

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010132.D
 Acq On : 08 Jun 2019 00:28
 Operator : JC/SP
 Sample : K3257-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190606

Quant Time: Jun 08 04:33:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

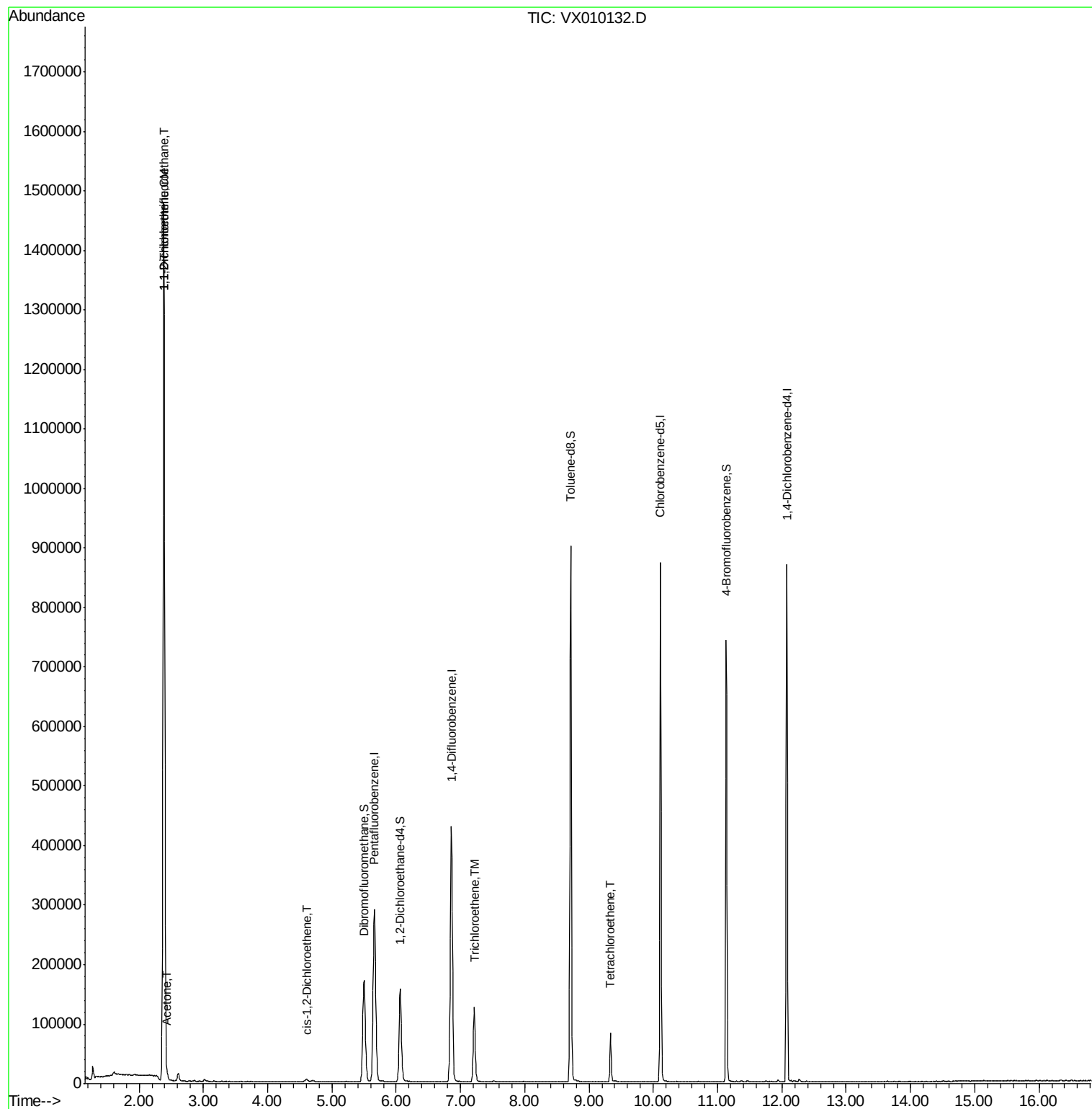
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	431307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142855	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	5.50	113	147764	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	561708	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	197222	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	595062	217.098	ug/l	91
12) 1,1-Dichloroethene	2.38	96	4578	1.635	ug/l #	58
16) Acetone	2.44	43	3670	2.565	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	2630	0.763	ug/l	73
44) Trichloroethene	7.21	130	51999	14.341	ug/l	87
64) Tetrachloroethene	9.34	164	16645	5.196	ug/l	97

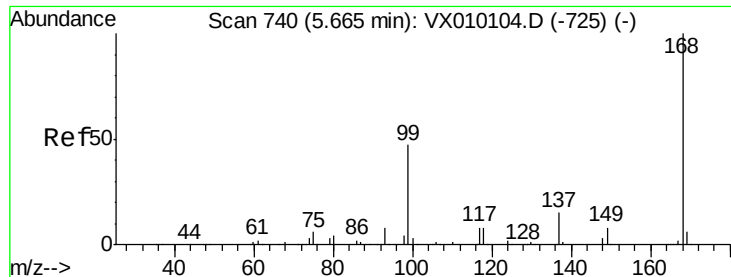
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

