

Data File : VW010484.D
Acq On : 21 May 2019 13:46
Operator : SY/VA
Sample : K2966-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-15(1.2-1.7)

Quant Time: May 22 06:42:38 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	117693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	226672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72271	59.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.98%	
35) Dibromofluoromethane	7.88	113	70900	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	276523	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	101190	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

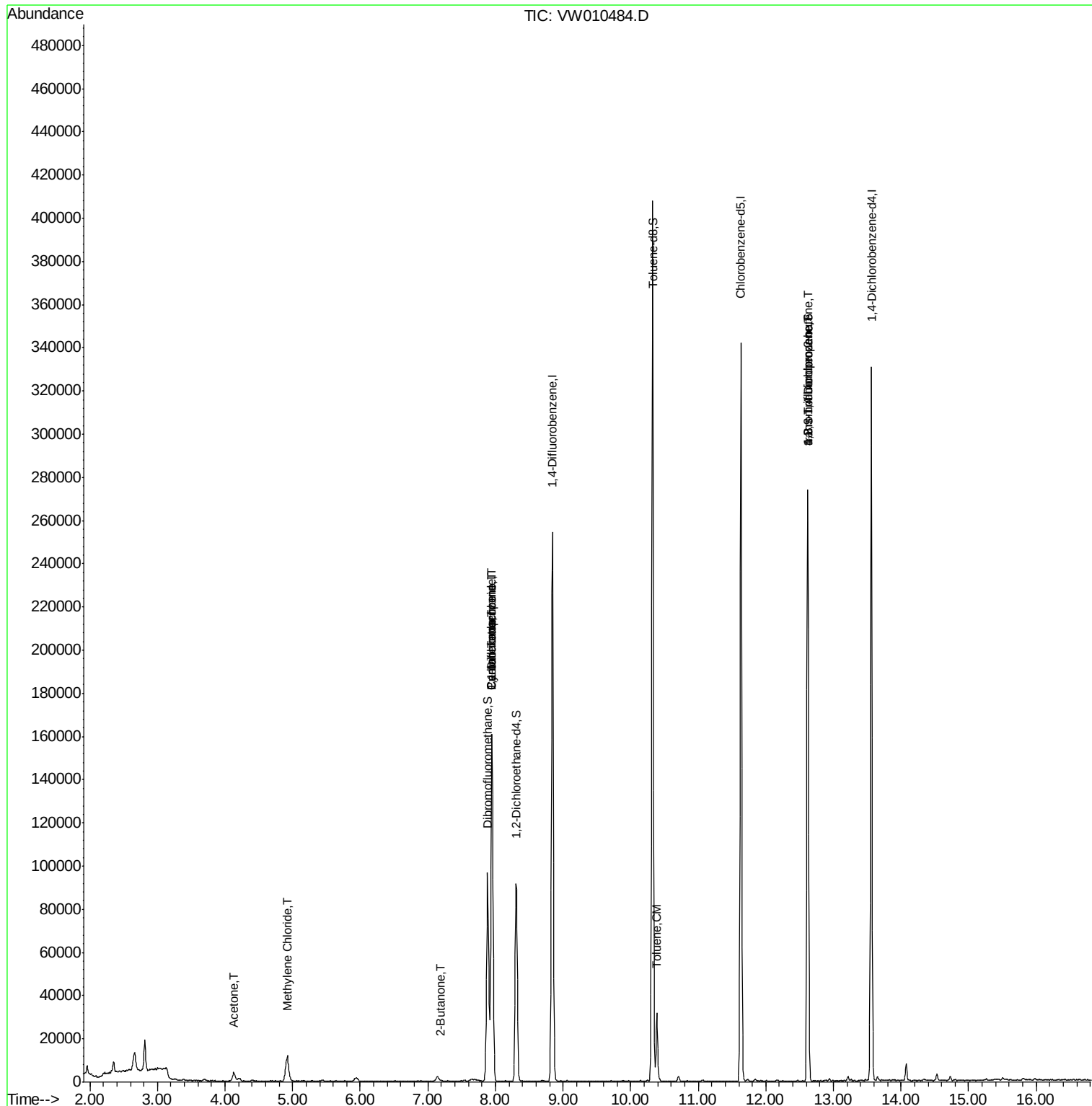
Target Compounds			Qvalue			
13) Acrolein	3.91	56	20	Below Cal	#	73
16) Acetone	4.13	43	7828	31.569	ug/l	91
20) Methylene Chloride	4.92	84	9464	1.595	ug/l	96
25) 2-Butanone	7.19	43	403	1.136	ug/l #	45
31) Cyclohexane	7.95	56	2443	1.059	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	9556	4.526	ug/l #	47
38) Carbon Tetrachloride	7.95	117	12963	5.691	ug/l #	15
52) Toluene	10.39	92	14019	3.557	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	48355	56.520	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48355	117.959	ug/l #	14

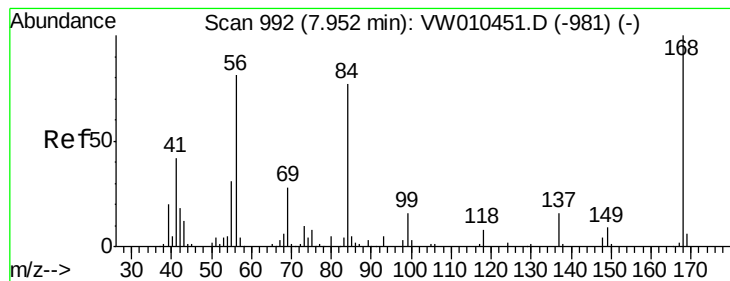
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010484.D
Acq On : 21 May 2019 13:46
Operator : SY/VA
Sample : K2966-03
Misc : 6.21G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-15(1.2-1.7)

Quant Time: May 22 06:42:38 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

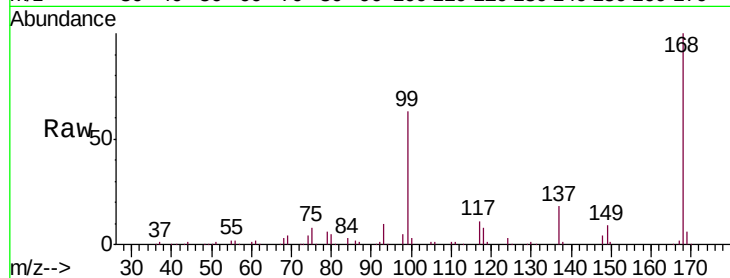
FESB-15(1.2-1.7)

