

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
 Data File : VW012821.D
 Acq On : 09 Sep 2019 15:07
 Operator : SY/VA
 Sample : K4760-01
 Misc : 5.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EAST-SIDE-WALL-1

Quant Time: Sep 16 07:47:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

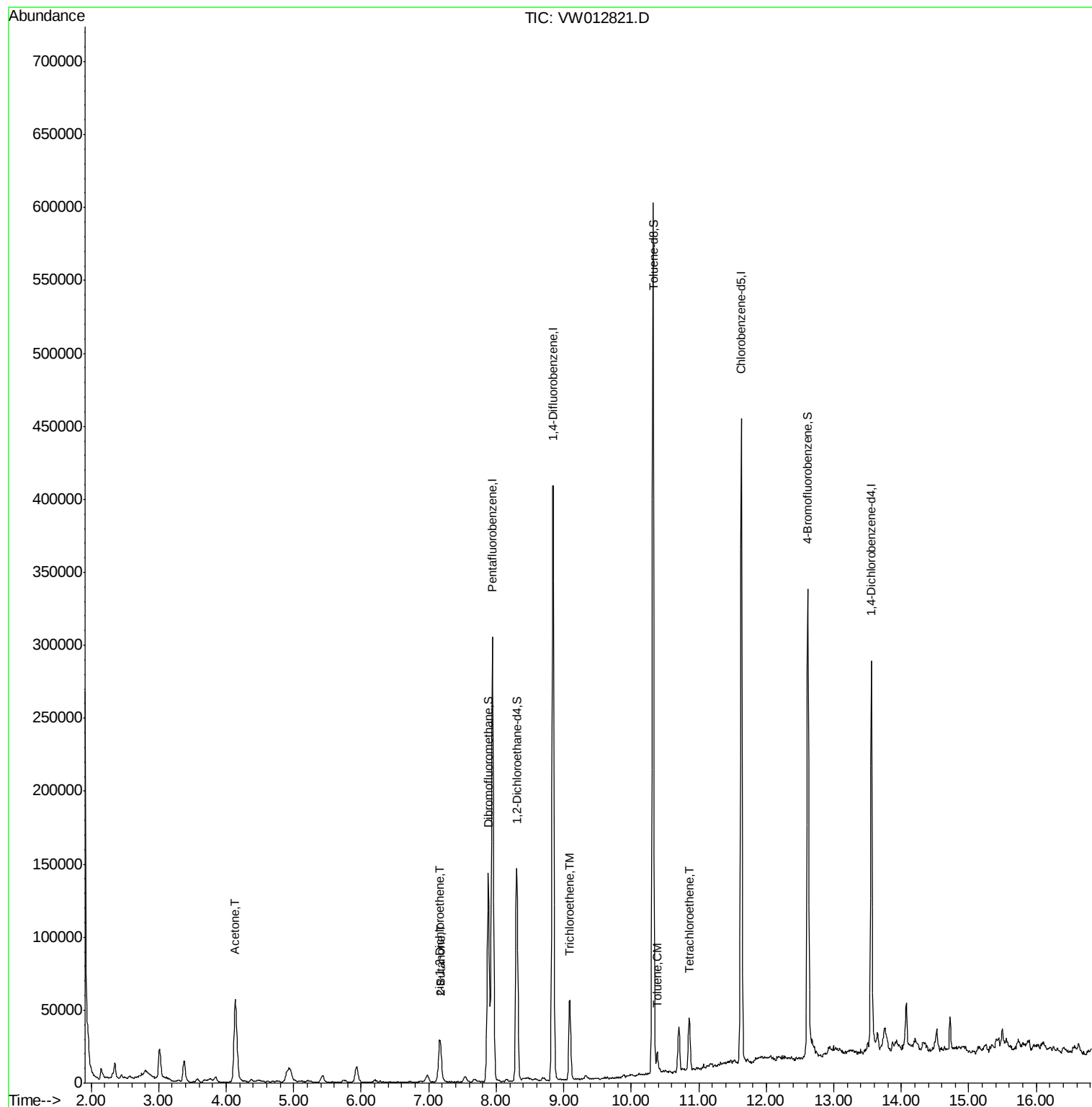
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120223	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	100384	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.32	98	393693	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.62	95	95842	33.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.44%	
Target Compounds						
16) Acetone	4.14	43	118644	169.031	ug/l	97
25) 2-Butanone	7.18	43	10871	29.371	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	12874	5.718	ug/l	89
44) Trichloroethene	9.09	130	19324	8.913	ug/l	93
52) Toluene	10.39	92	5577	1.062	ug/l	88
64) Tetrachloroethene	10.86	164	8587	5.870	ug/l	92

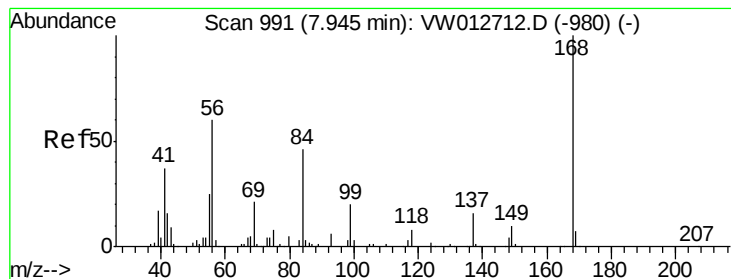
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012821.D

