

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010578.D
 Acq On : 28 May 2019 20:13
 Operator : SY/VA
 Sample : K3076-02
 Misc : 5.78G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-08(6.5-7)

Quant Time: May 29 07:04:01 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

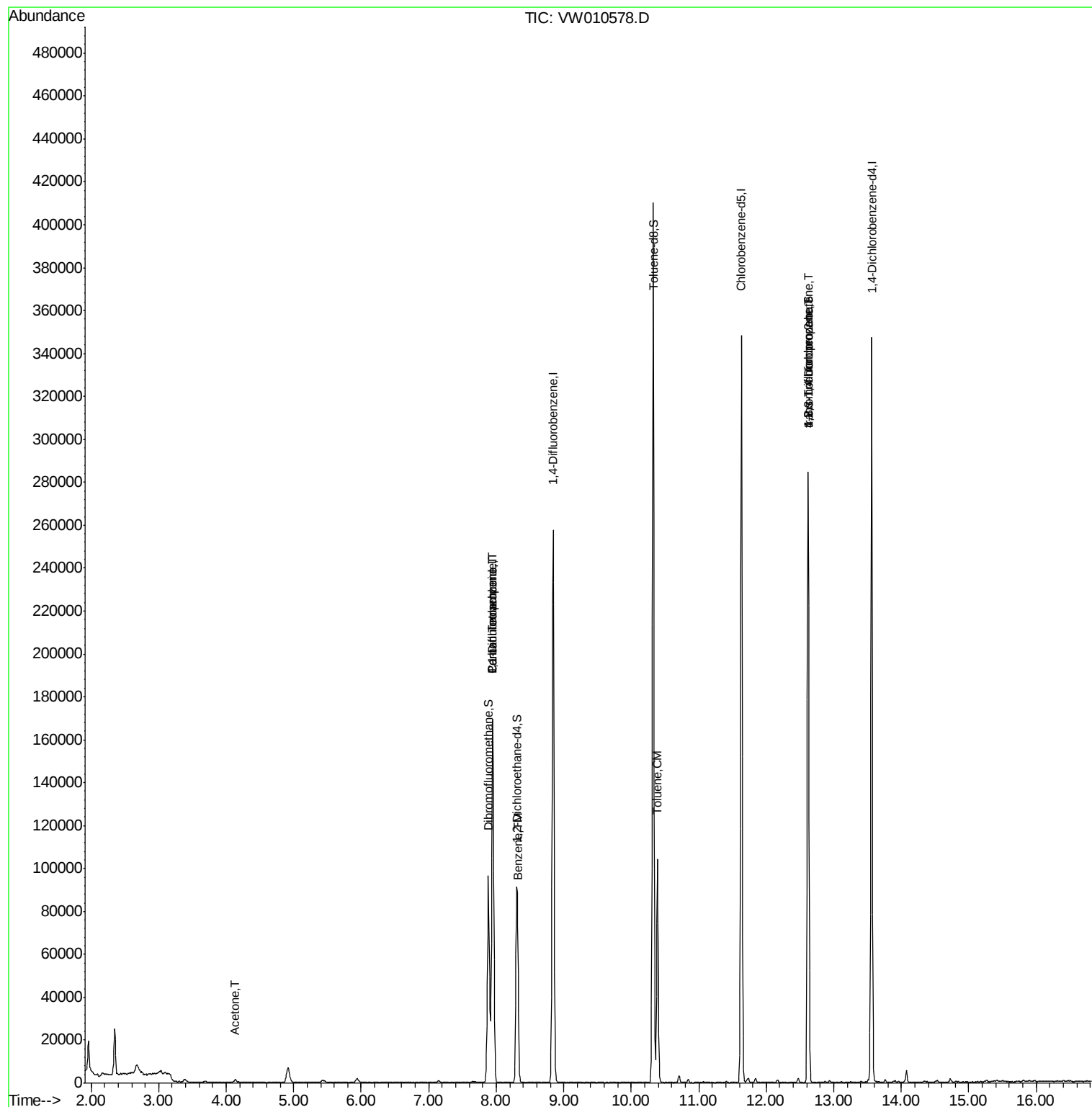
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	230787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	205006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70816	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	69078	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.32	98	281293	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	104764	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
Target Compounds						
16) Acetone	4.13	43	2236	8.306	ug/l	97
20) Methylene Chloride	4.92	84	6013	Below Cal		91
36) 1,1-Dichloropropene	7.95	75	9428	4.385	ug/l #	47
38) Carbon Tetrachloride	7.95	117	13315	5.741	ug/l #	15
40) Benzene	8.32	78	7615	1.274	ug/l	99
52) Toluene	10.39	92	47369	11.804	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	48345	52.586	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48345	109.749	ug/l #	14

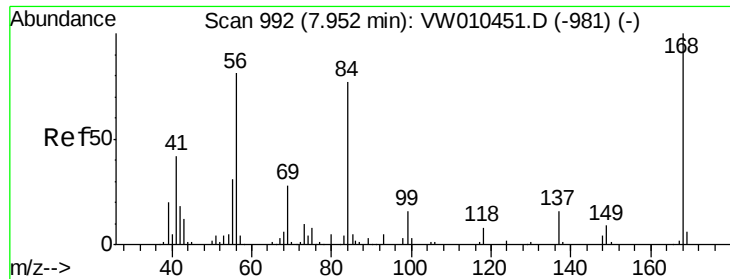
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
Data File : VW010578.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-08(6.5-7)

Quant Time: May 29 07:04:01 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# 991

Delta R.T. -0.01 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

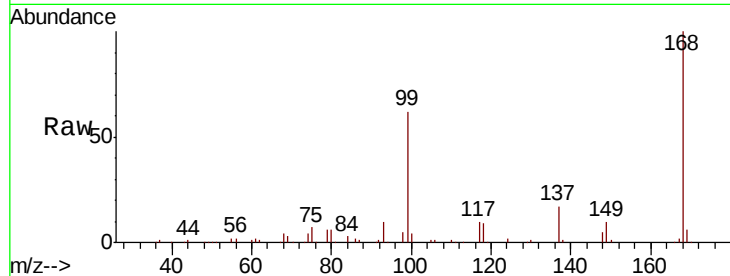
FESB-08(6.5-7)