Tgt Ion:168 Resp: 117693

Ion Ratio Lower Upper

168 100

99 63.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

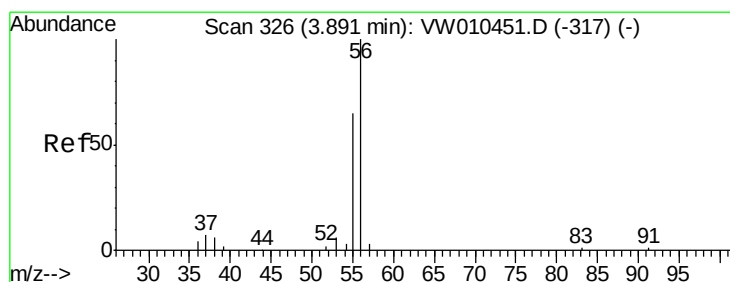
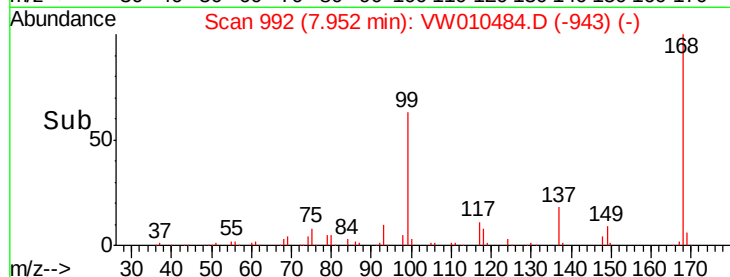
20000

10000

0

Time-->

7.90 8.00 8.10



#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW010484.D

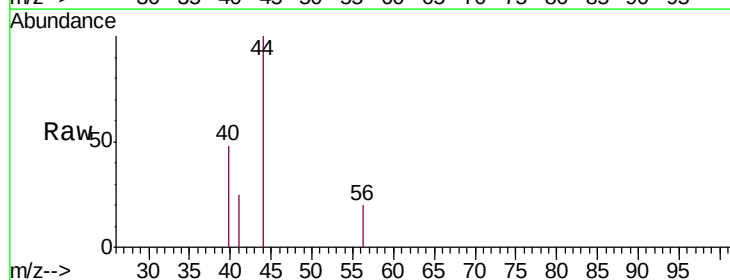
Acq: 21 May 2019 13:46

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 95.0 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.91

60

50

40

30

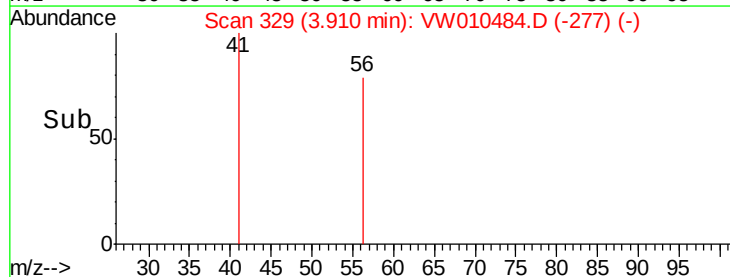
20

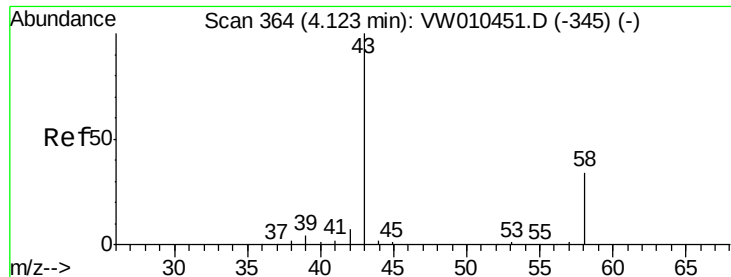
10

0

Time-->

3.89 3.90 3.91 3.92 3.93





#16

Acetone

Concen: 31.569 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

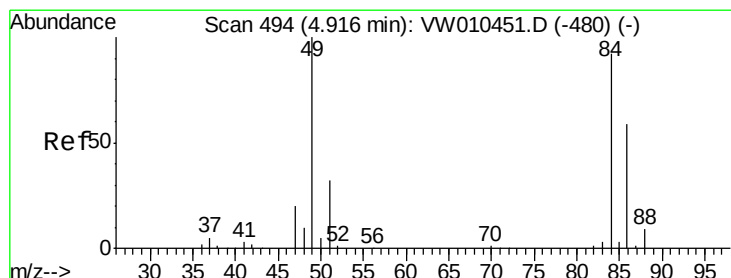
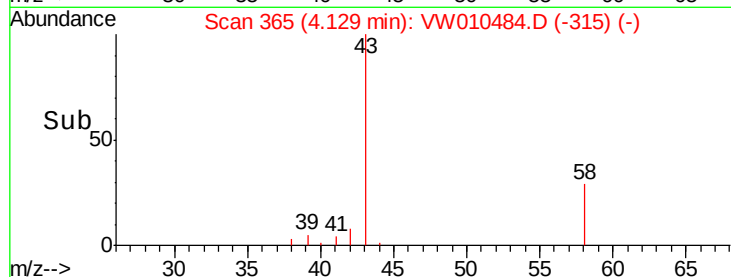
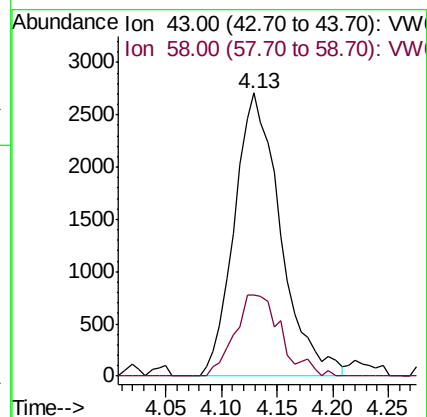
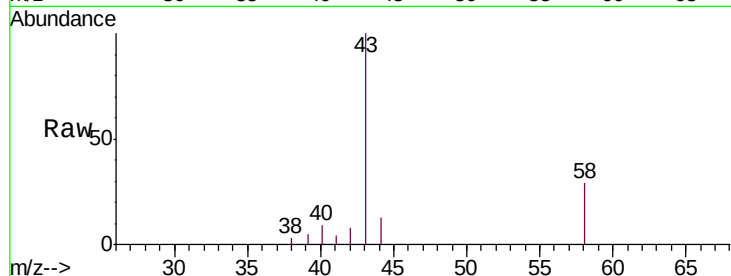
FESB-15(1.2-1.7)