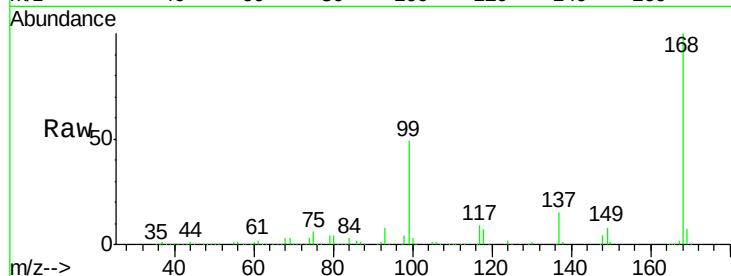
RE131D3-20190606

Tot Ion:168 Resp: 311686

Ion Ratio Lower Upper

168 100

99 48.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

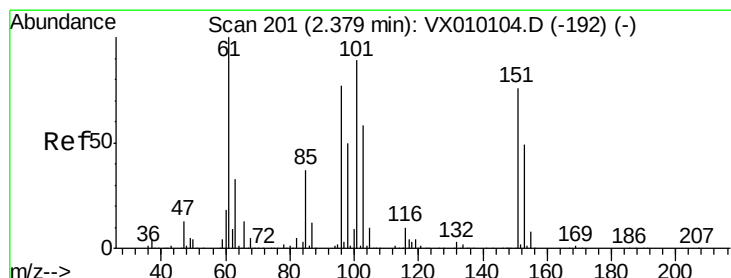
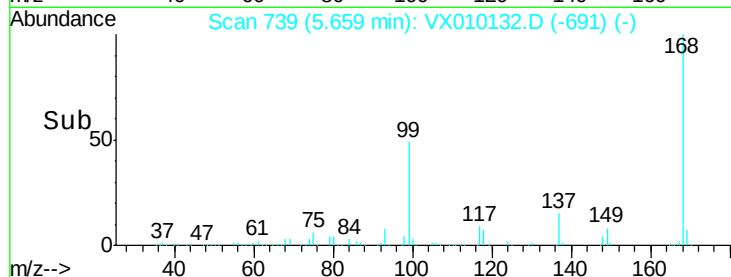
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 217.098 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

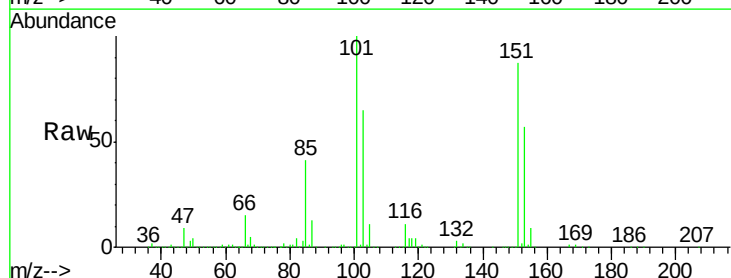
Tgt Ion:101 Resp: 595062

Ion Ratio Lower Upper

101 100

85 41.0 35.2 52.8

151 87.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

400000

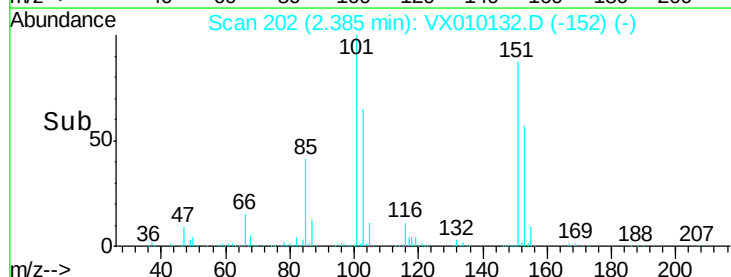
300000

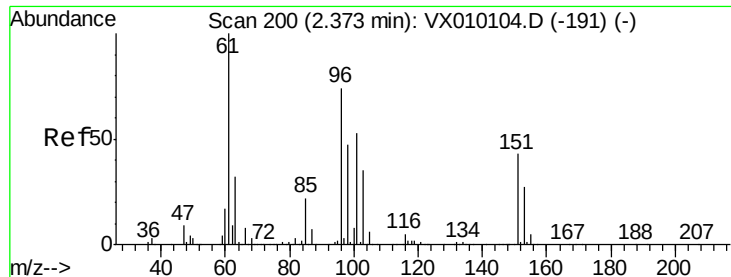
200000

100000

0

Time--> 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 1.635 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190606