Tot Ion:168 Resp: 127774

Ion Ratio Lower Upper

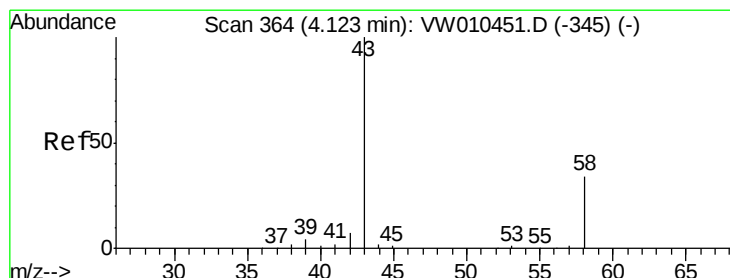
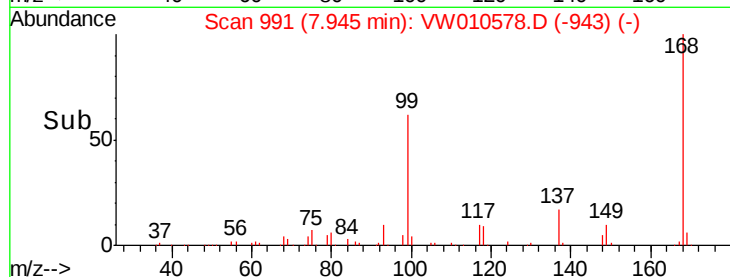
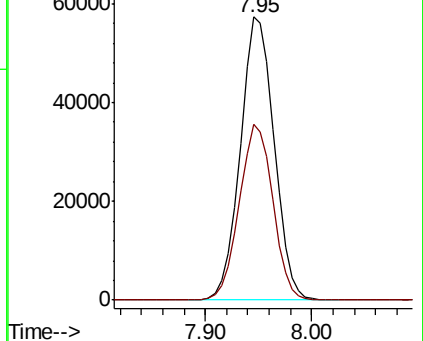
168 100

99 62.1 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: 8.306 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010578.D

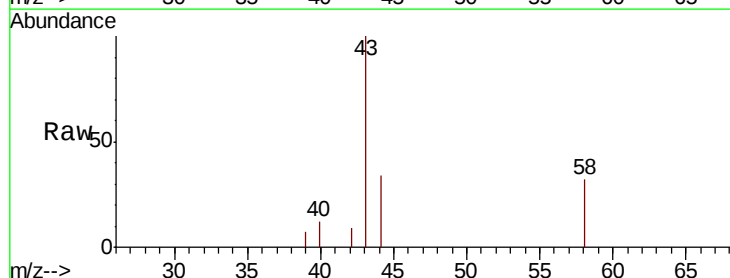
Acq: 28 May 2019 20:13

Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

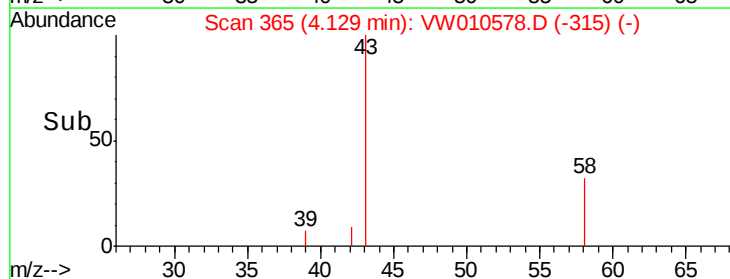
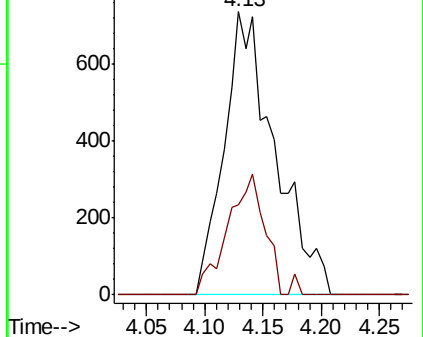
43 100

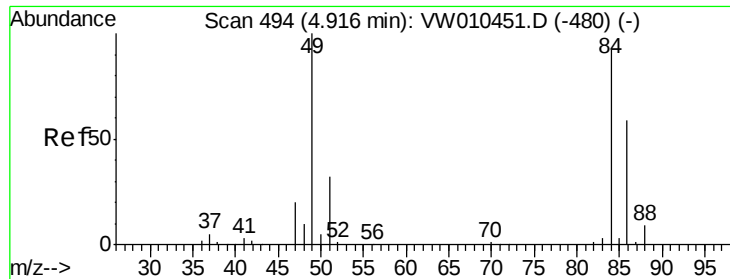
58 31.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