Tgt Ion: 43 Resp: 7828

Ion Ratio Lower Upper

43 100

58 28.6 27.0 40.4



#20

Methylene Chloride

Concen: 1.595 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Tgt Ion: 84 Resp: 9464

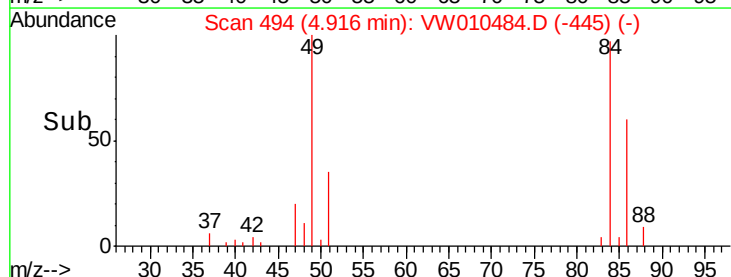
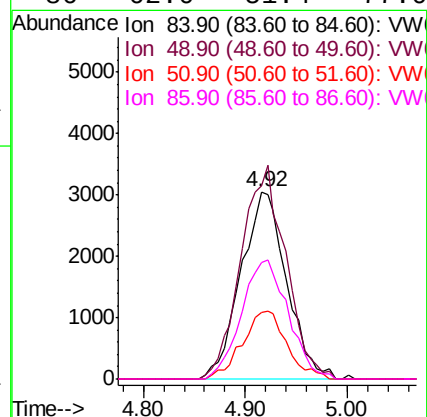
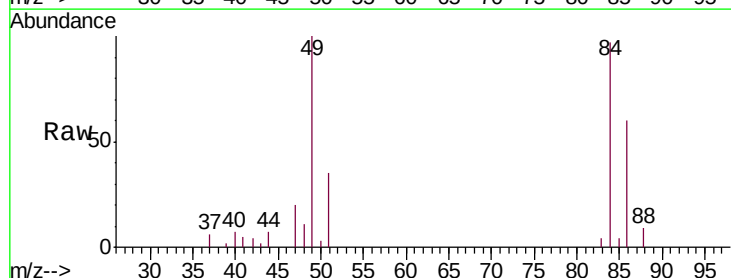
Ion Ratio Lower Upper

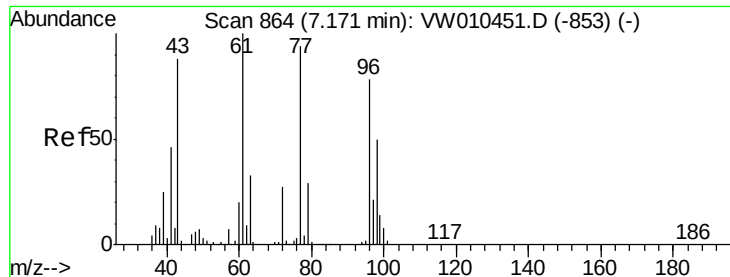
84 100

49 103.5 87.2 130.8

51 35.7 27.7 41.5

86 62.0 51.4 77.0





#25

2-Butanone

Concen: 1.136 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

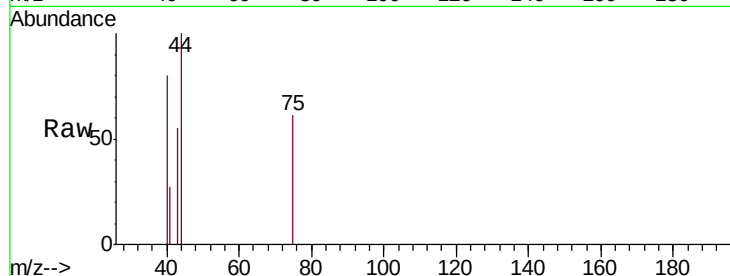
FESB-15(1.2-1.7)

Tgt Ion: 43 Resp: 403

Ion Ratio Lower Upper

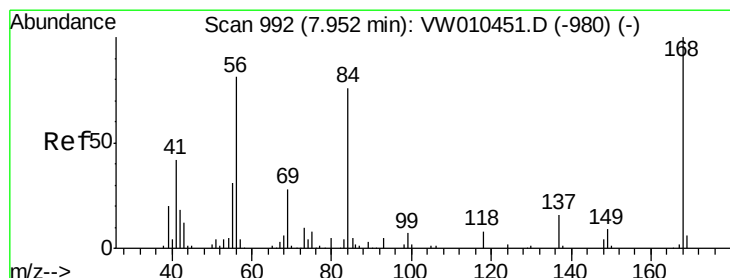
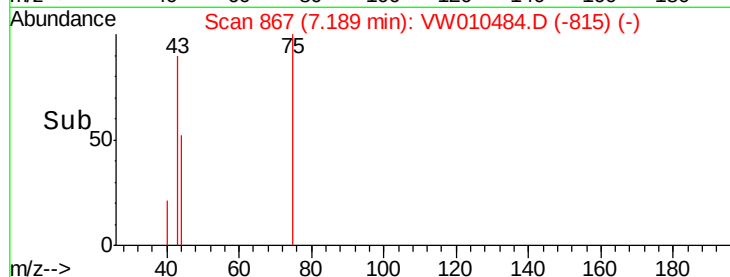
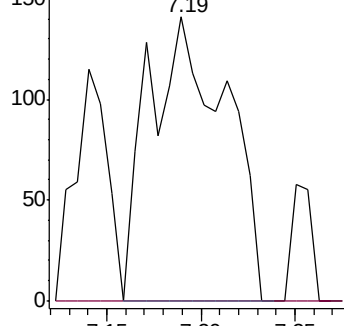
43 100

