

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001645.D
 Acq On : 11 May 2018 17:54
 Operator : JC/MD
 Sample : J2741-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-180501

Quant Time: May 12 07:05:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

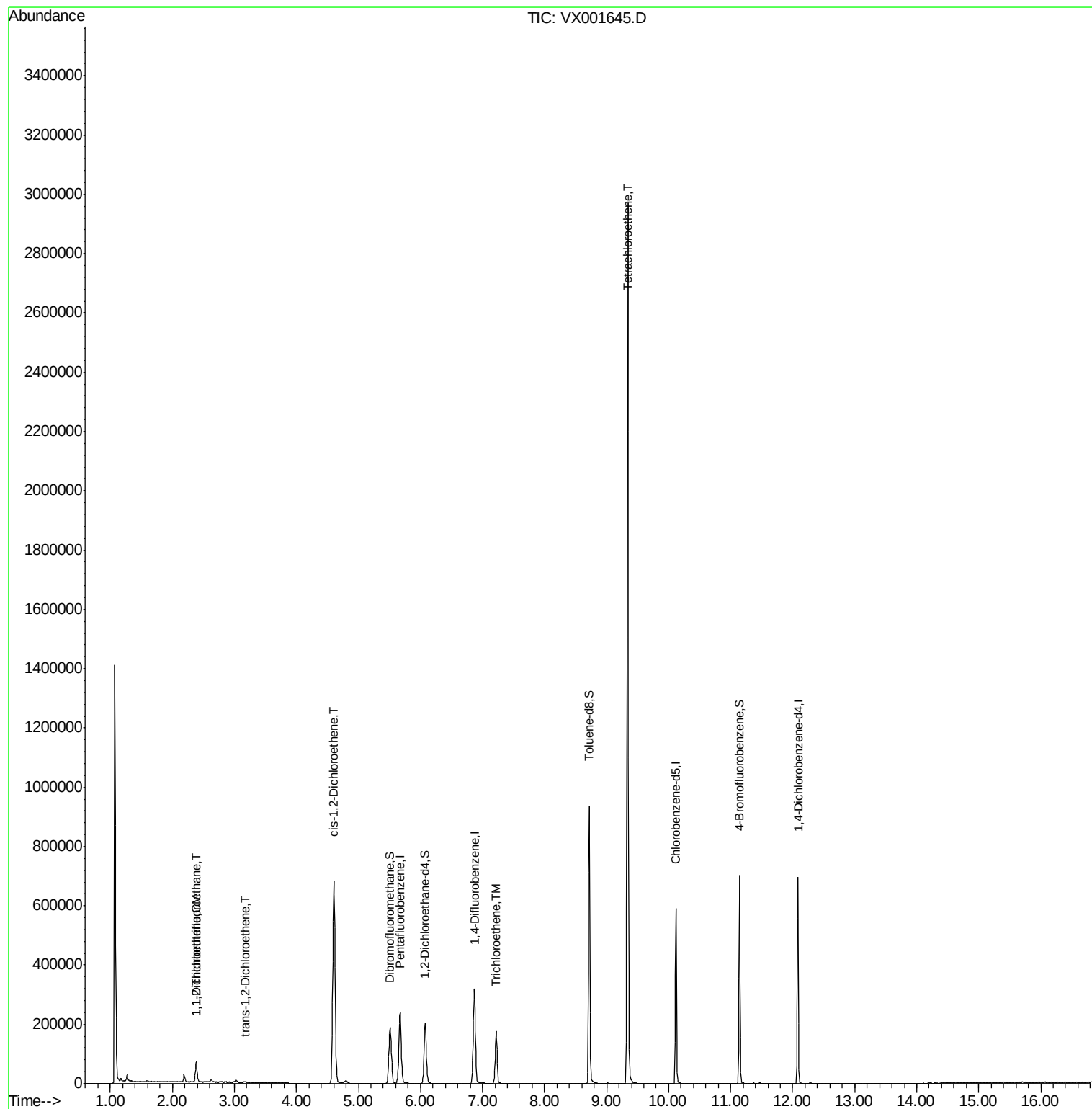
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194115	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	5.51	113	154957	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	8.72	98	541435	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.14	95	173462	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27024	9.01	ug/l	97
12) 1,1-Dichloroethene	2.38	96	862	0.31	ug/l	84
21) trans-1,2-Dichloroethene	3.17	96	1408	0.46	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	435651	133.40	ug/l	86
44) Trichloroethene	7.22	130	70472	18.68	ug/l	94
64) Tetrachloroethene	9.34	164	625740	155.47	ug/l	100

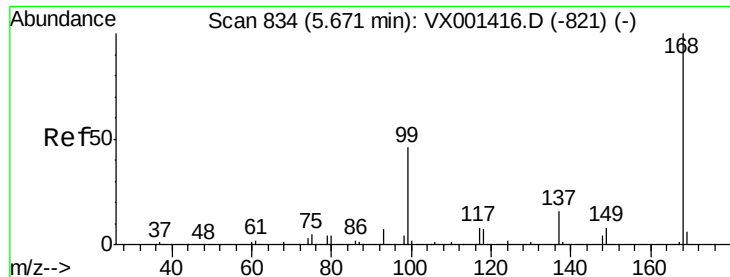
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