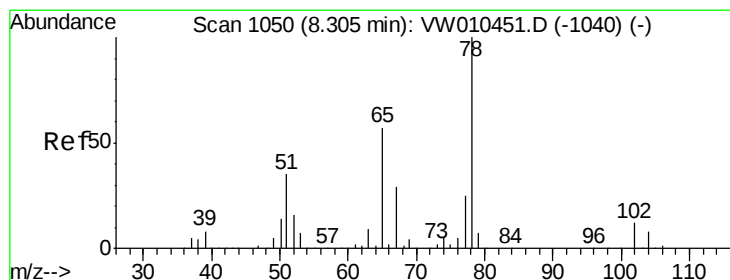
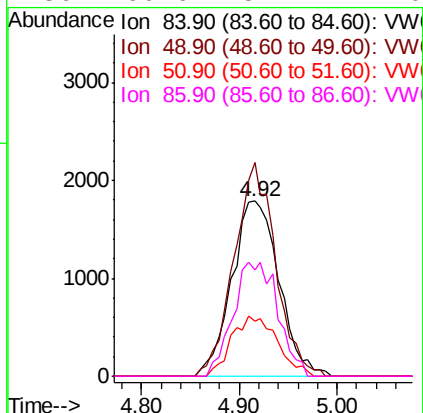
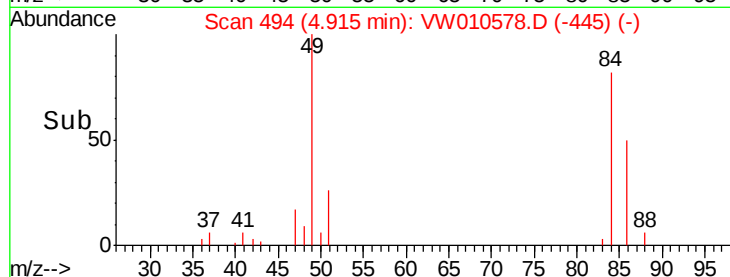
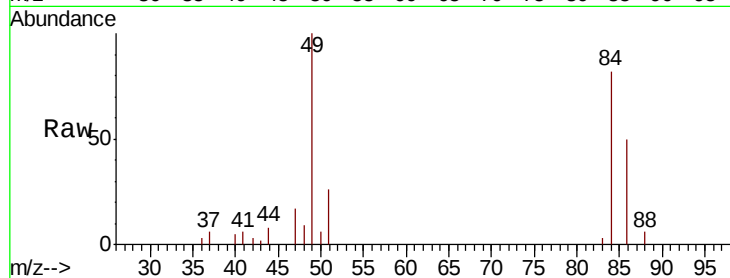




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010578.D
Acq: 28 May 2019 20:13

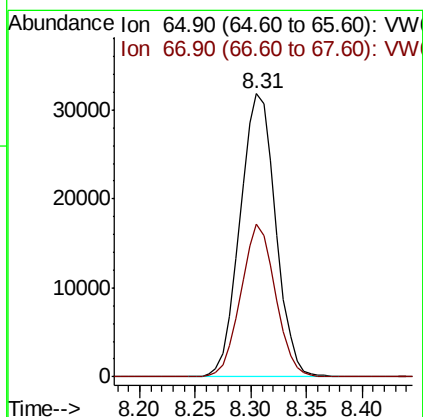
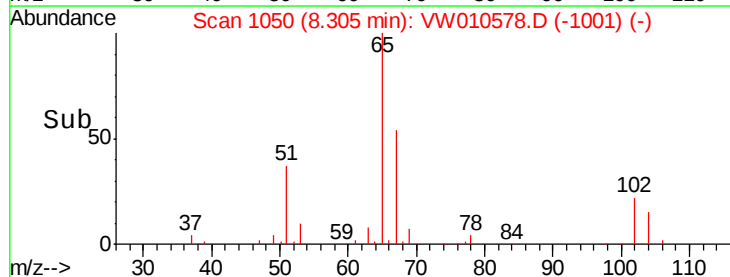
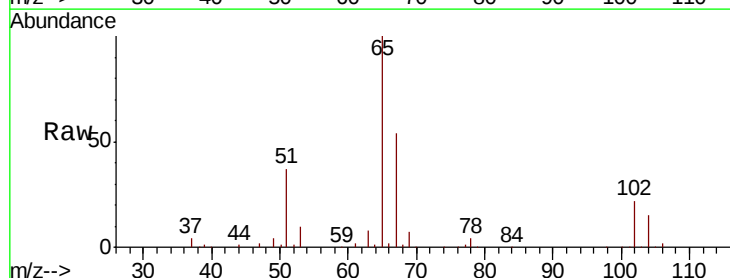
Instrument :
MSVOA_W
ClientSampleId :
FESB-08(6.5-7)

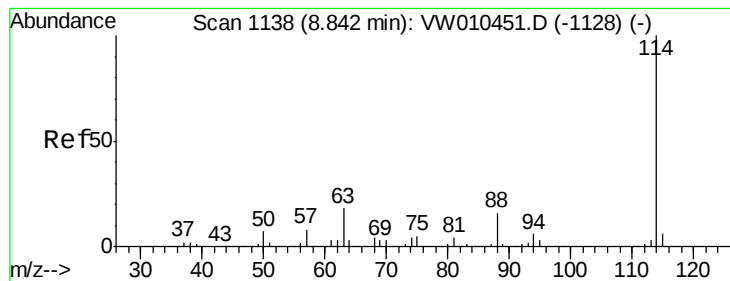
Tot Ion: 84 Resp: 6013
Ion Ratio Lower Upper
84 100
49 122.0 87.2 130.8
51 31.5 27.7 41.5
86 60.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.695 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010578.D
Acq: 28 May 2019 20:13

Tgt Ion: 65 Resp: 70816
Ion Ratio Lower Upper
65 100
67 52.4 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: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

FESB-08(6.5-7)