72 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

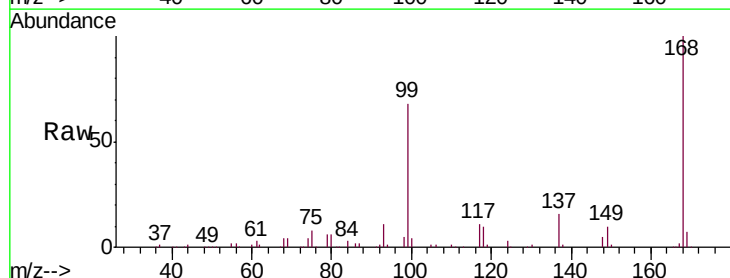
Tgt Ion: 56 Resp: 2443

Ion Ratio Lower Upper

56 100

69 173.6 28.2 42.2#

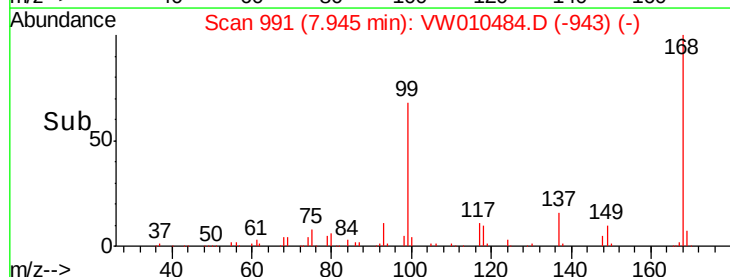
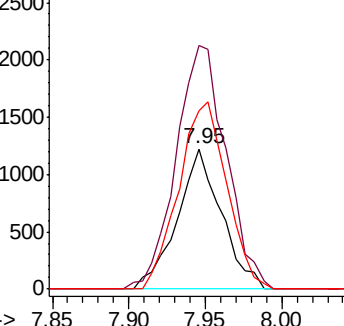
84 127.2 75.8 113.8#

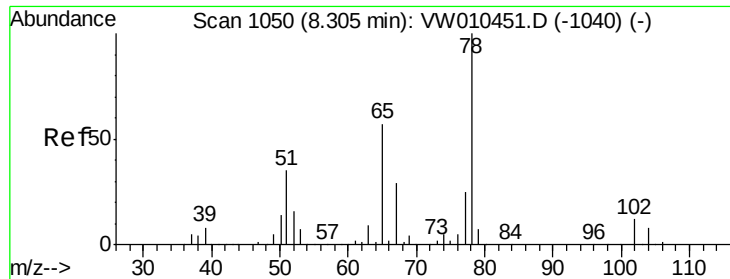


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

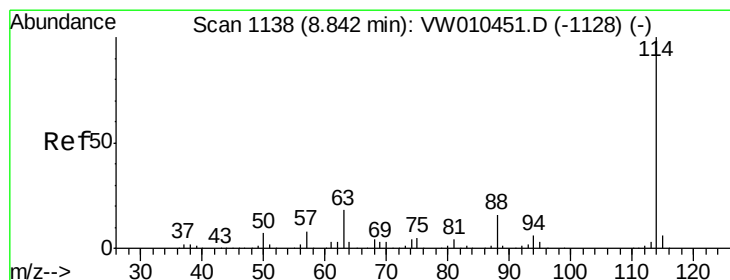
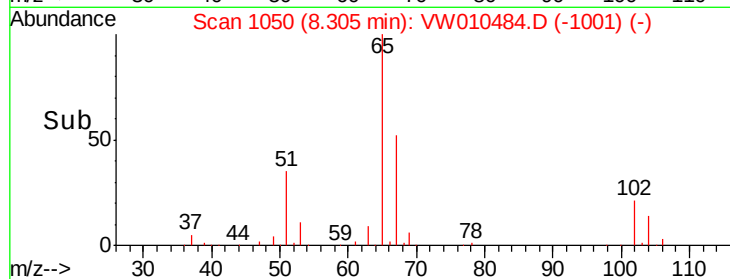
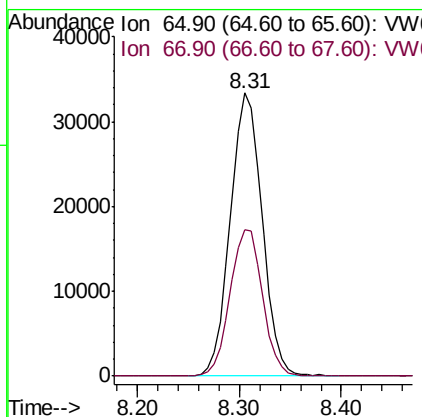
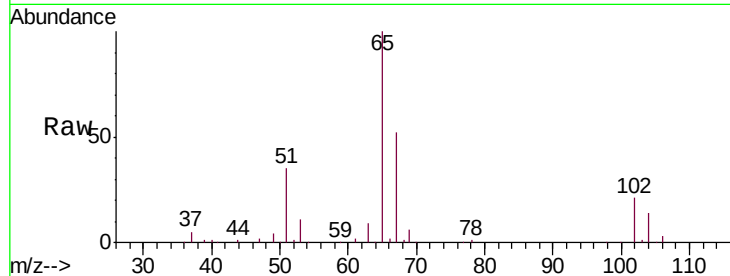




#33
 1,2-Dichloroethane-d4
 Concen: 59.492 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010484.D
 Acq: 21 May 2019 13:46

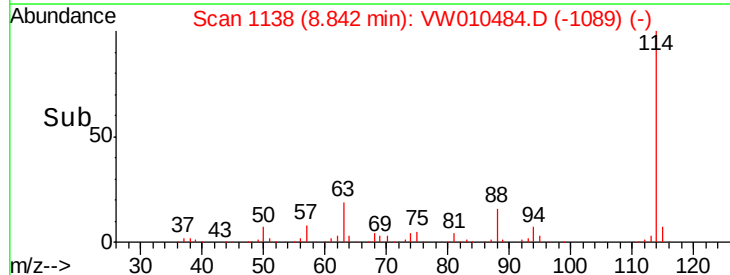
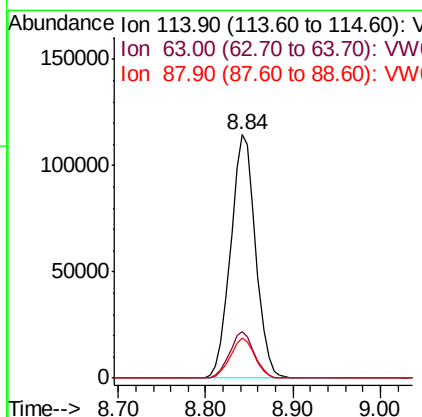
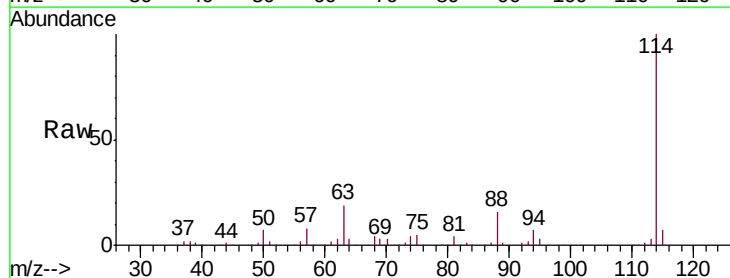
Instrument :
 MSVOA_W
 ClientSampled :
 FESB-15(1.2-1.7)