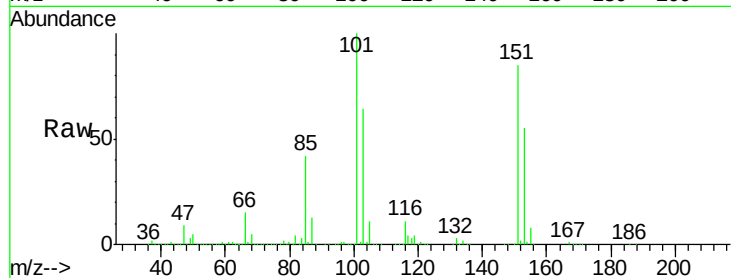
Tot Ion: 96 Resp: 4578

Ion Ratio Lower Upper

96 100

61 108.3 140.7 211.1#

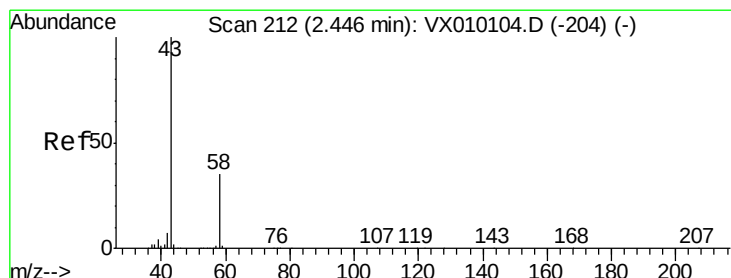
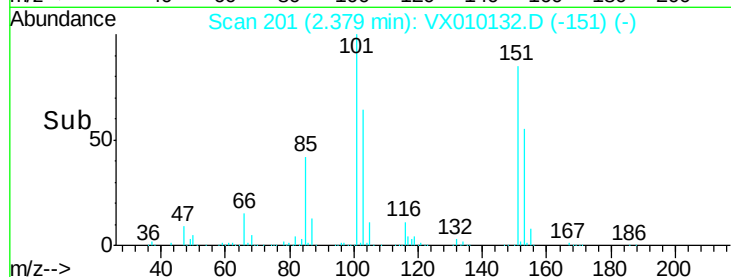
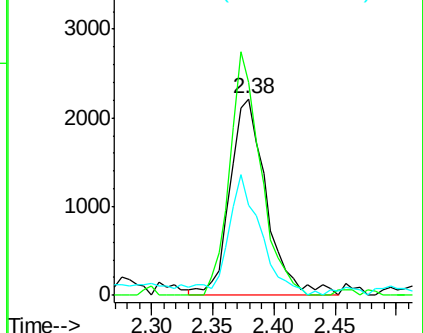
98 43.7 50.1 75.1#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 2.565 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010132.D

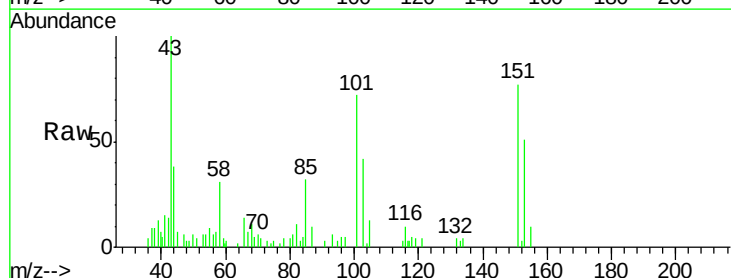
Acq: 08 Jun 2019 00:28

Tgt Ion: 43 Resp: 3670

Ion Ratio Lower Upper

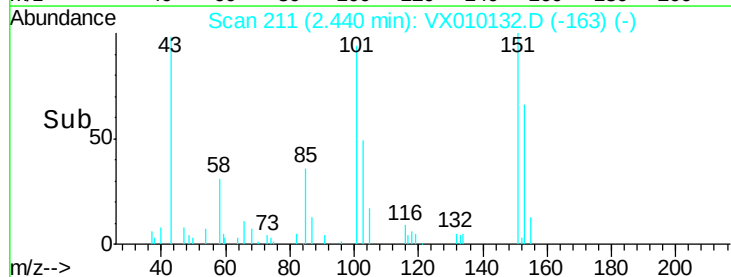
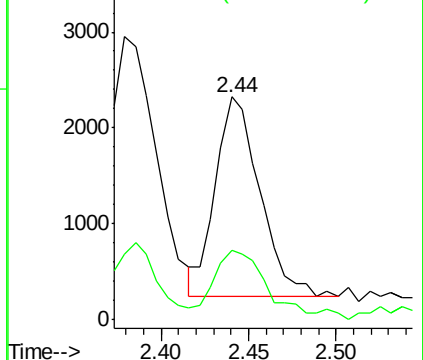
43 100

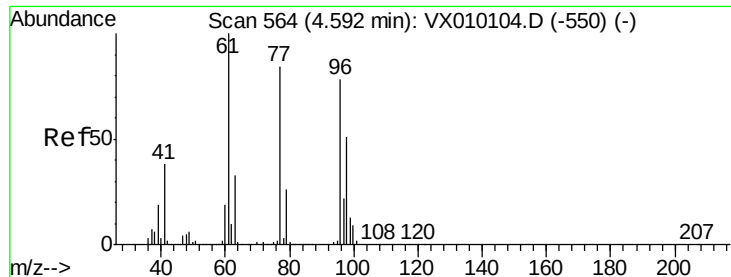
58 31.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



