

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010436.D
 Acq On : 18 May 2019 03:40
 Operator : SY/VA
 Sample : K2906-01
 Misc : 7.13G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-11(7-7.5)

Quant Time: May 18 05:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 18 01:59:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1014929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	832161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	350422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	277953	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
35) Dibromofluoromethane	7.88	113	298131	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	10.32	98	1228003	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	422250	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

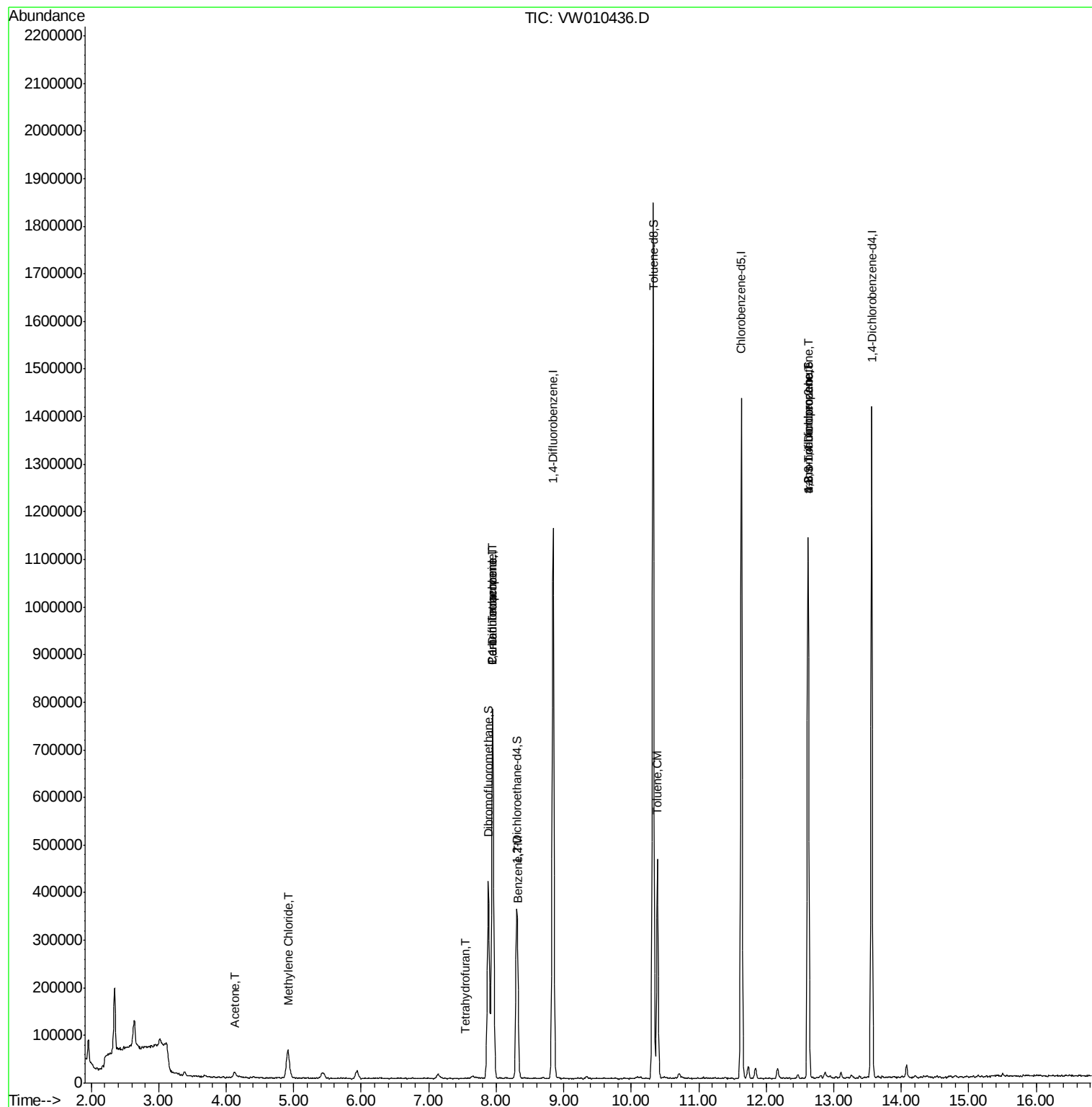
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	998	Below Cal		97
3) Chloromethane	2.21	50	1678	Below Cal		97
5) Bromomethane	2.77	94	1693	Below Cal	#	21
13) Acrolein	3.89	56	204	Below Cal		86
16) Acetone	4.13	43	20448	18.728	ug/l	98
20) Methylene Chloride	4.92	84	47773	4.886	ug/l	95
29) Tetrahydrofuran	7.55	42	1506	1.196	ug/l #	53
31) Cyclohexane	7.94	56	14240	Below Cal	#	21
36) 1,1-Dichloropropene	7.95	75	46847	5.214	ug/l #	48
38) Carbon Tetrachloride	7.95	117	62515	6.447	ug/l #	14
40) Benzene	8.32	78	30500	1.189	ug/l	99
52) Toluene	10.39	92	204612	12.014	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	204224	54.425	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	204224	107.399	ug/l #	14

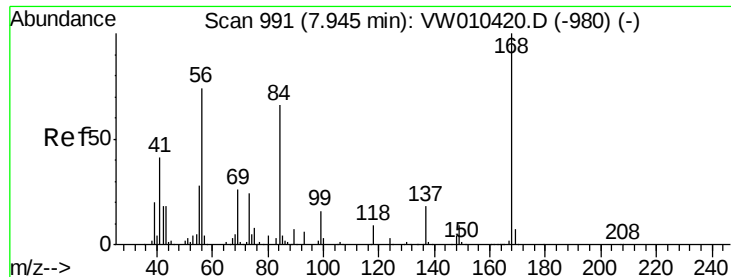
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010436.D
Acq On : 18 May 2019 03:40
Operator : SY/VA
Sample : K2906-01
Misc : 7.13G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-11(7-7.5)

Quant Time: May 18 05:07:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

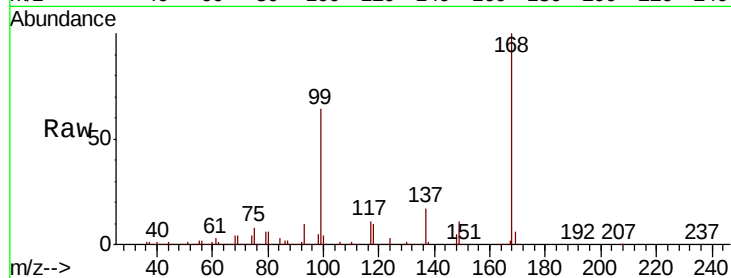
FESB-11(7-7.5)

Tgt Ion:168 Resp: 565175

Ion Ratio Lower Upper

168 100

99 64.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

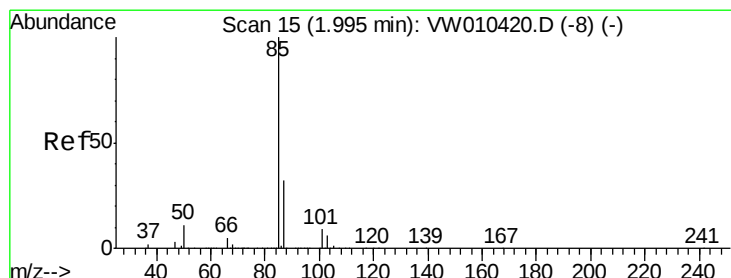
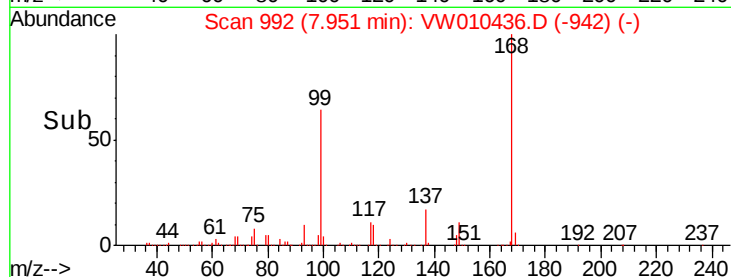
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW010436.D