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Instrument :

MSVOA_W

ClientSampleId :

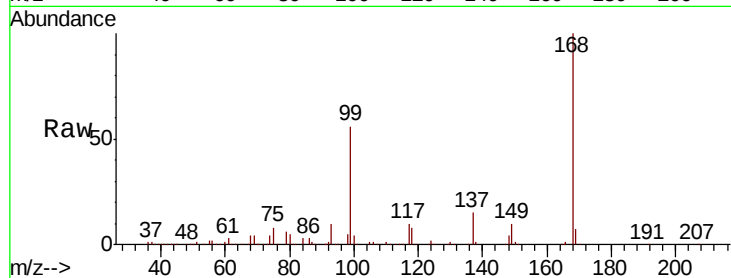
EAST-SIDE-WALL-1

Tgt Ion:168 Resp: 230431

Ion Ratio Lower Upper

168 100

99 55.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

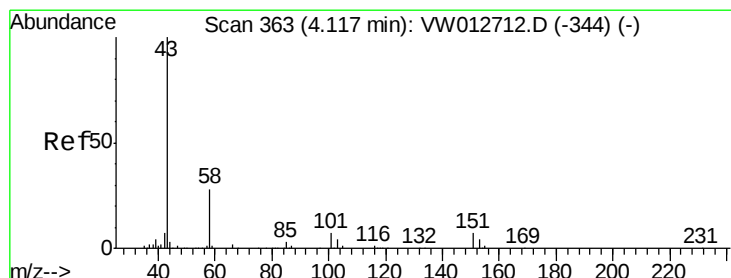
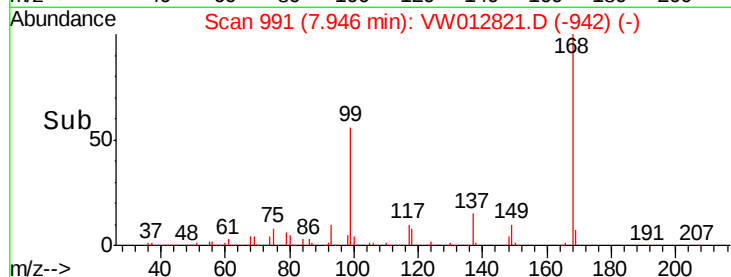
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 169.031 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012821.D