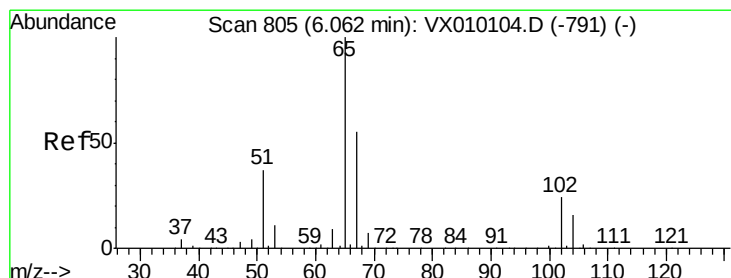
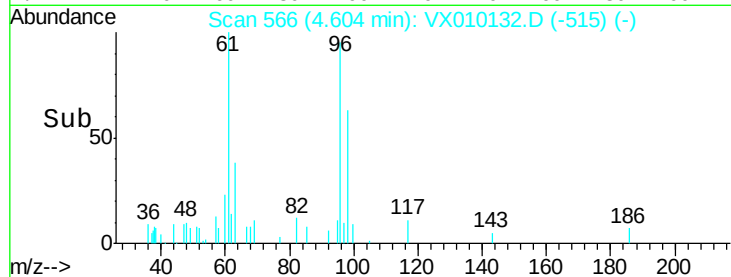
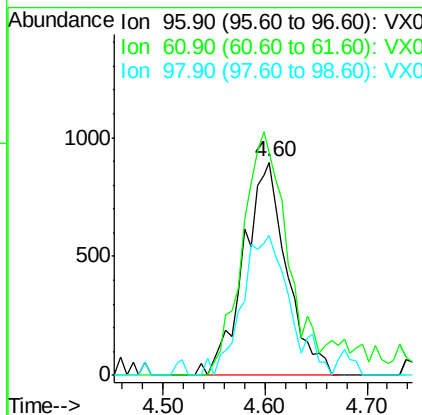
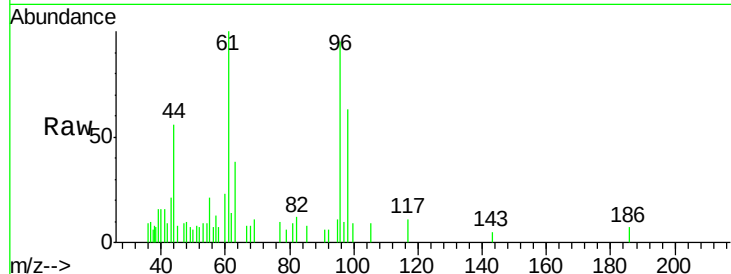


#27

cis-1,2-Dichloroethene
 Concen: 0.763 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010132.D
 Acq: 08 Jun 2019 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190606

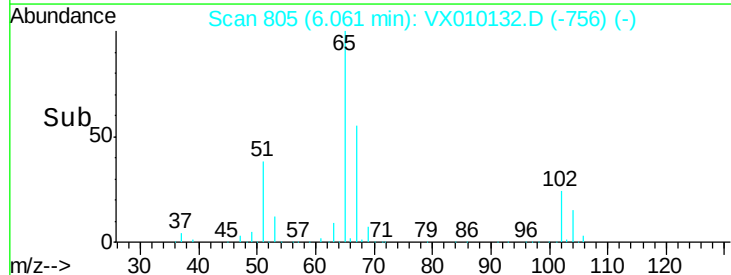
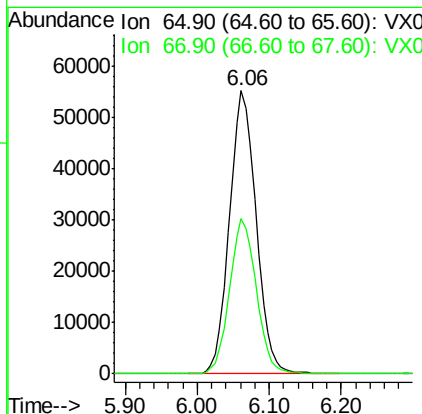
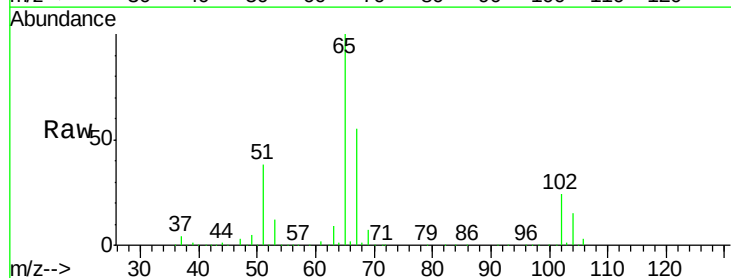
Tot Ion	96	Resp	2630
Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	334.0
98	72.7	0.0	131.6

