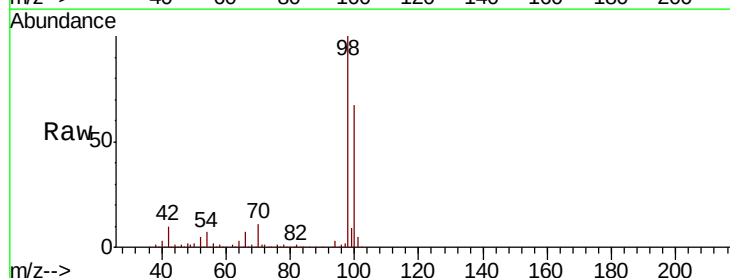
Instrument :
MSVOA_W
ClientSampleId :
FESB-6(4.5-5)

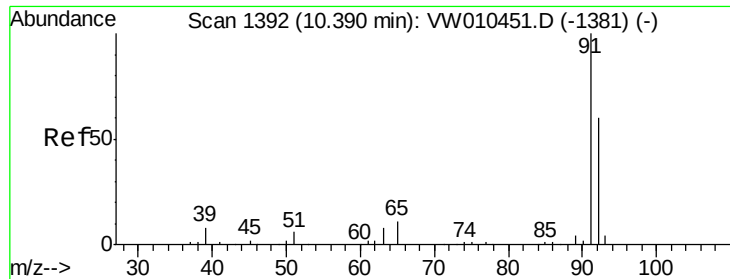
Tot Ion:117 Resp: 11570
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 25.0 37.6#



#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





#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 :

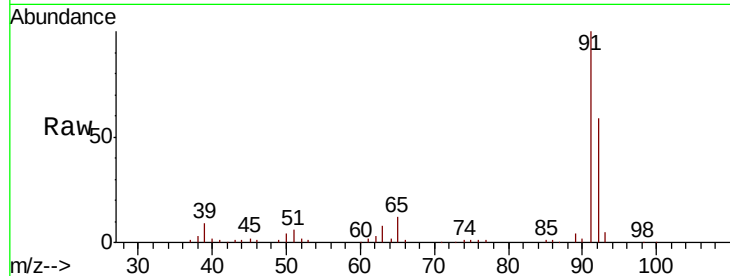
FESB-6(4.5-5)

Tot Ion: 92 Resp: 31697

Ion Ratio Lower Upper

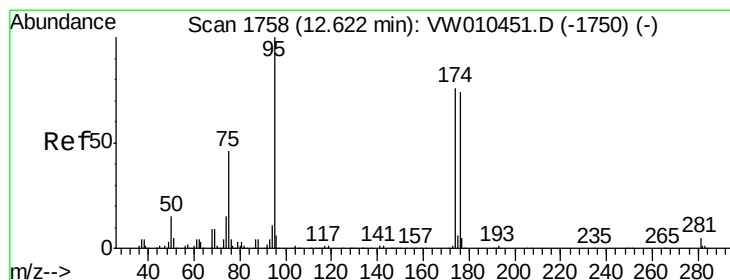
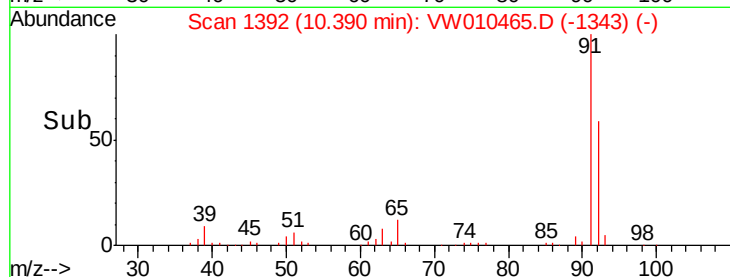
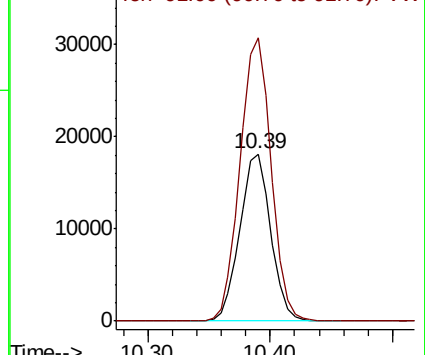
92 100

