

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007714.D
 Acq On : 26 Feb 2019 15:33
 Operator : JC/SP
 Sample : K1578-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-340-342DL

Quant Time: Feb 26 16:04:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

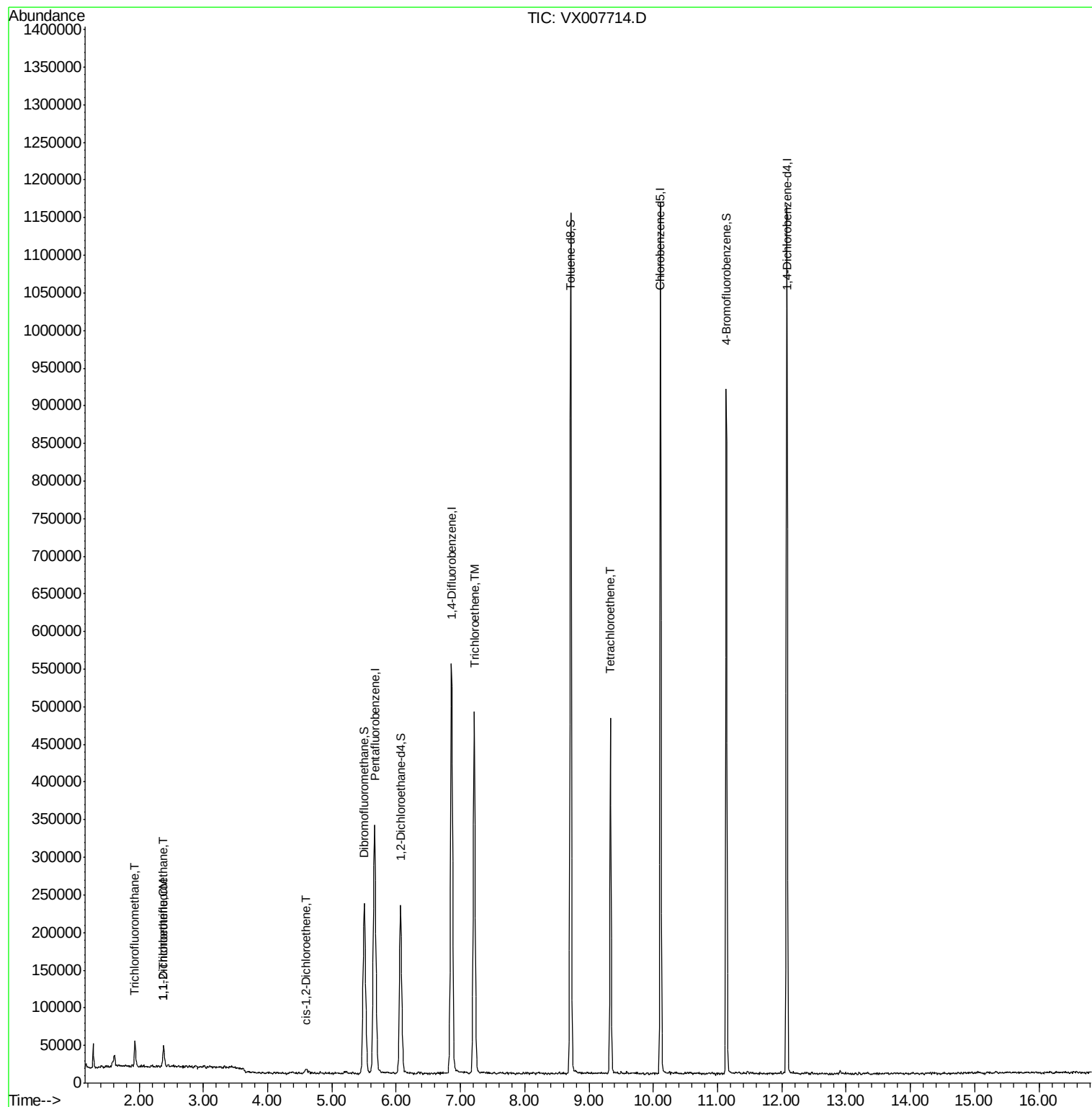
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	571193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	529960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208606	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	5.50	113	190699	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	683778	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.13	95	237015	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
7) Trichlorofluoromethane	1.94	101	23177	4.403	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3421	1.075	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	8858	3.089	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	3885	0.979	ug/l	86
44) Trichloroethene	7.21	130	189752	43.514	ug/l	92
64) Tetrachloroethene	9.34	164	89588	20.823	ug/l	92

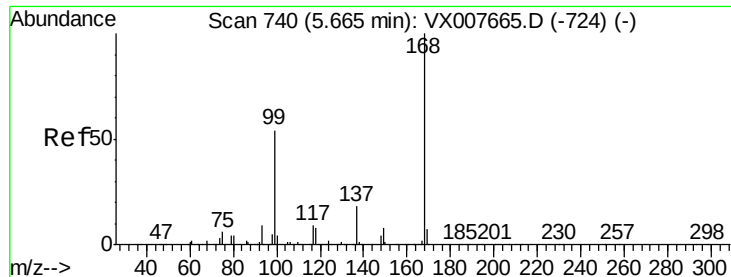
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB201-GW-340-342DL