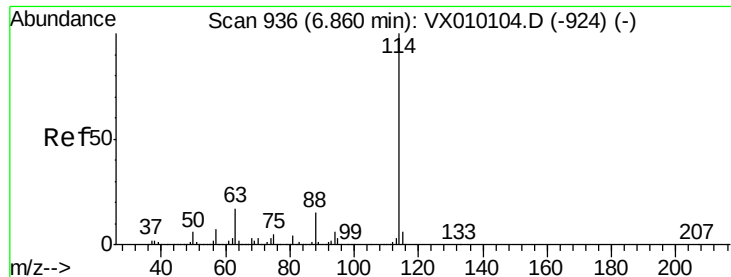


#33

1,2-Dichloroethane-d4
 Concen: 46.955 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010132.D
 Acq: 08 Jun 2019 00:28

Tgt Ion	65	Resp	142855
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190606

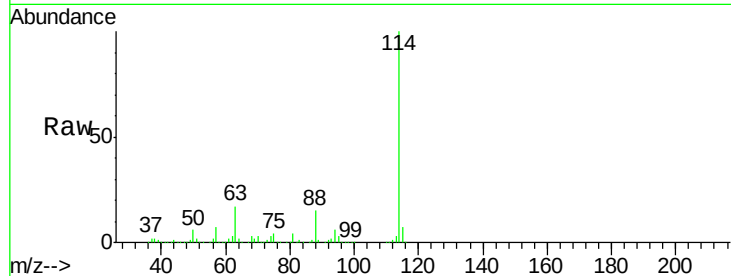
Tot Ion:114 Resp: 476823

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

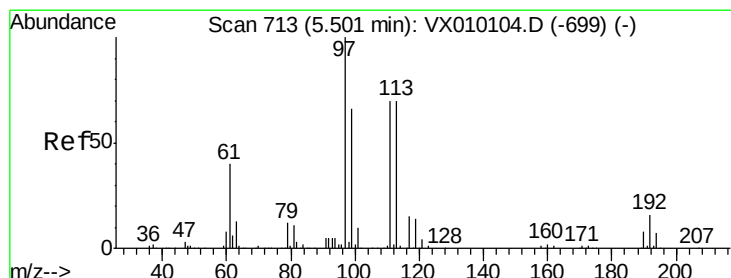
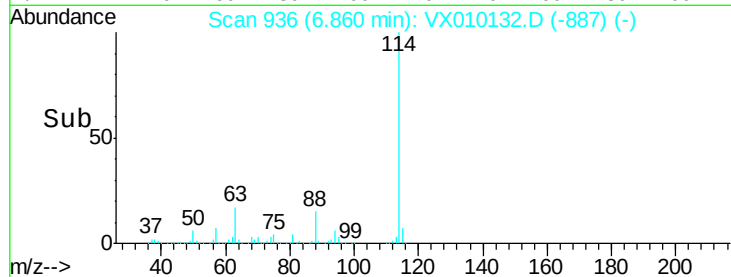
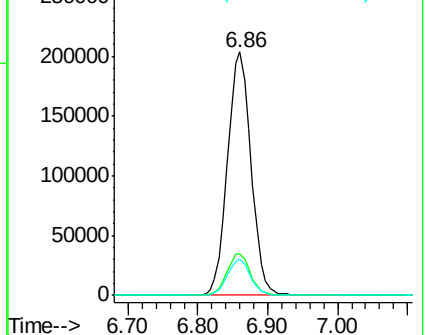
88 14.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

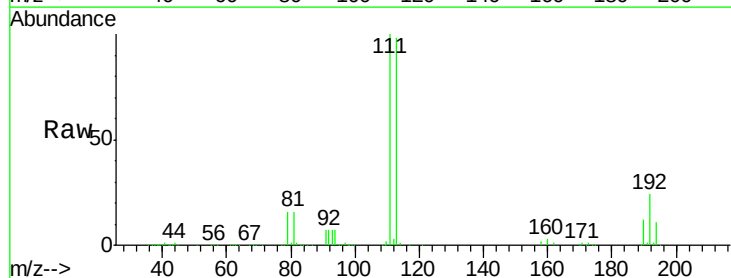
Tgt Ion:113 Resp: 147764

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

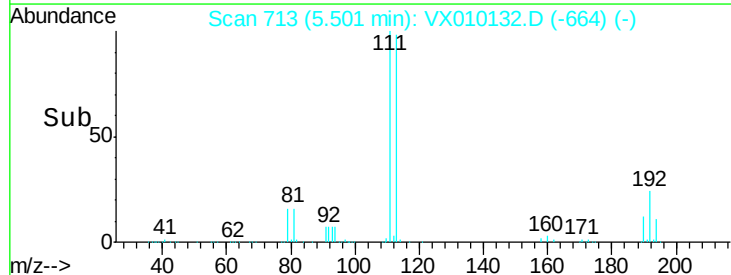
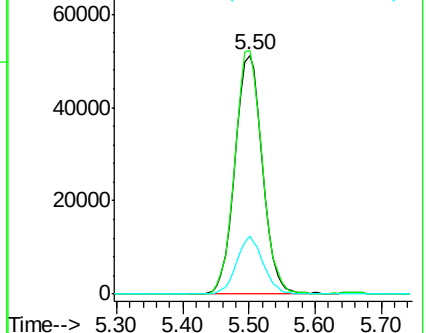
192 23.3 17.1 25.7