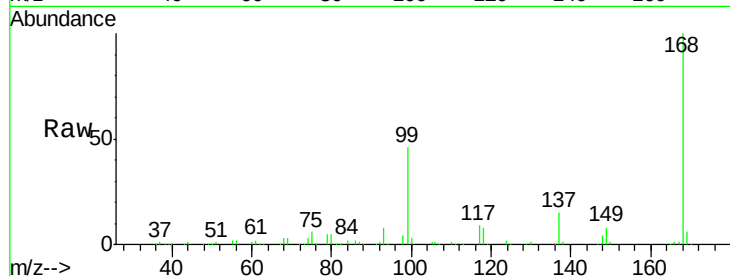
M-19-180501

Tot Ion:168 Resp: 248315

Ion Ratio Lower Upper

168 100

99 46.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

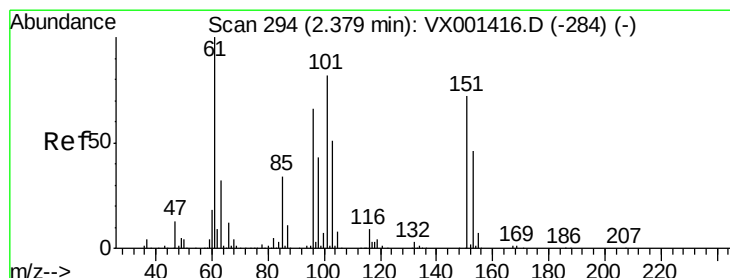
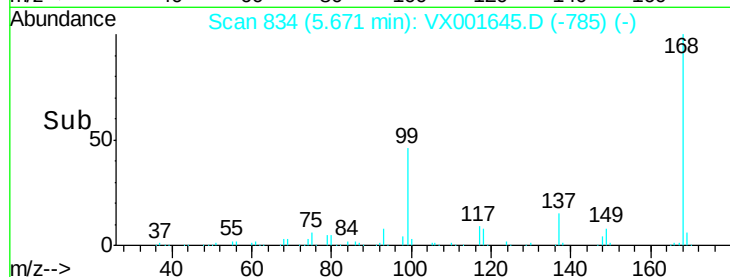
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

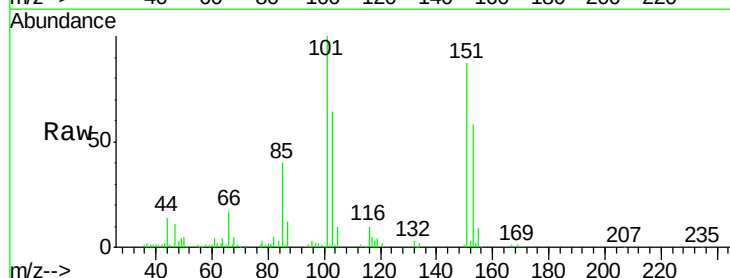
Tgt Ion:101 Resp: 27024

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

151 87.5 72.3 108.5



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

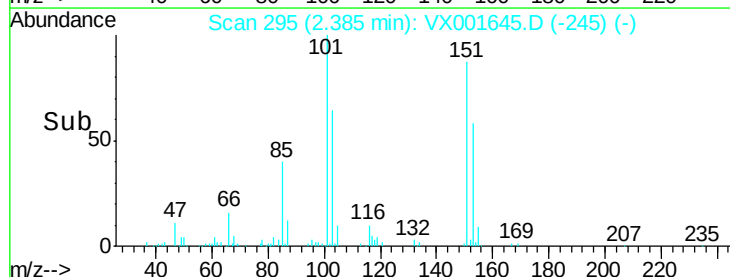
15000

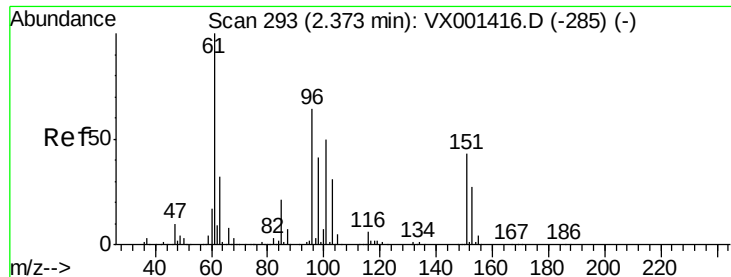
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 0.31 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