Quant Time: Feb 26 16:04:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

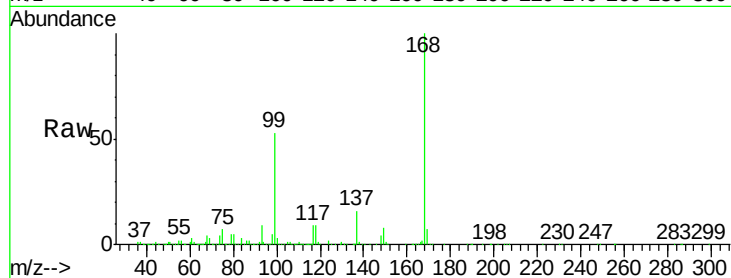
BP-VPB201-GW-340-342DL

Tot Ion:168 Resp: 327829

Ion Ratio Lower Upper

168 100

99 52.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

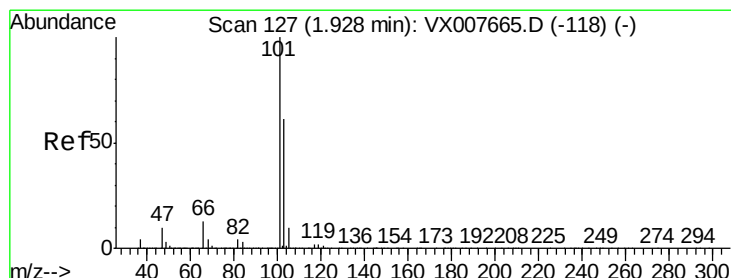
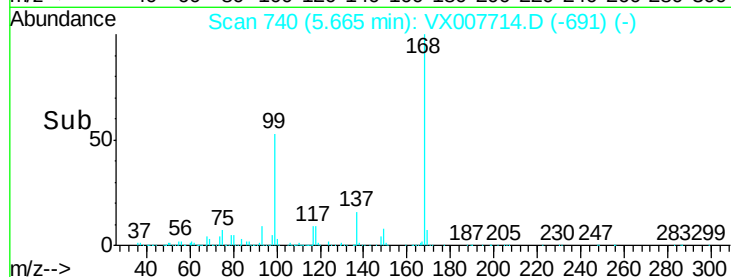
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#7

Trichlorofluoromethane

Concen: 4.403 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007714.D

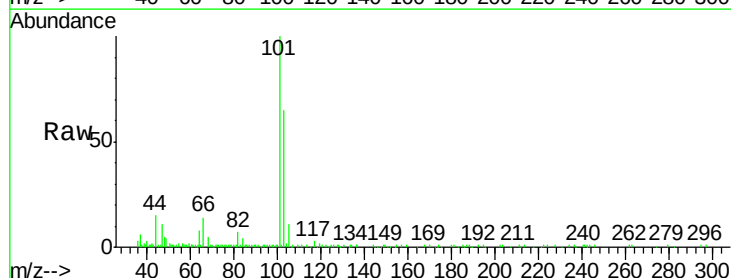
Acq: 26 Feb 2019 15:33

Tgt Ion:101 Resp: 23177

Ion Ratio Lower Upper

101 100

103 64.1 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.94

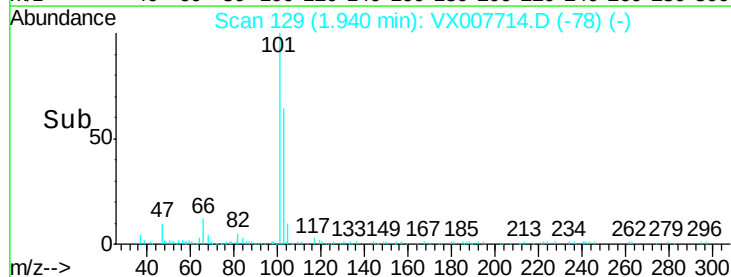
15000

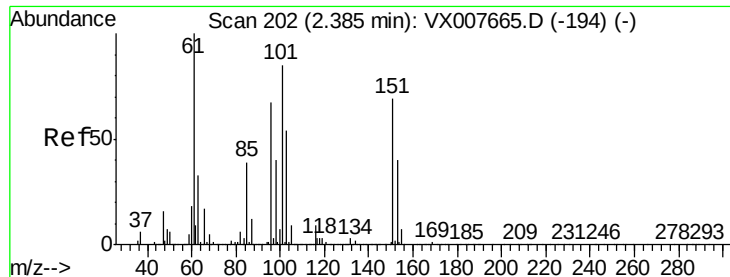
10000

5000

0

Time--> 1.85 1.90 1.95 2.00 2.05





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.075 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-340-342DL