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

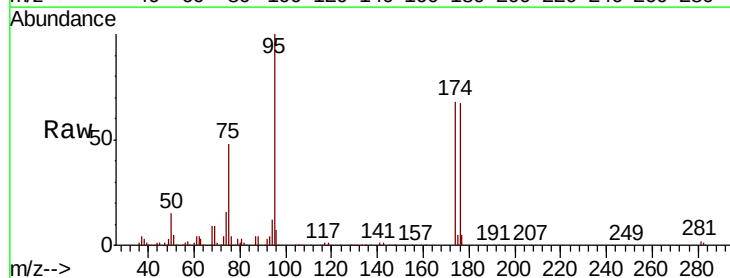
Tgt Ion: 95 Resp: 93532

Ion Ratio Lower Upper

95 100

174 67.2 0.0 148.6

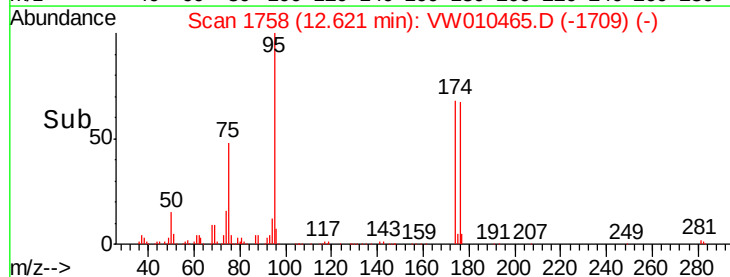
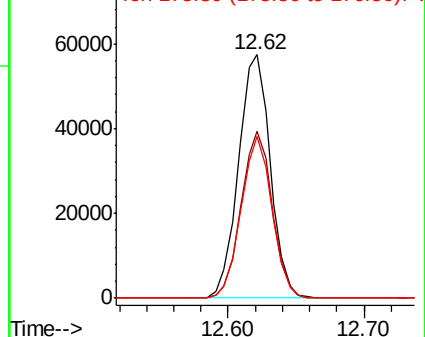
176 64.4 0.0 144.2

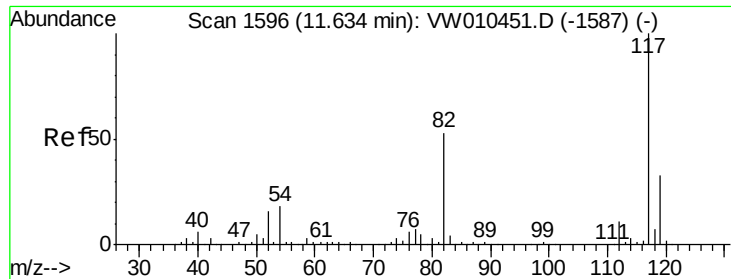


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

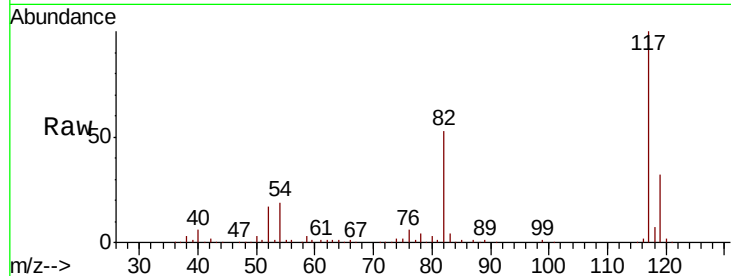




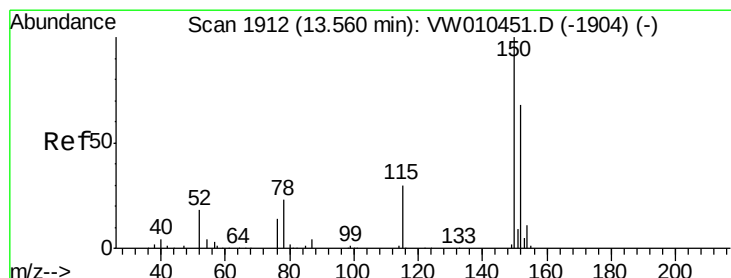
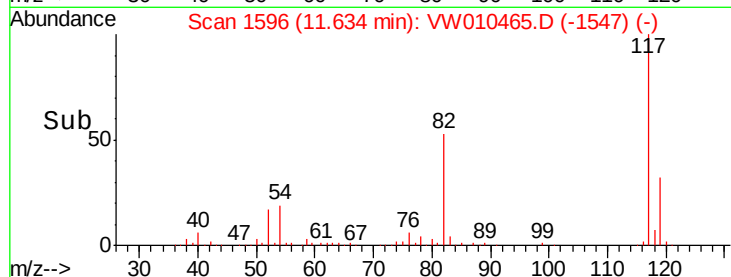
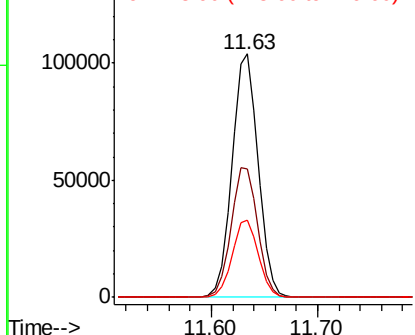
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010465.D
Acq: 20 May 2019 23:40