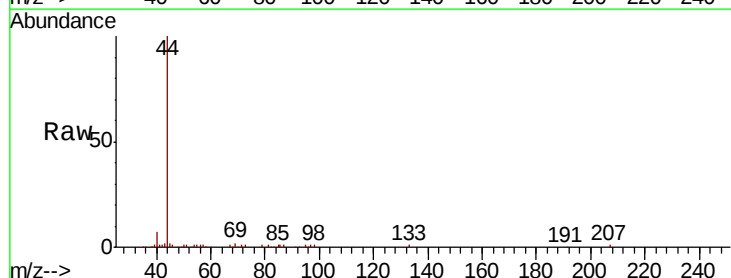
Acq: 18 May 2019 03:40

Tgt Ion: 85 Resp: 998

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

600

500

400

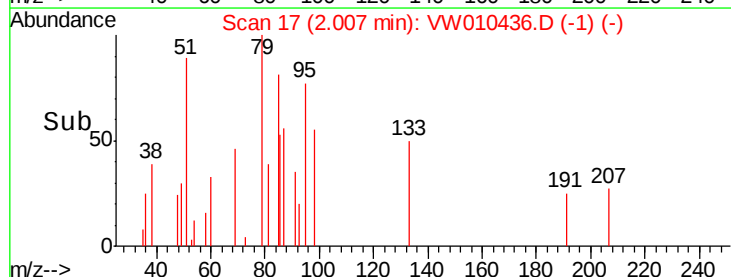
300

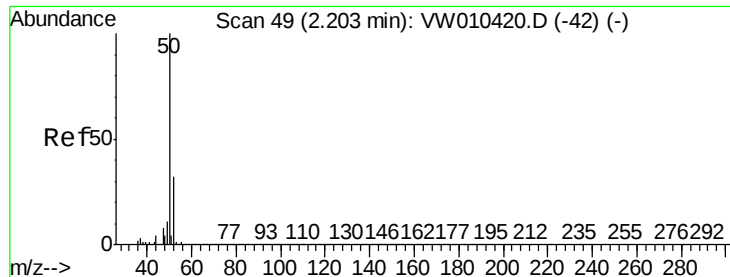
200

100

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

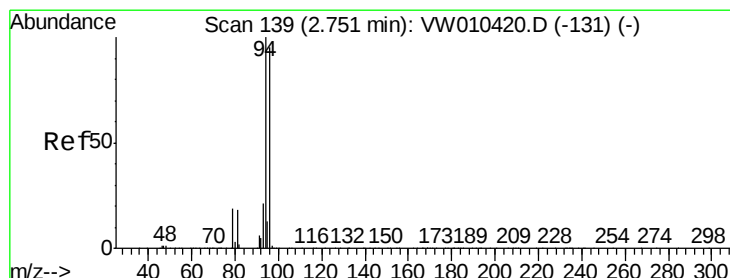
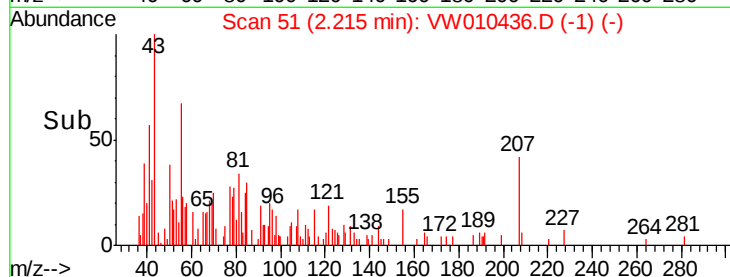
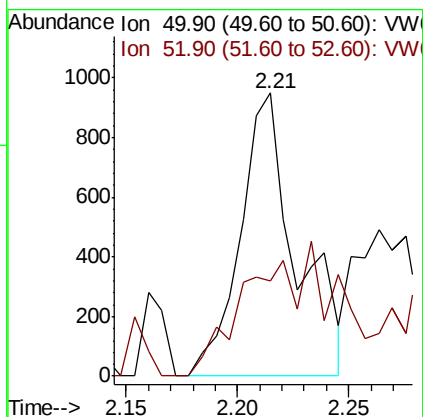
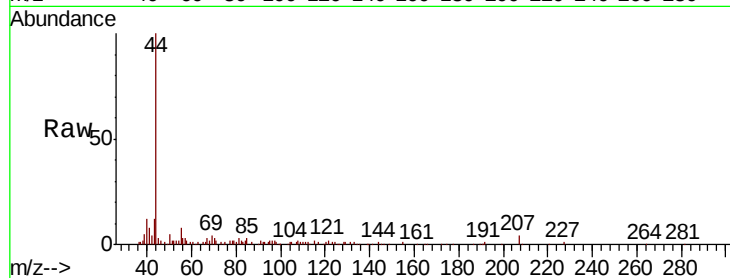
FESB-11(7-7.5)

Tgt Ion: 50 Resp: 1678

Ion Ratio Lower Upper

50 100

52 33.5 25.4 38.0



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.02 min

Lab File: VW010436.D

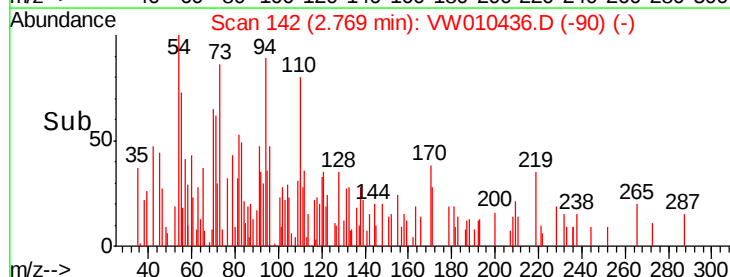
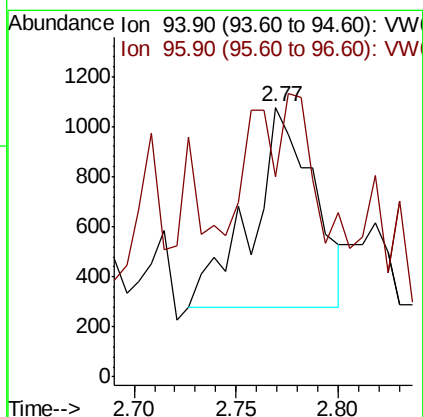
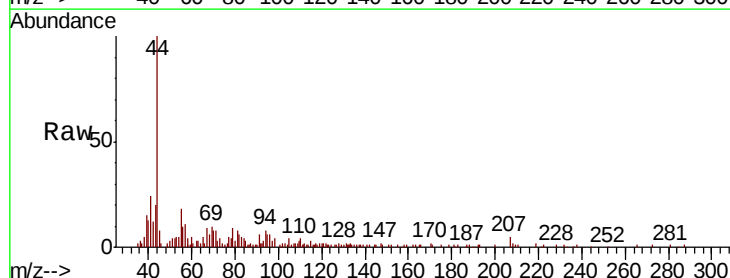
Acq: 18 May 2019 03:40