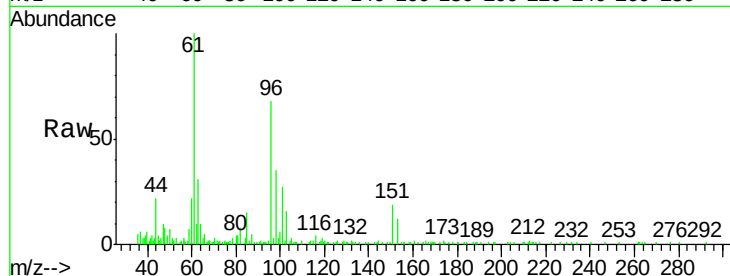
Tot Ion:101 Resp: 3421

Ion Ratio Lower Upper

101 100

85 70.6 34.1 51.1#

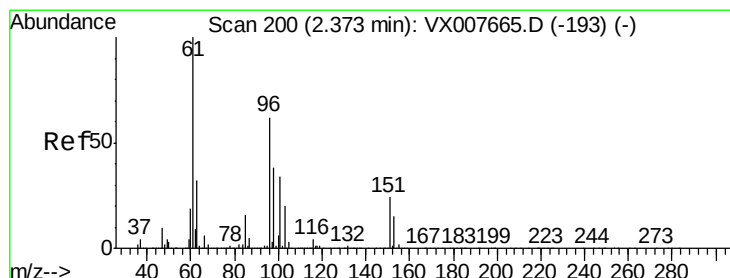
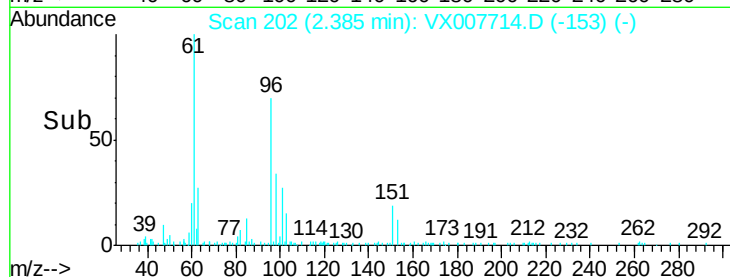
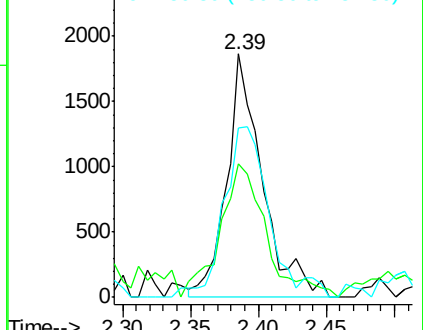
151 84.2 69.9 104.9



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



#12

1,1-Dichloroethene

Concen: 3.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

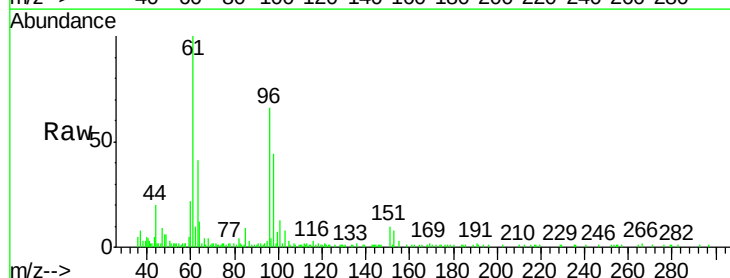
Tgt Ion: 96 Resp: 8858

Ion Ratio Lower Upper

96 100

61 151.8 123.0 184.4

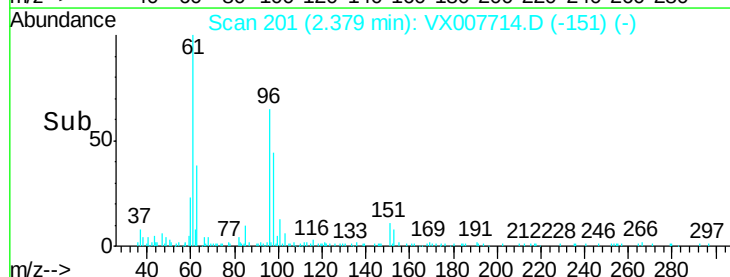
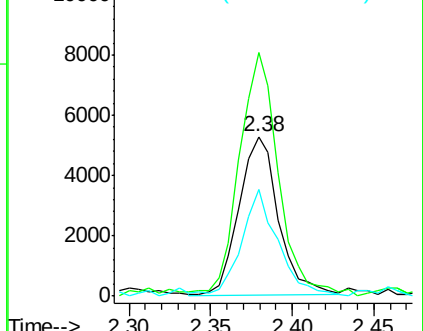
98 66.8 50.9 76.3