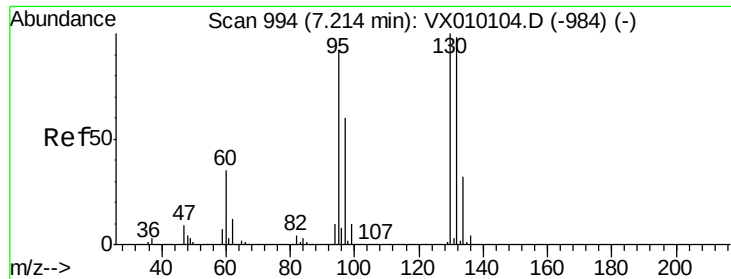


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 14.341 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

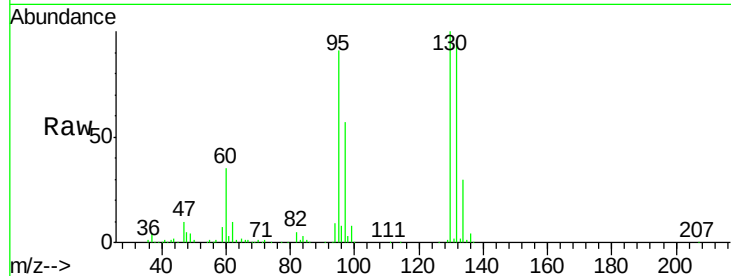
RE131D3-20190606

Tot Ion:130 Resp: 51999

Ion Ratio Lower Upper

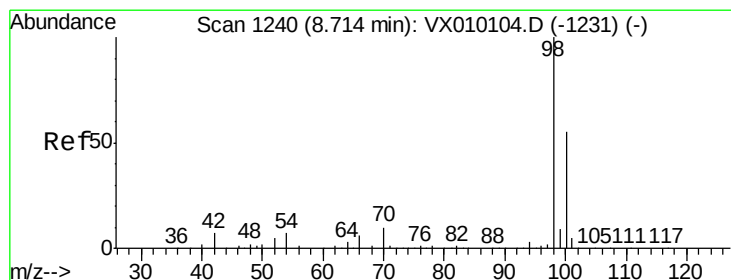
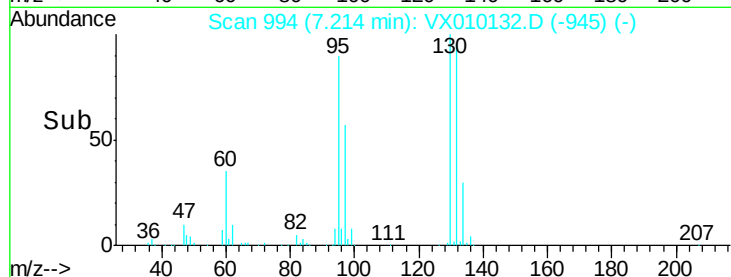
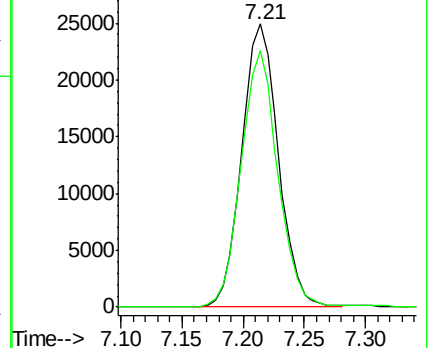
130 100

95 90.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.958 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010132.D

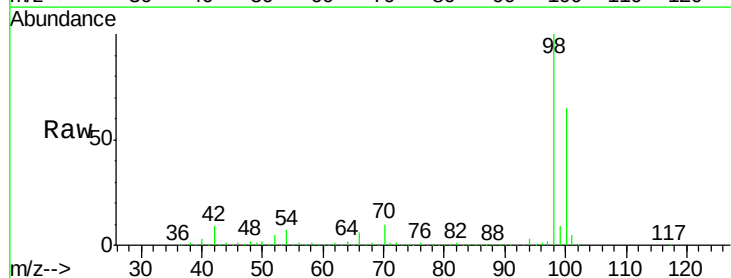
Acq: 08 Jun 2019 00:28

Tgt Ion: 98 Resp: 561708

Ion Ratio Lower Upper

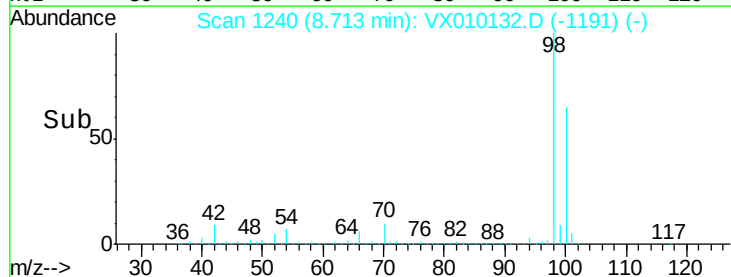
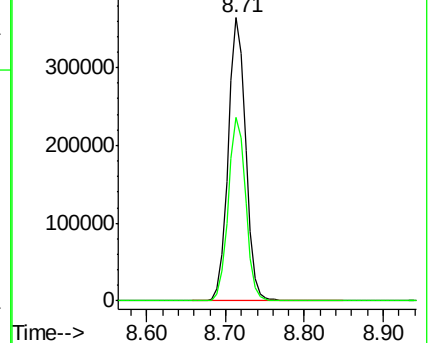
98 100