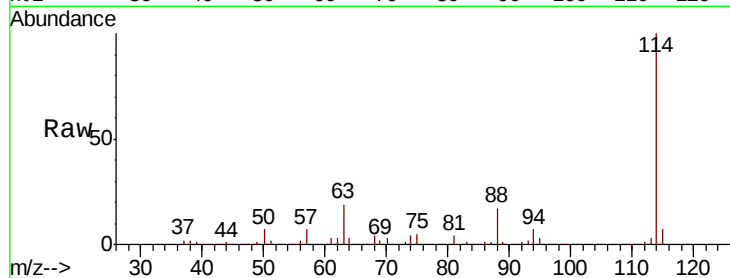
Tot Ion:114 Resp: 230787

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.0

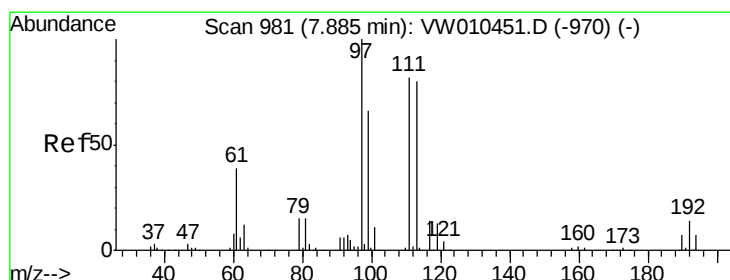
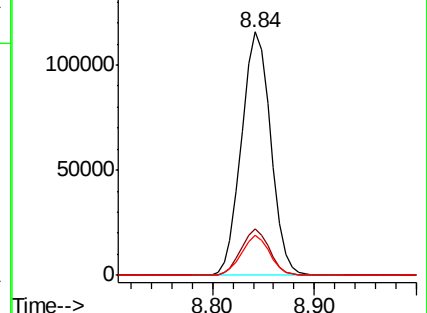
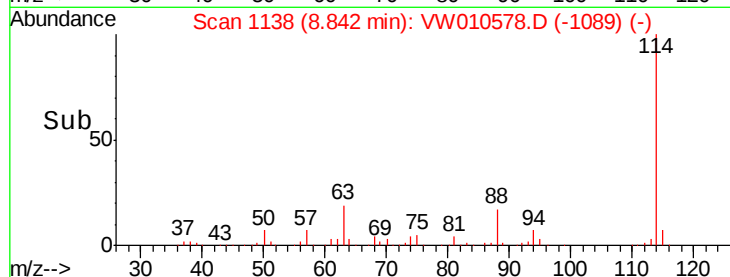
88 16.7 0.0 32.0



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: 49.328 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

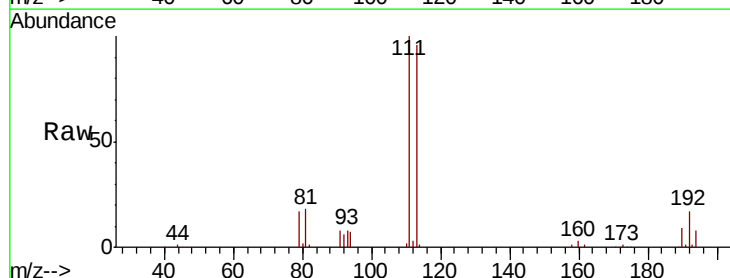
Tgt Ion:113 Resp: 69078

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

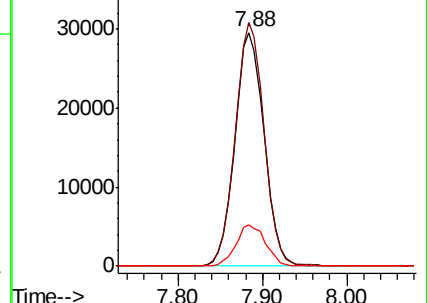
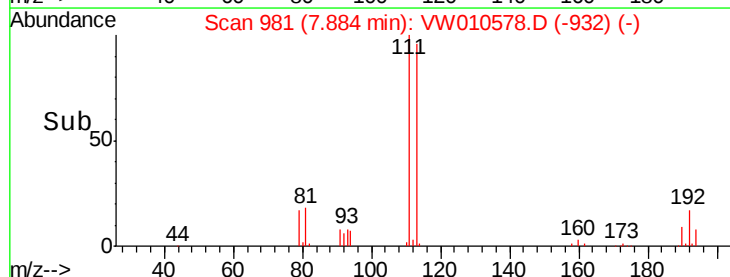
192 17.7 14.3 21.5

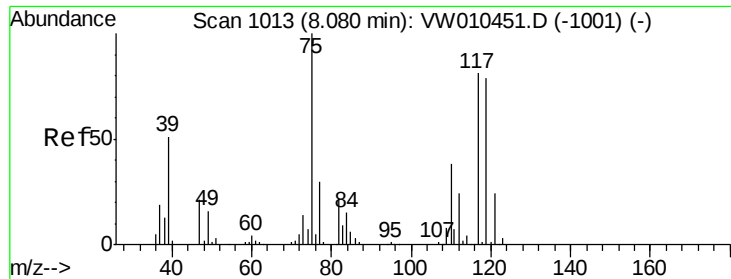


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

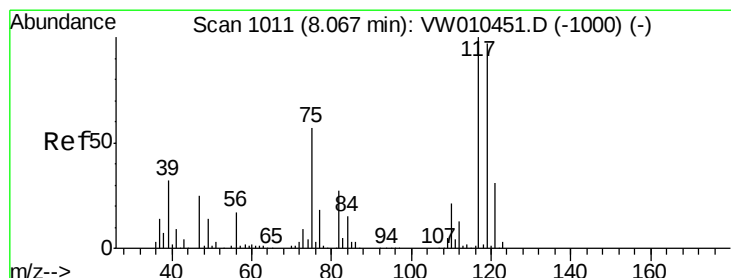
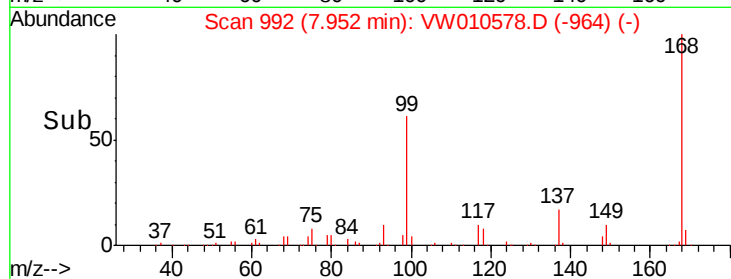
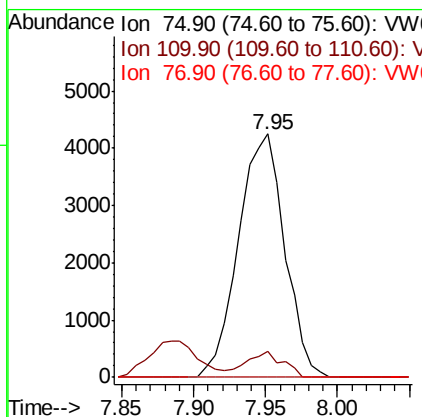
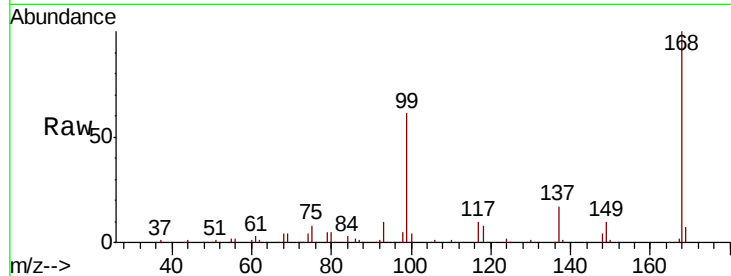