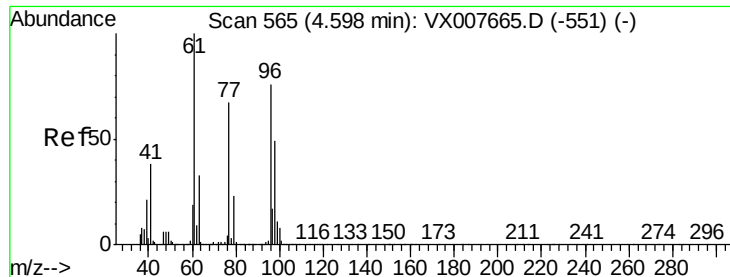


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



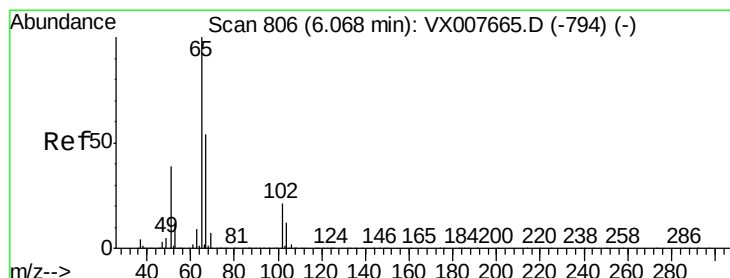
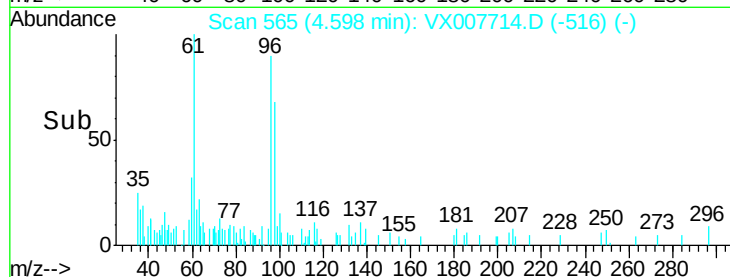
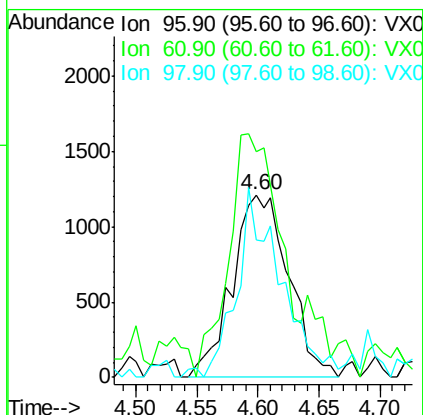
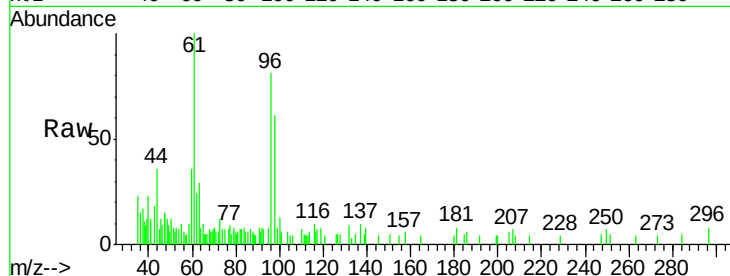


#27

cis-1,2-Dichloroethene
Concen: 0.979 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007714.D
Acq: 26 Feb 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-340-342DL

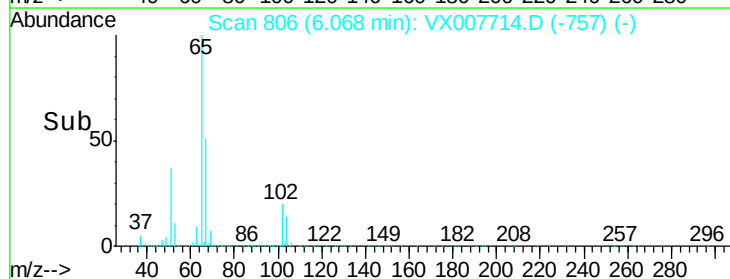
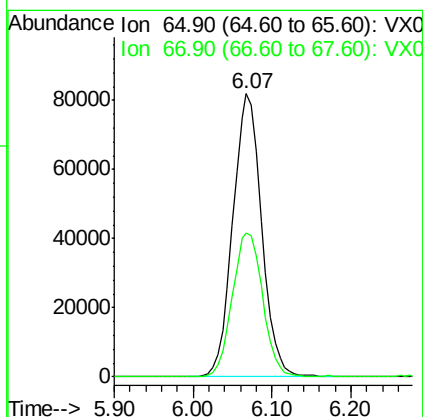
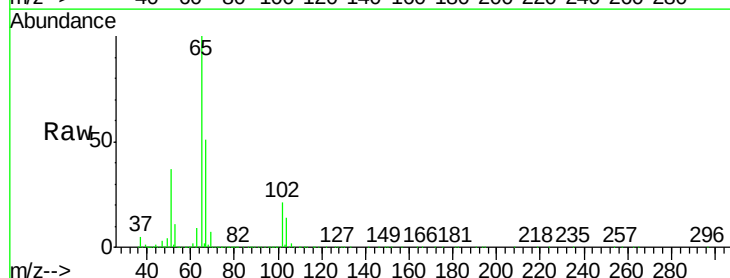
Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	265.6
98	81.2	0.0	131.6