M-19-180501

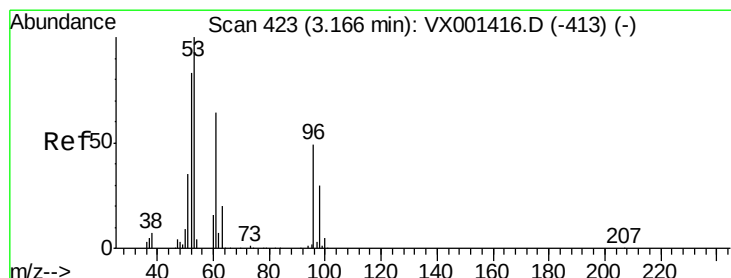
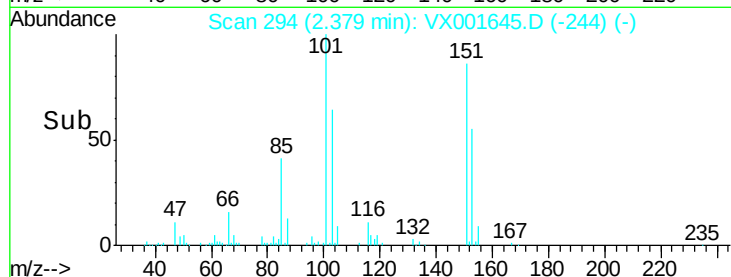
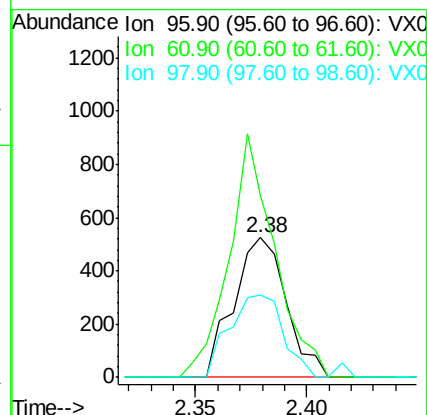
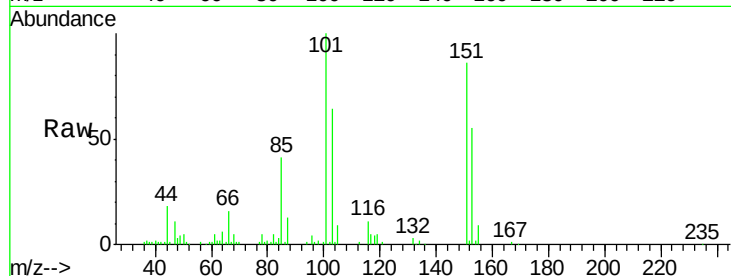
Tot Ion: 96 Resp: 862

Ion Ratio Lower Upper

96 100

61 130.9 125.7 188.5

98 58.8 52.0 78.0



#21

trans-1,2-Dichloroethene

Concen: 0.46 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

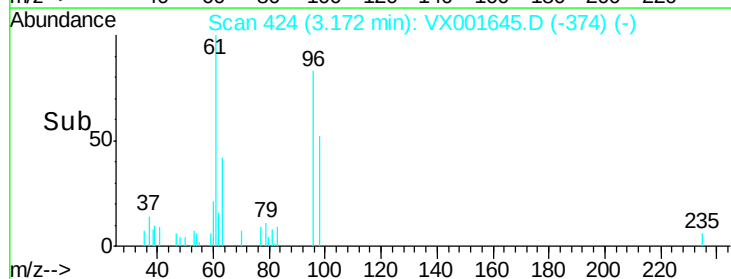
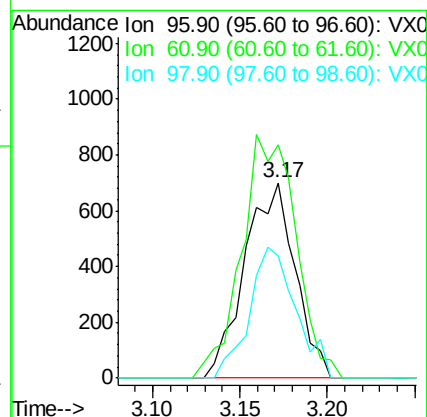
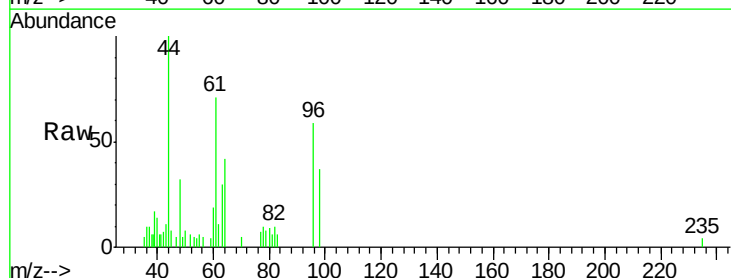
Tgt Ion: 96 Resp: 1408

