

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001787.D
 Acq On : 17 May 2018 13:46
 Operator : JC/MD
 Sample : J2853-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-180508

Quant Time: May 18 04:32:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162748	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	215000	53.54	ug/l	0.00
Spiked Amount						
			Recovery	=	107.08%	
35) Dibromofluoromethane	5.51	113	183507	54.02	ug/l	0.00
Spiked Amount						
			Recovery	=	108.04%	
50) Toluene-d8	8.72	98	632089	51.95	ug/l	0.00
Spiked Amount						
			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	180751	41.26	ug/l	0.00
Spiked Amount						
			Recovery	=	82.52%	

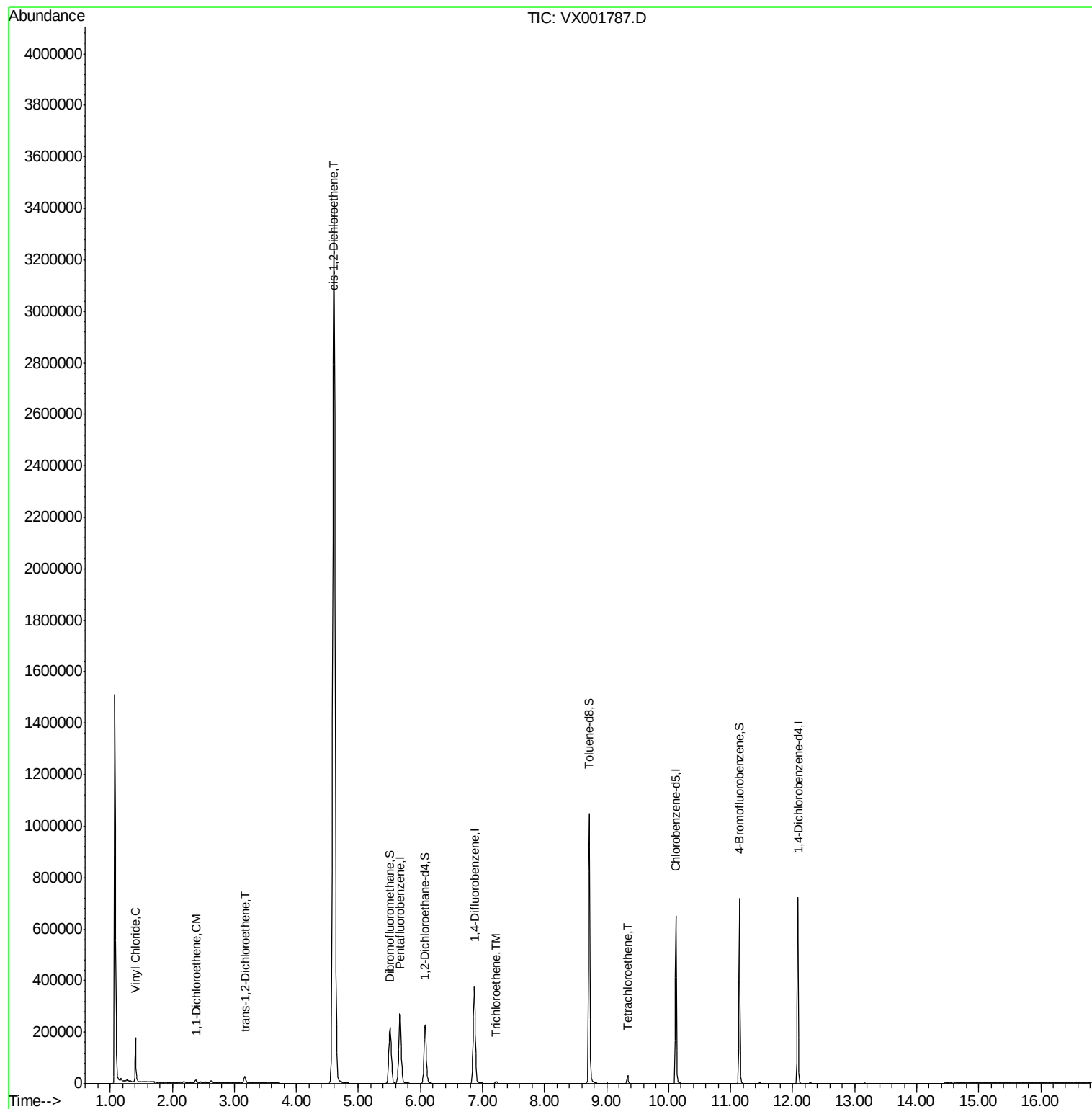
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	108966	31.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	3537	1.19	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	11042	3.39	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	2274038	612.64	ug/l	89
44) Trichloroethene	7.22	130	3487	0.82	ug/l	97
64) Tetrachloroethene	9.34	164	7344	1.78	ug/l	97