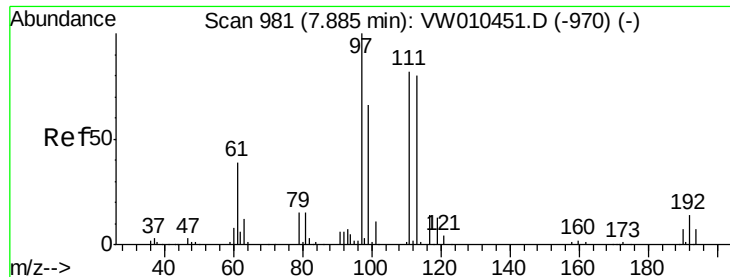
Tgt Ion: 65 Resp: 72271
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010484.D
 Acq: 21 May 2019 13:46

Tgt Ion: 114 Resp: 226672
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 16.4 0.0 32.0

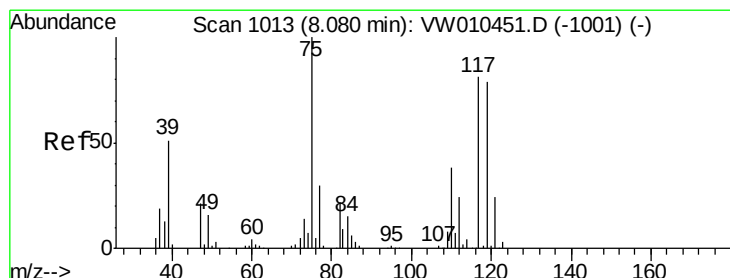
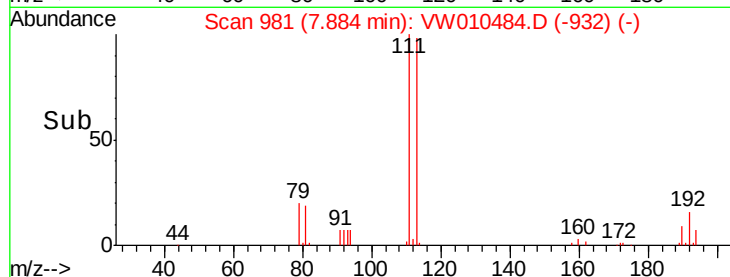
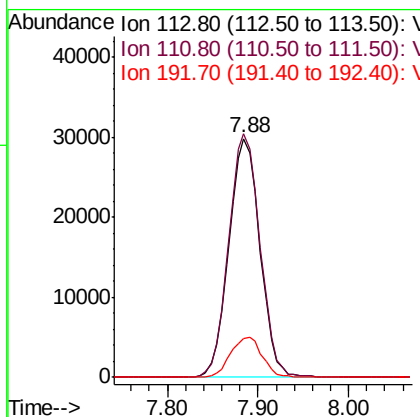
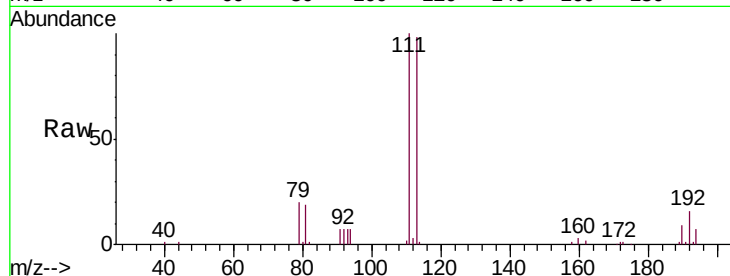




#35
 Dibromofluoromethane
 Concen: 51.549 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010484.D
 Acq: 21 May 2019 13:46

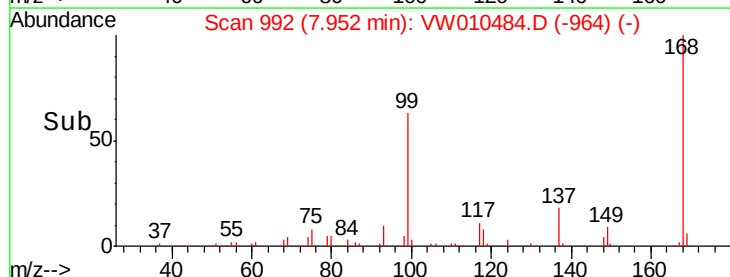
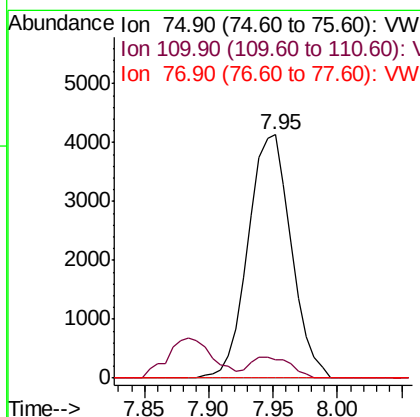
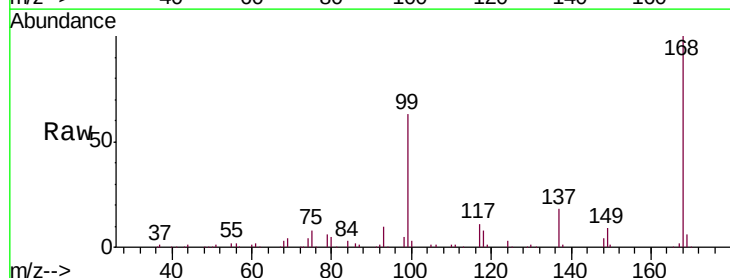
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-15(1.2-1.7)

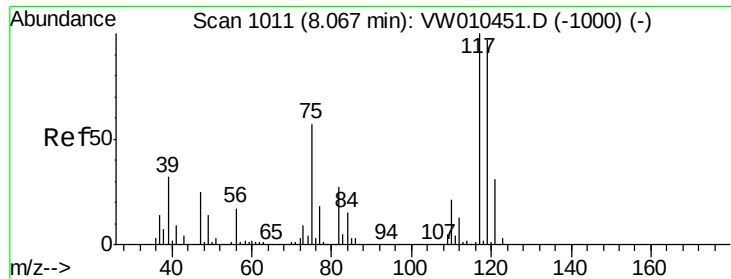
Tgt Ion:113 Resp: 70900
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 17.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010484.D
 Acq: 21 May 2019 13:46