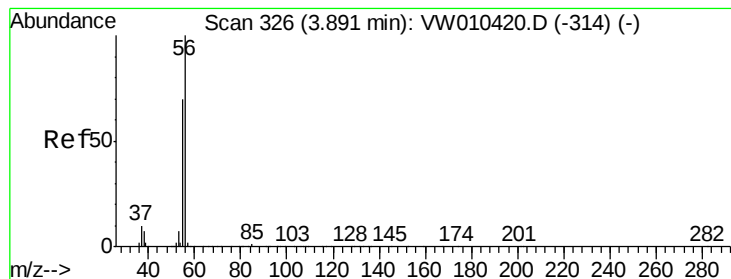
Tgt Ion: 94 Resp: 1693

Ion Ratio Lower Upper

94 100

96 18.5 75.8 113.6#





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

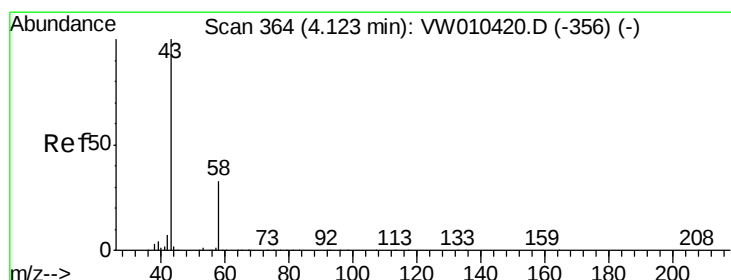
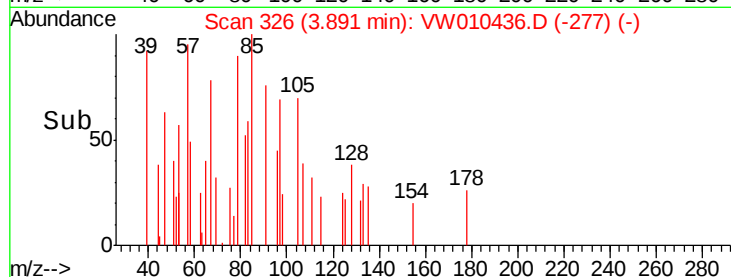
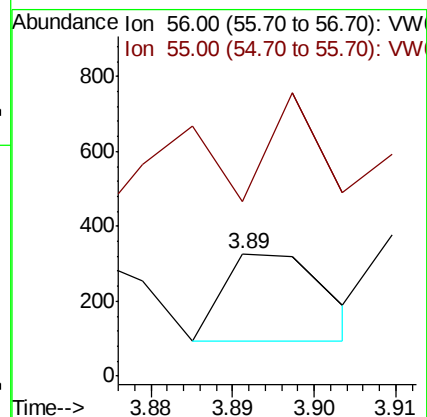
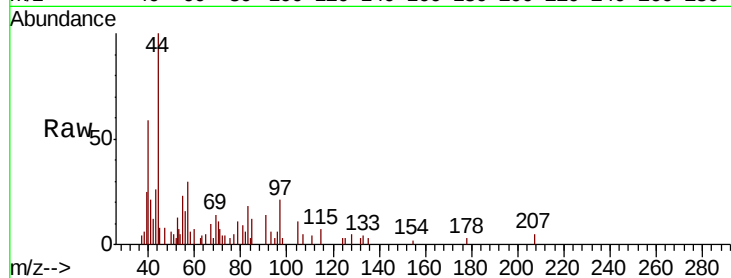
Instrument :
MSVOA_W
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

56 100

55 83.3 57.6 86.4



#16

Acetone

Concen: 18.728 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010436.D

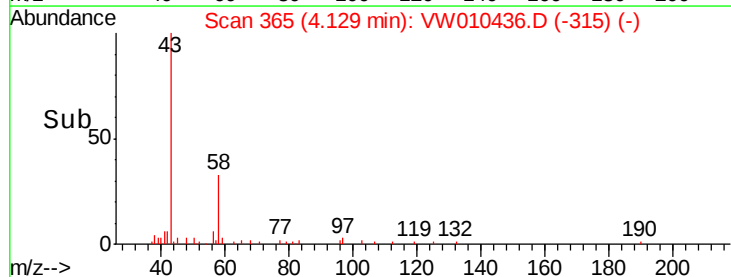
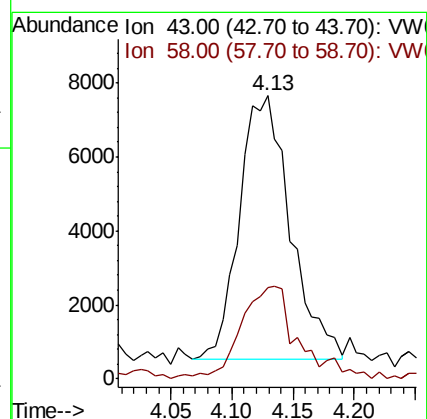
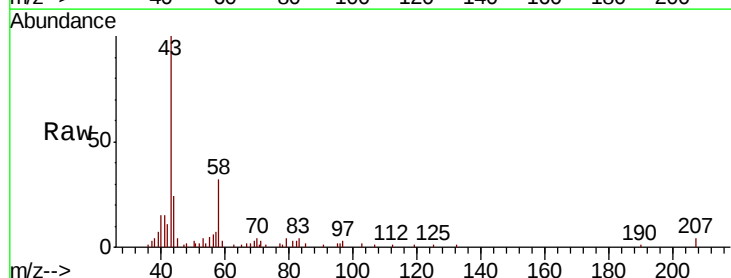
Acq: 18 May 2019 03:40

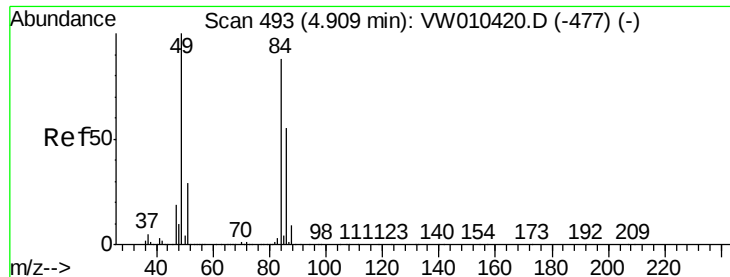
Tgt Ion: 43 Resp: 20448

Ion Ratio Lower Upper

43 100

58 33.7 26.0 39.0

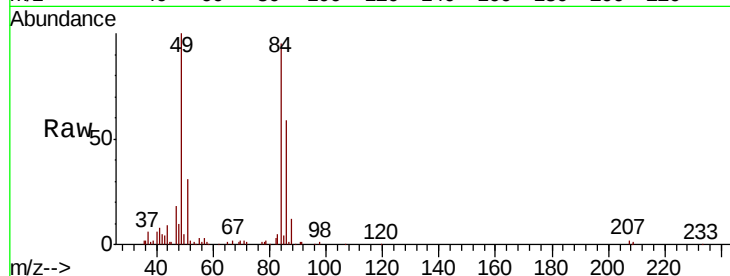




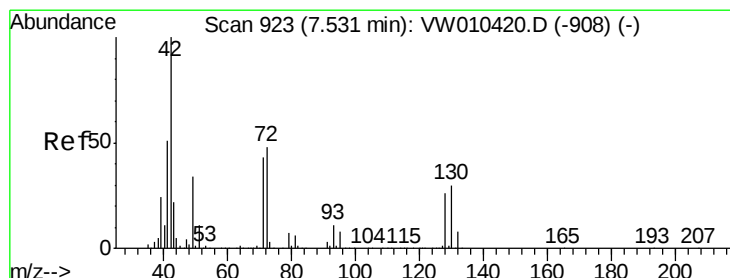
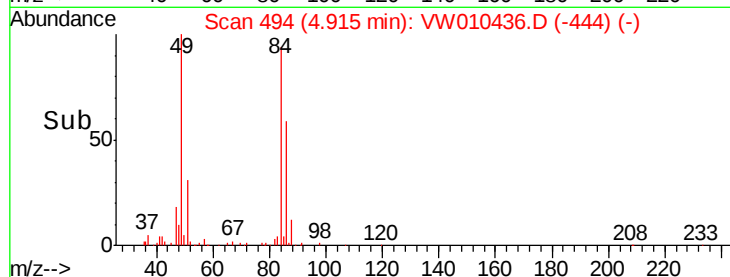
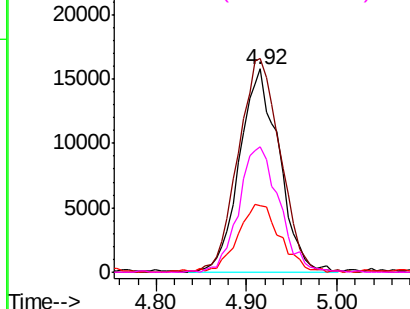
#20
Methylene Chloride
Concen: 4.886 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion: 84 Resp: 47773
Ion Ratio Lower Upper
84 100
49 104.6 90.6 135.8
51 32.4 26.6 40.0
86 61.7 49.7 74.5