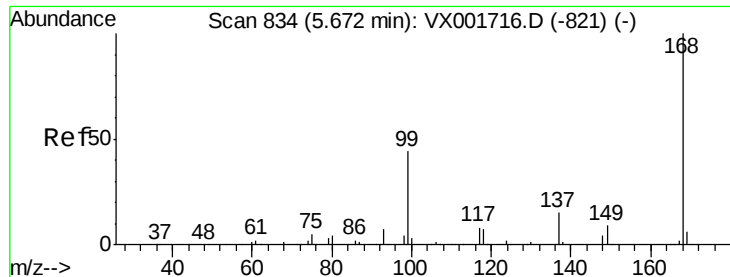
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

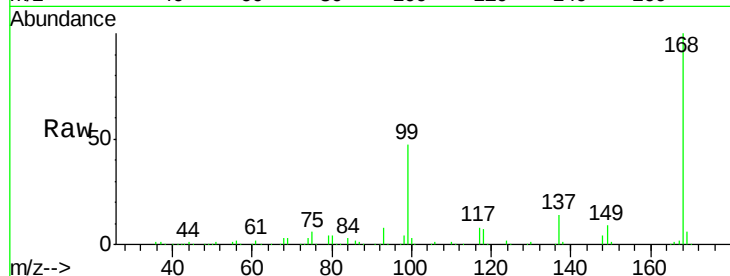
SS037MW311-180508

Tot Ion:168 Resp: 299585

Ion Ratio Lower Upper

168 100

99 47.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

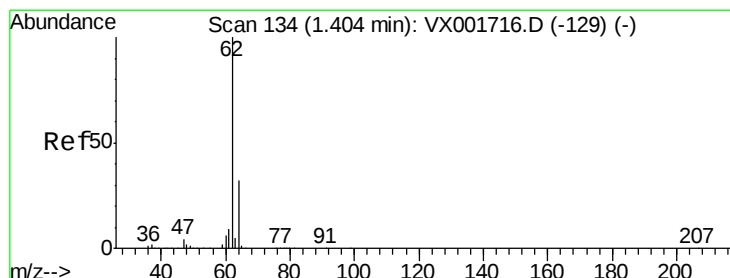
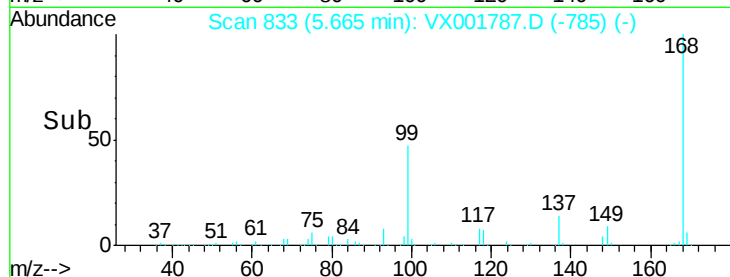
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 31.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001787.D

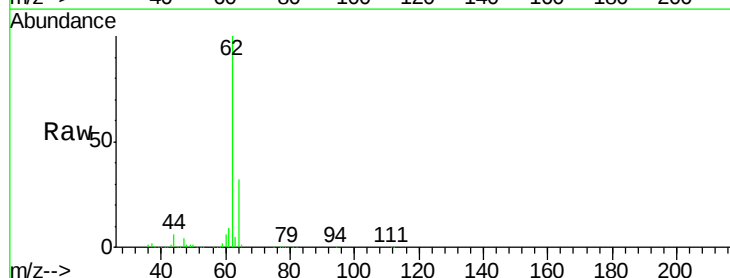
Acq: 17 May 2018 13:46

Tgt Ion: 62 Resp: 108966

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

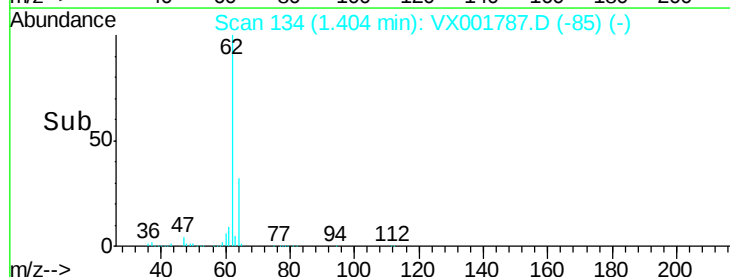
60000

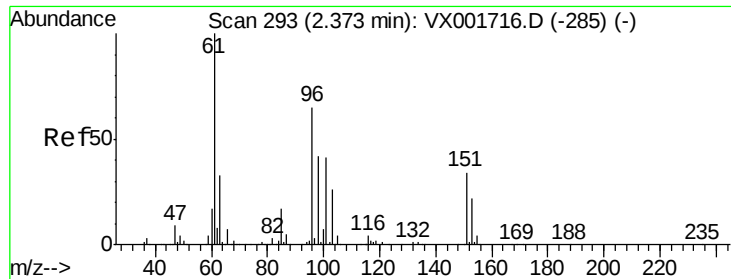
40000

20000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.19 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-180508

