

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006342.D
 Acq On : 07 Dec 2018 12:58
 Operator : JC/MD
 Sample : J6259-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205

Quant Time: Dec 08 00:57:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

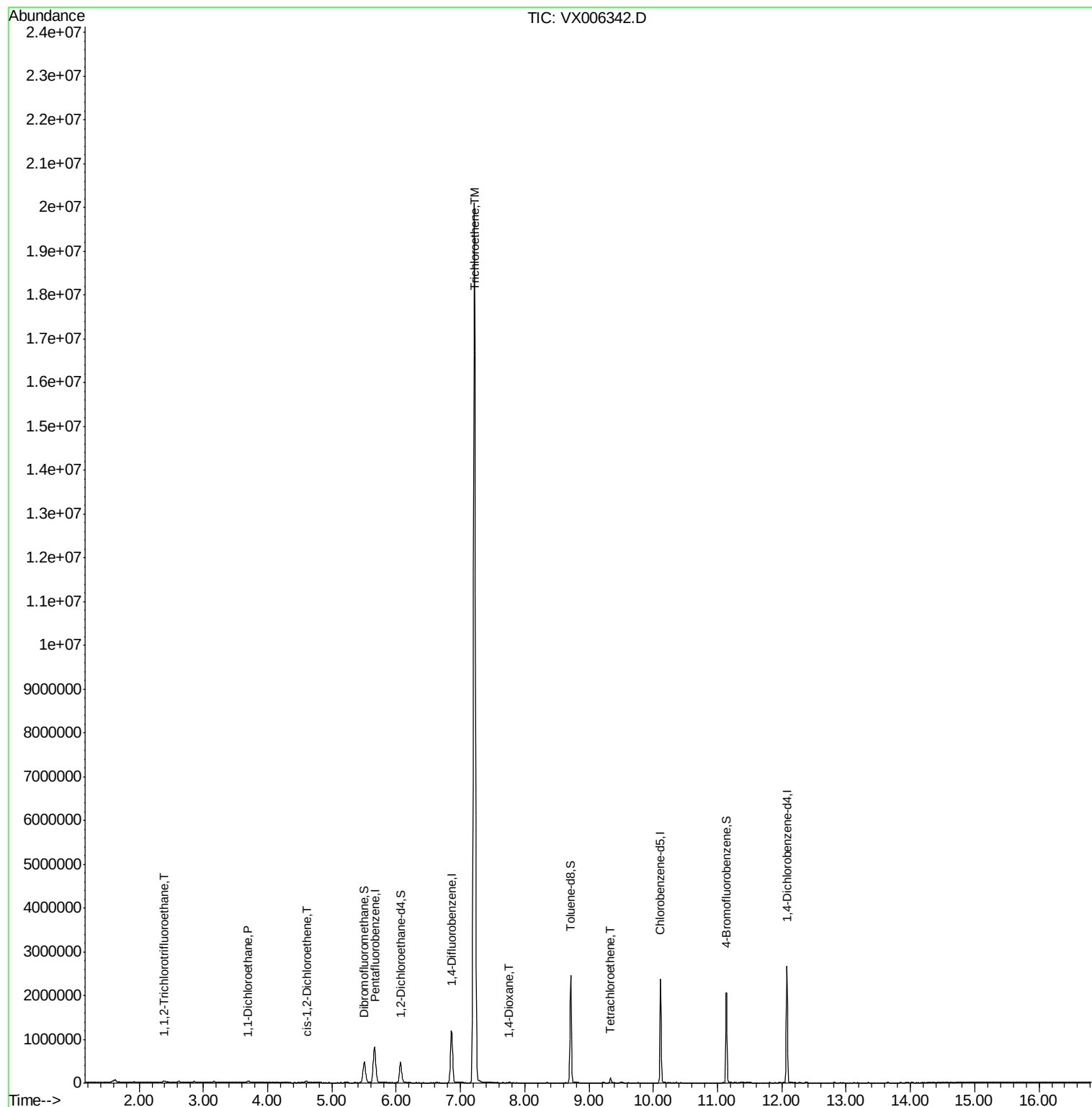
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	860124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1309873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1183449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	584514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	429052	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	404679	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	1512441	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	564267	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7742	0.952	ug/l	99
24) 1,1-Dichloroethane	3.70	63	20621	1.502	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	29031	3.138	ug/l	89
44) Trichloroethene	7.22	130	8297865	829.090	ug/l	95
49) 1,4-Dioxane	7.76	88	3425	13.870	ug/l #	80
64) Tetrachloroethene	9.34	164	18113	2.032	ug/l	97

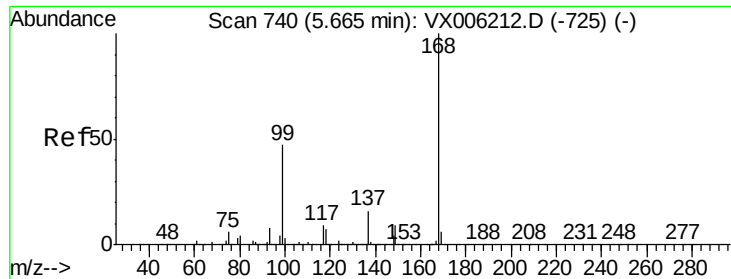
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