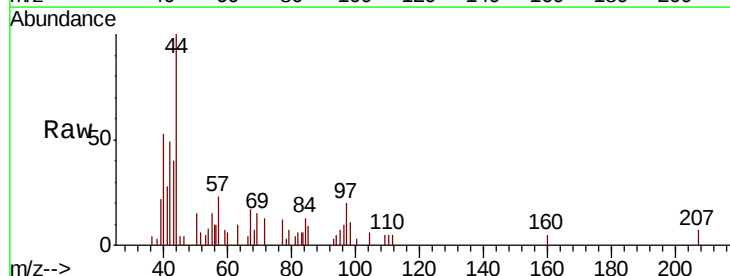


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

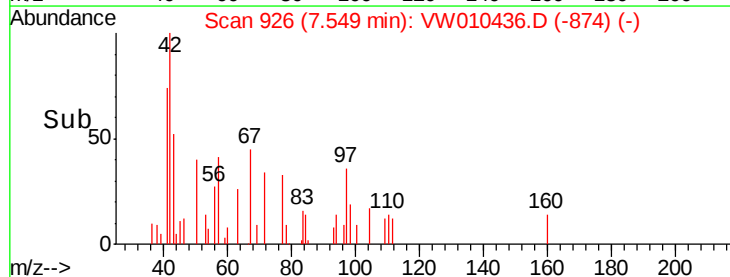
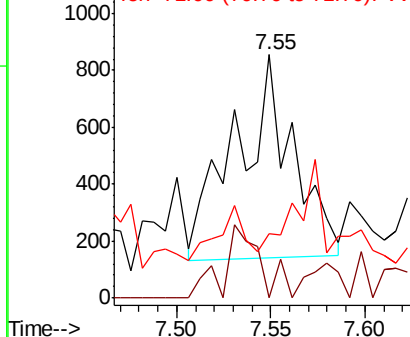


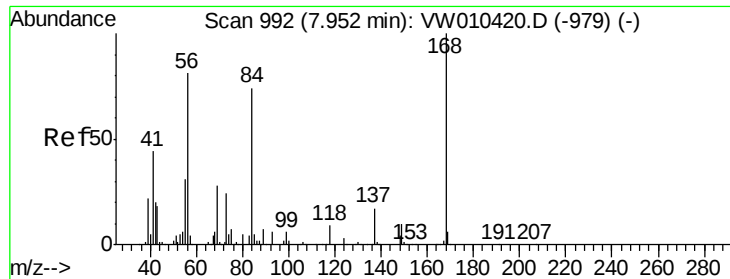
#29
Tetrahydrofuran
Concen: 1.196 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

Tgt Ion: 42 Resp: 1506
Ion Ratio Lower Upper
42 100
72 15.5 38.2 57.2#
71 15.2 36.0 54.0#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

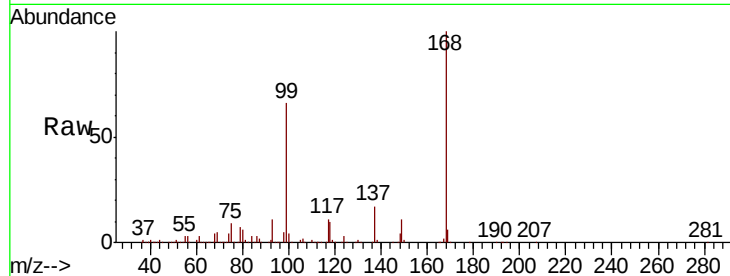




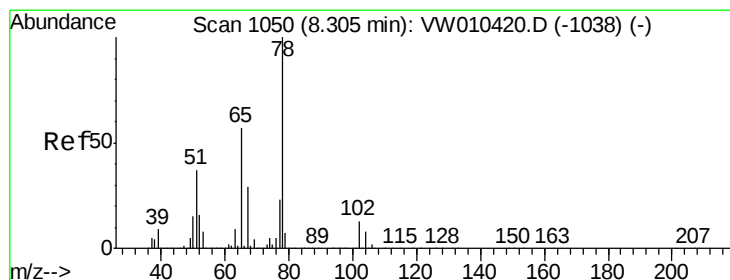
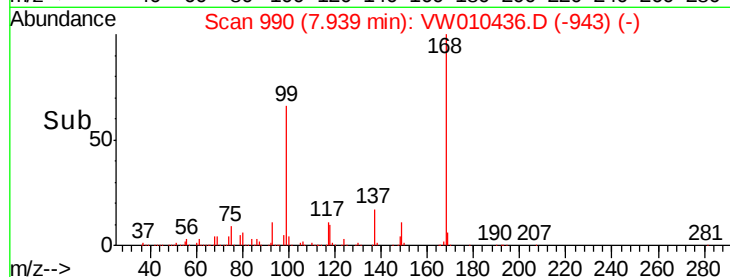
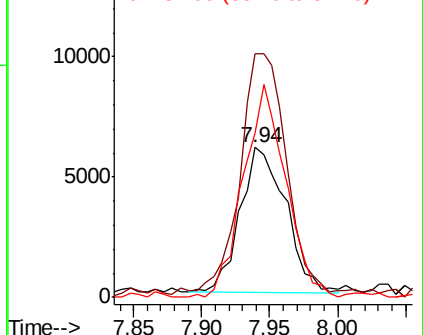
#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion: 56 Resp: 14240
Ion Ratio Lower Upper
56 100
69 164.2 27.6 41.4#
84 114.2 72.9 109.3#

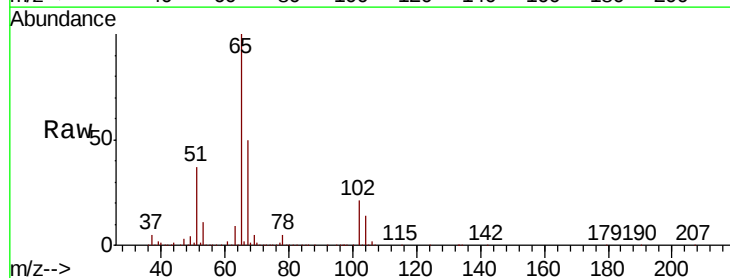


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

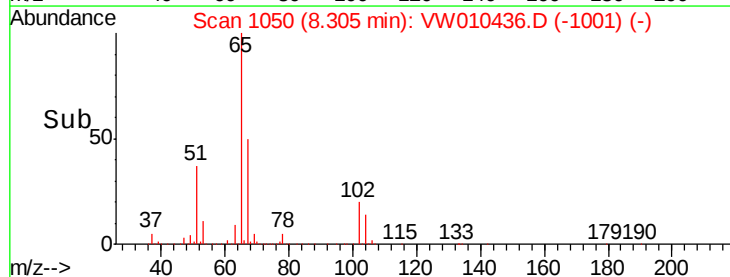
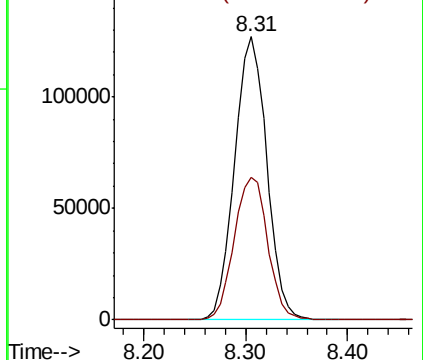