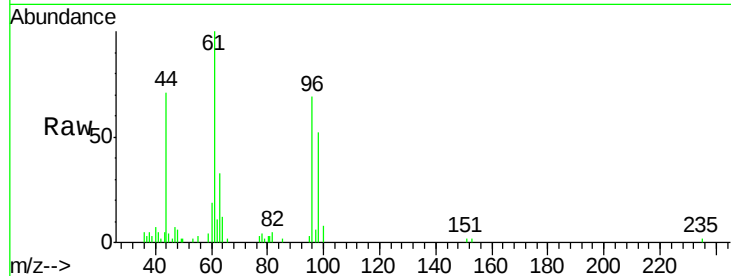
Tot Ion: 96 Resp: 3537

Ion Ratio Lower Upper

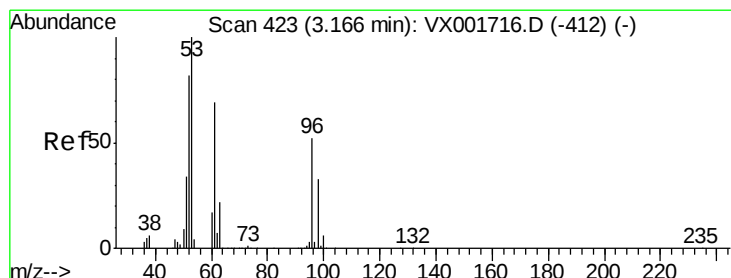
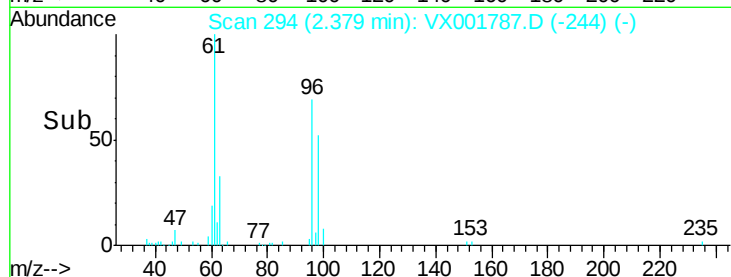
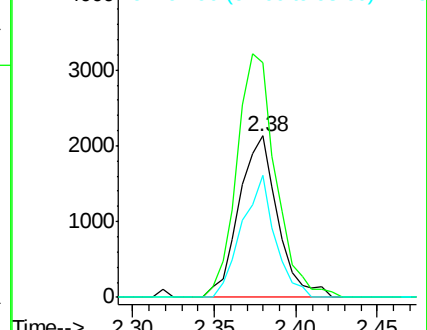
96 100

61 145.7 122.2 183.2

98 75.3 51.4 77.0



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



#21

trans-1,2-Dichloroethene

Concen: 3.39 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

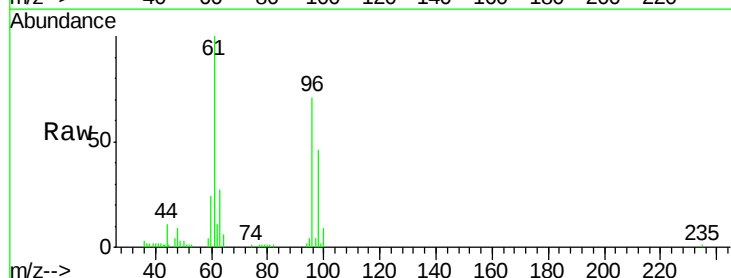
Tgt Ion: 96 Resp: 11042

Ion Ratio Lower Upper

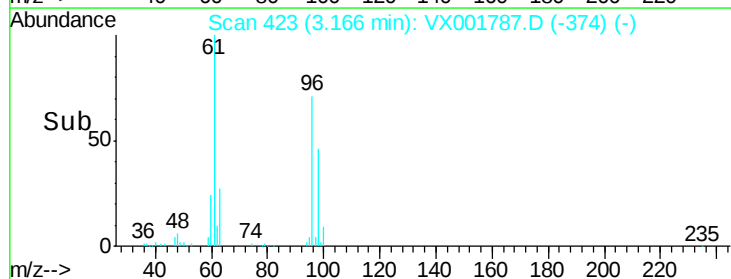
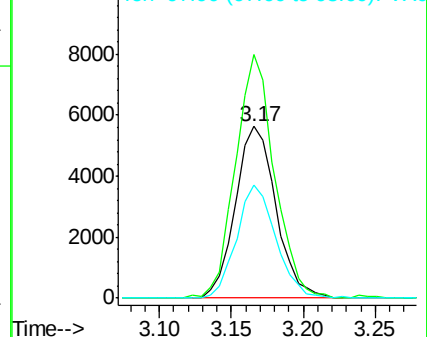
96 100