#36
 1,1-Dichloropropene
 Concen: 4.385 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010578.D
 Acq: 28 May 2019 20:13

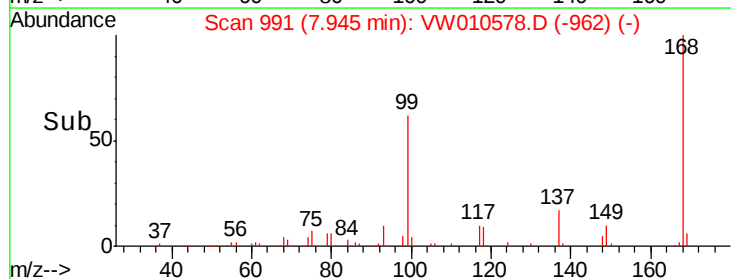
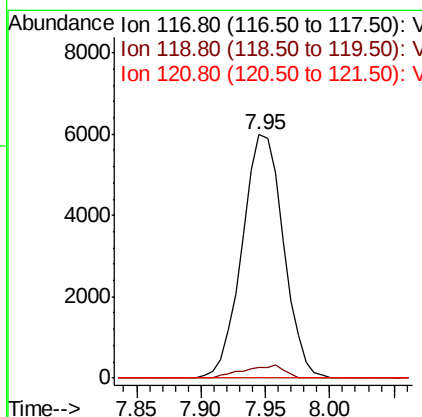
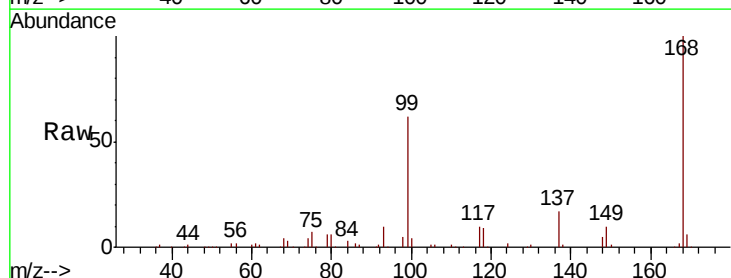
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-08(6.5-7)

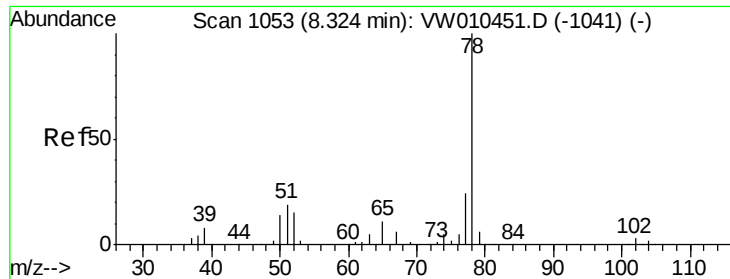
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.741 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010578.D
 Acq: 28 May 2019 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.4	116.0#
121	0.0	25.0	37.6#





#40

Benzene

Concen: 1.274 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

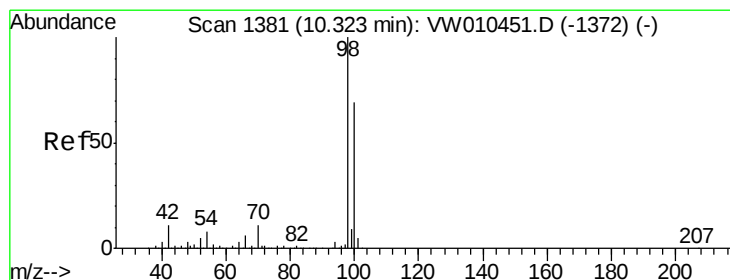
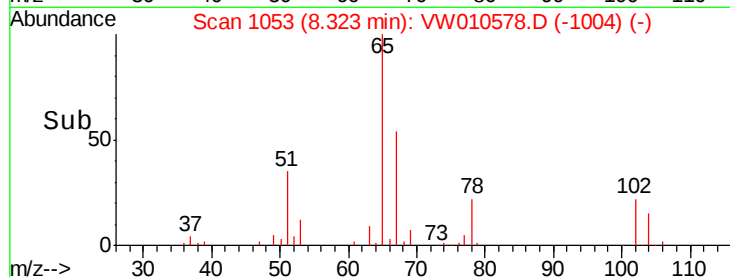
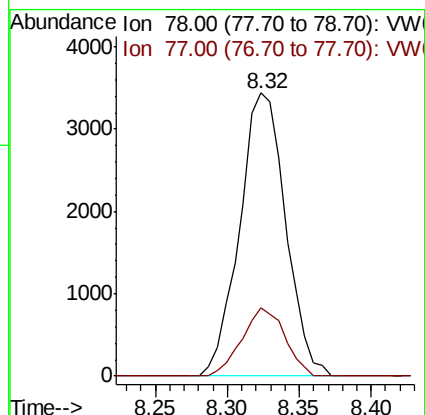
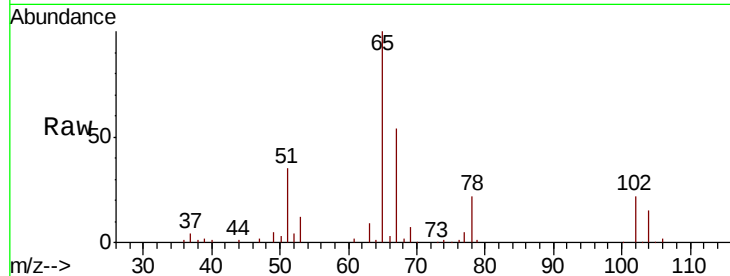
Instrument :
MSVOA_W
ClientSampleId :
FESB-08(6.5-7)