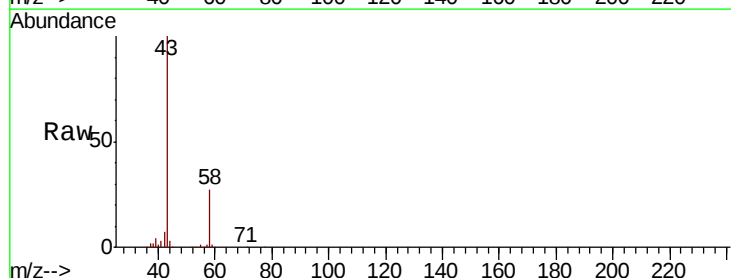
Acq: 09 Sep 2019 15:07

Tgt Ion: 43 Resp: 118644

Ion Ratio Lower Upper

43 100

58 26.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

40000

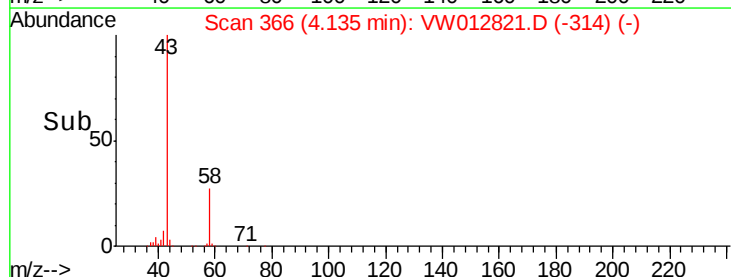
30000

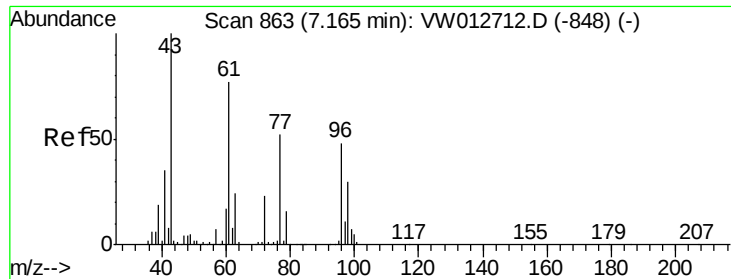
20000

10000

0

Time-->





#25

2-Butanone

Concen: 29.371 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

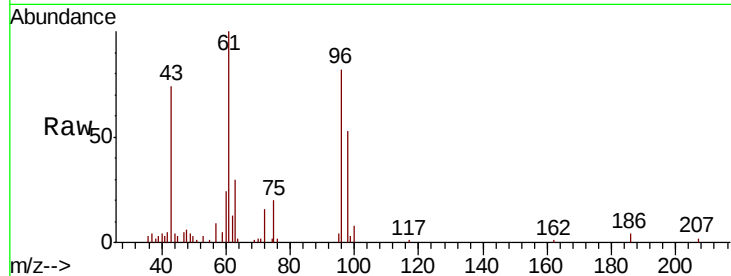
EAST-SIDE-WALL-1

Tgt Ion: 43 Resp: 10871

Ion Ratio Lower Upper

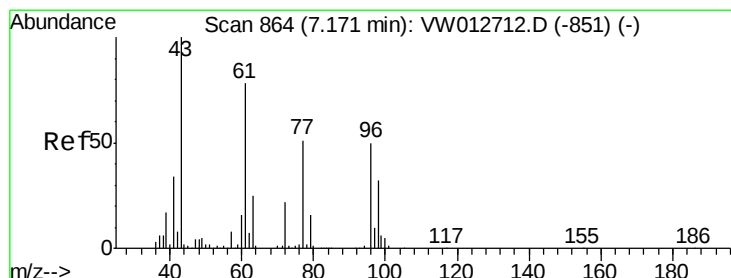
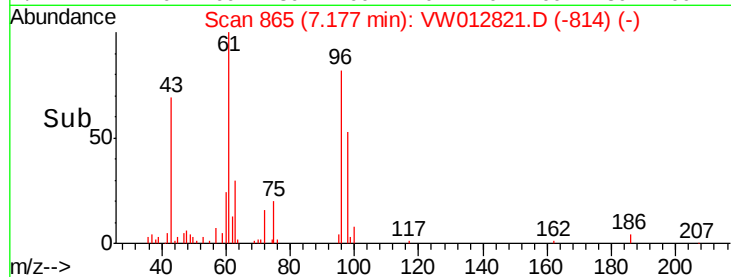
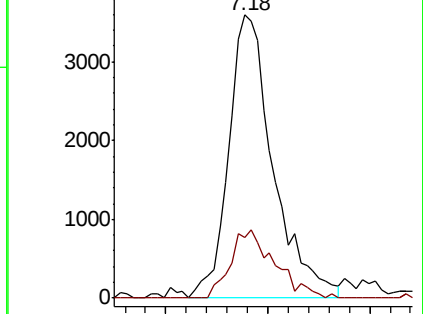
43 100

72 21.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#27

cis-1,2-Dichloroethene

Concen: 5.718 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

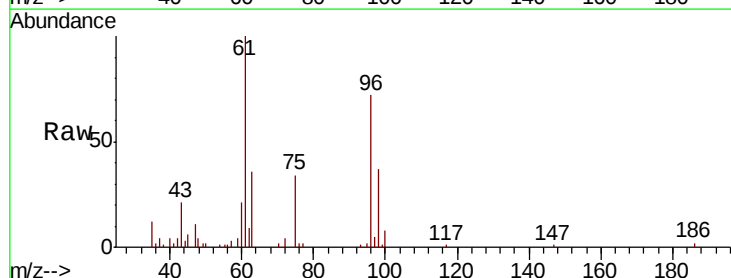
Tgt Ion: 96 Resp: 12874

Ion Ratio Lower Upper

96 100

61 143.0 0.0 325.8

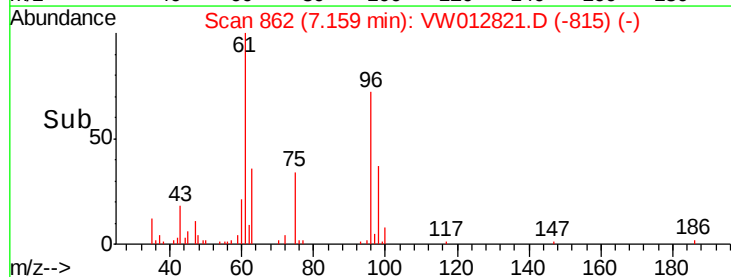
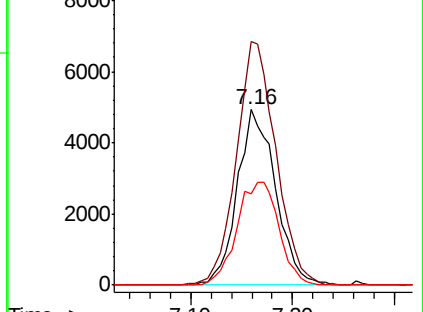
98 64.1 0.0 127.0