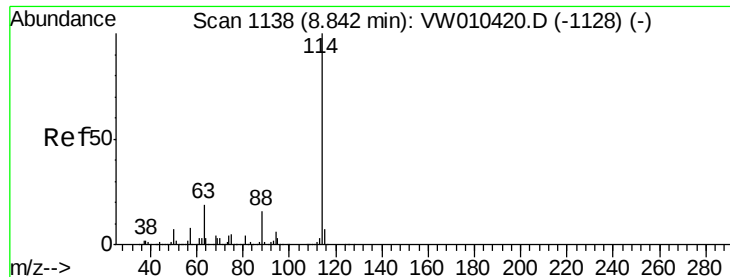
#33
1,2-Dichloroethane-d4
Concen: 44.843 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010436.D
Acq: 18 May 2019 03:40

Tgt Ion: 65 Resp: 277953
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.2



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: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-11(7-7.5)

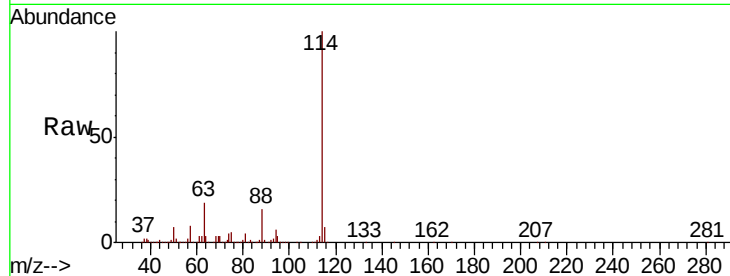
Tgt Ion:114 Resp: 1014929

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

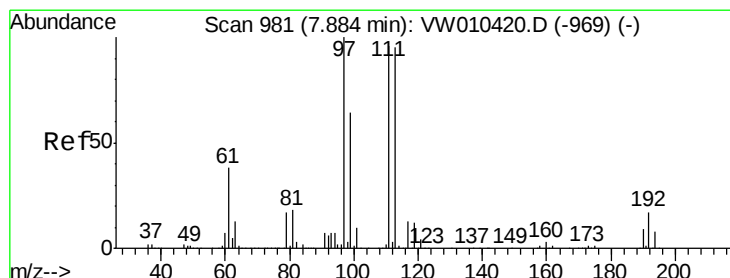
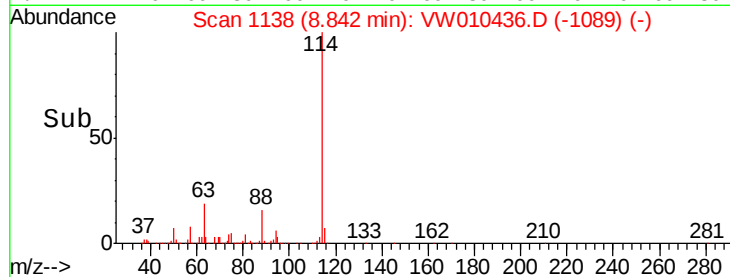
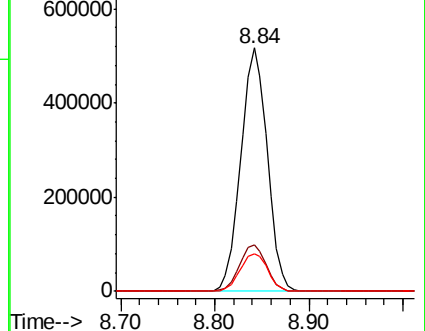
88 15.6 0.0 31.6



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: 47.560 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

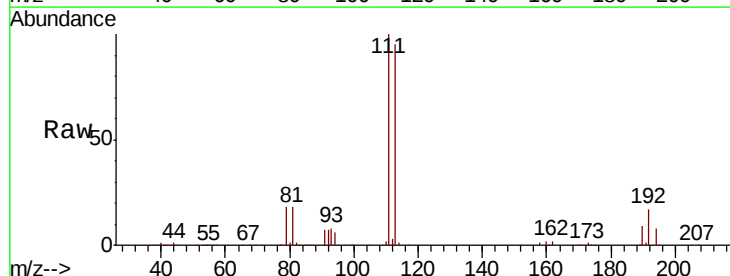
Tgt Ion:113 Resp: 298131

Ion Ratio Lower Upper

113 100

111 104.2 82.5 123.7

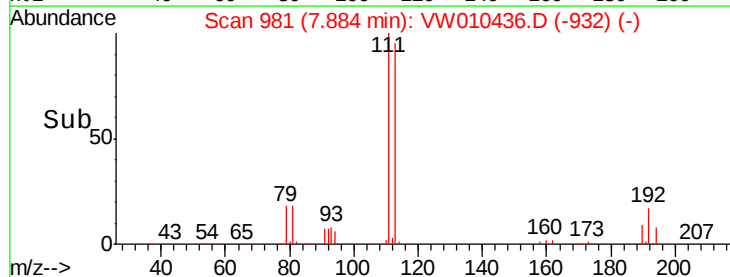
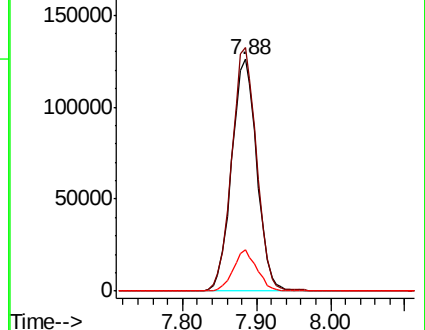
192 16.6 14.2 21.4

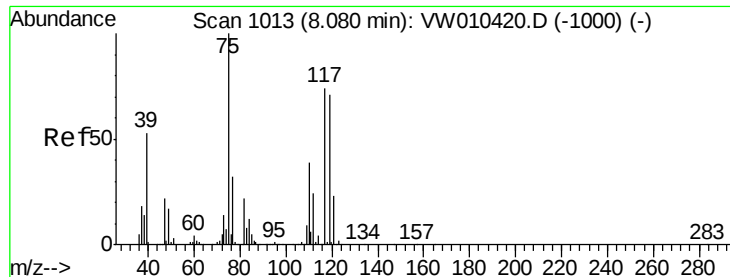


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

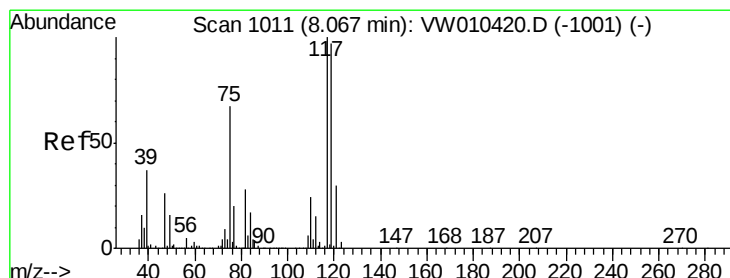
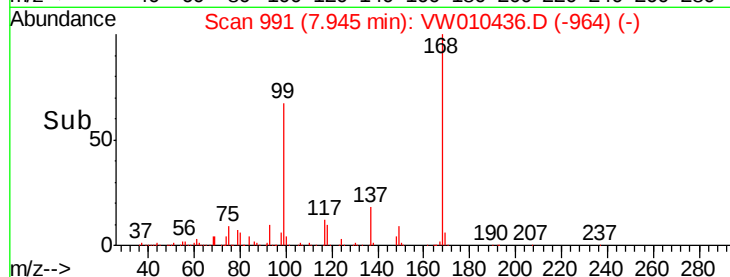
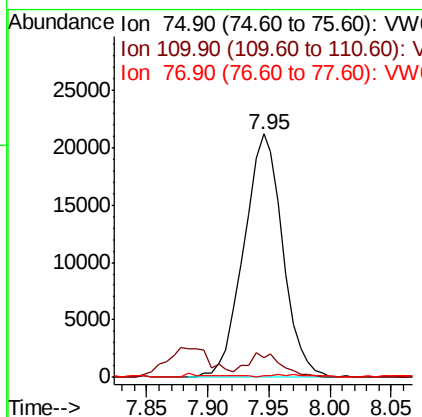
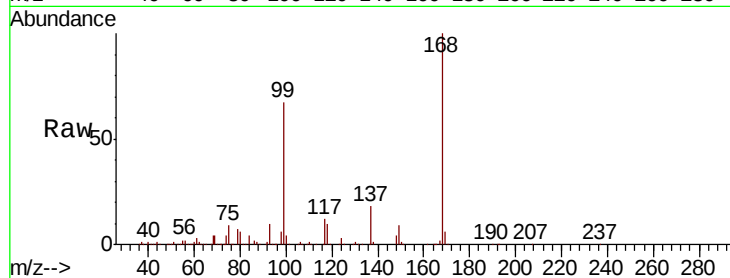