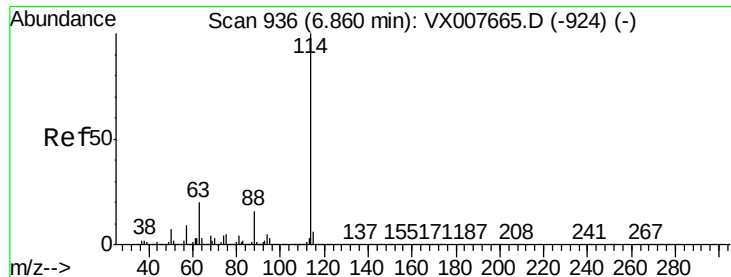


#33

1,2-Dichloroethane-d4
Concen: 51.371 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007714.D
Acq: 26 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.8

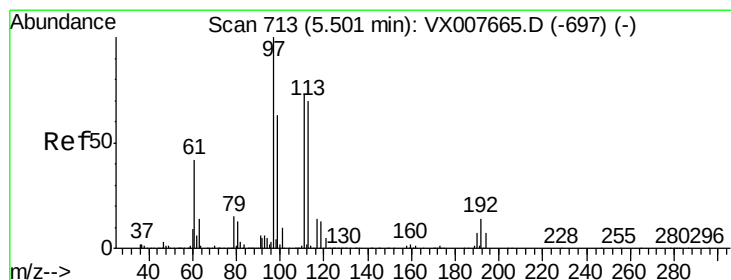
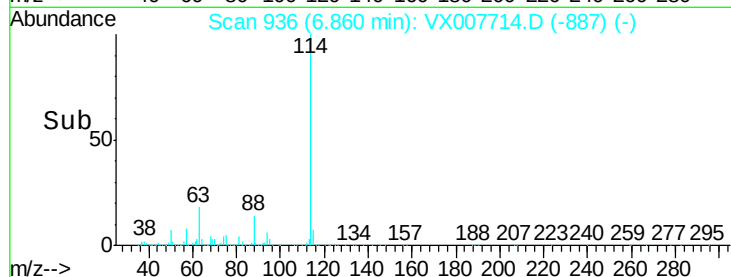
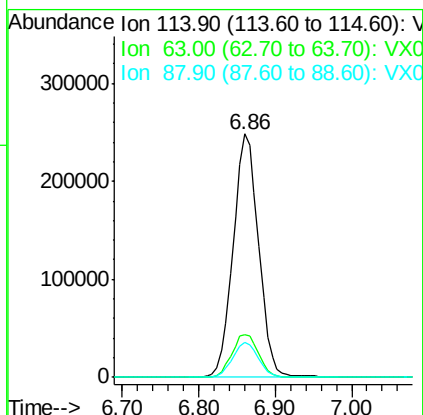
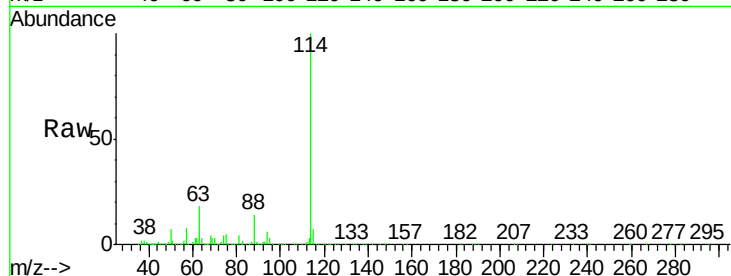




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007714.D
Acq: 26 Feb 2019 15:33

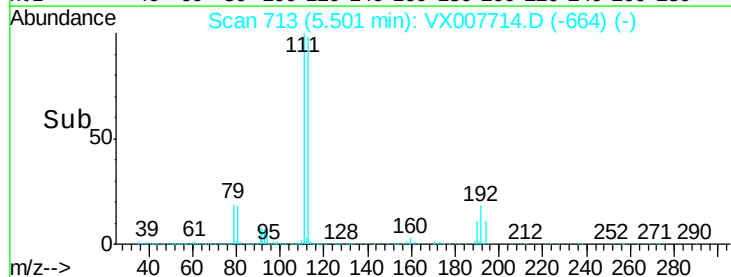
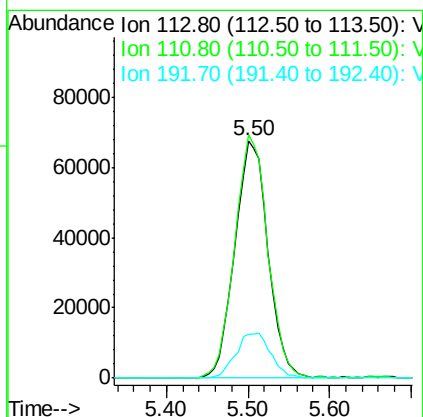
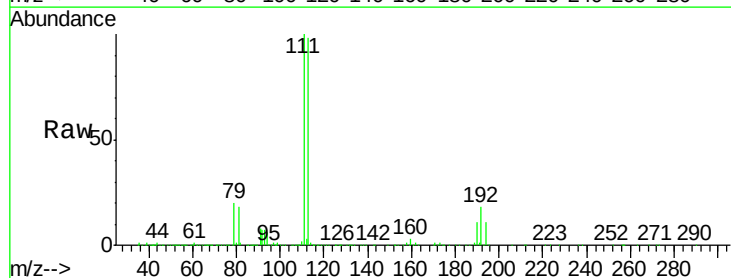
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-340-342DL