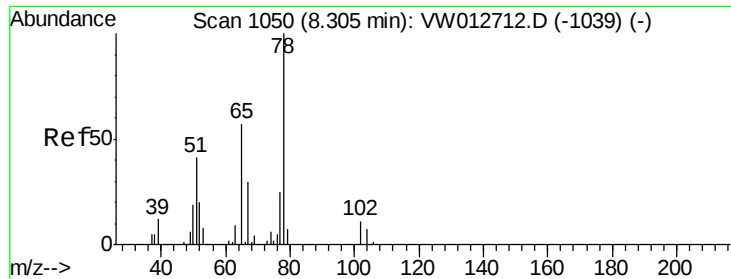


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

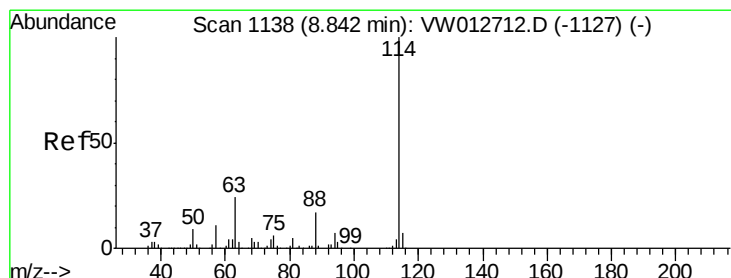
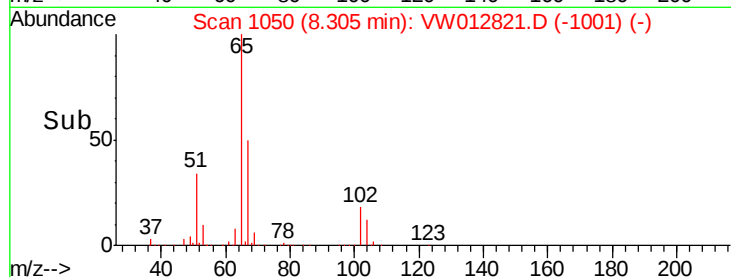
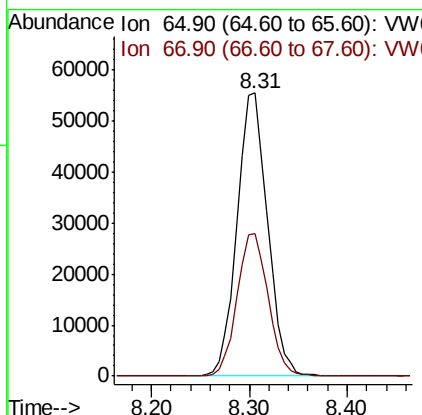
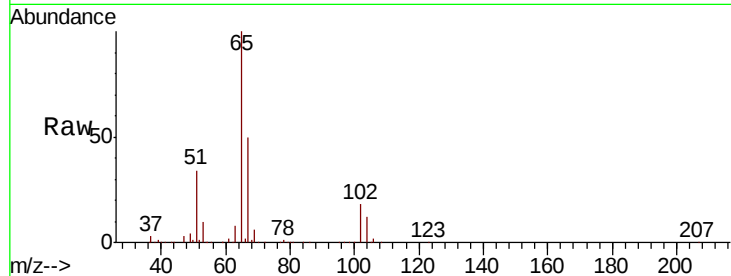




#33
 1,2-Dichloroethane-d4
 Concen: 46.694 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012821.D
 Acq: 09 Sep 2019 15:07

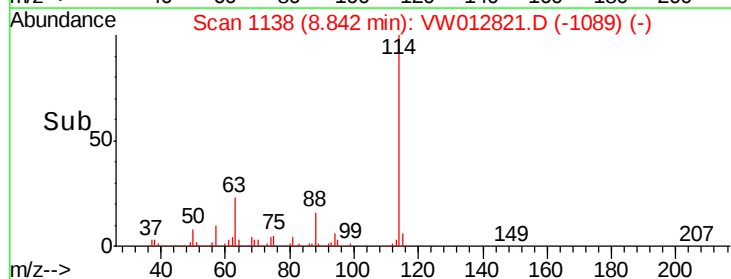
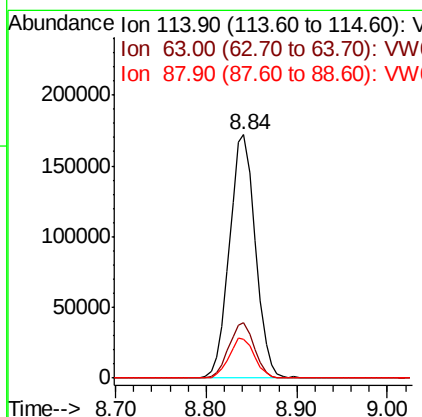
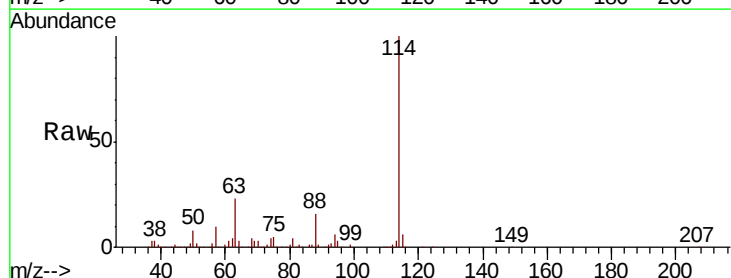
Instrument :
 MSVOA_W
 ClientSampleId :
 EAST-SIDE-WALL-1

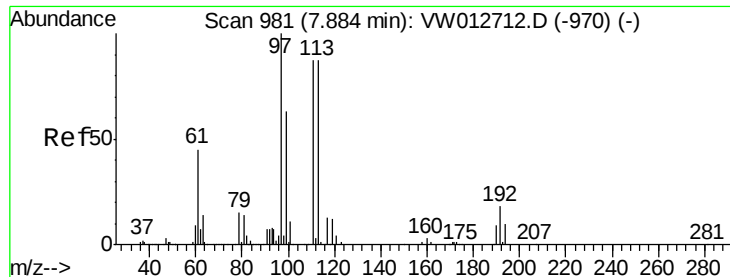
Tgt Ion: 65 Resp: 120223
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012821.D
 Acq: 09 Sep 2019 15:07