Tgt Ion: 75 Resp: 9556
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.2 57.6#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

FESB-15(1.2-1.7)

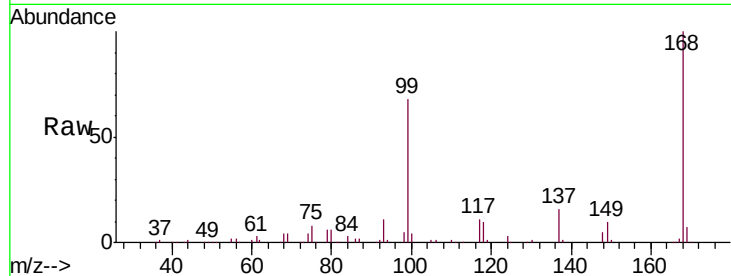
Tgt Ion: 117 Resp: 12963

Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.0#

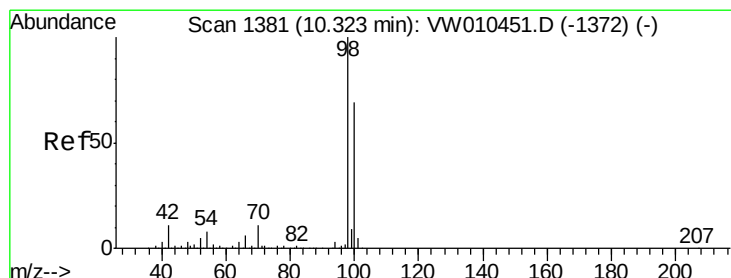
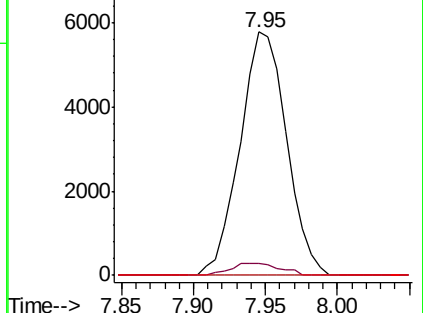
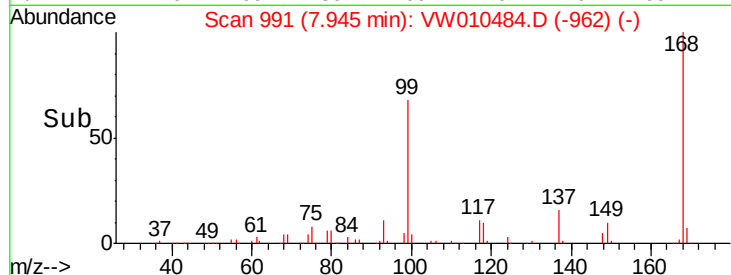
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.627 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010484.D

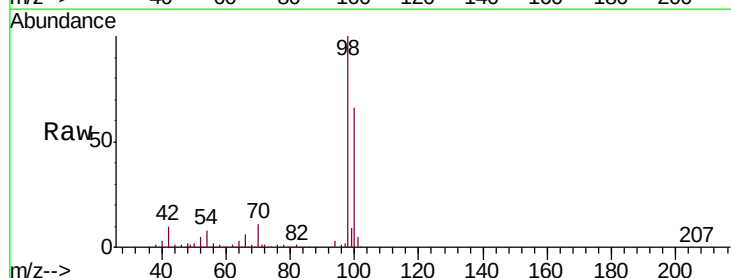
Acq: 21 May 2019 13:46

Tgt Ion: 98 Resp: 276523

Ion Ratio Lower Upper

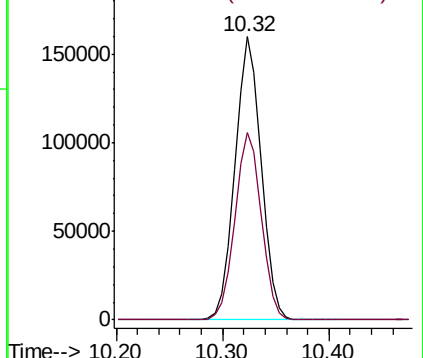
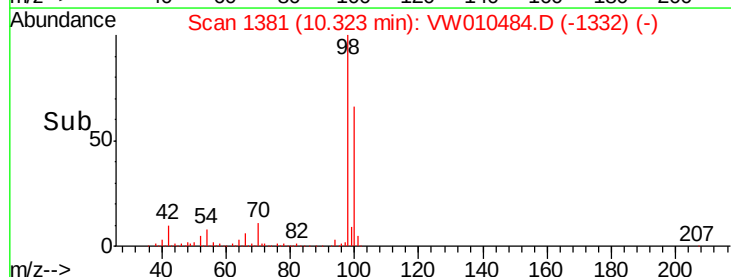
98 100

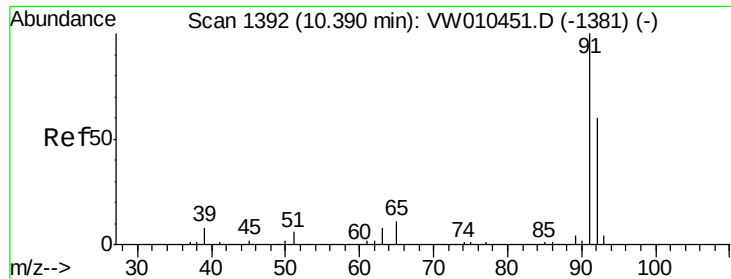
100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.557 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