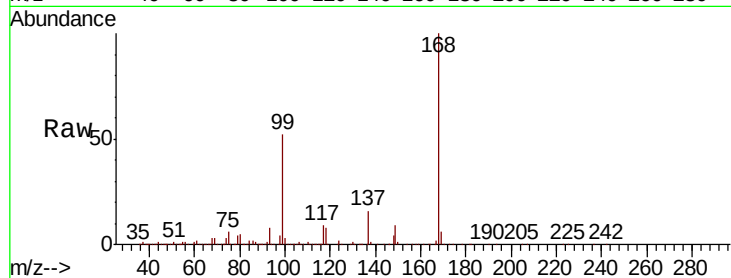
BPS1-TT-MW305I-20181205

Tot Ion:168 Resp: 860124

Ion Ratio Lower Upper

168 100

99 52.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

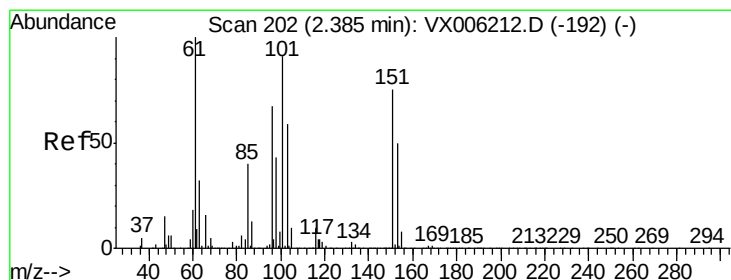
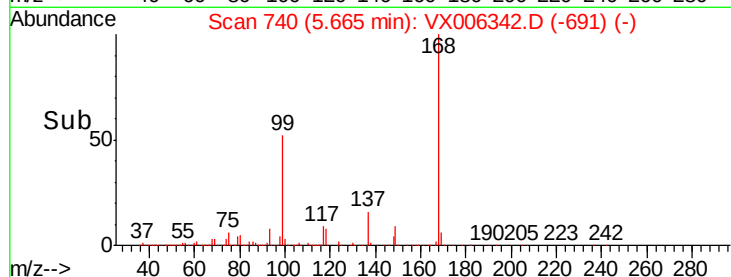
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.952 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

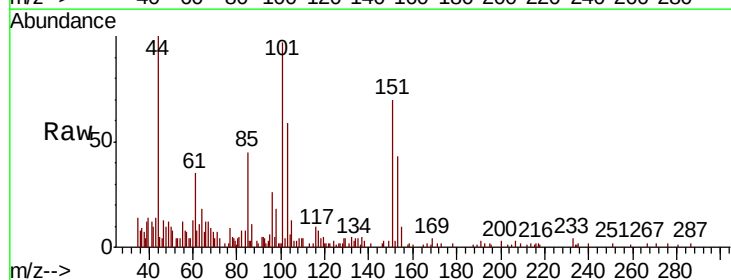
Tgt Ion:101 Resp: 7742

Ion Ratio Lower Upper

101 100

85 46.0 35.5 53.3

151 85.3 68.6 103.0



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

5000

4000

3000

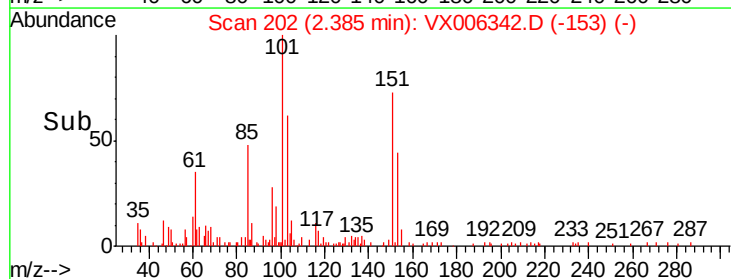
2000

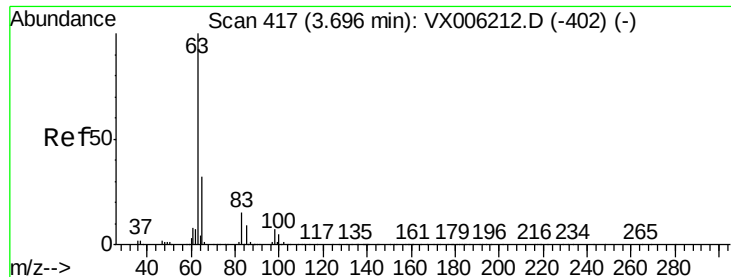
1000

0

Time-->

2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 1.502 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20181205