Tgt Ion: 114 Resp: 341198
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.2 0.0 34.0

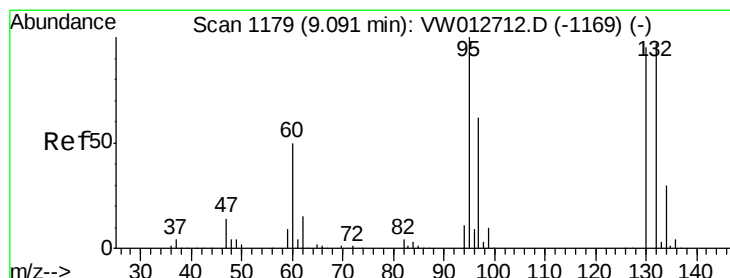
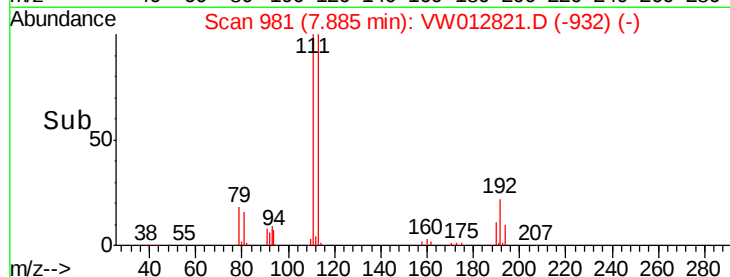
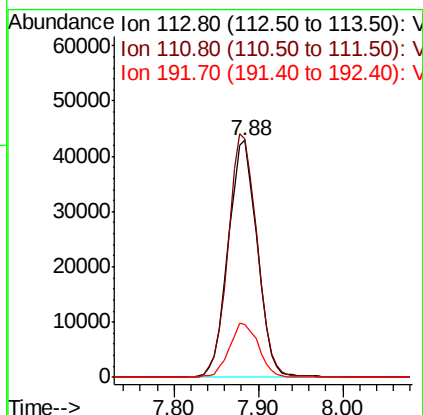
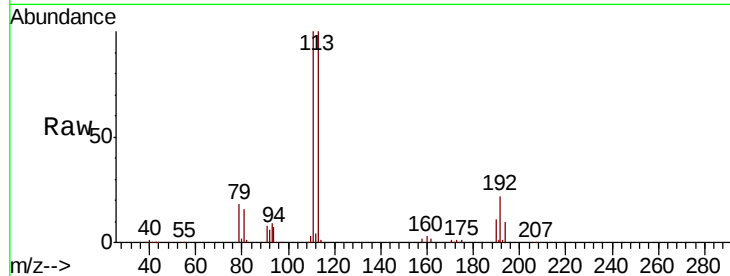




#35
 Dibromofluoromethane
 Concen: 49.486 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012821.D
 Acq: 09 Sep 2019 15:07

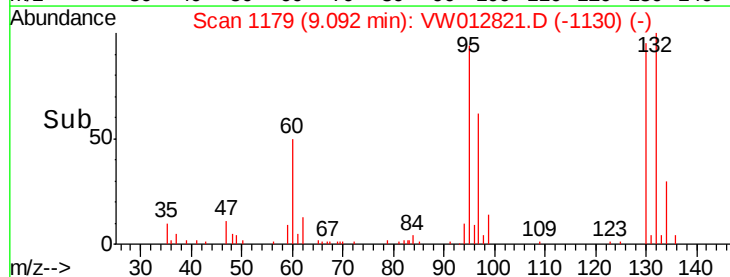
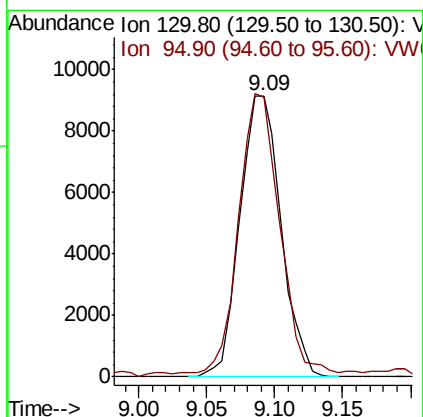
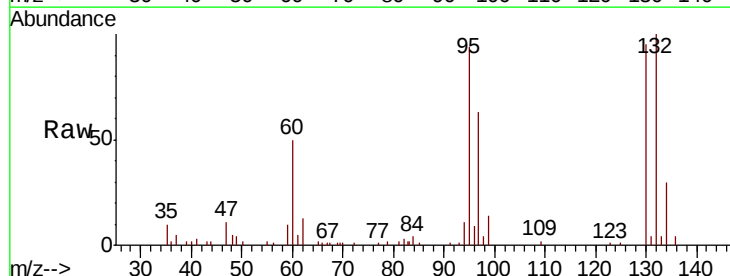
Instrument :
 MSVOA_W
 ClientSampleId :
 EAST-SIDE-WALL-1