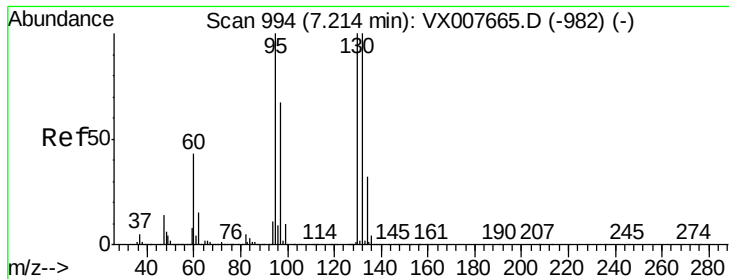
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.6
88	14.1	0.0	29.6



#35
Dibromofluoromethane
Concen: 49.944 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007714.D
Acq: 26 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	20.0	18.5	27.7





#44

Trichloroethene

Concen: 43.514 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

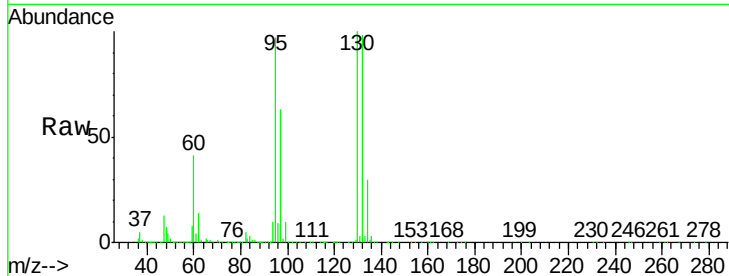
BP-VPB201-GW-340-342DL

Tot Ion:130 Resp: 189752

Ion Ratio Lower Upper

130 100

95 97.2 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

100000

80000

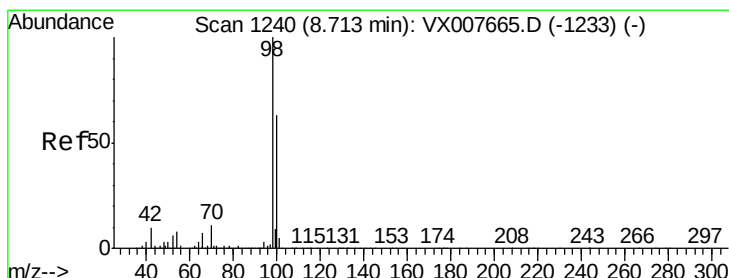
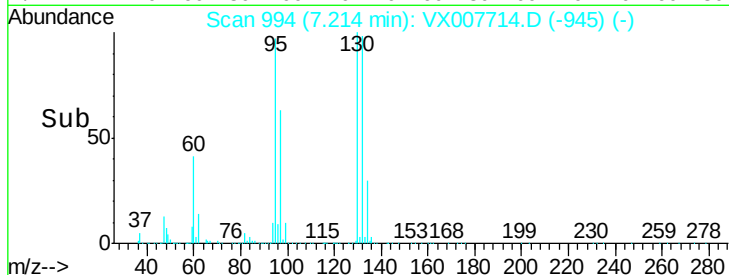
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 46.777 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007714.D

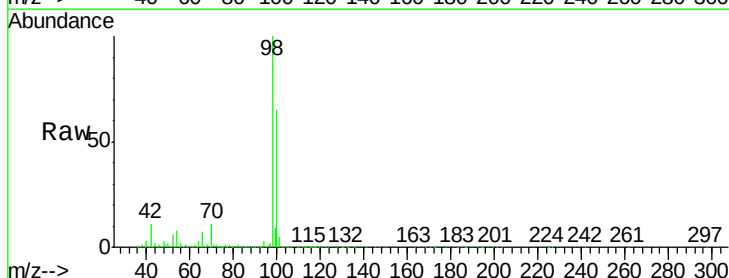
Acq: 26 Feb 2019 15:33

Tgt Ion: 98 Resp: 683778

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

500000

400000

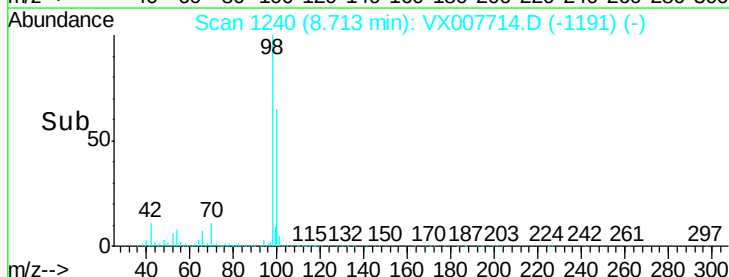
300000

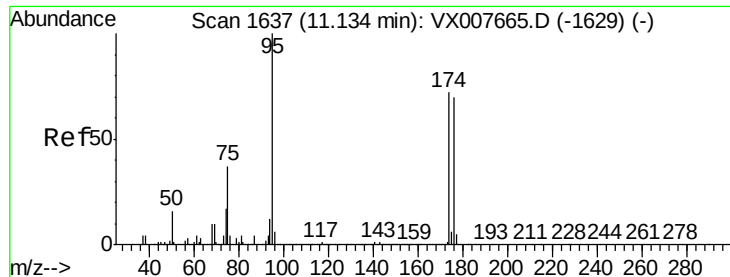
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.176 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-340-342DL