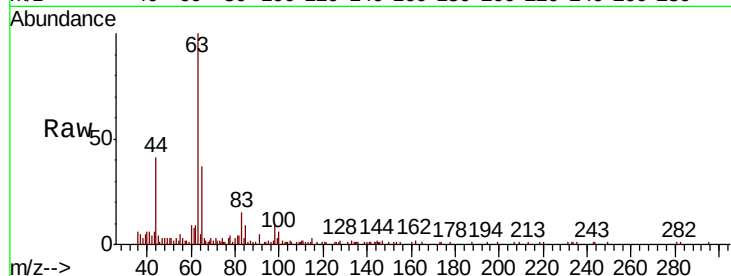
Tot Ion: 63 Resp: 20621

Ion Ratio Lower Upper

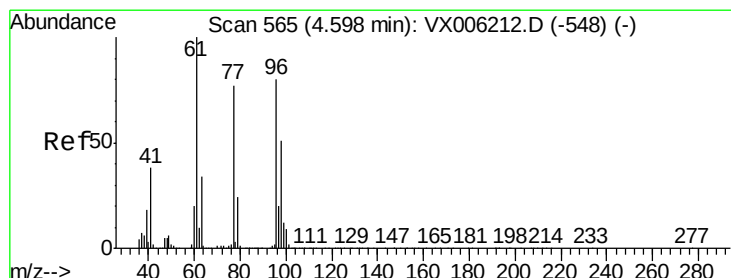
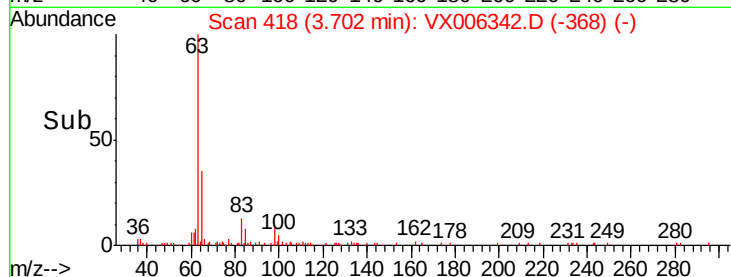
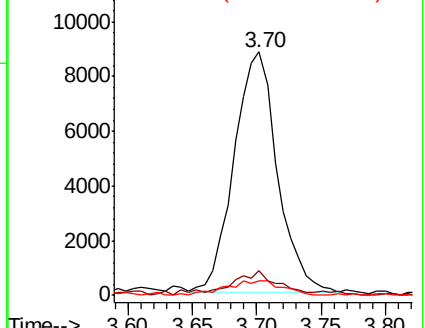
63 100

98 8.7 3.8 11.4

100 5.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.138 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

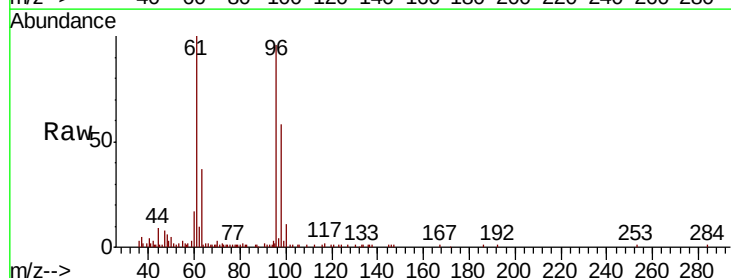
Tgt Ion: 96 Resp: 29031

Ion Ratio Lower Upper

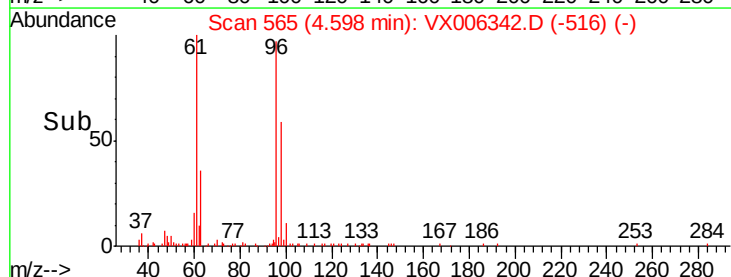
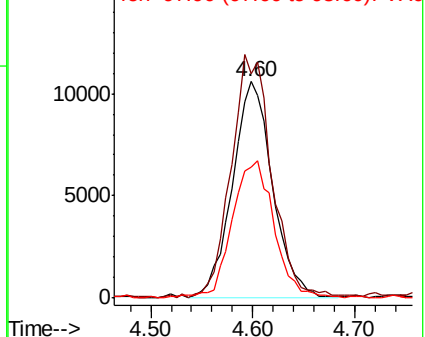
96 100