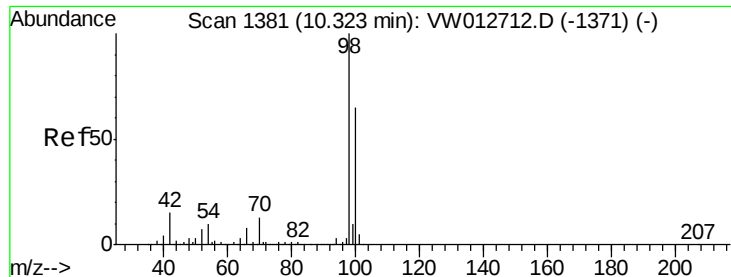
Tgt Ion:113 Resp: 100384
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.2 120.4
 192 22.9 17.3 25.9



#44
 Trichloroethene
 Concen: 8.913 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW012821.D
 Acq: 09 Sep 2019 15:07

Tgt Ion:130 Resp: 19324
 Ion Ratio Lower Upper
 130 100
 95 97.7 0.0 210.6





#50

Toluene-d8

Concen: 49.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

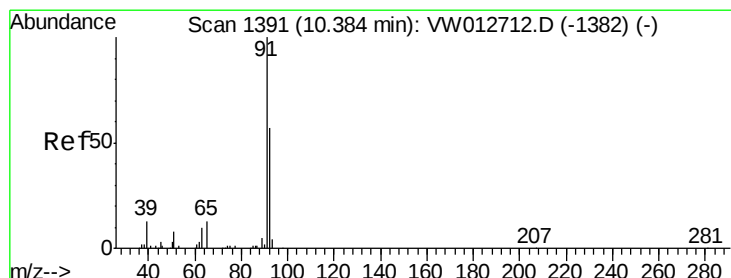
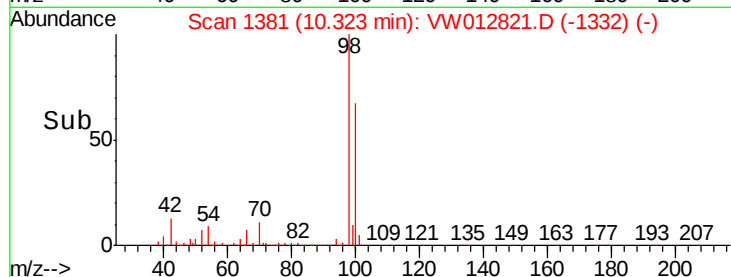
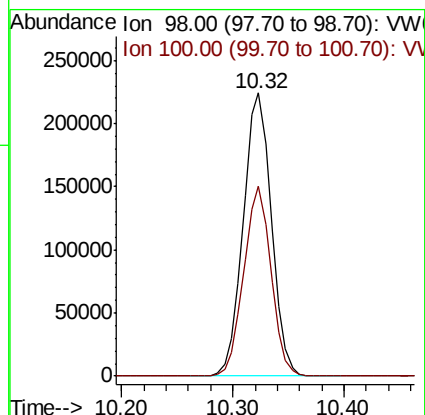
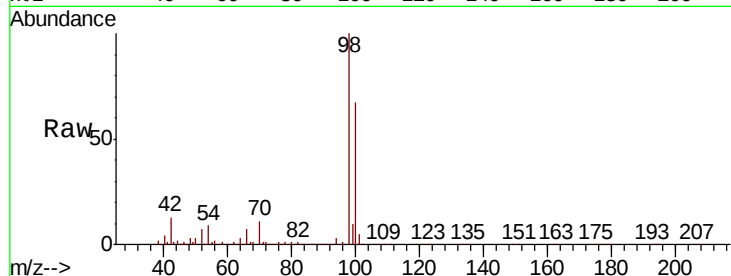
EAST-SIDE-WALL-1

Tgt Ion: 98 Resp: 393693

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#52

Toluene

Concen: 1.062 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW012821.D

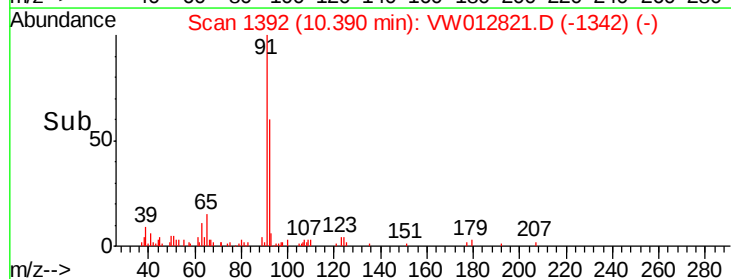
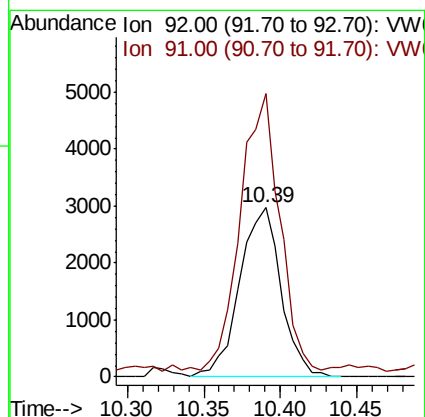
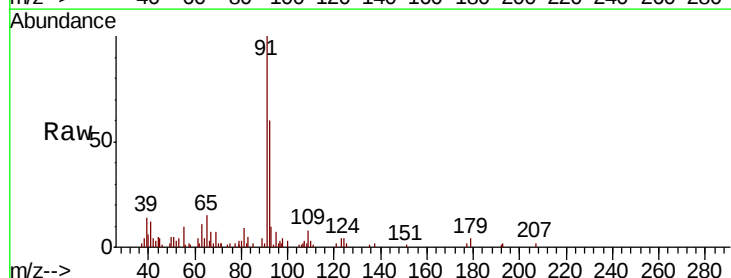
Acq: 09 Sep 2019 15:07

