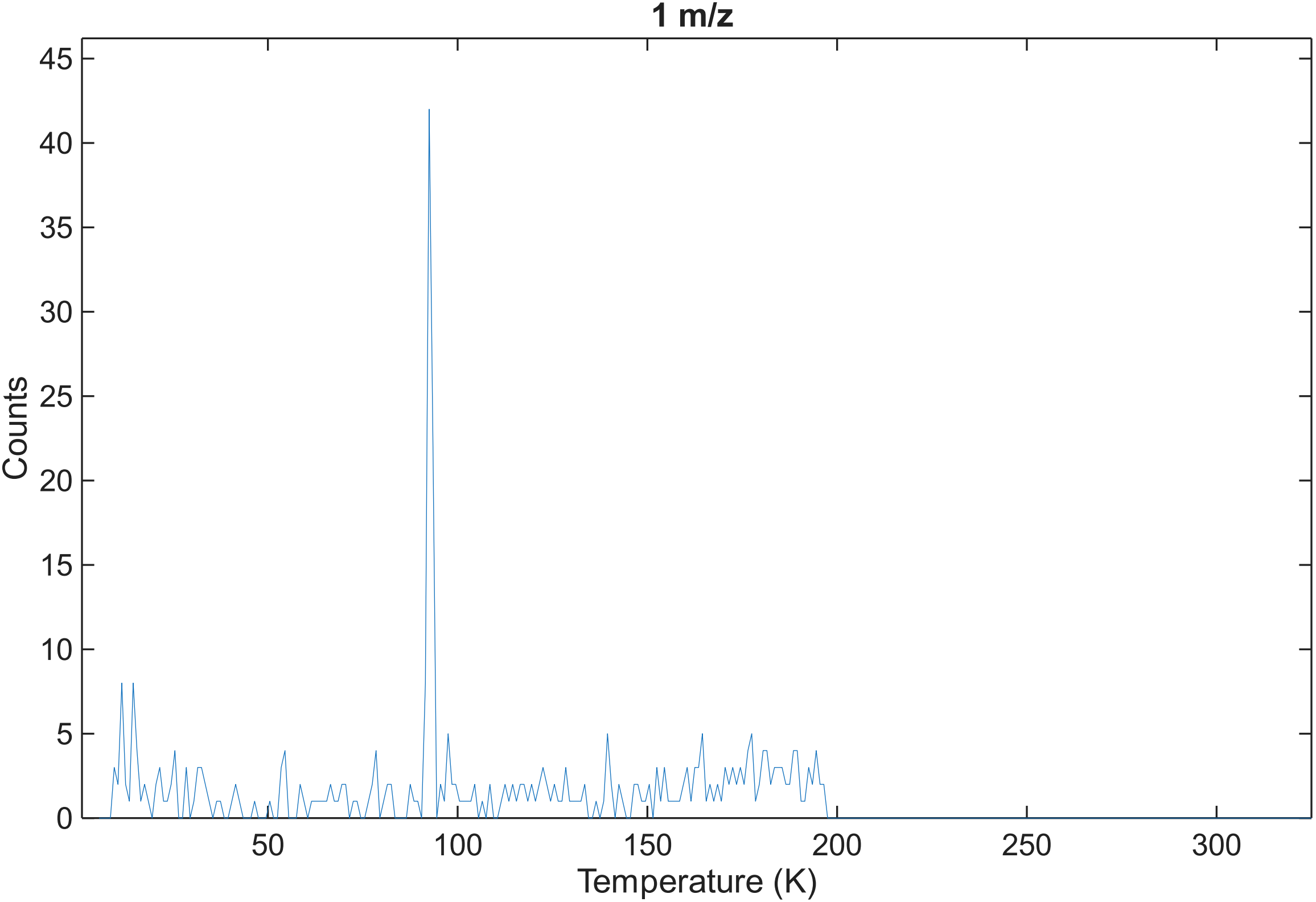
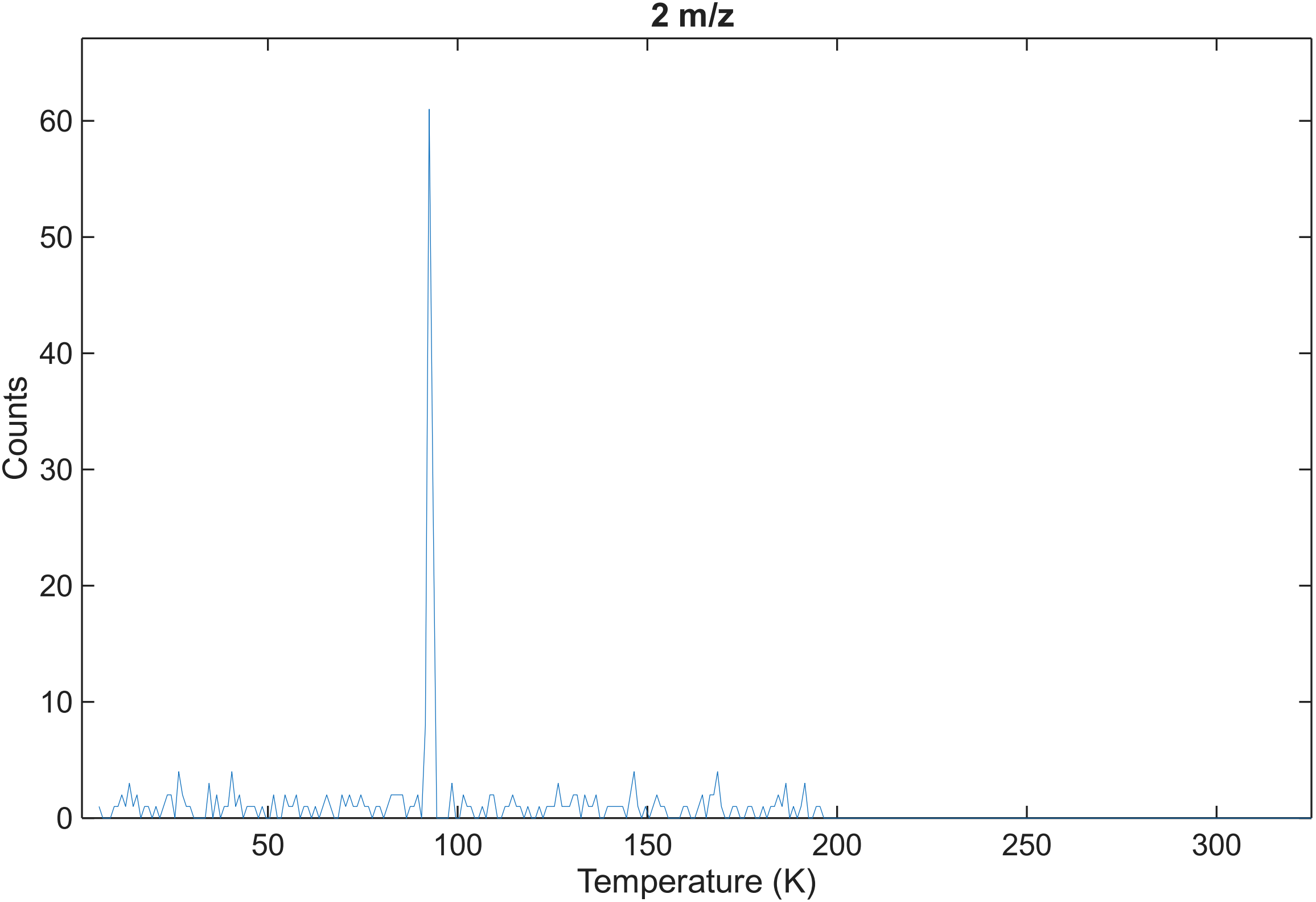
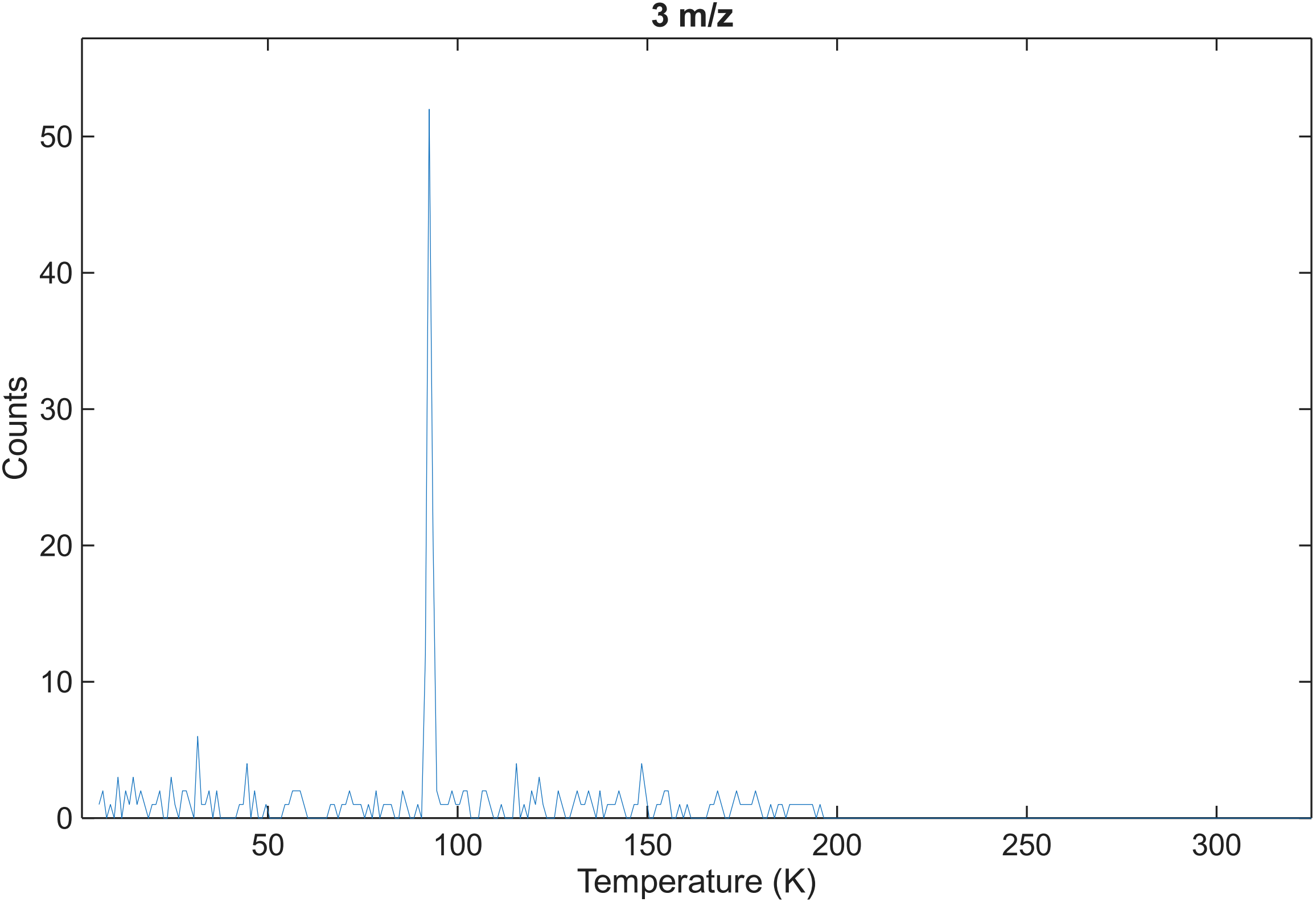
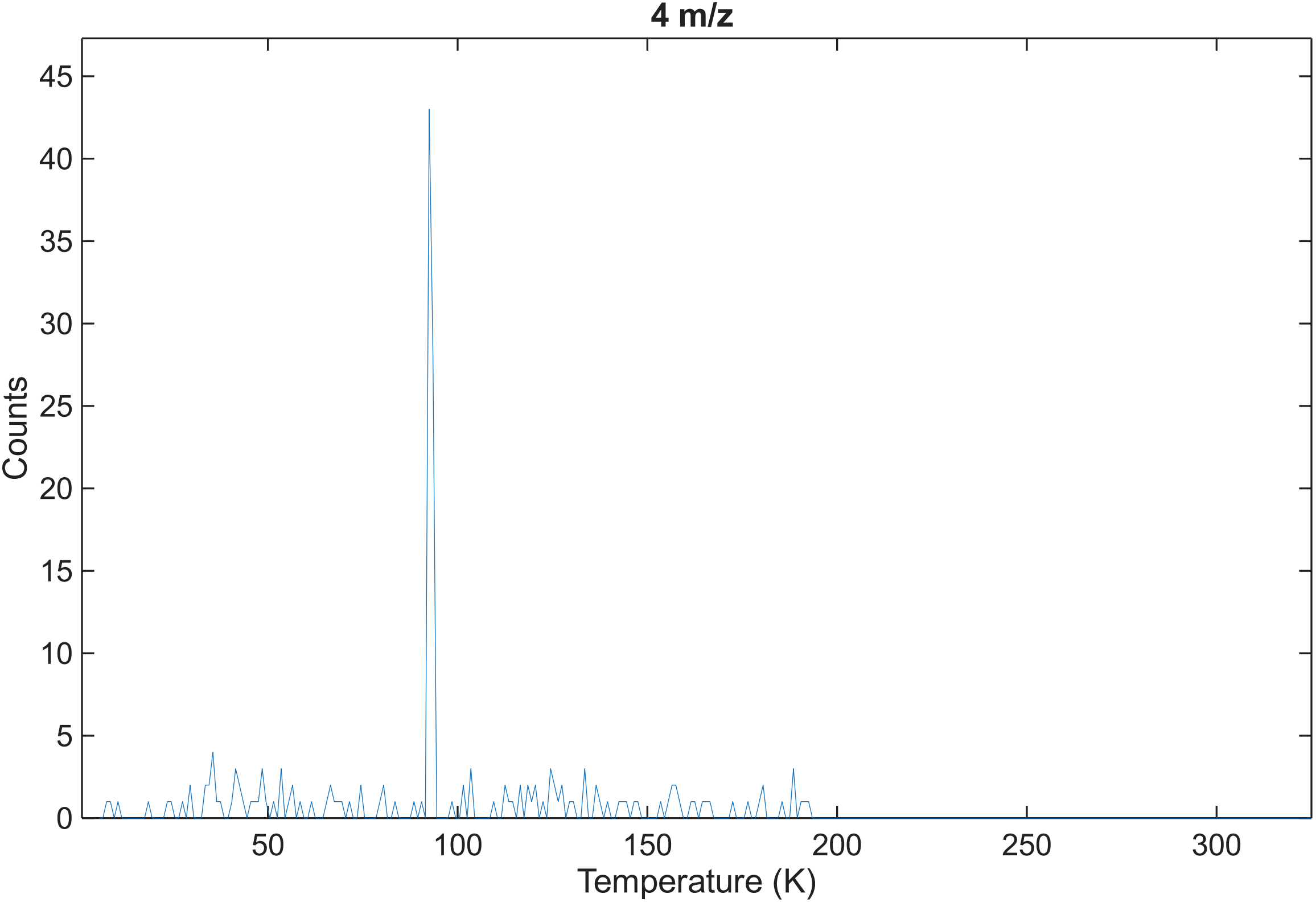
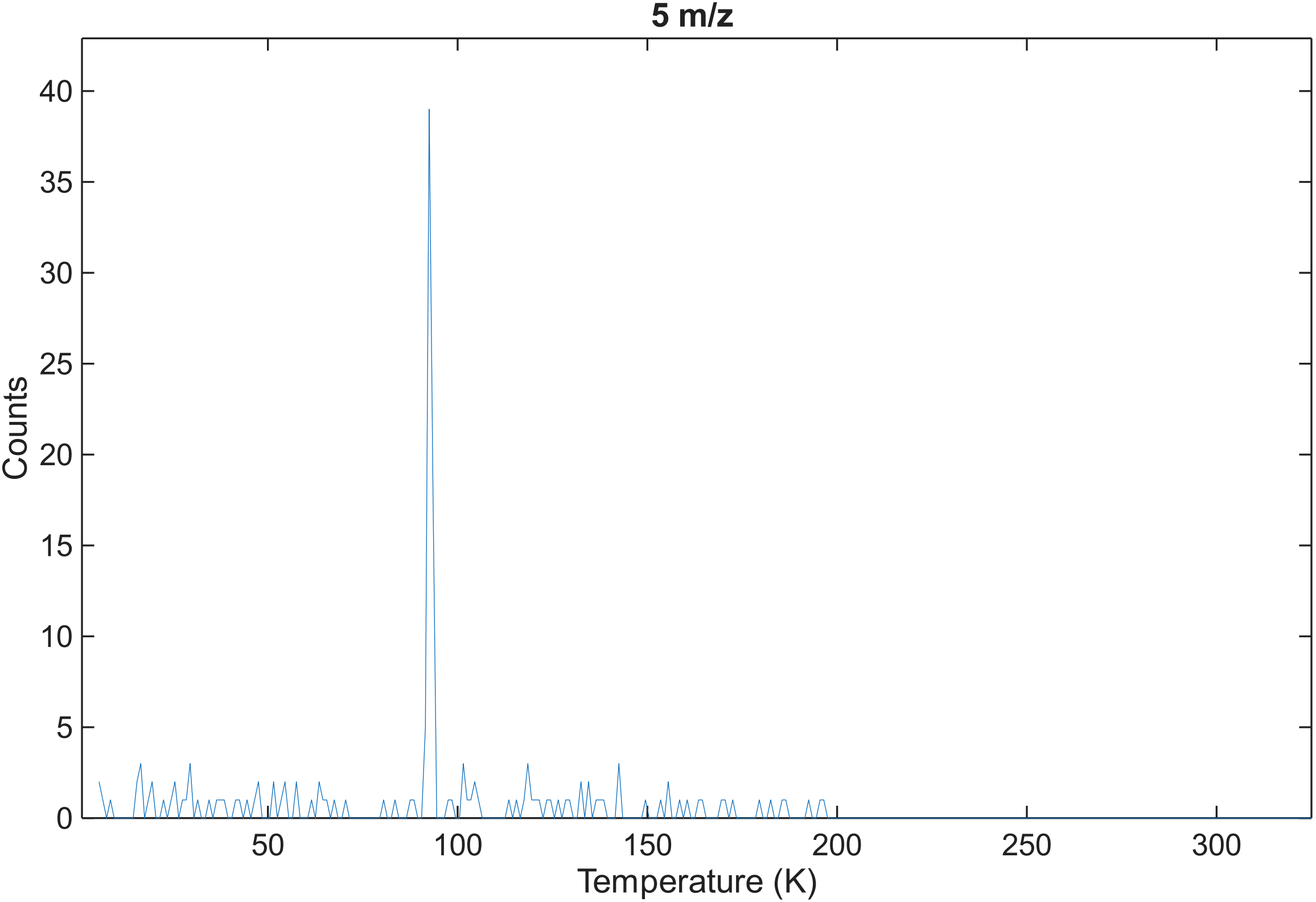
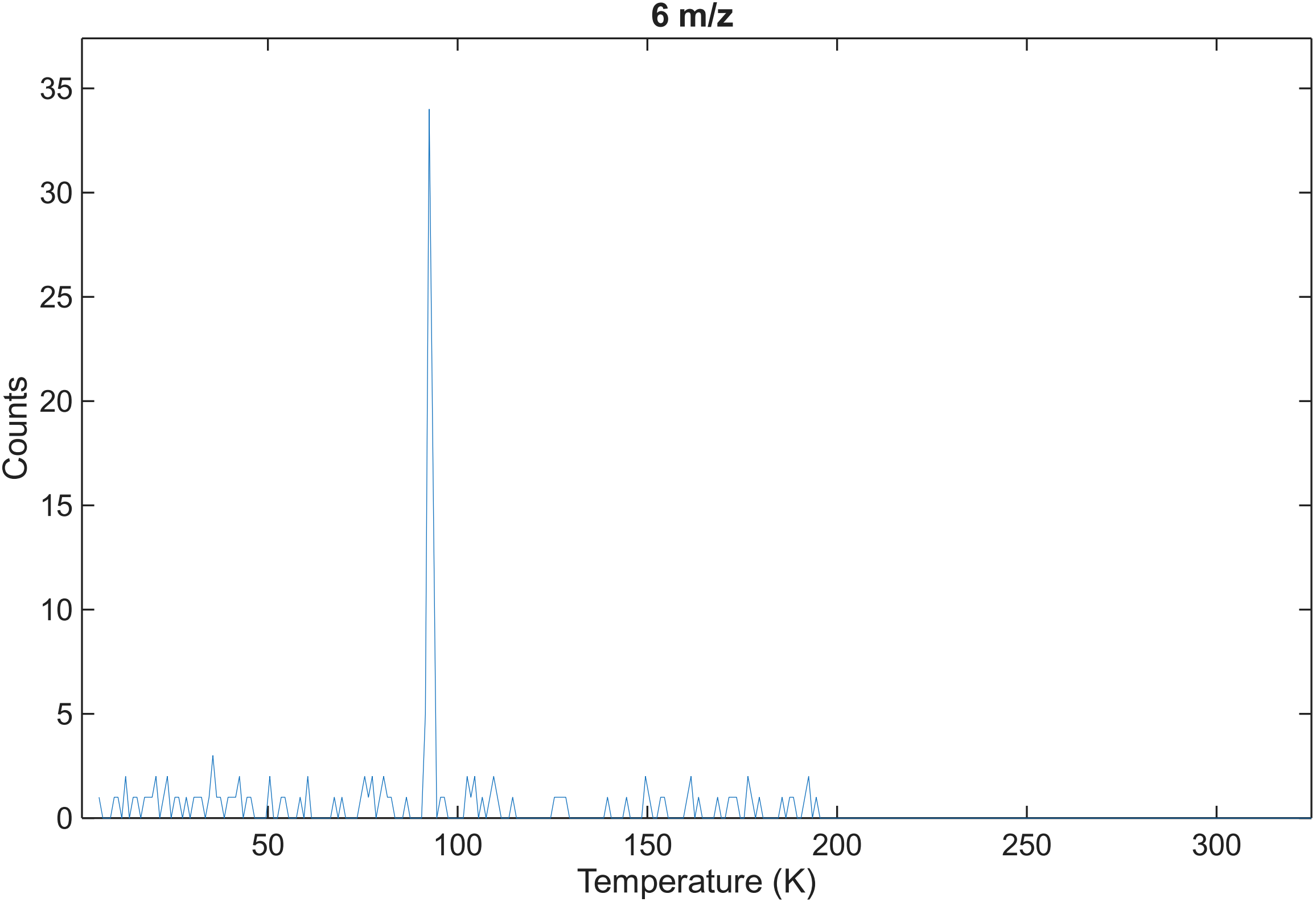

1 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300

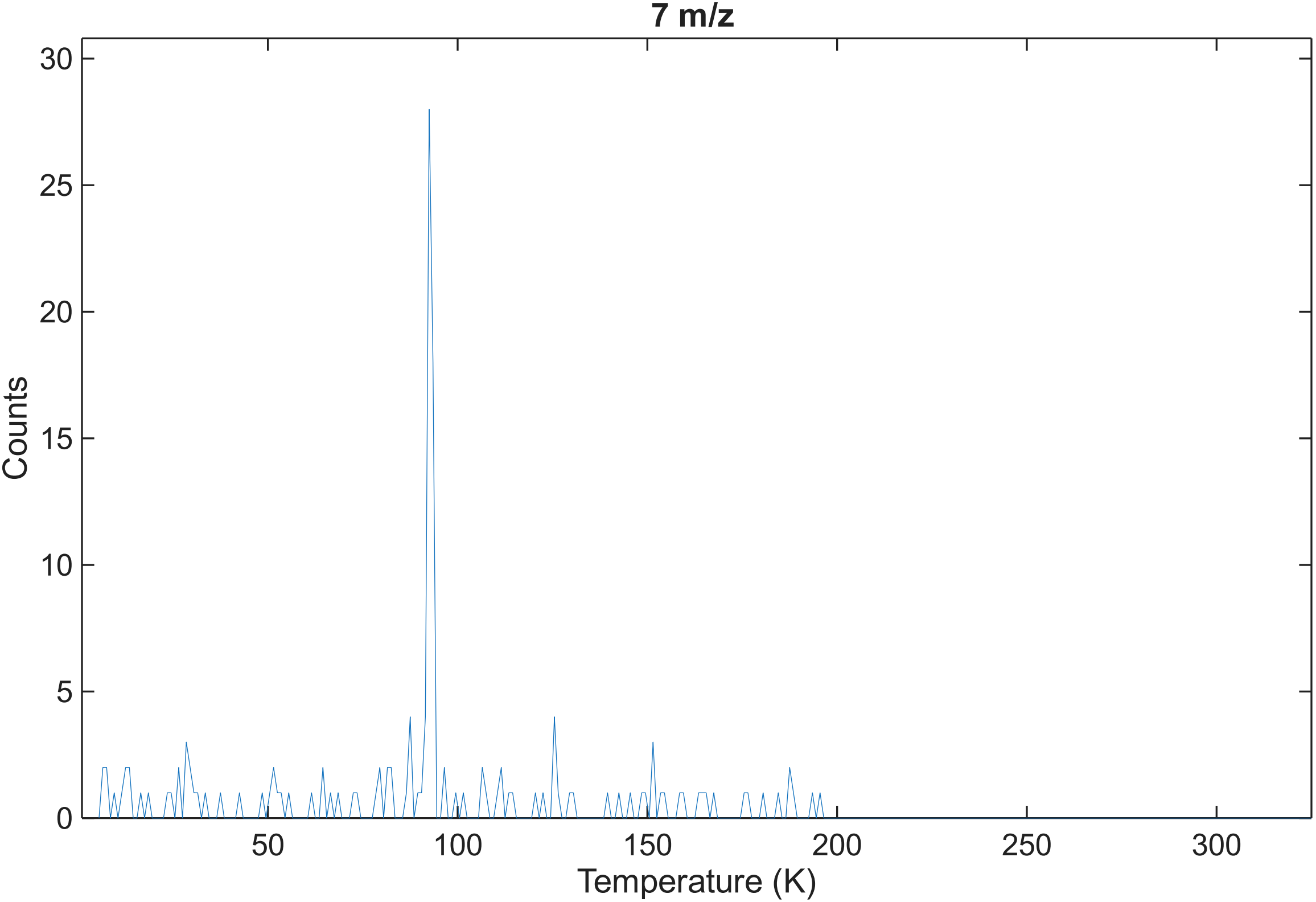

2 m/z
Counts
0
10
20
30
40
50
60
50
100
150
200
250
300
Temperature (K)