Tot Ion: 78 Resp: 7615

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3



#50

Toluene-d8

Concen: 52.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010578.D

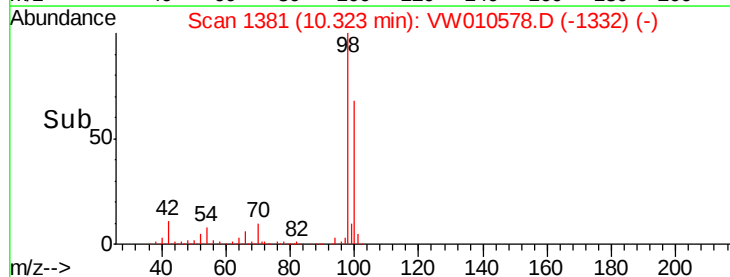
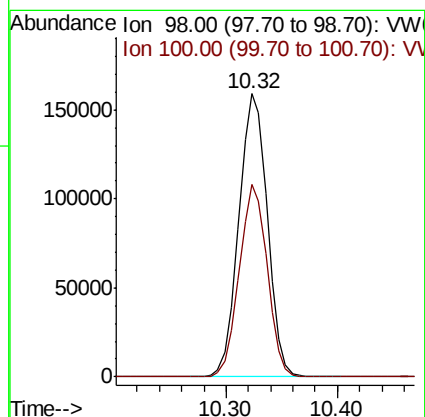
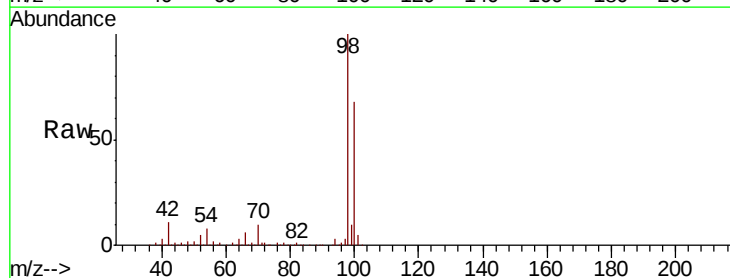
Acq: 28 May 2019 20:13

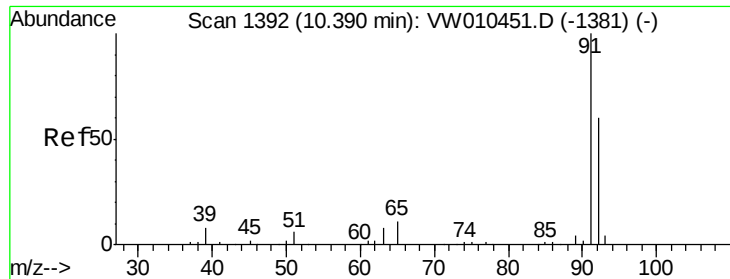
Tgt Ion: 98 Resp: 281293

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5





#52

Toluene

Concen: 11.804 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

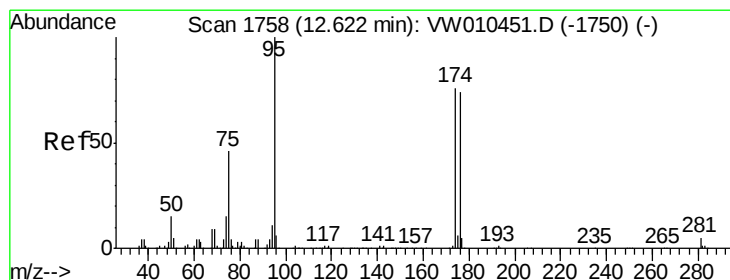
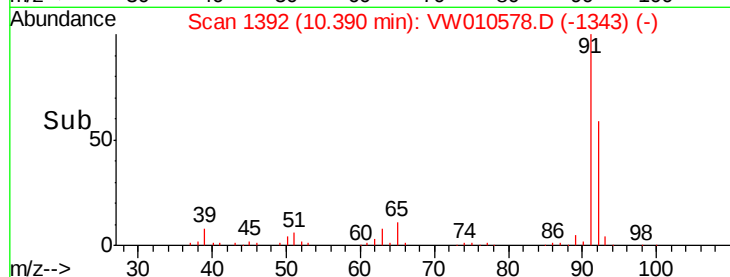
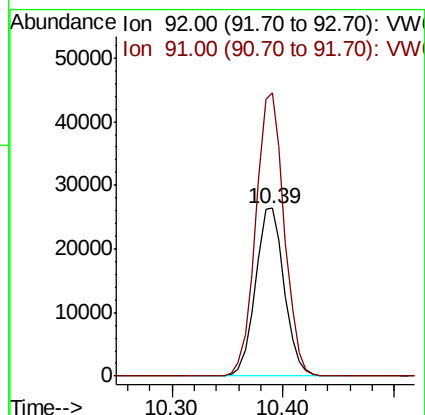
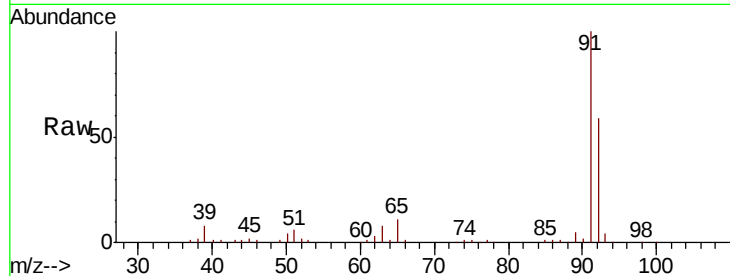
FESB-08(6.5-7)