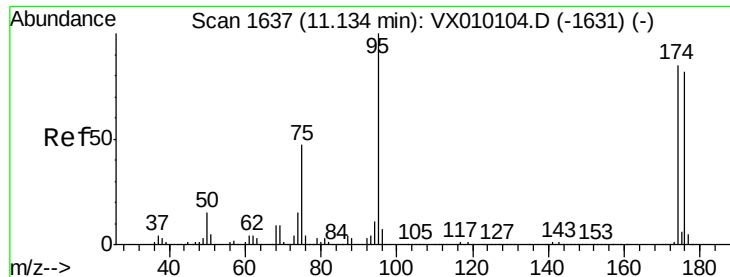
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.909 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190606

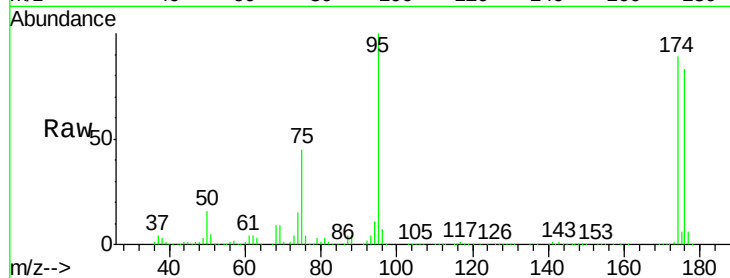
Tot Ion: 95 Resp: 197222

Ion Ratio Lower Upper

95 100

174 91.9 0.0 160.4

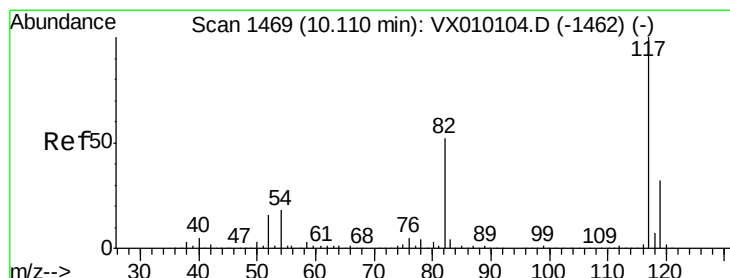
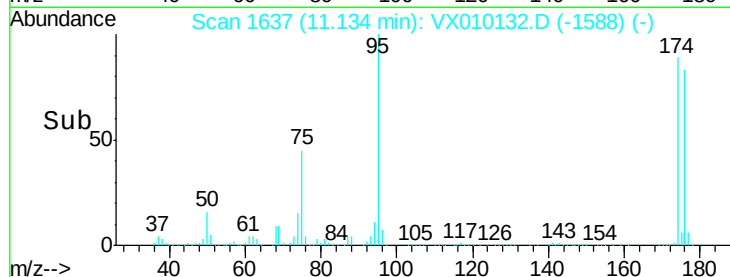
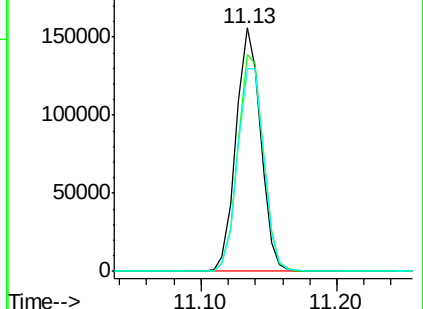
176 89.2 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

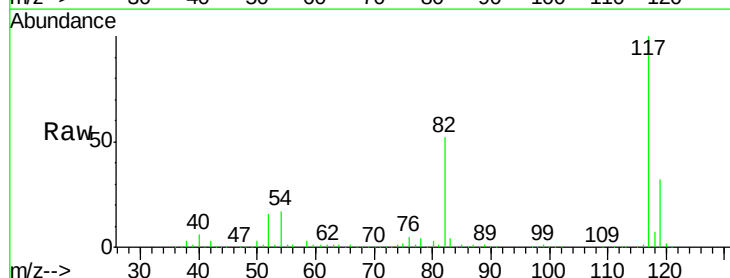
Tgt Ion: 117 Resp: 431307

Ion Ratio Lower Upper

117 100

82 52.2 49.2 73.8

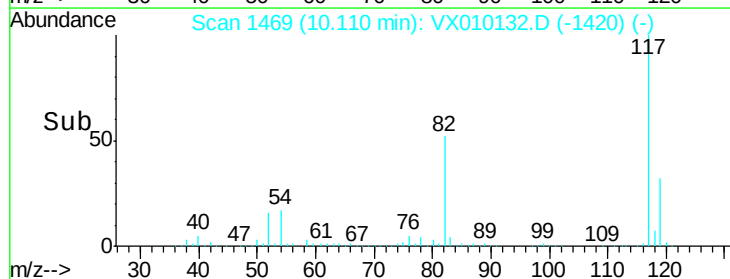
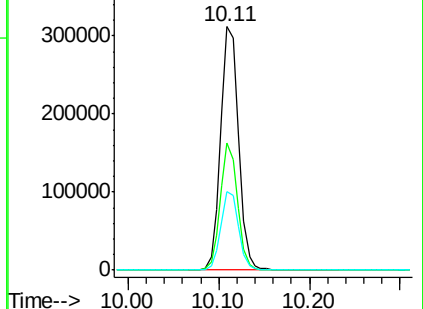
119 32.1 25.2 37.8