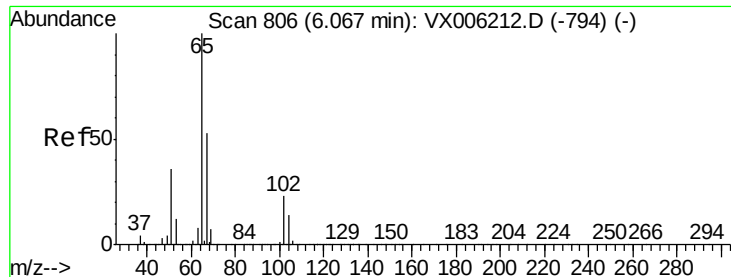
61 114.6 0.0 265.0

98 66.1 0.0 130.2



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

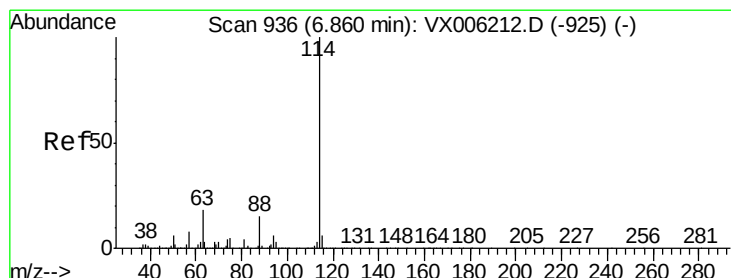
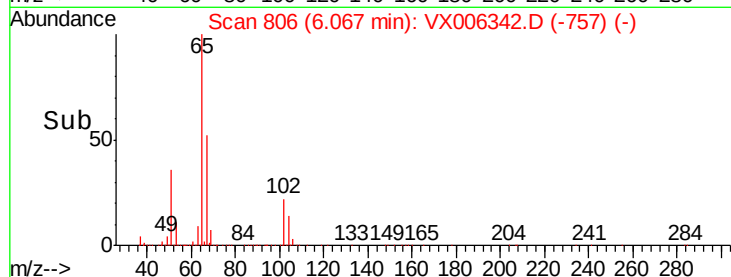
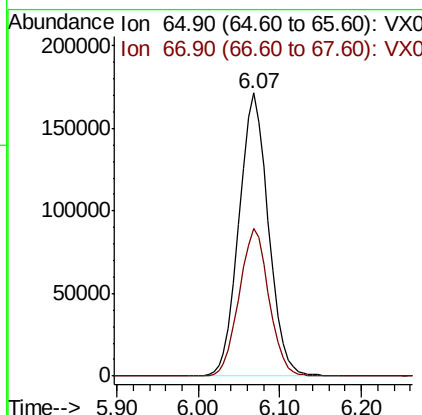
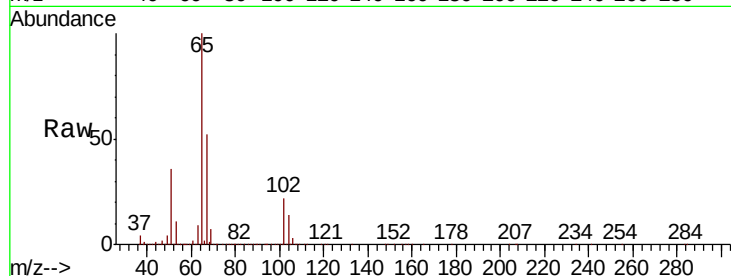




#33
 1,2-Dichloroethane-d4
 Concen: 48.864 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006342.D
 Acq: 07 Dec 2018 12:58

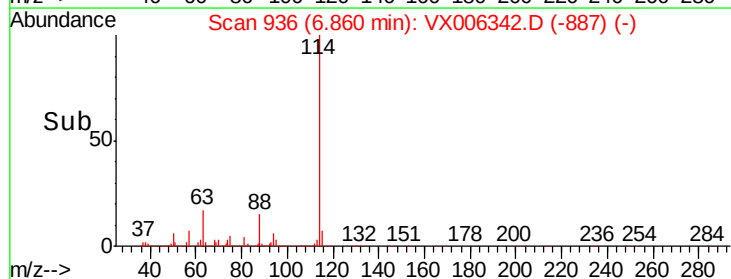
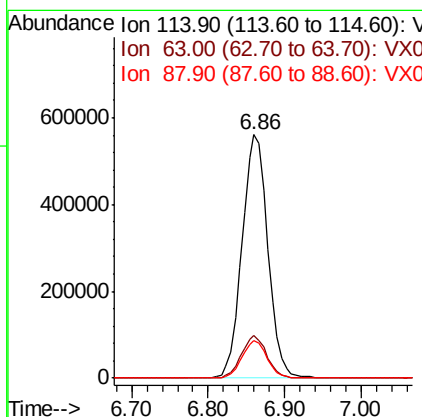
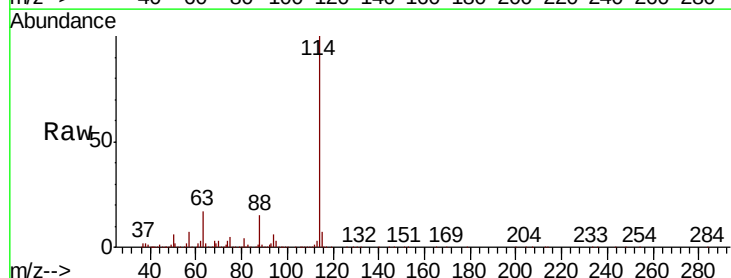
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20181205