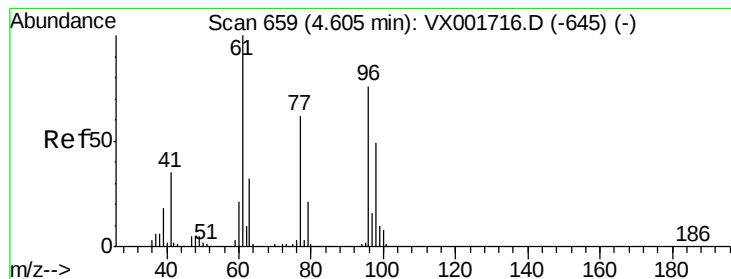
61 141.8 105.8 158.8

98 65.8 50.2 75.4



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





#27

cis-1,2-Dichloroethene

Concen: 612.64 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-180508

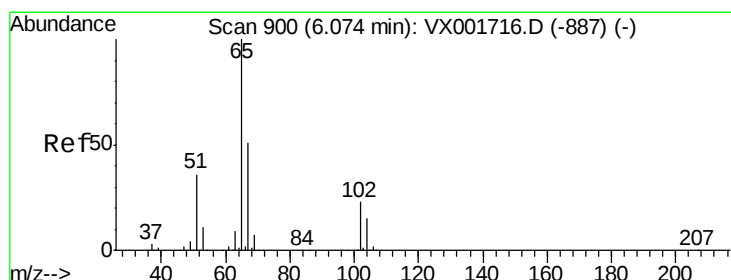
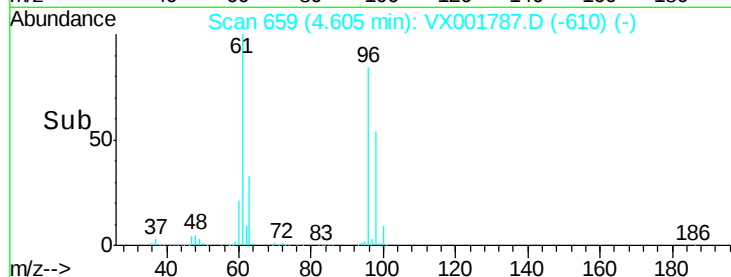
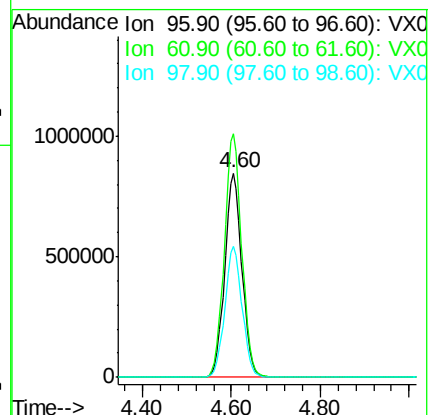
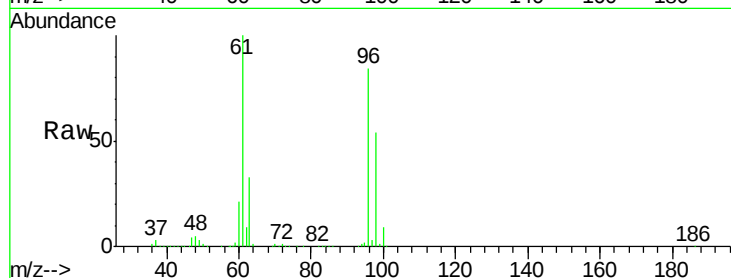
Tot Ion: 96 Resp: 2274038

Ion Ratio Lower Upper

96 100

61 120.6 0.0 280.4

98 64.5 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 53.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001787.D

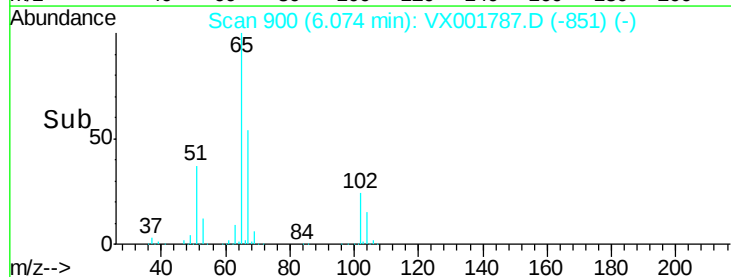
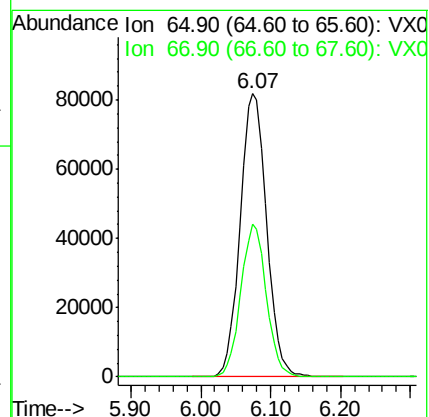
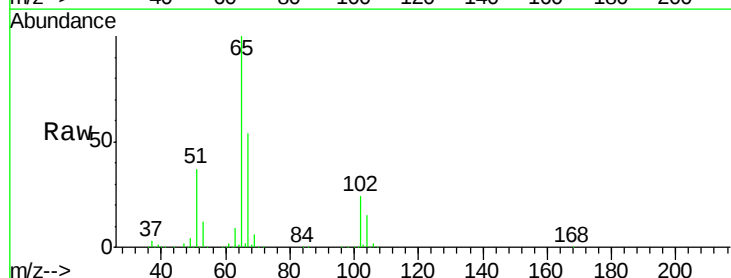
Acq: 17 May 2018 13:46