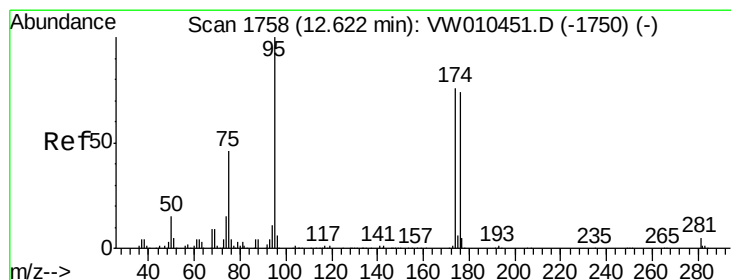
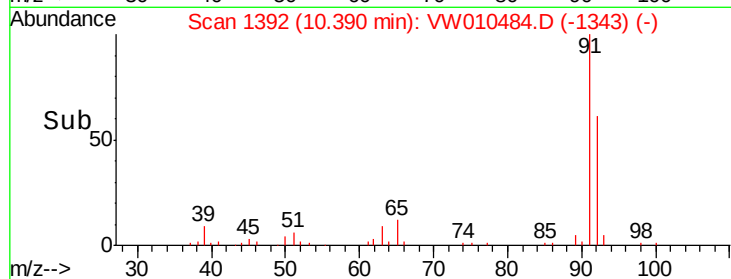
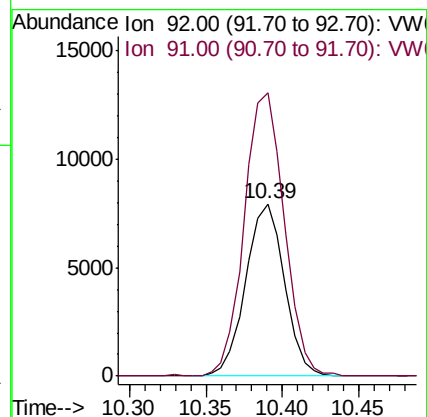
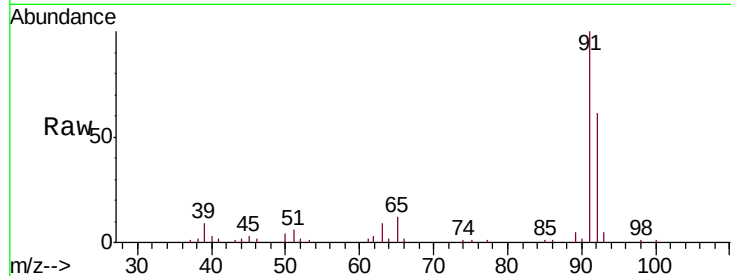
FESB-15(1.2-1.7)

Tgt Ion: 92 Resp: 14019

Ion Ratio Lower Upper

92 100

91 169.2 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 48.349 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

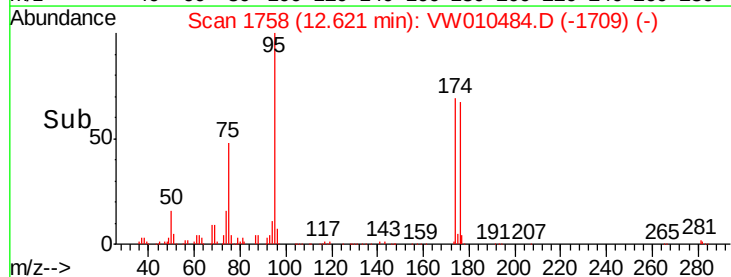
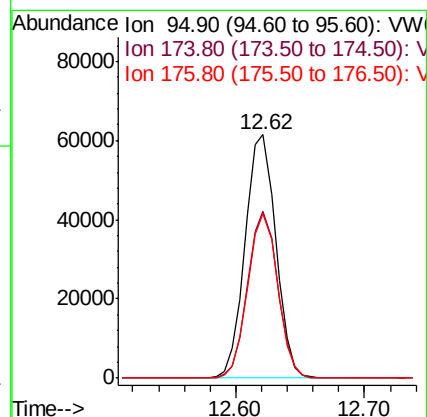
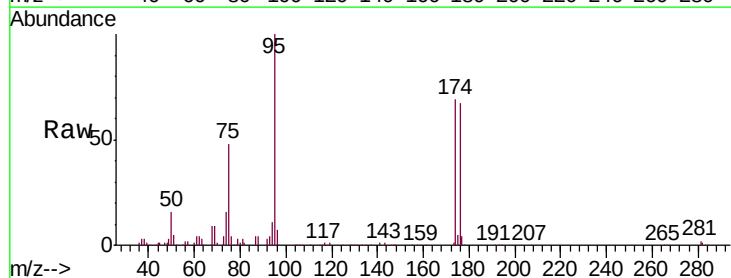
Tgt Ion: 95 Resp: 101190

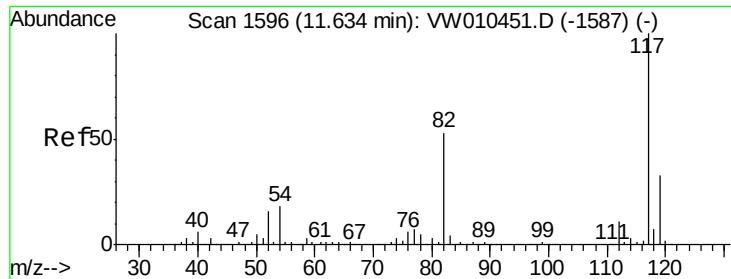
Ion Ratio Lower Upper

95 100

174 66.8 0.0 148.6

176 66.0 0.0 144.2

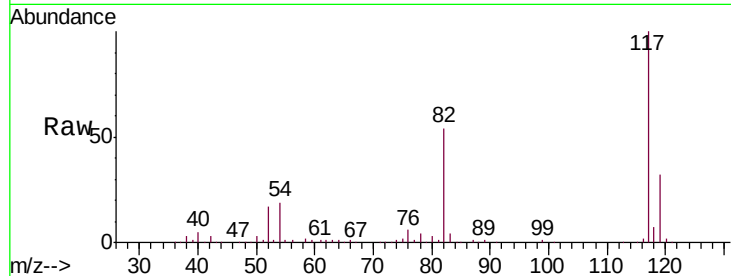




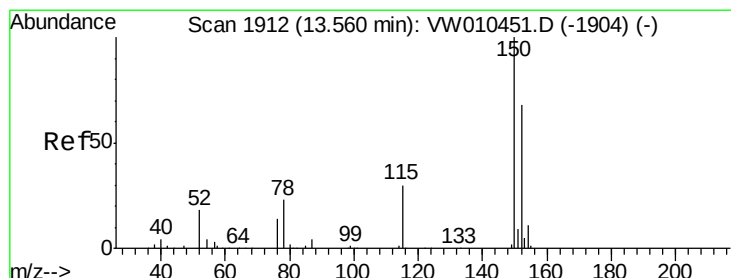
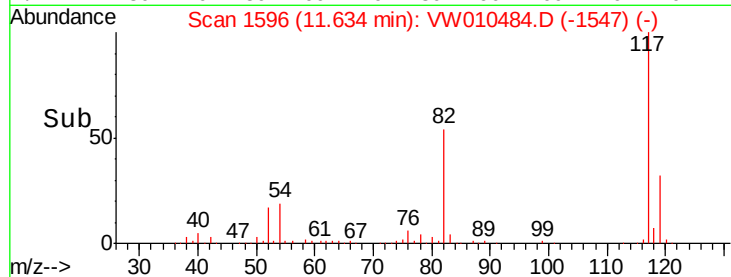
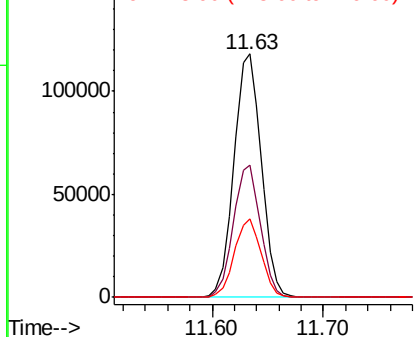
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010484.D
Acq: 21 May 2019 13:46