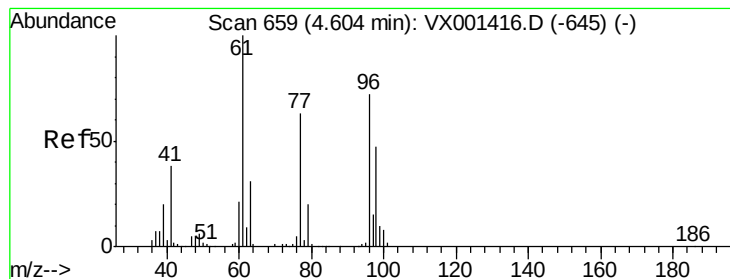
Ion Ratio Lower Upper

96 100

61 119.9 105.0 157.4

98 62.7 49.9 74.9





#27

cis-1,2-Dichloroethene

Concen: 133.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

M-19-180501

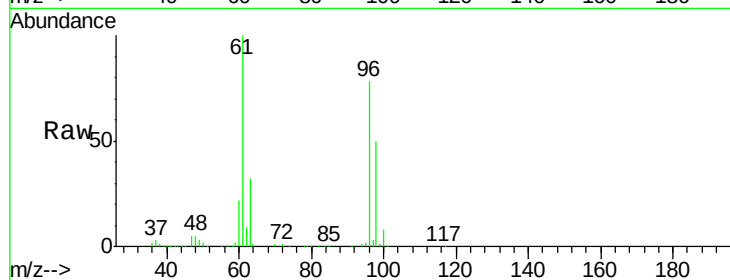
Tot Ion: 96 Resp: 435651

Ion Ratio Lower Upper

96 100

61 126.4 0.0 301.6

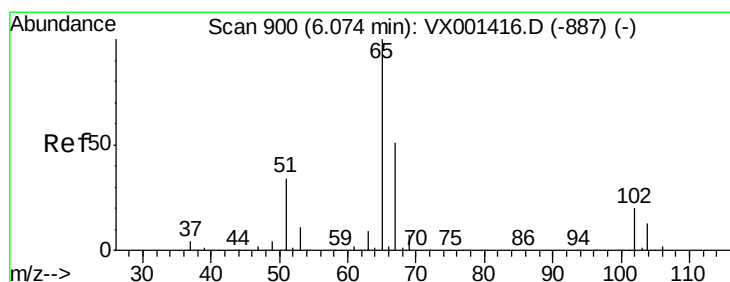
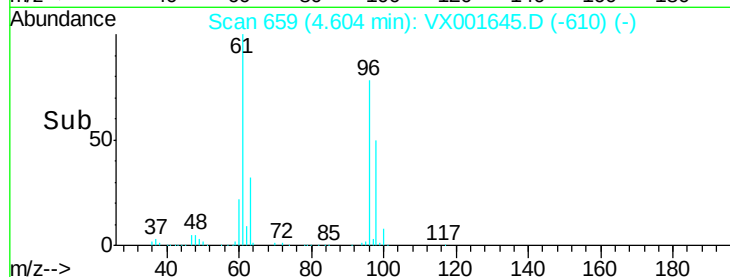
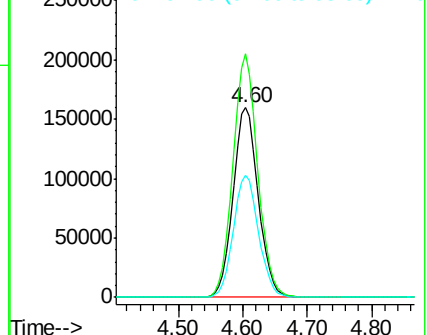
98 64.7 0.0 131.6



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



#33

1,2-Dichloroethane-d4

Concen: 54.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001645.D

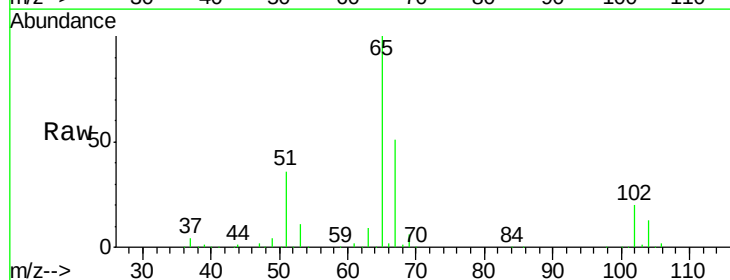
Acq: 11 May 2018 17:54

Tgt Ion: 65 Resp: 194115

Ion Ratio Lower Upper

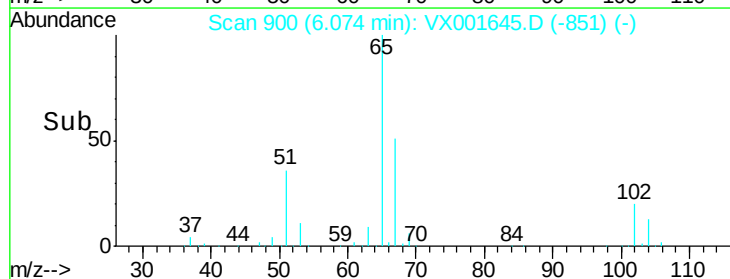
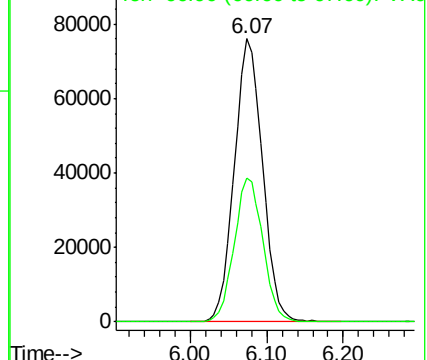
65 100