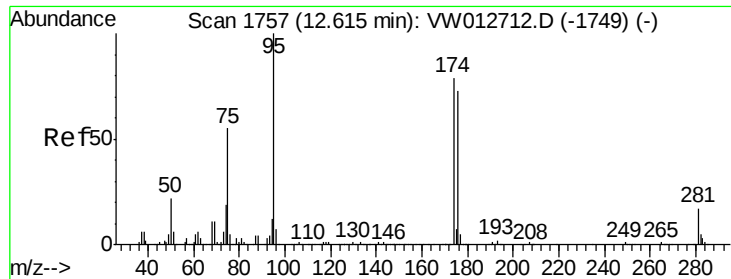
Tgt Ion: 92 Resp: 5577

Ion Ratio Lower Upper

92 100

91 154.5 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 33.220 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

EAST-SIDE-WALL-1

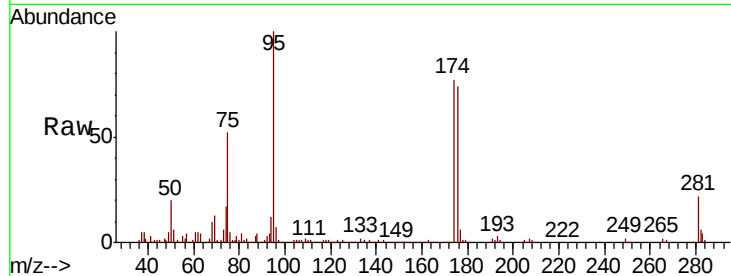
Tgt Ion: 95 Resp: 95842

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.0

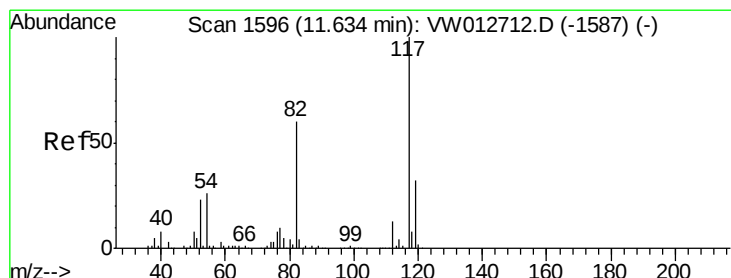
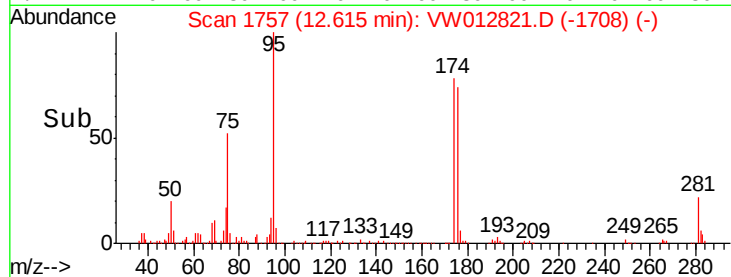
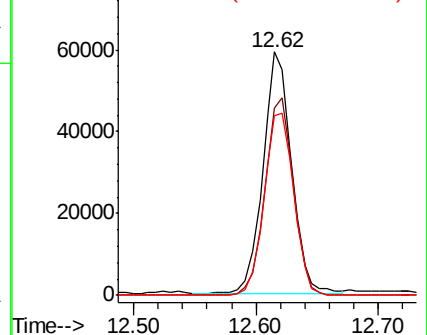
176 78.3 0.0 156.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