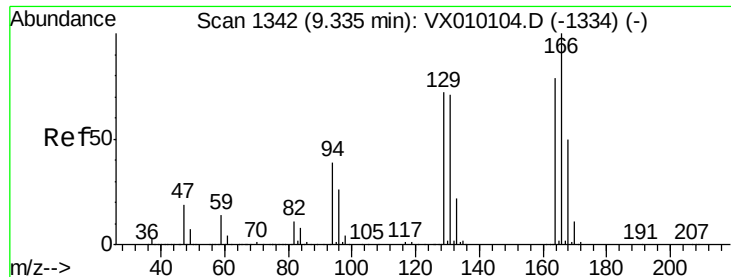


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#64

Tetrachloroethene

Concen: 5.196 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190606

Tot Ion:164 Resp: 16645

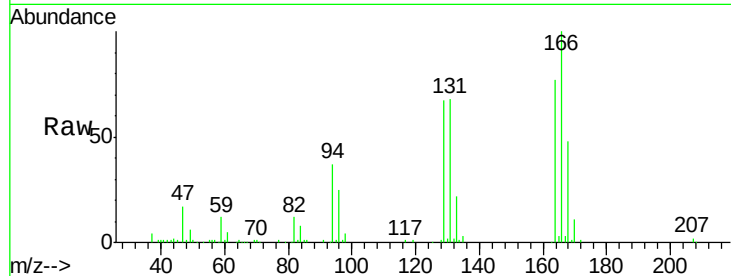
Ion Ratio Lower Upper

164 100

166 129.8 105.0 157.4

129 86.5 75.1 112.7

131 88.0 72.2 108.4

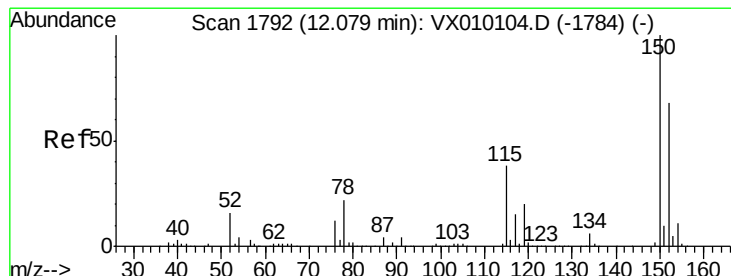
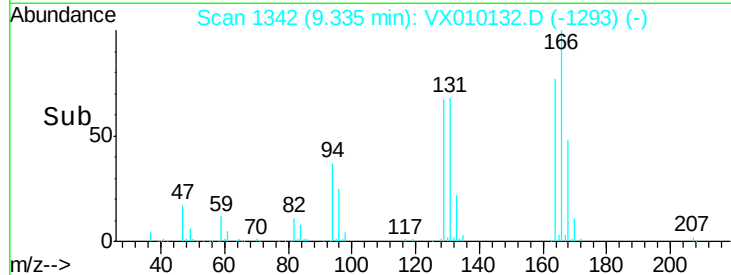
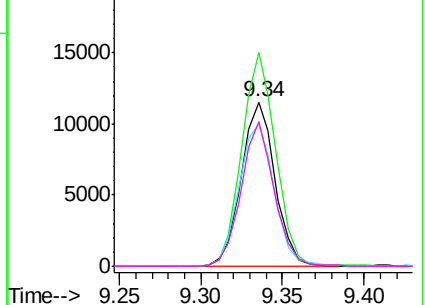


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010132.D

Acq: 08 Jun 2019 00:28

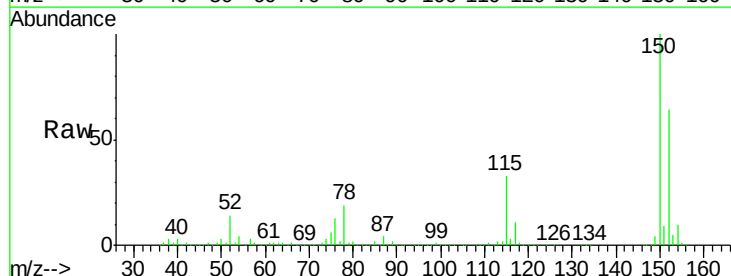
Tgt Ion:152 Resp: 201866

Ion Ratio Lower Upper

152 100

115 54.0 41.4 124.2

150 155.1 0.0 345.2



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