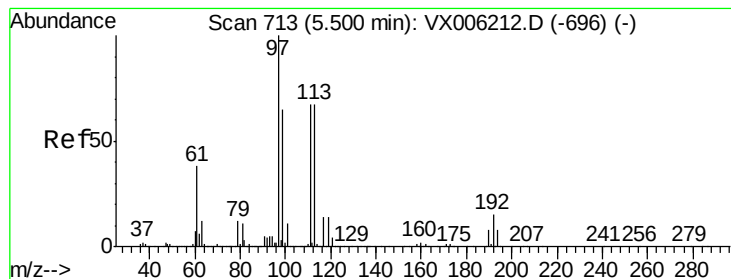
Tot Ion: 65 Resp: 429052
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006342.D
 Acq: 07 Dec 2018 12:58

Tgt Ion: 114 Resp: 1309873
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.716 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20181205

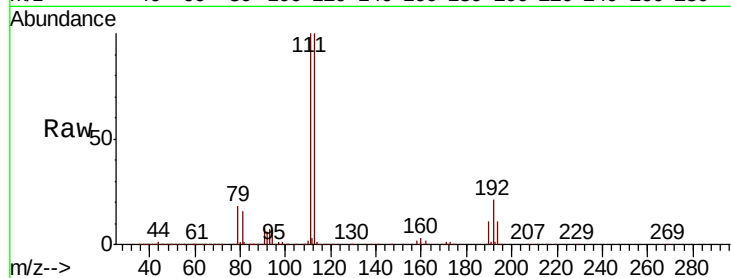
Tot Ion:113 Resp: 404679

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

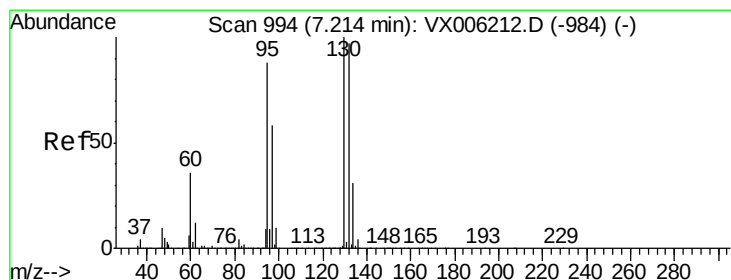
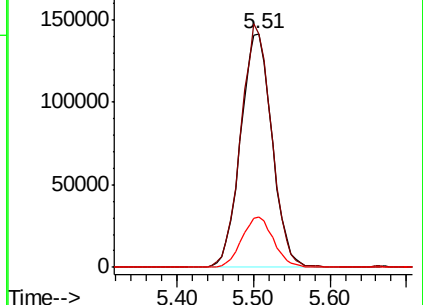
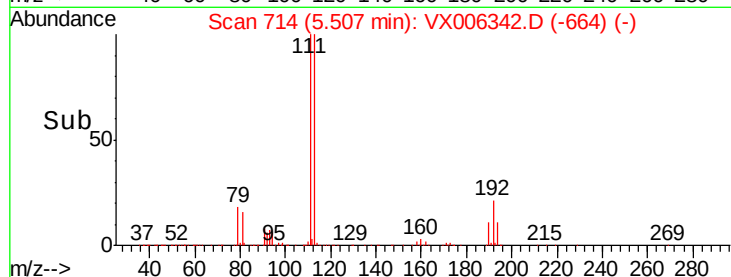
192 21.5 18.2 27.2



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: 829.090 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006342.D

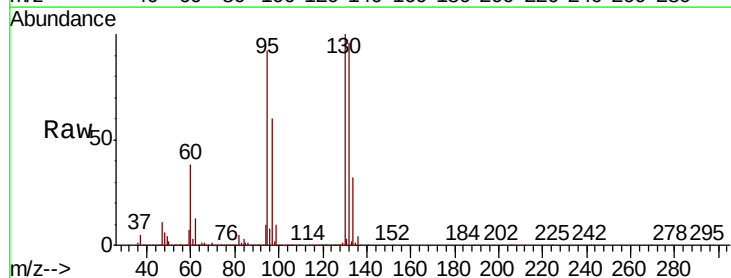
Acq: 07 Dec 2018 12:58

Tgt Ion:130 Resp: 8297865

Ion Ratio Lower Upper

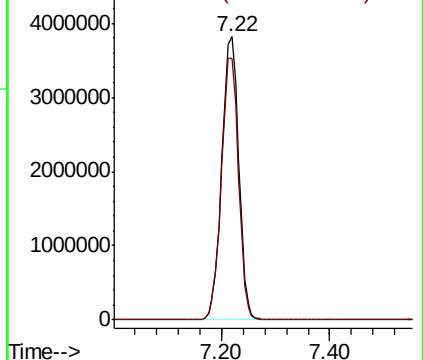
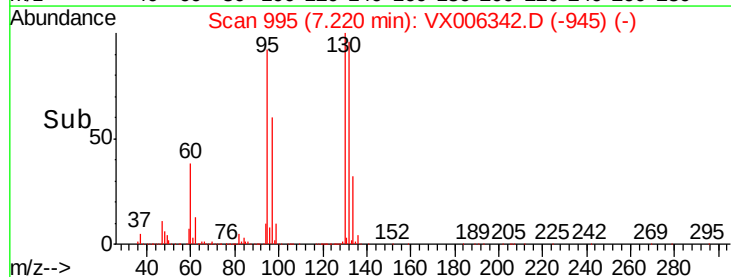
130 100