#36
 1,1-Dichloropropene
 Concen: 5.214 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010436.D
 Acq: 18 May 2019 03:40

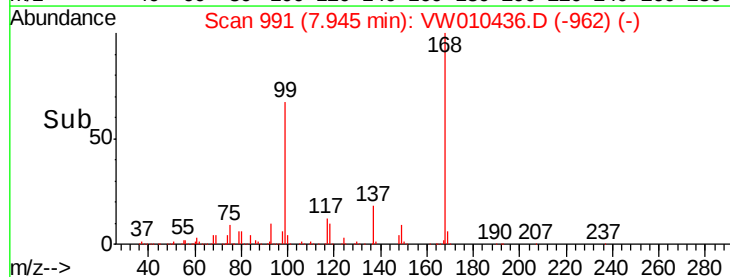
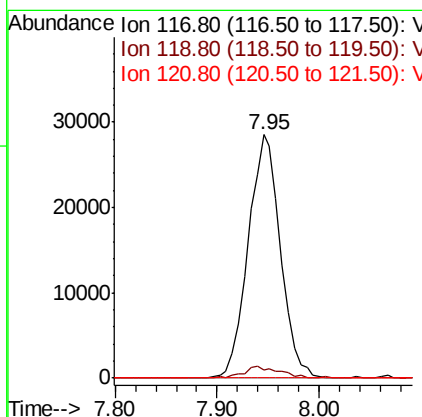
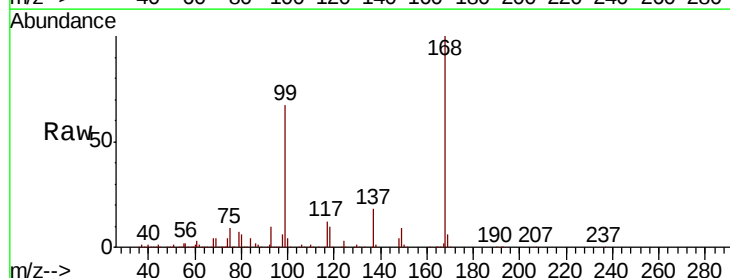
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-11(7-7.5)

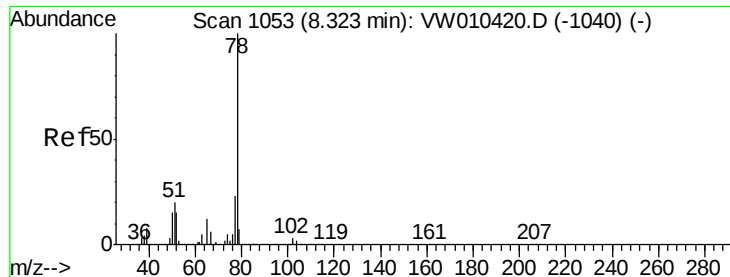
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.4	58.1#
77	1.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.447 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010436.D
 Acq: 18 May 2019 03:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	77.8	116.6#
121	0.0	24.2	36.2#





#40

Benzene

Concen: 1.189 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

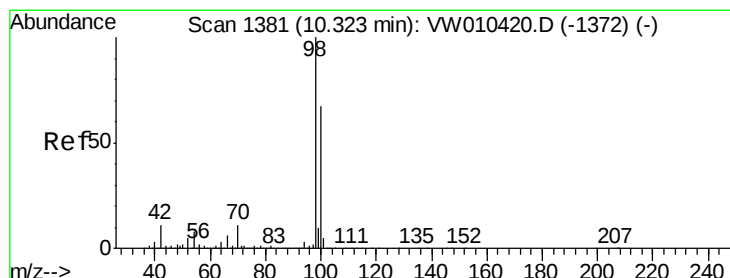
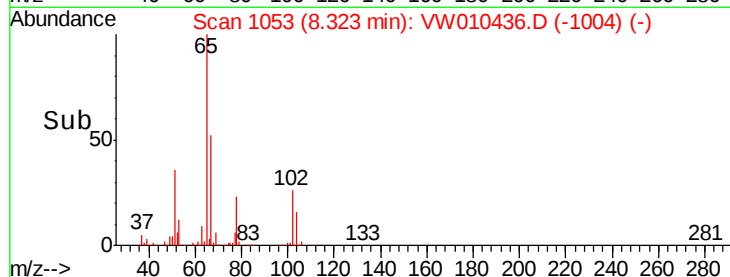
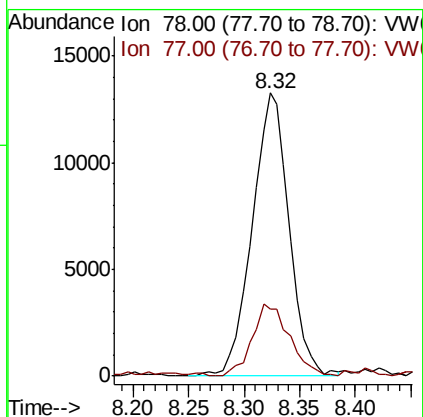
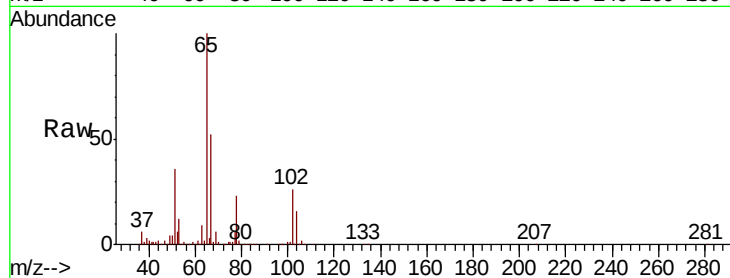
FESB-11(7-7.5)

Tgt Ion: 78 Resp: 30500

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1



#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010436.D

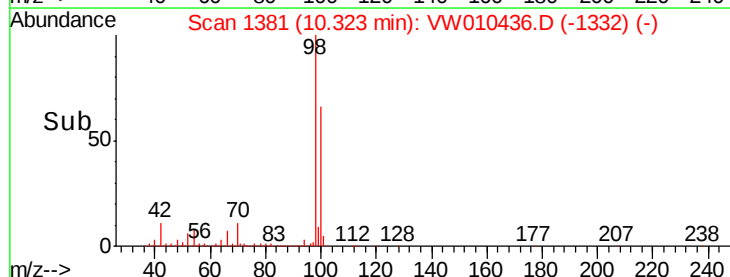
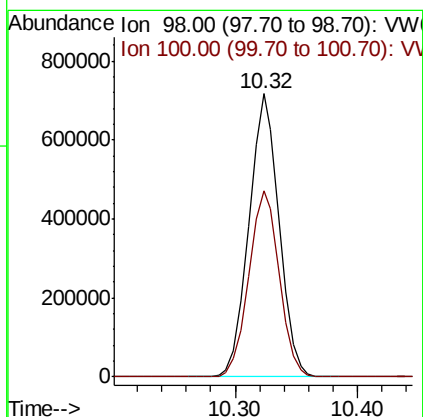
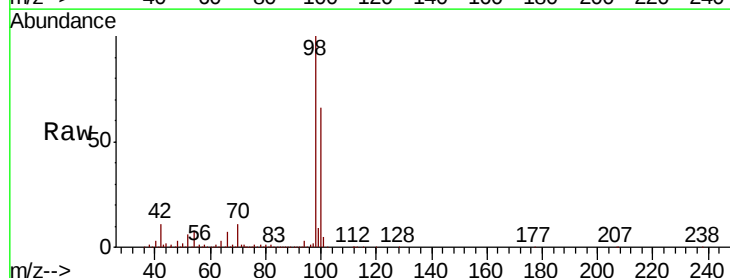
Acq: 18 May 2019 03:40