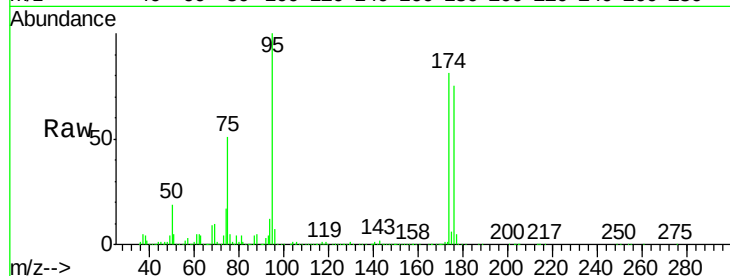
Tot Ion: 95 Resp: 237015

Ion Ratio Lower Upper

95 100

174 84.7 0.0 189.2

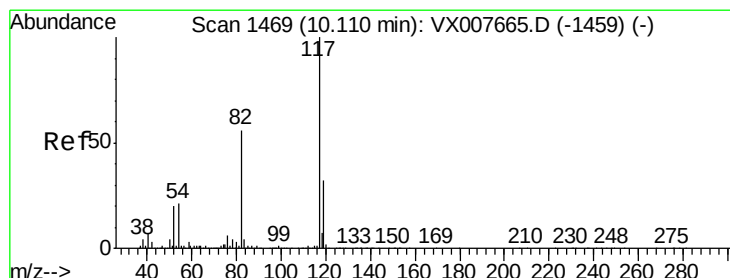
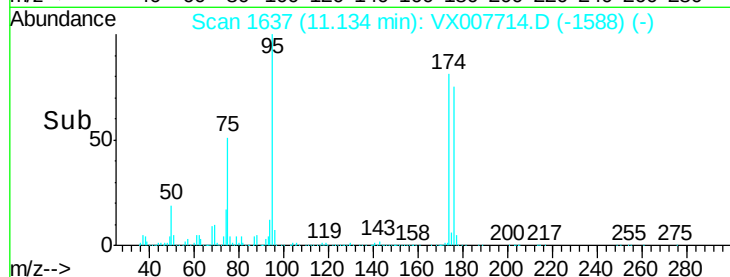
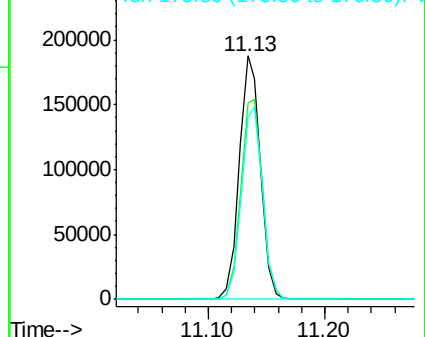
176 79.4 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007714.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007714.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007714.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

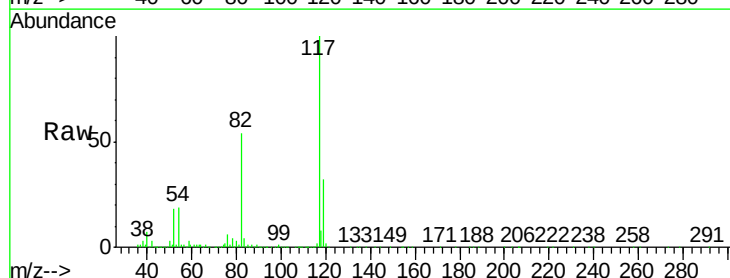
Tgt Ion: 117 Resp: 529960

Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

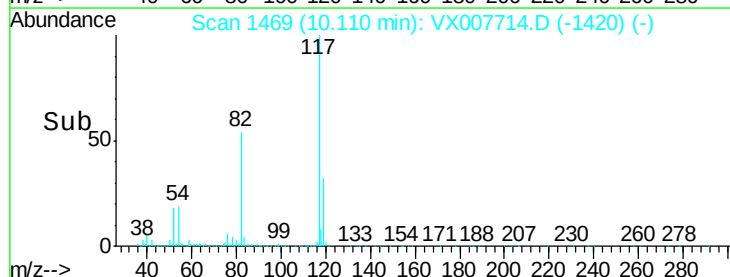
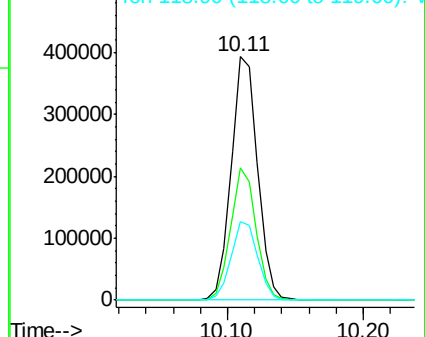
119 32.0 26.5 39.7