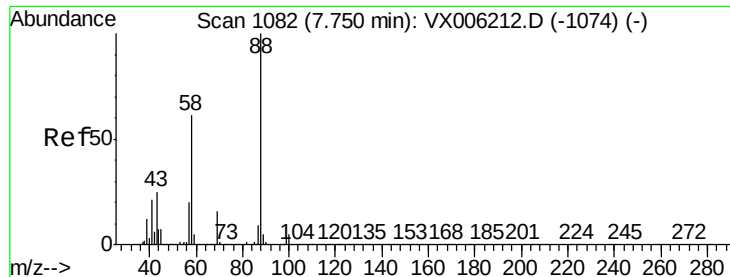
95 92.3 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 13.870 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20181205

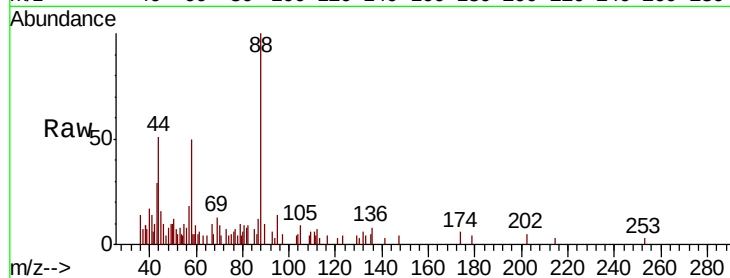
Tot Ion: 88 Resp: 3425

Ion Ratio Lower Upper

88 100

43 44.2 23.2 34.8#

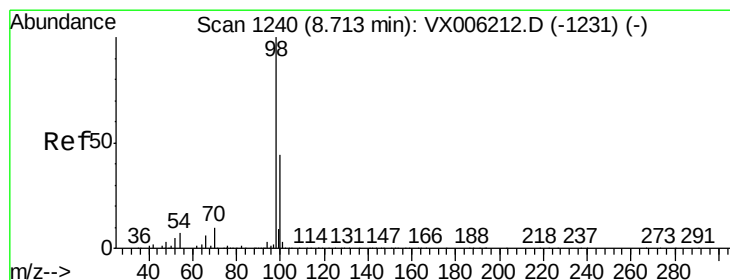
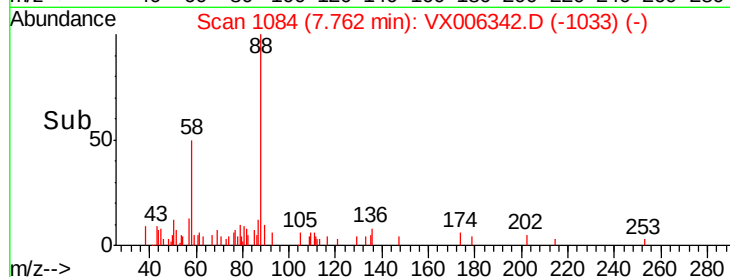
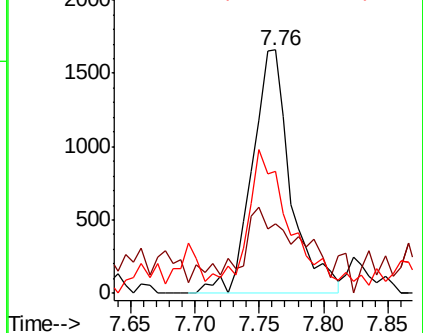
58 52.0 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.028 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006342.D

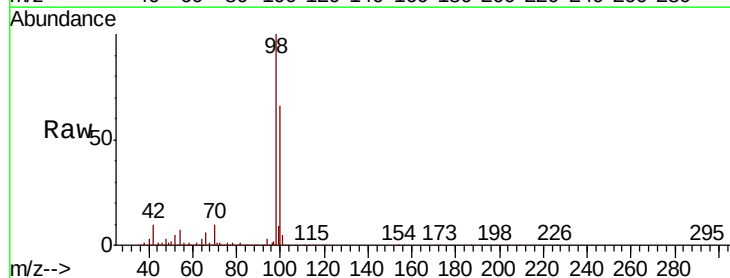
Acq: 07 Dec 2018 12:58

Tgt Ion: 98 Resp: 1512441

Ion Ratio Lower Upper

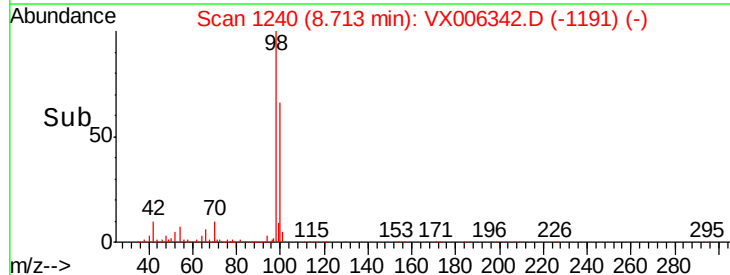
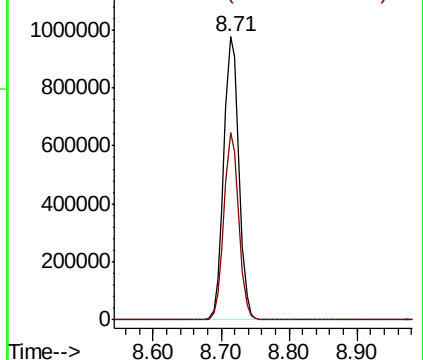
98 100