Tot Ion: 92 Resp: 47369

Ion Ratio Lower Upper

92 100

91 167.6 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 49.165 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

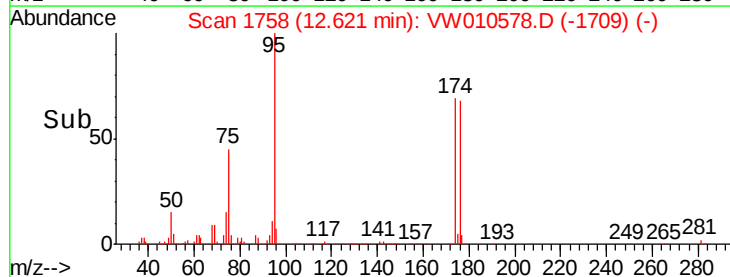
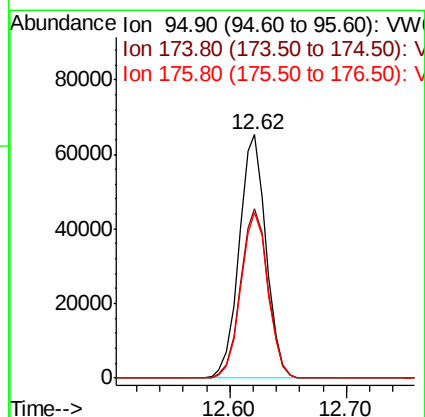
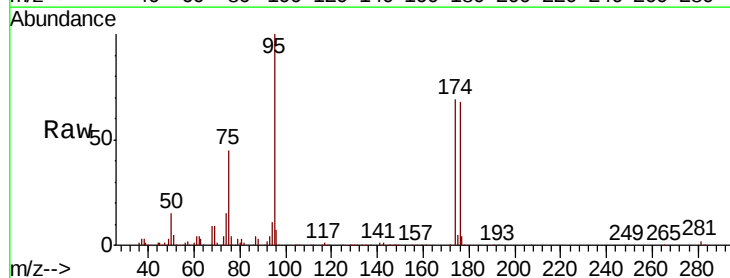
Tgt Ion: 95 Resp: 104764

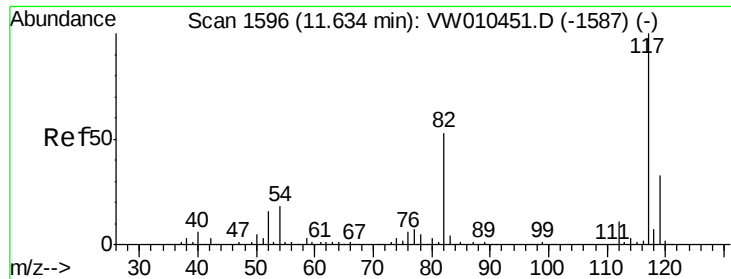
Ion Ratio Lower Upper

95 100

174 71.1 0.0 148.6

176 68.9 0.0 144.2

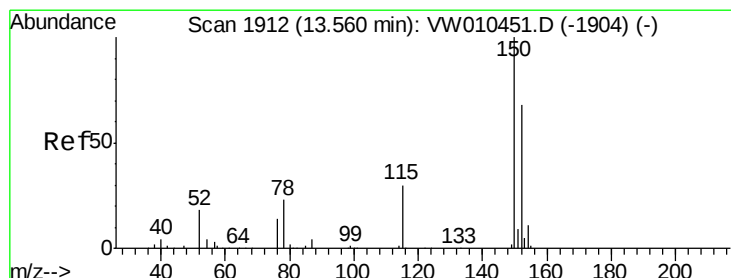
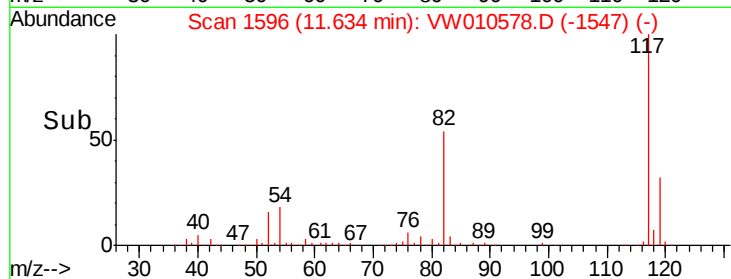
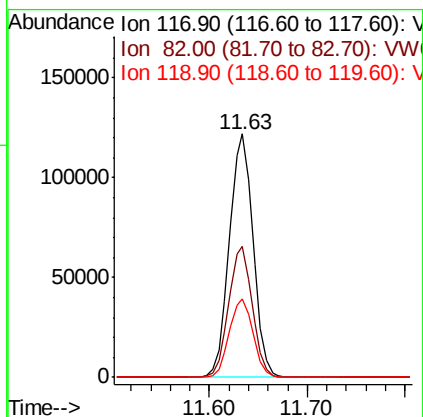
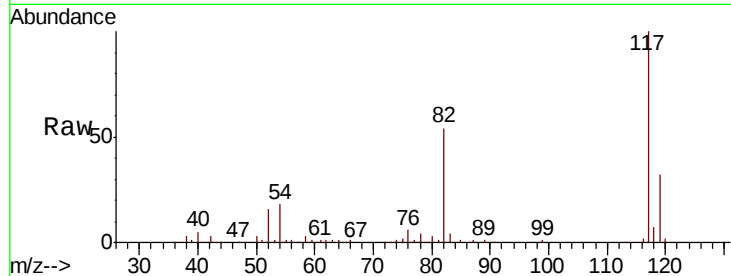