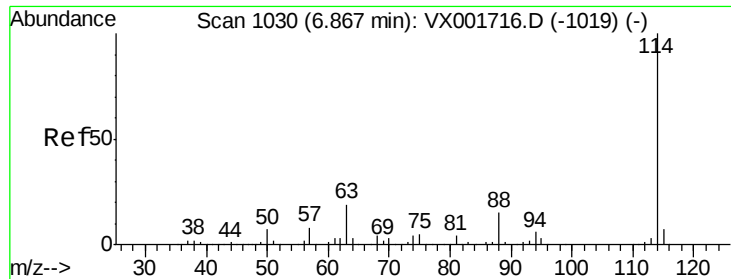
Tgt Ion: 65 Resp: 215000

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-180508

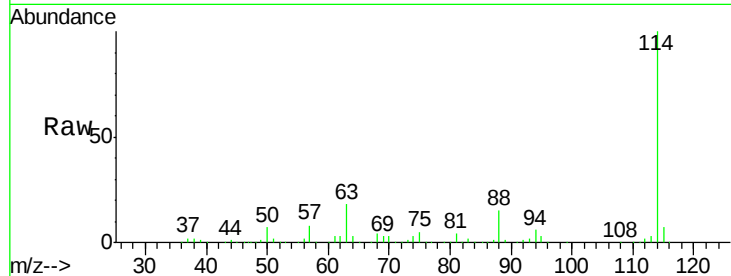
Tot Ion:114 Resp: 402545

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

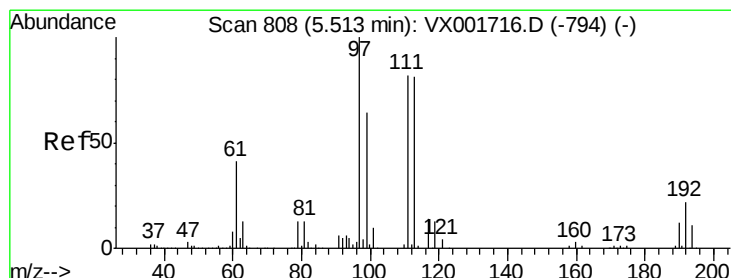
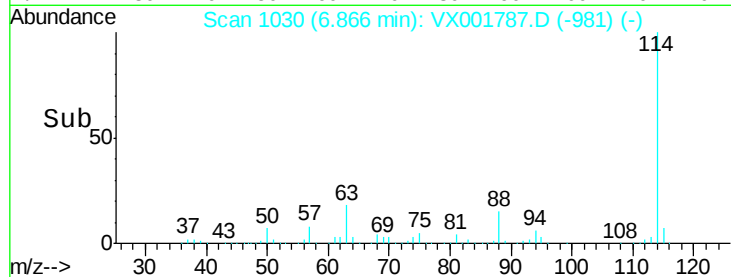
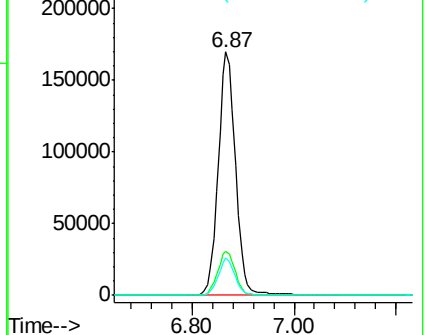
88 15.3 0.0 29.8



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: 54.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

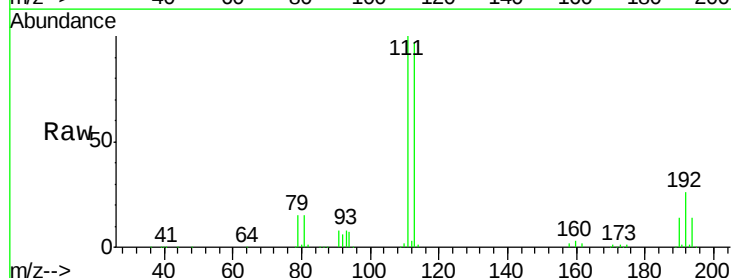
Tgt Ion:113 Resp: 183507

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

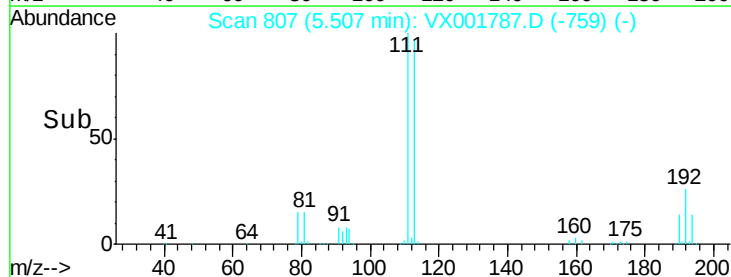
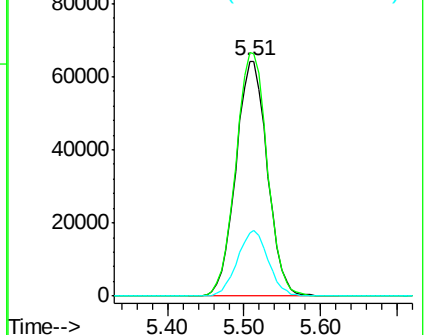
192 27.3 21.6 32.4