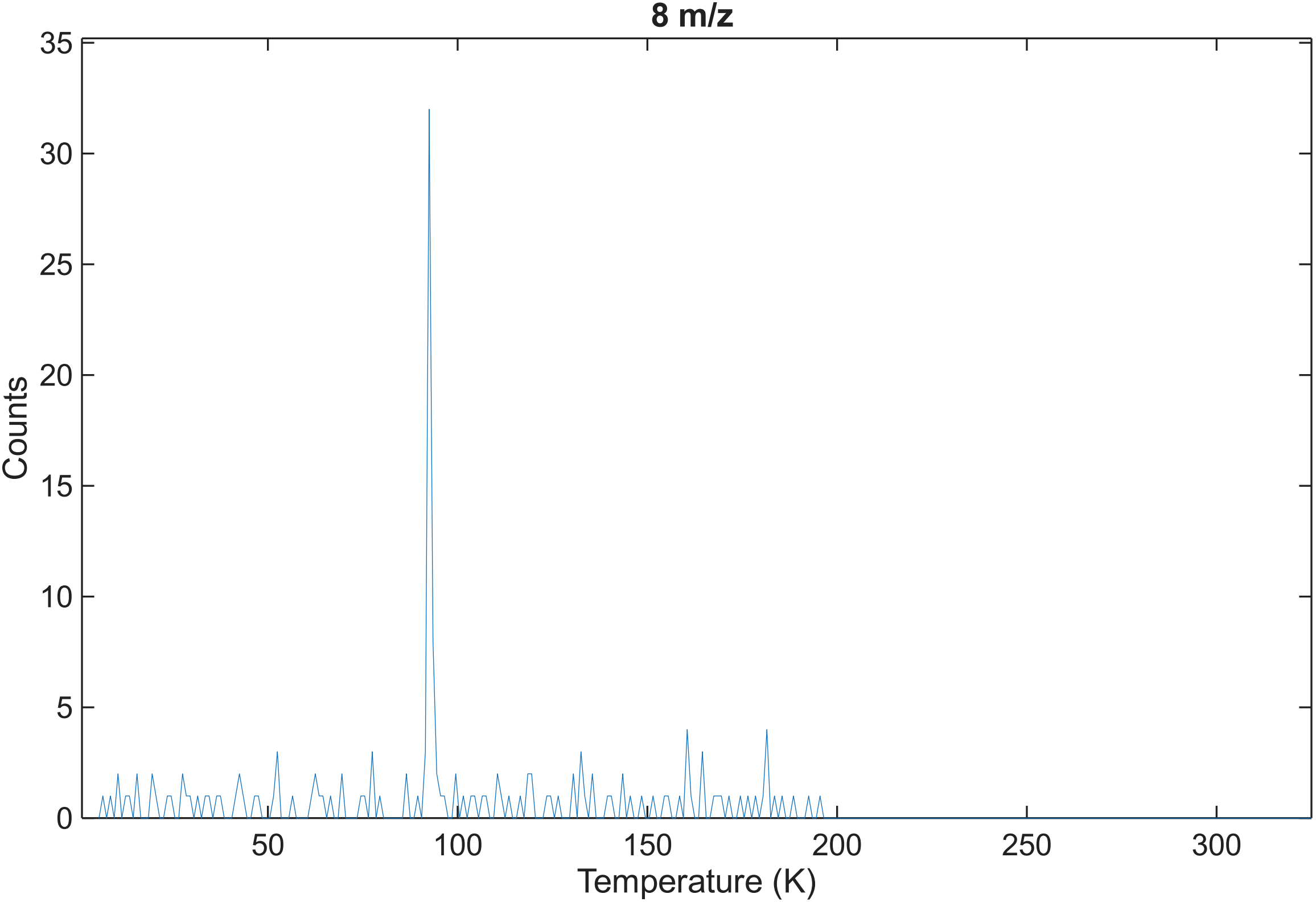

3 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

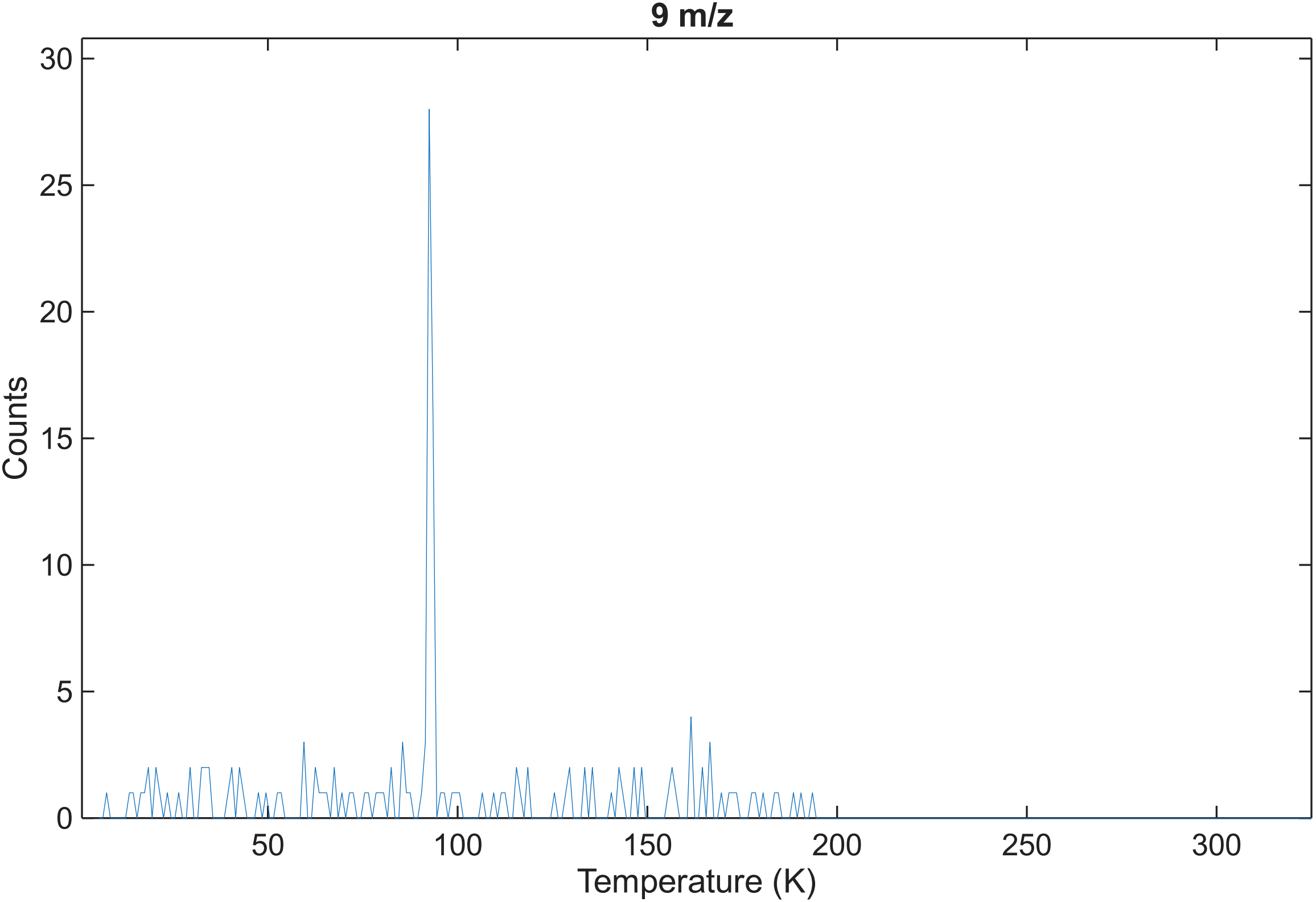

4 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300

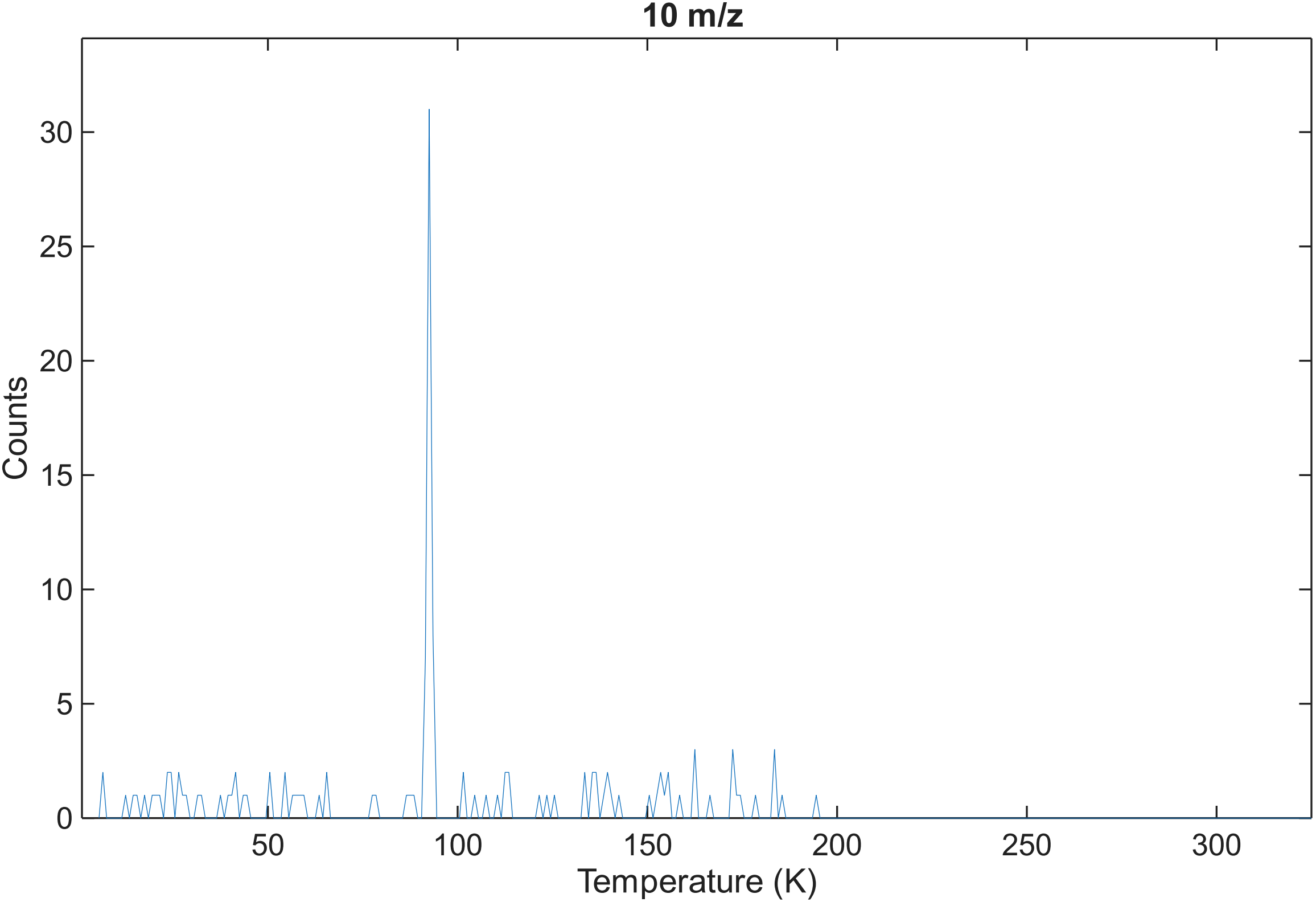

5 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
50
100
150
200
250
300

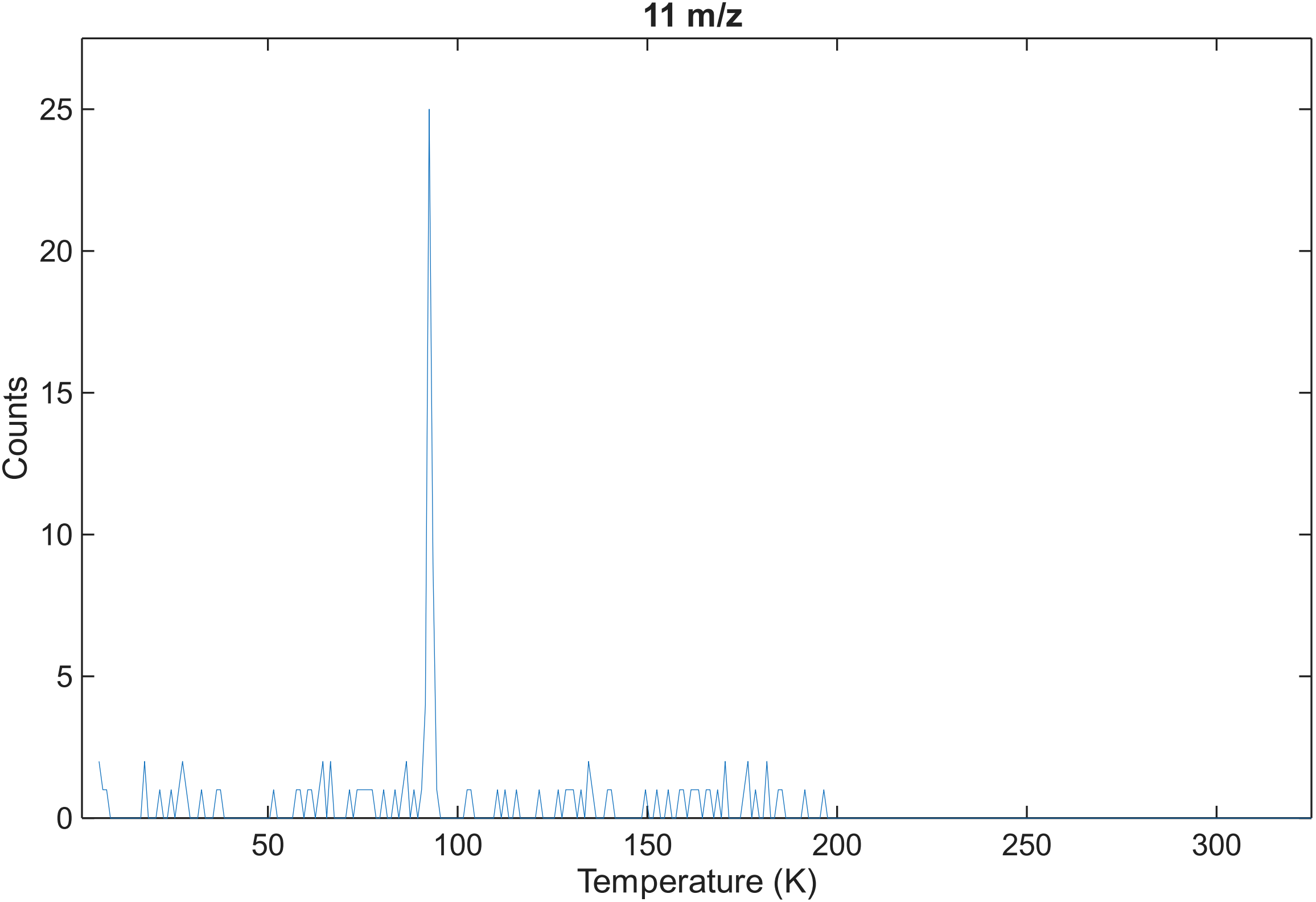

6 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

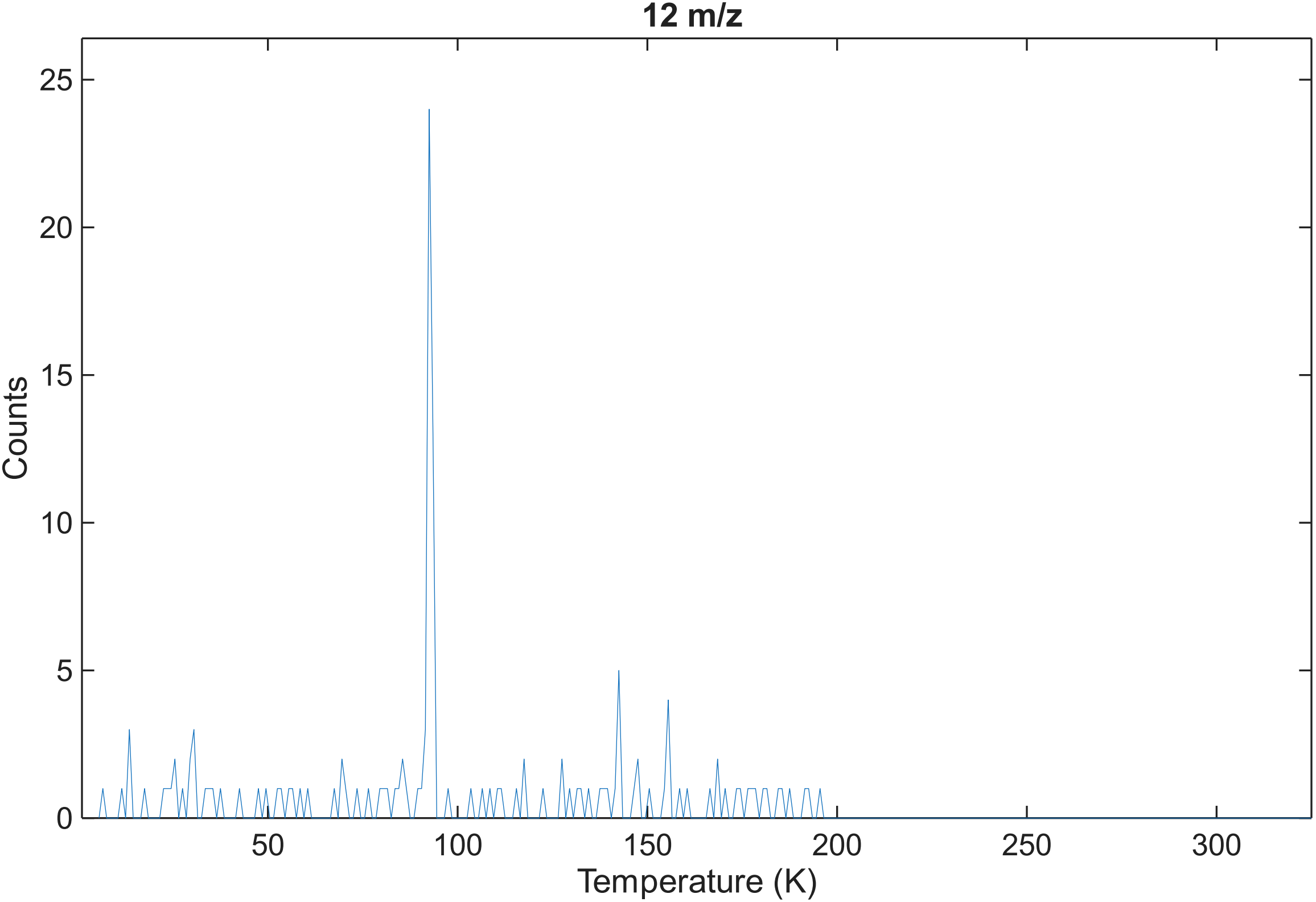

7 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

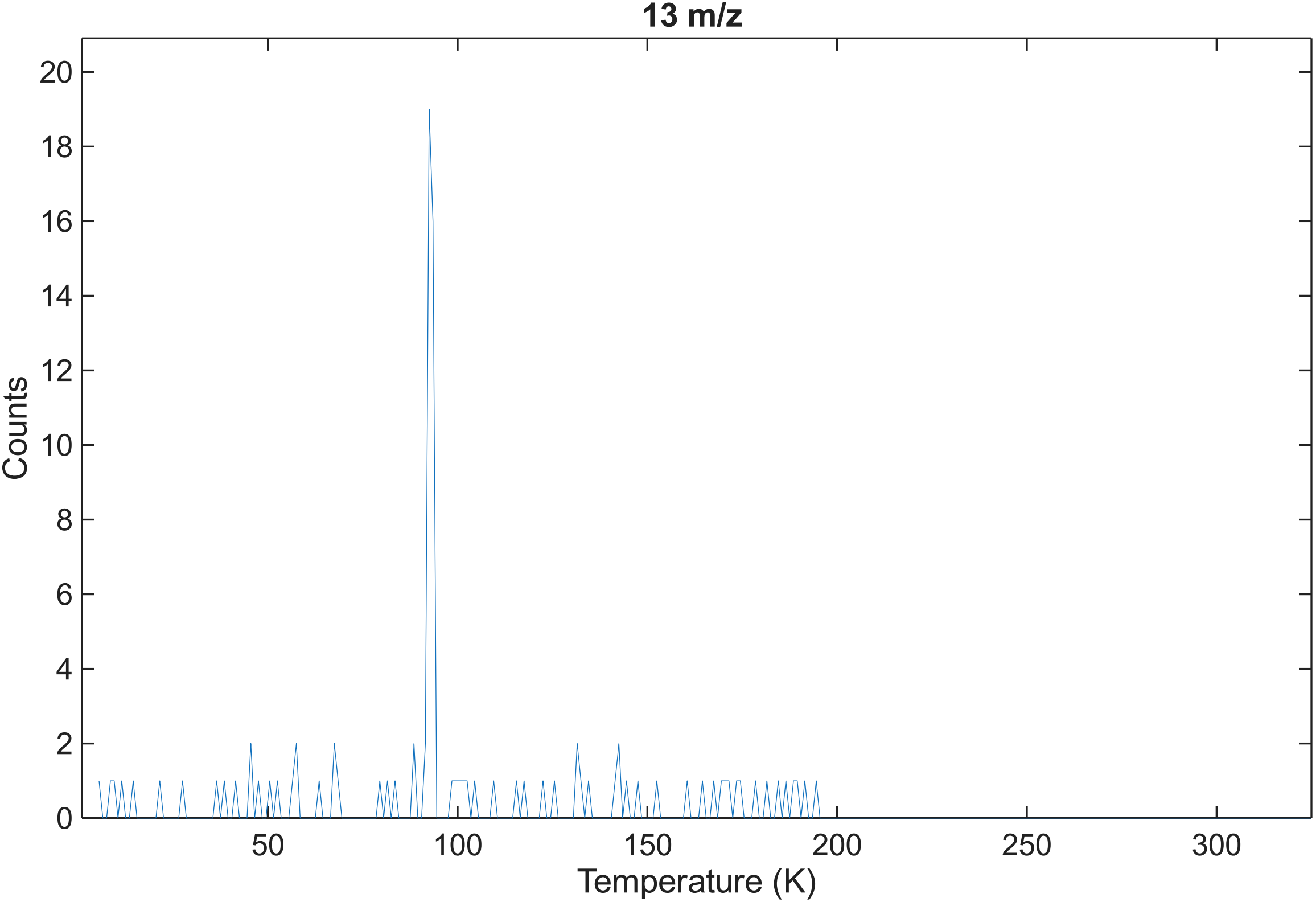

8 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

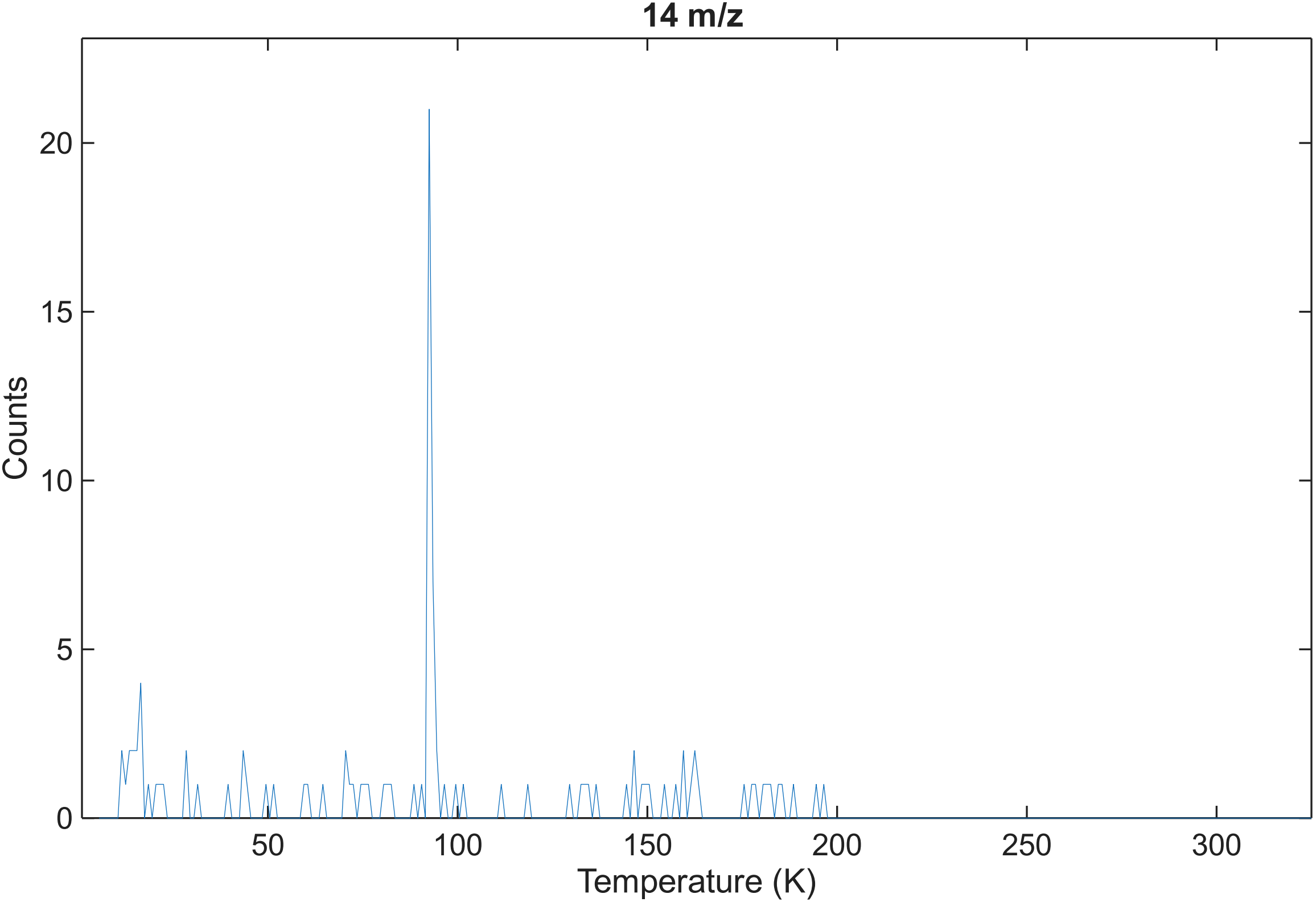

9 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

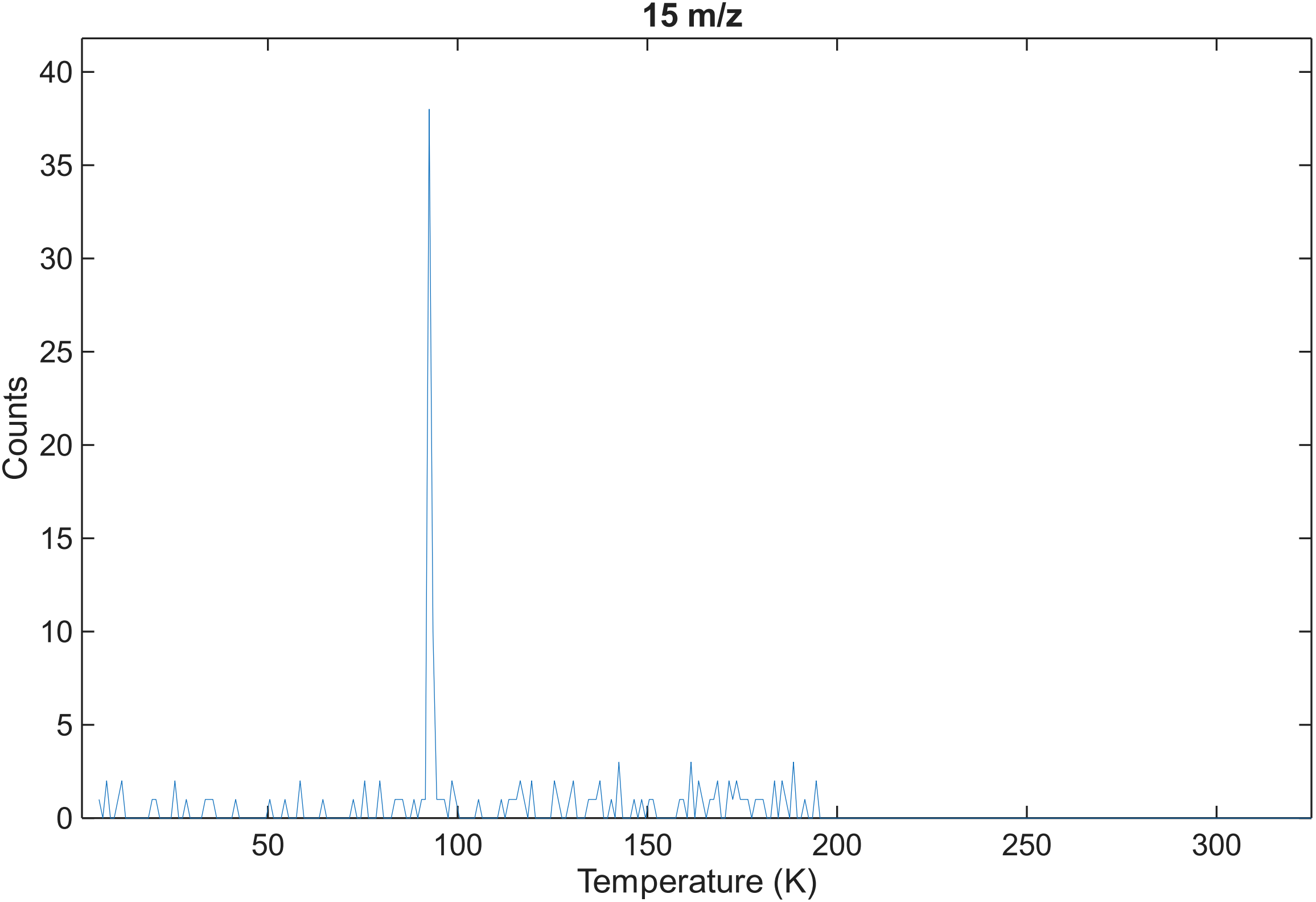

10 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

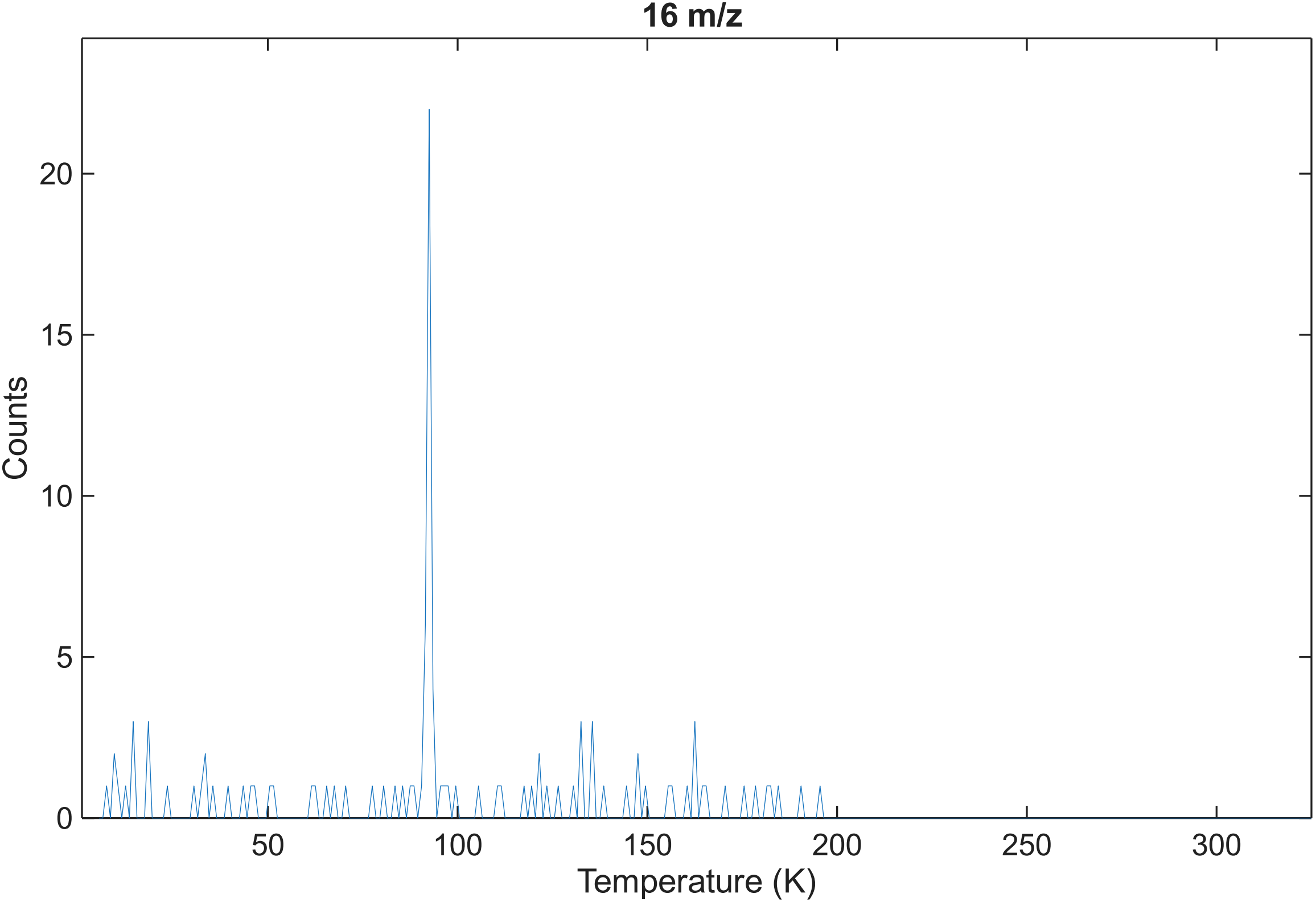

11 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

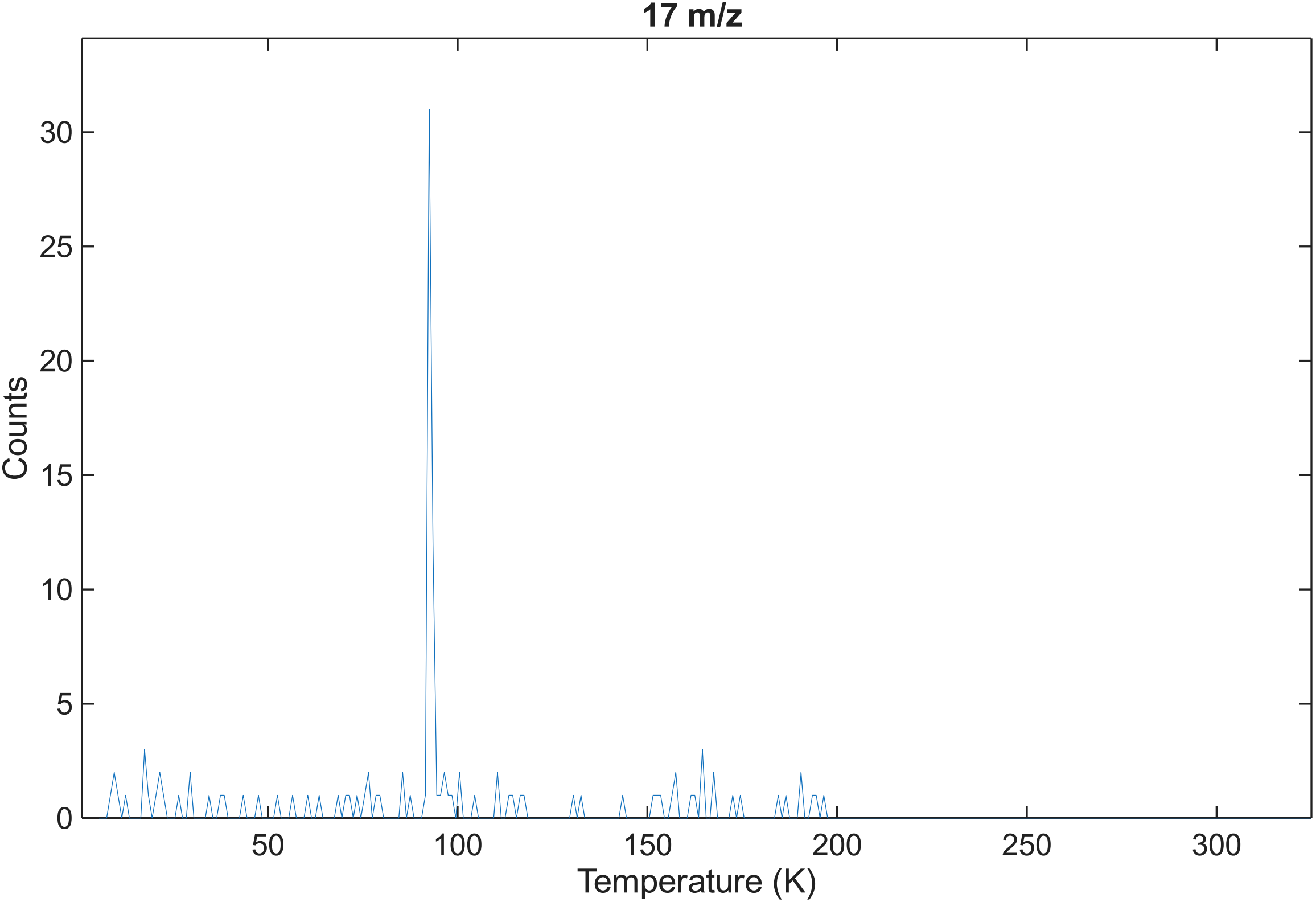

12 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

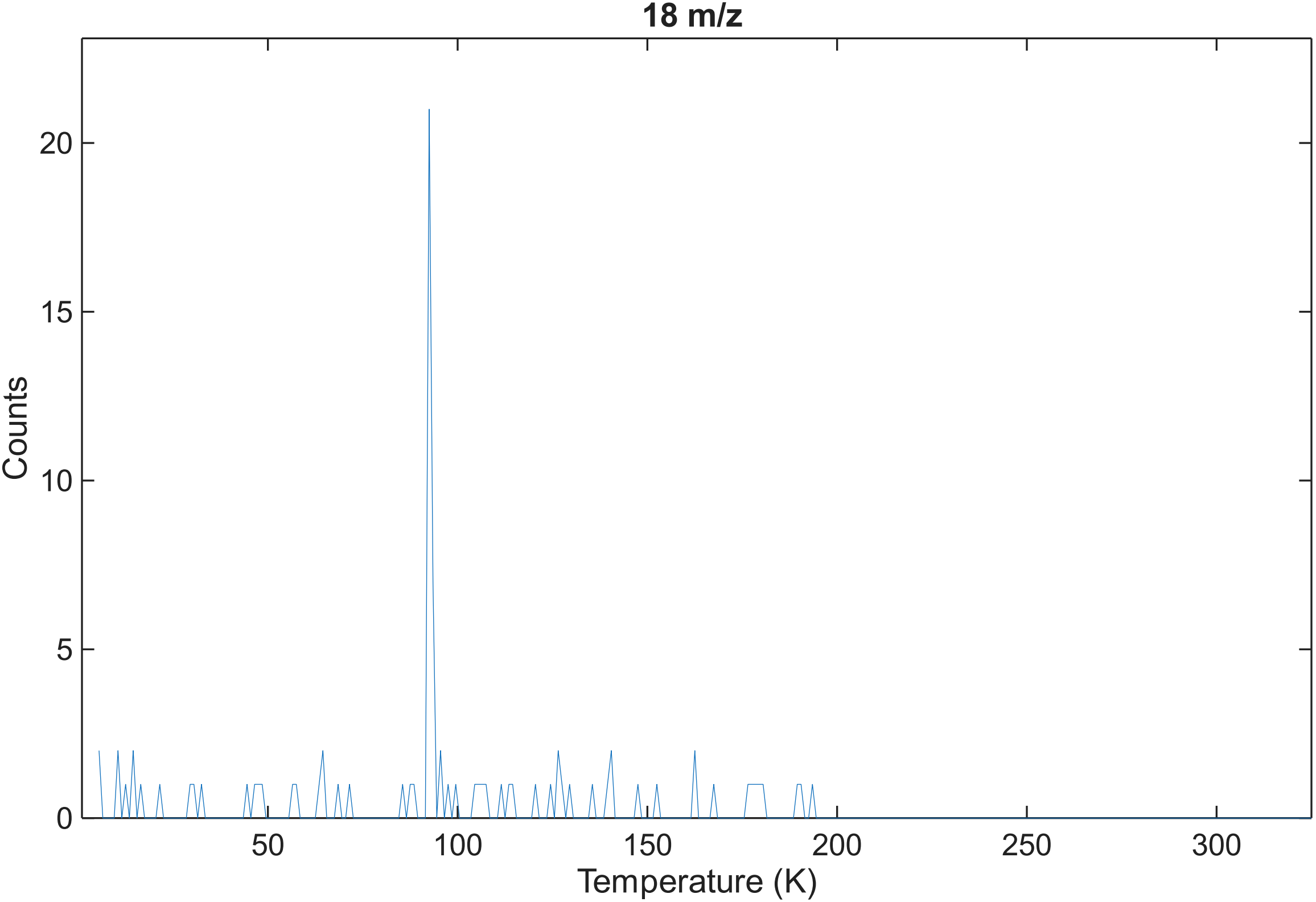

13 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

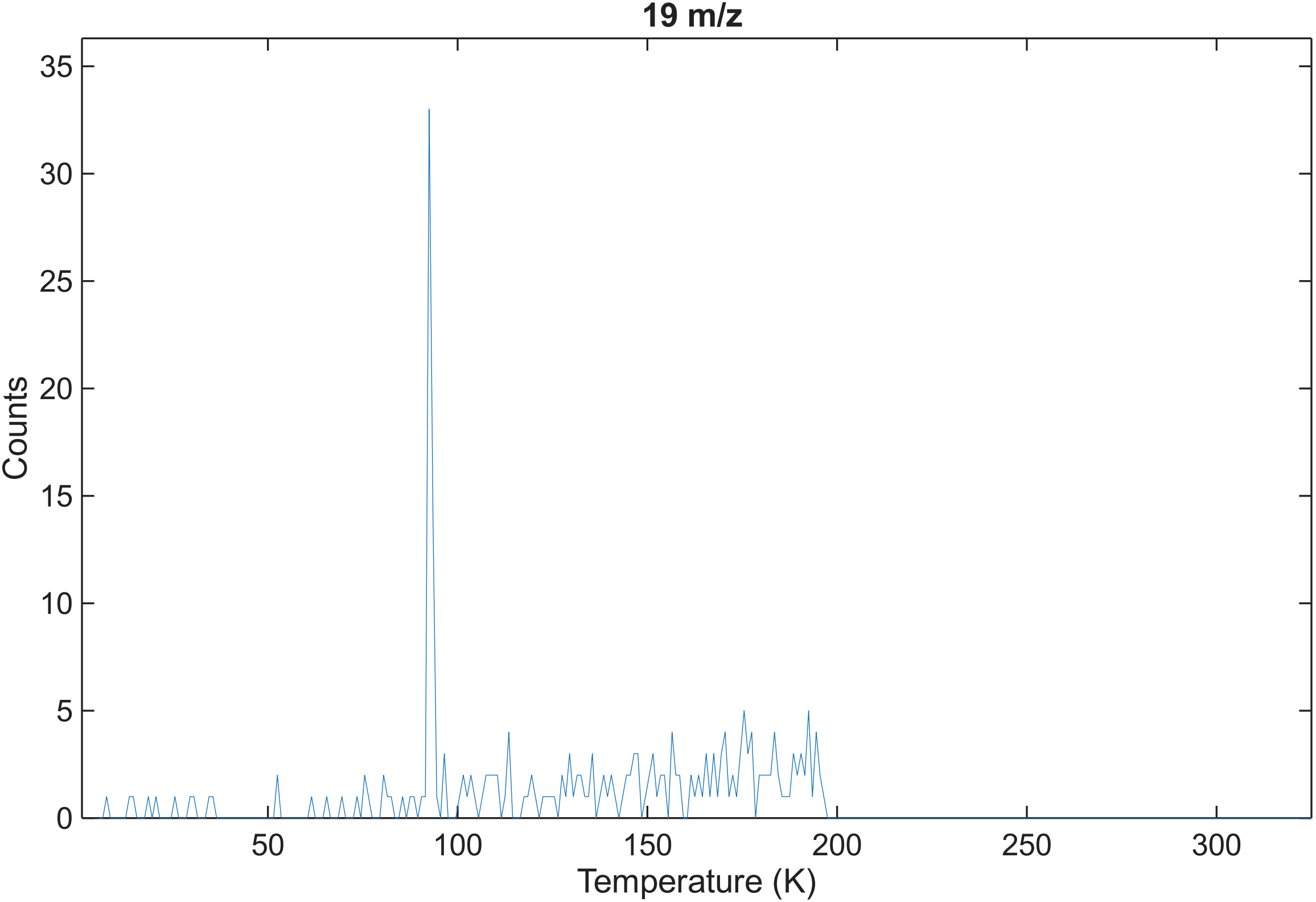

14 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

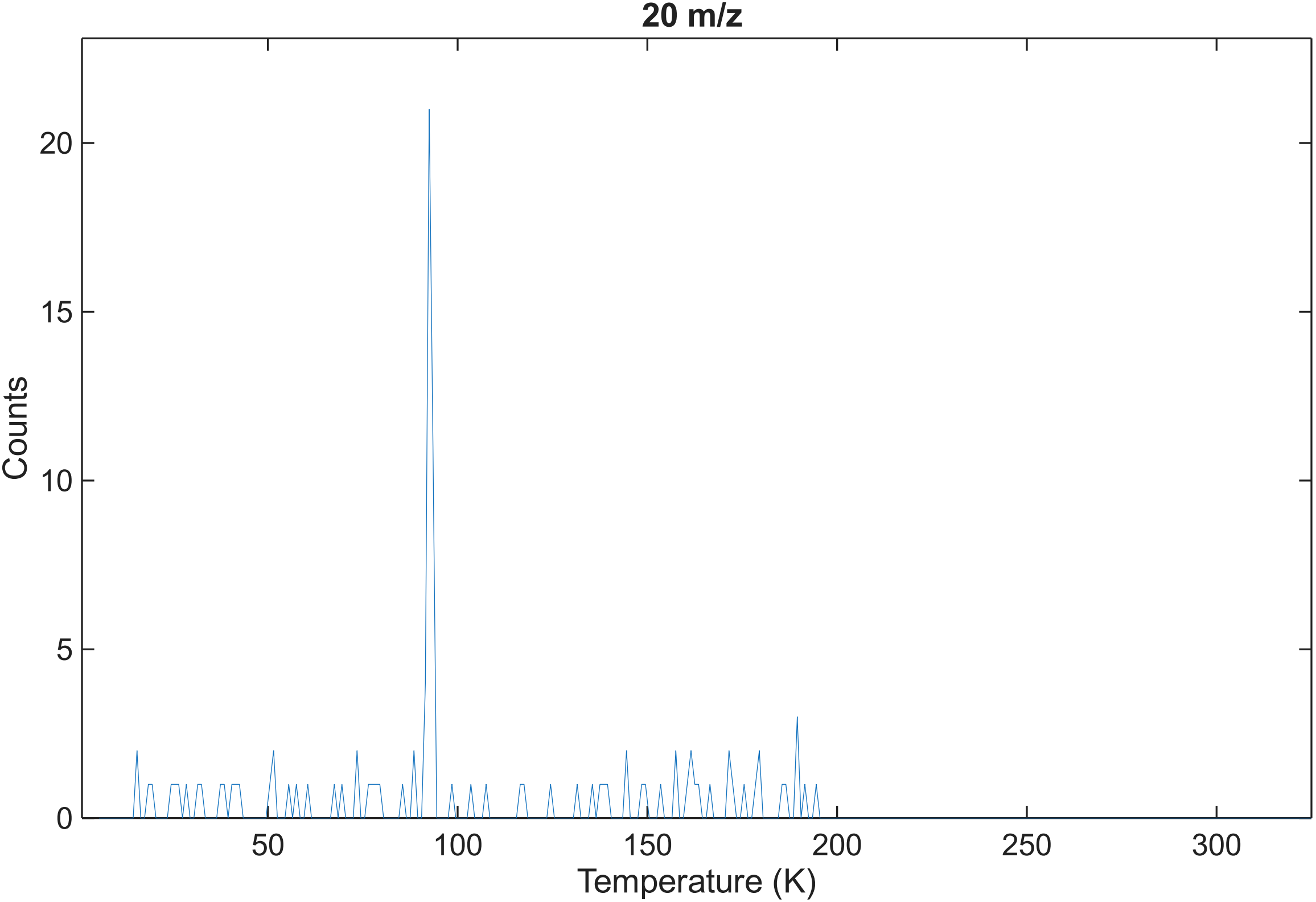

15 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
50
100
150
200
250
300

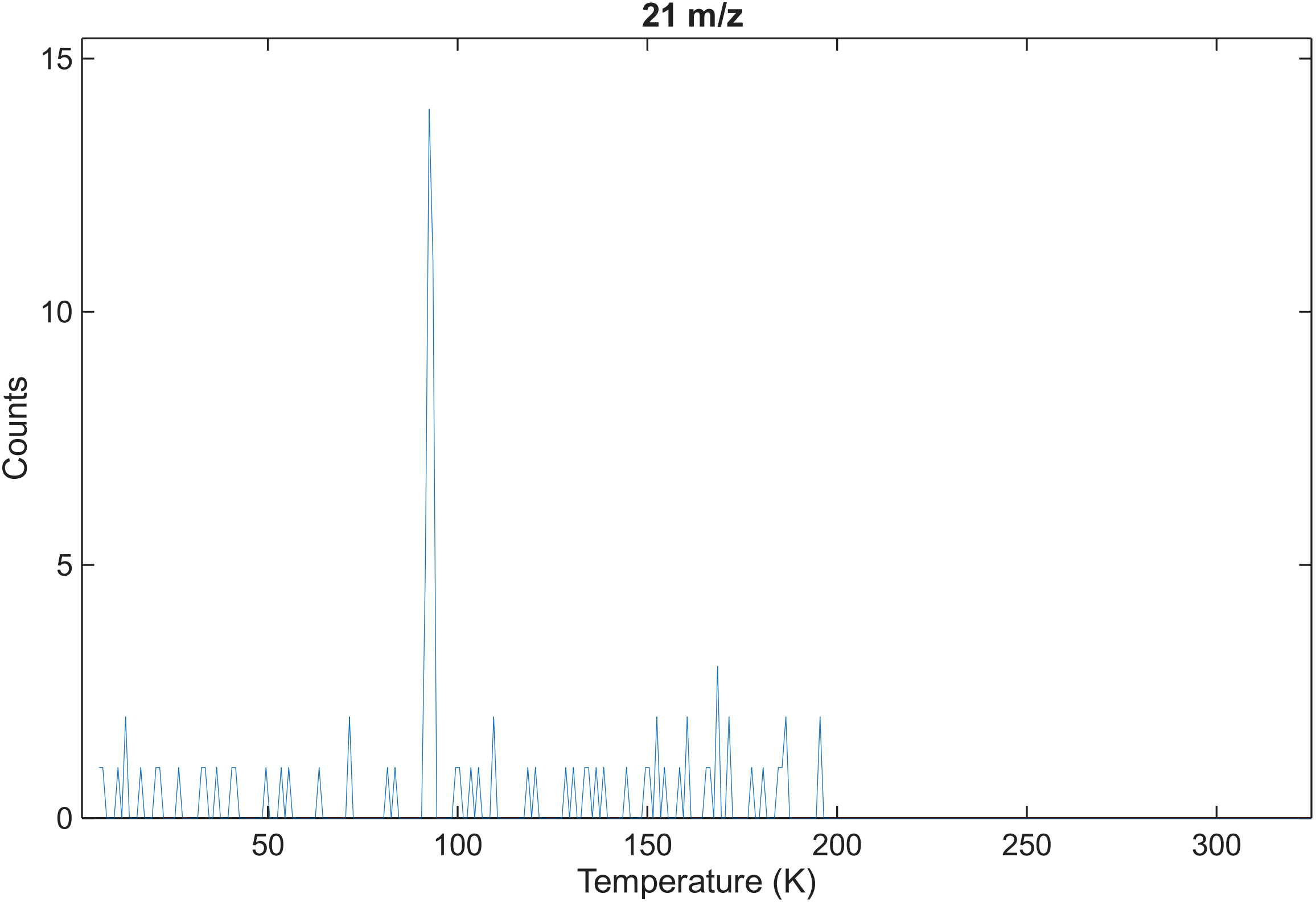

16 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

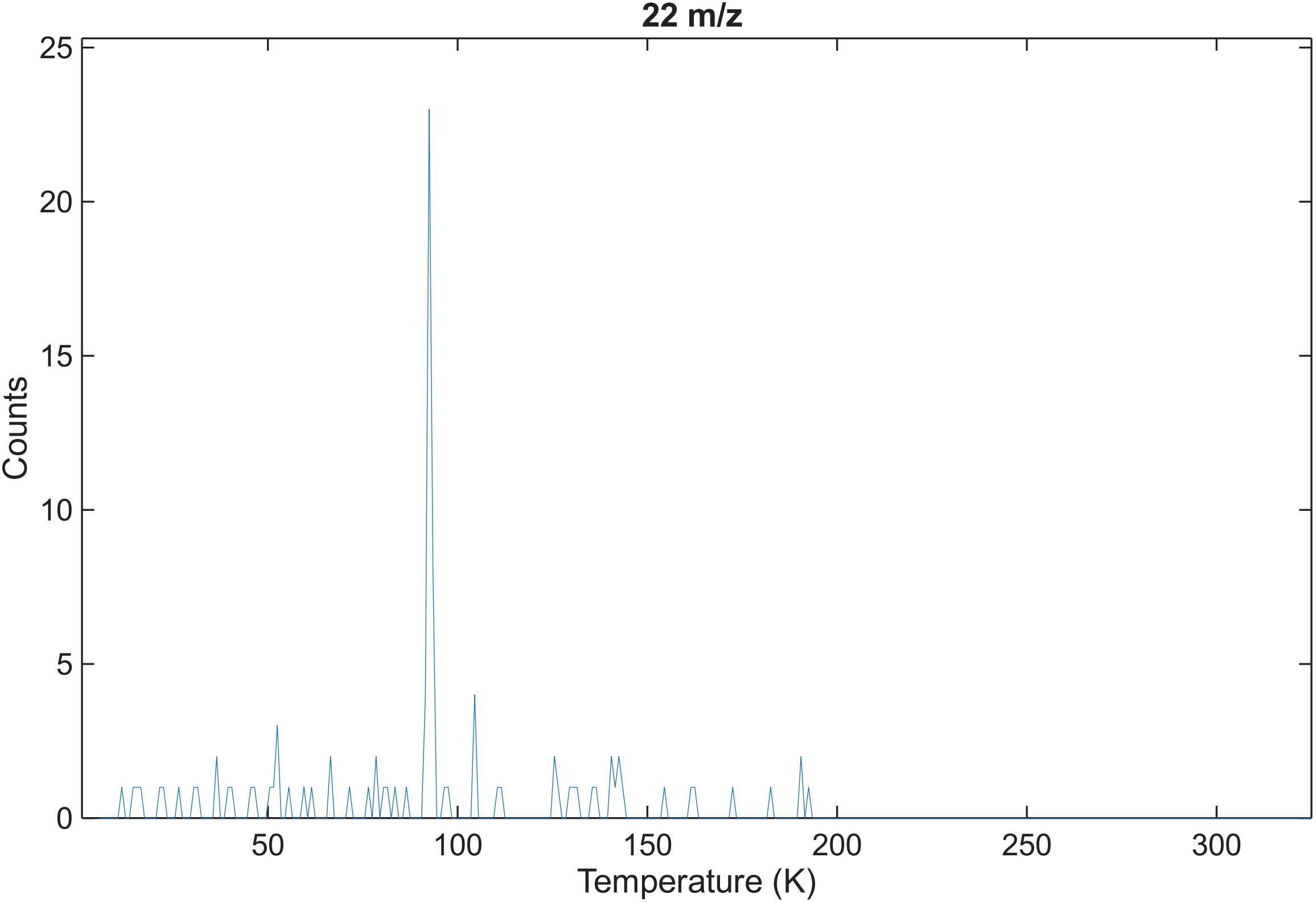

17 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