Instrument :
MSVOA_W
ClientSampleId :
FESB-15(1.2-1.7)

Tgt Ion:117 Resp: 200502
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 32.2 26.3 39.5

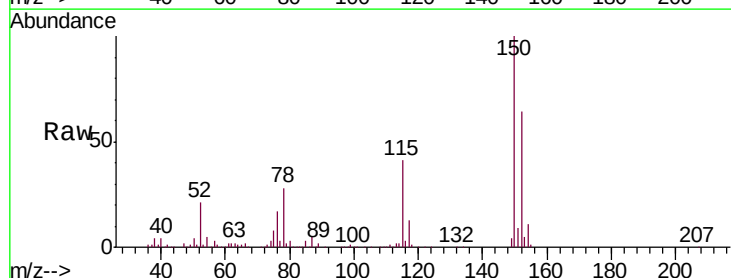


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

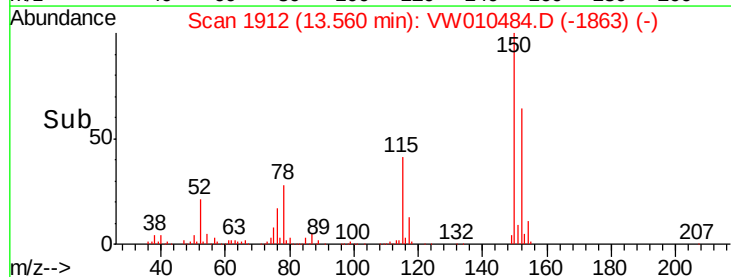
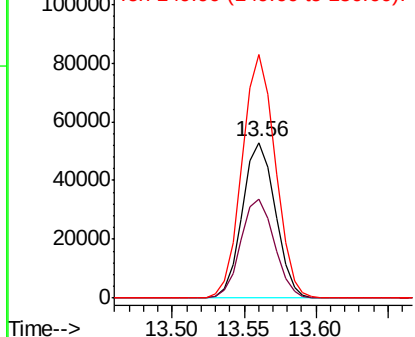


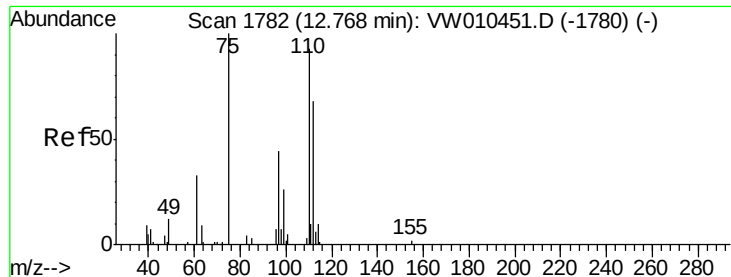
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010484.D
Acq: 21 May 2019 13:46

Tgt Ion:152 Resp: 84284
Ion Ratio Lower Upper
152 100
115 64.5 30.3 91.0
150 157.1 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: 56.520 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

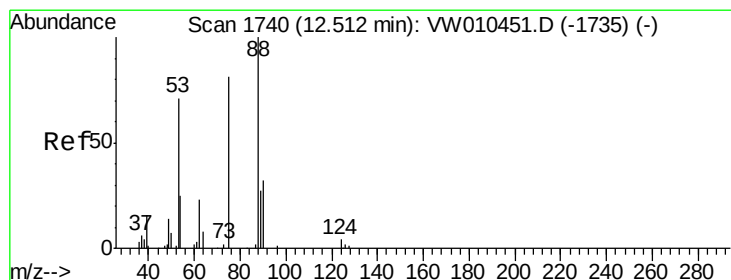
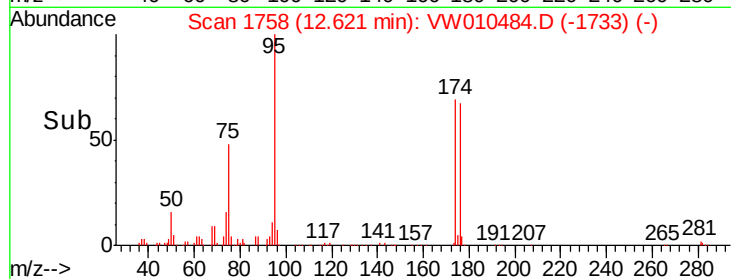
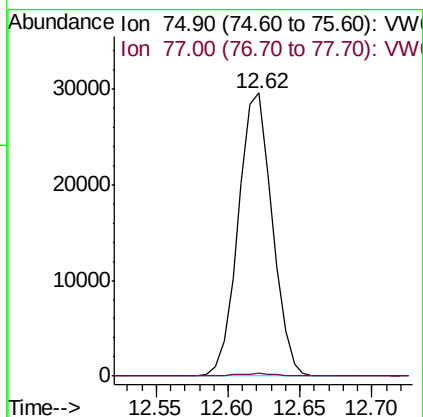
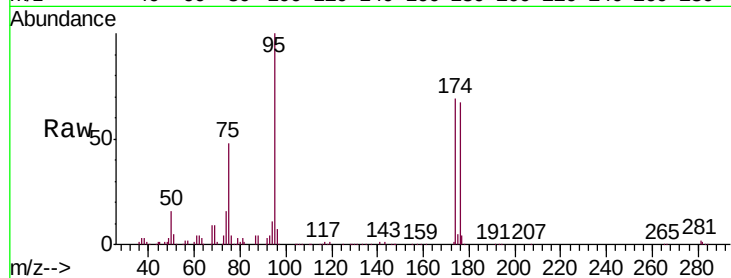
FESB-15(1.2-1.7)

Tgt Ion: 75 Resp: 48355

Ion Ratio Lower Upper

75 100

77 1.0 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.959 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010484.D

Acq: 21 May 2019 13:46

Tgt Ion: 75 Resp: 48355

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