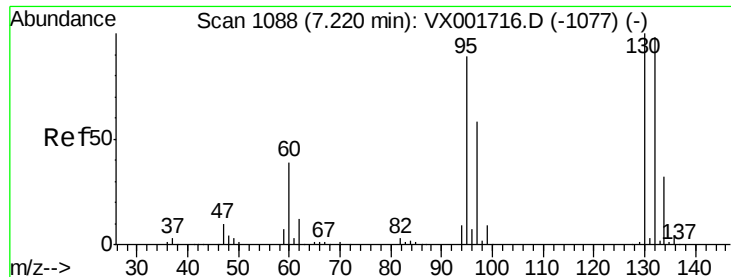


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

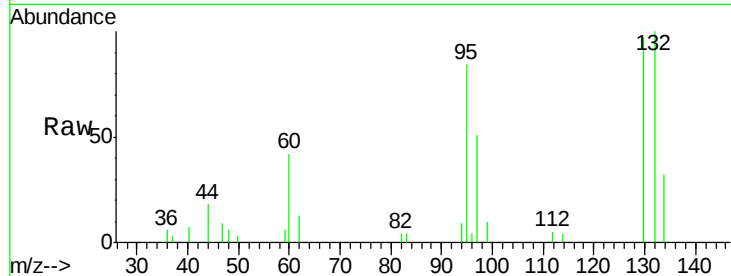
SS037MW311-180508

Tot Ion:130 Resp: 3487

Ion Ratio Lower Upper

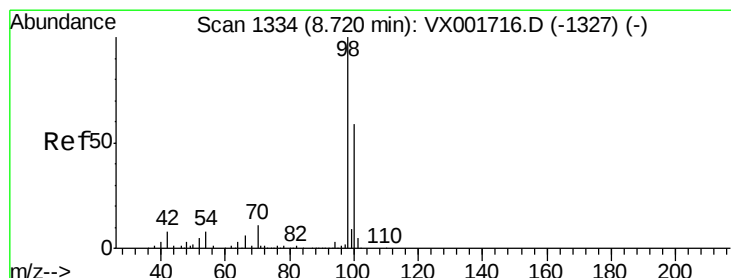
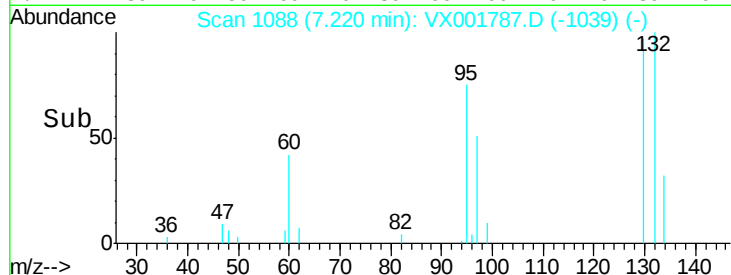
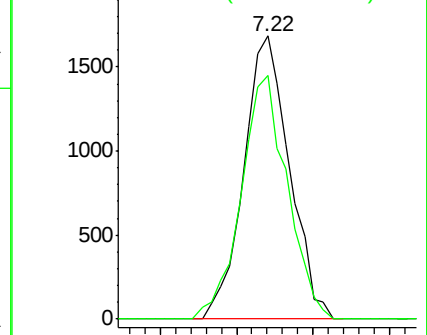
130 100

95 85.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001787.D

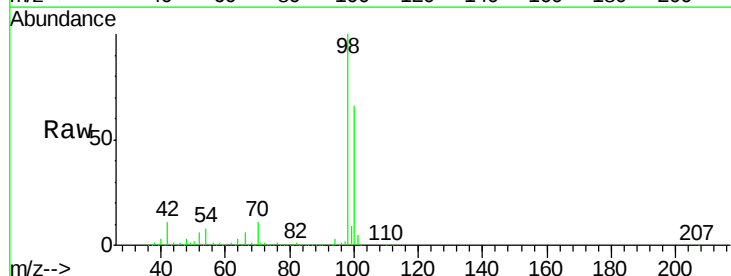
Acq: 17 May 2018 13:46

Tgt Ion: 98 Resp: 632089

Ion Ratio Lower Upper

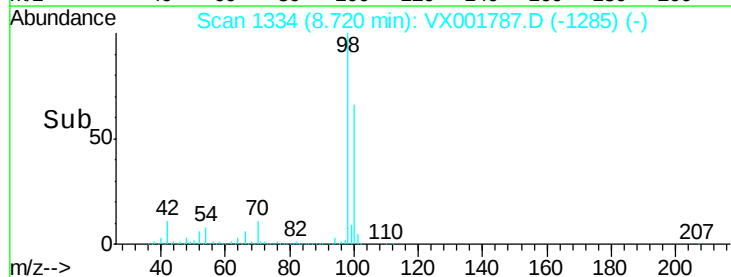
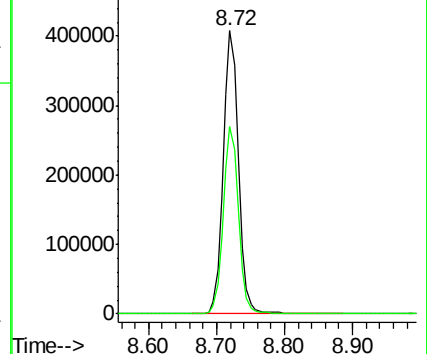
98 100