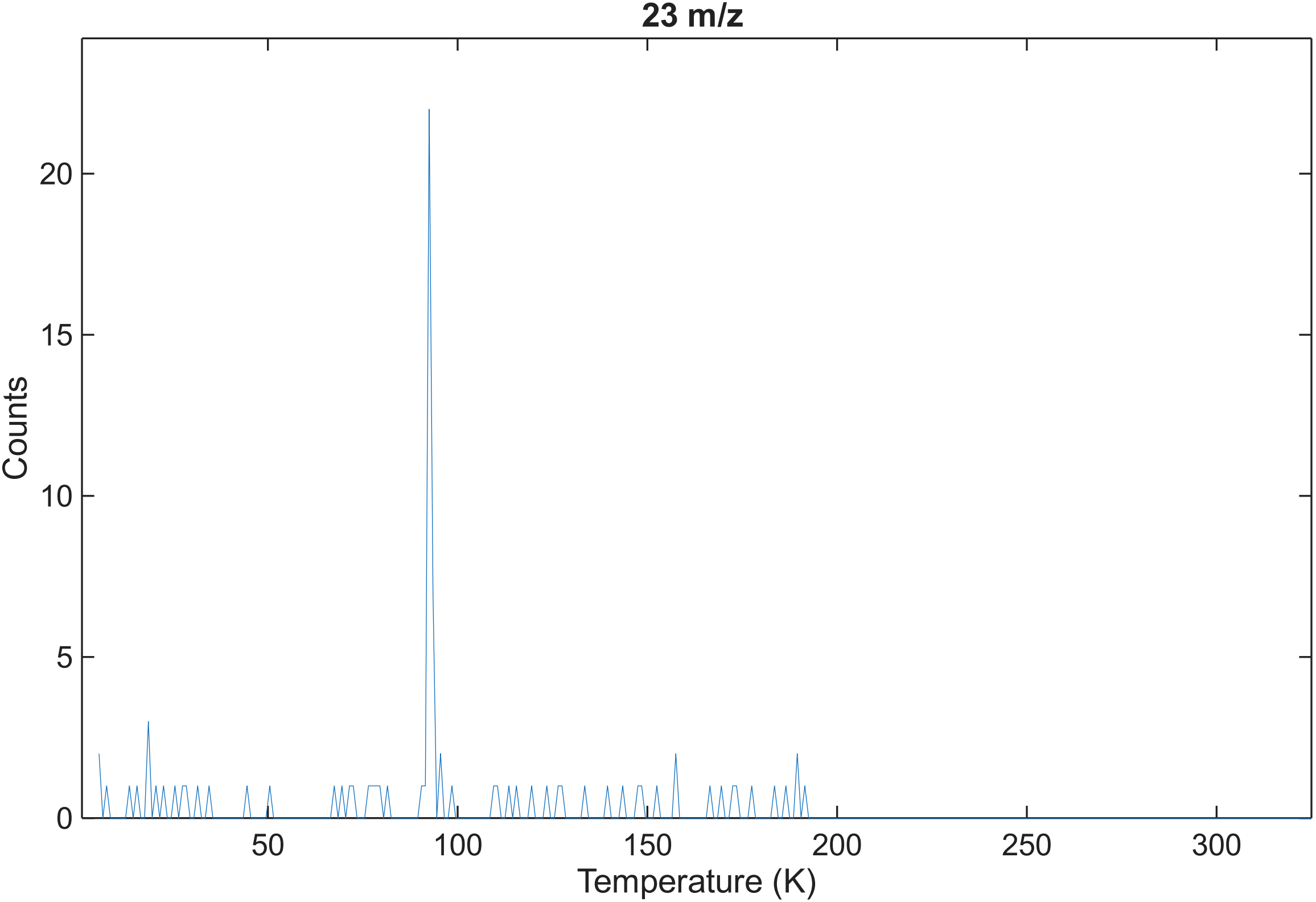

18 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

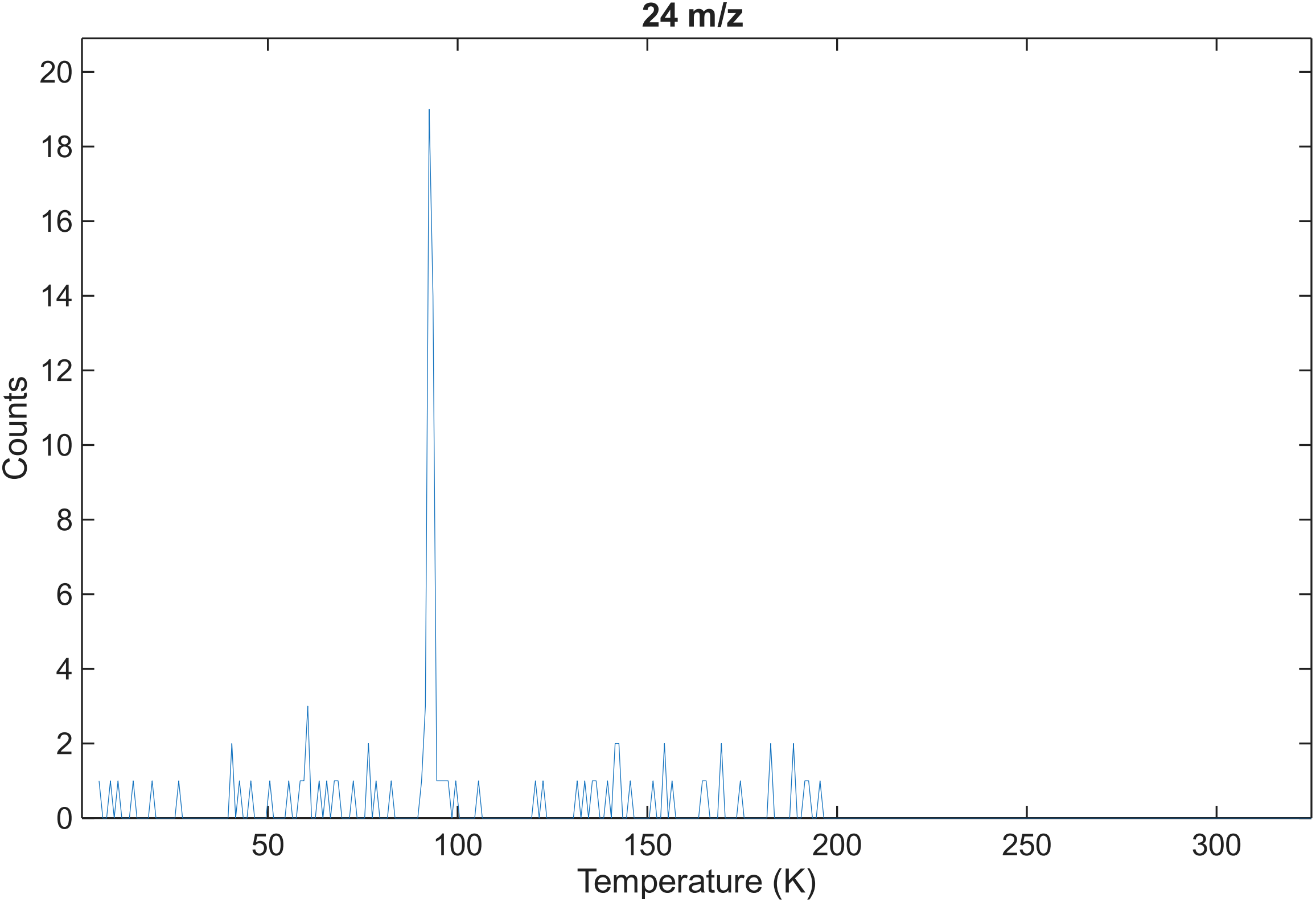

19 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

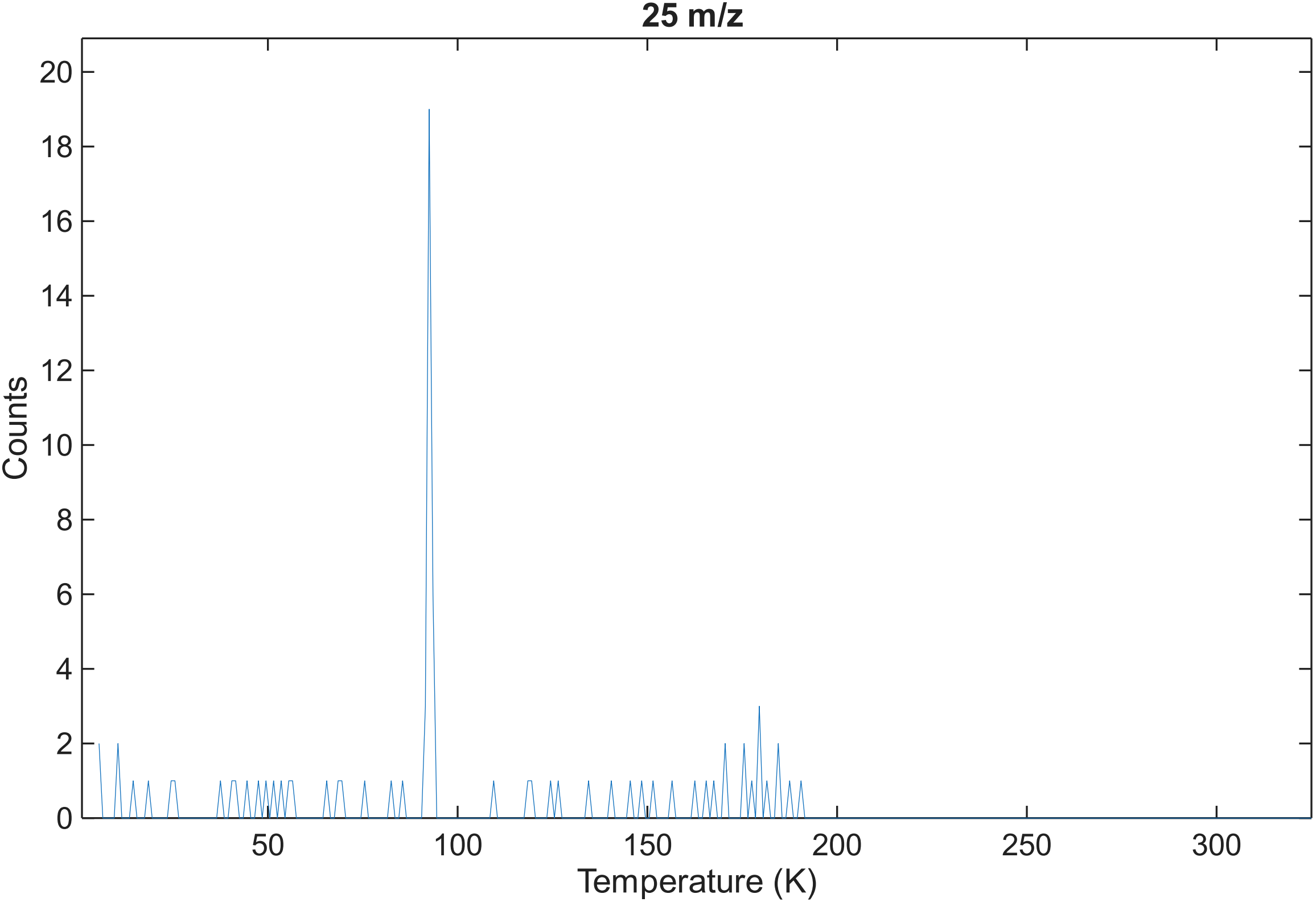

20 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

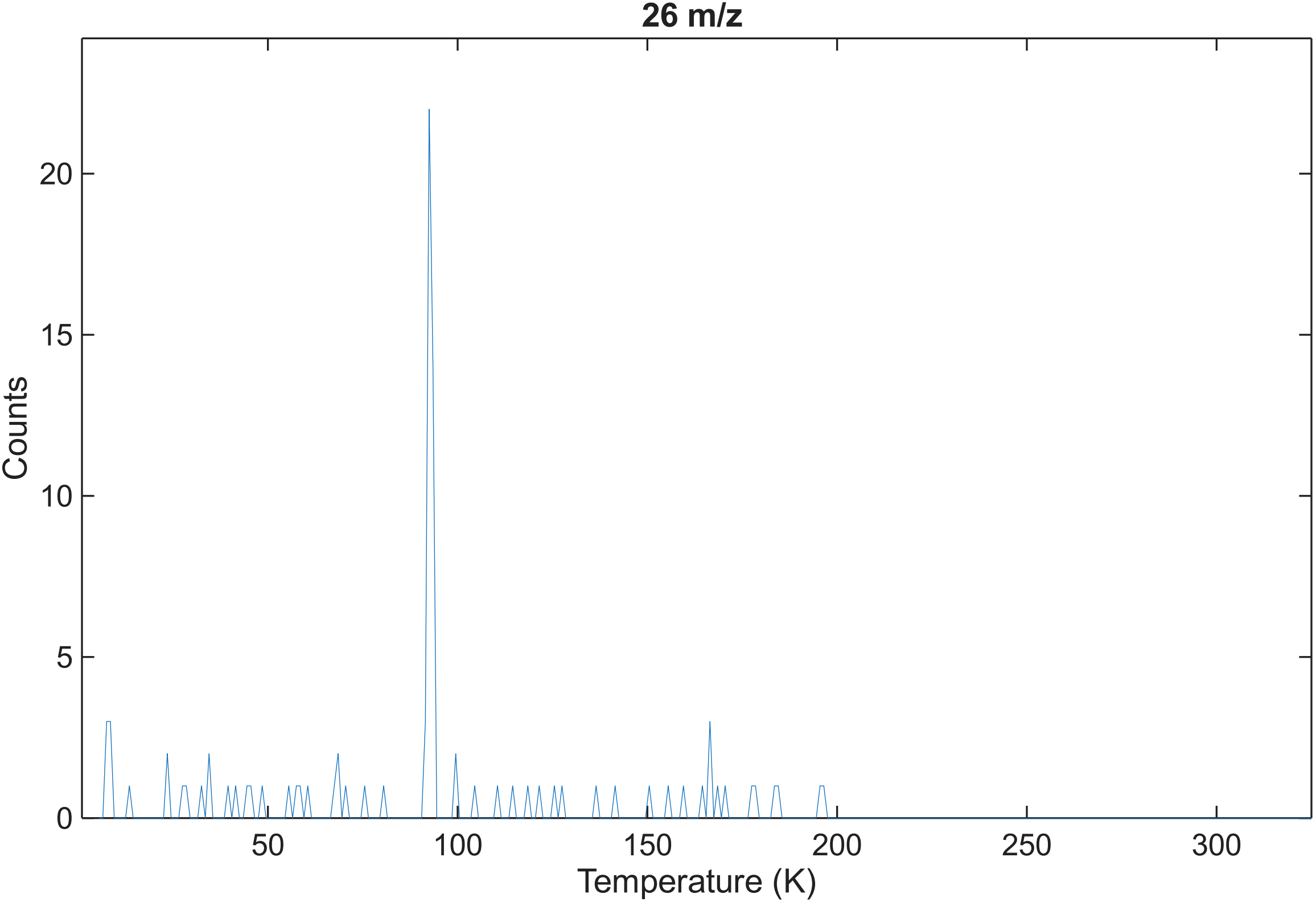

21 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

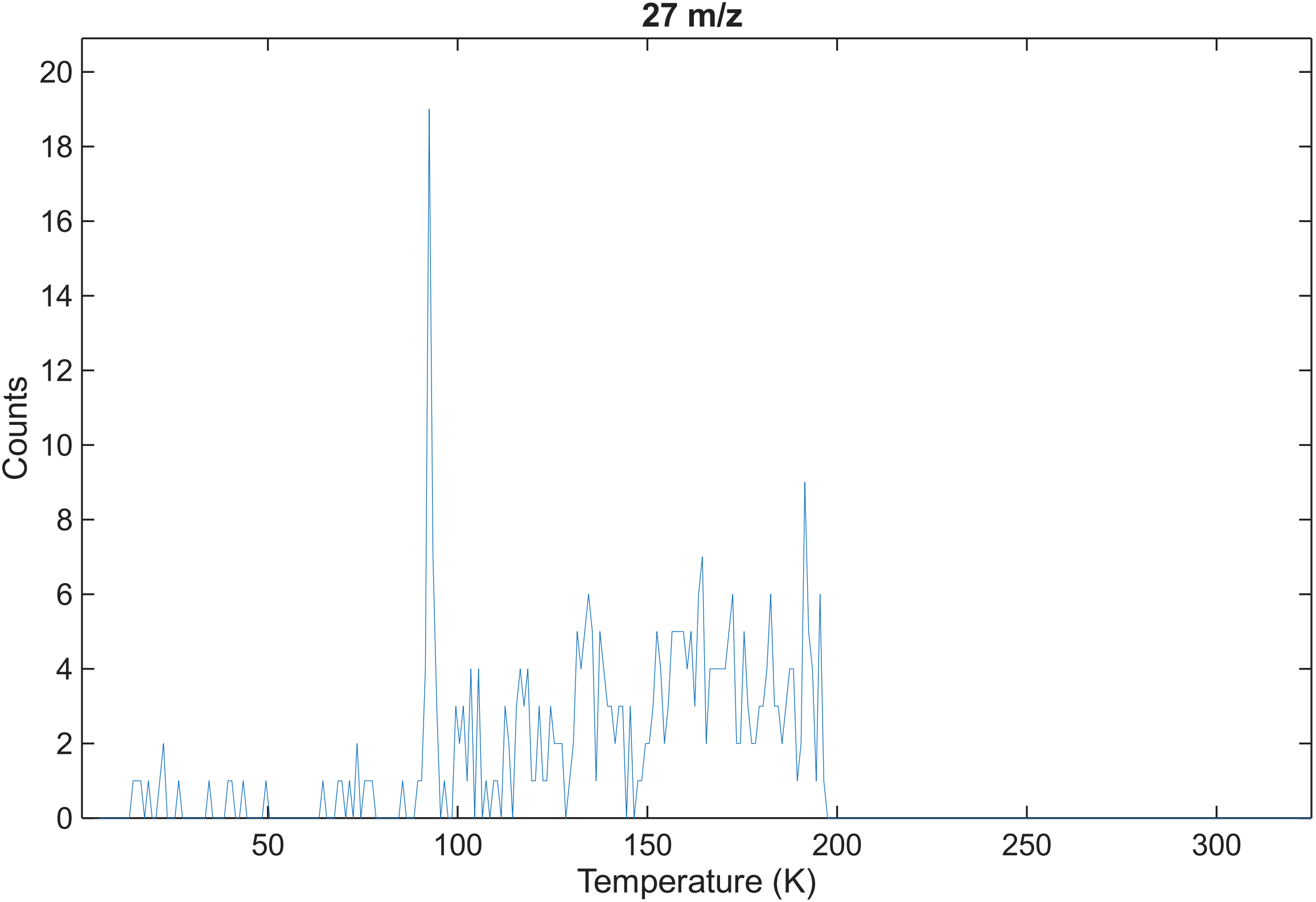

22 m/z
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

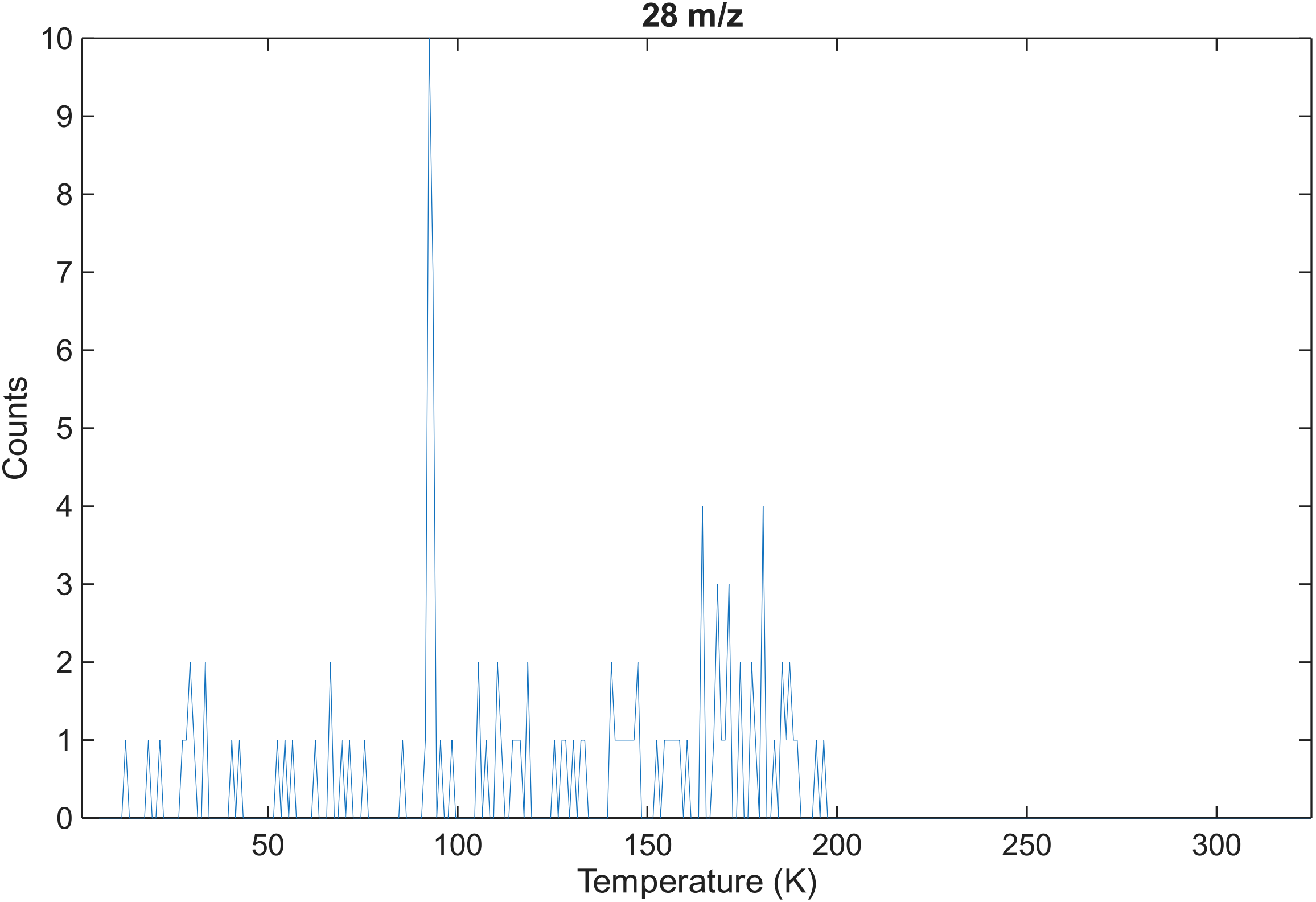

23 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

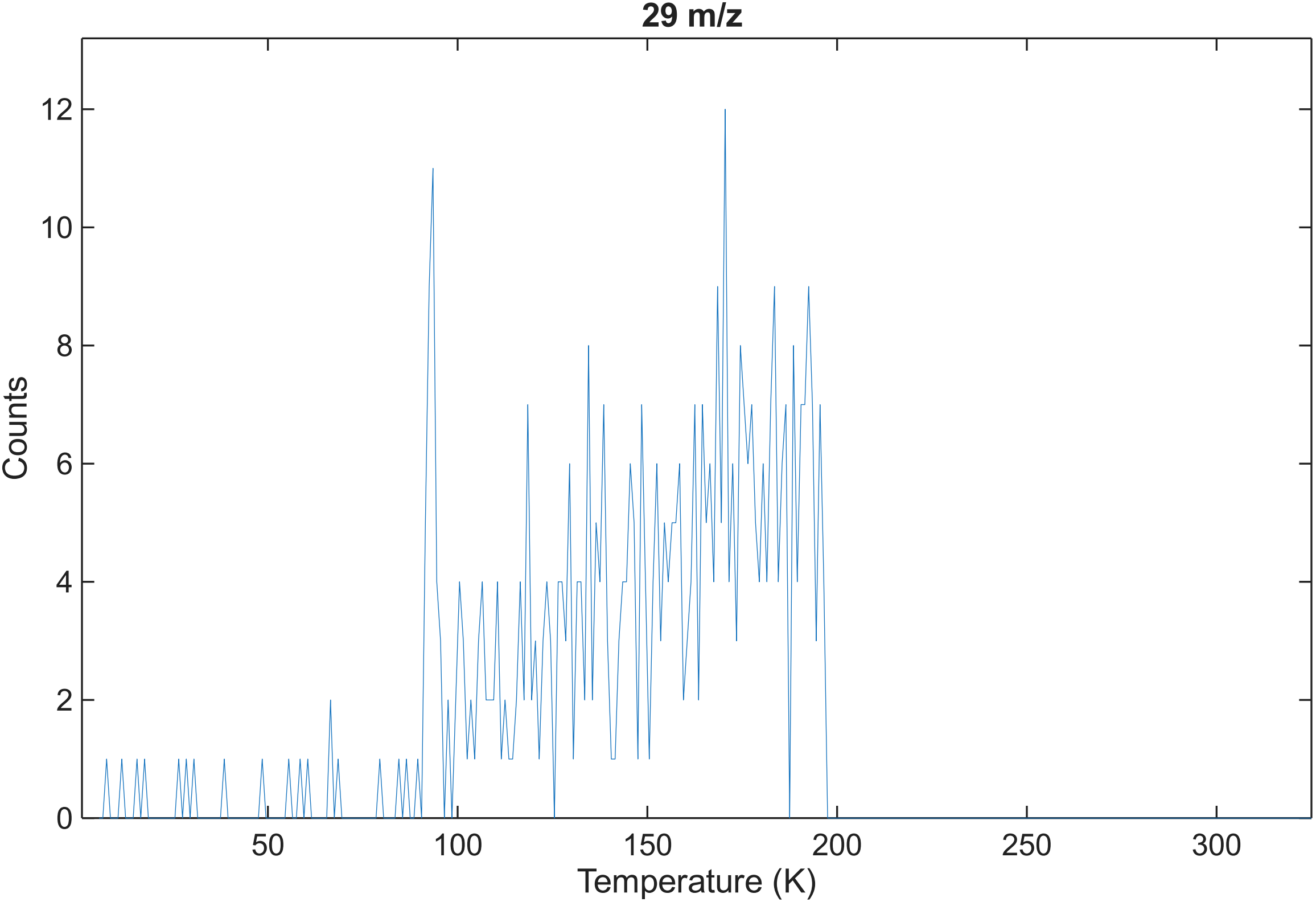

24 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

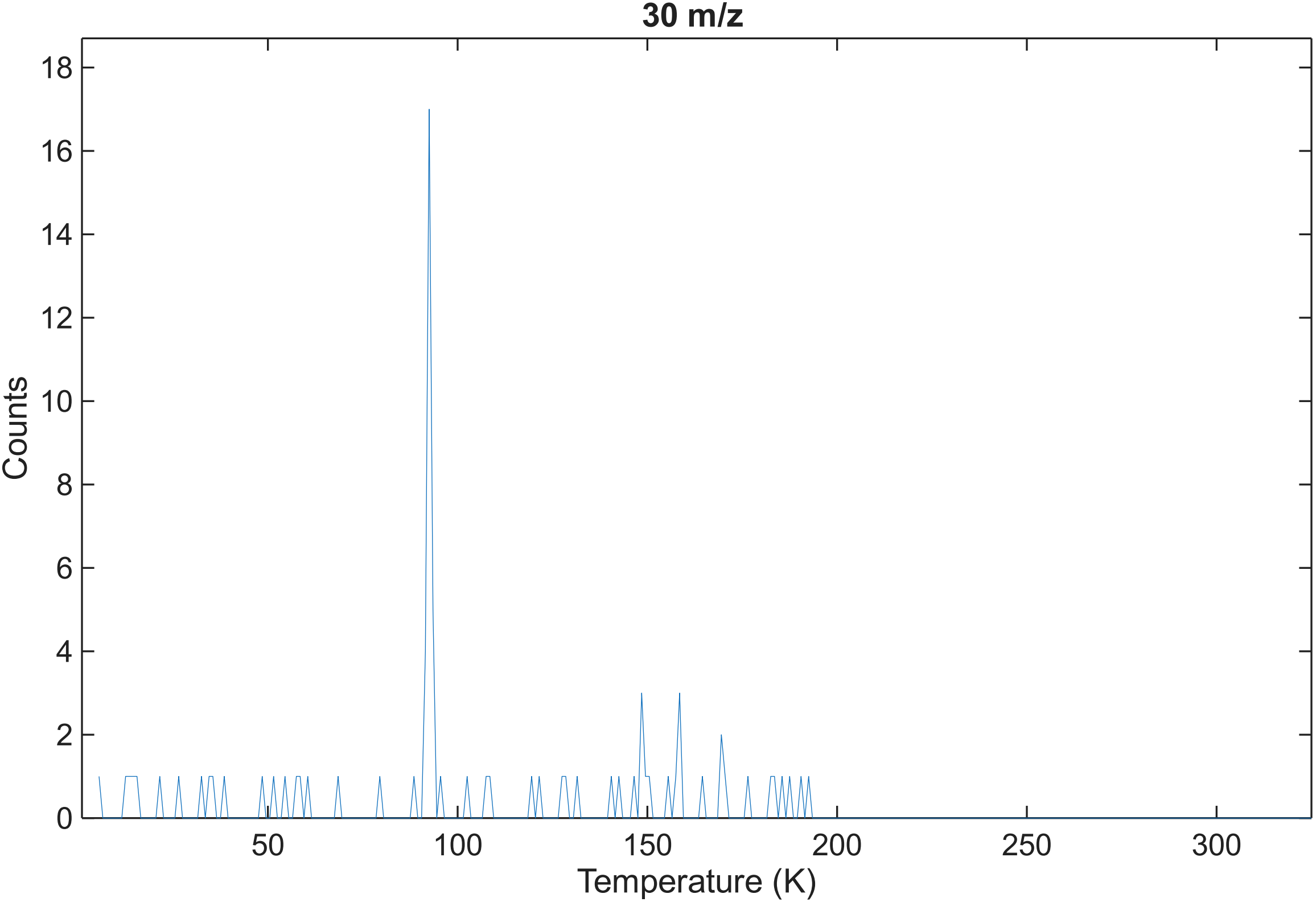

25 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

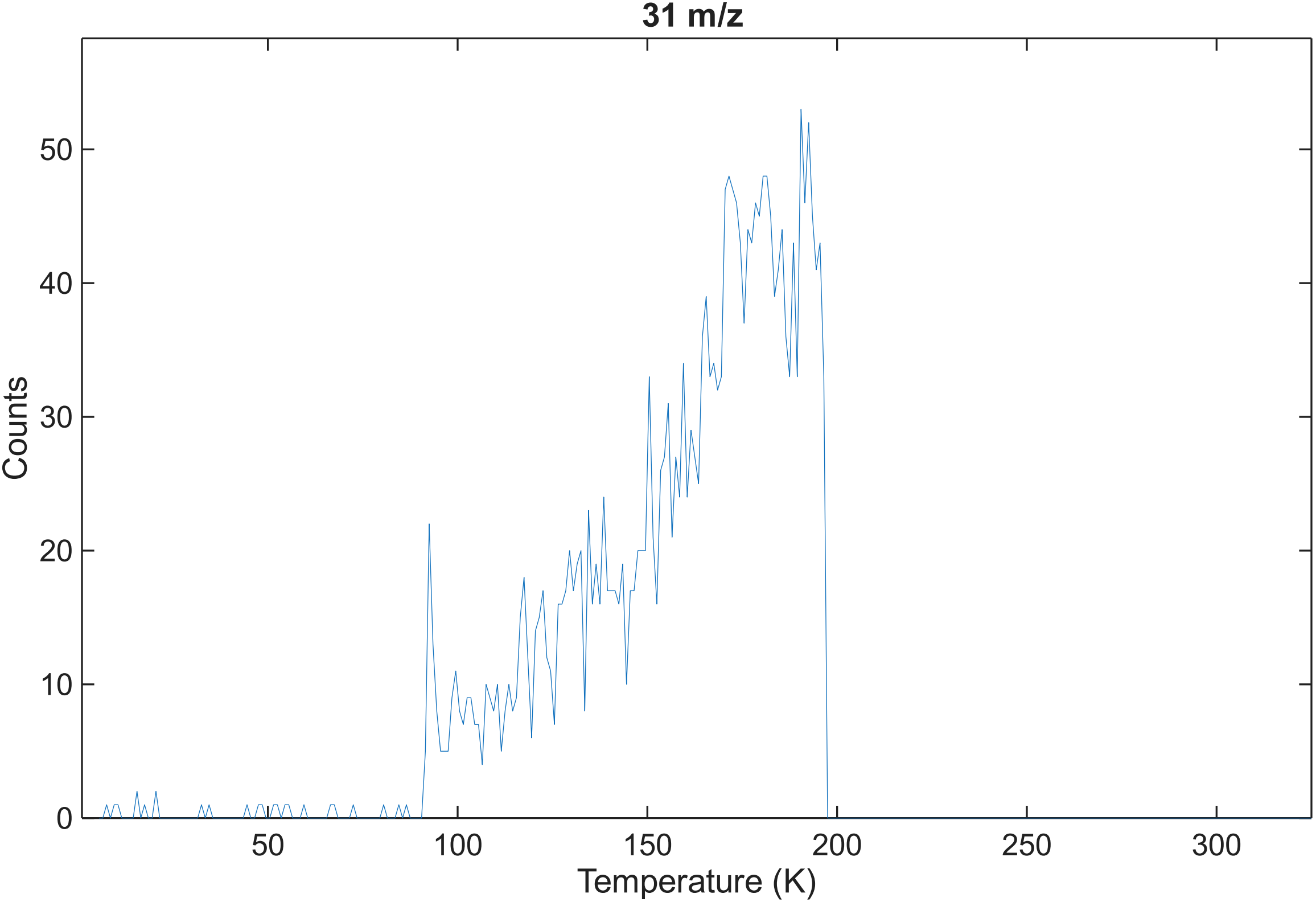

26 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

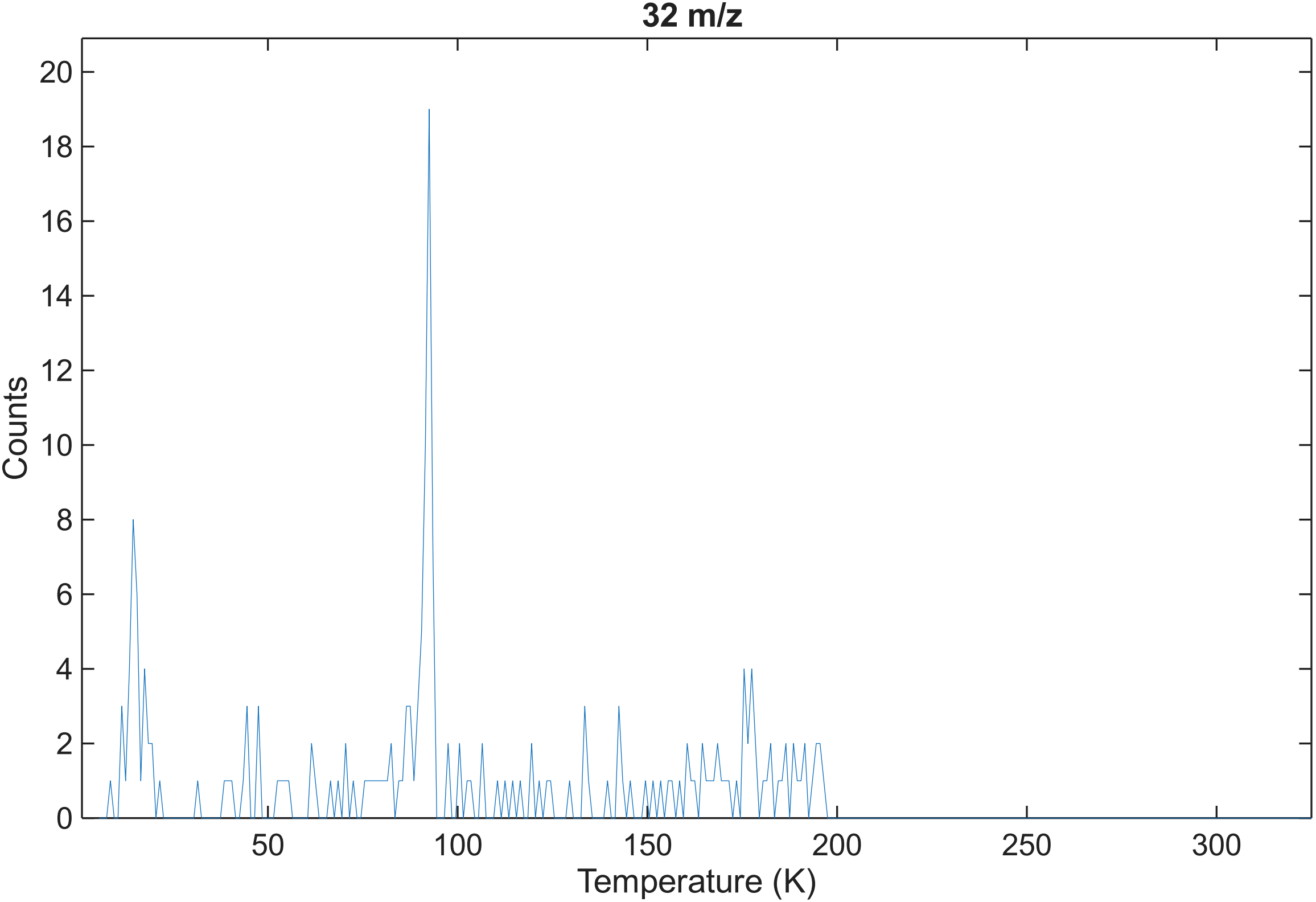

27 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

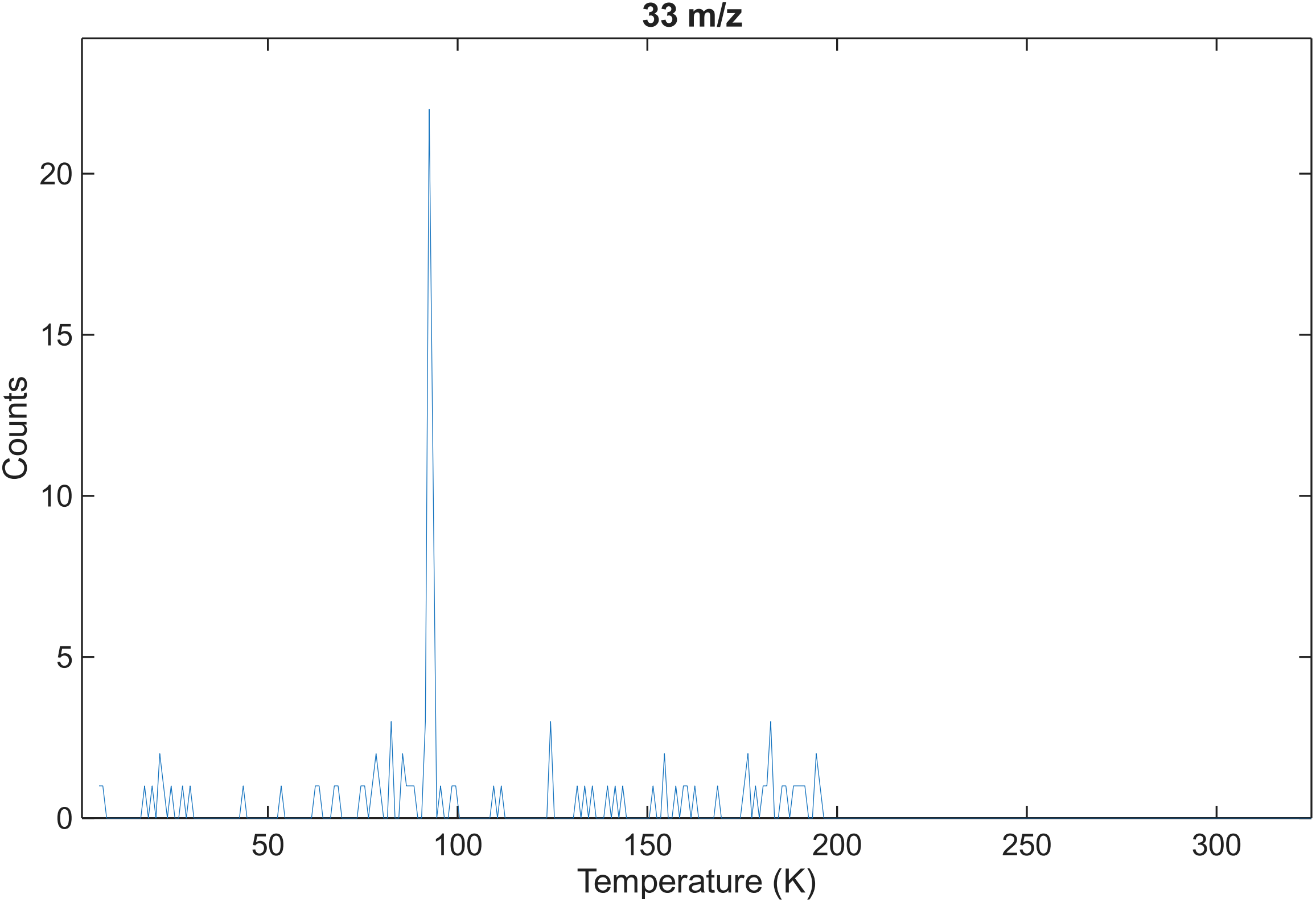

28 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

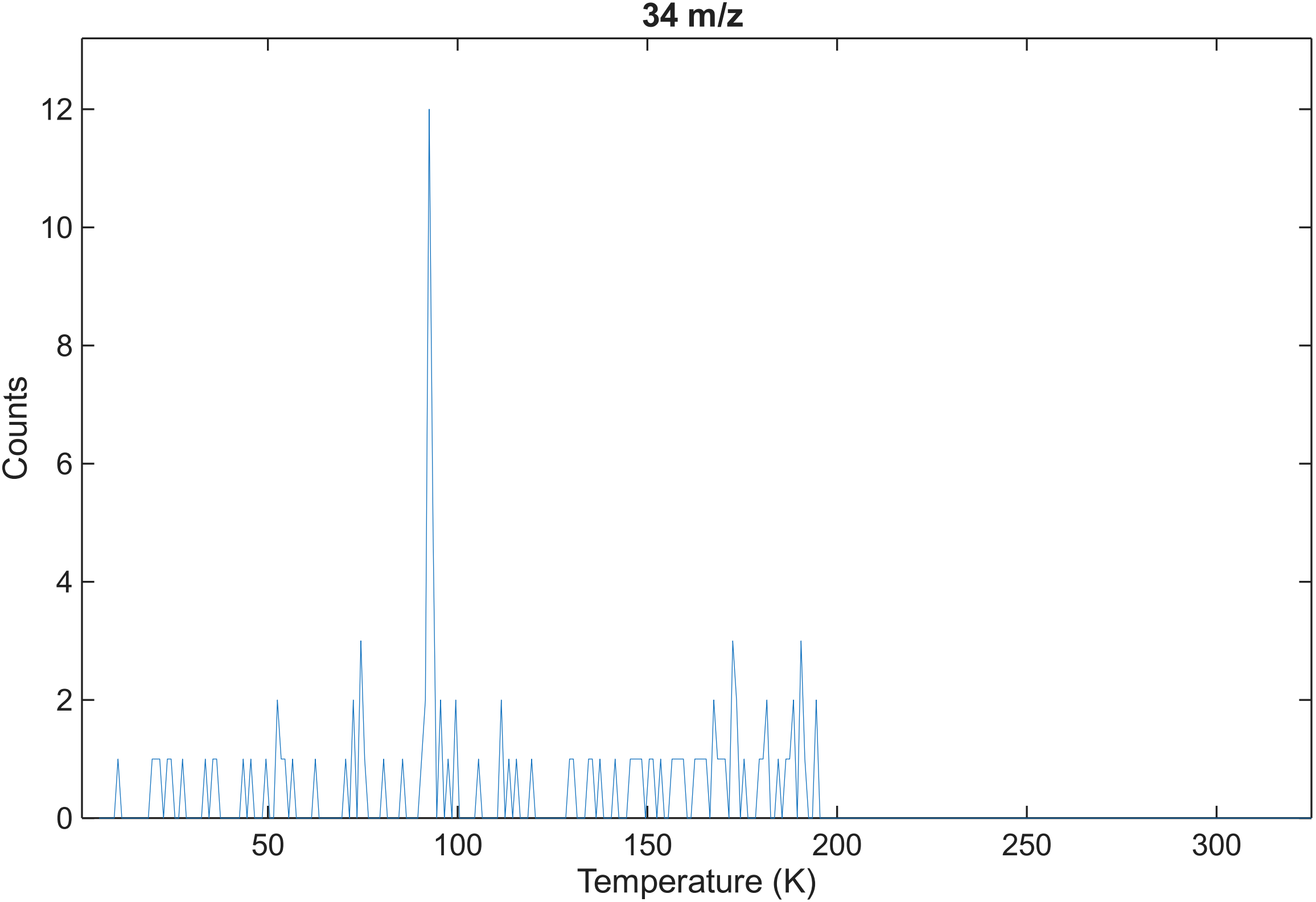

29 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

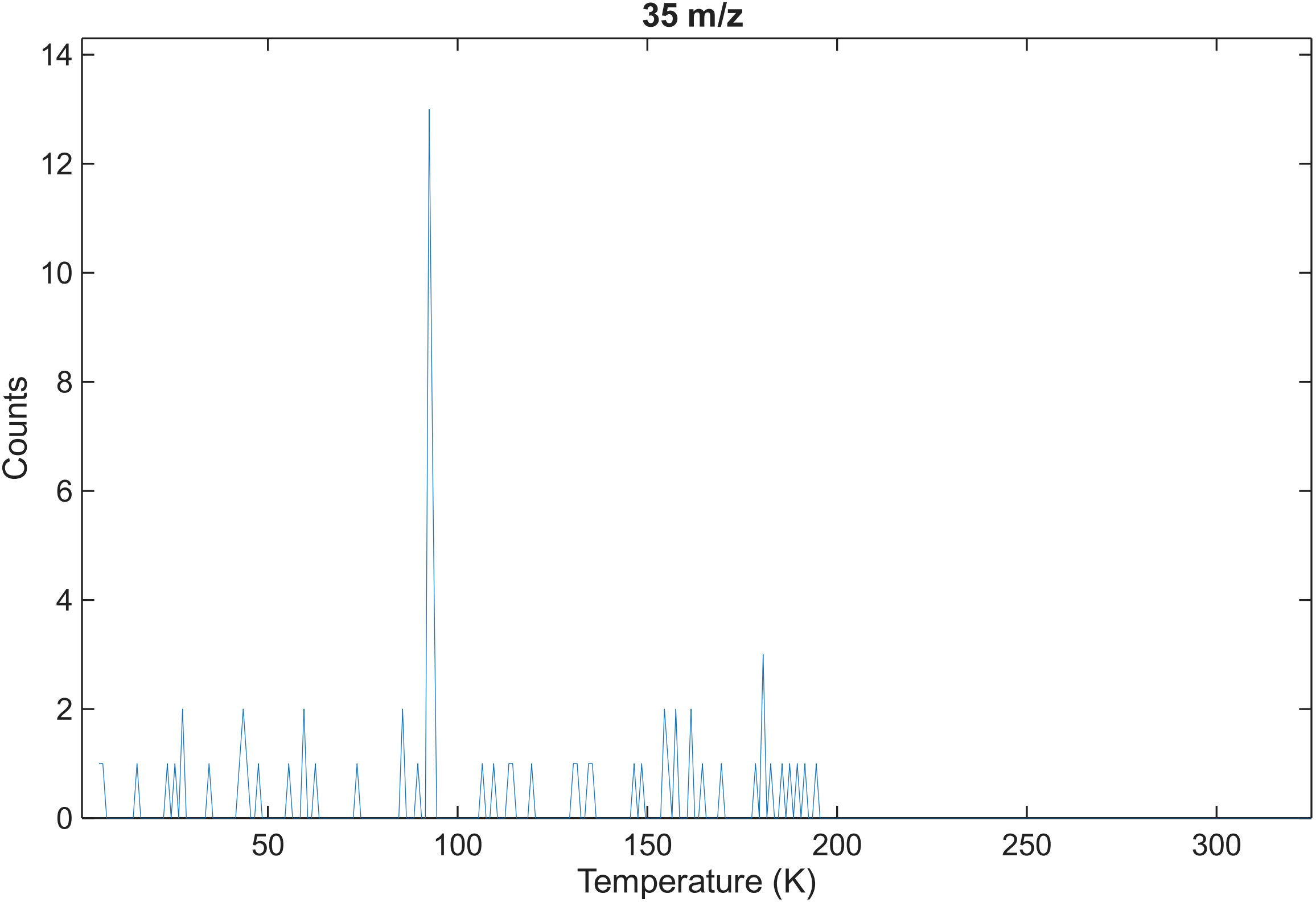

30 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

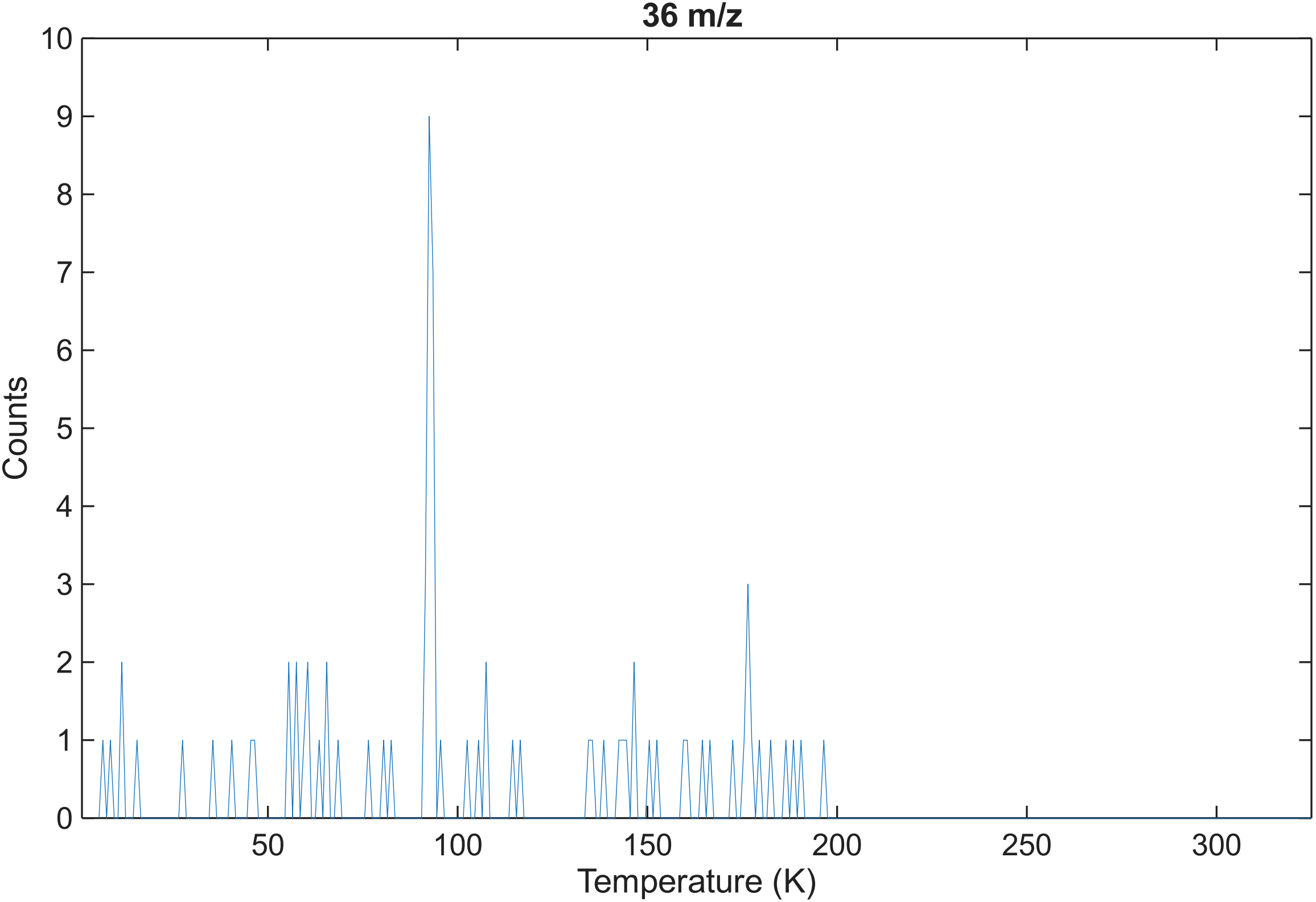

31 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

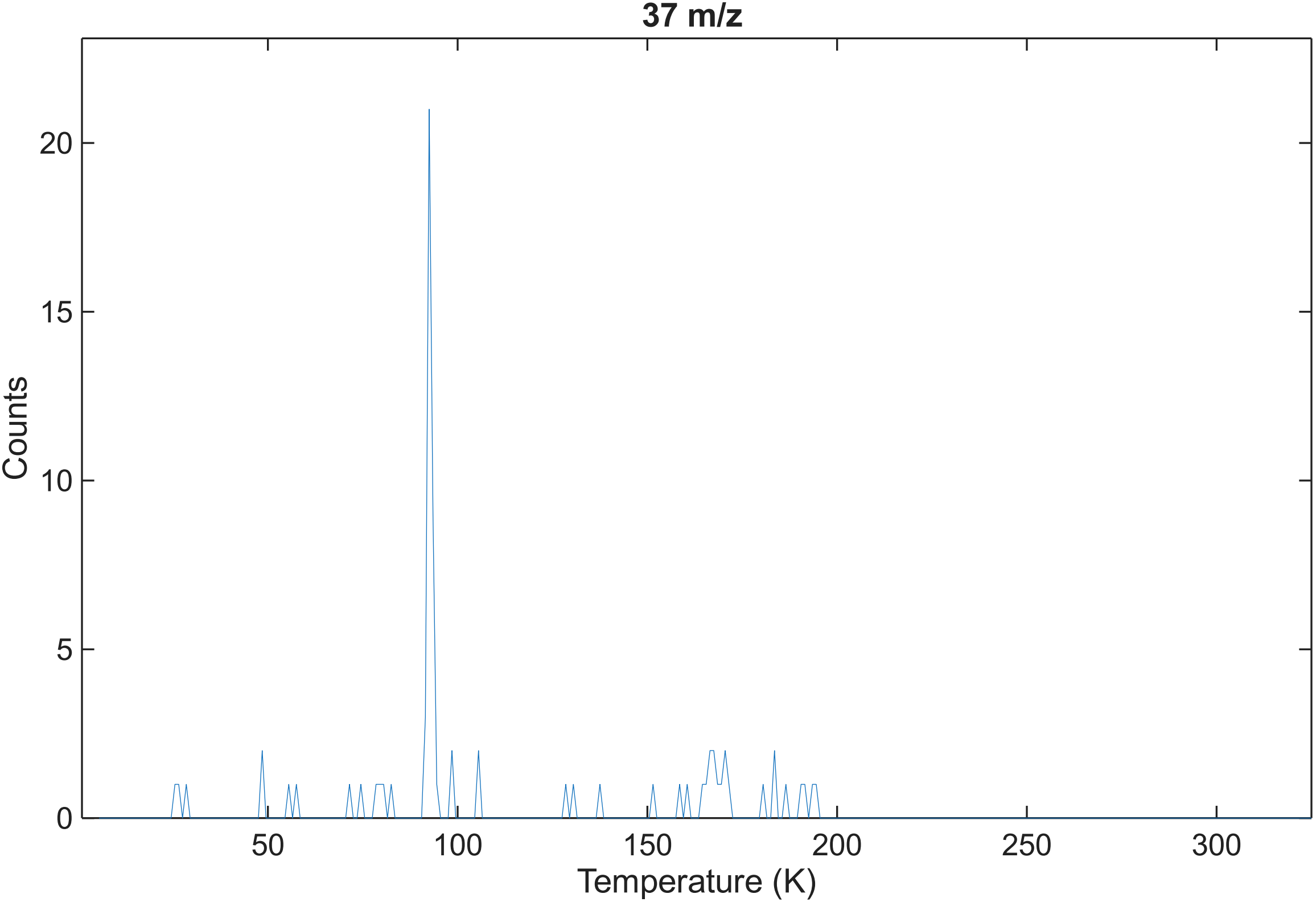

32 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

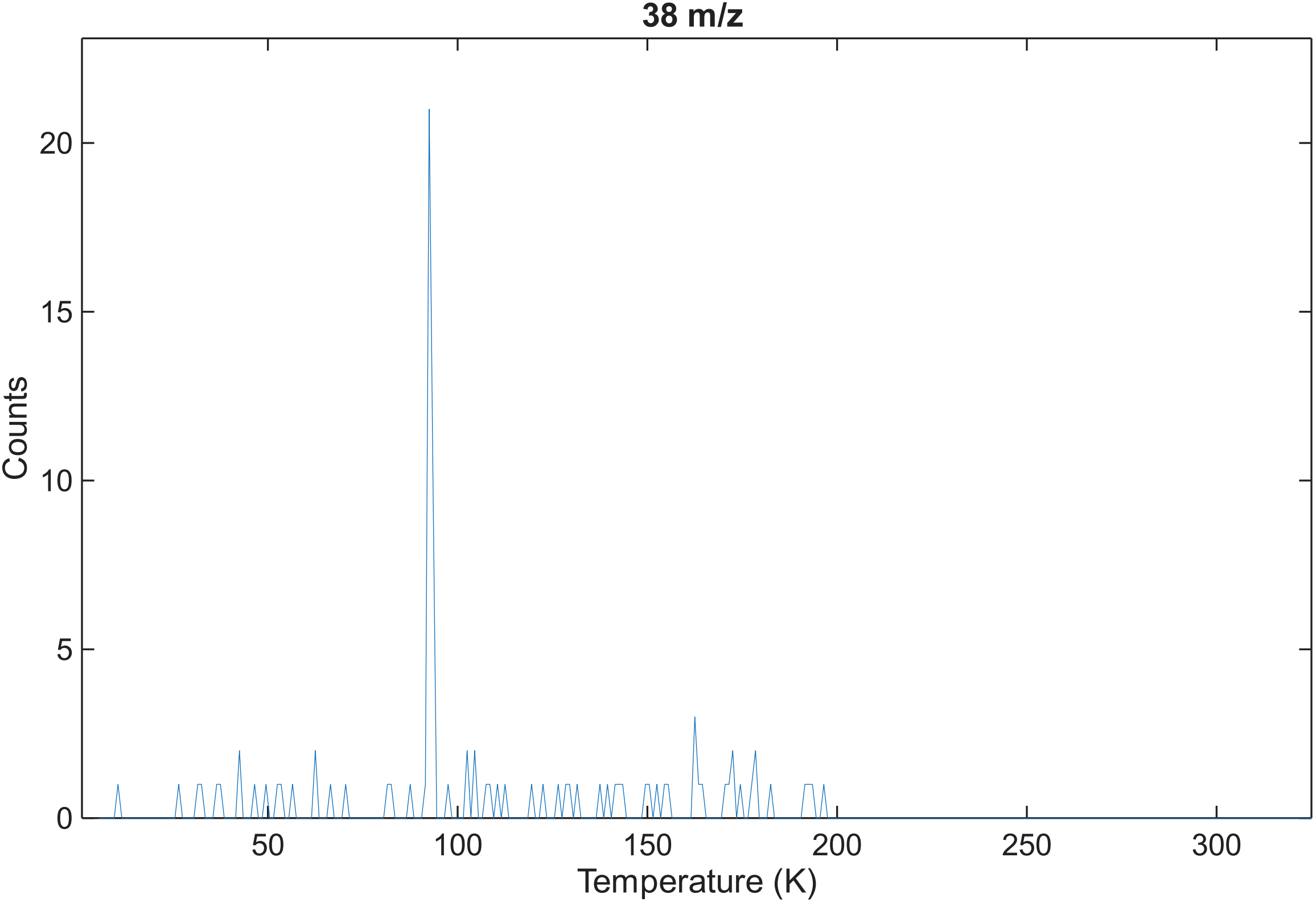