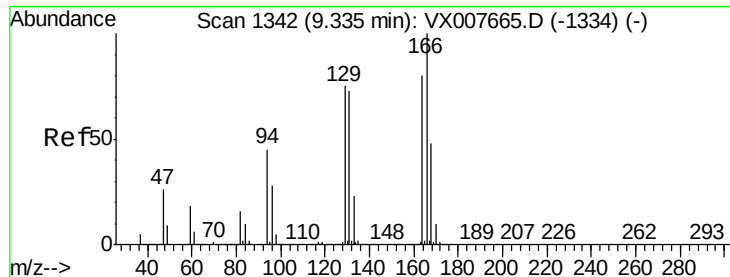


Abundance Ion 116.90 (116.60 to 117.60): VX007714.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007714.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007714.D (-1420) (-)





#64

Tetrachloroethene

Concen: 20.823 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-340-342DL

Tot Ion:164 Resp: 89588

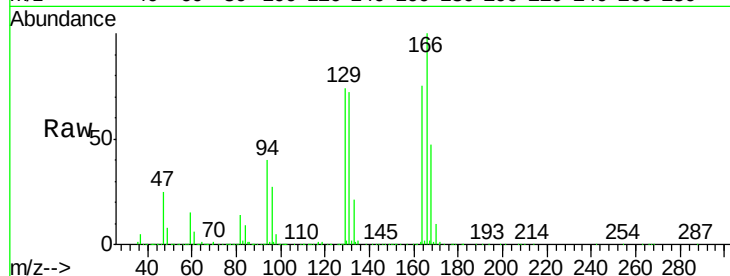
Ion Ratio Lower Upper

164 100

166 132.5 101.0 151.4

129 97.4 70.5 105.7

131 95.5 69.8 104.6

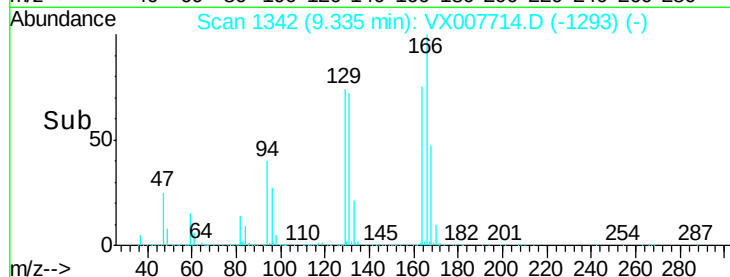


Abundance Ion 163.80 (163.50 to 164.50): V

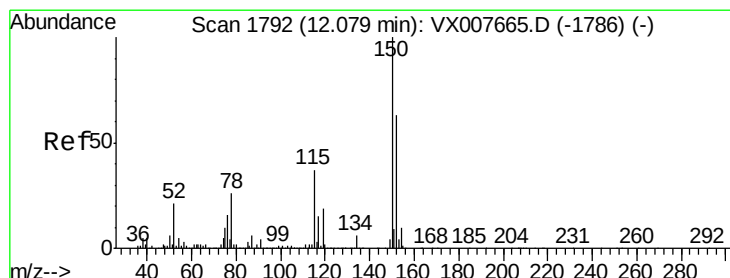
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007714.D

Acq: 26 Feb 2019 15:33

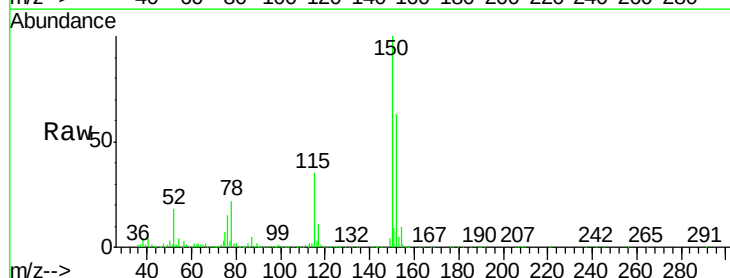
Tgt Ion:152 Resp: 236603

Ion Ratio Lower Upper

152 100

115 57.0 38.0 114.0

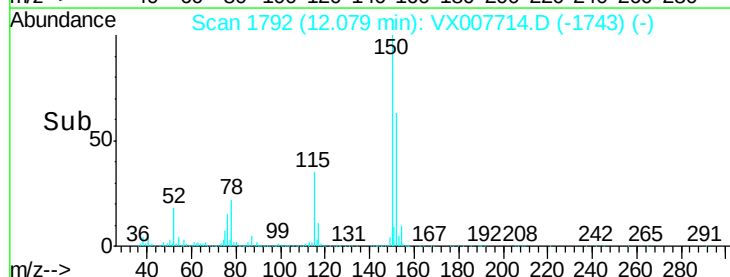
150 160.5 0.0 346.4



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



Time-->