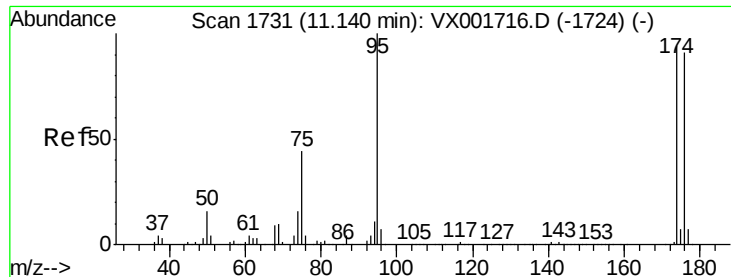
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

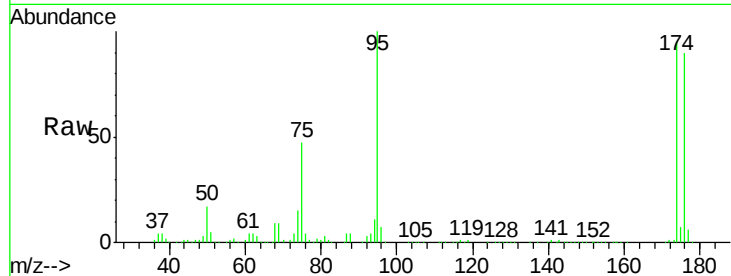




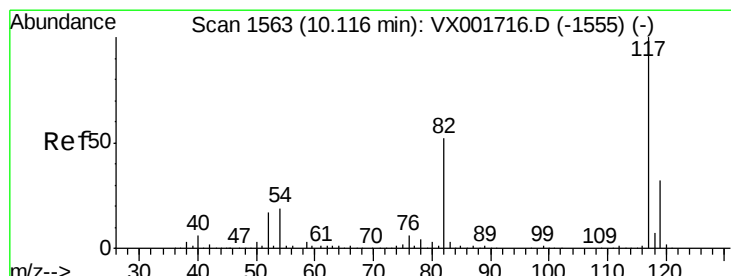
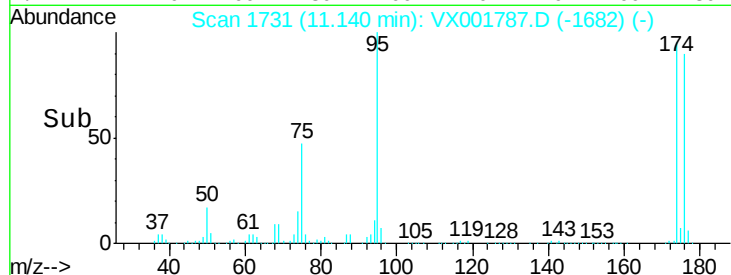
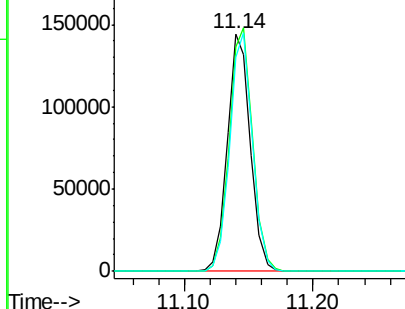
#62
4-Bromofluorobenzene
Concen: 41.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001787.D
Acq: 17 May 2018 13:46

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-180508

Tot Ion: 95 Resp: 180751
Ion Ratio Lower Upper
95 100
174 103.8 0.0 201.8
176 99.4 0.0 196.8

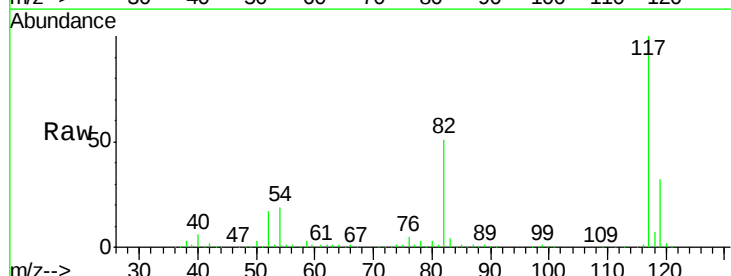


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

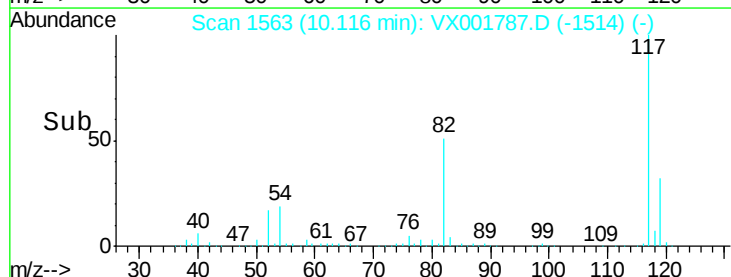
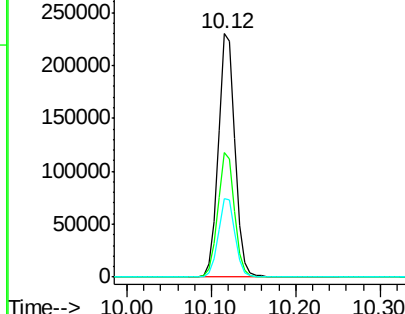