33 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

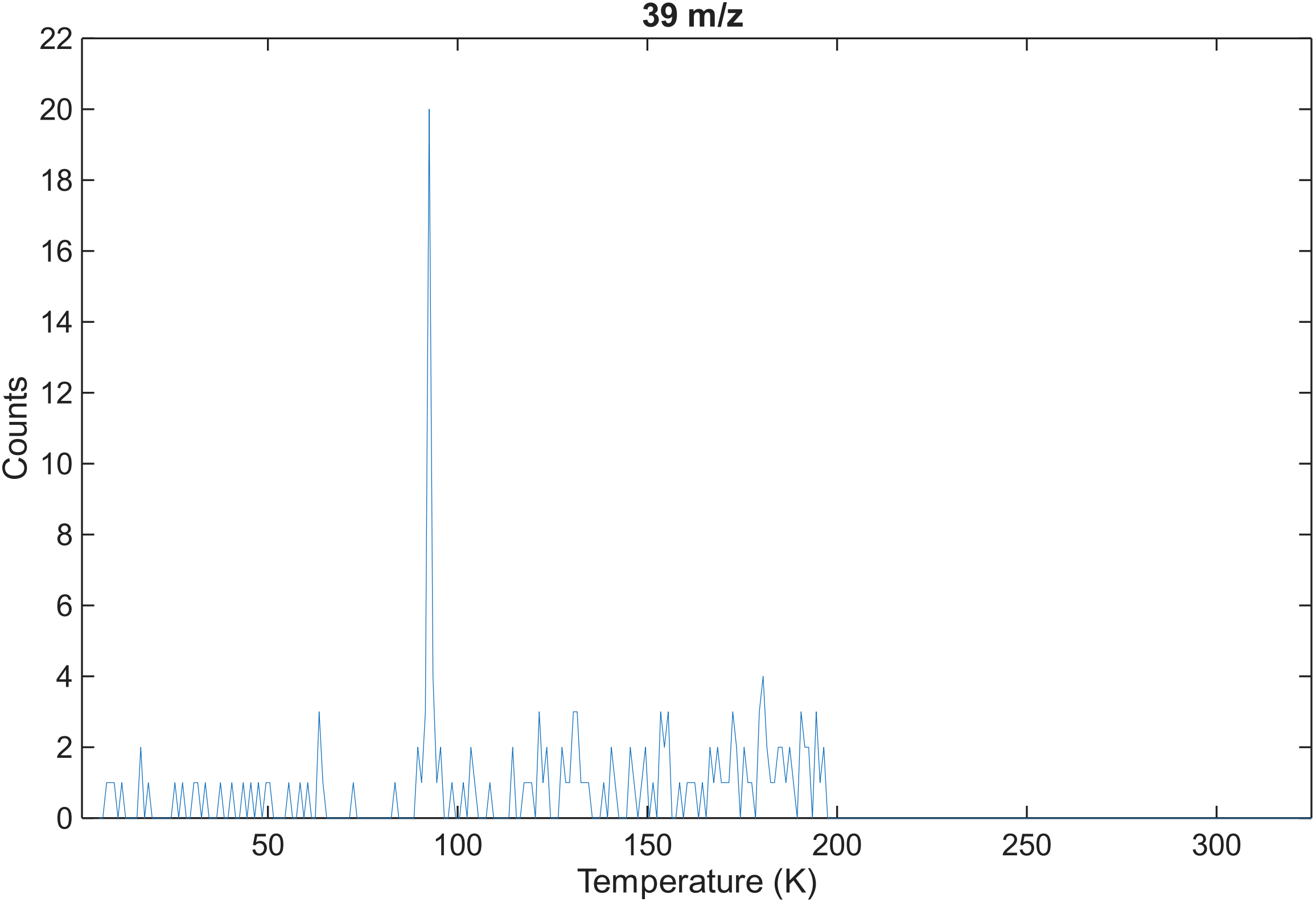

34 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

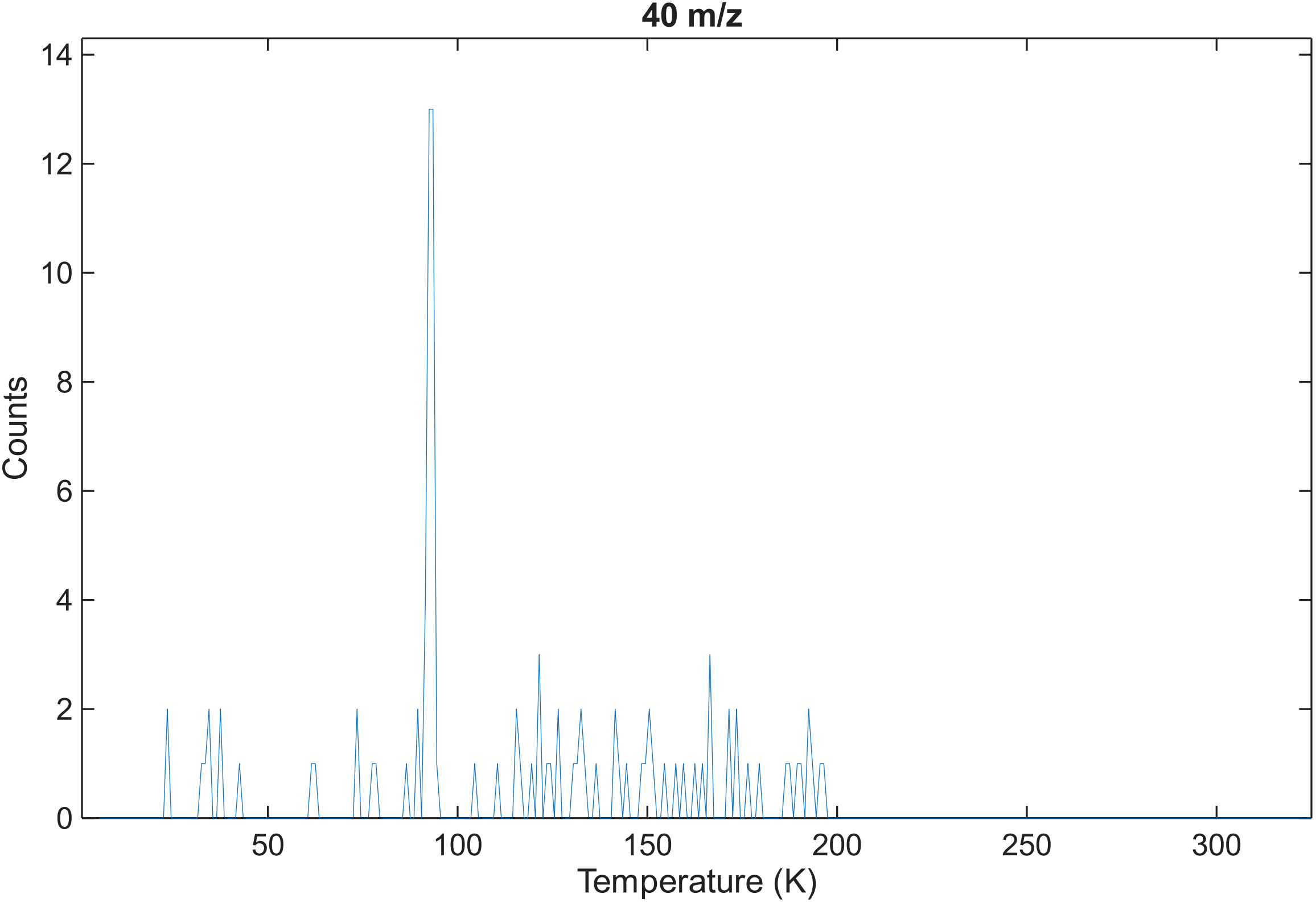

35 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

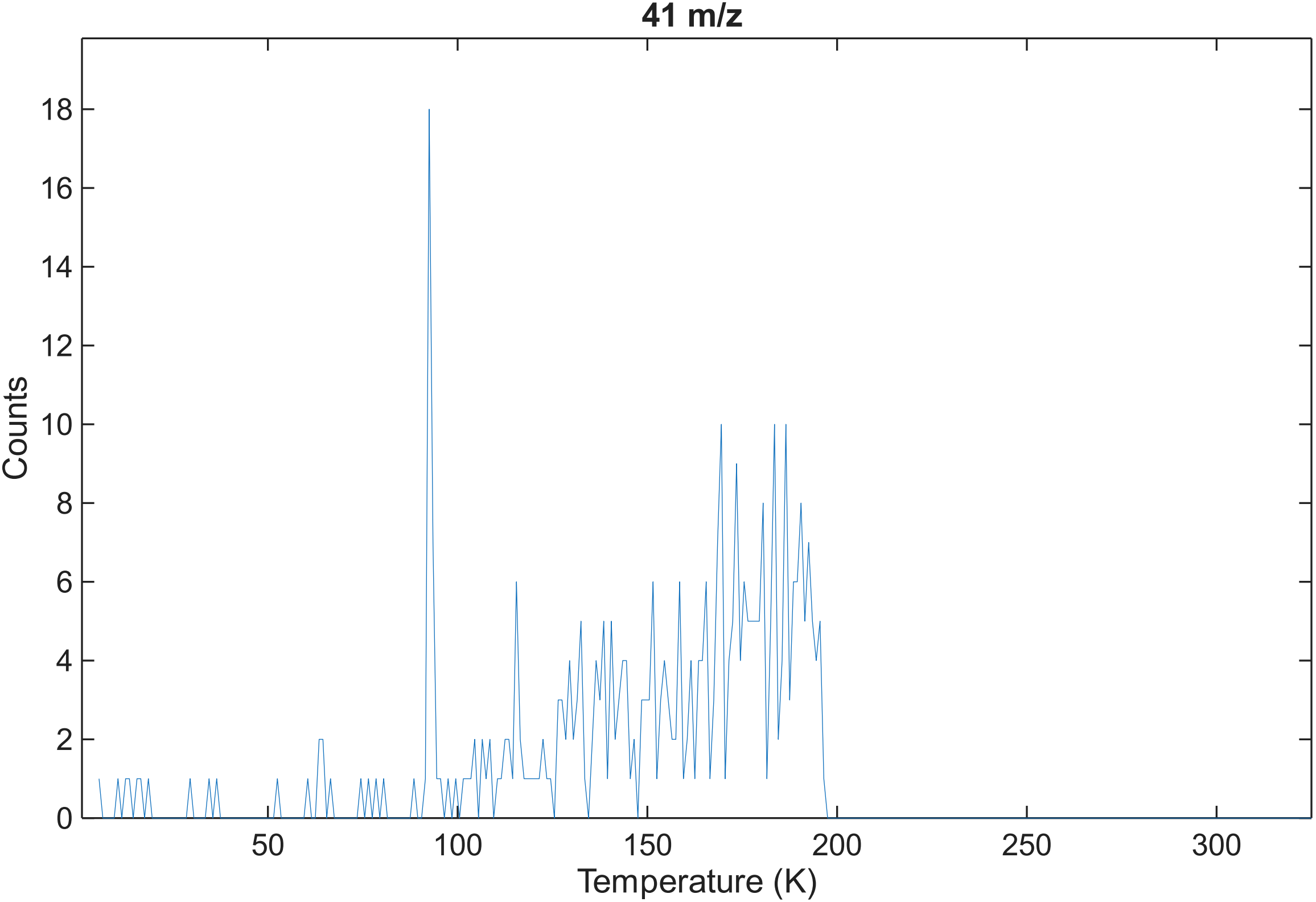

36 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

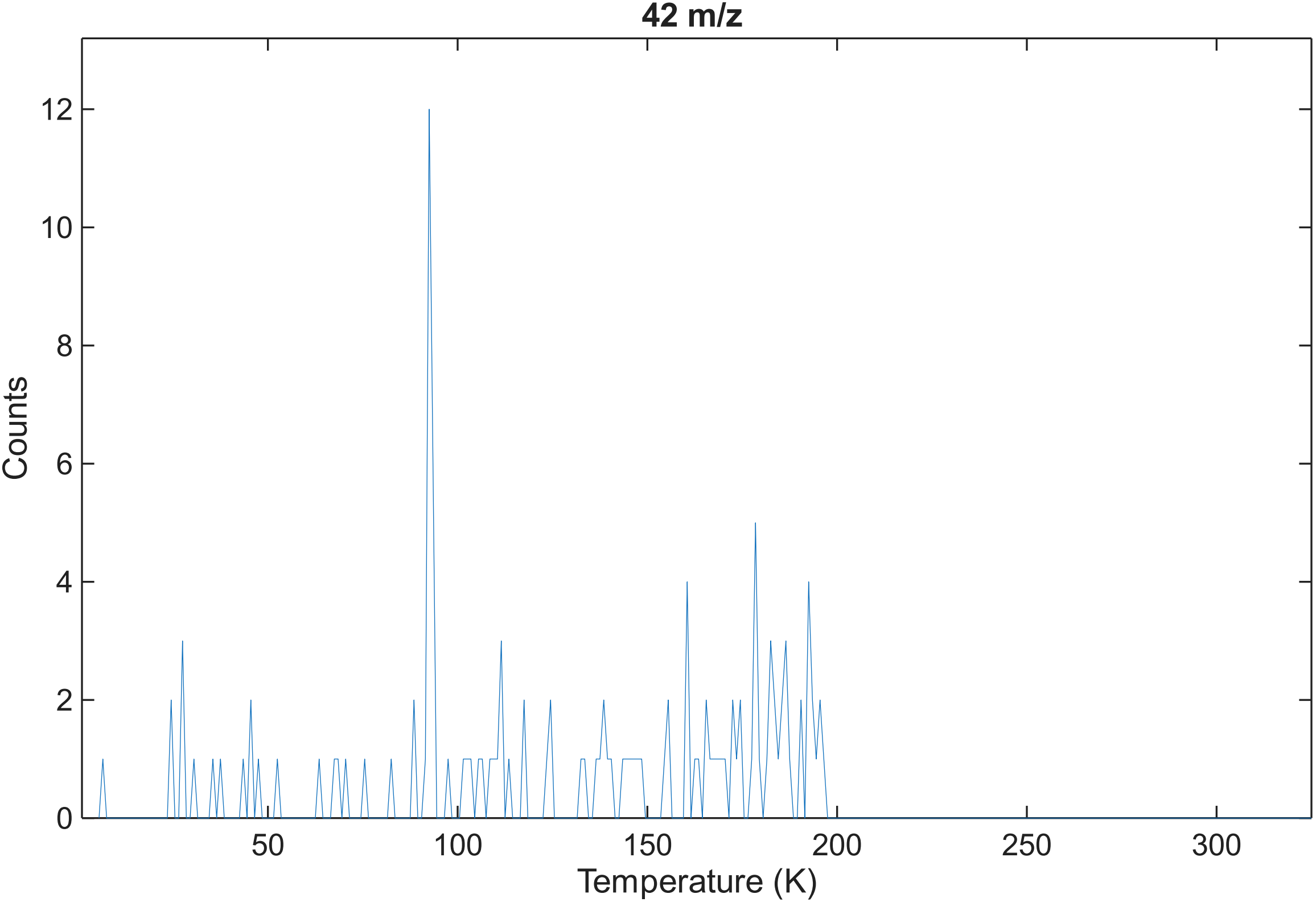

37 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

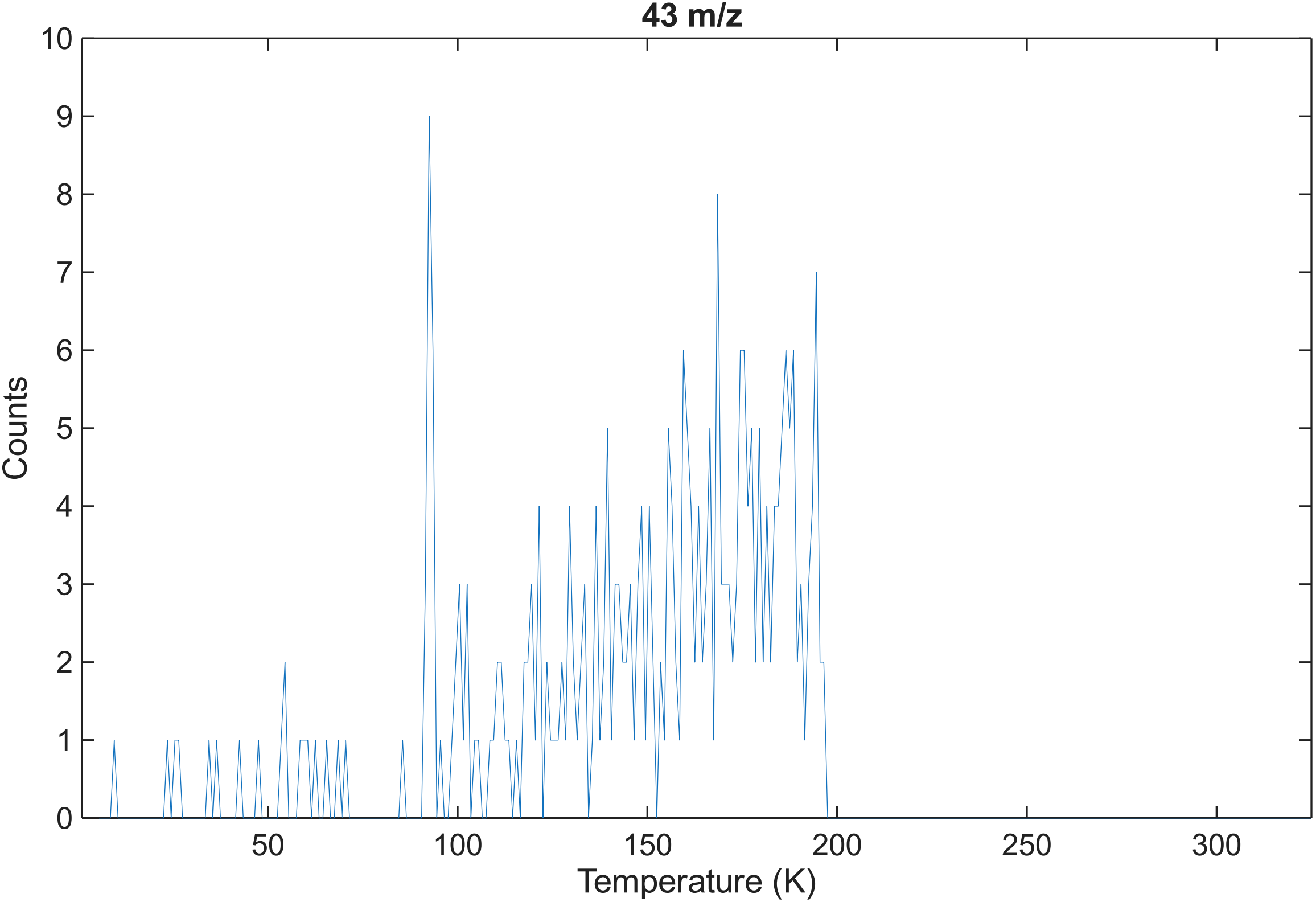

38 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

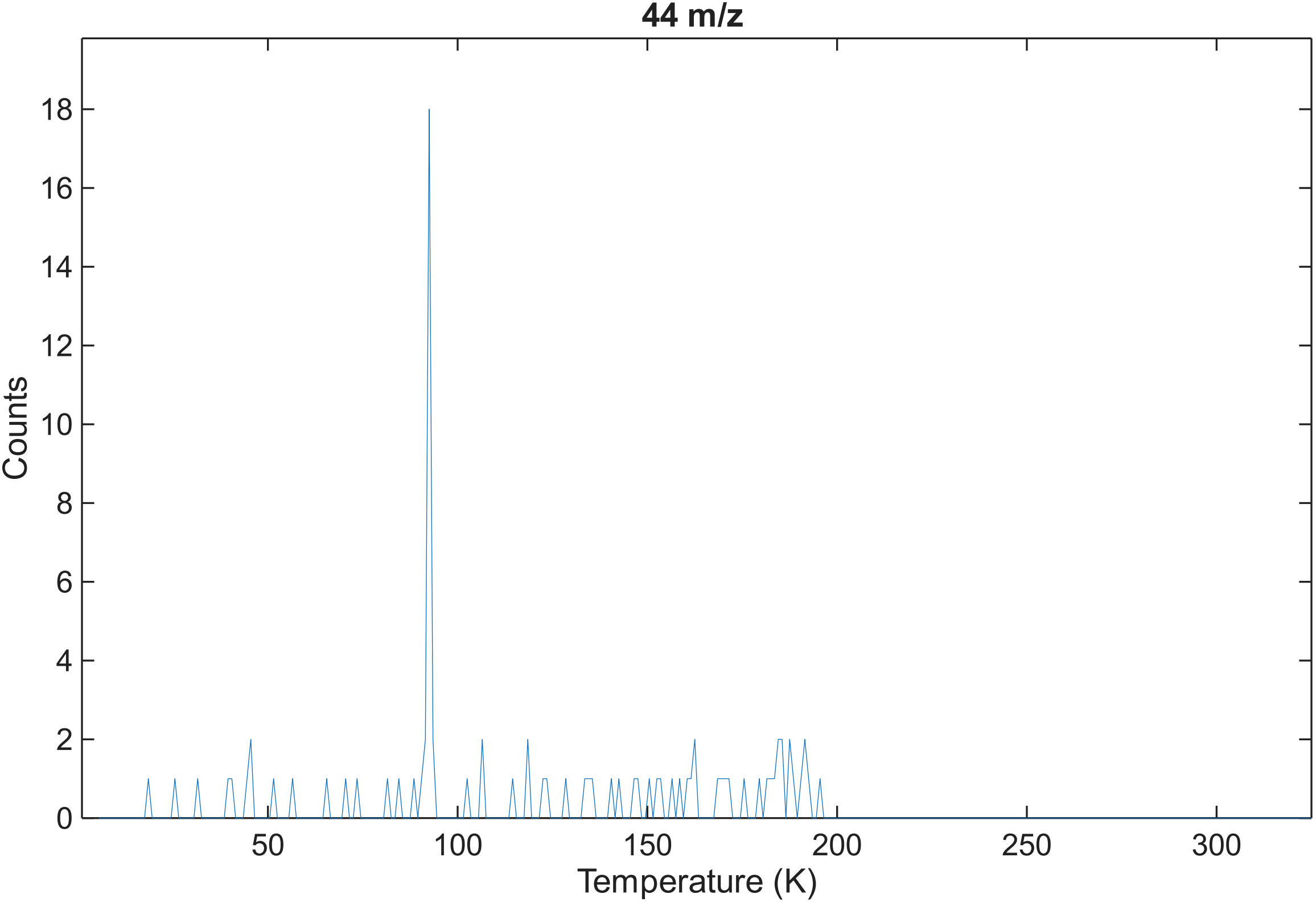

39 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300

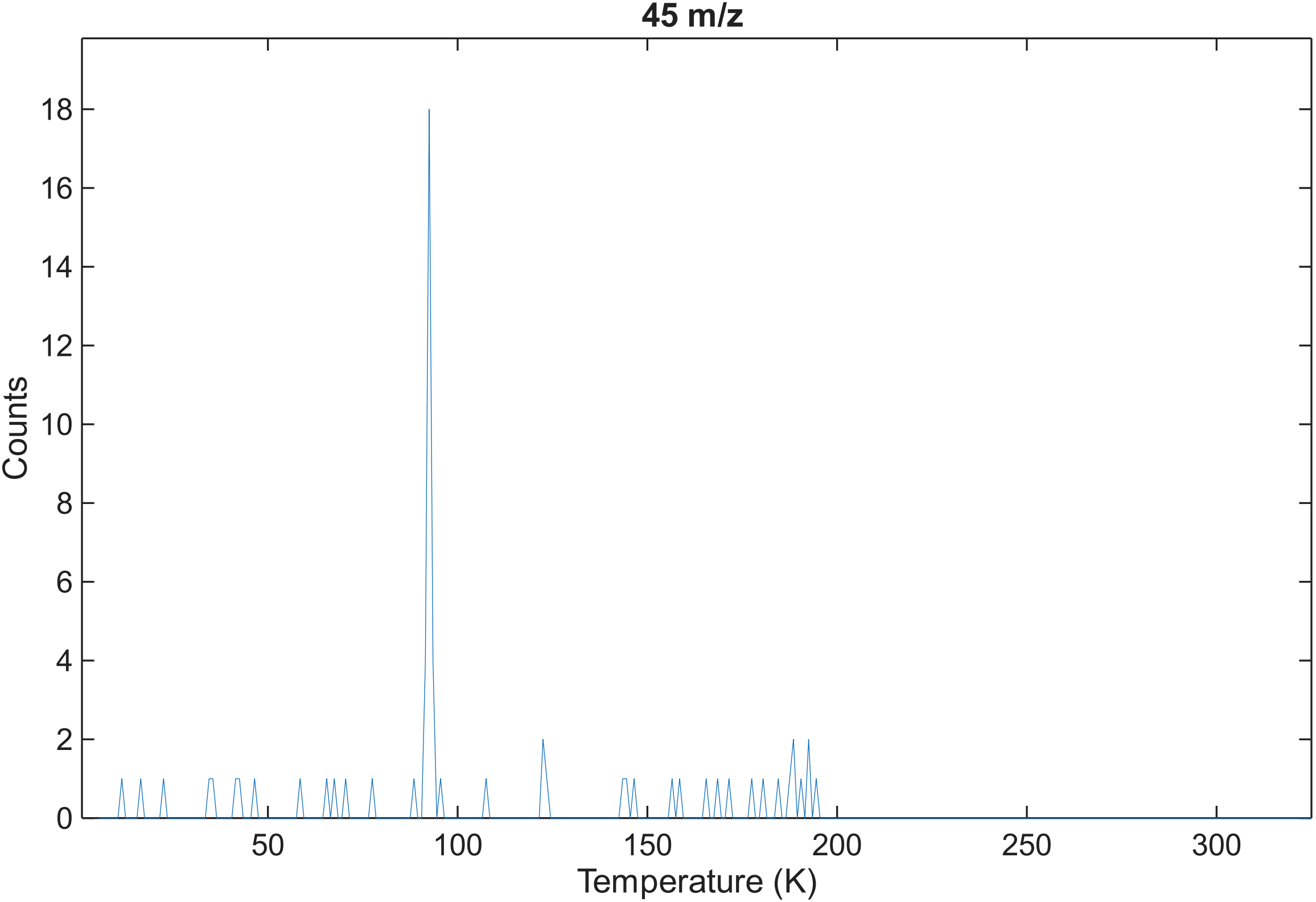

40 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

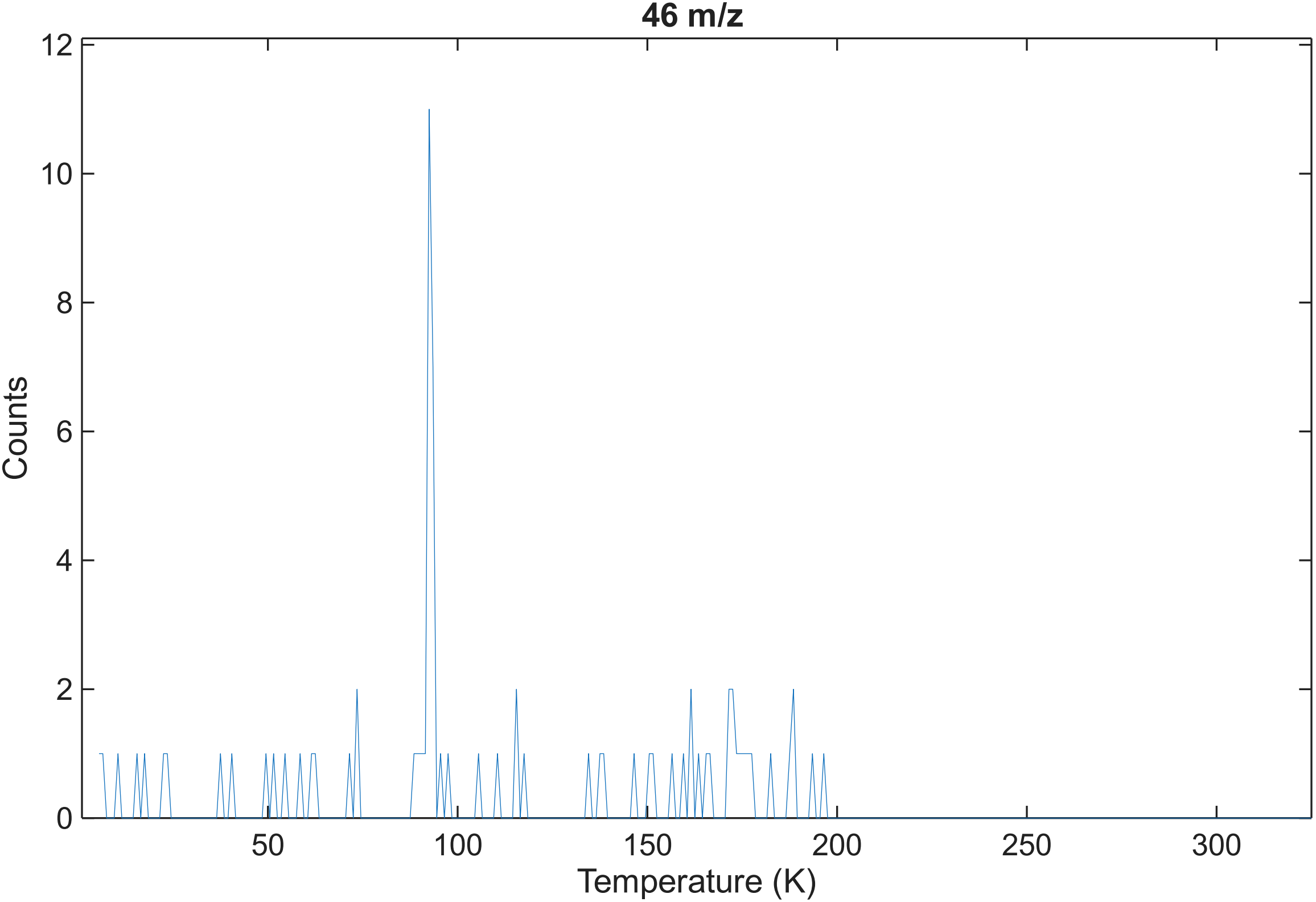

41 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

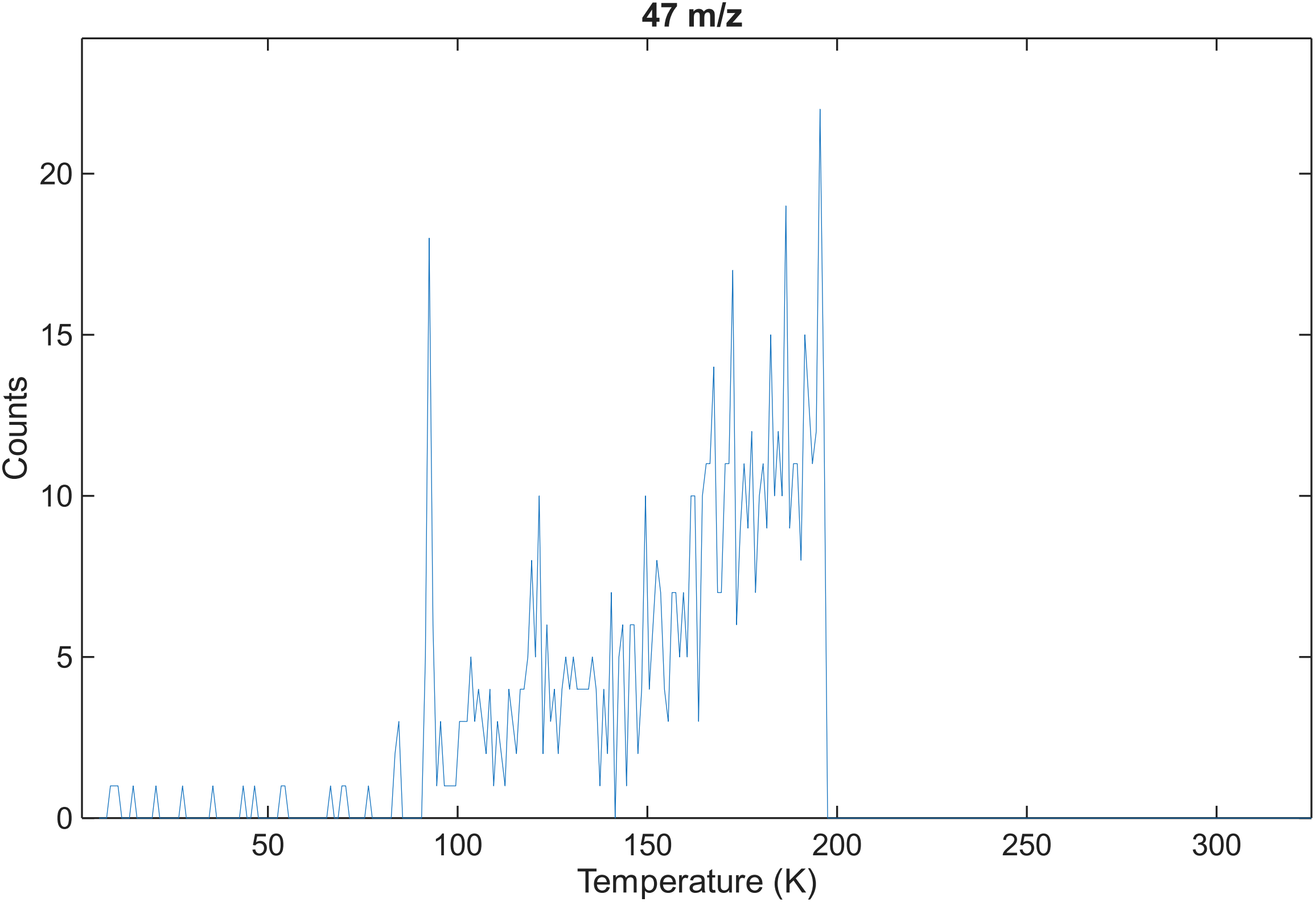

42 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

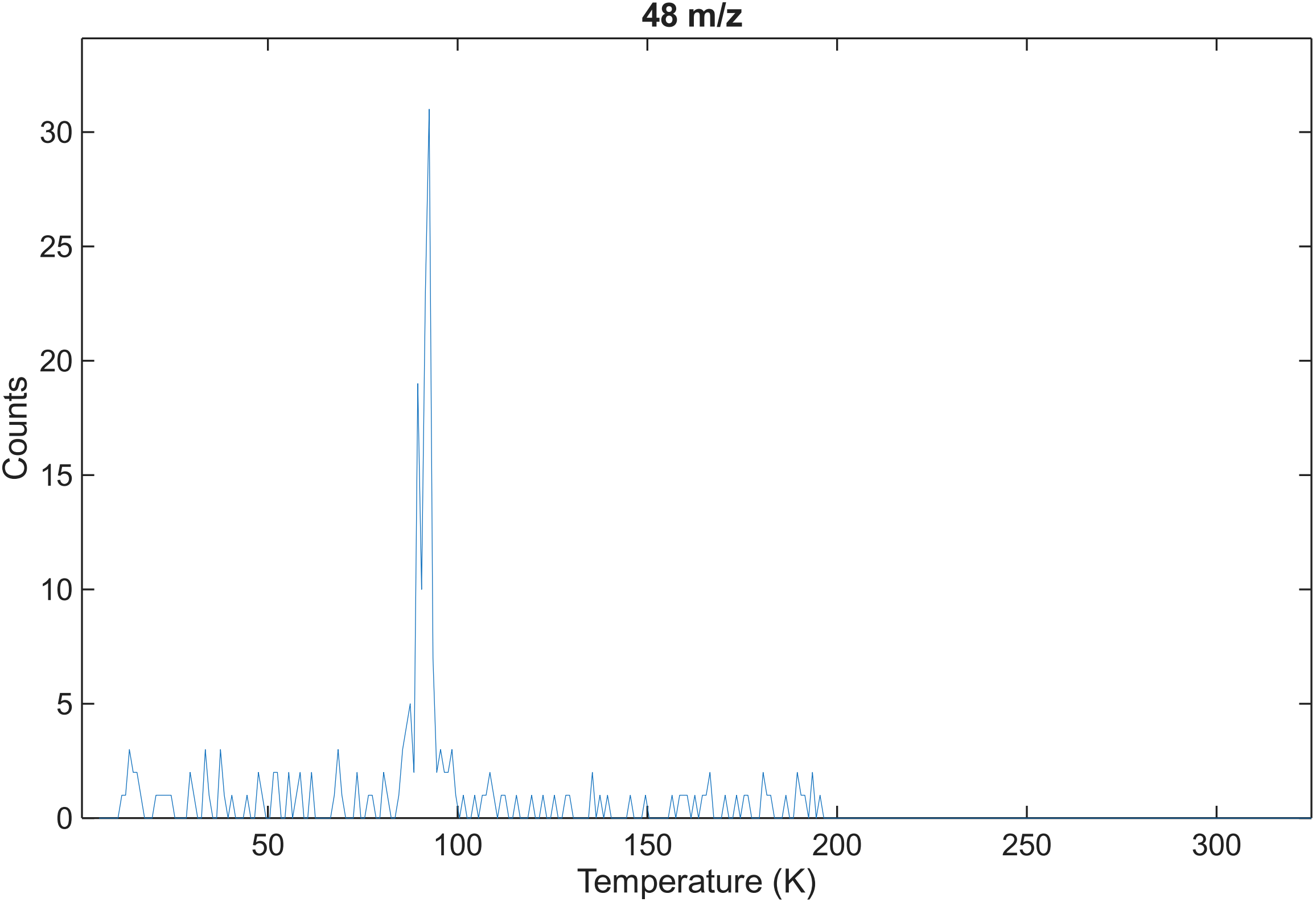

43 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

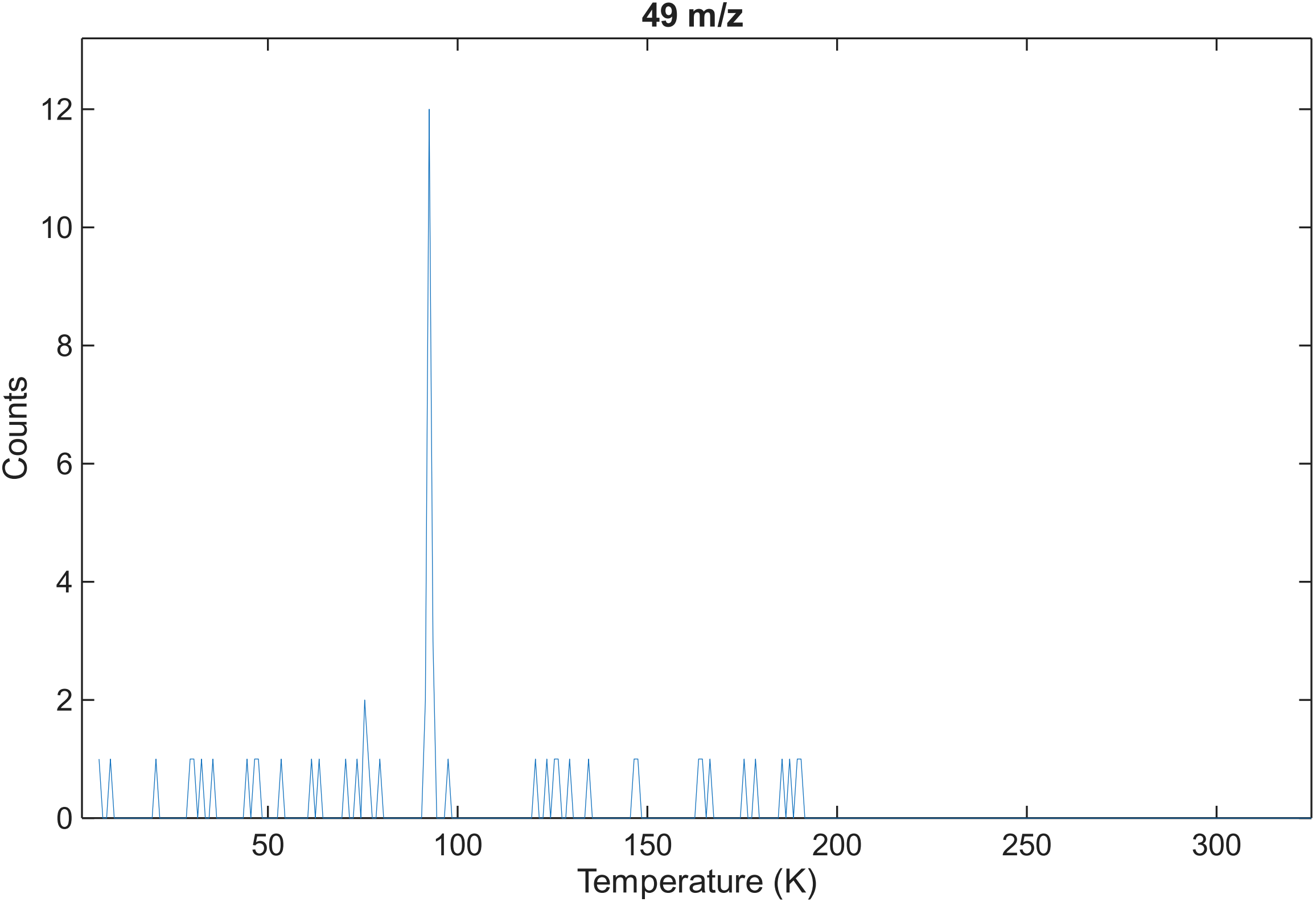

44 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

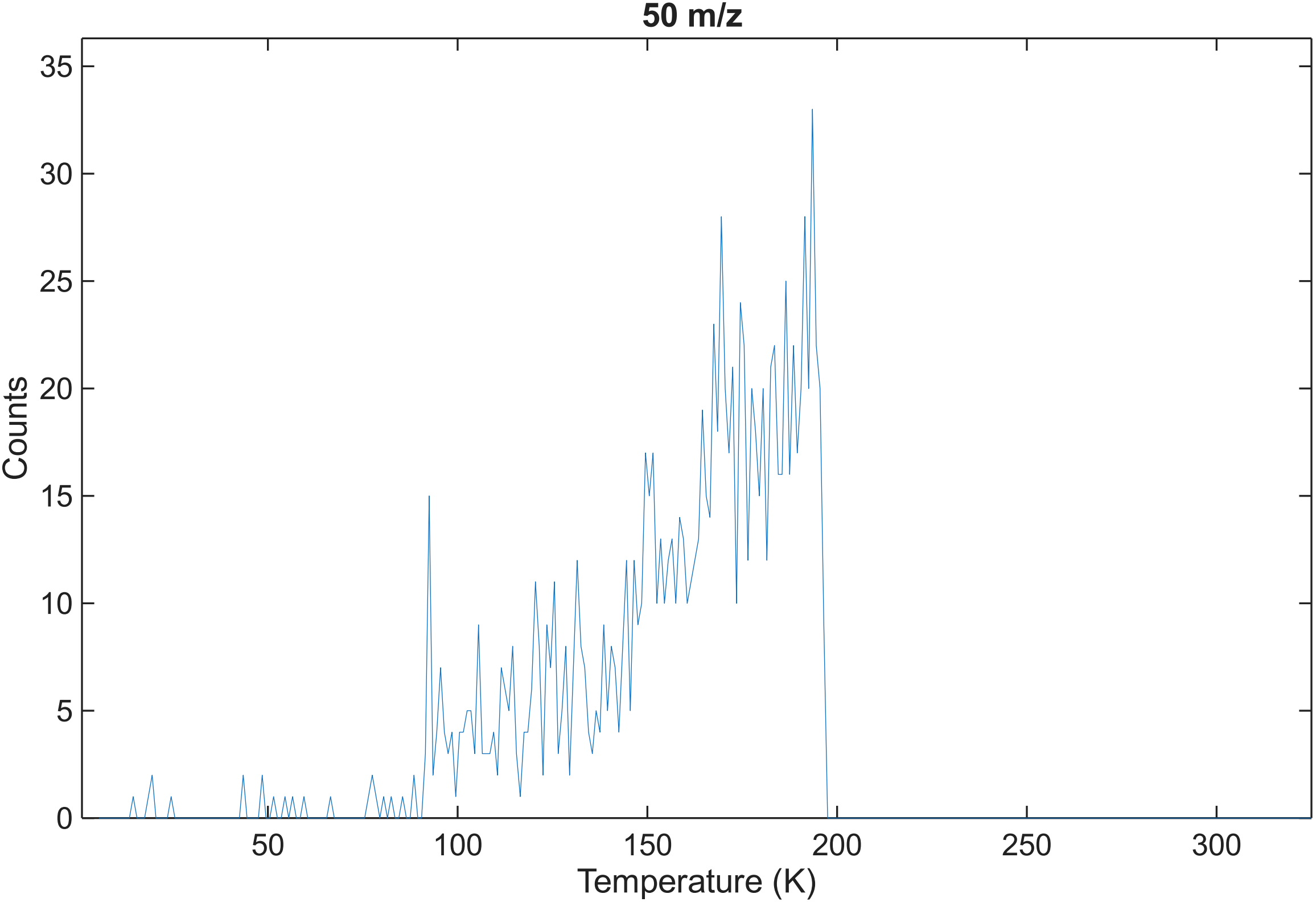

45 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

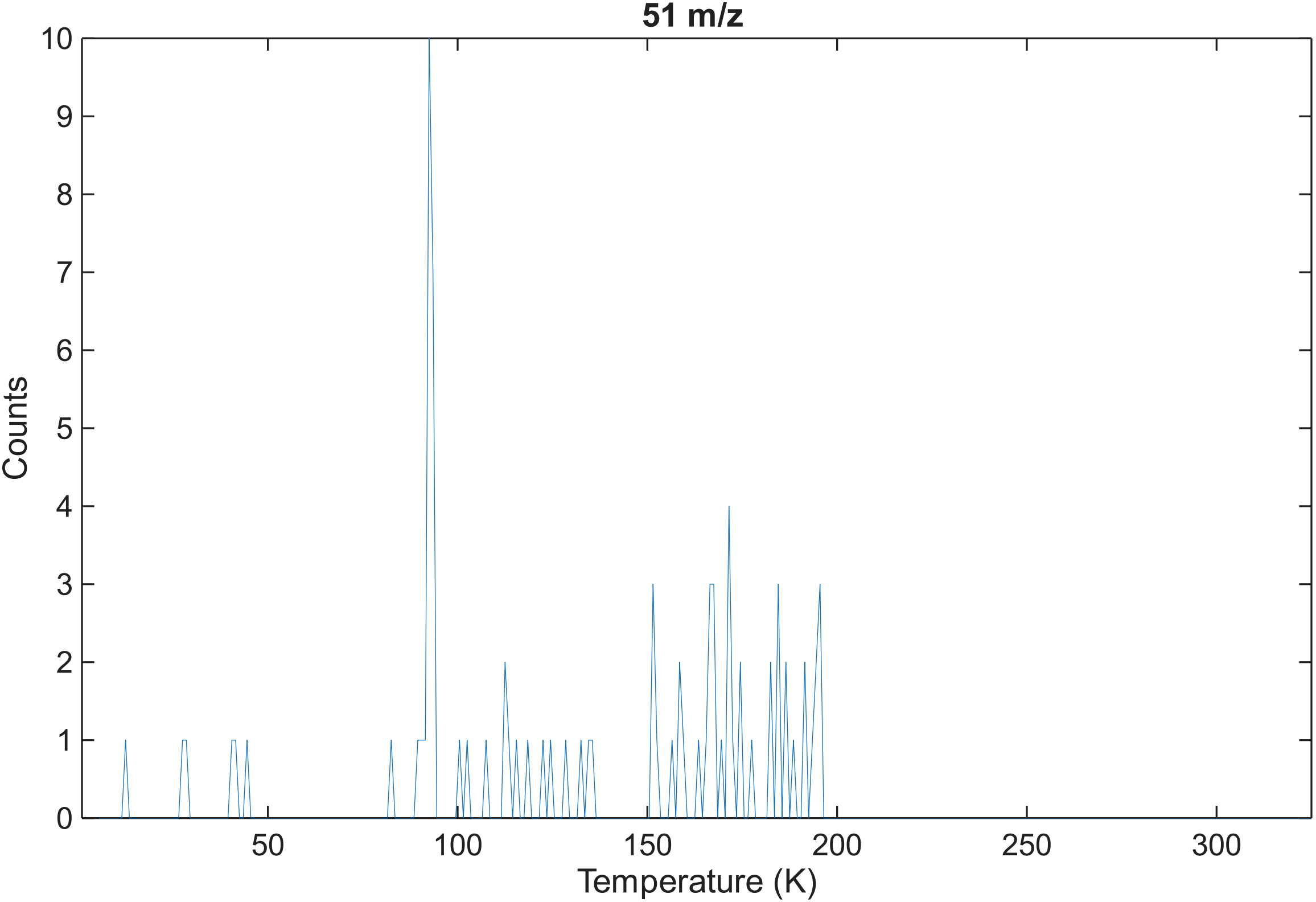

46 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

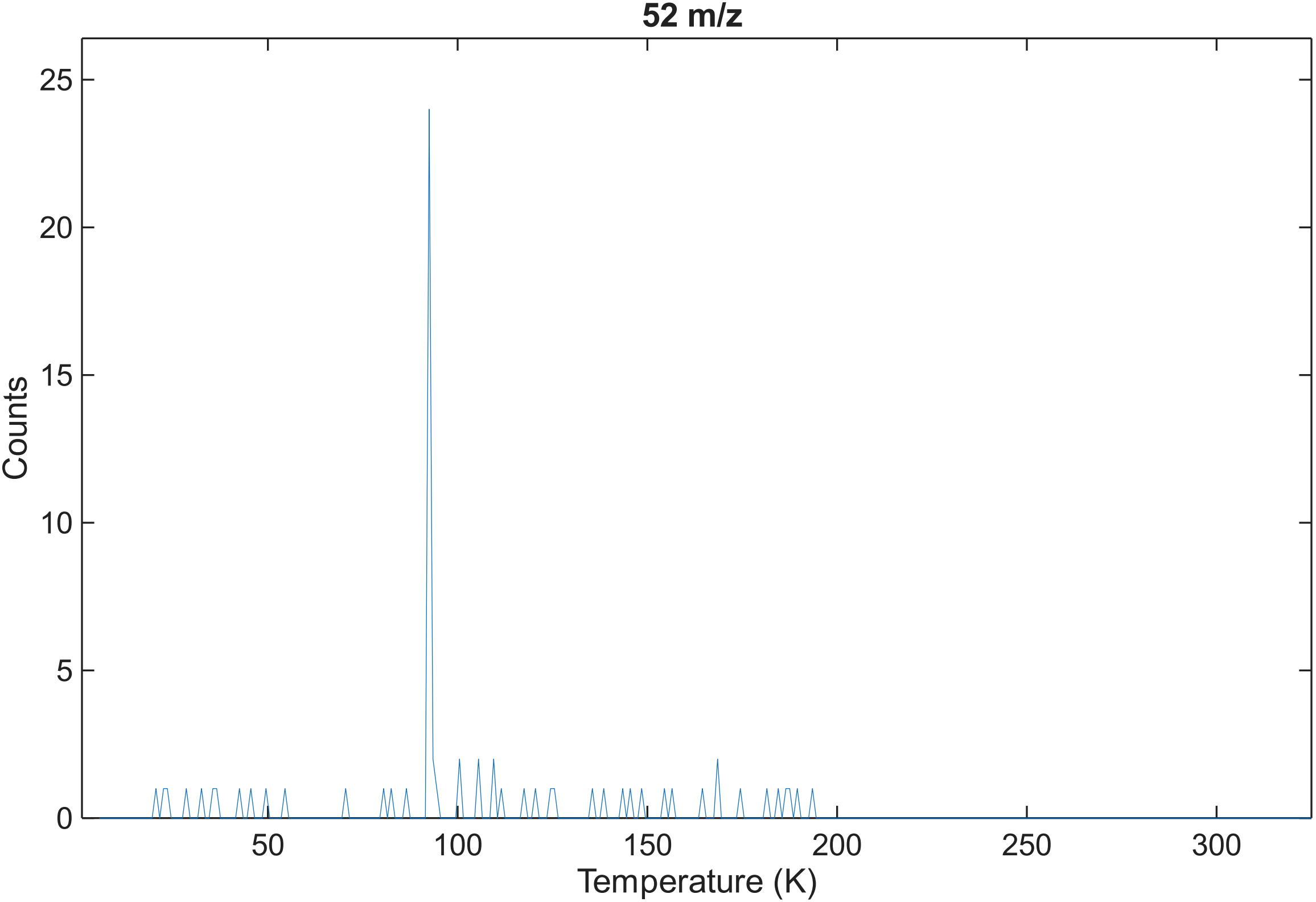

47 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

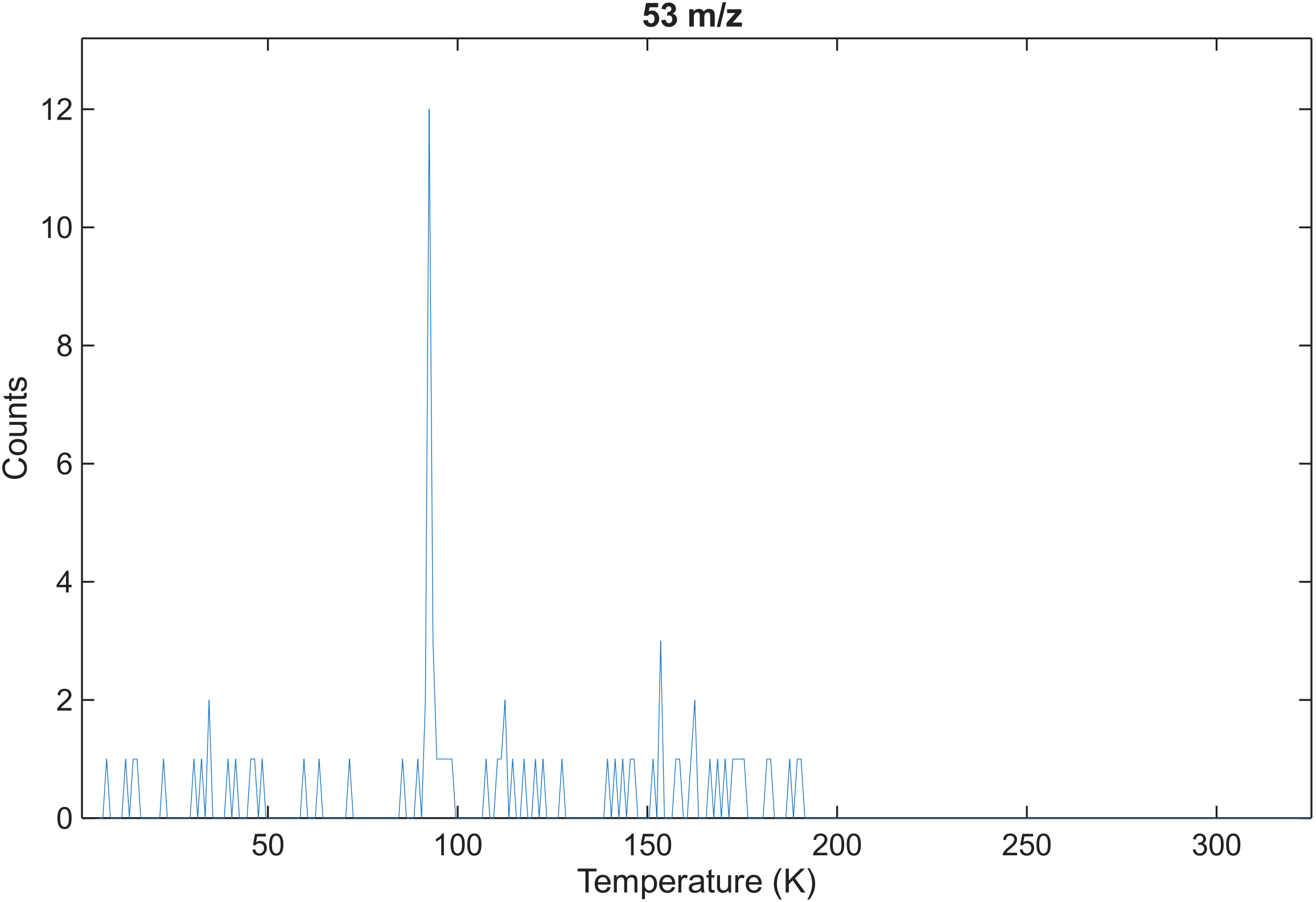

48 m/z
Counts
0
5
10
15
20
25
30
50
100
150
200
250
300
Temperature (K)