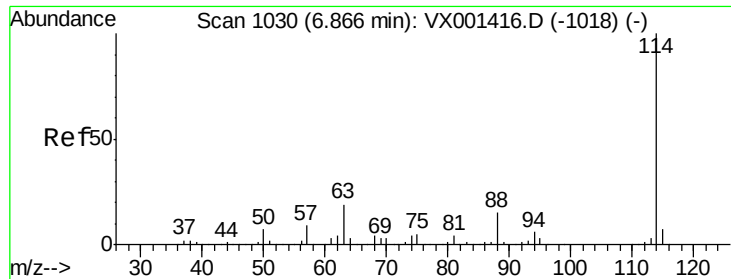
67 51.6 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

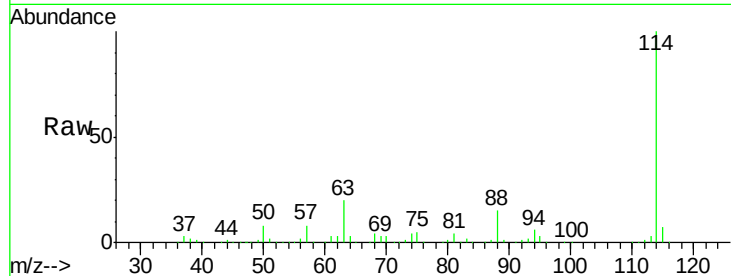




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001645.D
 Acq: 11 May 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-180501

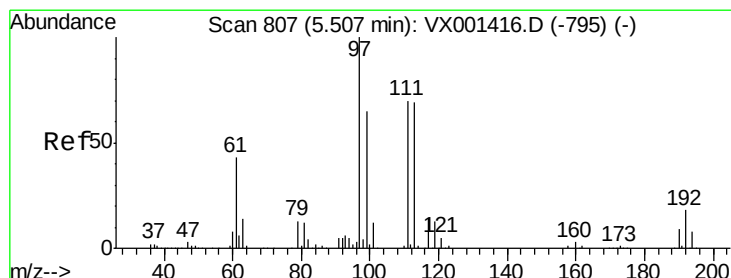
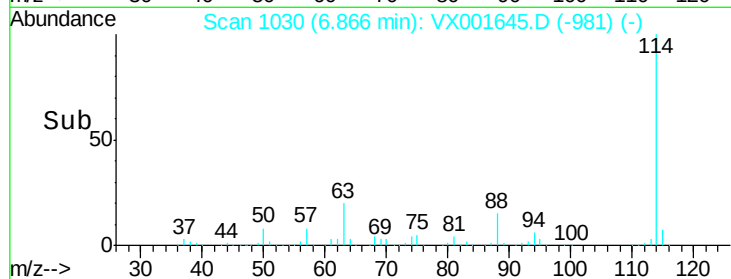
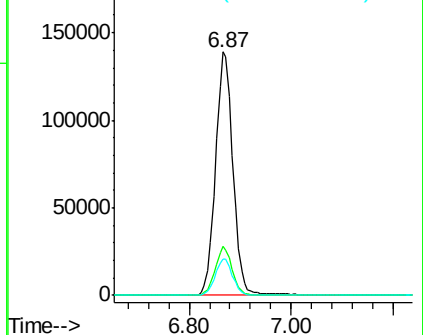
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	15.0	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

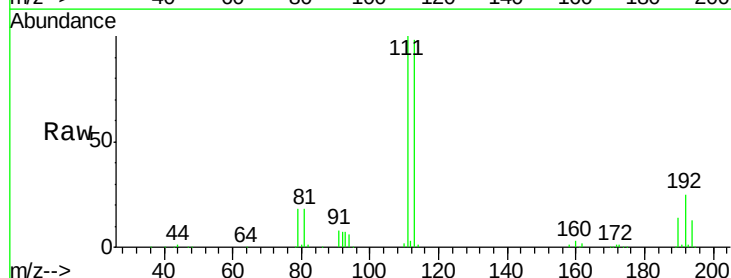
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 52.44 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001645.D
 Acq: 11 May 2018 17:54

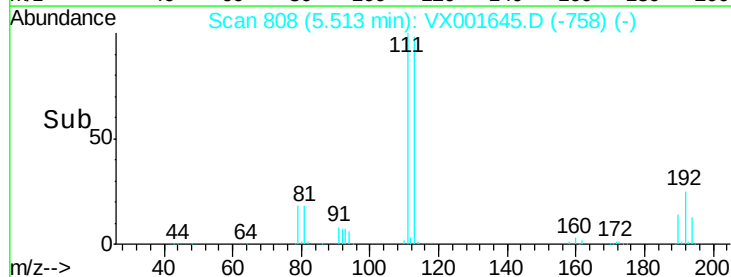
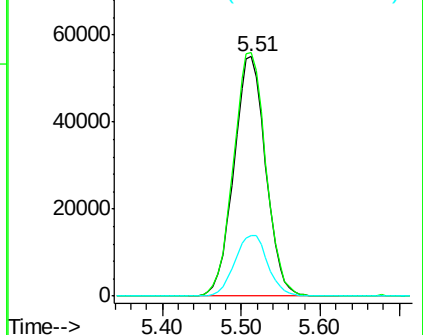
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	26.4	21.4	32.0