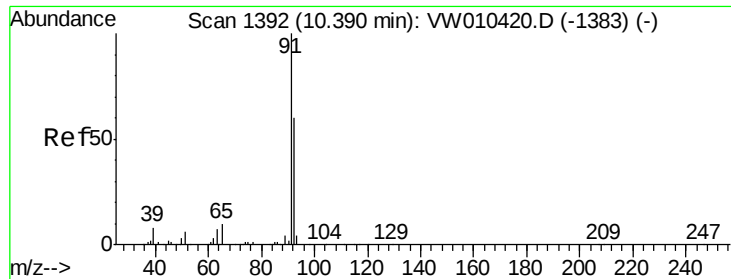
Tgt Ion: 98 Resp: 1228003

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9





#52

Toluene

Concen: 12.014 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

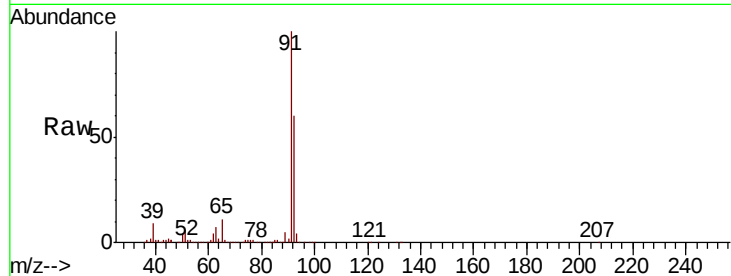
FESB-11(7-7.5)

Tgt Ion: 92 Resp: 204612

Ion Ratio Lower Upper

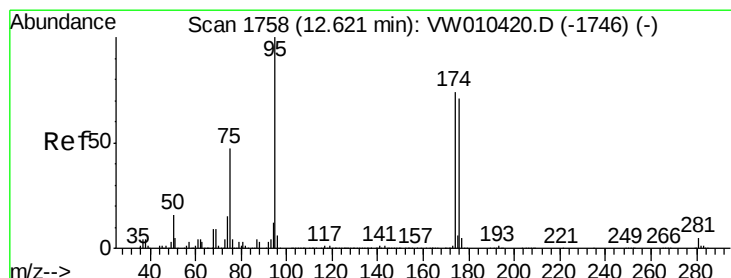
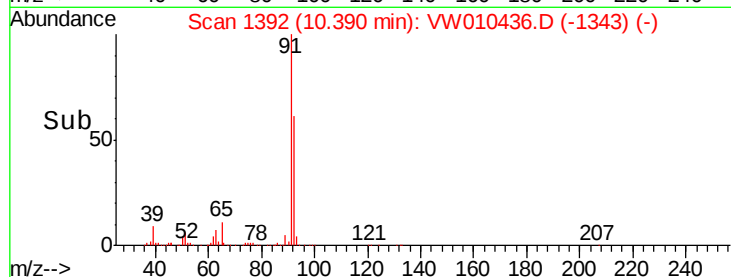
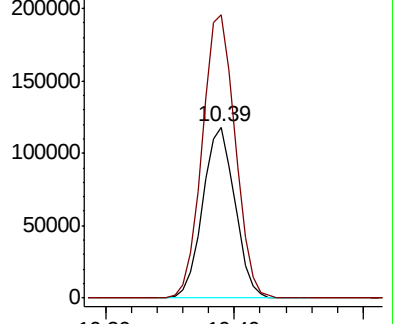
92 100

91 170.2 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 46.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

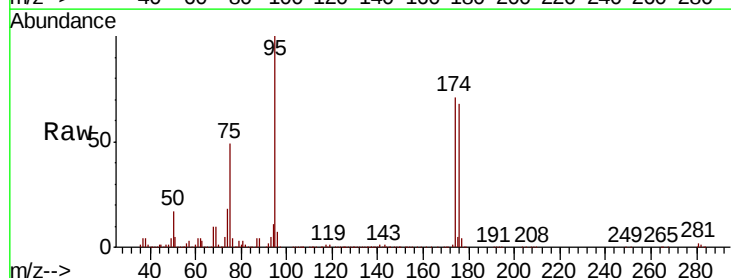
Tgt Ion: 95 Resp: 422250

Ion Ratio Lower Upper

95 100

174 66.3 0.0 146.6

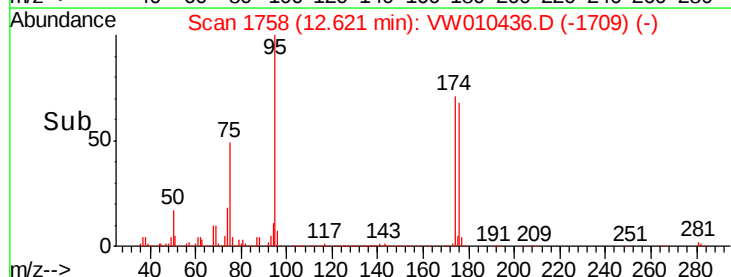
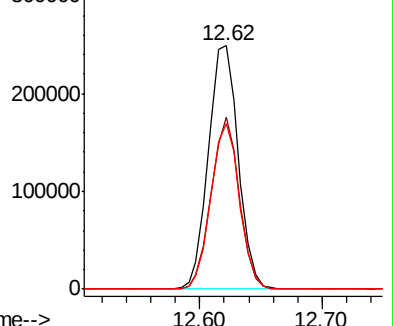
176 65.0 0.0 141.4

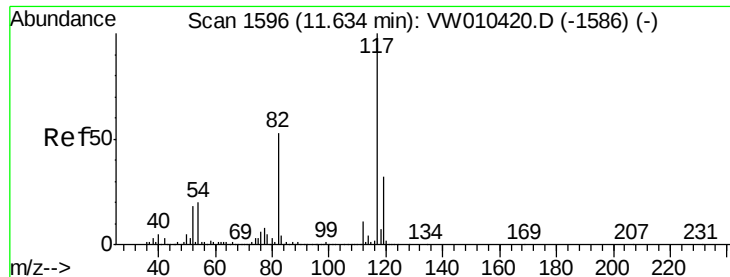


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-11(7-7.5)