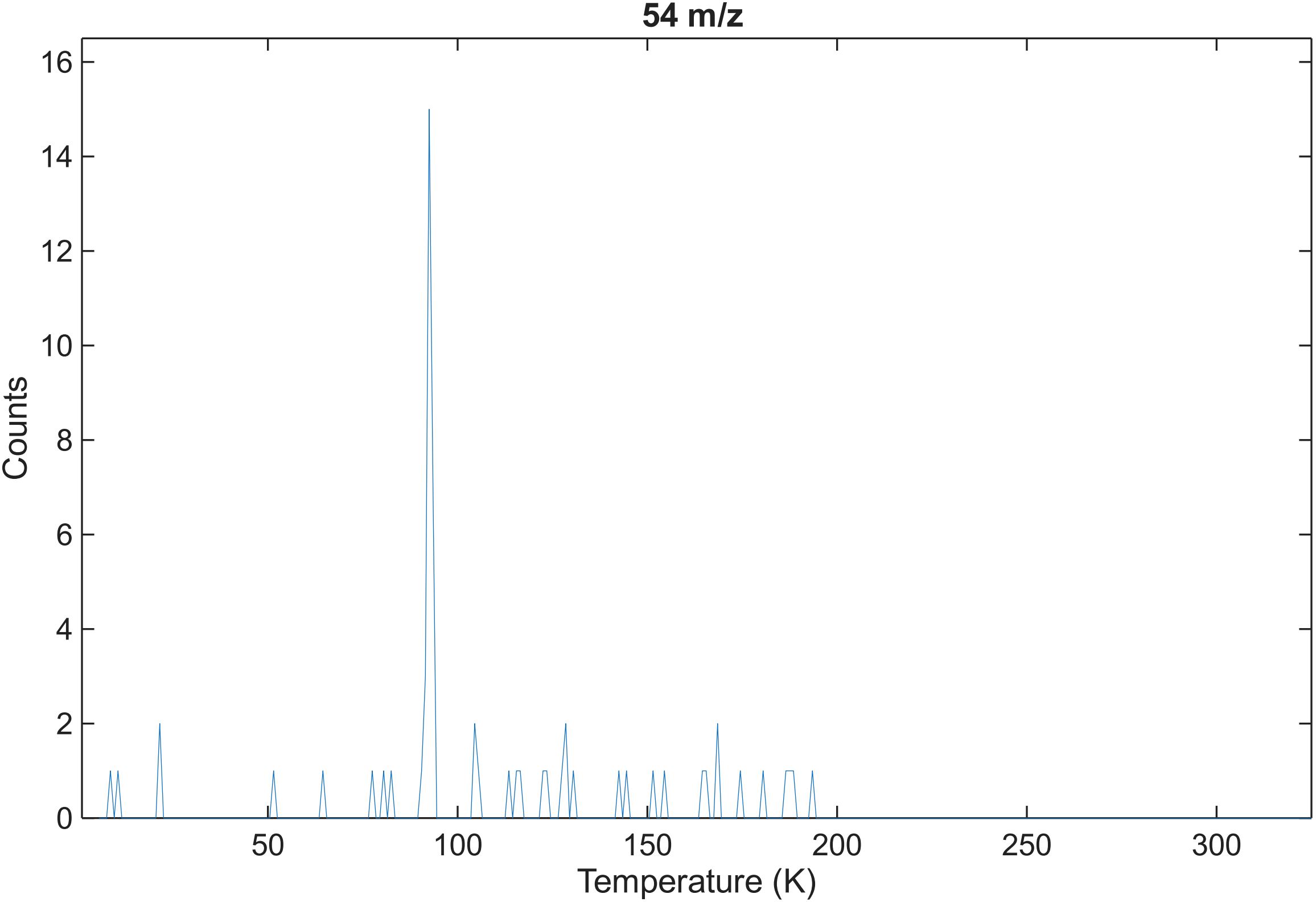

49 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

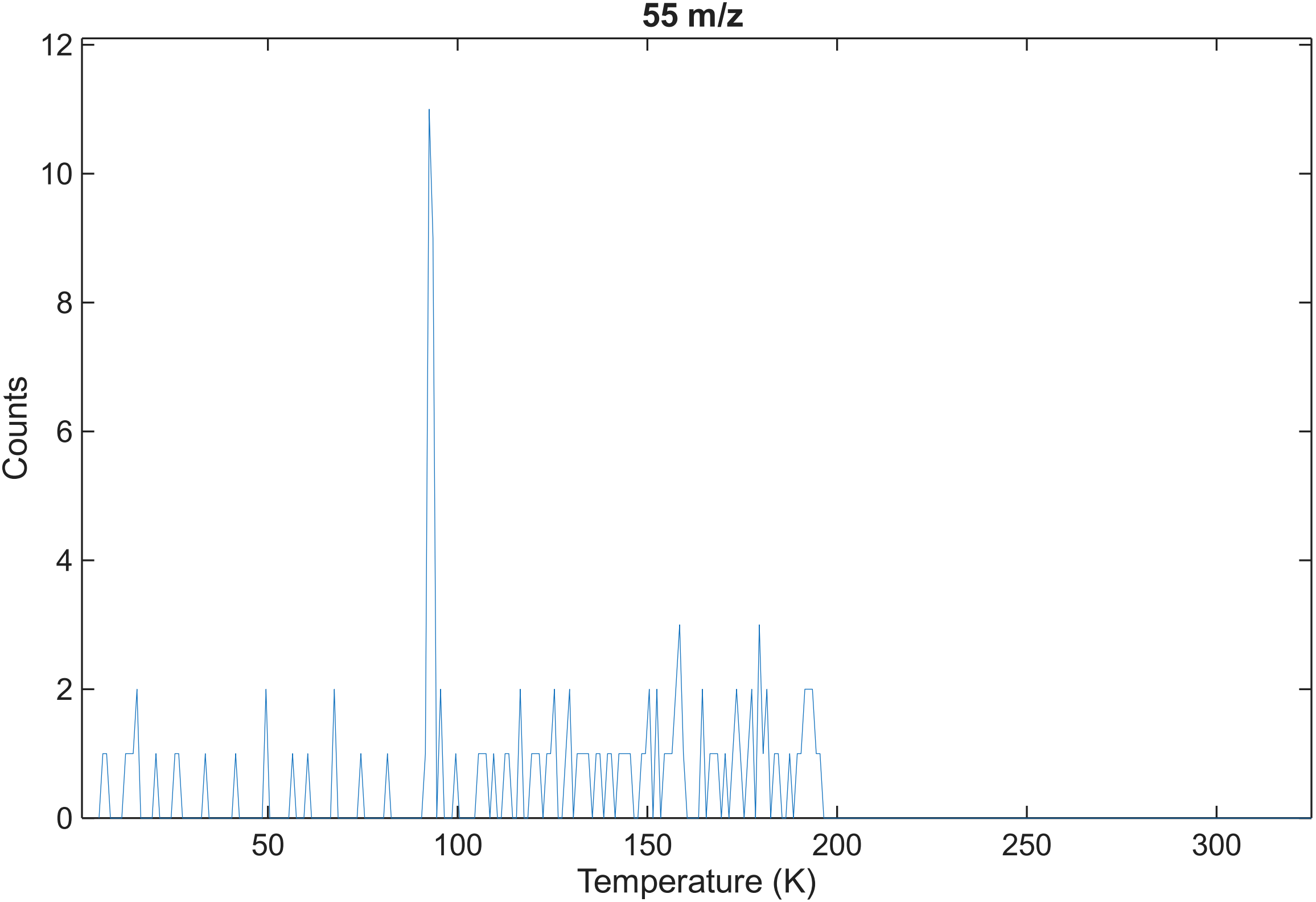

50 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

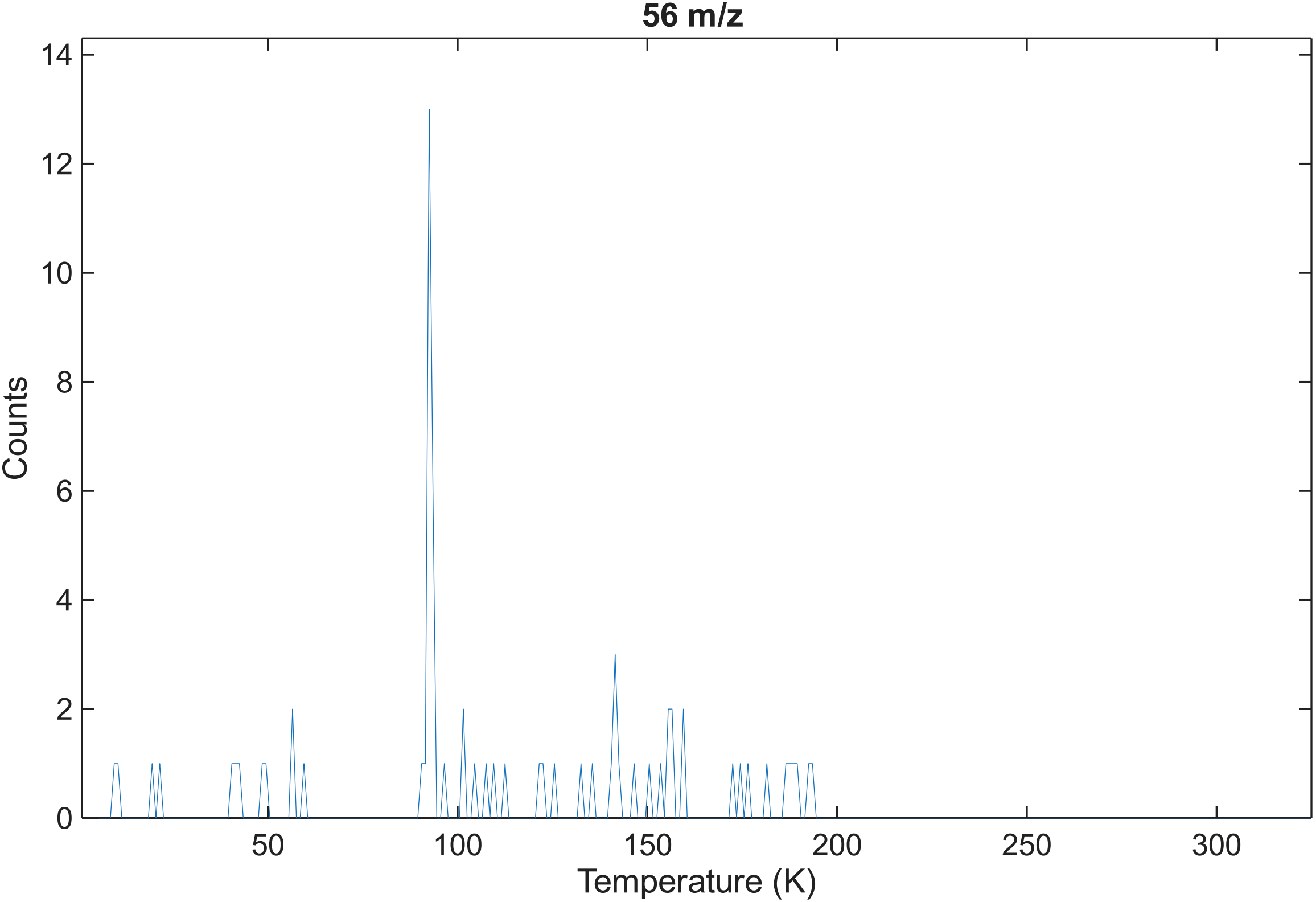

51 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

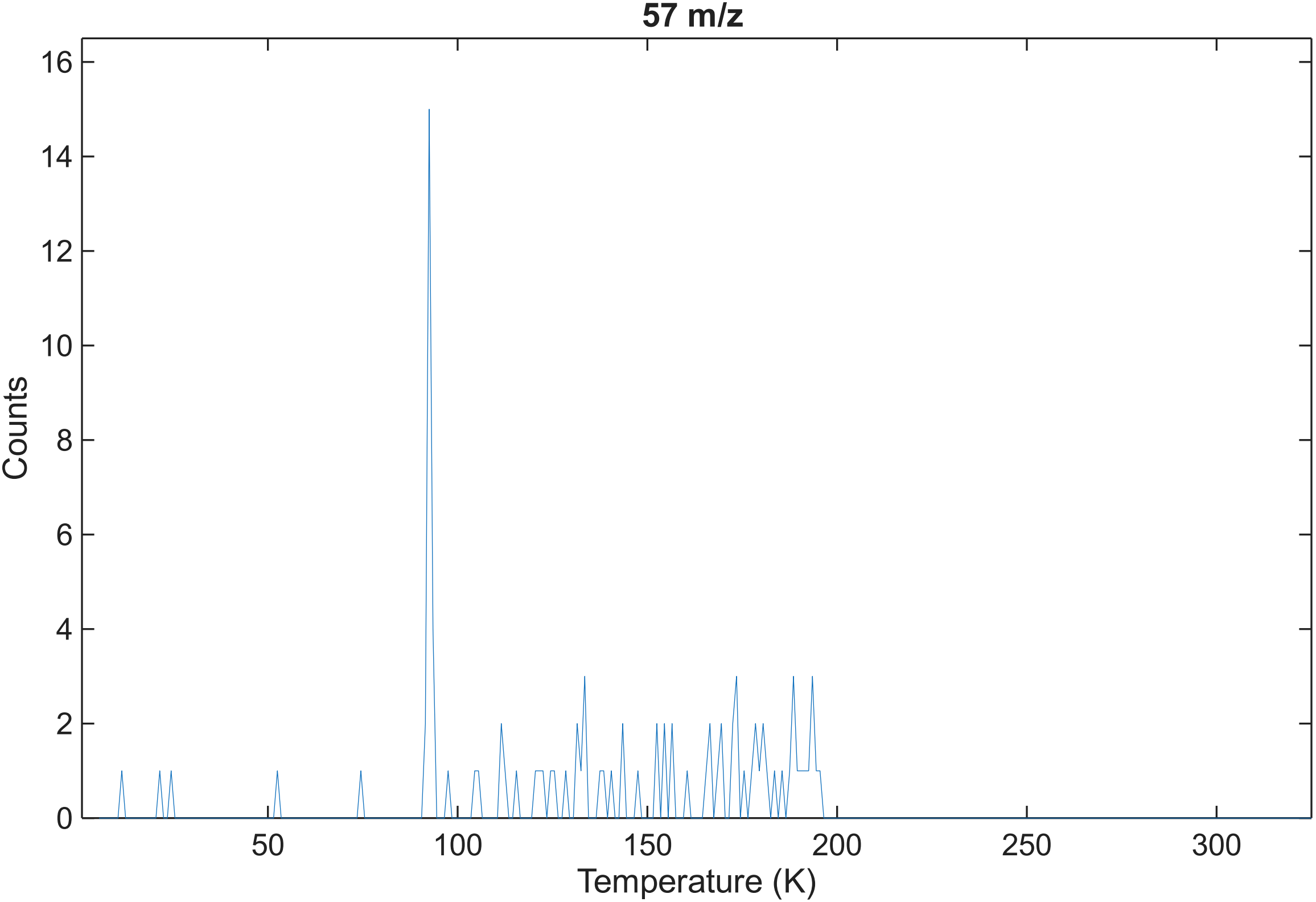

52 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

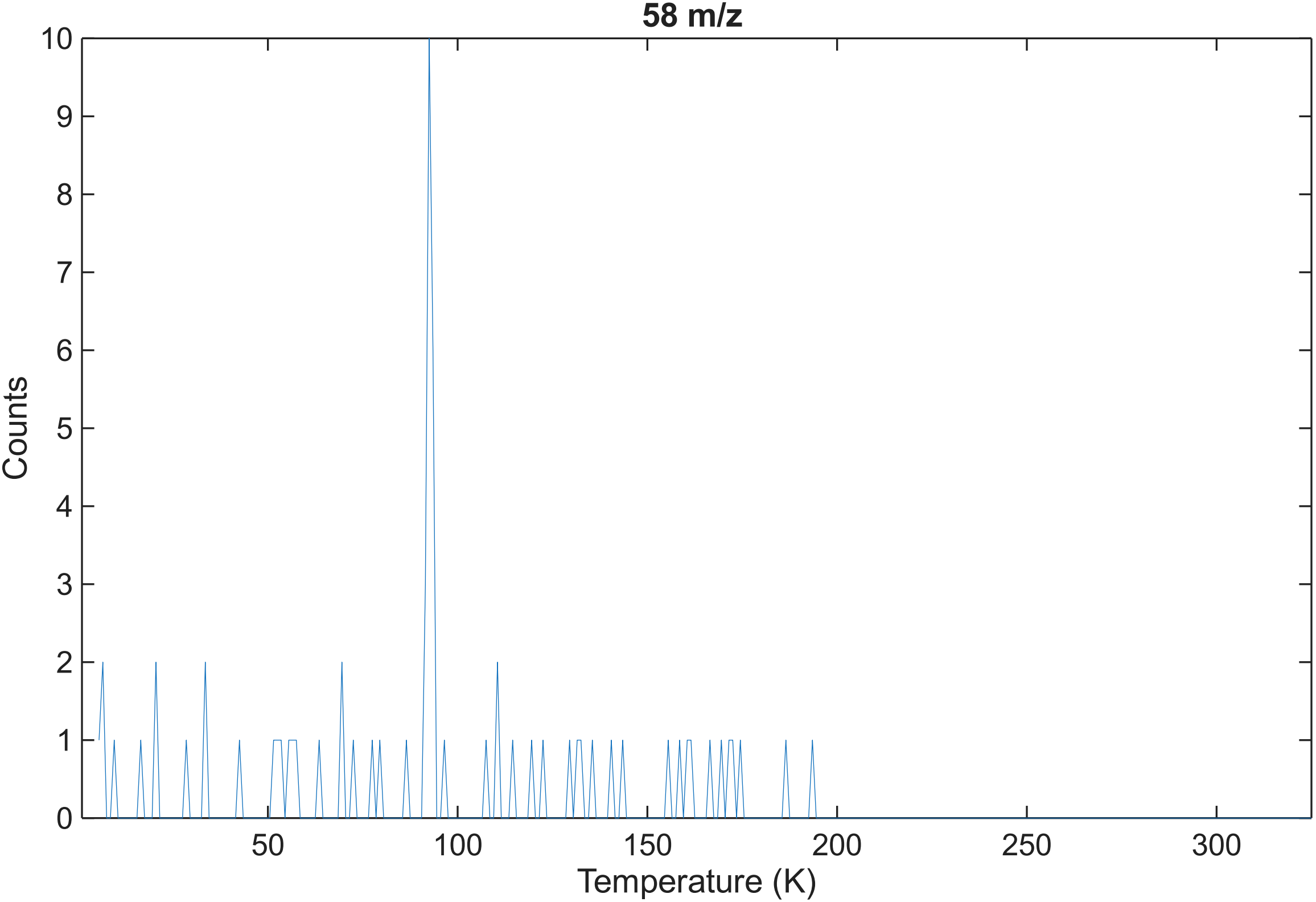

53 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

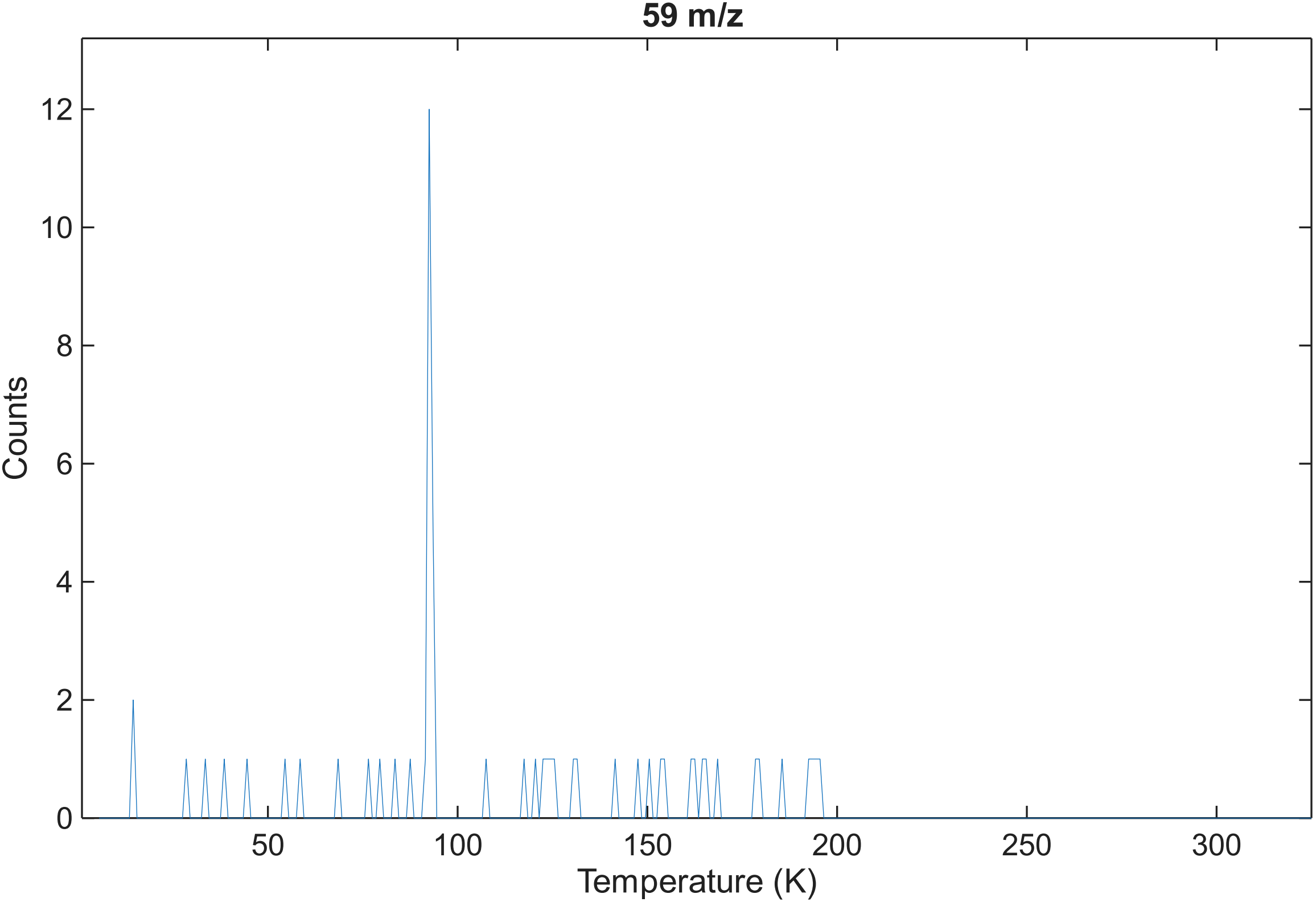

54 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

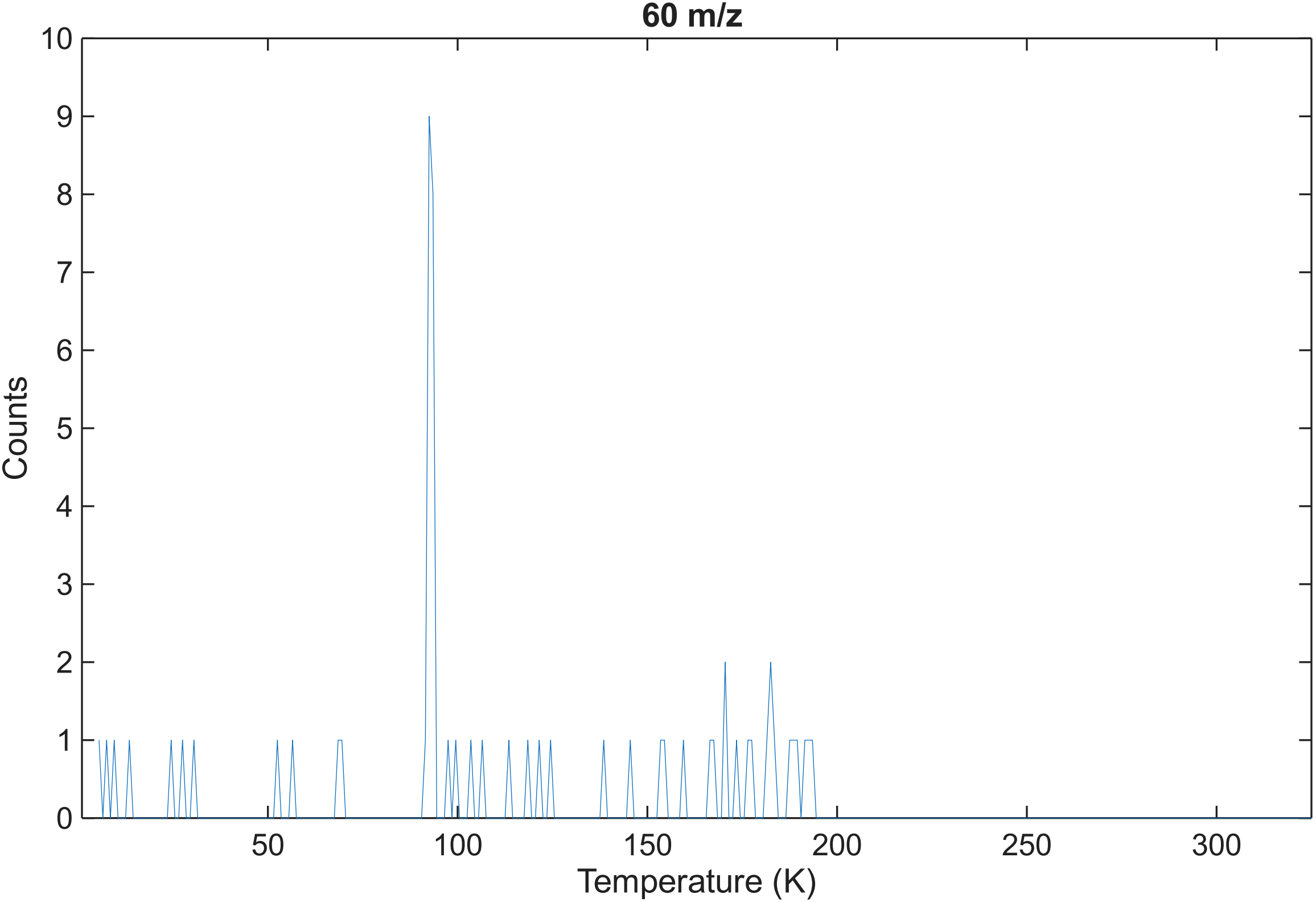

55 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

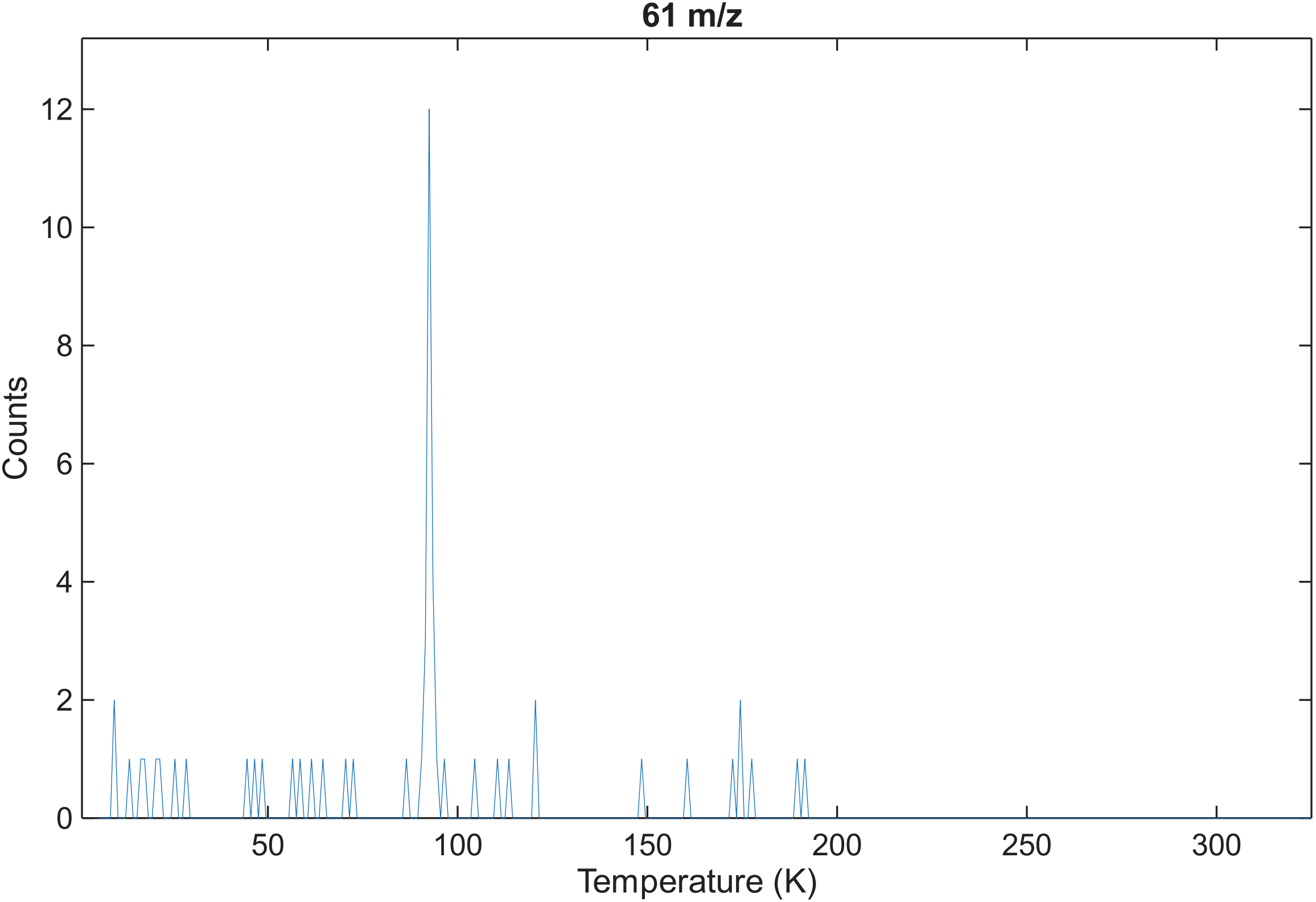

56 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

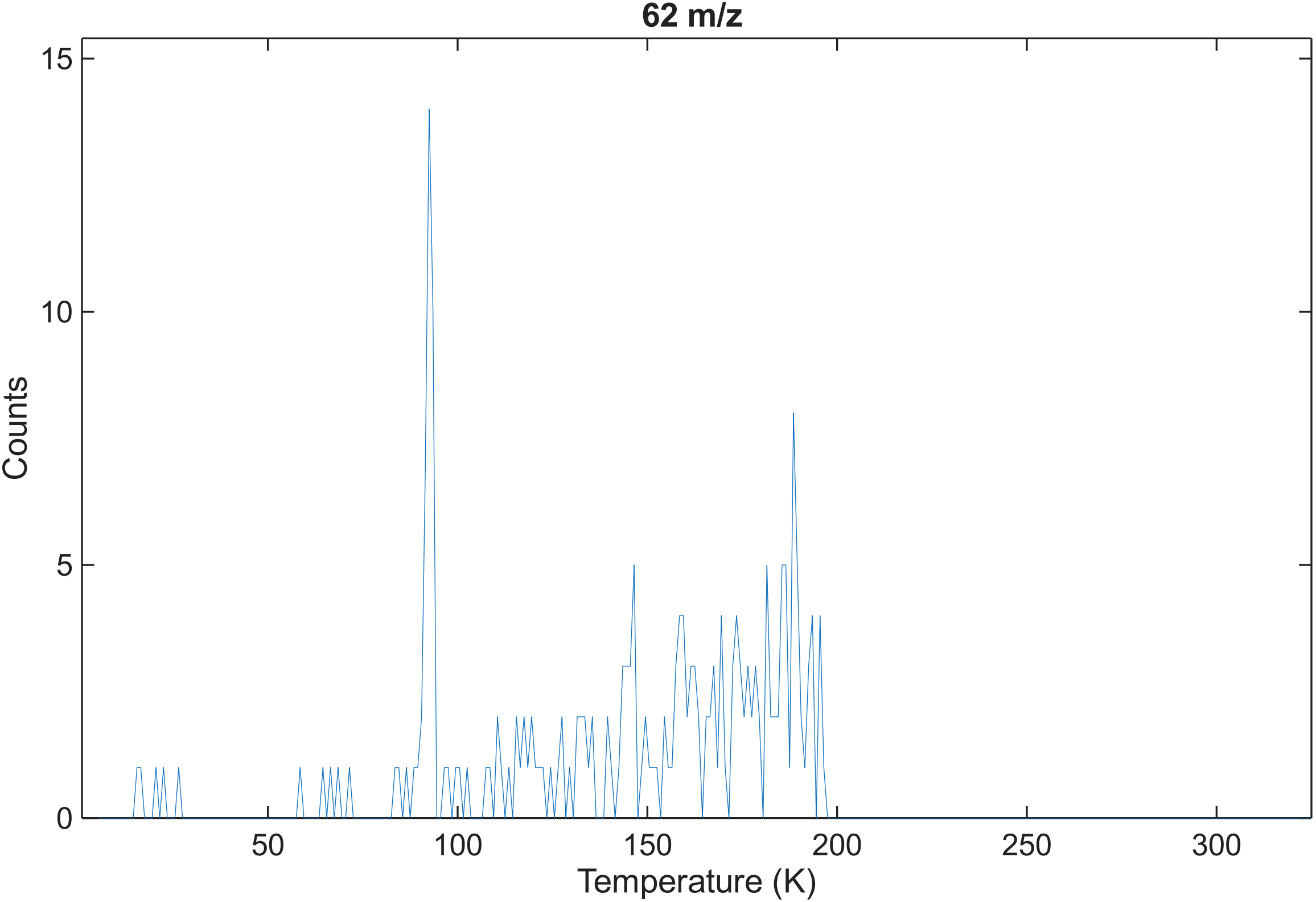

57 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

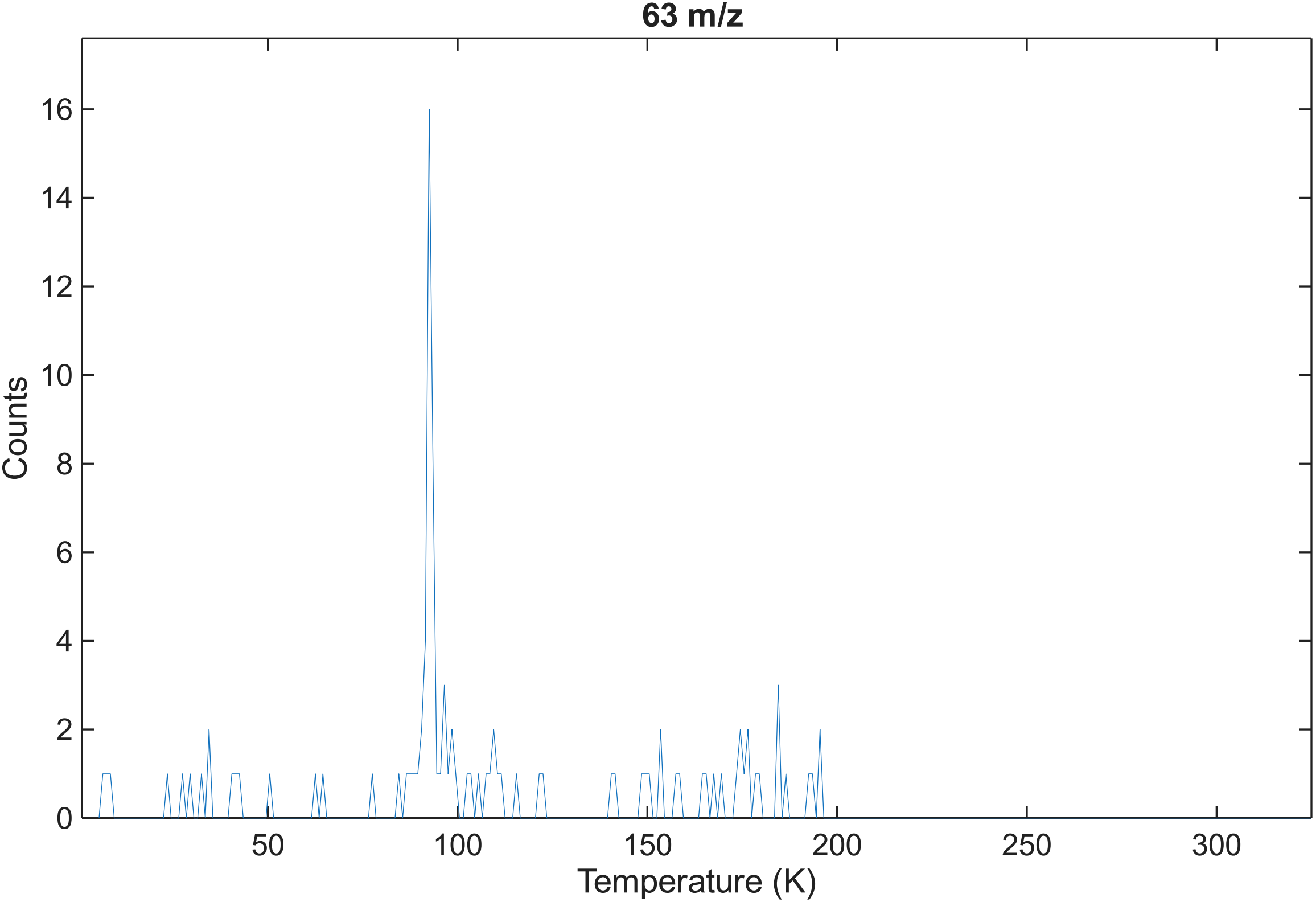

58 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

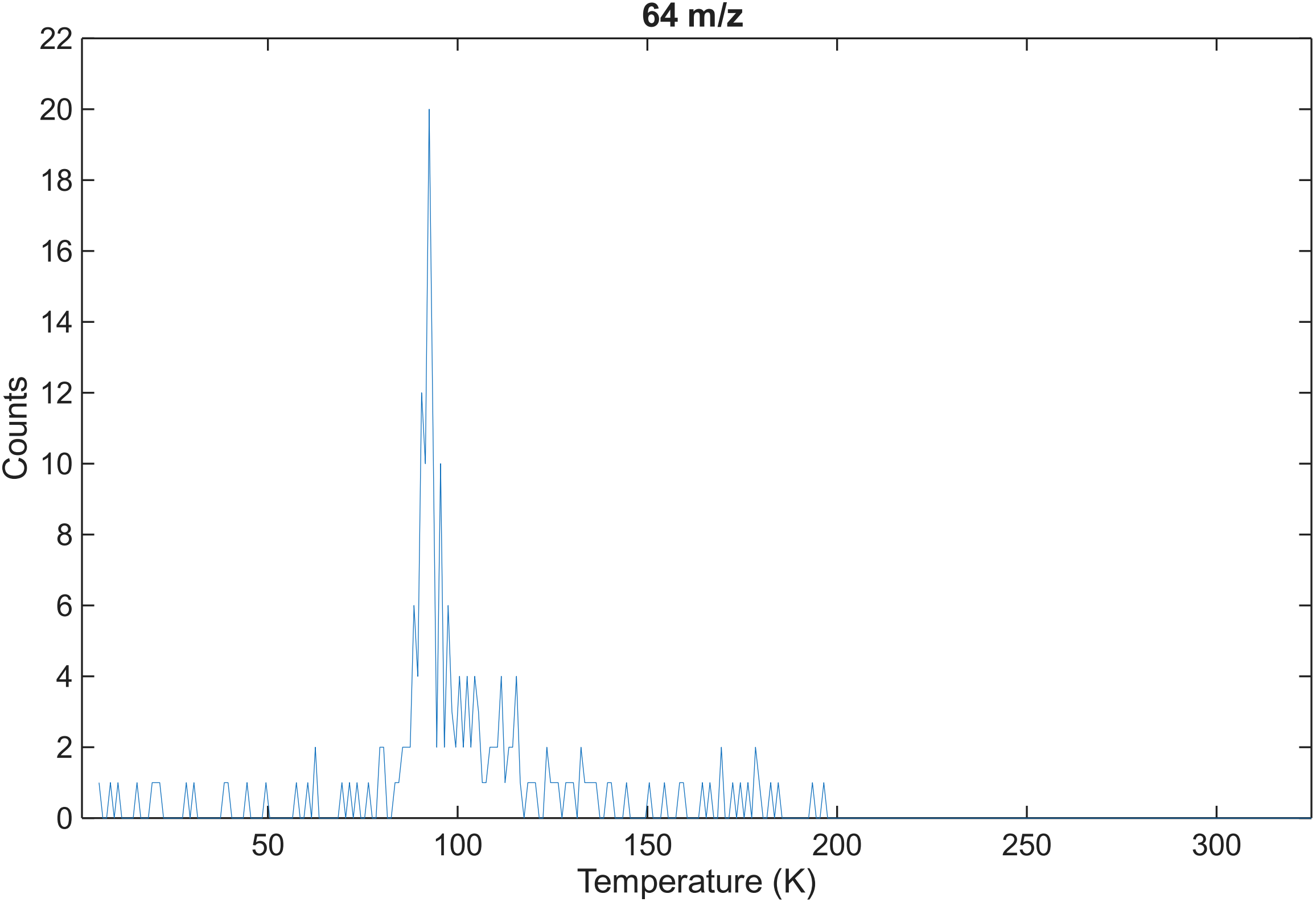

59 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

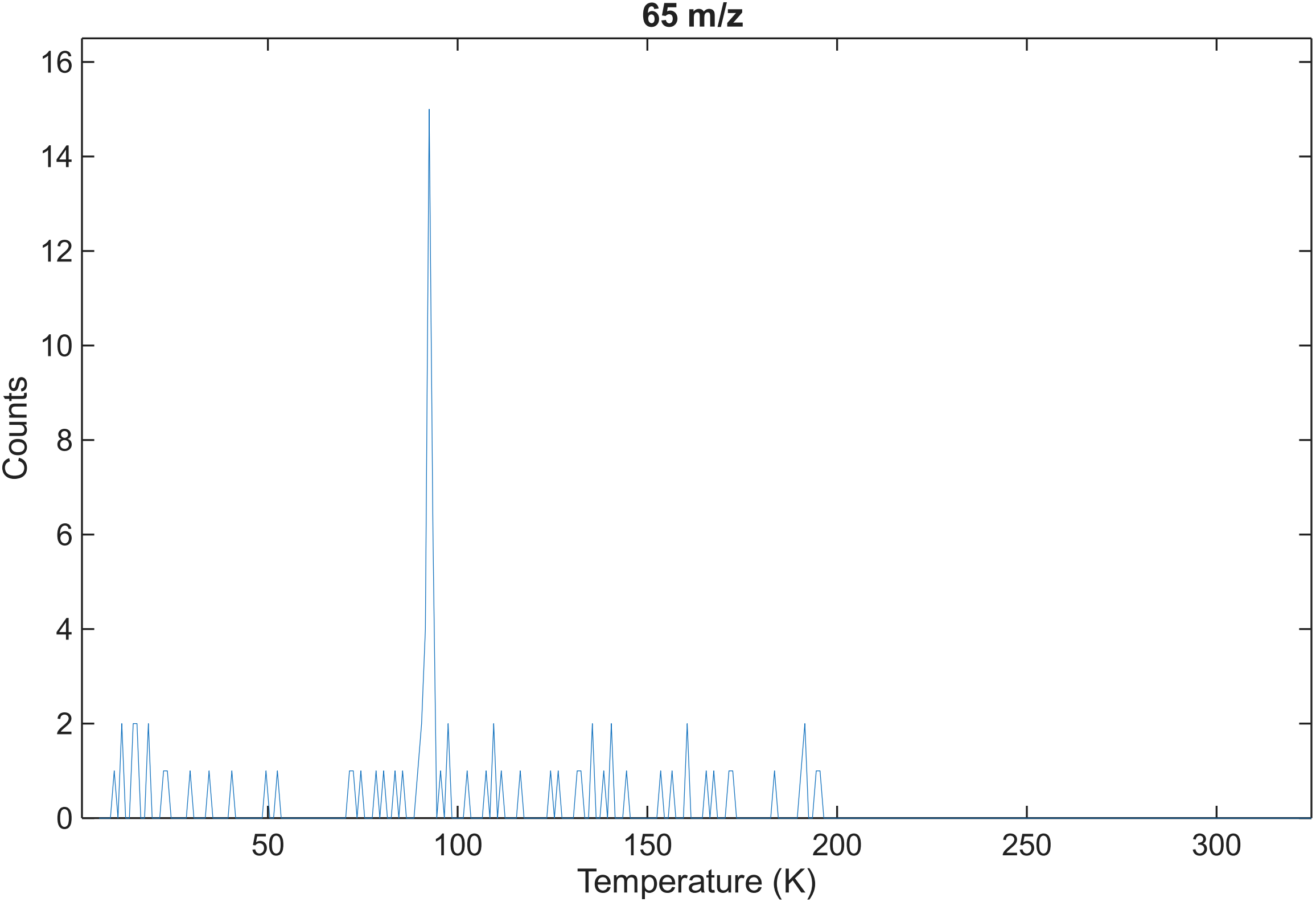

60 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

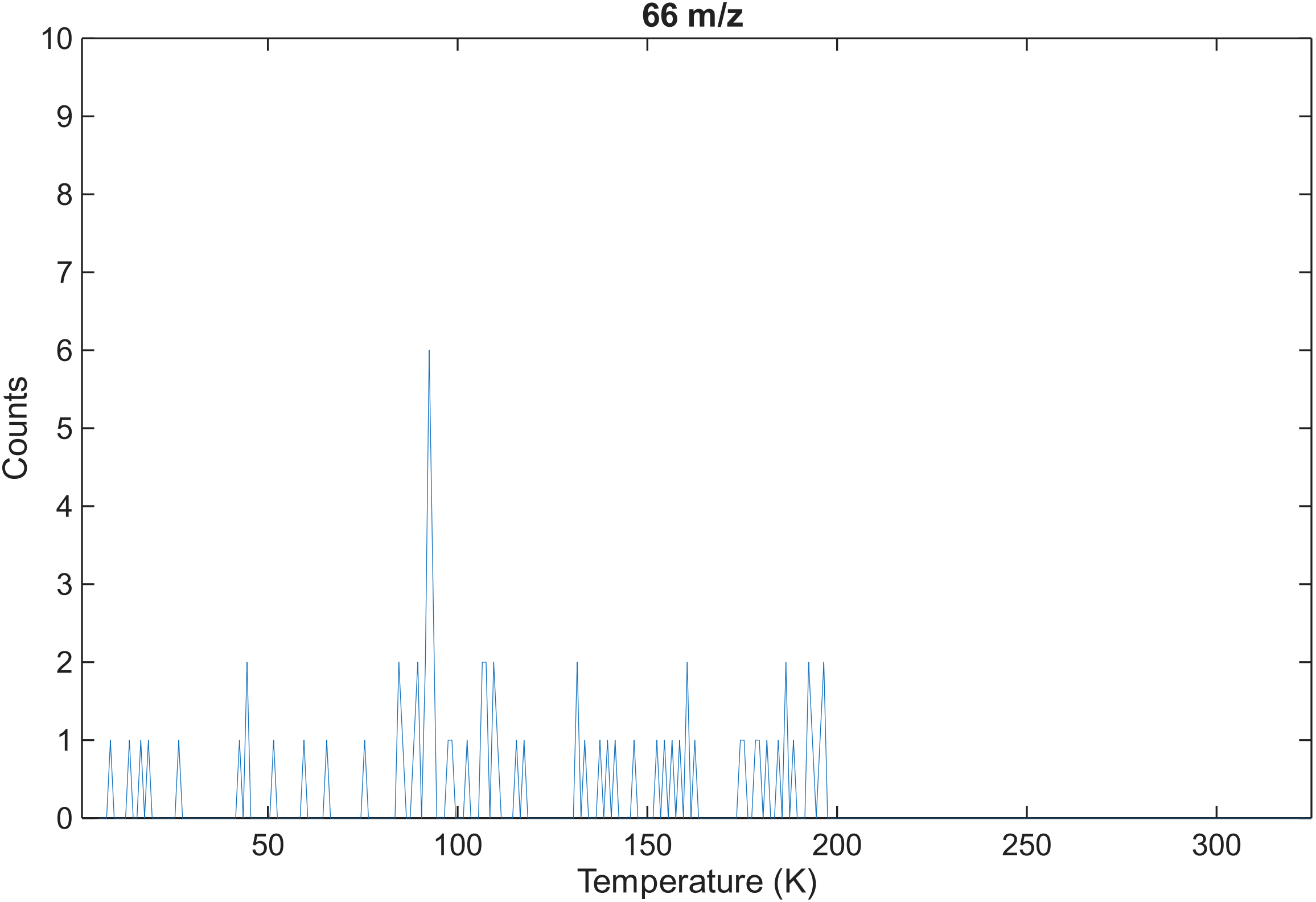

61 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

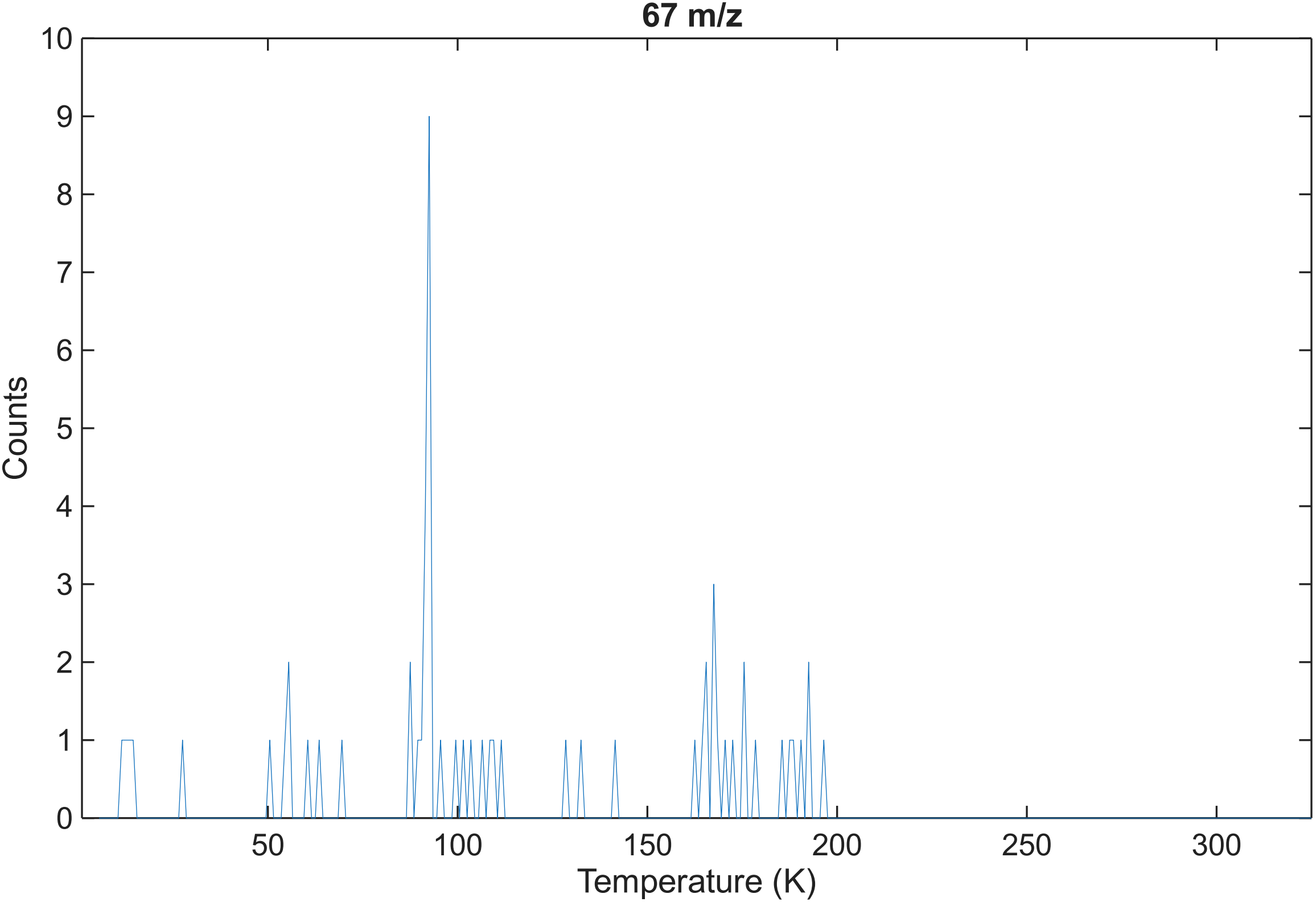

62 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

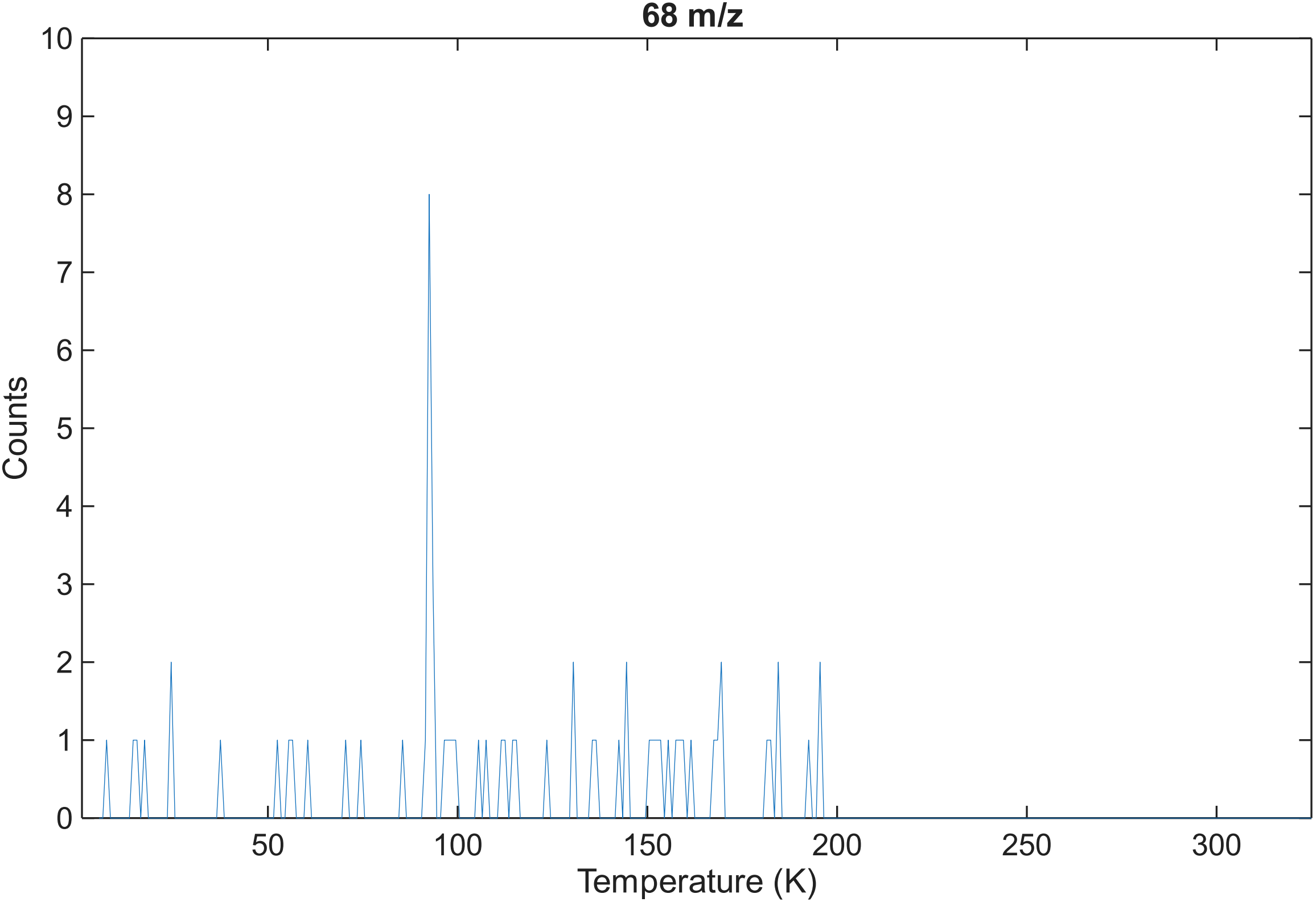

63 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

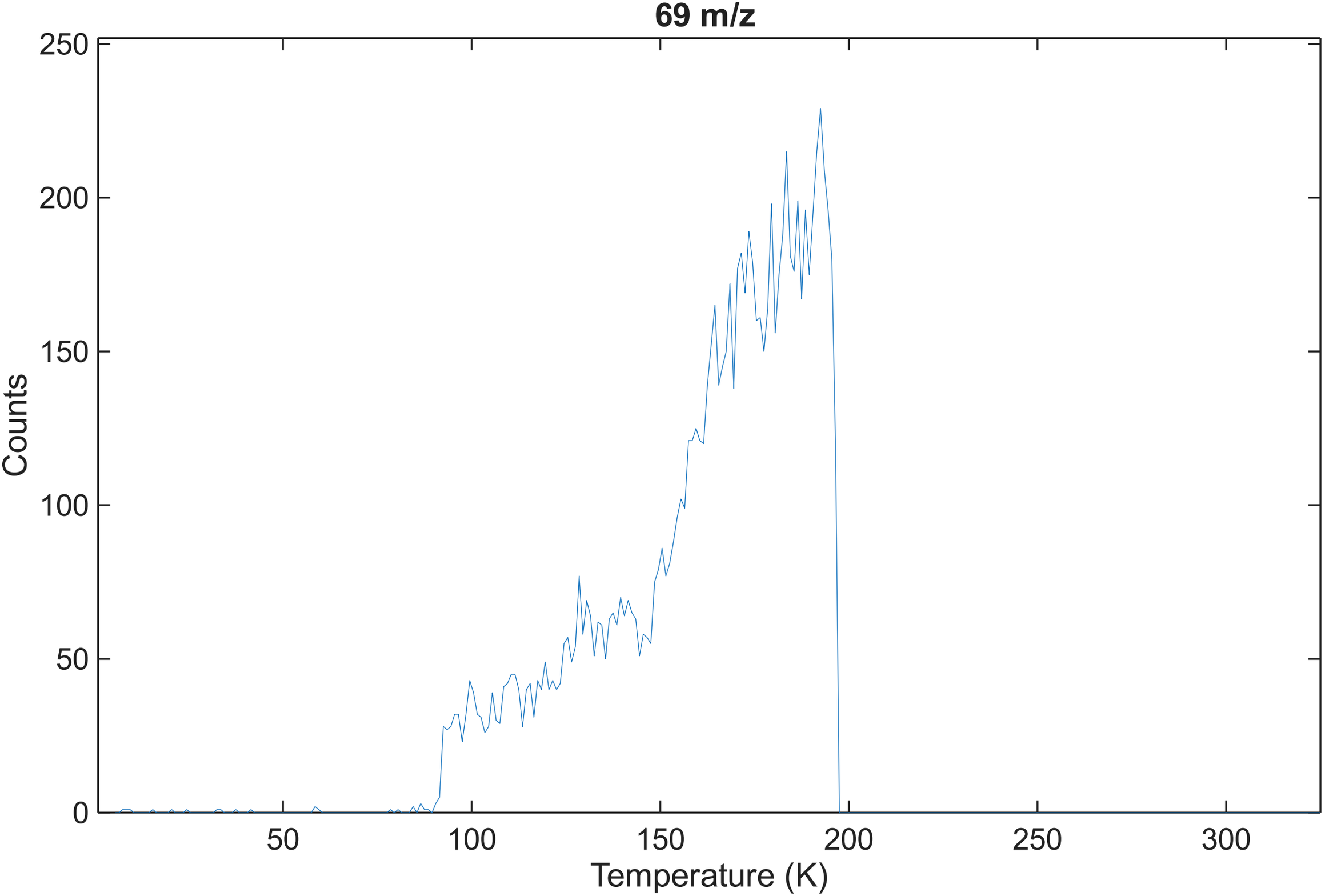

64 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300

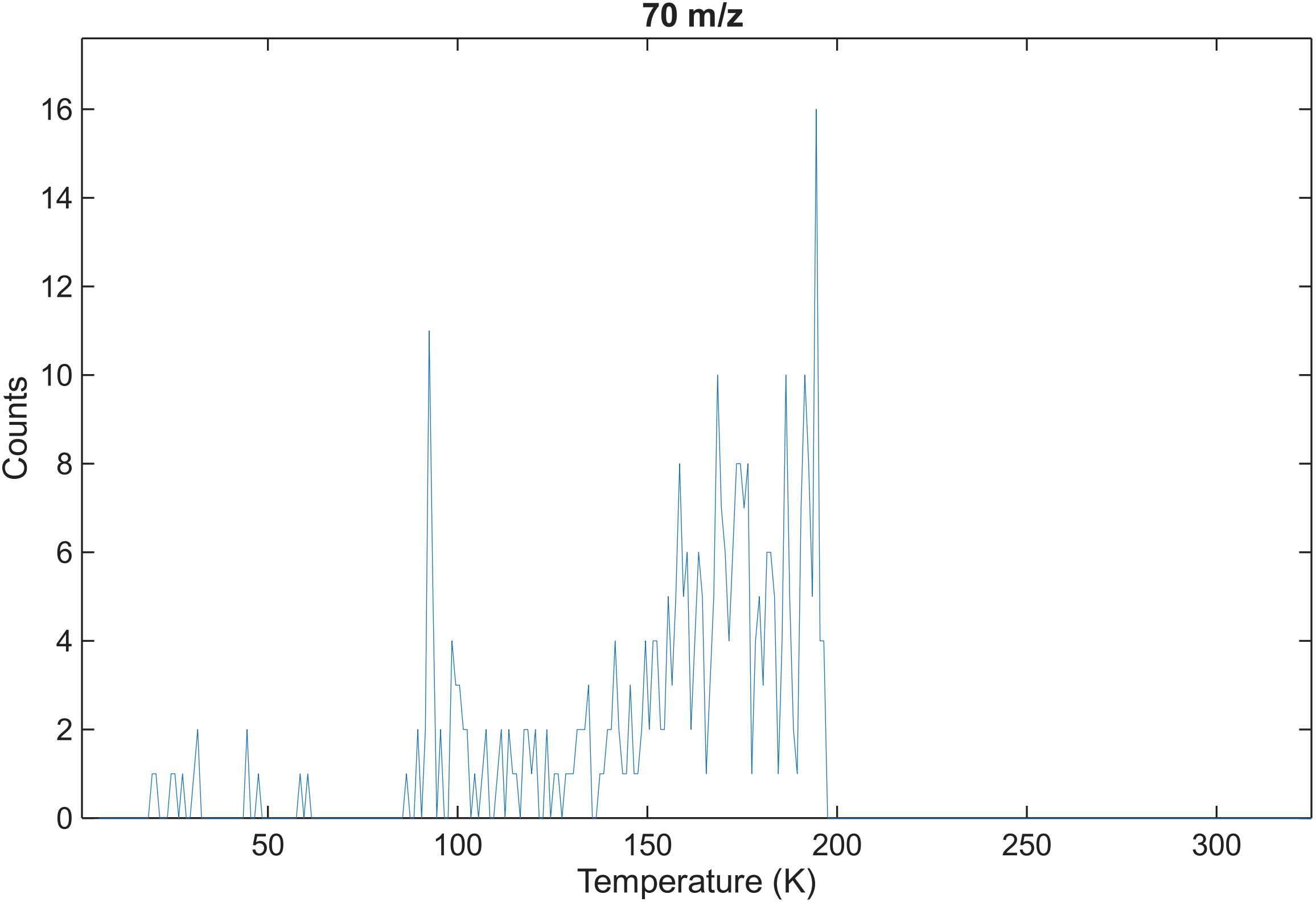

65 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

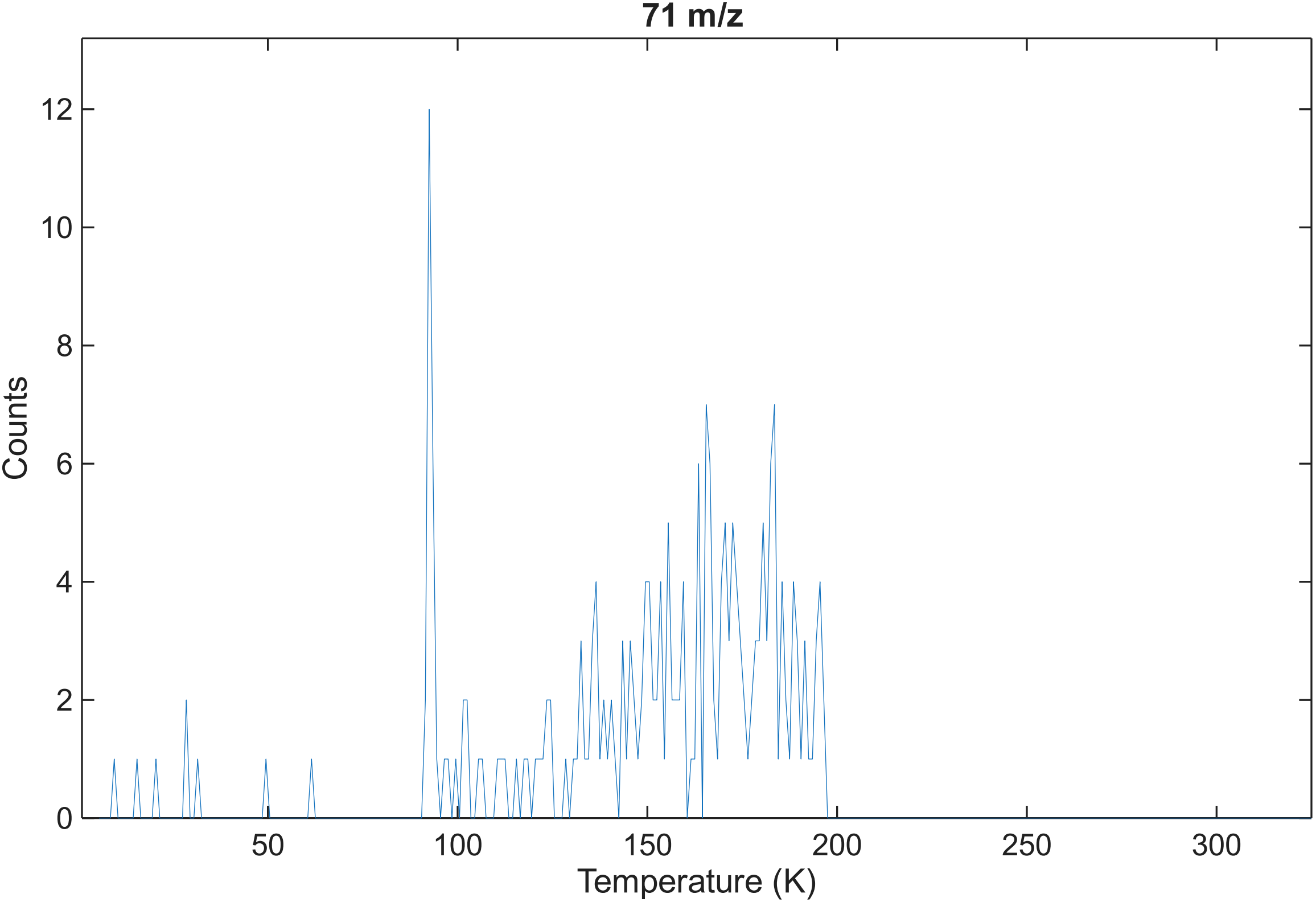