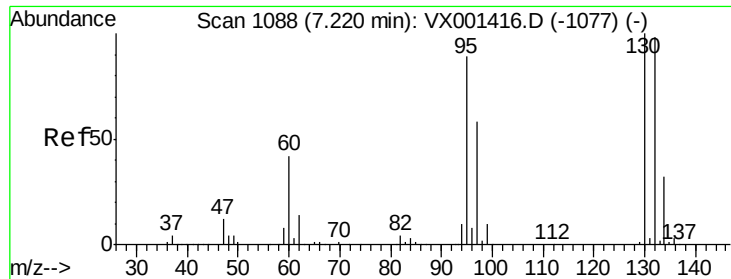


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 18.68 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

Instrument :

MSVOA_X

ClientSampled :

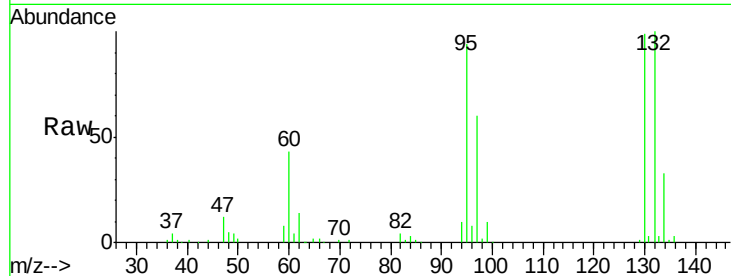
M-19-180501

Tot Ion:130 Resp: 70472

Ion Ratio Lower Upper

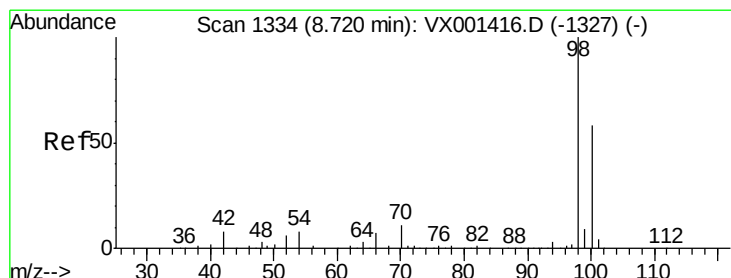
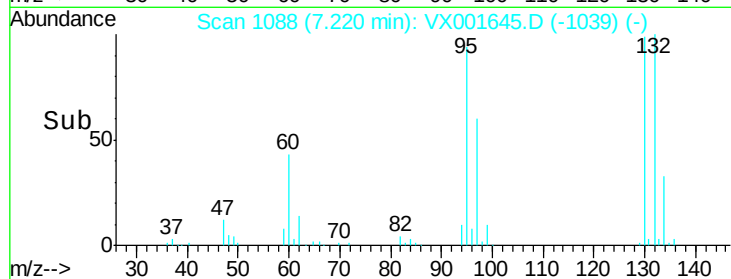
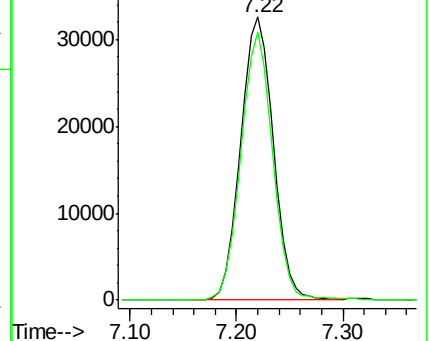
130 100

95 94.8 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001645.D

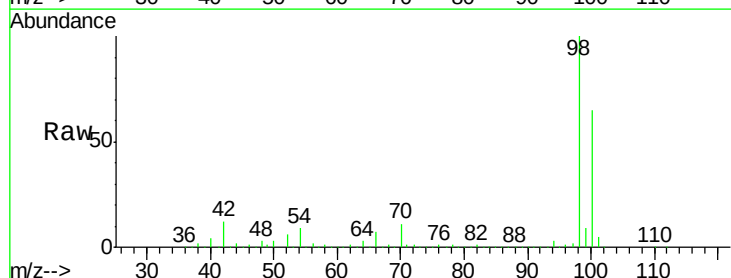
Acq: 11 May 2018 17:54

Tgt Ion: 98 Resp: 541435

Ion Ratio Lower Upper

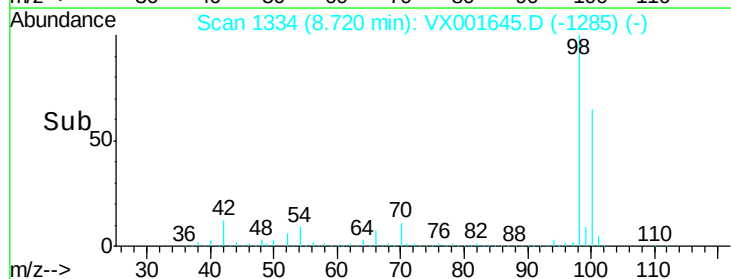
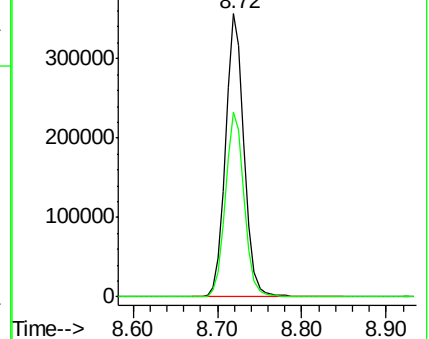
98 100