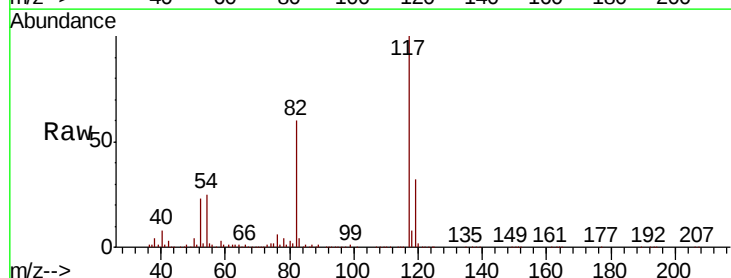
Tgt Ion: 117 Resp: 241078

Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

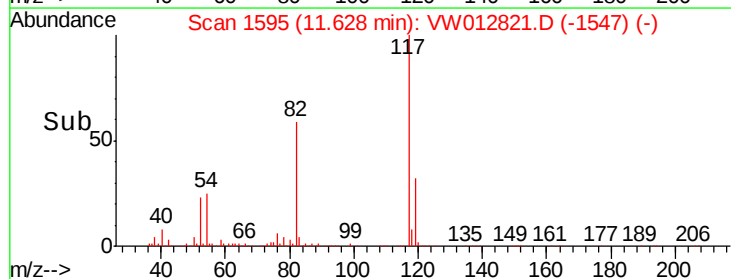
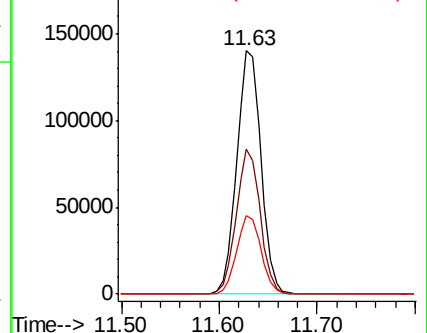
119 32.3 25.8 38.6

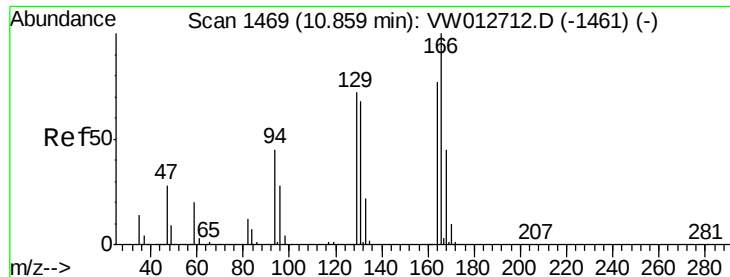


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 5.870 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW012821.D

Acq: 09 Sep 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

EAST-SIDE-WALL-1

Tgt Ion:164 Resp: 8587

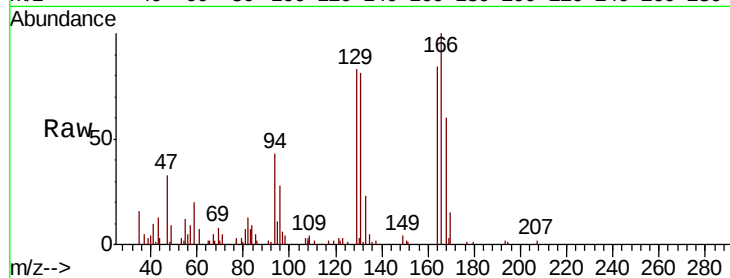
Ion Ratio Lower Upper

164 100

166 118.3 103.6 155.4

129 97.2 74.6 112.0

131 96.2 70.6 106.0

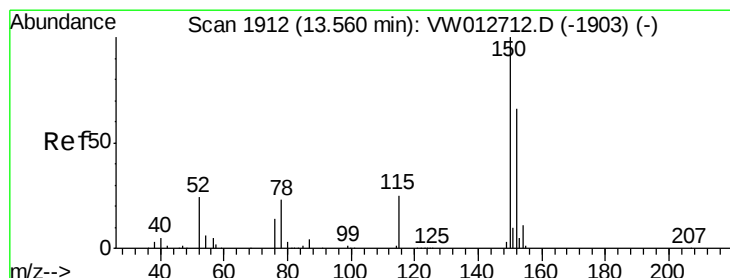
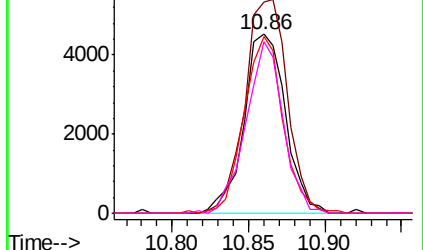
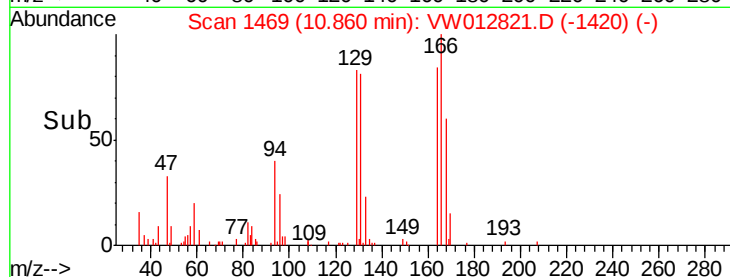


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW012821.D

Acq: 09 Sep 2019 15:07

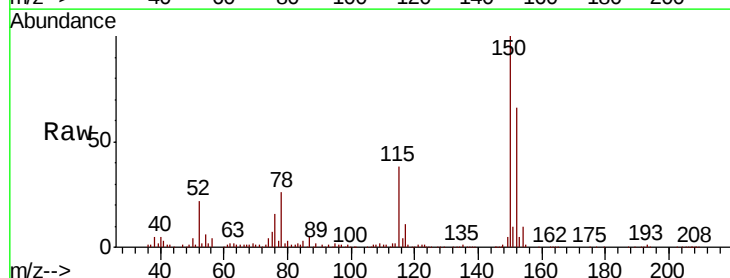
Tgt Ion:152 Resp: 70170

Ion Ratio Lower Upper

152 100

115 56.8 30.0 90.1

150 154.0 0.0 349.0



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