66 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

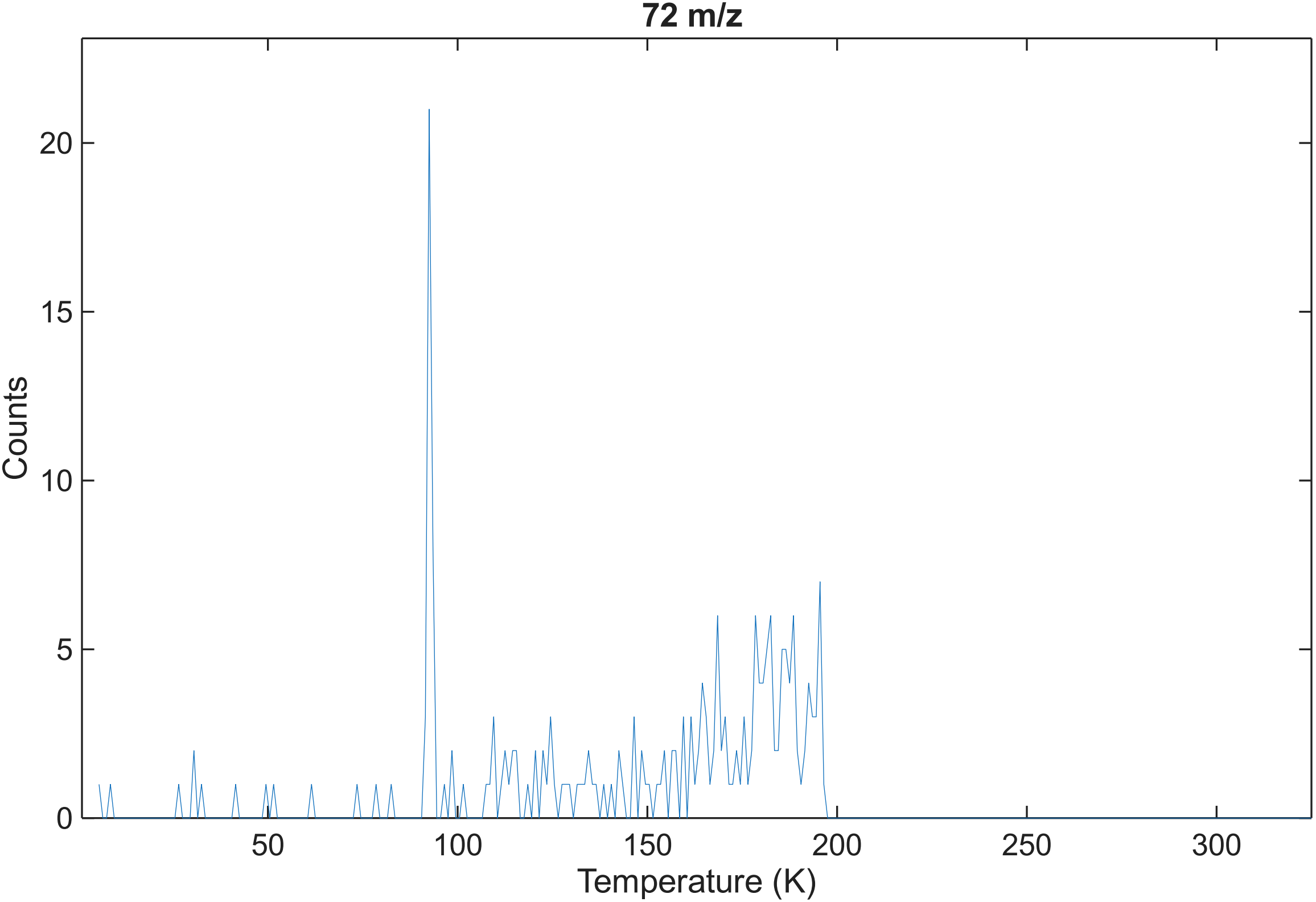

67 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

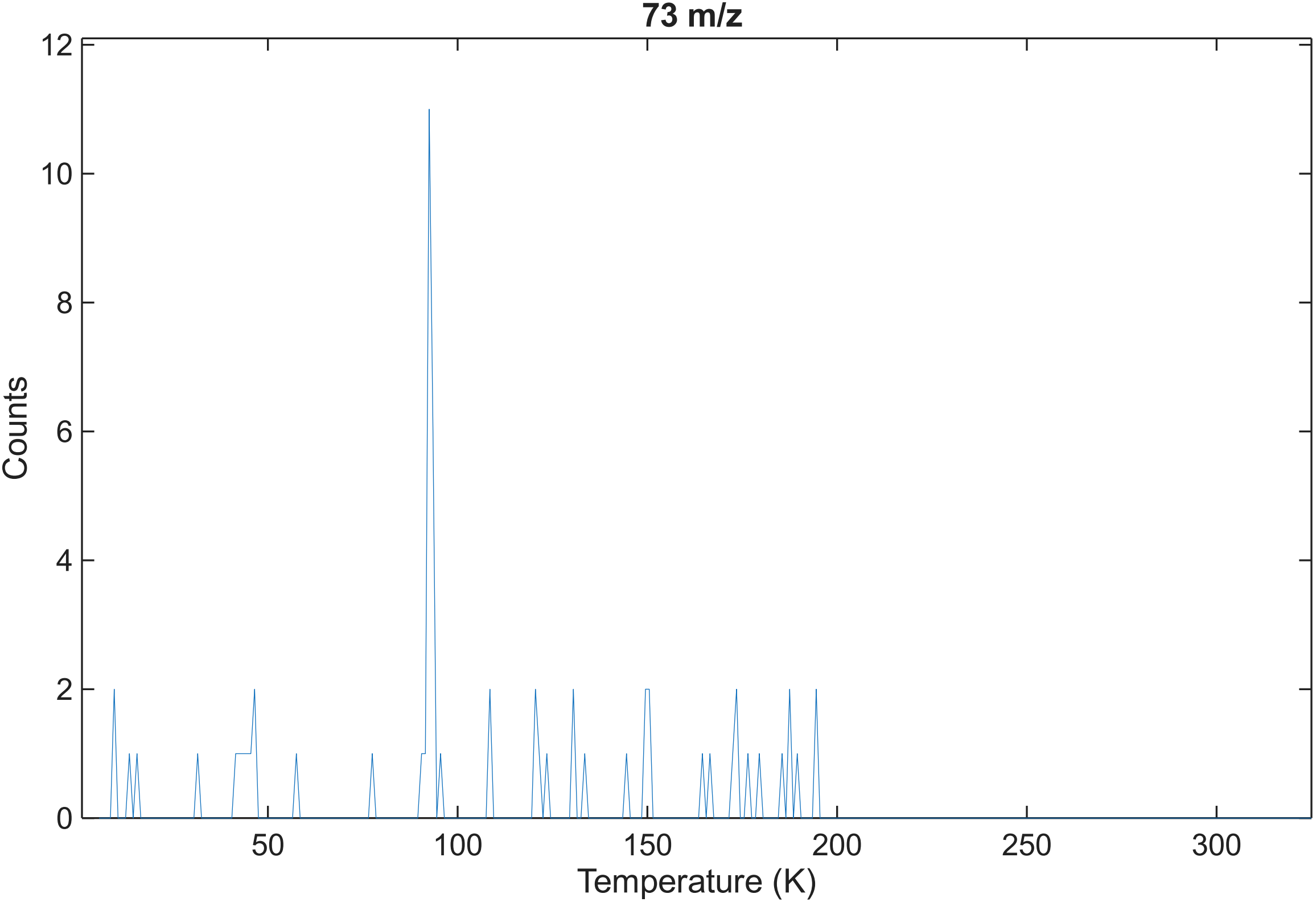

68 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

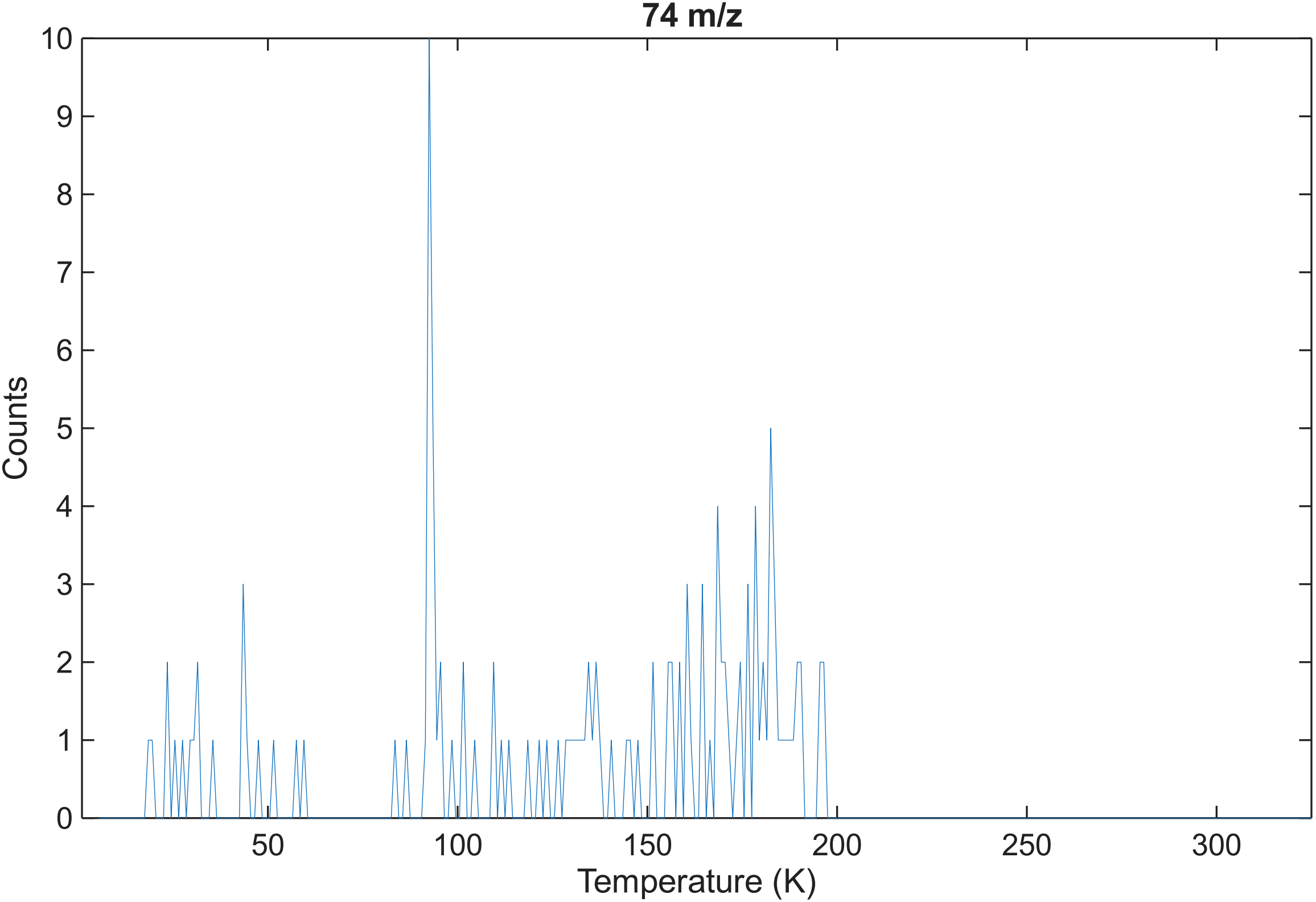

69 m/z
Counts
Temperature (K)
0
50
100
150
200
250
50
100
150
200
250
300

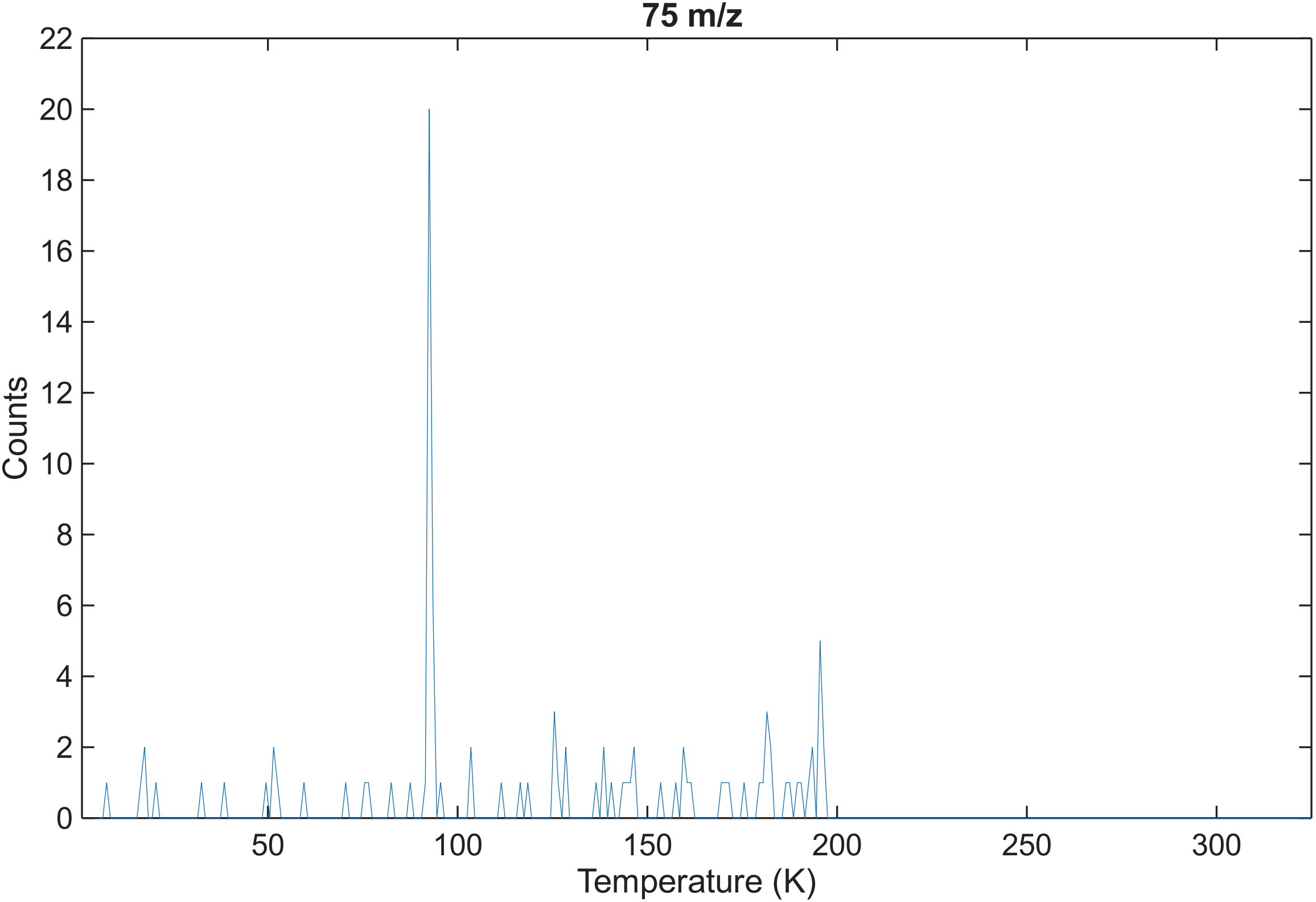

70 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

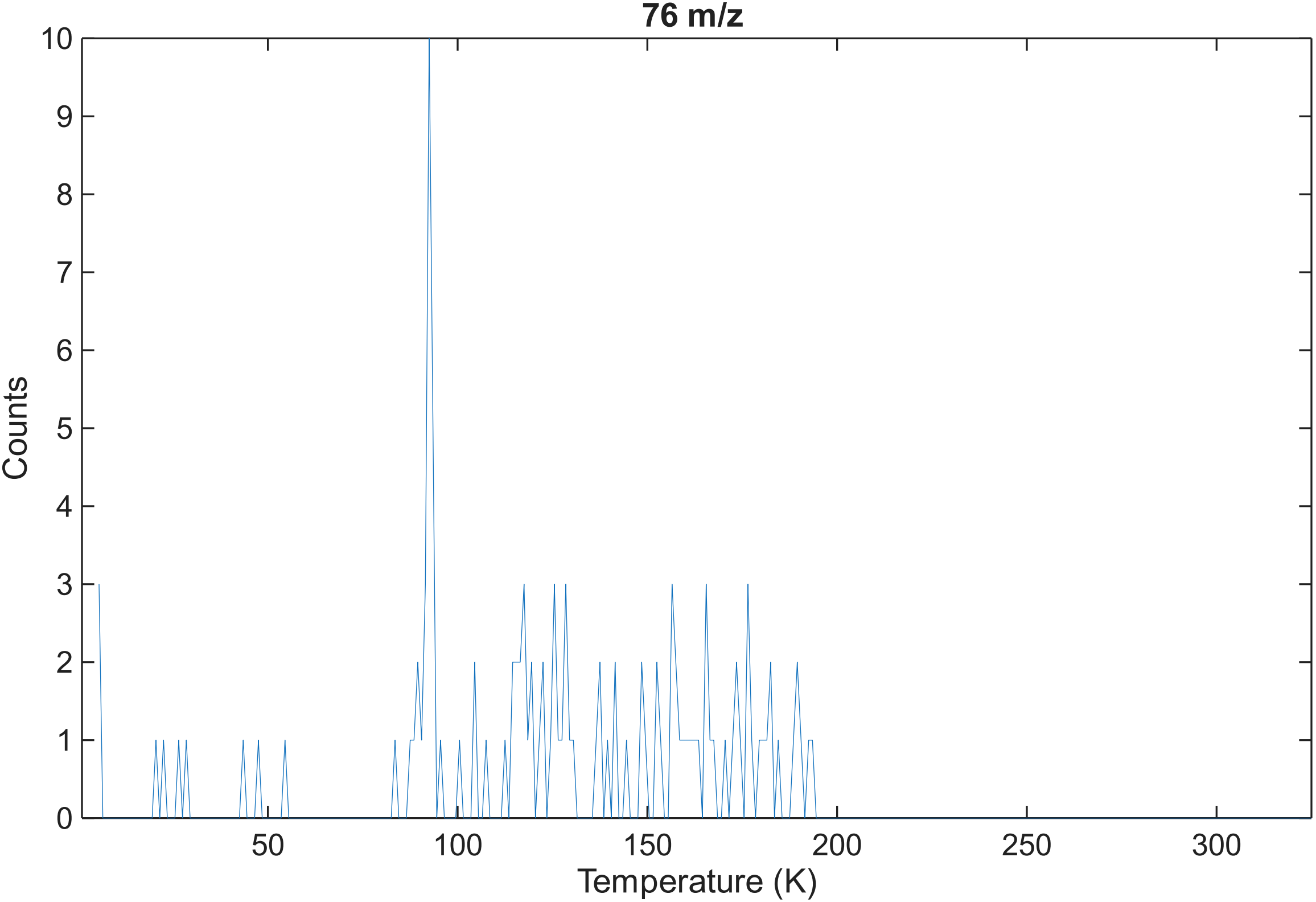

71 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

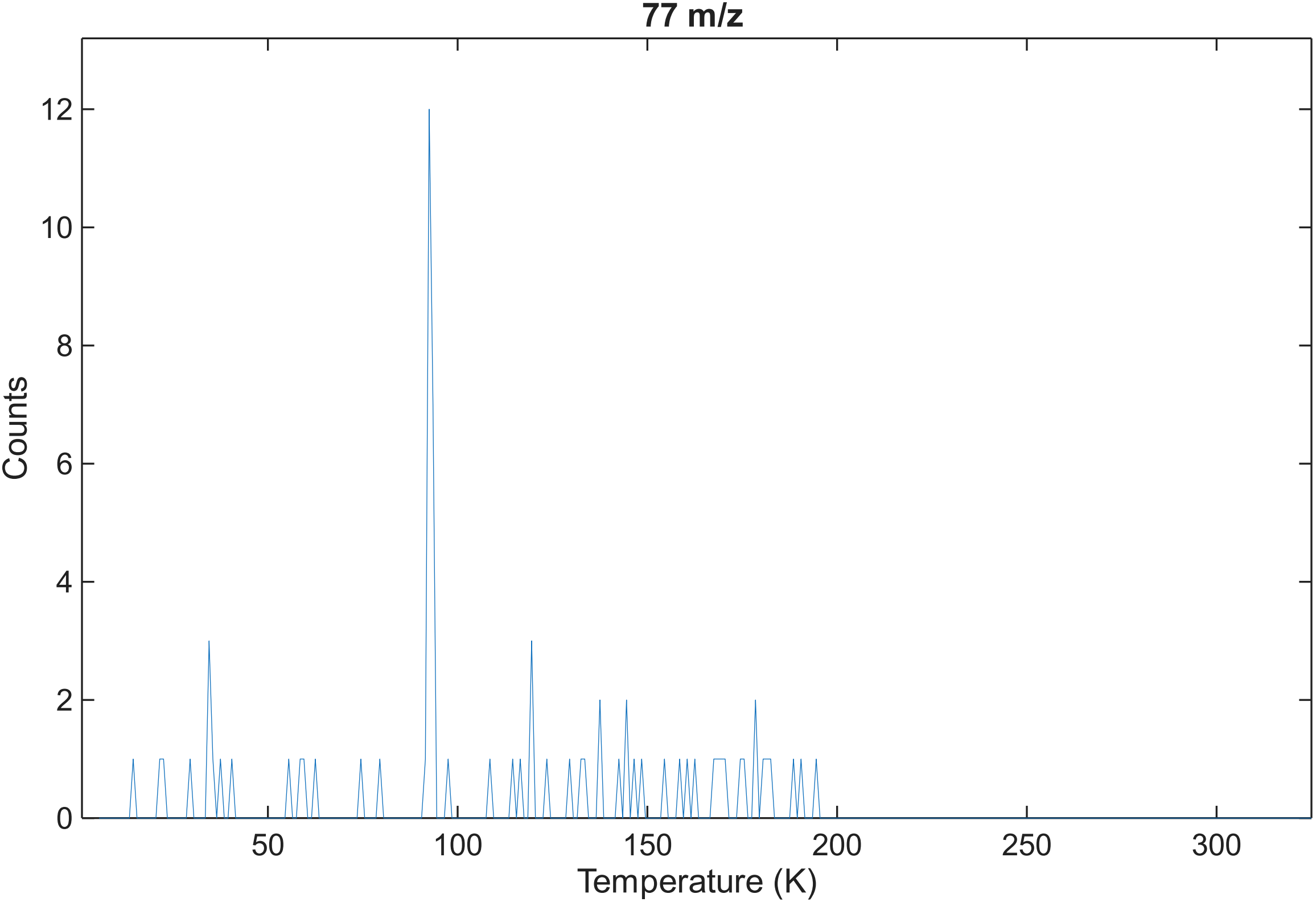

72 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

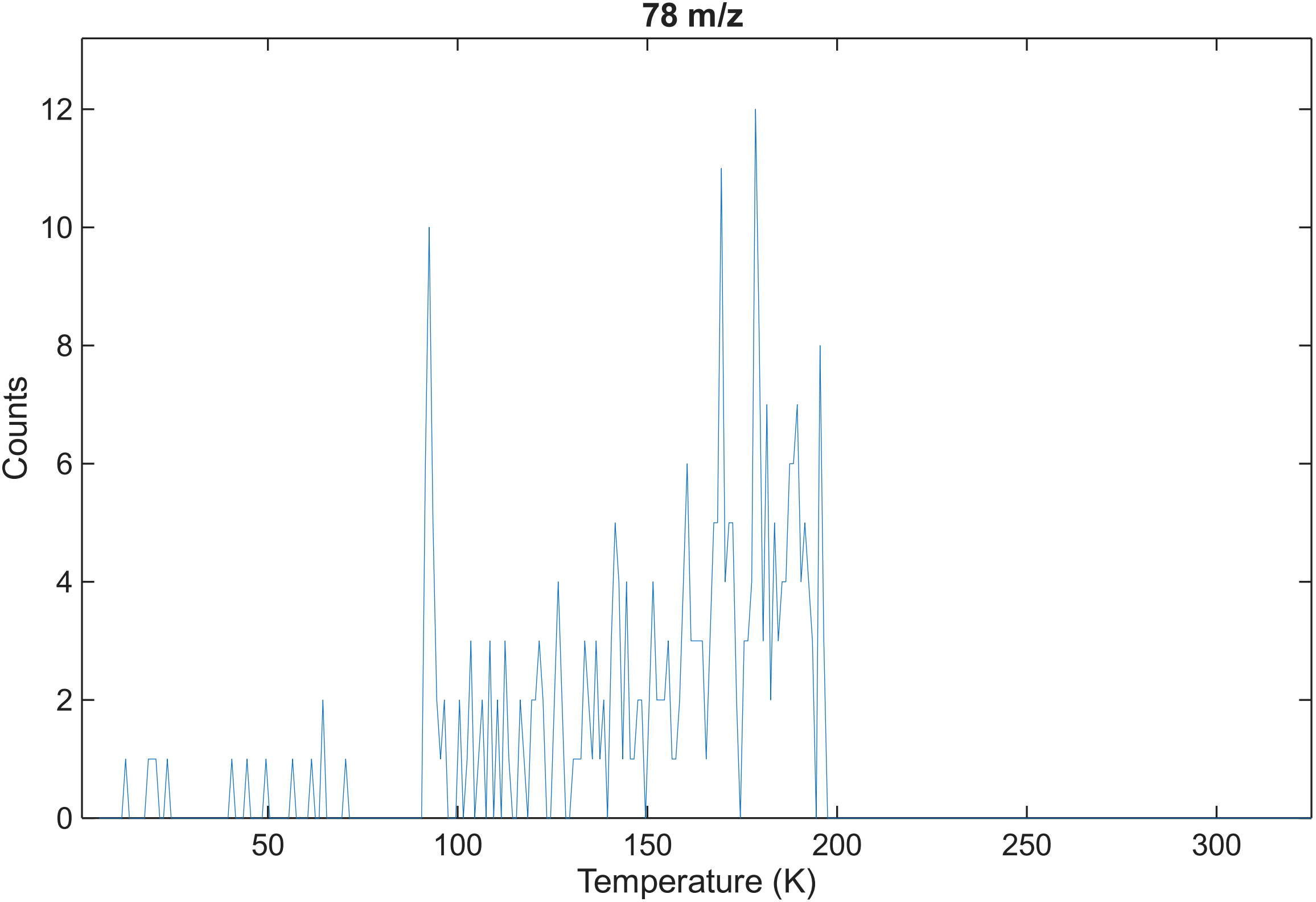

73 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

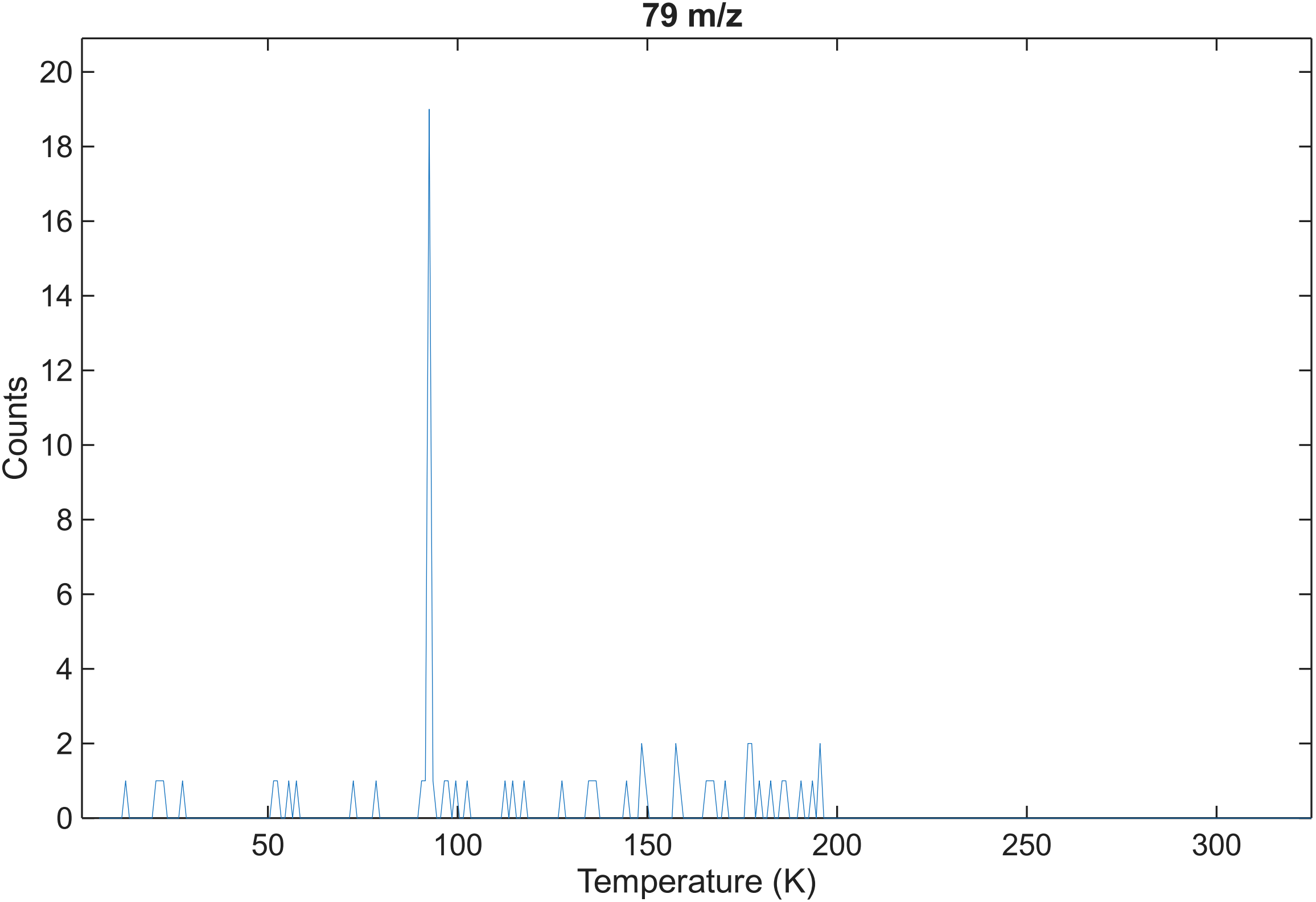

74 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

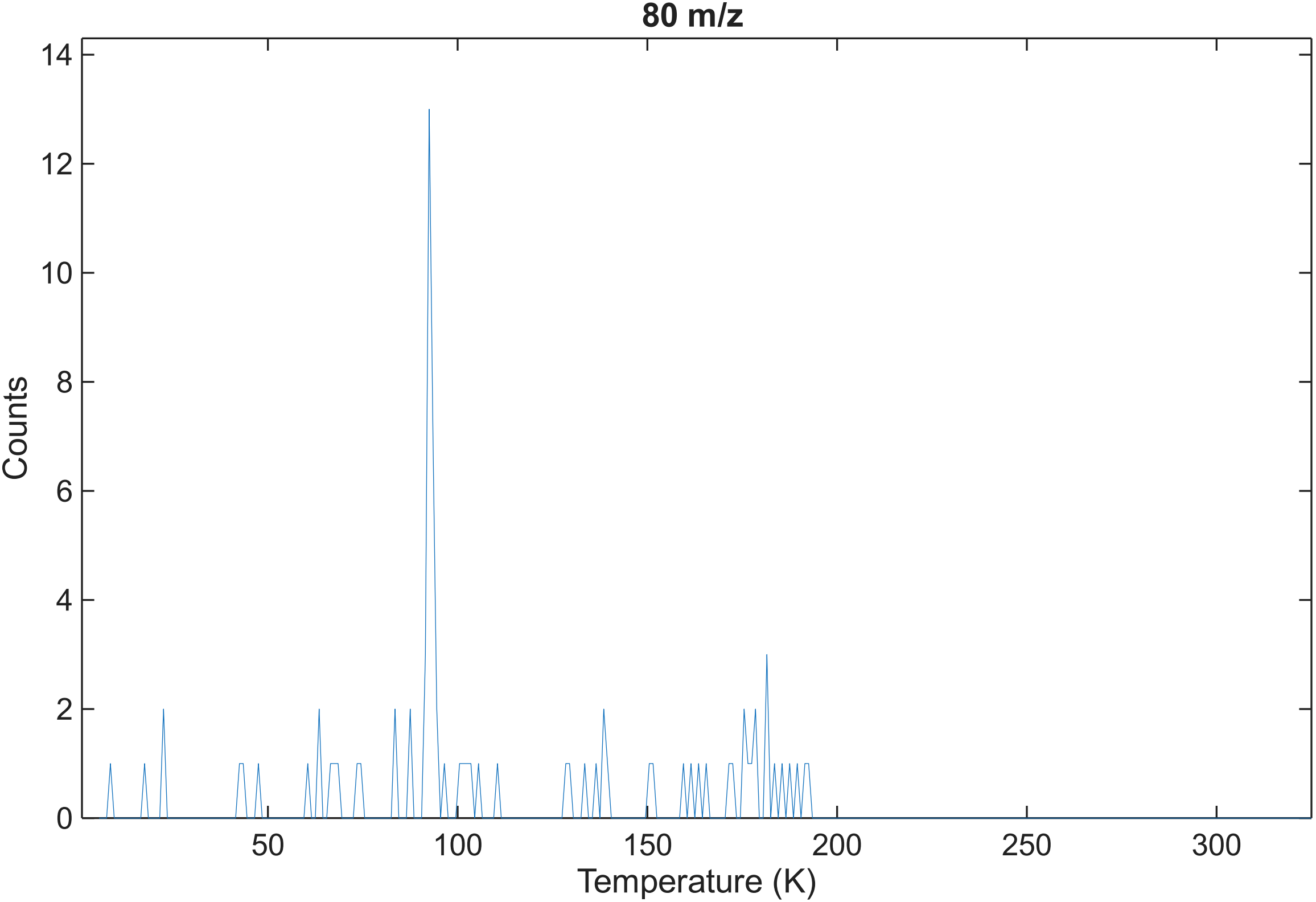

75 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300

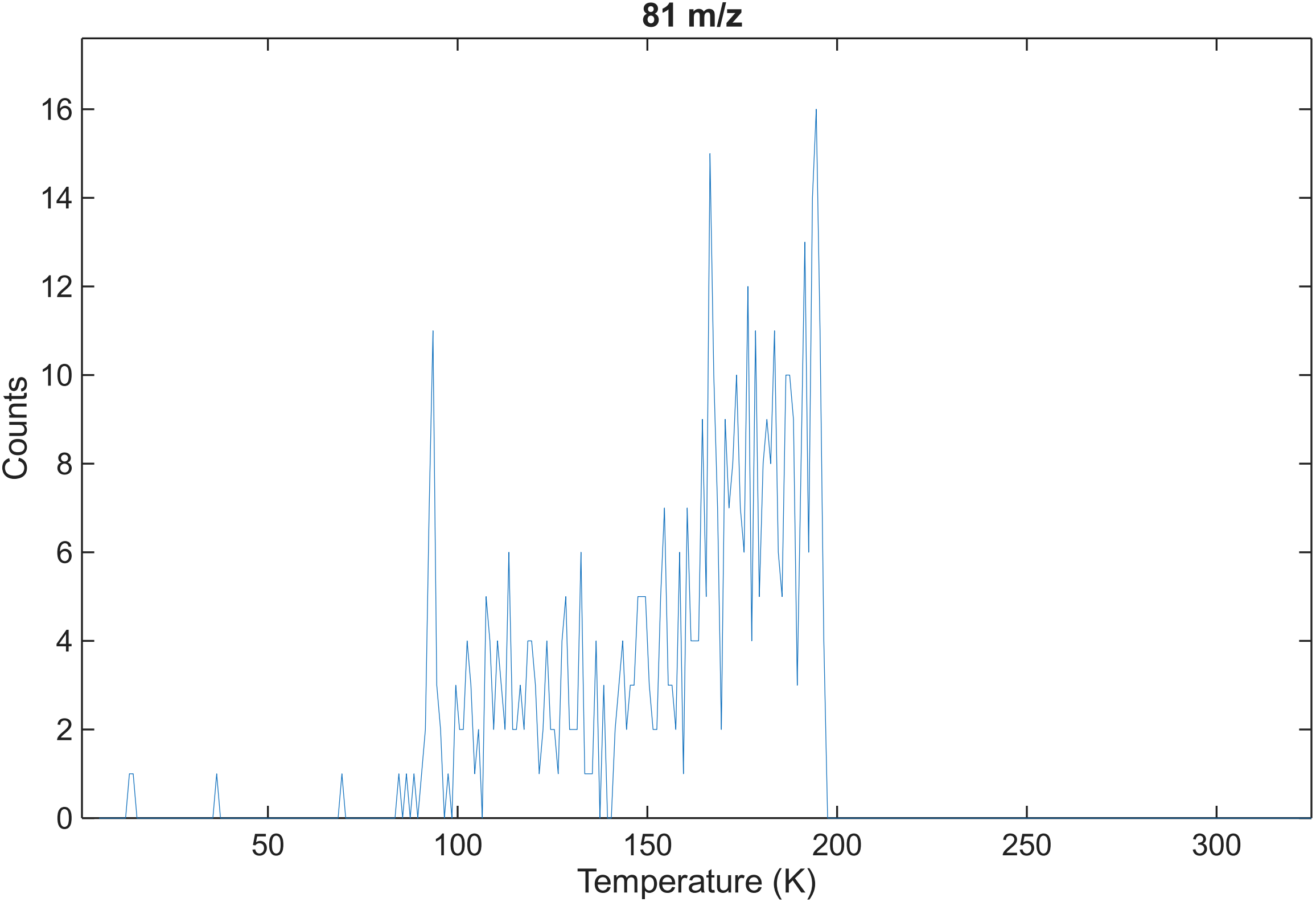

76 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

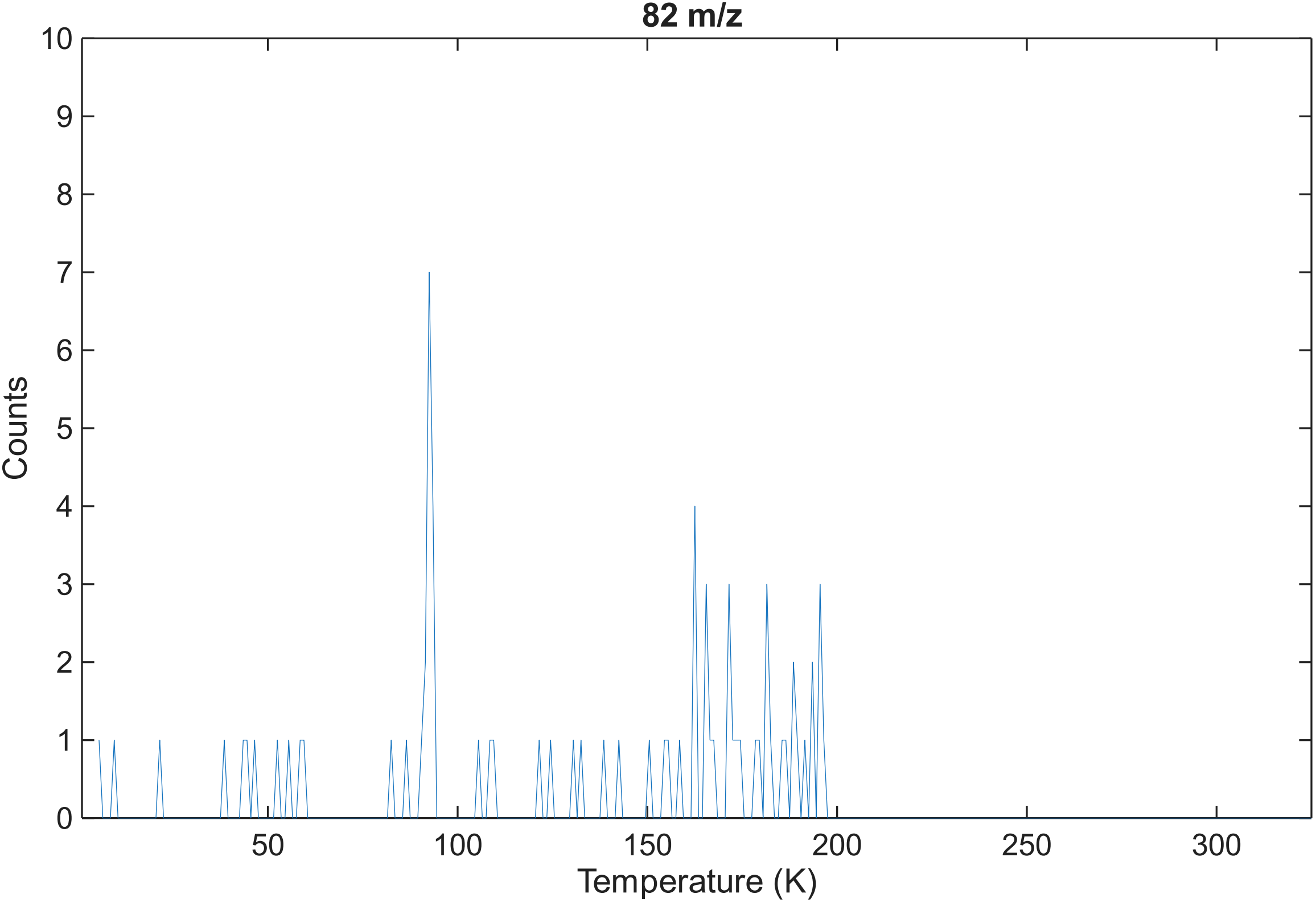

77 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

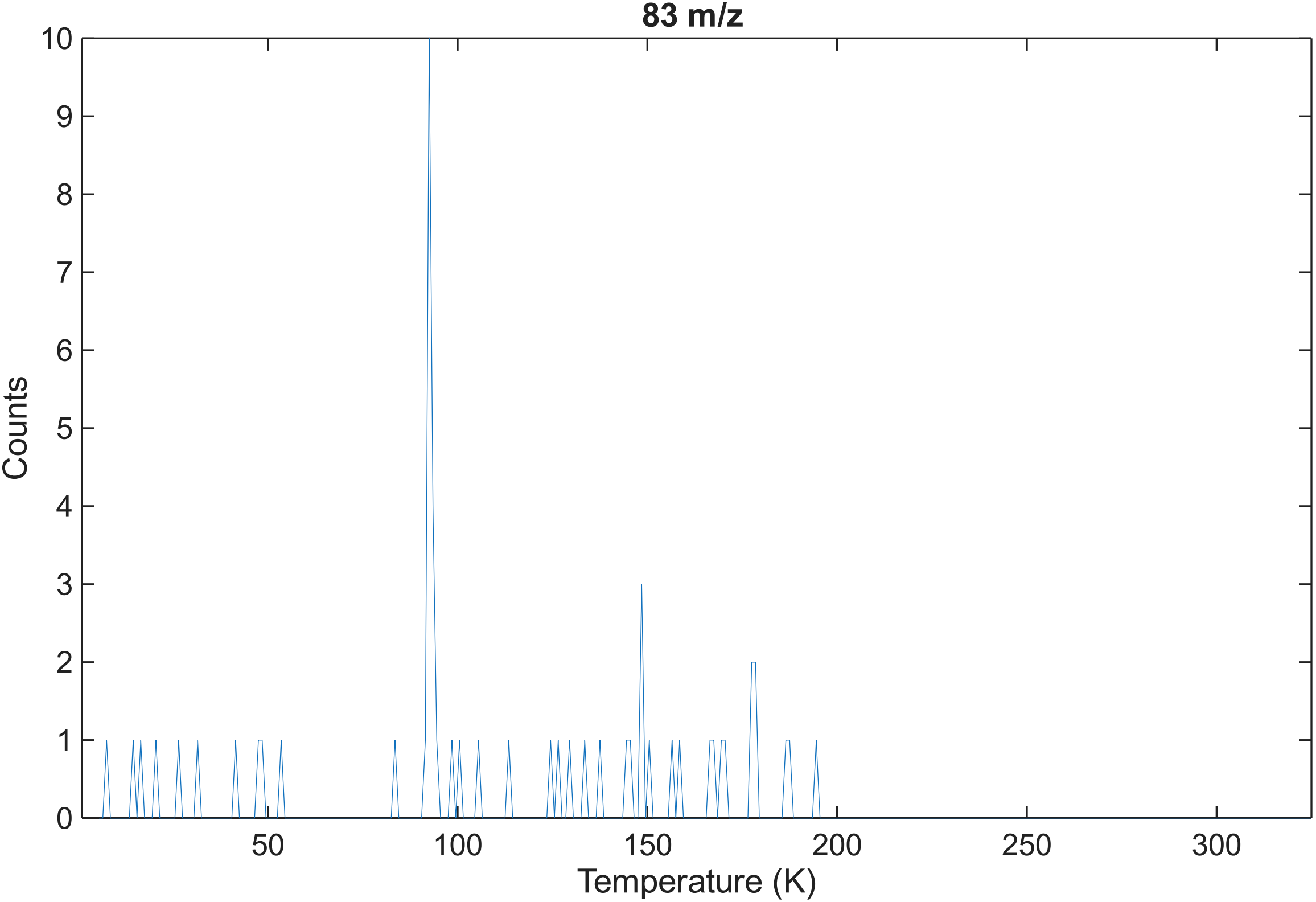

78 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

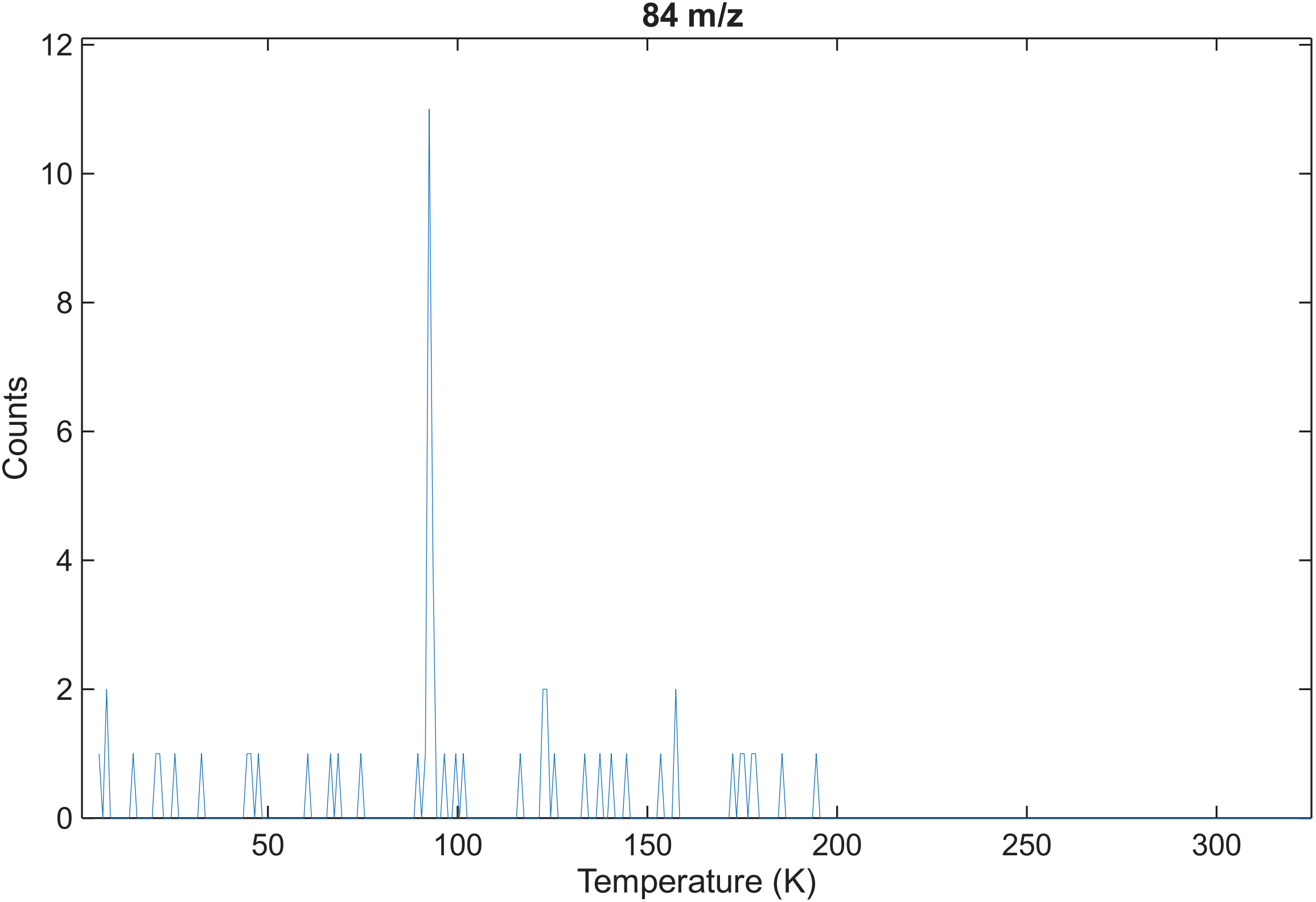

79 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

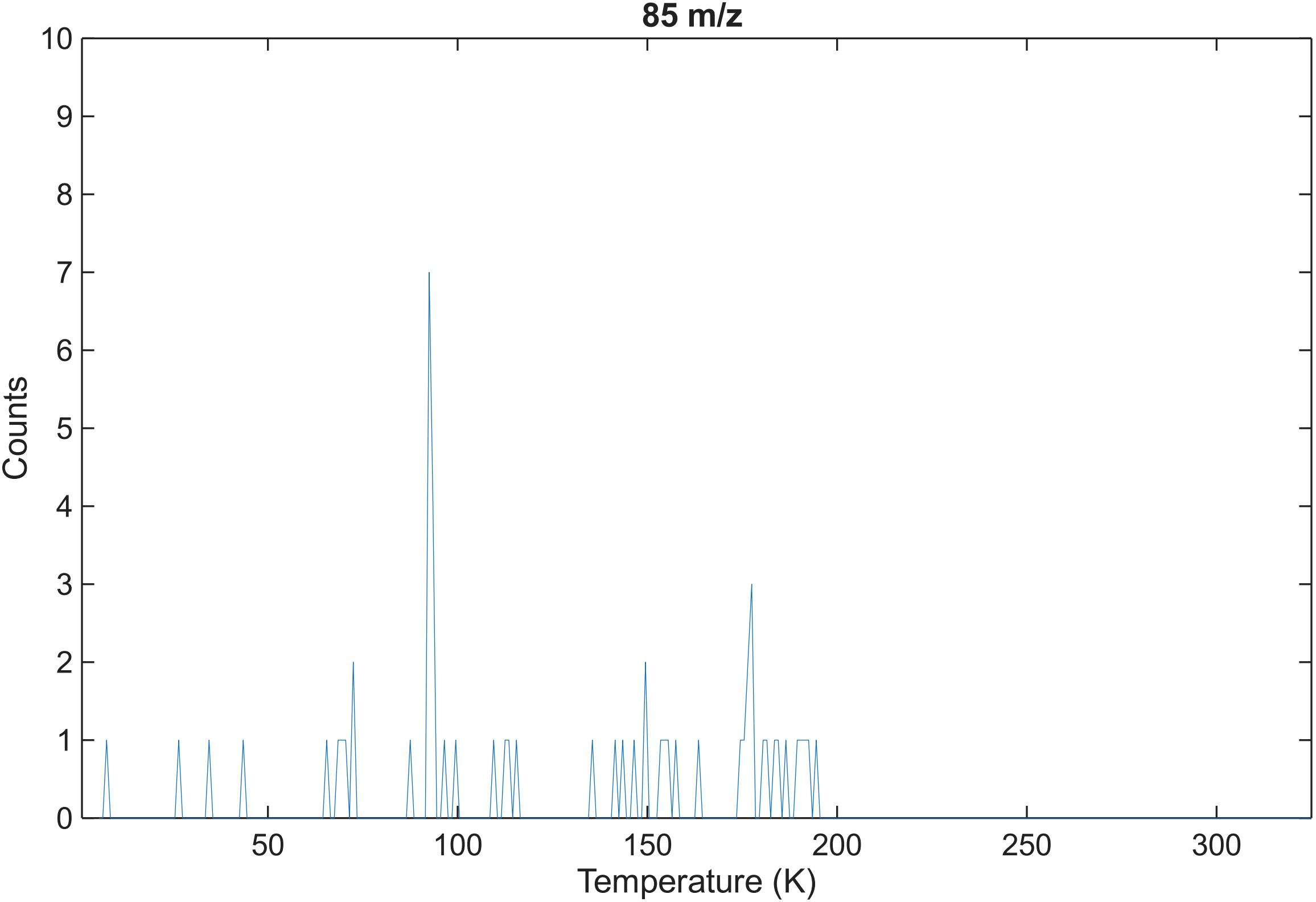

80 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

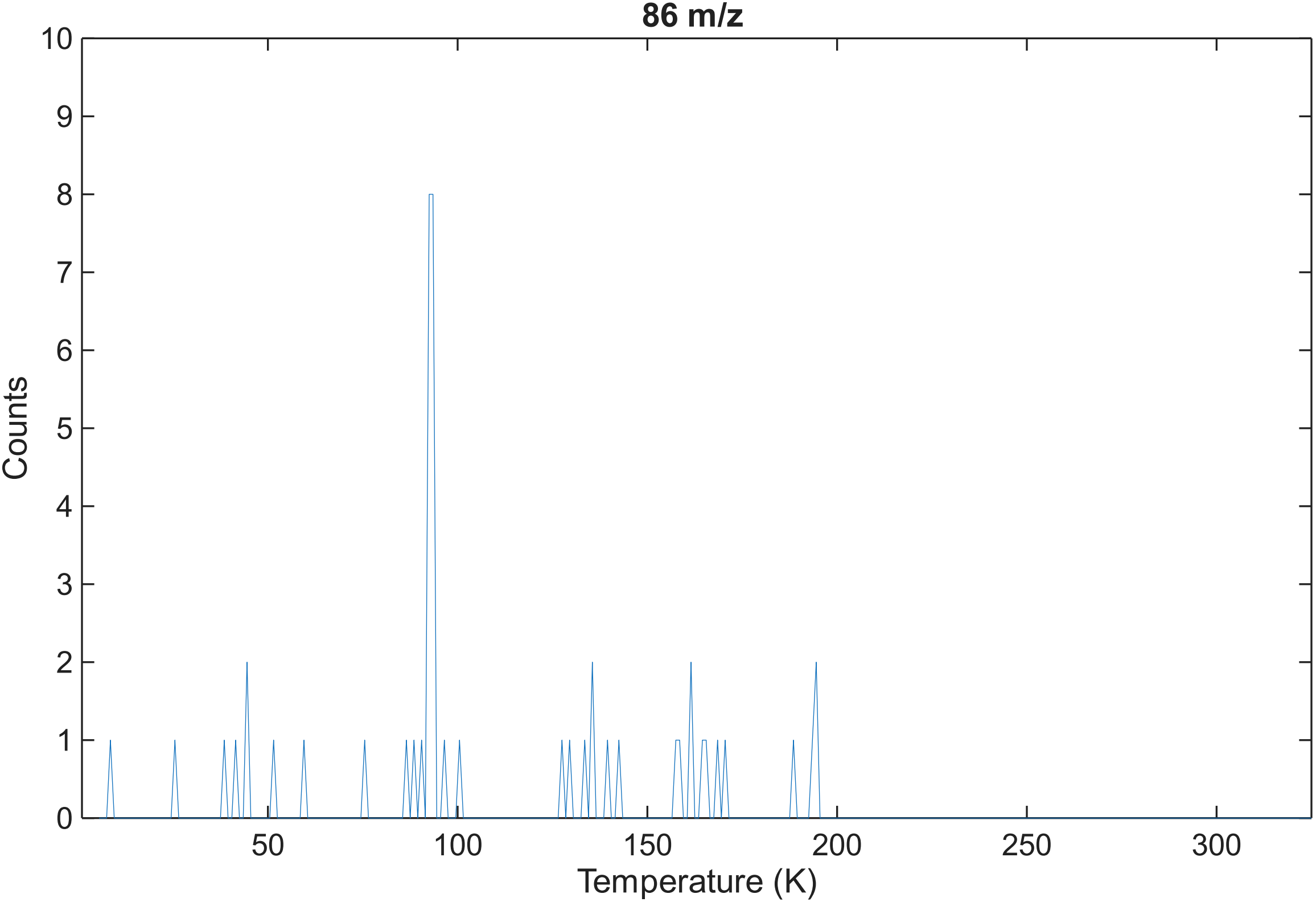

81 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

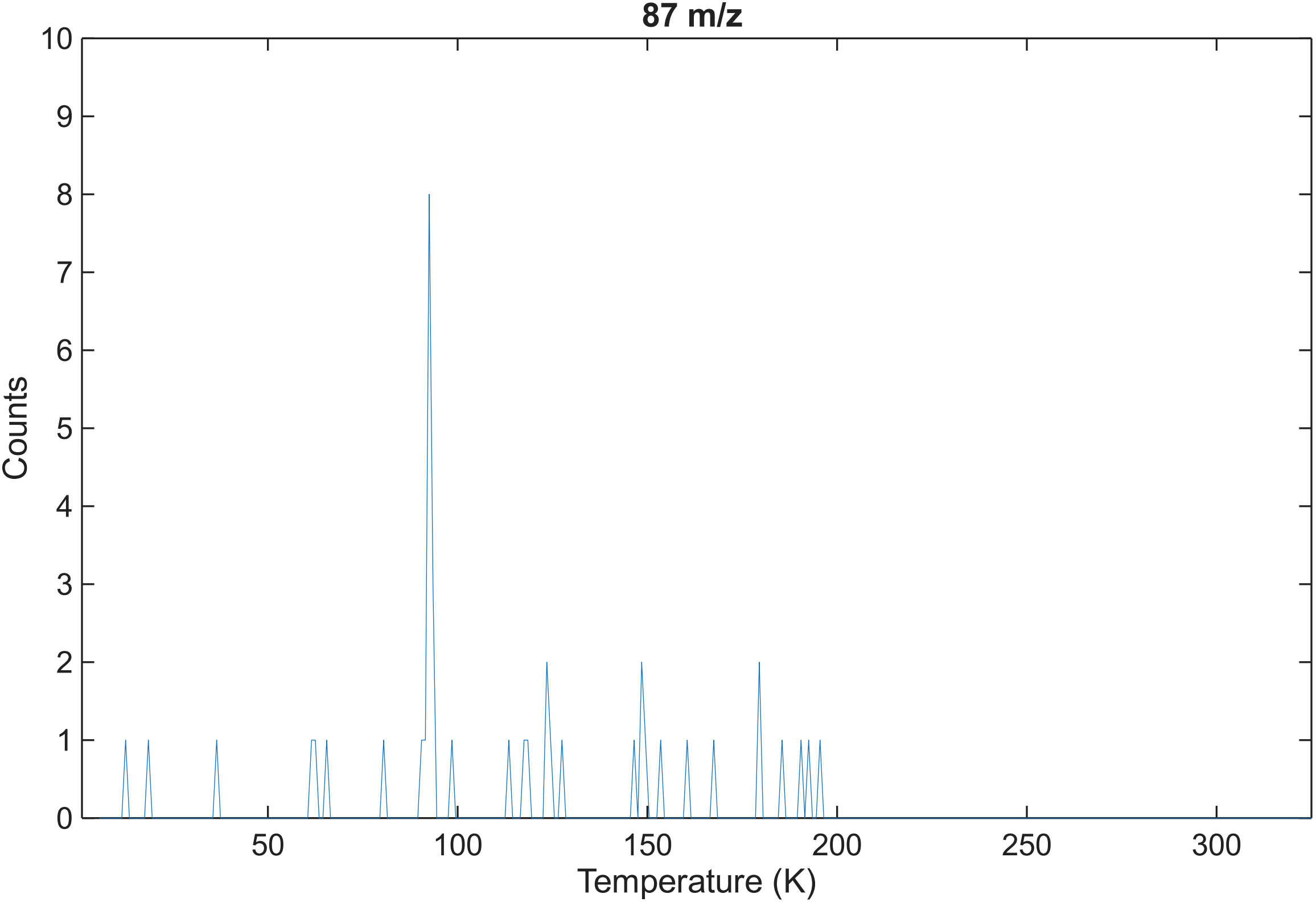

82 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

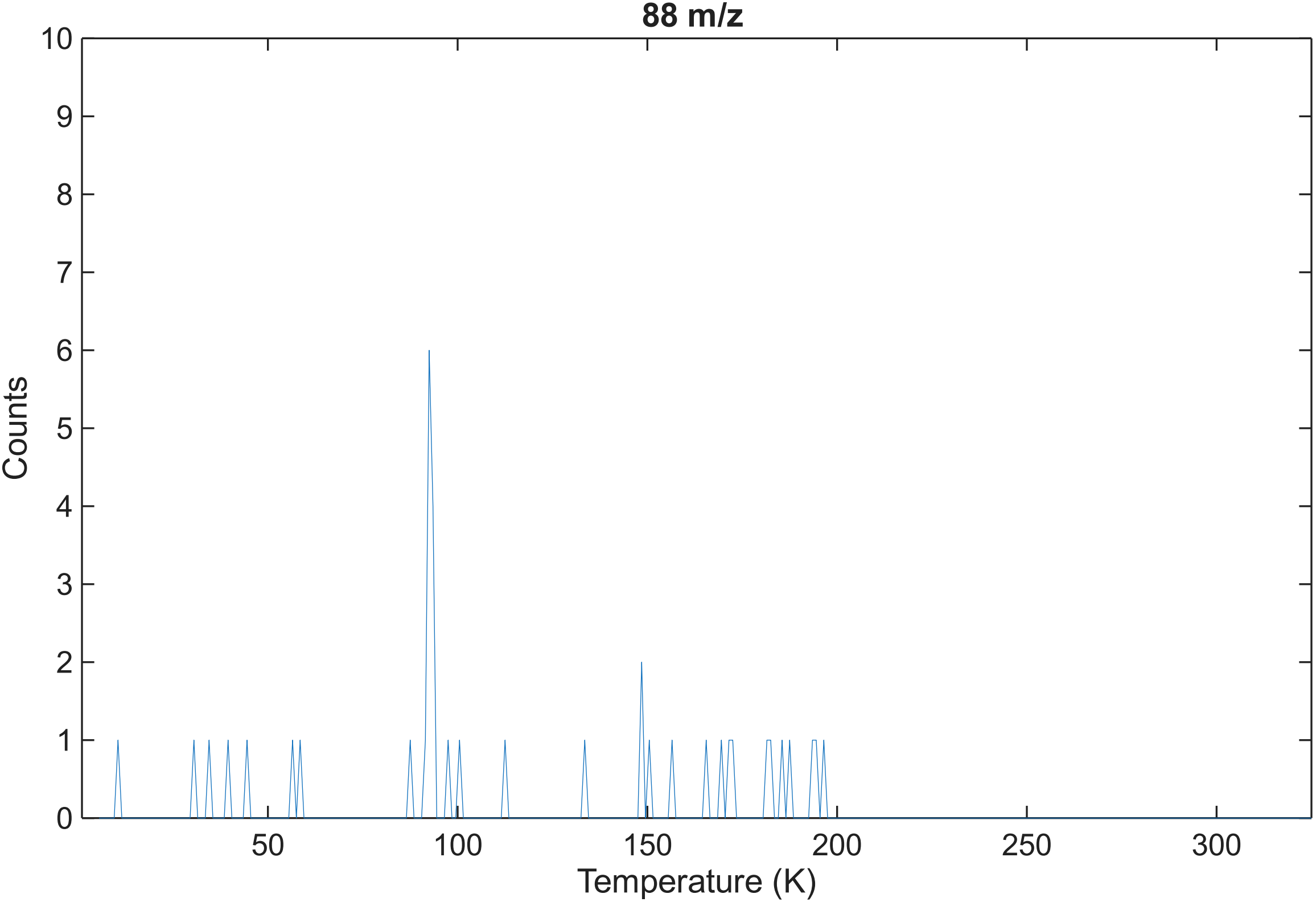

83 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