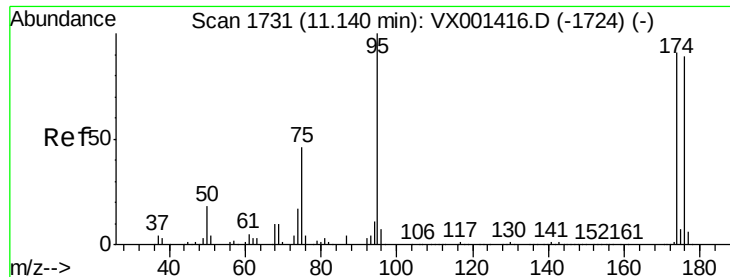
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

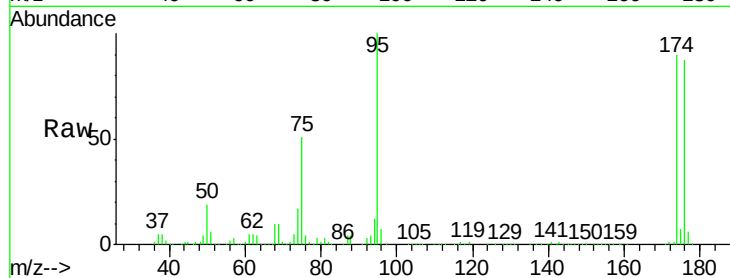




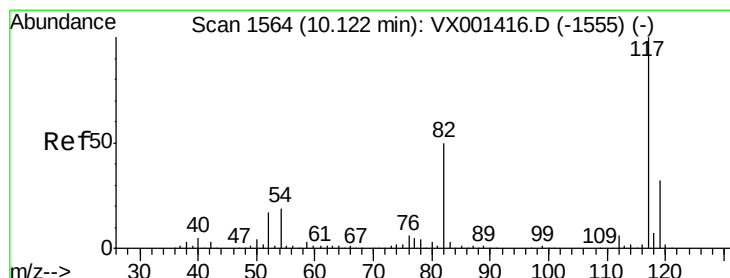
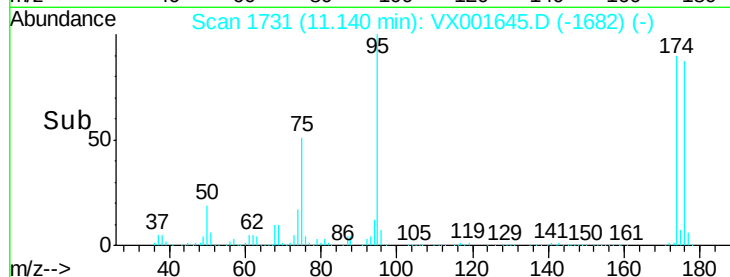
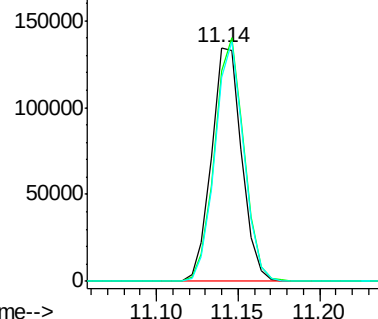
#62
4-Bromofluorobenzene
Concen: 41.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001645.D
Acq: 11 May 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
M-19-180501

Tot Ion: 95 Resp: 173462
Ion Ratio Lower Upper
95 100
174 100.6 0.0 202.0
176 98.0 0.0 197.4

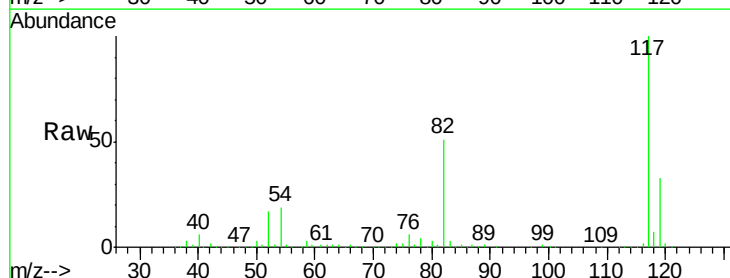


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

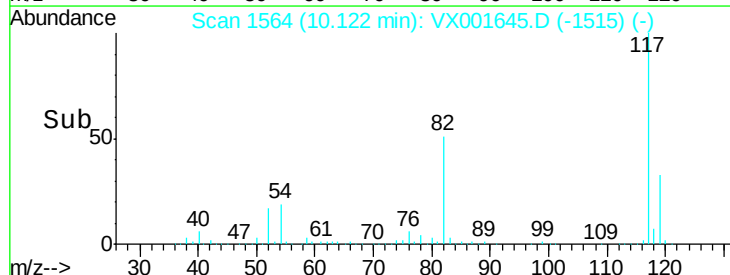
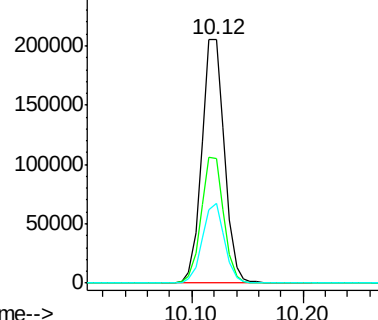