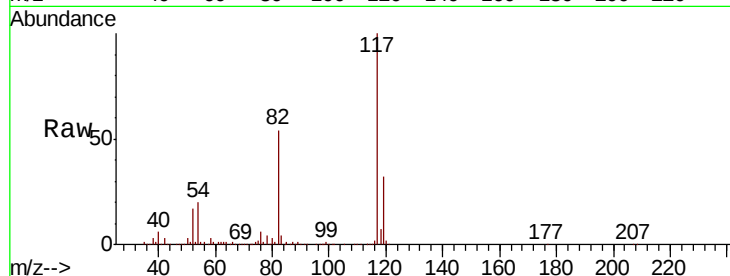
Tgt Ion:117 Resp: 832161

Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

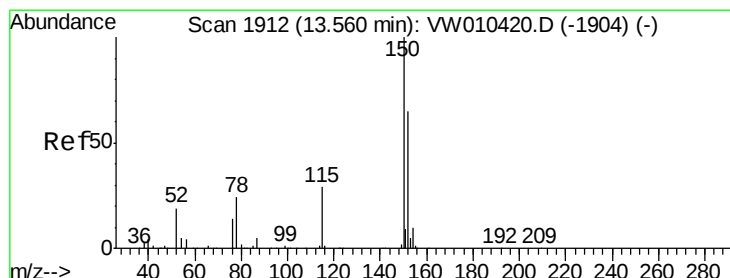
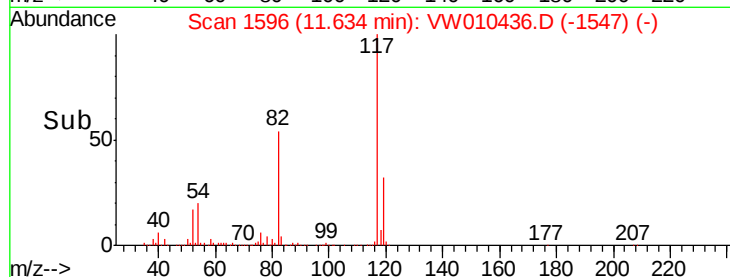
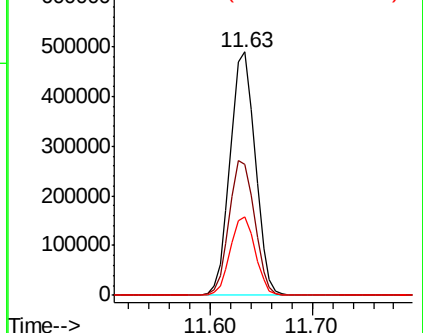
119 32.0 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW010436.D

Acq: 18 May 2019 03:40

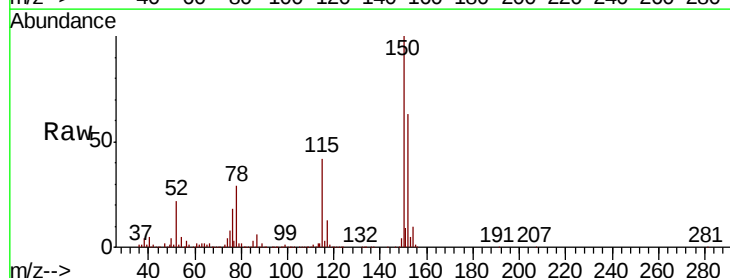
Tgt Ion:152 Resp: 350422

Ion Ratio Lower Upper

152 100

115 66.6 30.0 90.1

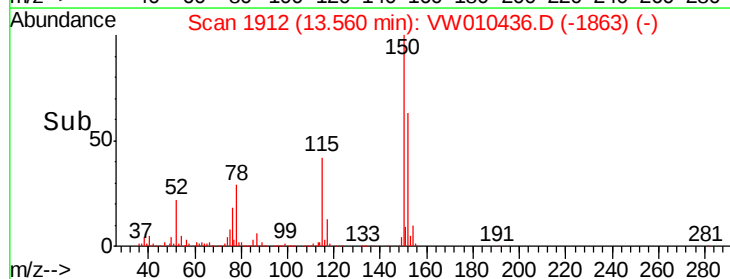
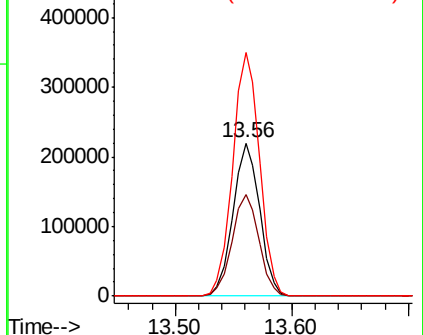
150 160.3 0.0 350.2

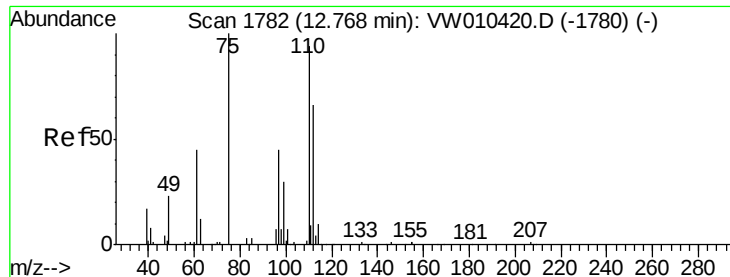


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.425 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

Instrument :

MSVOA_W

ClientSampled :

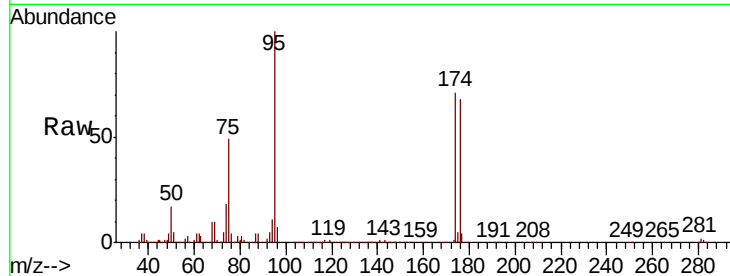
FESB-11(7-7.5)

Tgt Ion: 75 Resp: 204224

Ion Ratio Lower Upper

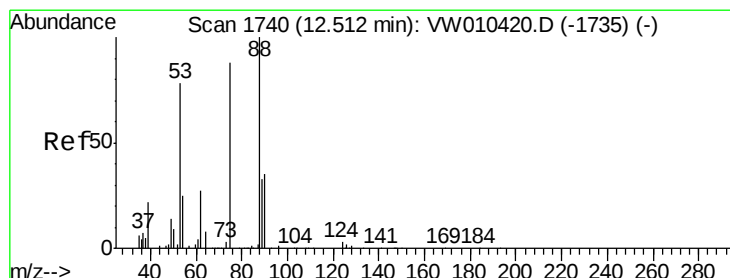
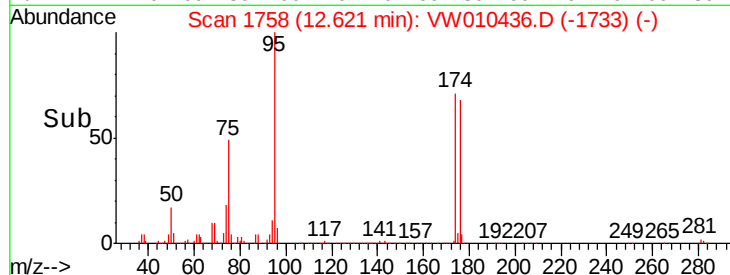
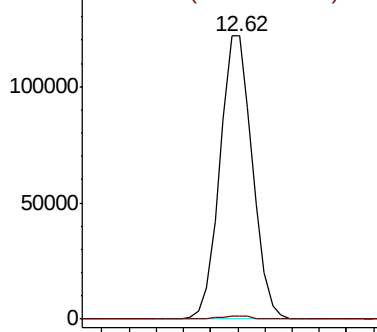
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 107.399 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010436.D

Acq: 18 May 2019 03:40

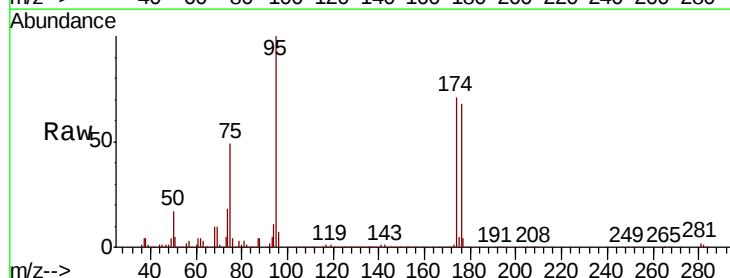
Tgt Ion: 75 Resp: 204224

Ion Ratio Lower Upper

75 100

53 0.1 70.7 106.1#

89 0.0 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