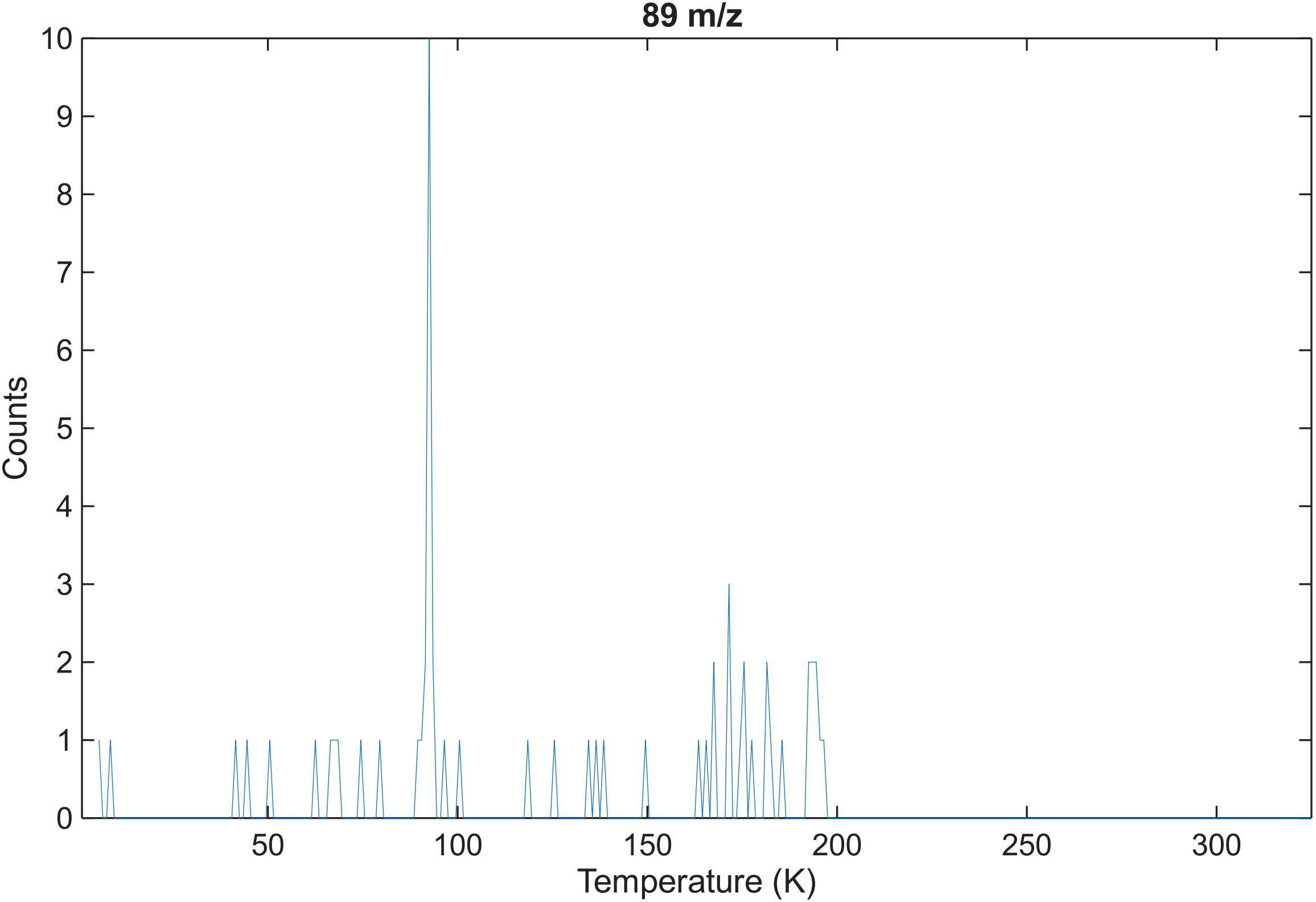

84 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

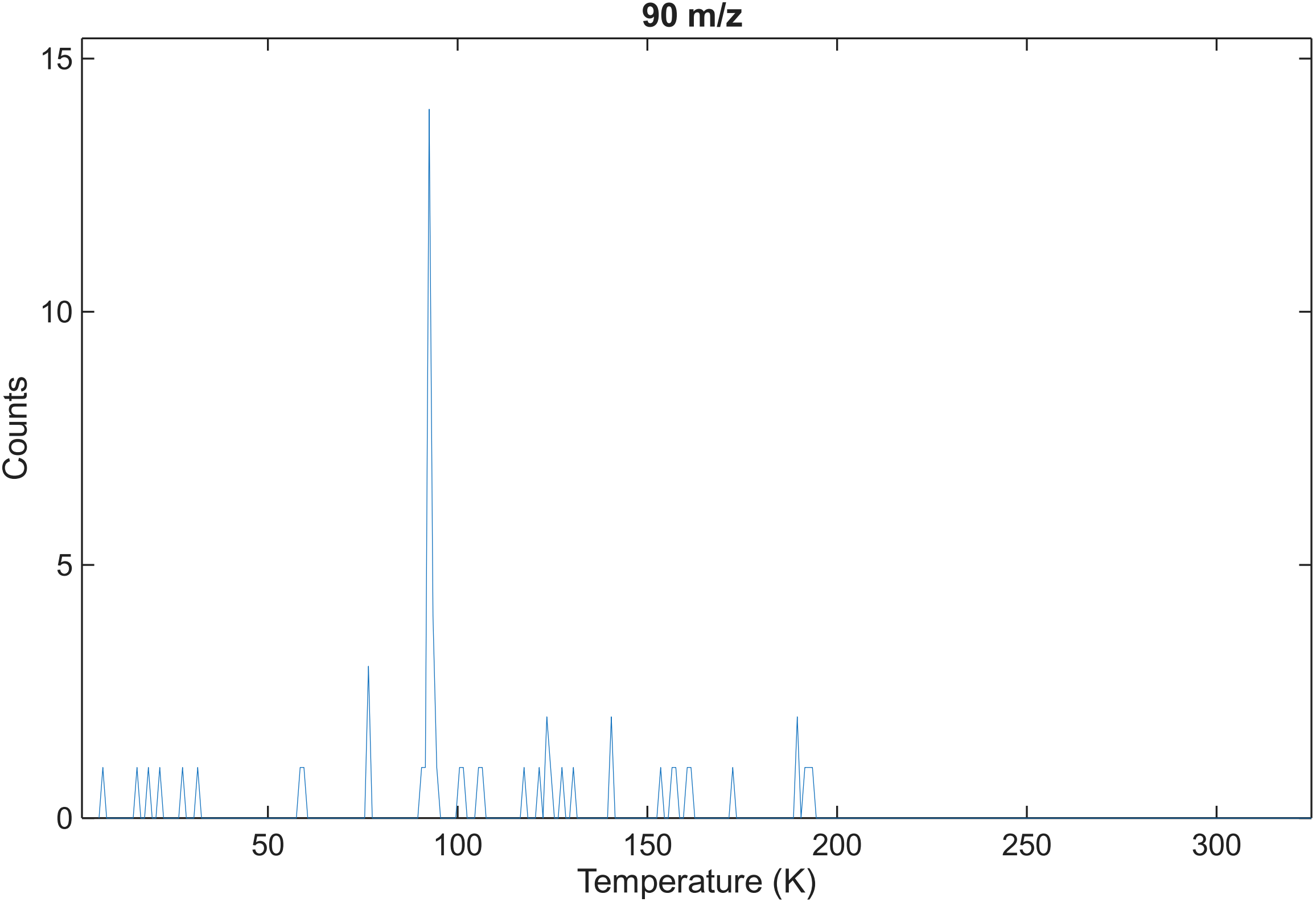

85 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

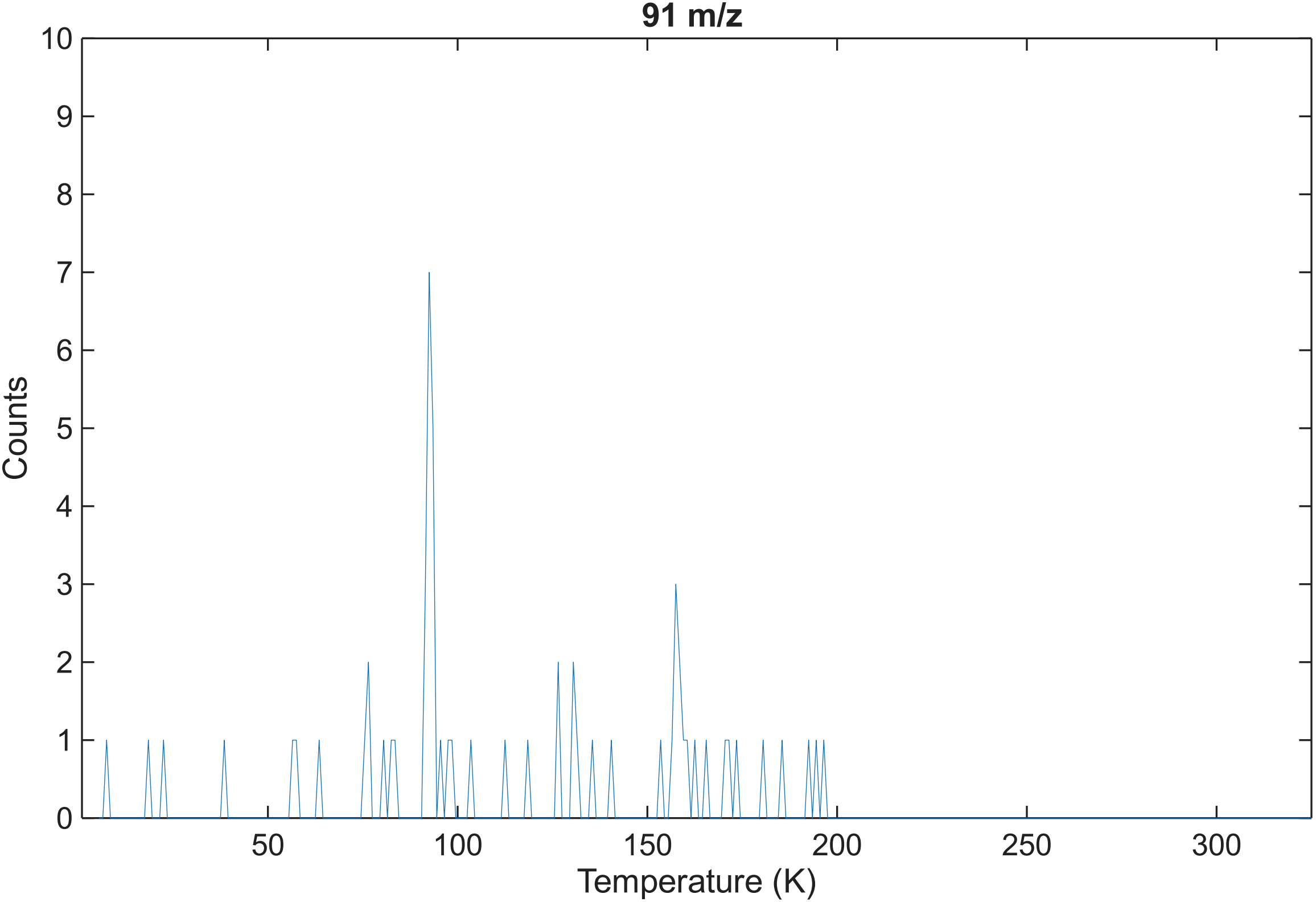

86 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

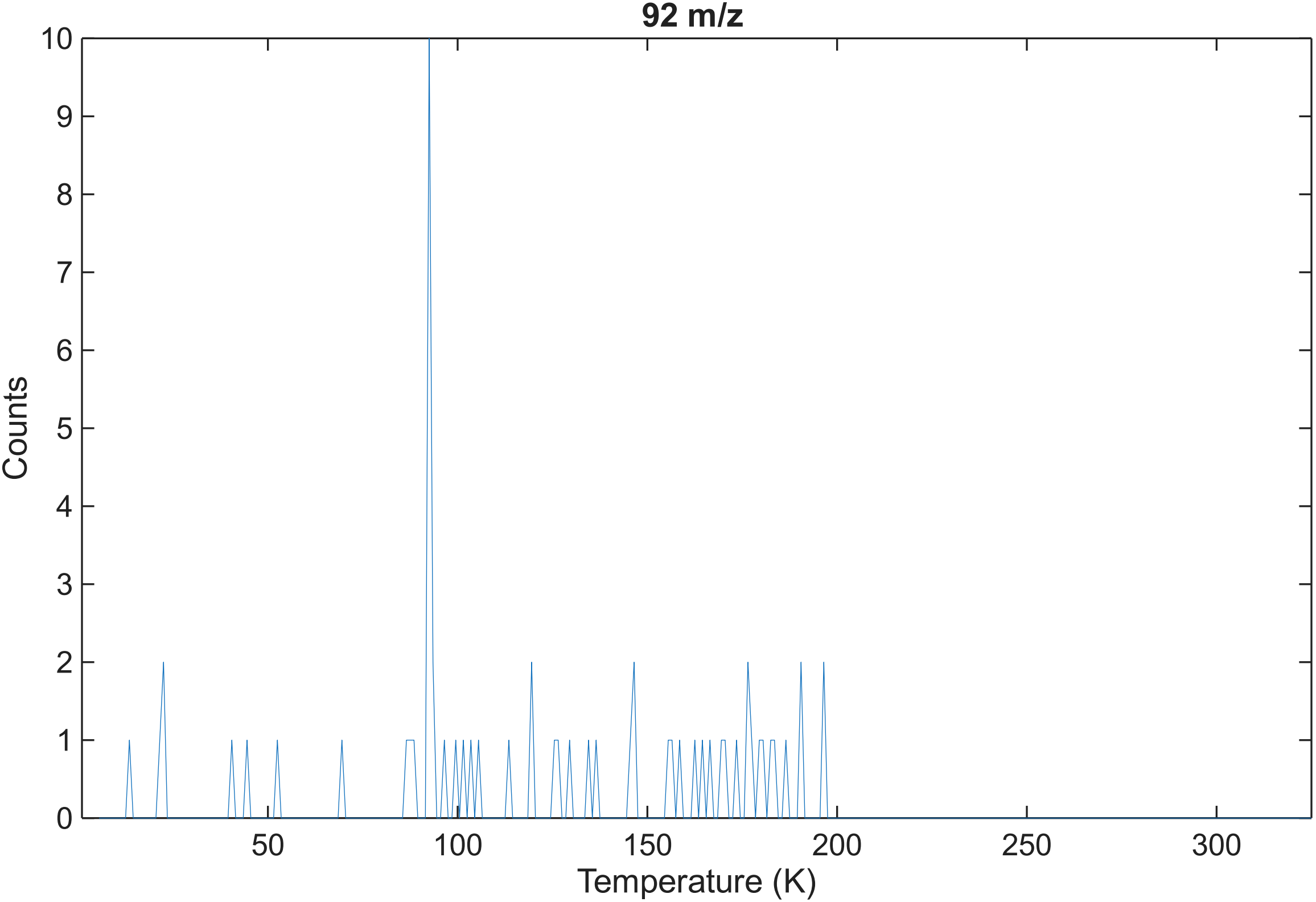

87 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

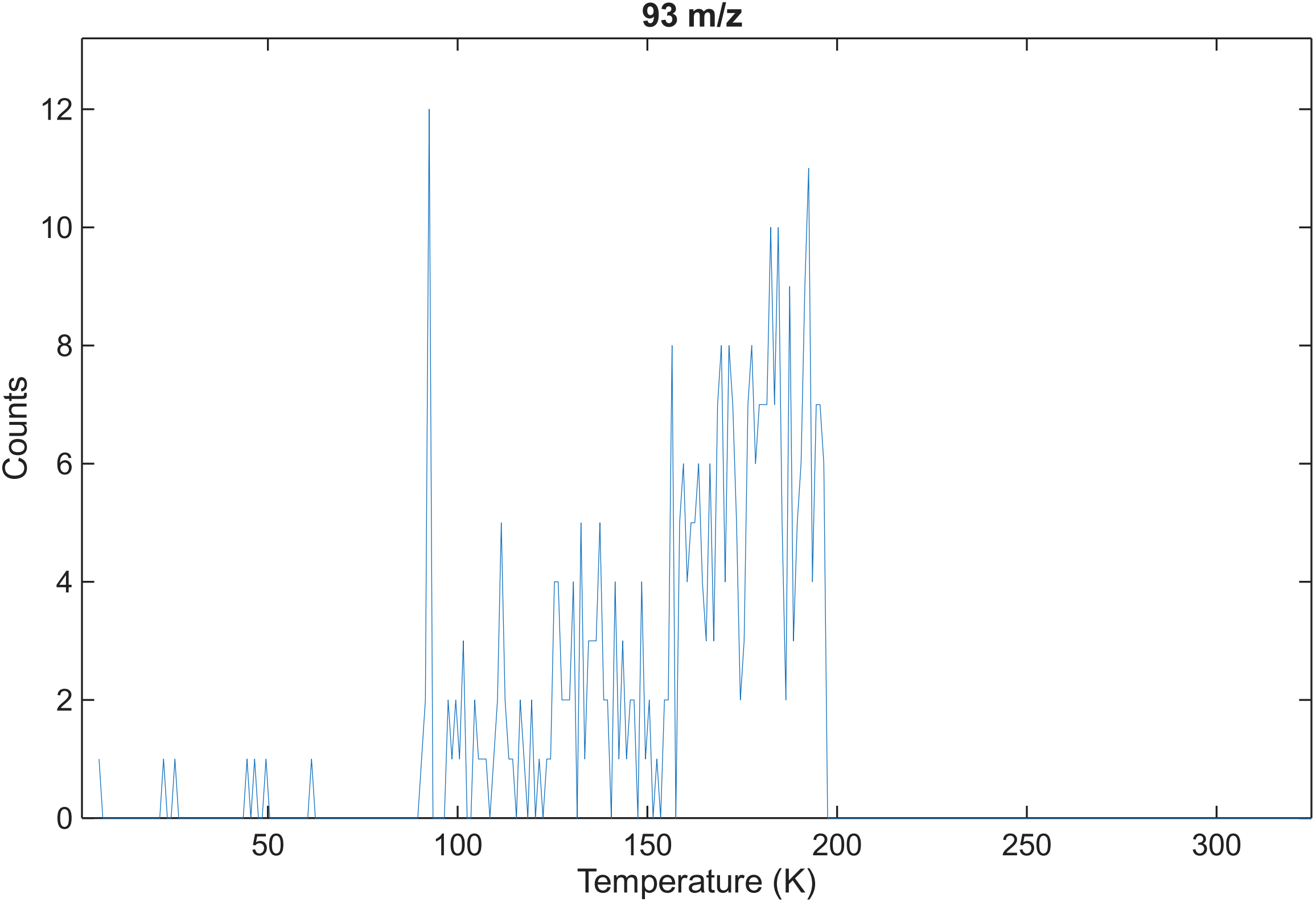

88 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

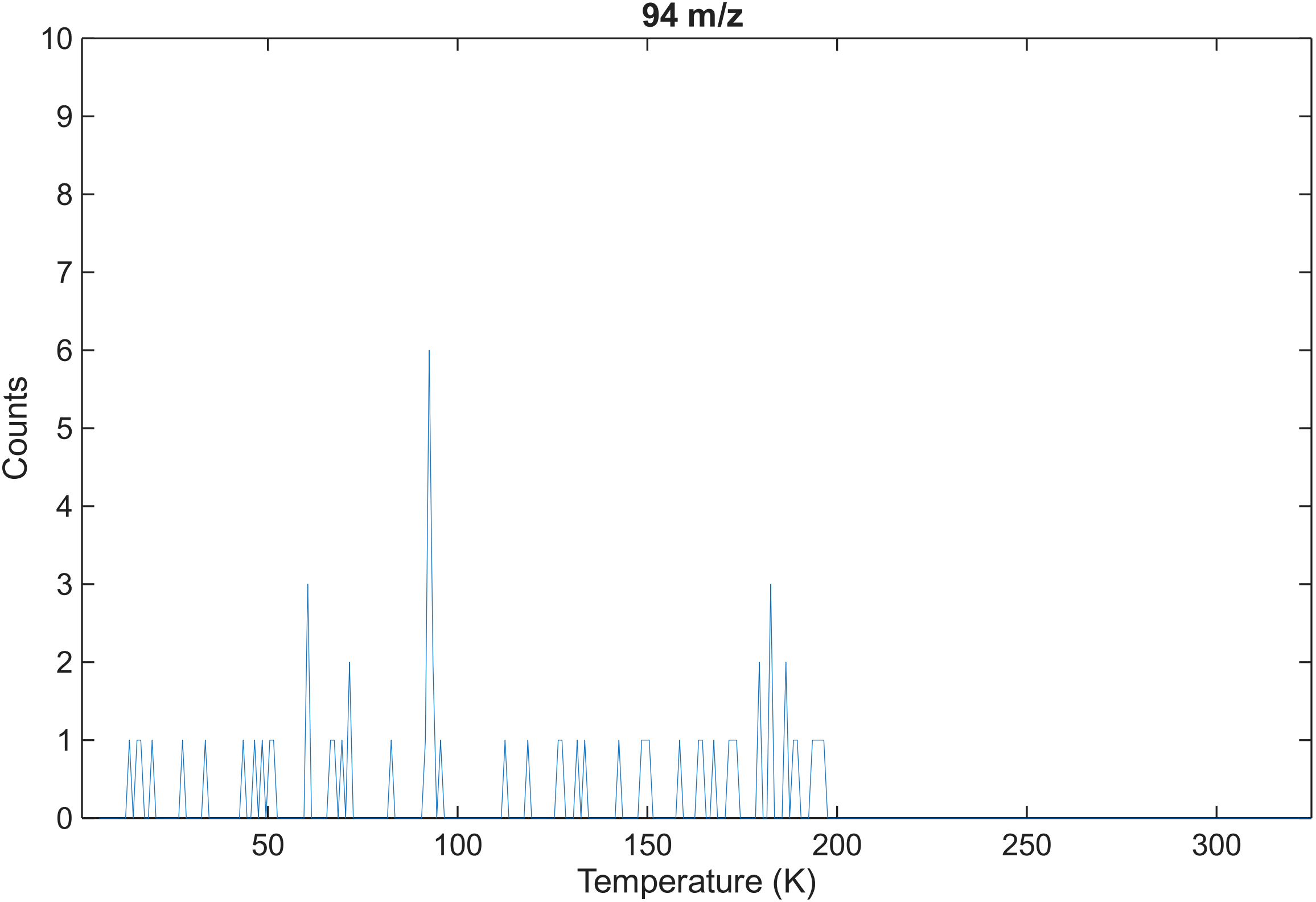

89 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

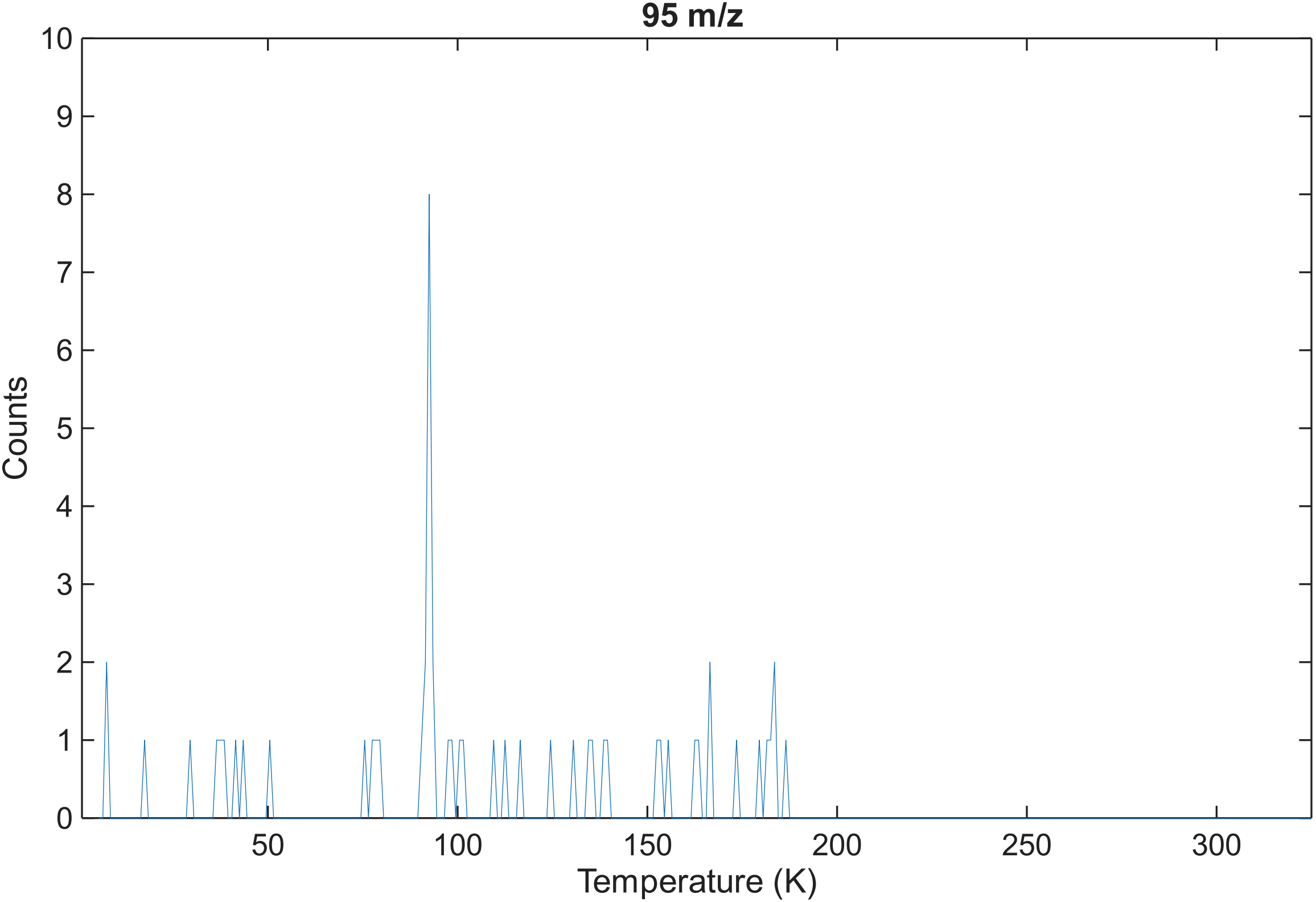

90 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

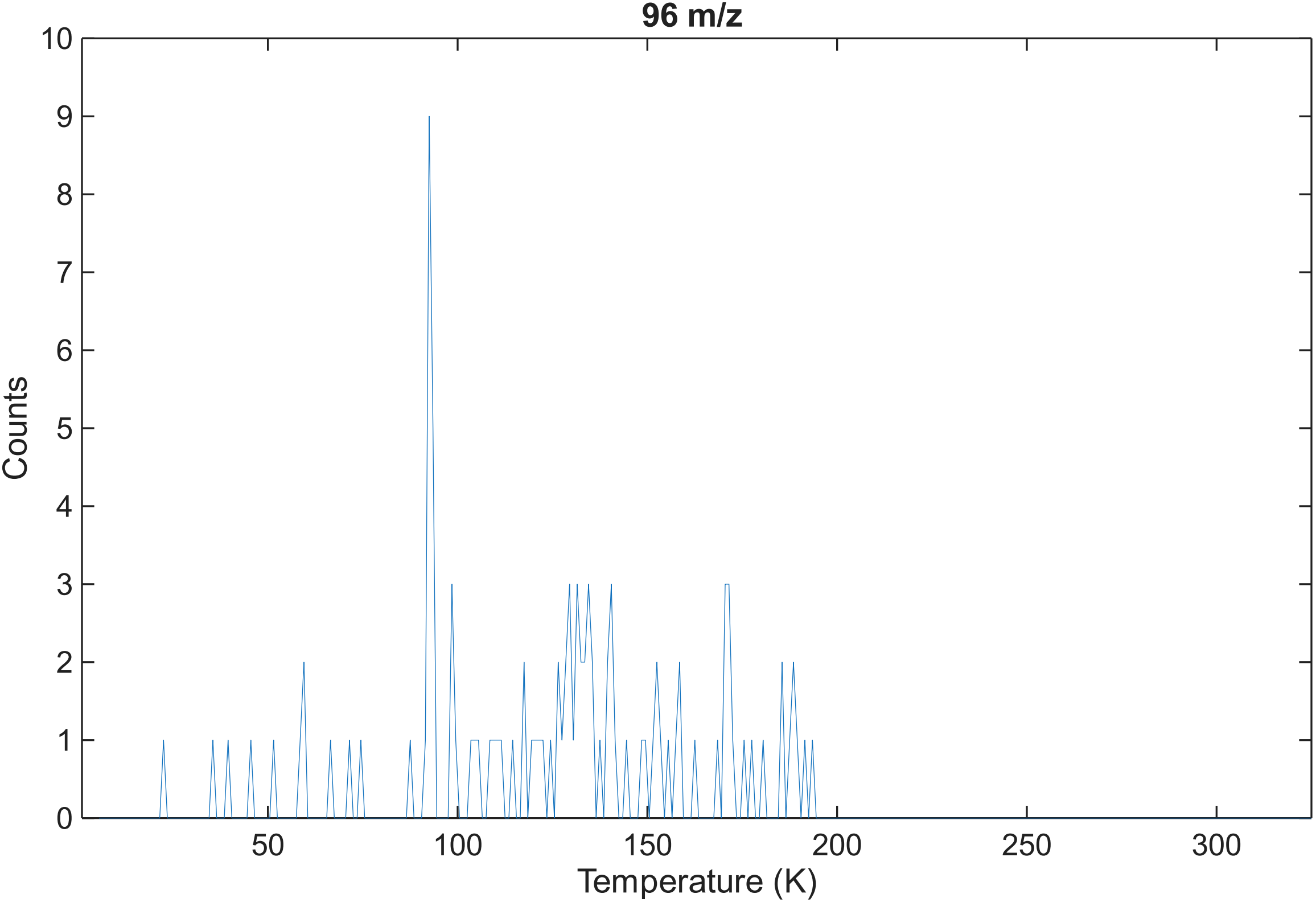

91 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

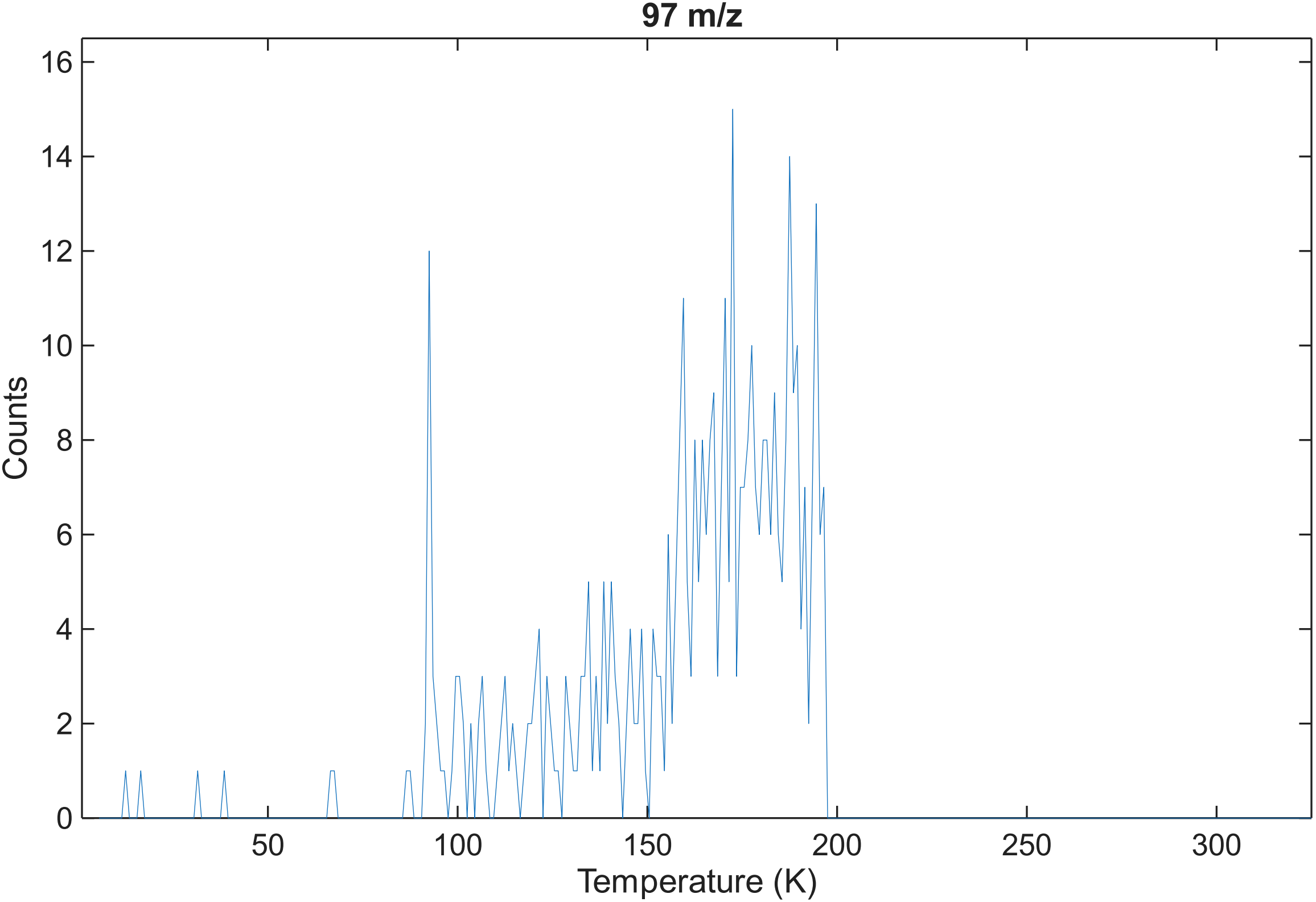

92 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

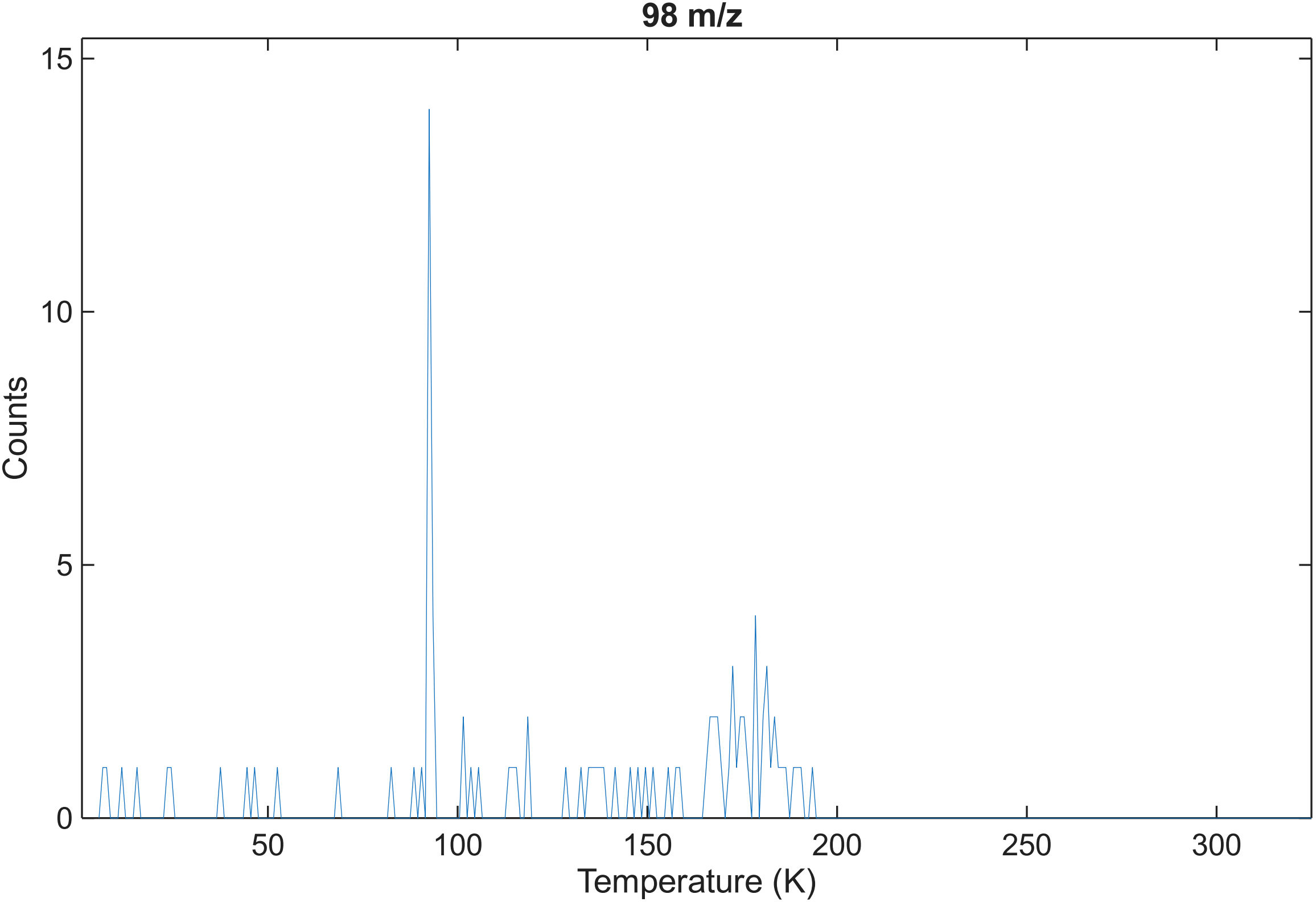

93 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

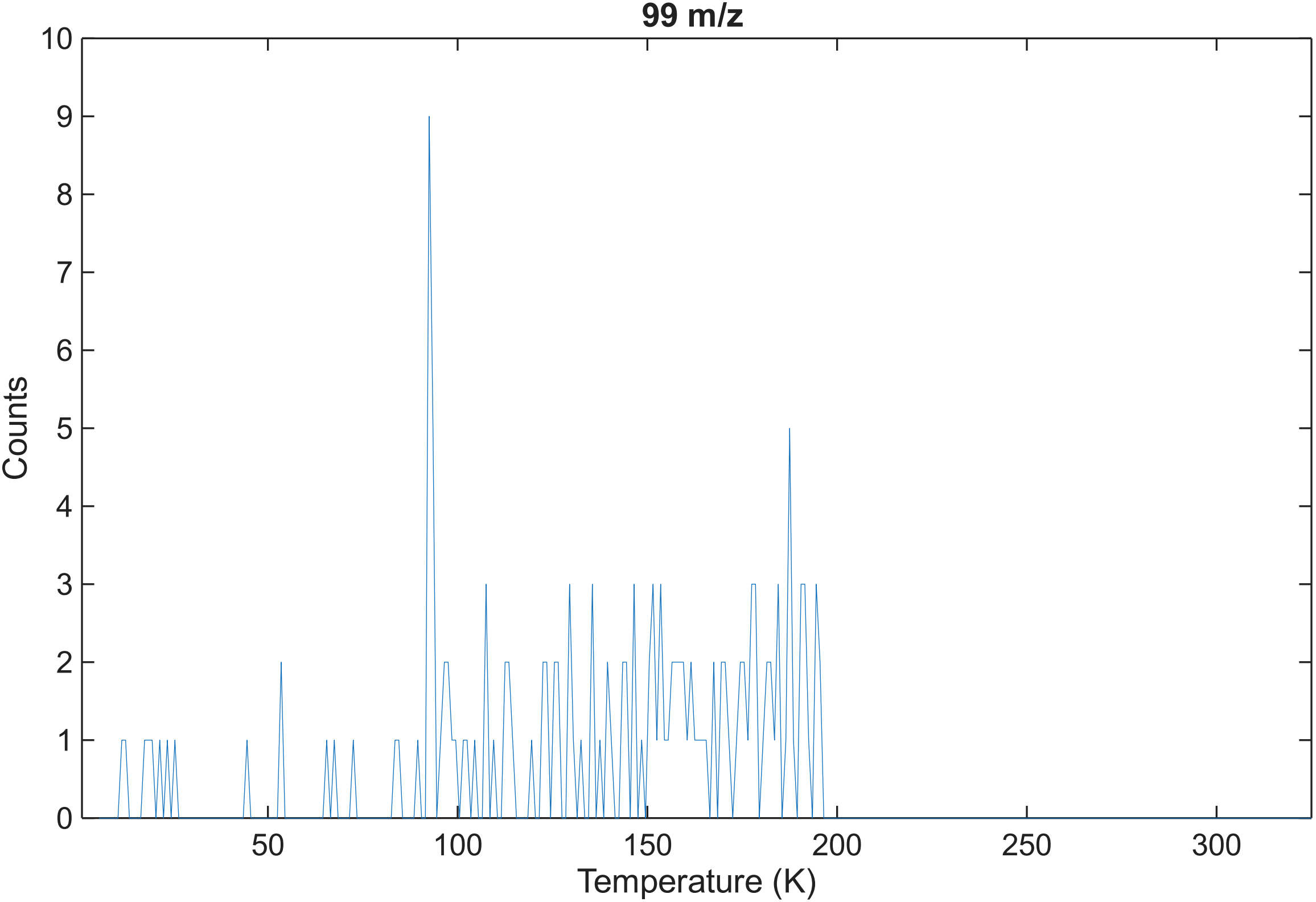

94 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

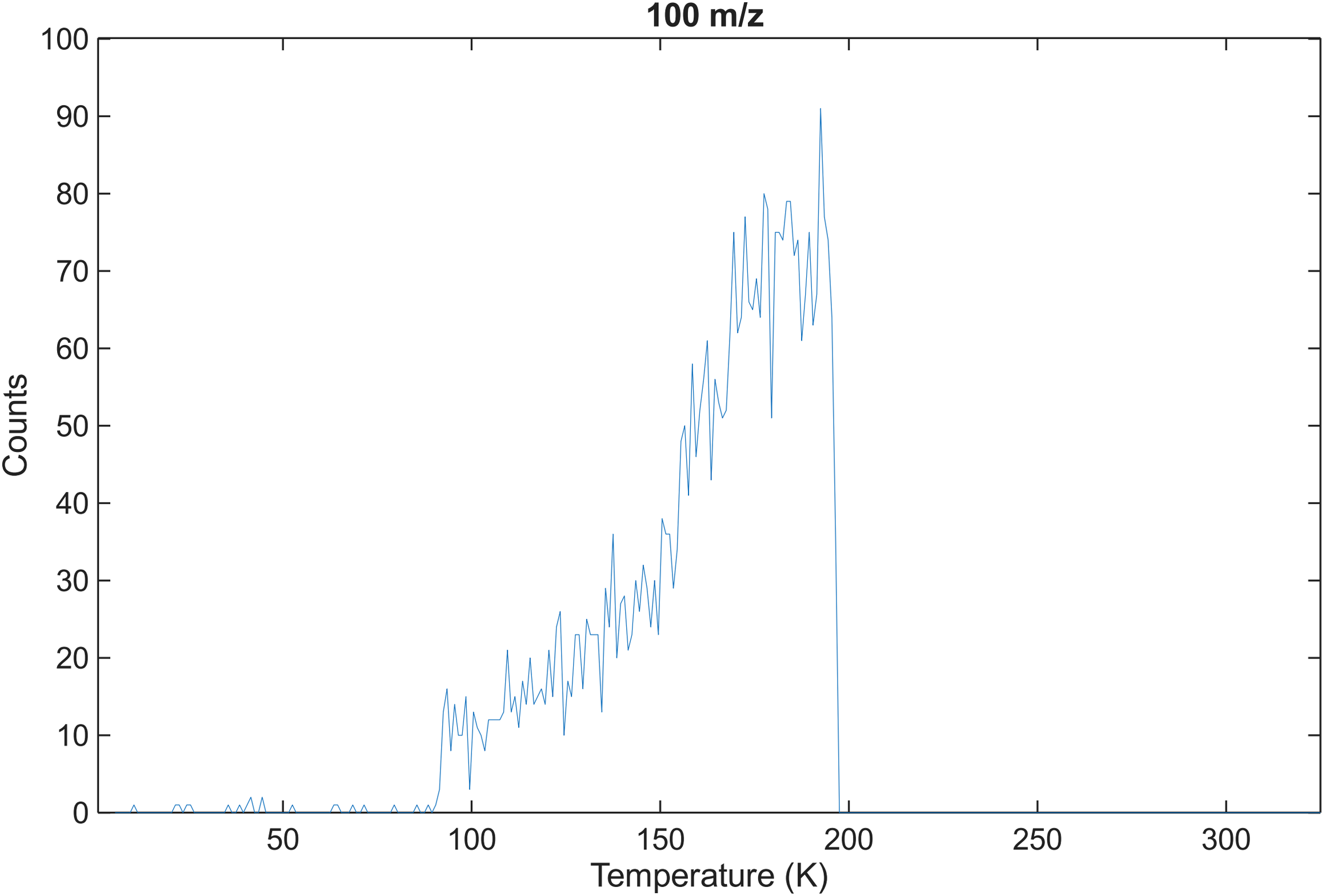

95 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

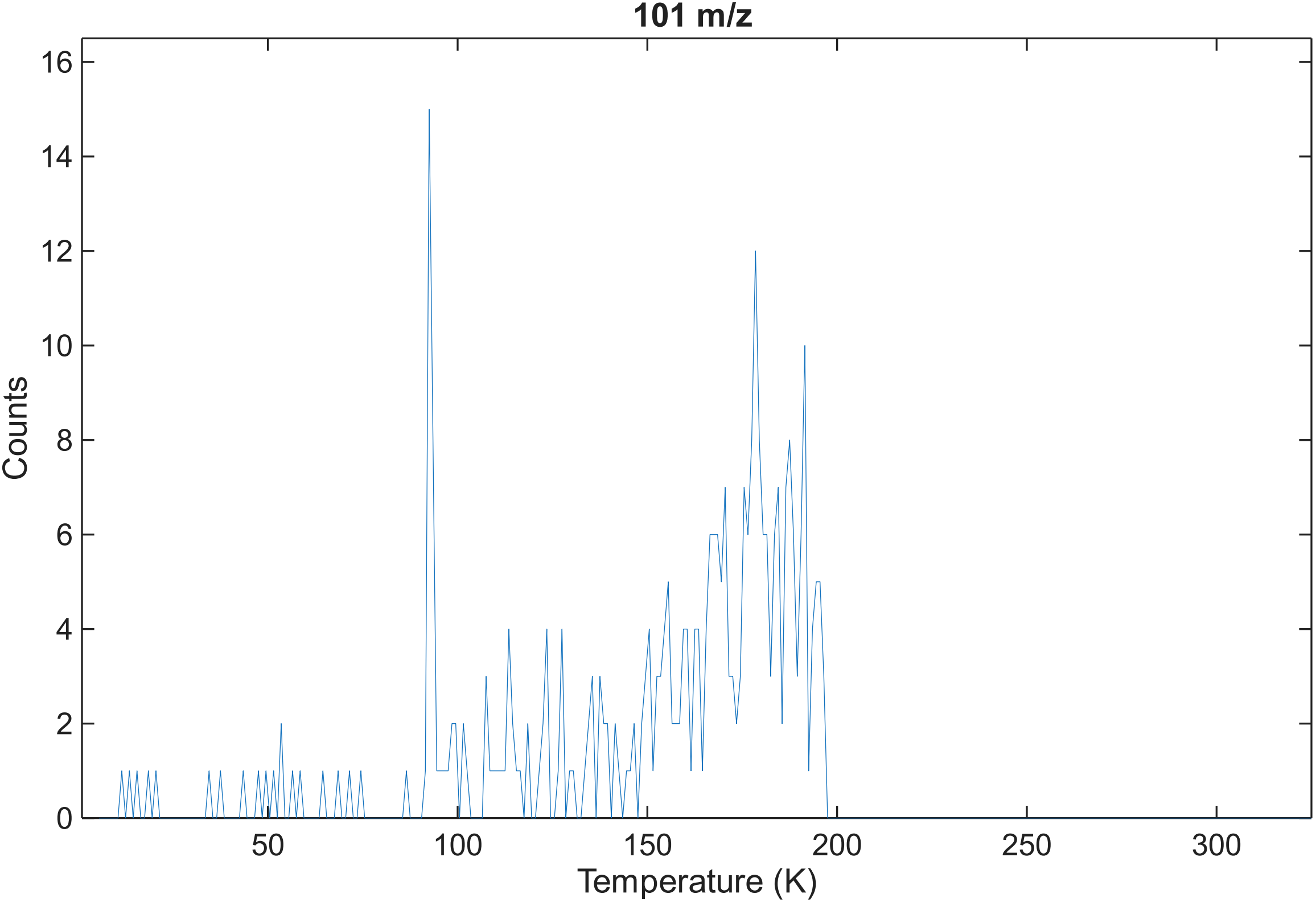

96 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

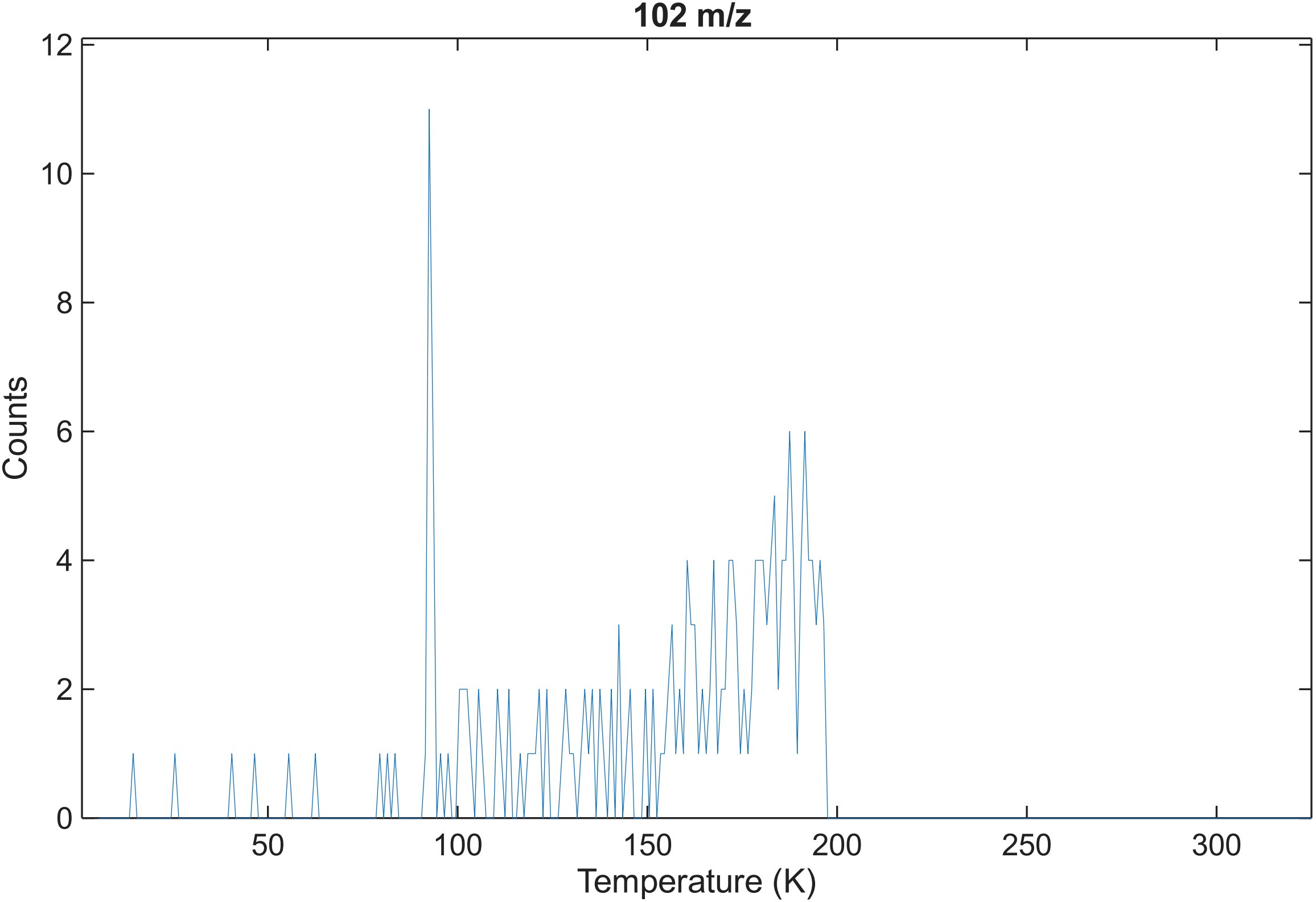

97 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

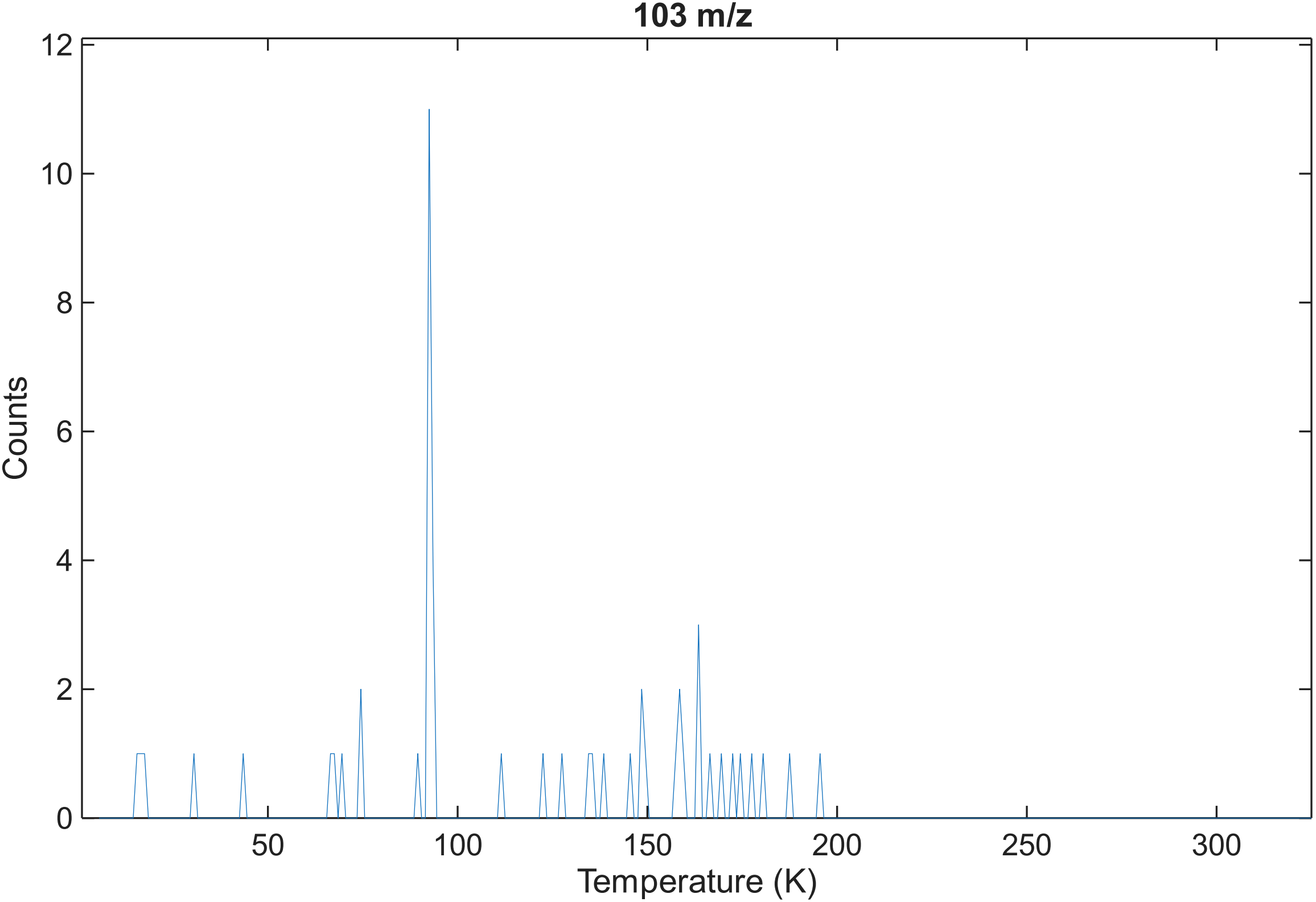

98 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

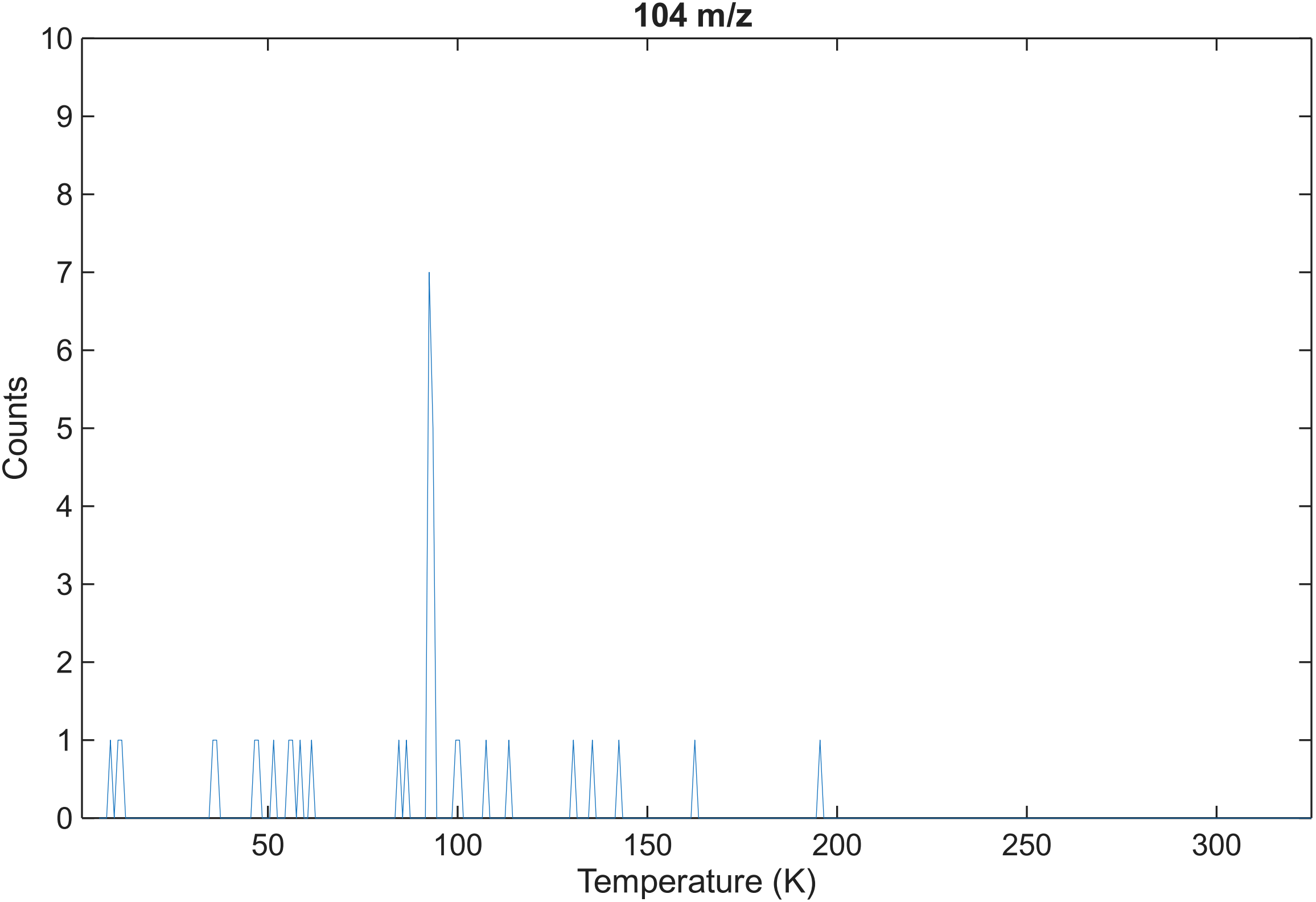

99 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

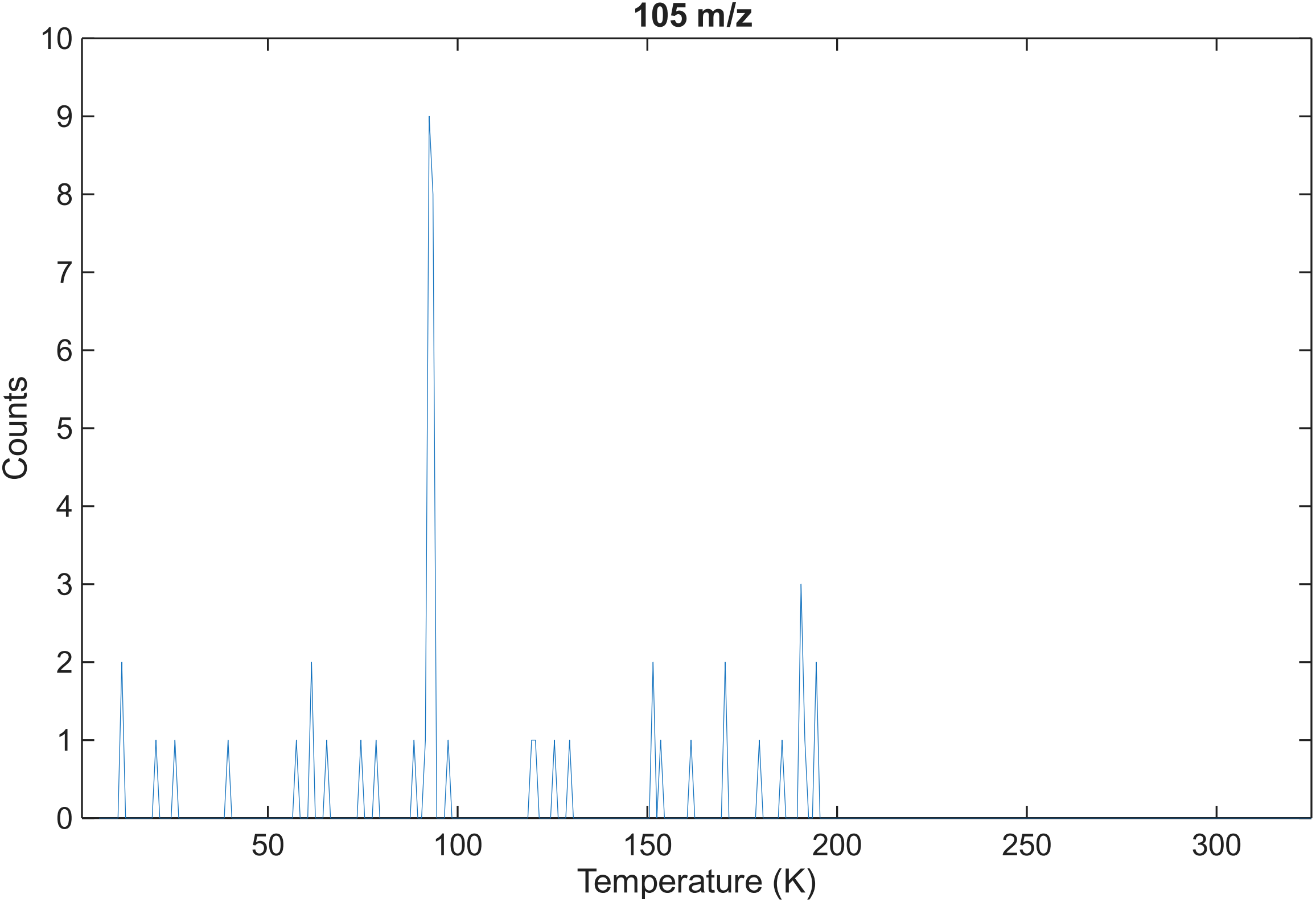

100 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
70
80
90
100
50
100
150
200
250
300