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

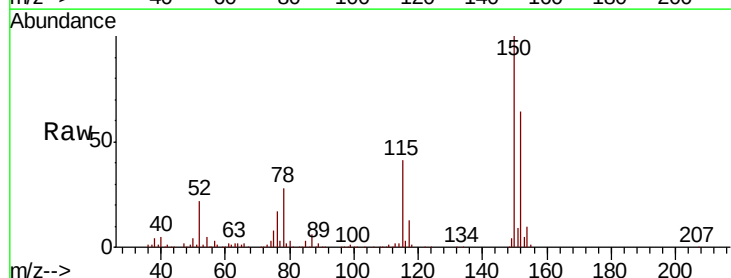


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

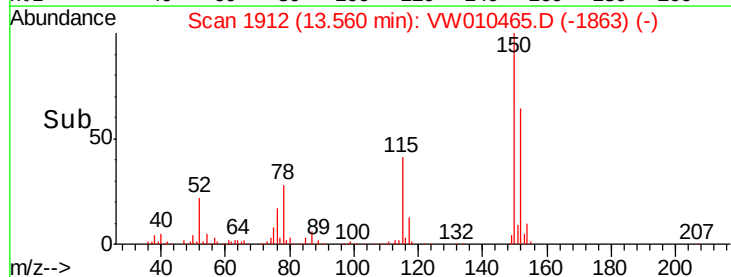
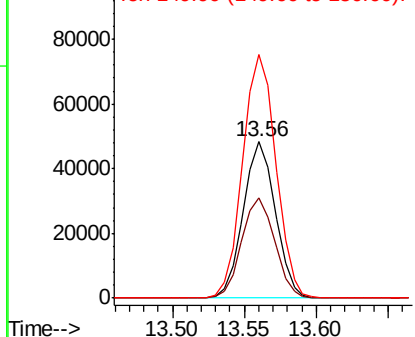


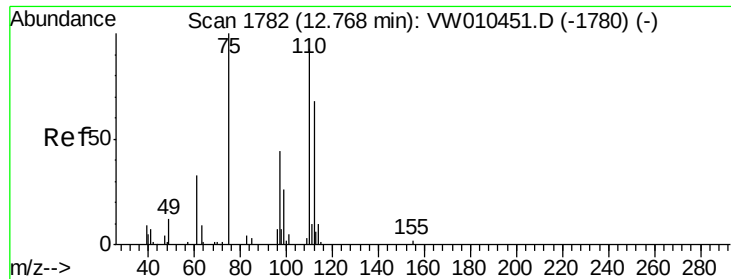
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010465.D
Acq: 20 May 2019 23:40

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





#76

1,2,3-Trichloropropane

Concen: 59.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

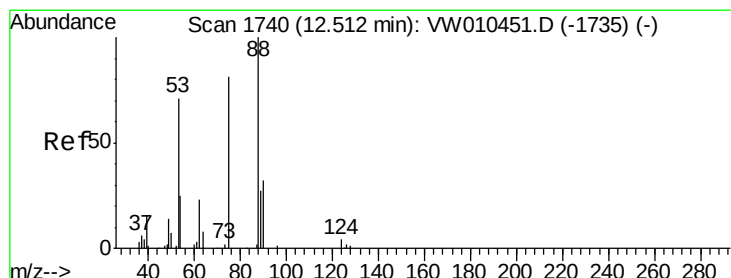
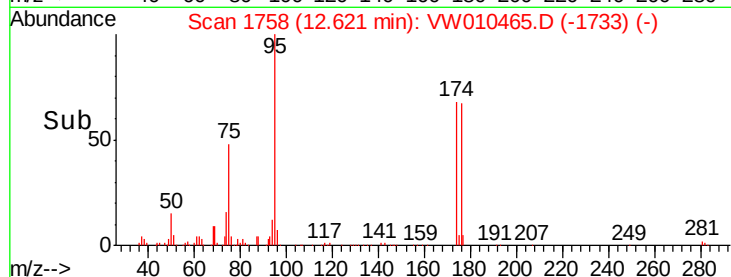
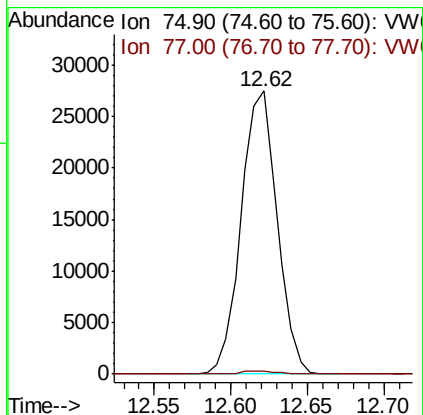
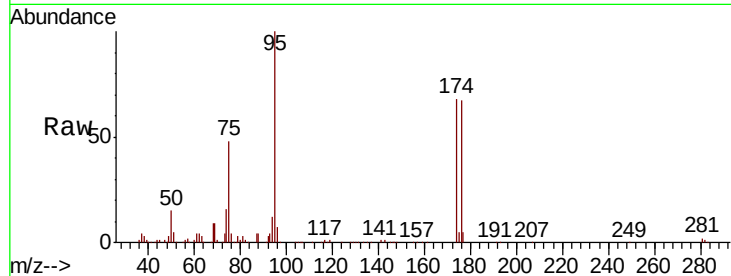
FESB-6(4.5-5)

Tot Ion: 75 Resp: 44862

Ion Ratio Lower Upper

75 100

77 0.9 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.169 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010465.D

Acq: 20 May 2019 23:40

Tgt Ion: 75 Resp: 44862

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