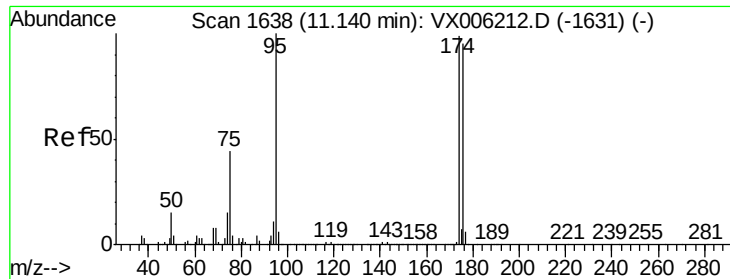
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.541 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

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ClientSampleId :

BPS1-TT-MW305I-20181205

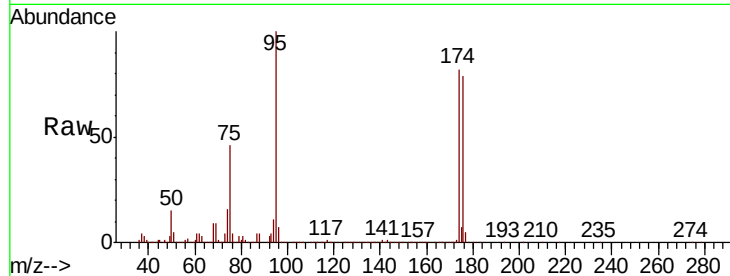
Tot Ion: 95 Resp: 564267

Ion Ratio Lower Upper

95 100

174 89.4 0.0 187.0

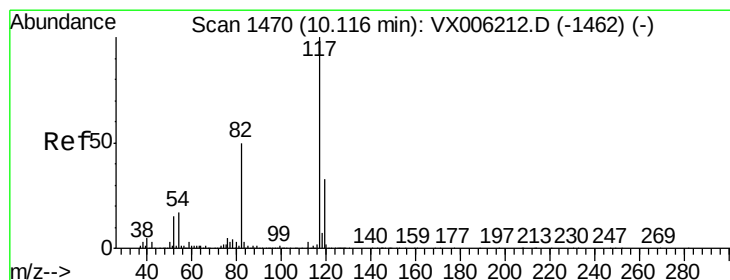
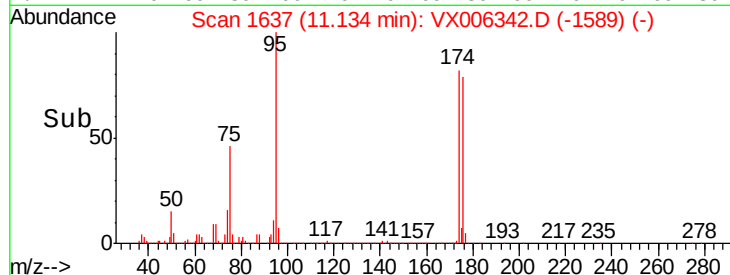
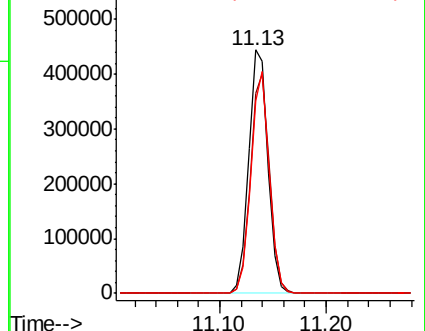
176 87.2 0.0 181.8