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010578.D
Acq: 28 May 2019 20:13

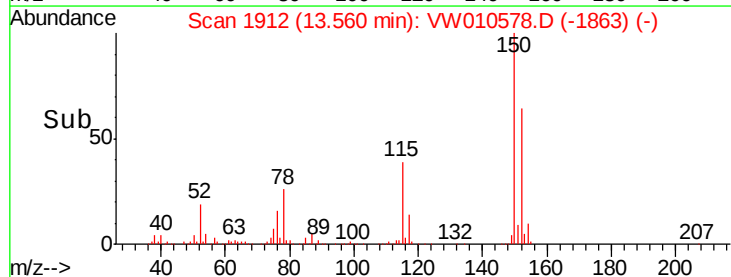
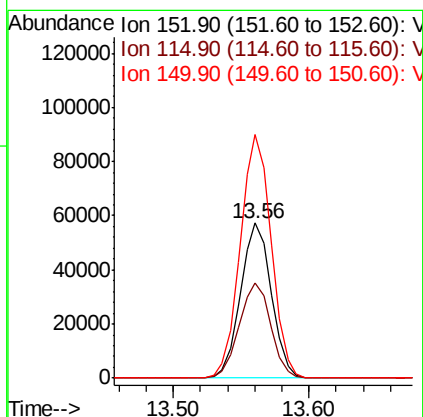
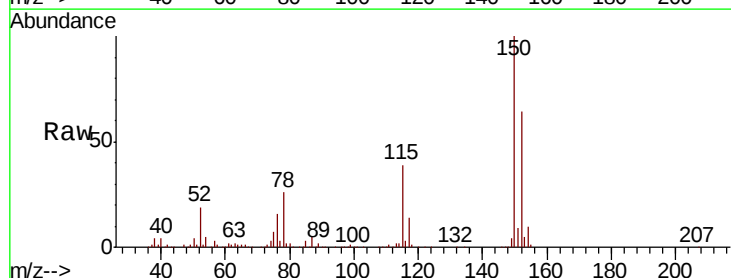
Instrument :
MSVOA_W
ClientSampleId :
FESB-08(6.5-7)

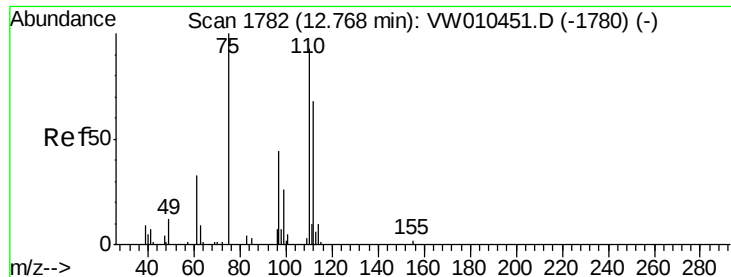
Tot Ion:117 Resp: 205006
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010578.D
Acq: 28 May 2019 20:13

Tgt Ion:152 Resp: 90570
Ion Ratio Lower Upper
152 100
115 62.6 30.3 91.0
150 157.7 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 52.586 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_W

ClientSampleId :

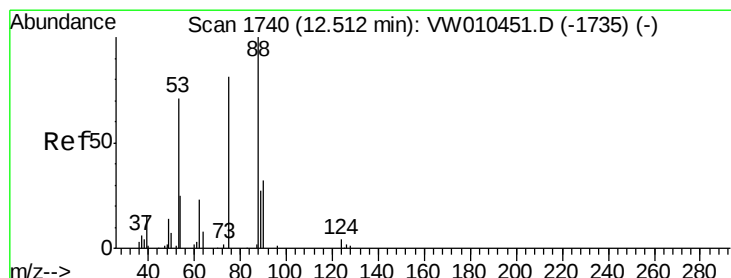
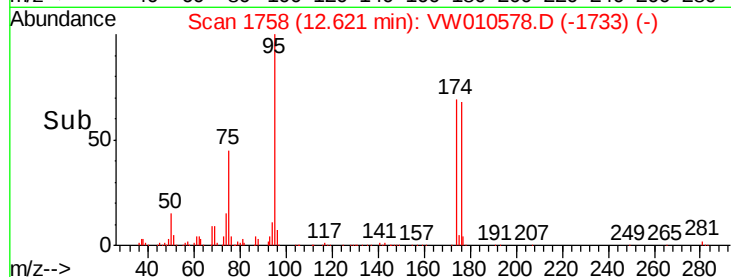
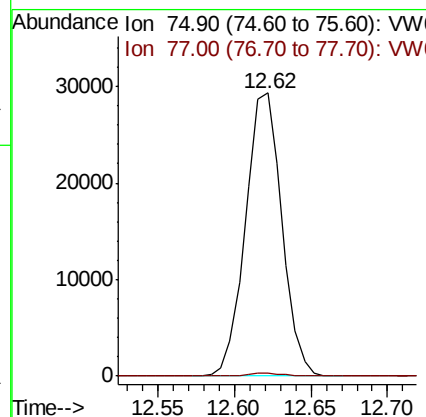
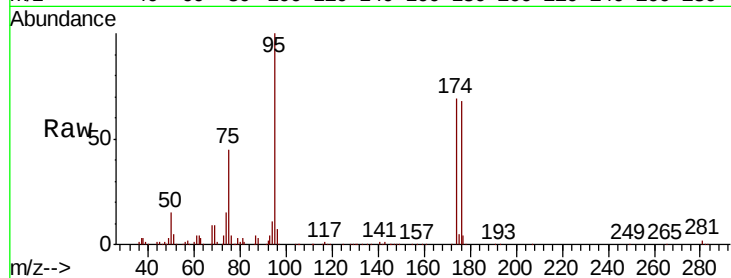
FESB-08(6.5-7)

Tot Ion: 75 Resp: 48345

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.749 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010578.D

Acq: 28 May 2019 20:13

Tgt Ion: 75 Resp: 48345

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