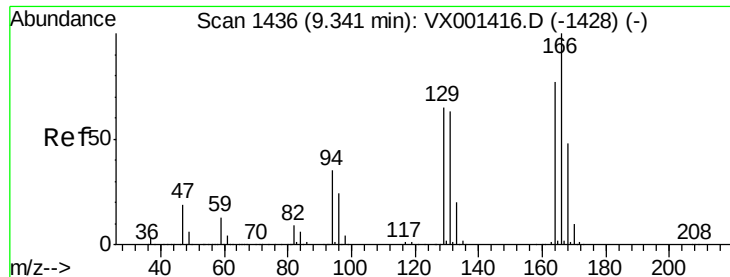
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001645.D
Acq: 11 May 2018 17:54

Tgt Ion: 117 Resp: 288756
Ion Ratio Lower Upper
117 100
82 51.2 40.0 60.0
119 32.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 155.47 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

M-19-180501

Tot Ion:164 Resp: 625740

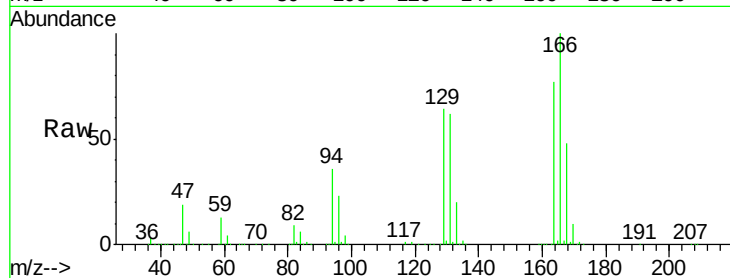
Ion Ratio Lower Upper

164 100

166 129.3 103.5 155.3

129 83.2 66.7 100.1

131 80.4 64.9 97.3

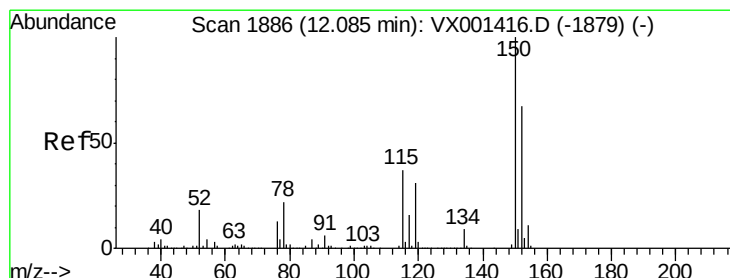
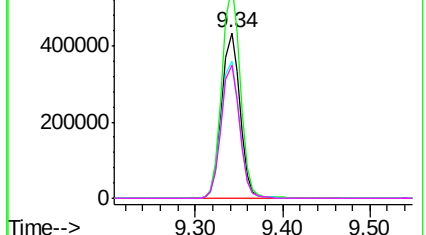
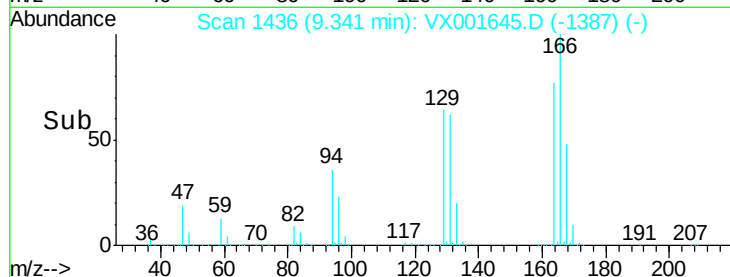


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001645.D

Acq: 11 May 2018 17:54

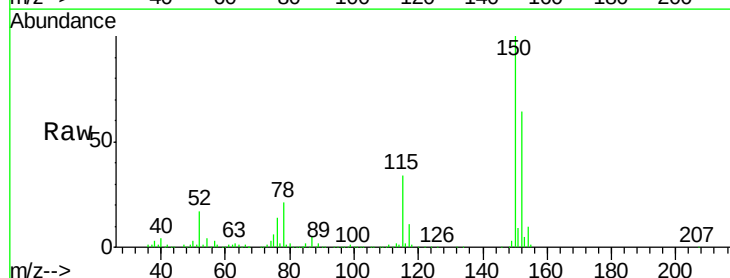
Tgt Ion:152 Resp: 148644

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

150 156.0 0.0 349.4



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