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

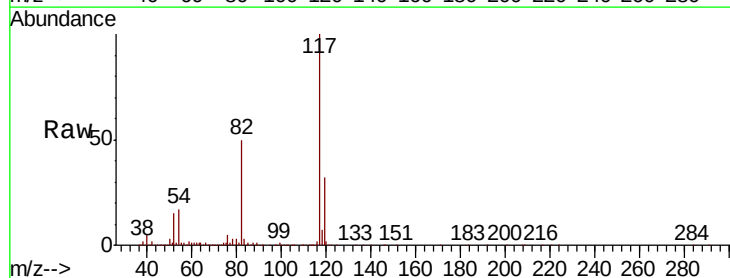
Tgt Ion: 117 Resp: 1183449

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

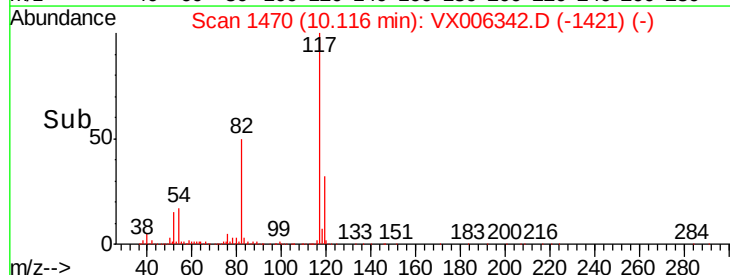
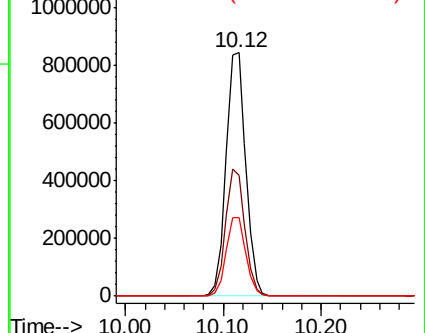
119 32.4 26.3 39.5

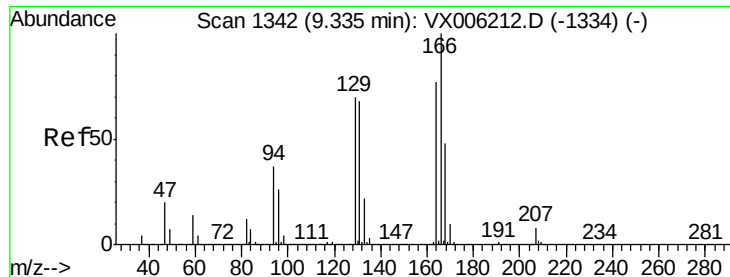


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.032 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006342.D

Acq: 07 Dec 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20181205

Tot Ion:164 Resp: 18113

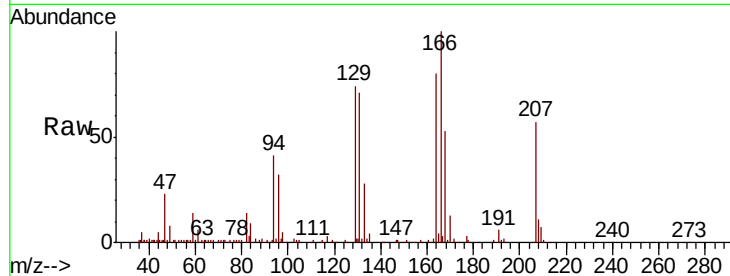
Ion Ratio Lower Upper

164 100

166 125.5 104.2 156.2

129 93.4 72.6 108.8

131 88.9 70.3 105.5

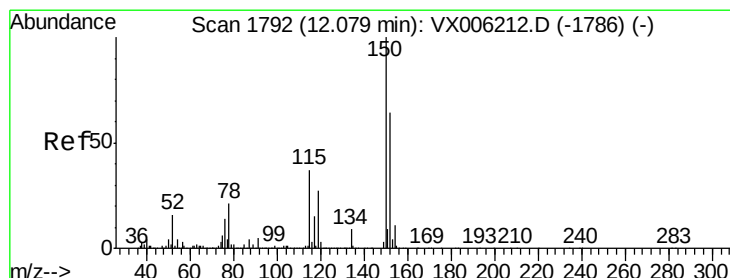
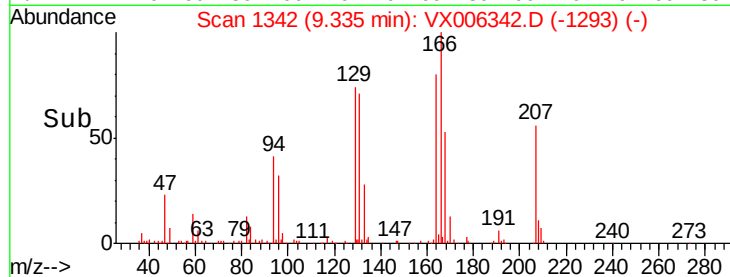
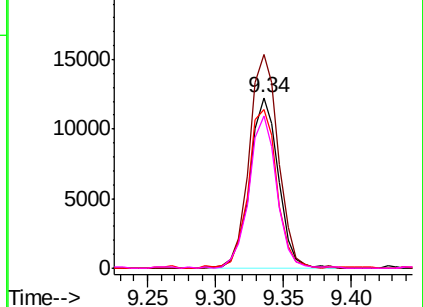


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006342.D

Acq: 07 Dec 2018 12:58

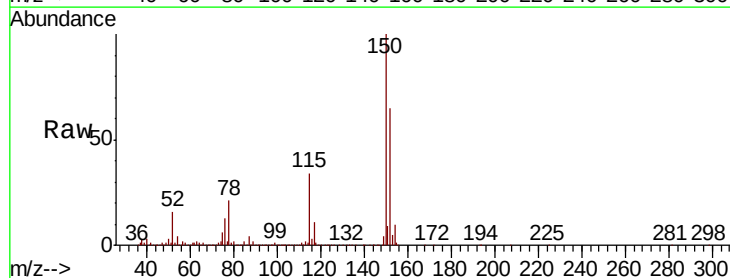
Tgt Ion:152 Resp: 584514

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

150 157.8 0.0 345.8



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