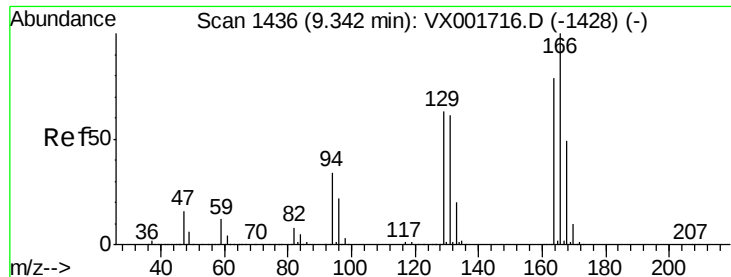
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001787.D
Acq: 17 May 2018 13:46

Tgt Ion: 117 Resp: 316967
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.2
119 32.5 25.6 38.4



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: 1.78 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-180508

Tot Ion:164 Resp: 7344

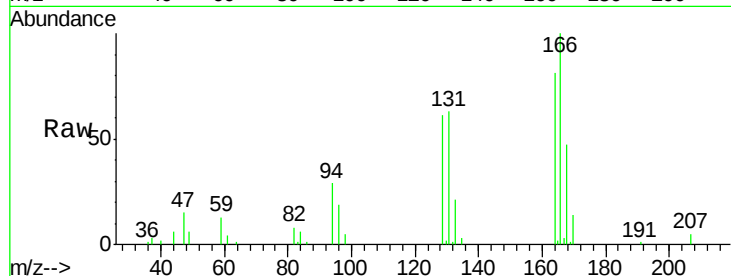
Ion Ratio Lower Upper

164 100

166 123.5 101.8 152.8

129 75.4 63.8 95.6

131 78.4 62.2 93.2

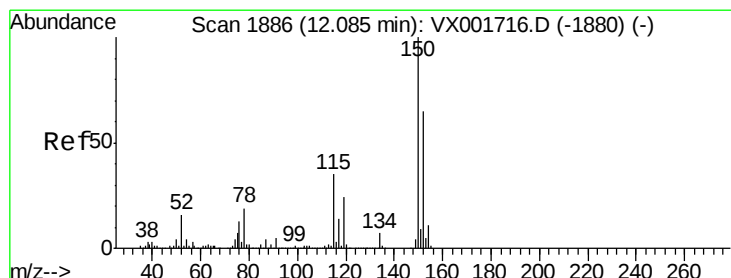
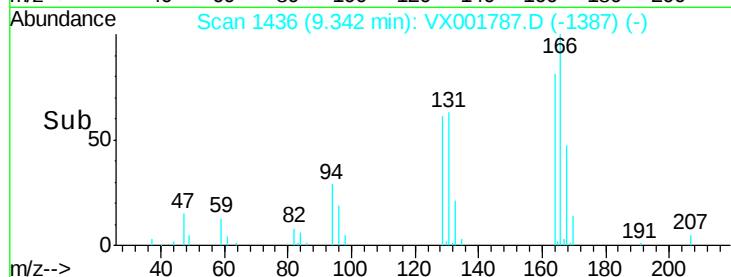
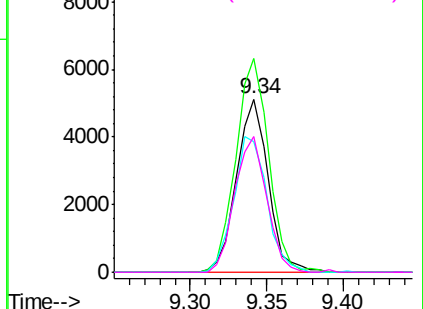


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001787.D

Acq: 17 May 2018 13:46

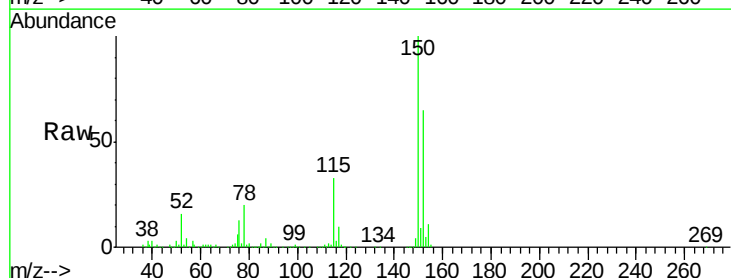
Tgt Ion:152 Resp: 162748

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

150 154.9 0.0 344.8



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