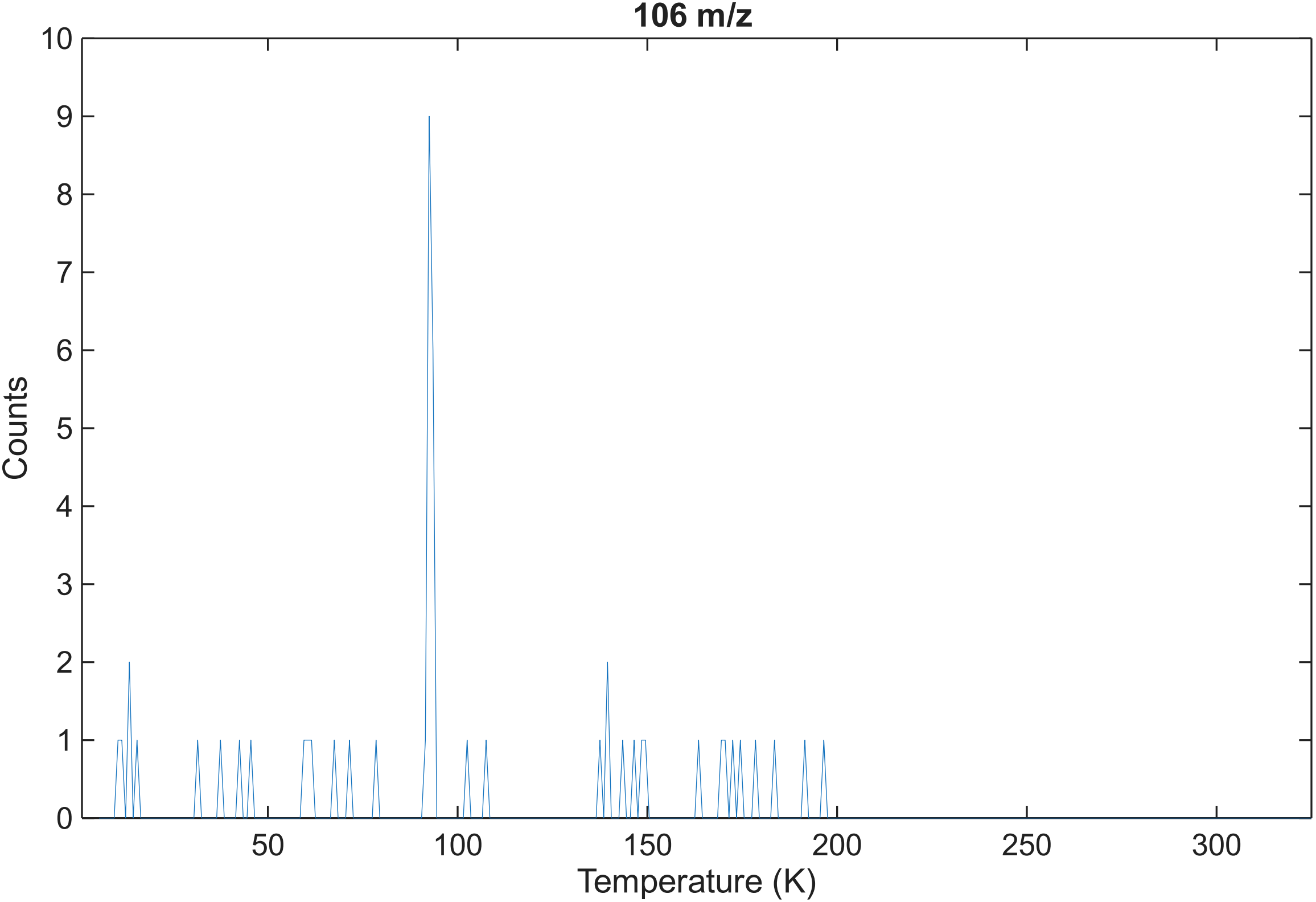

101 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

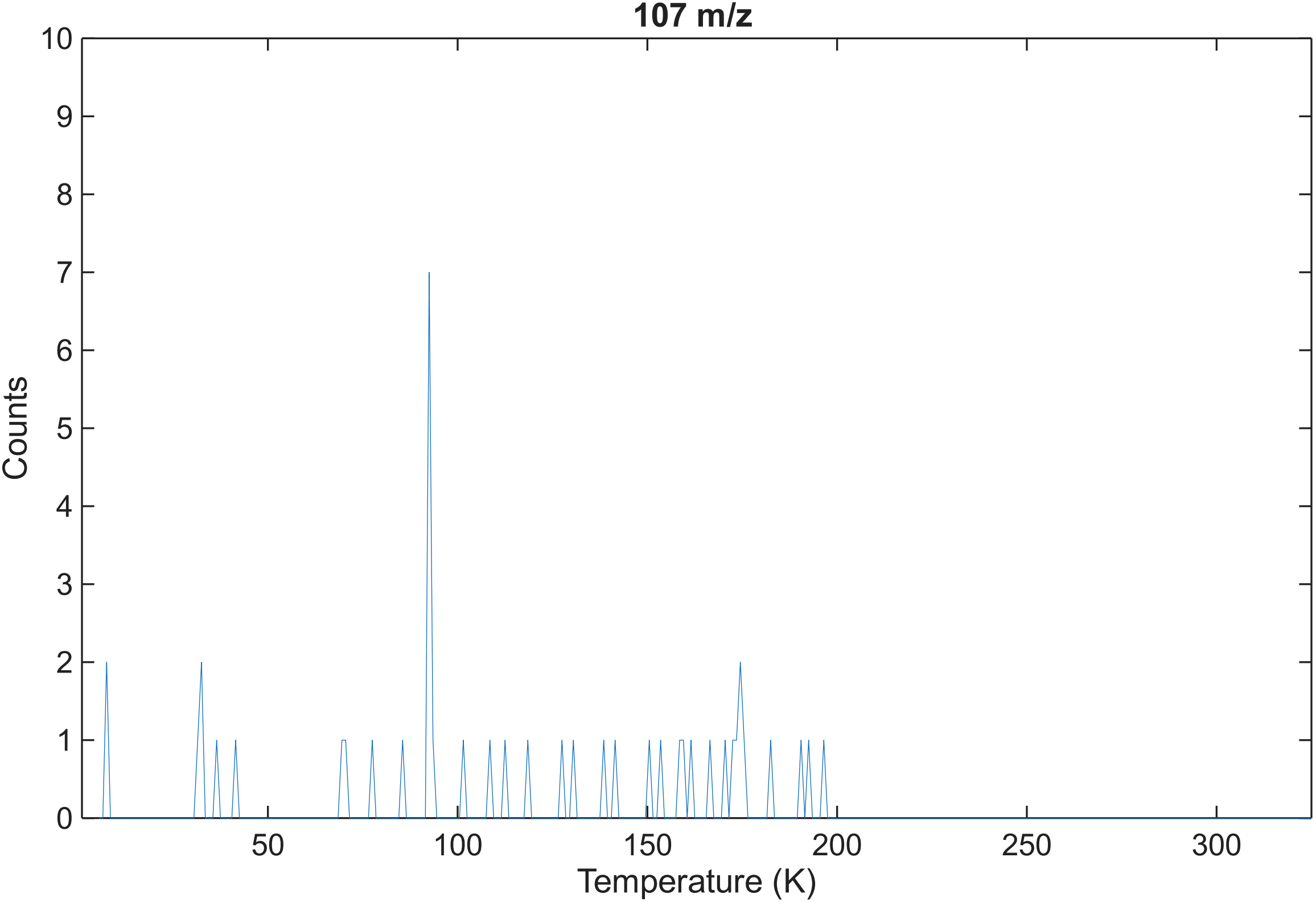

102 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

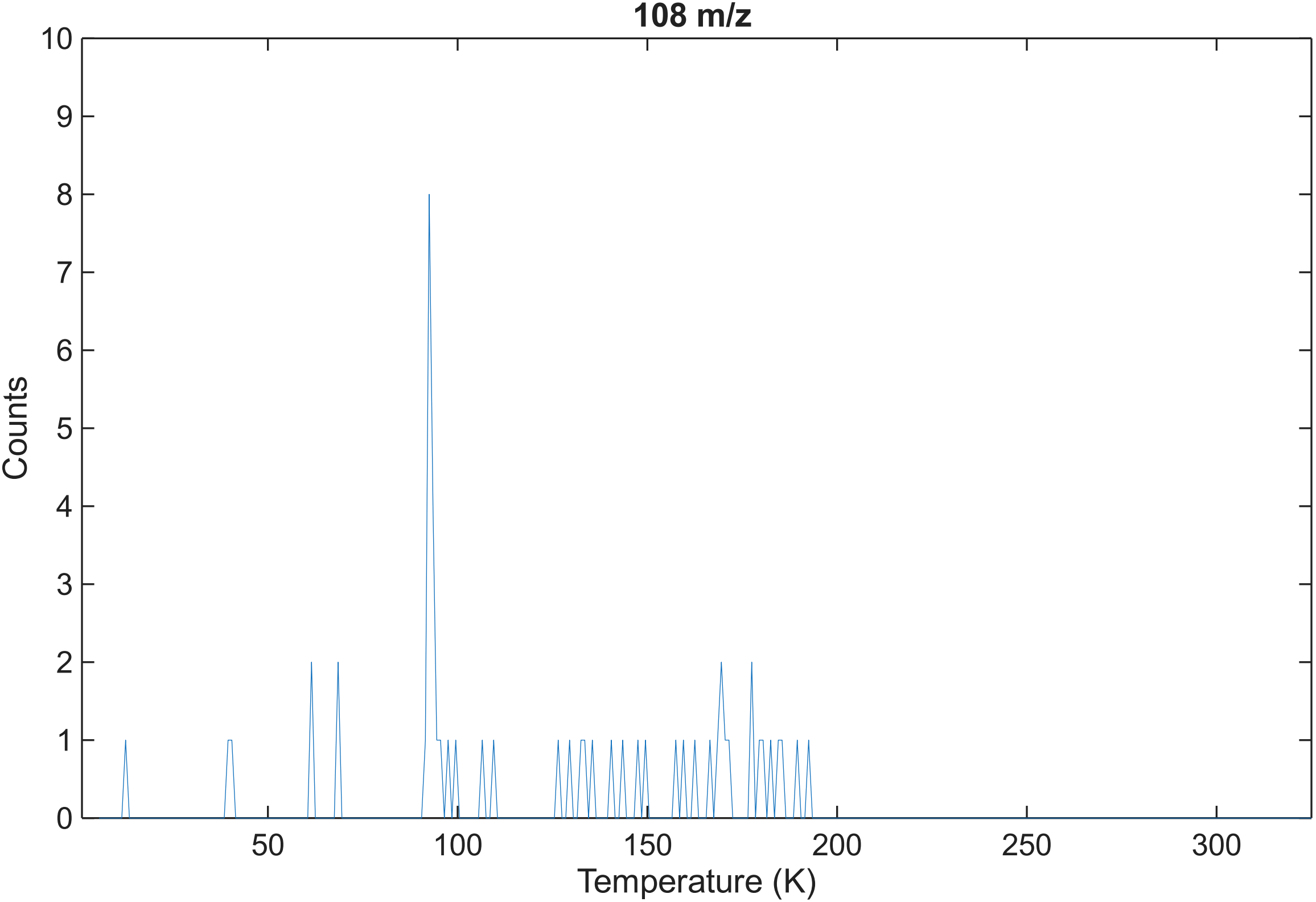

103 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

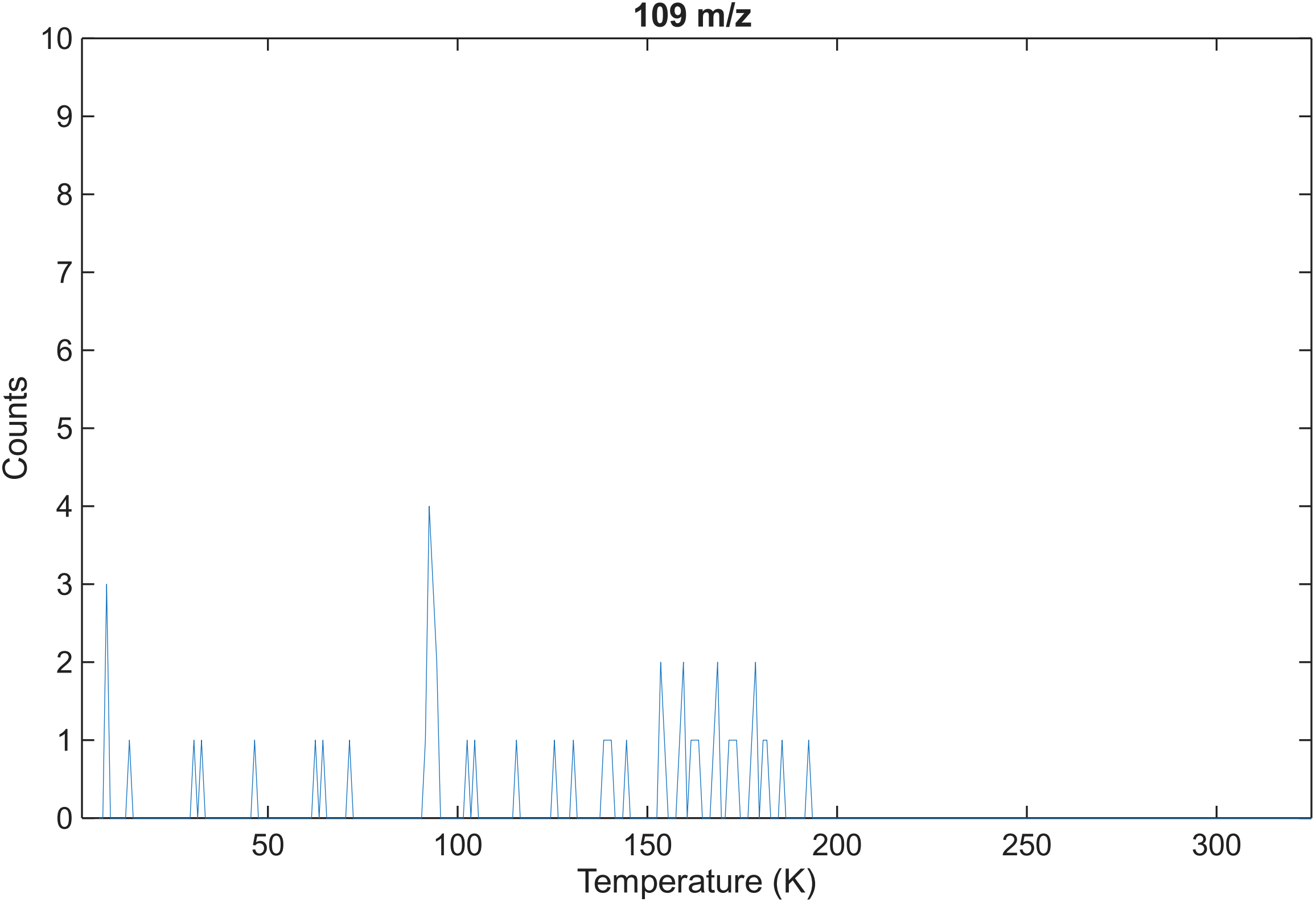

104 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

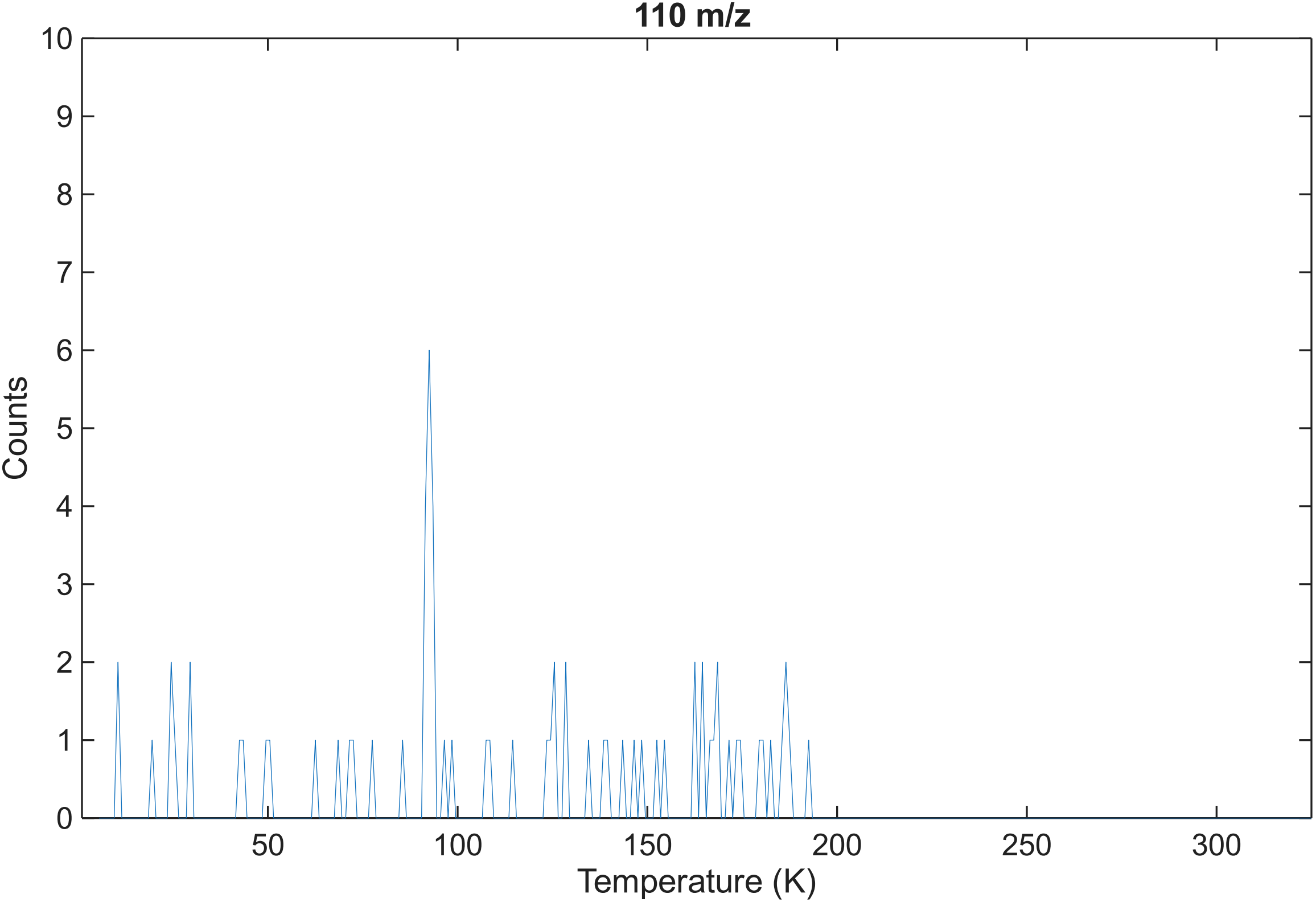

105 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

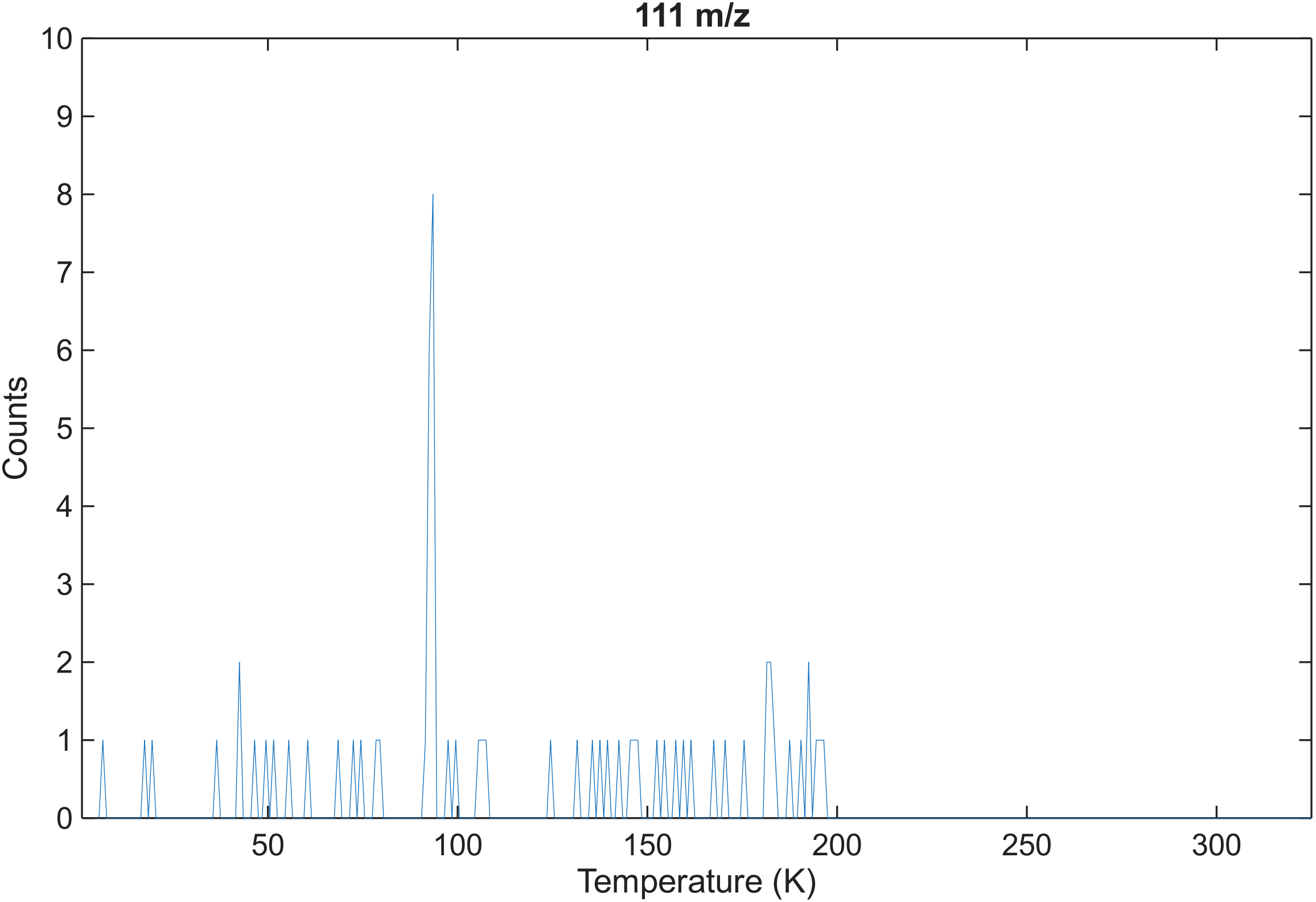

106 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

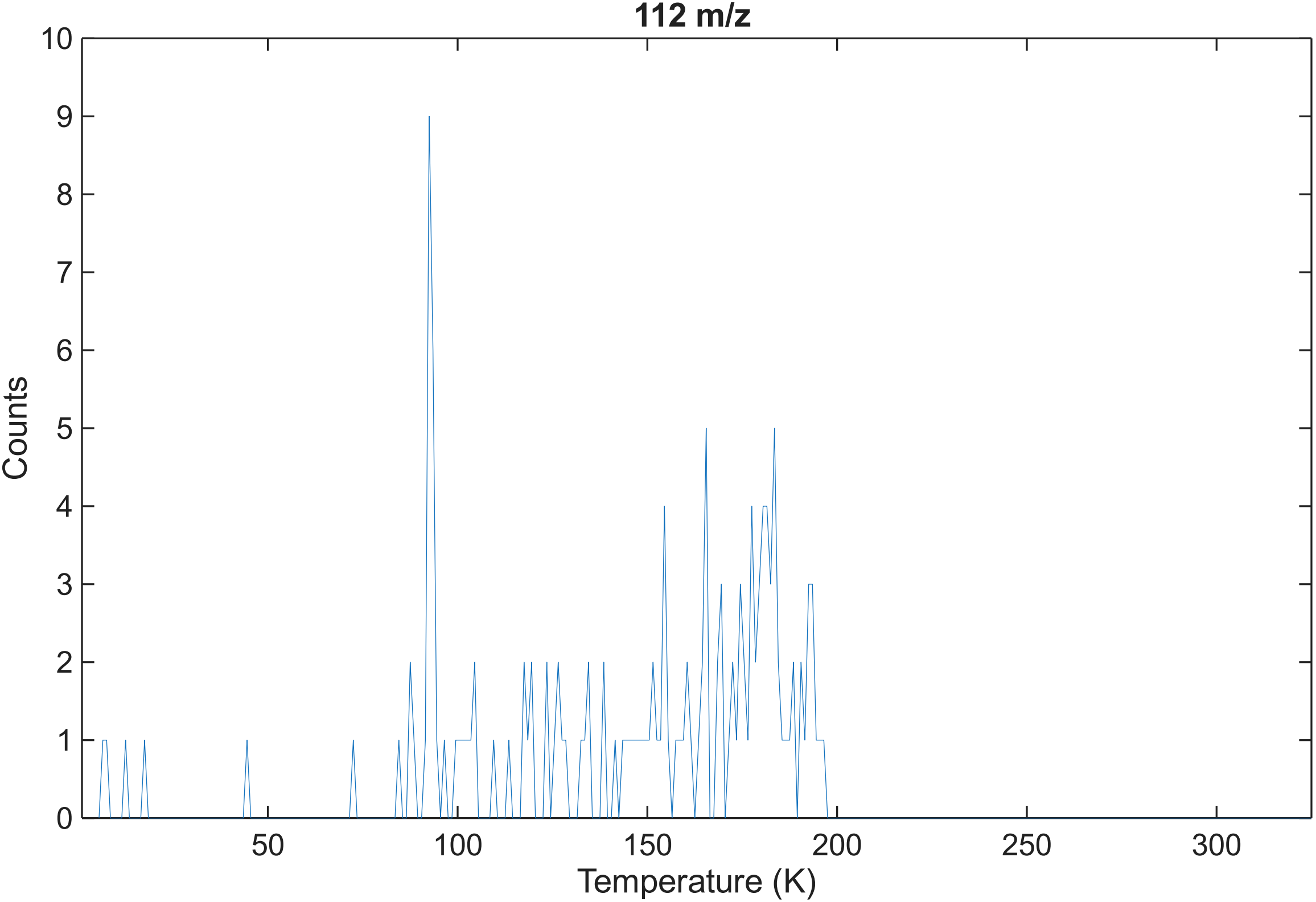

107 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

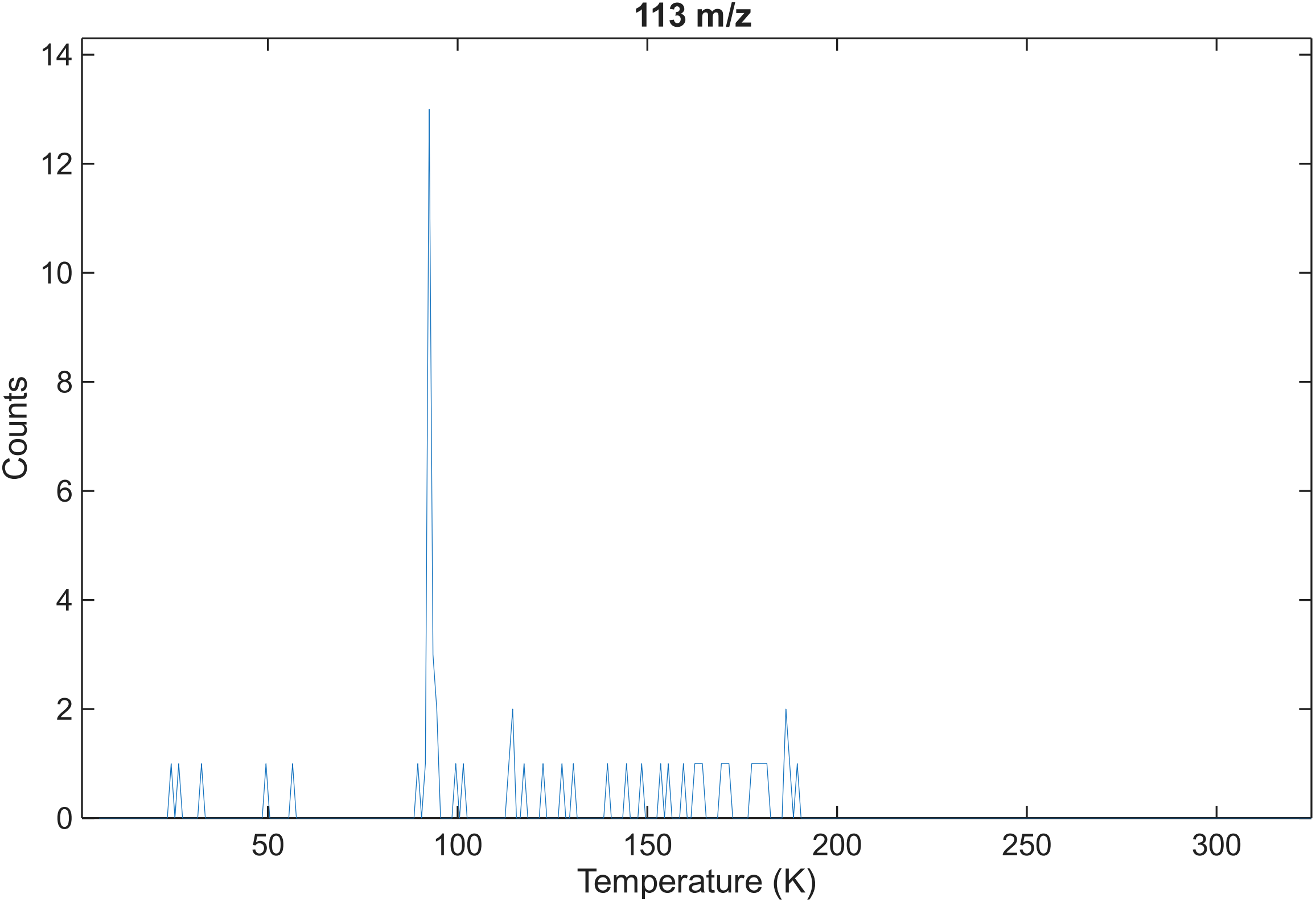

108 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

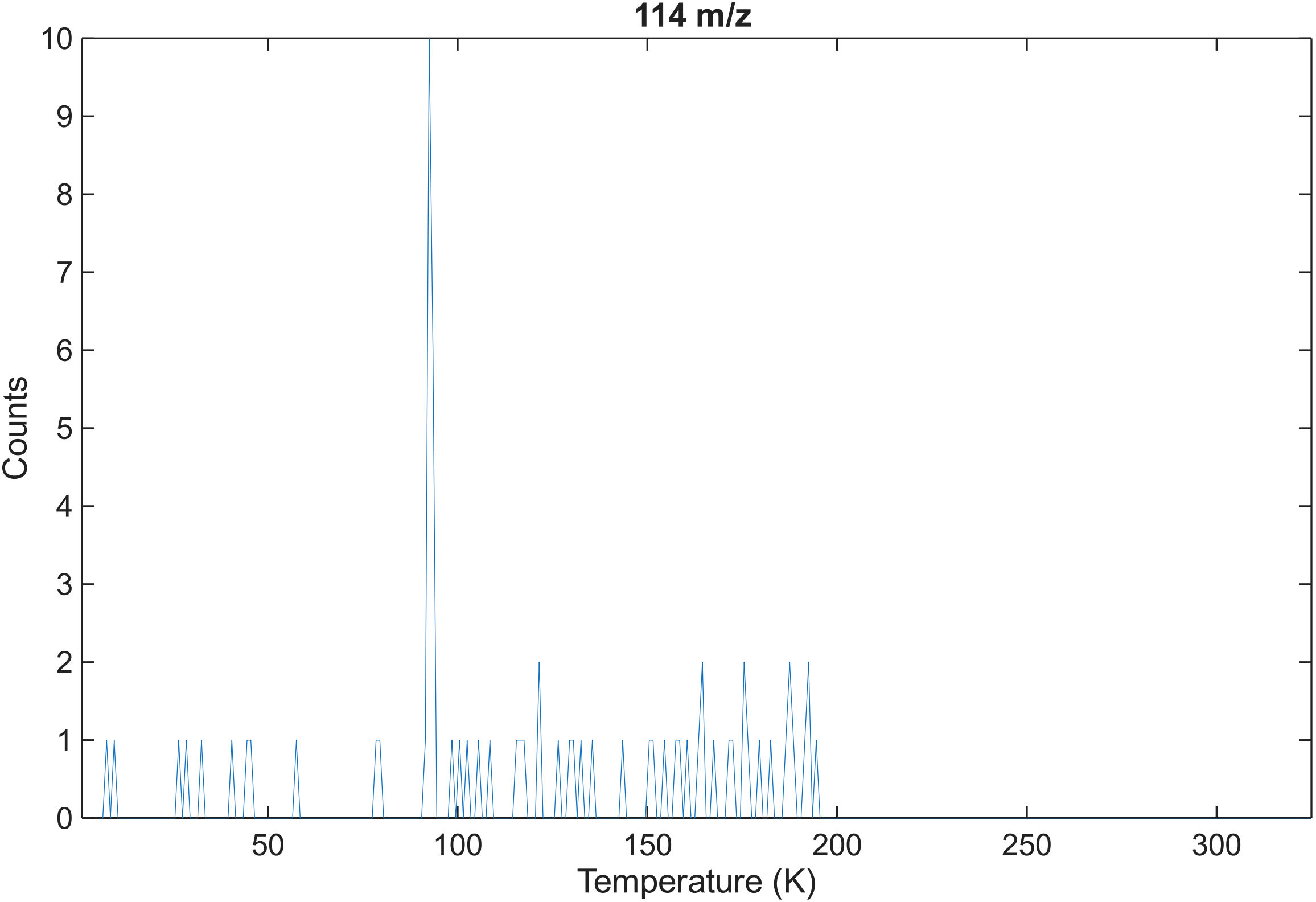

109 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

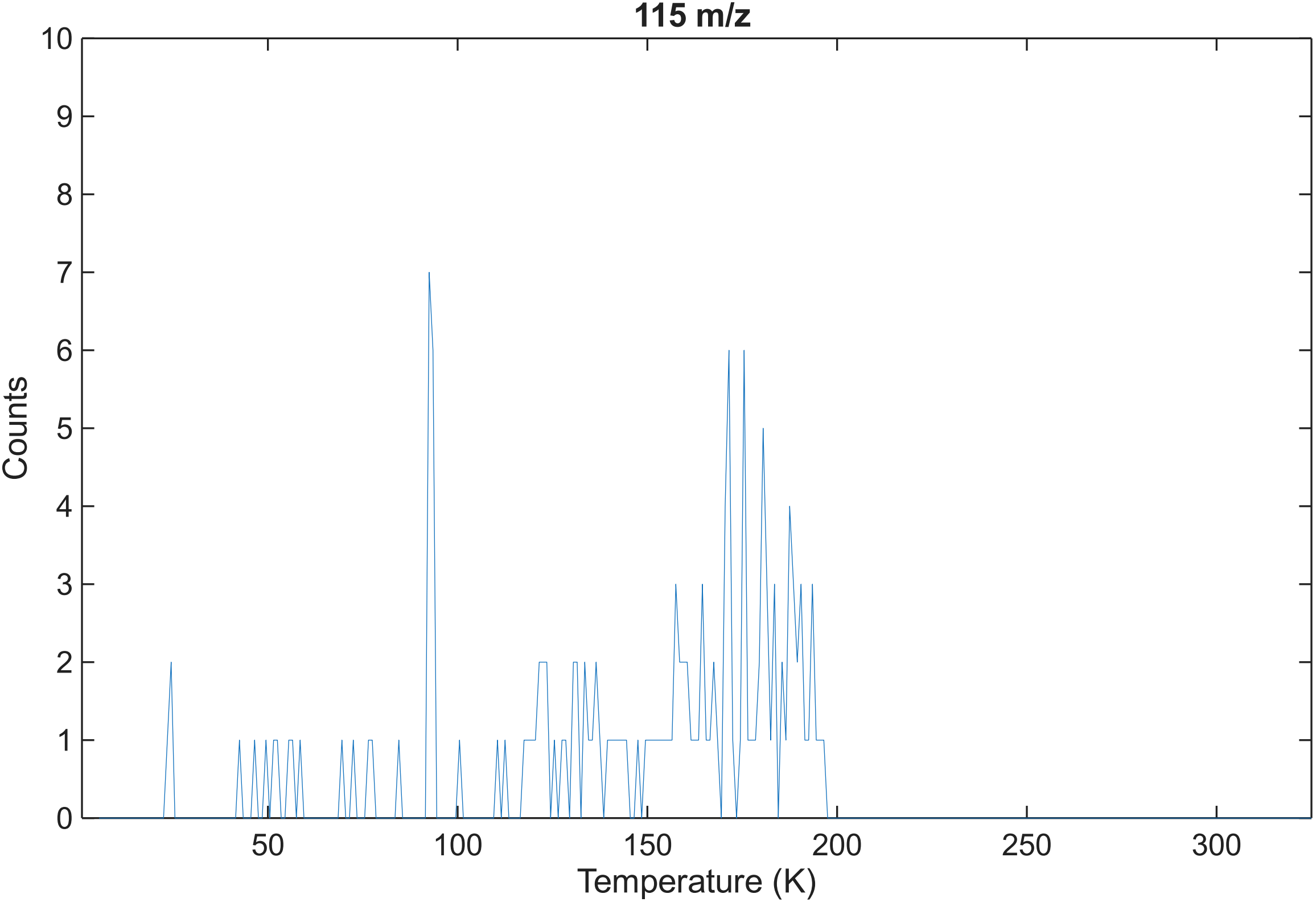

110 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

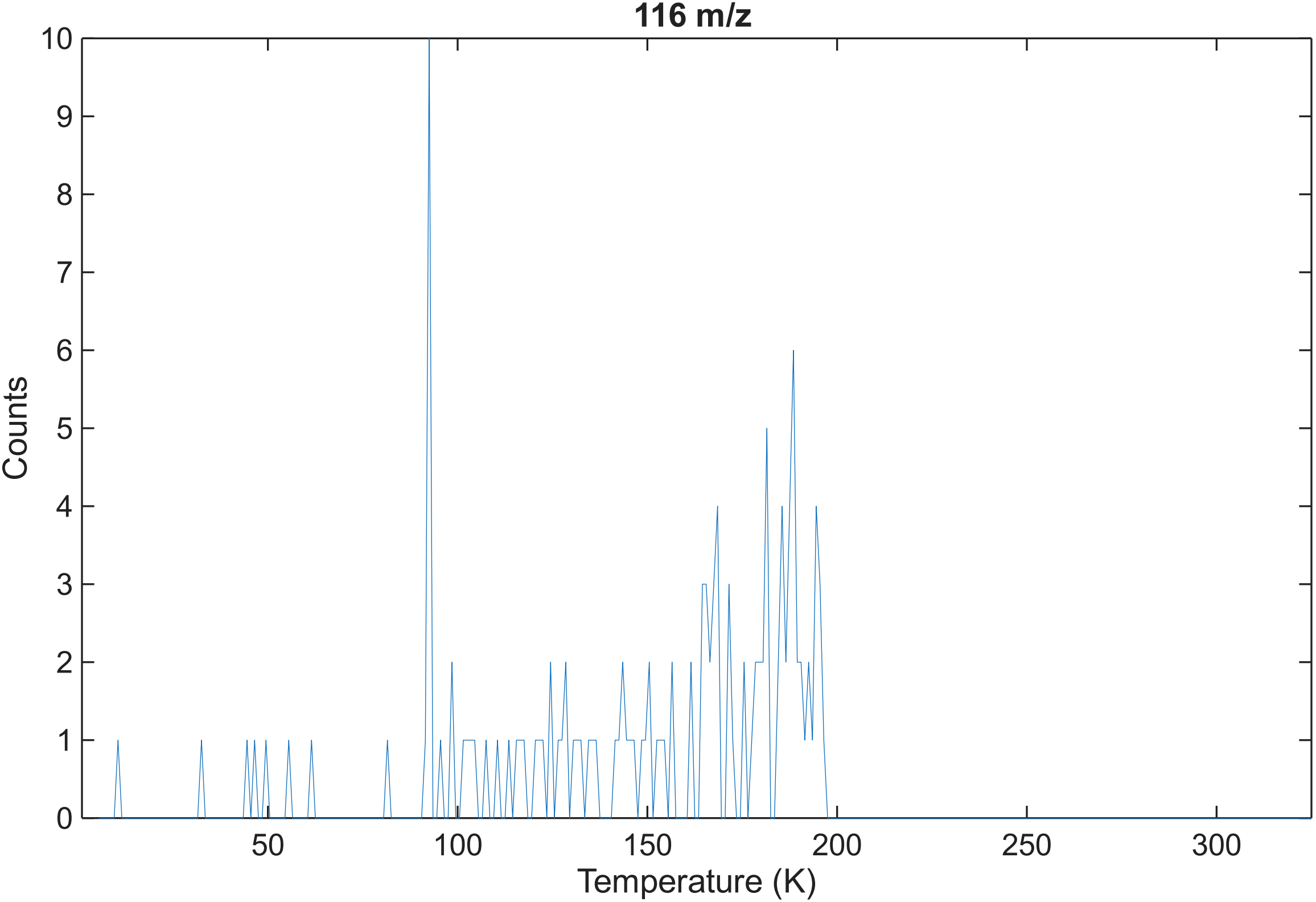

111 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

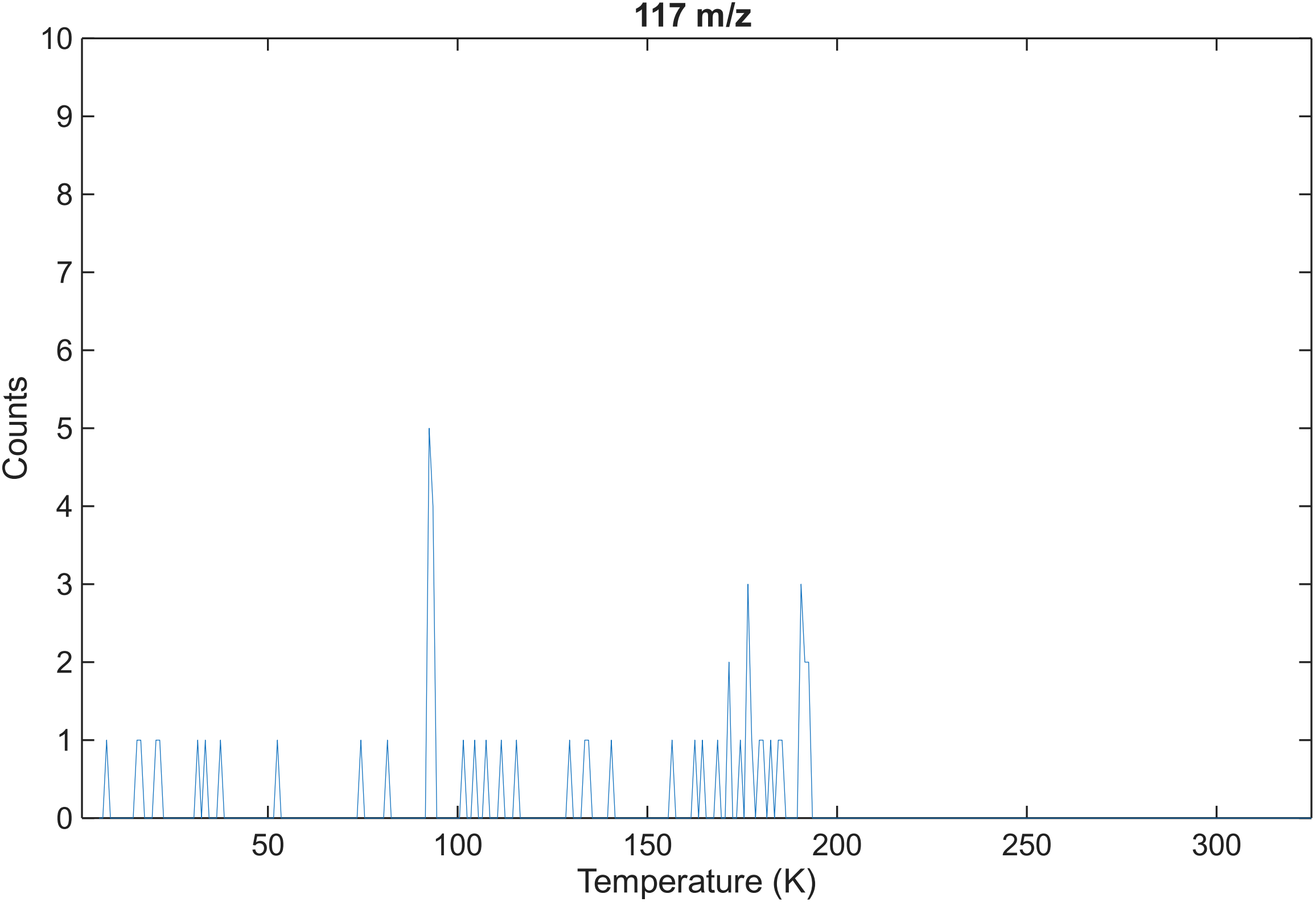

112 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

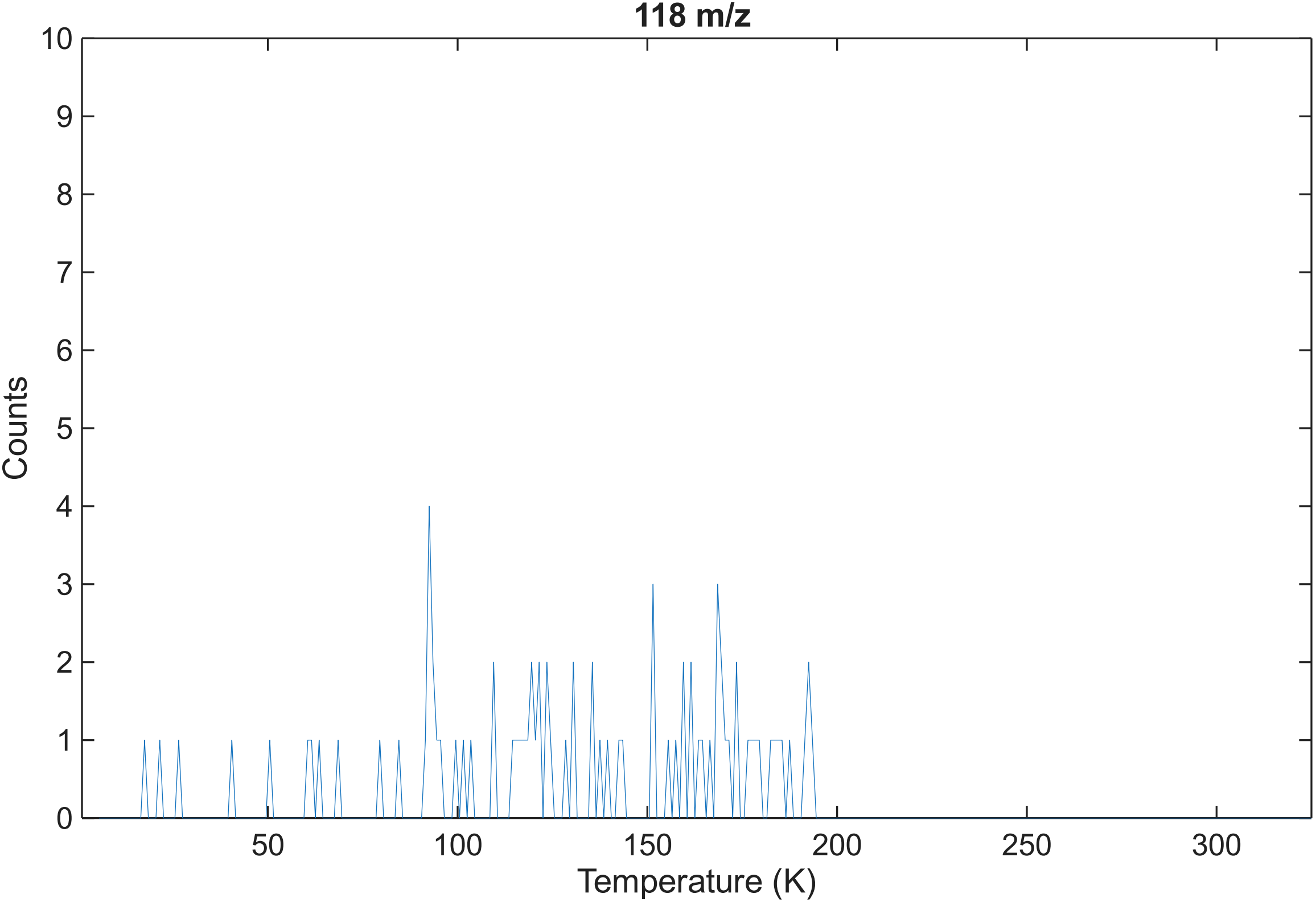

113 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

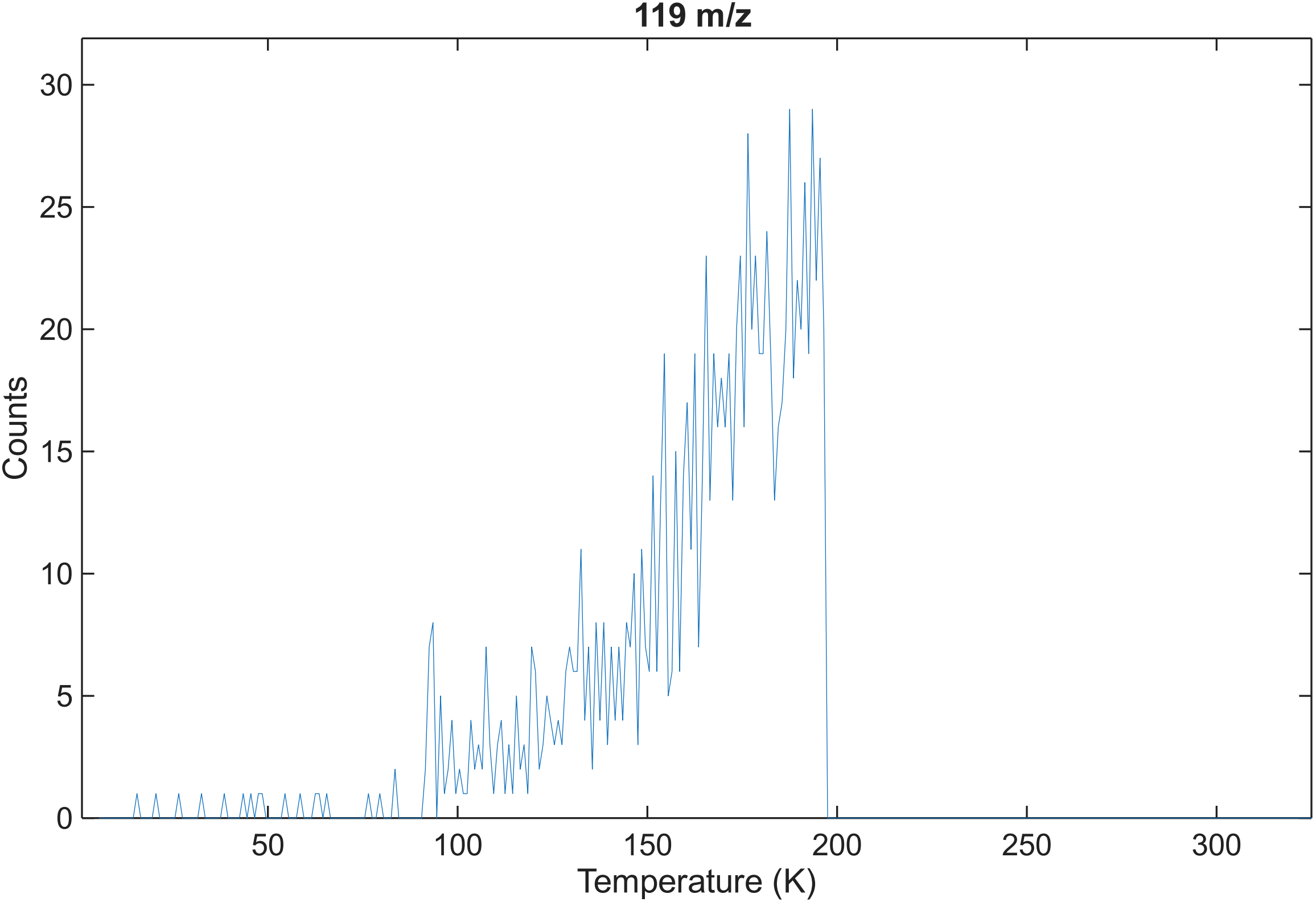

114 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

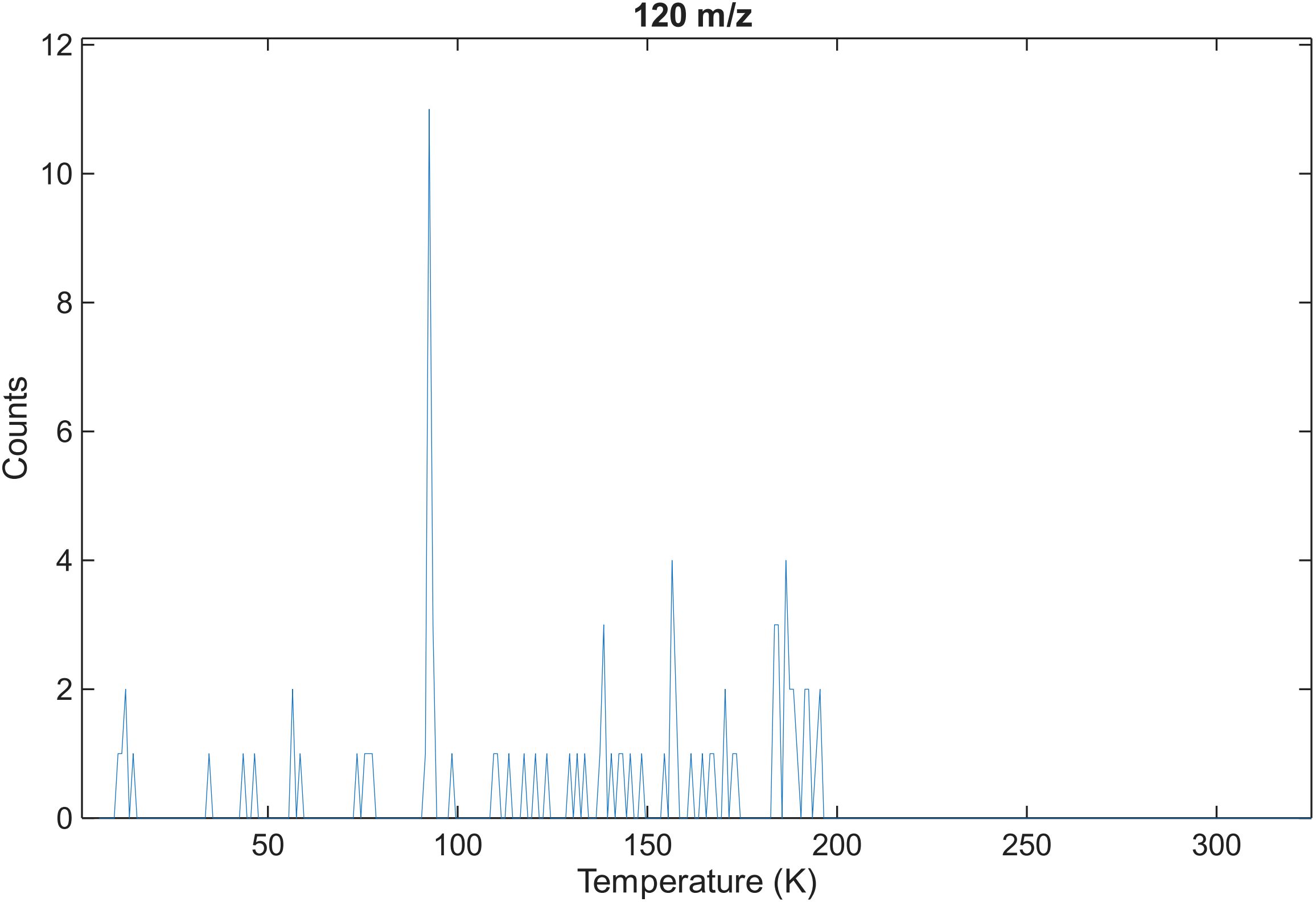

115 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

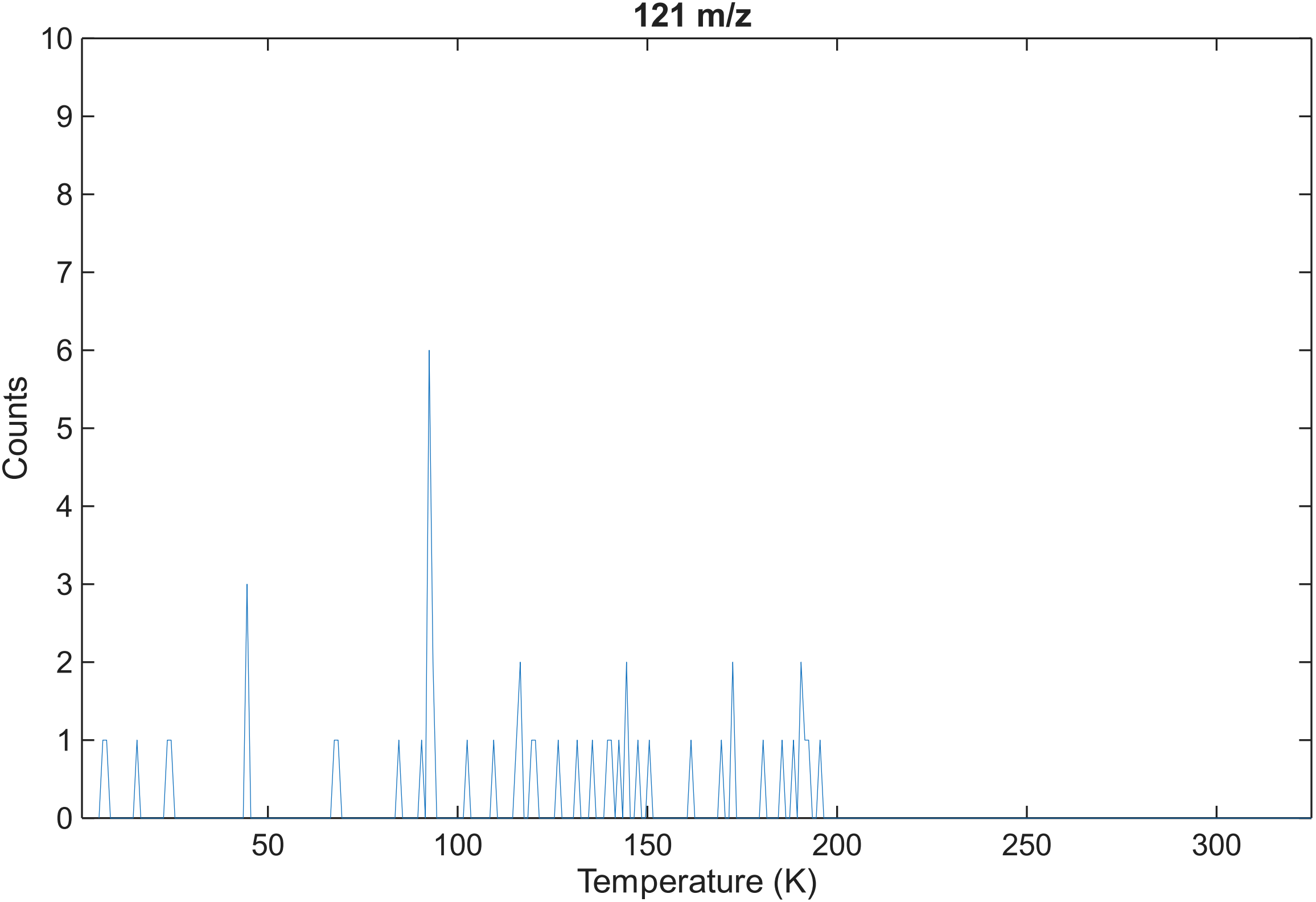

116 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

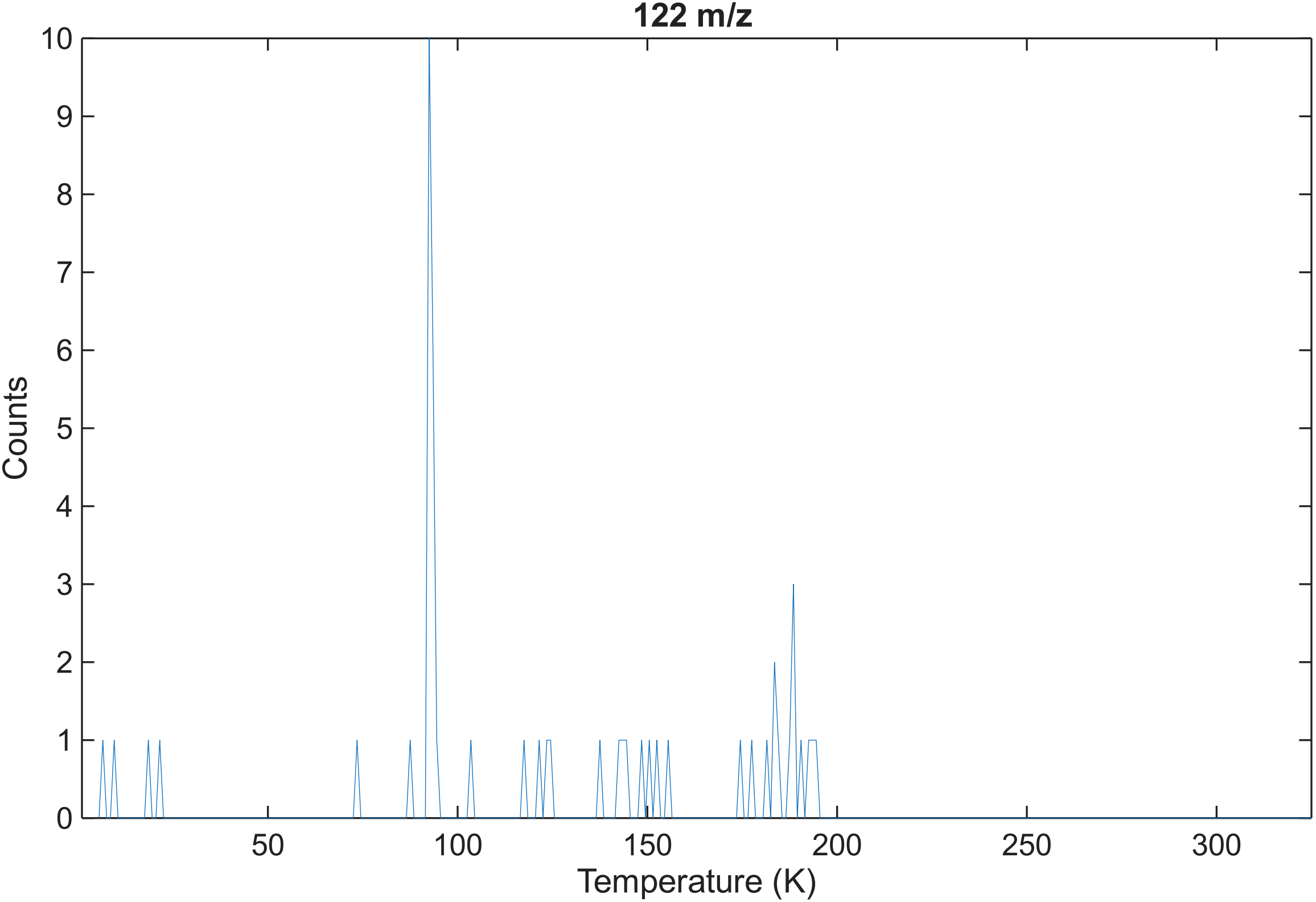

117 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

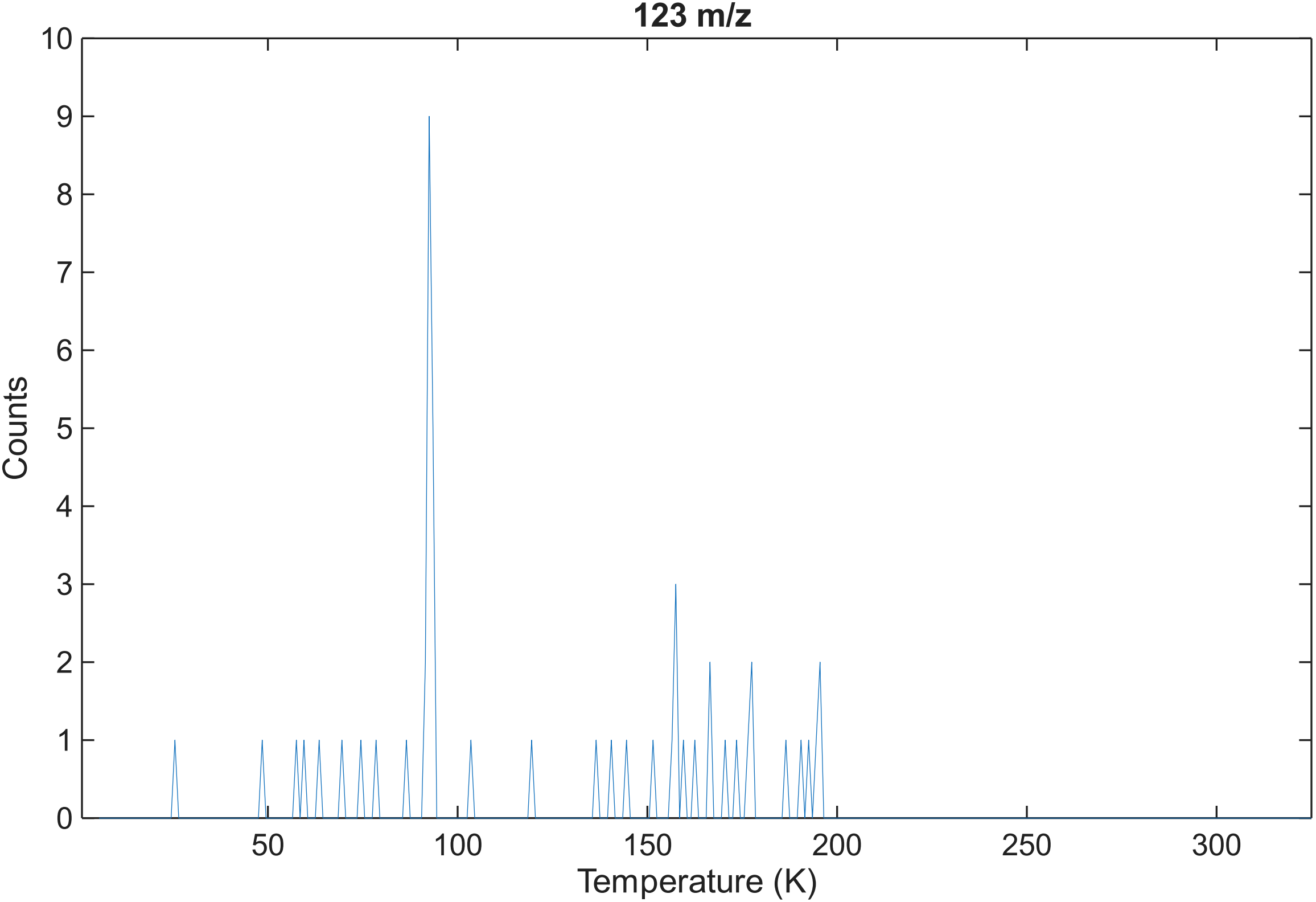

118 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

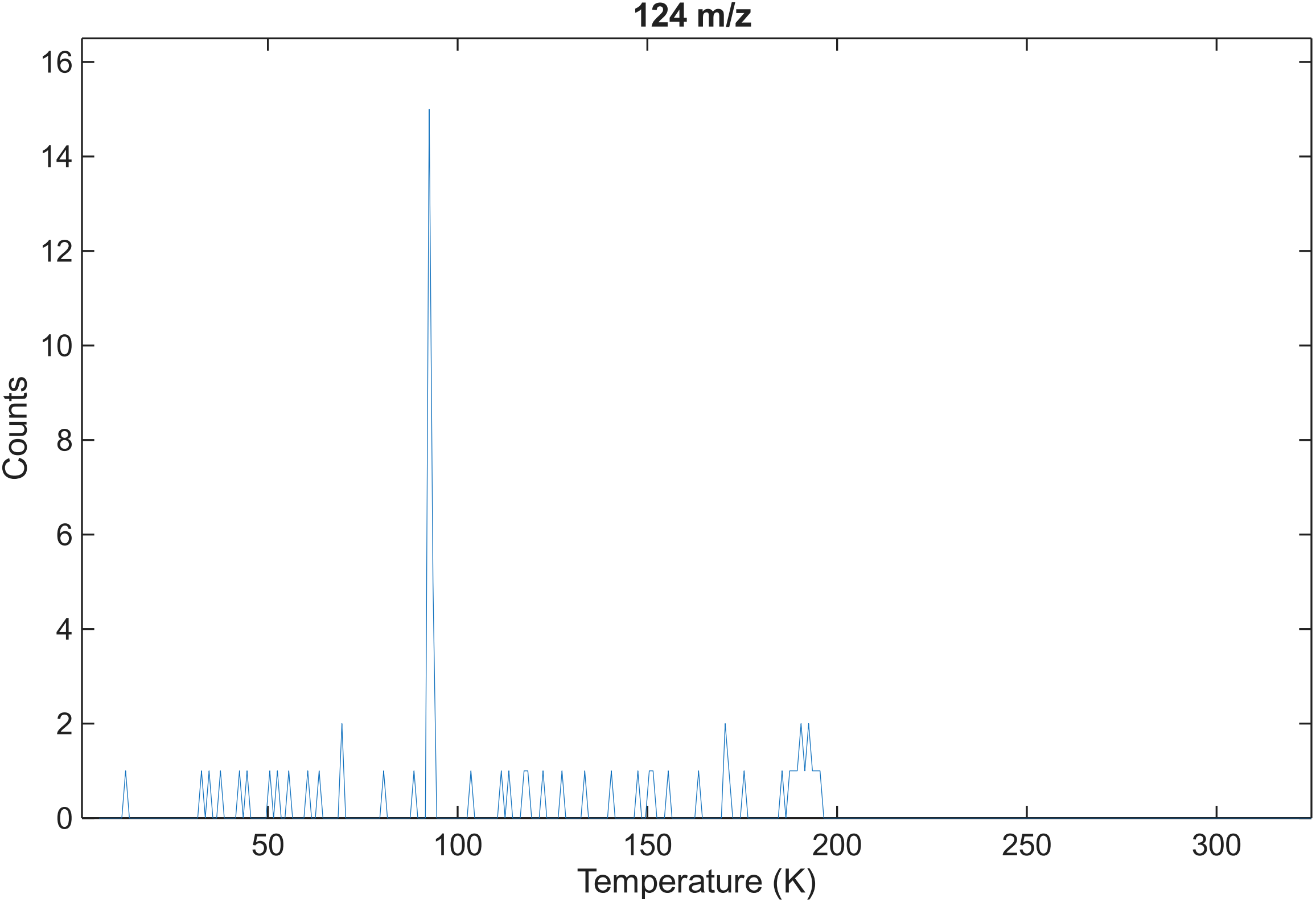

119 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

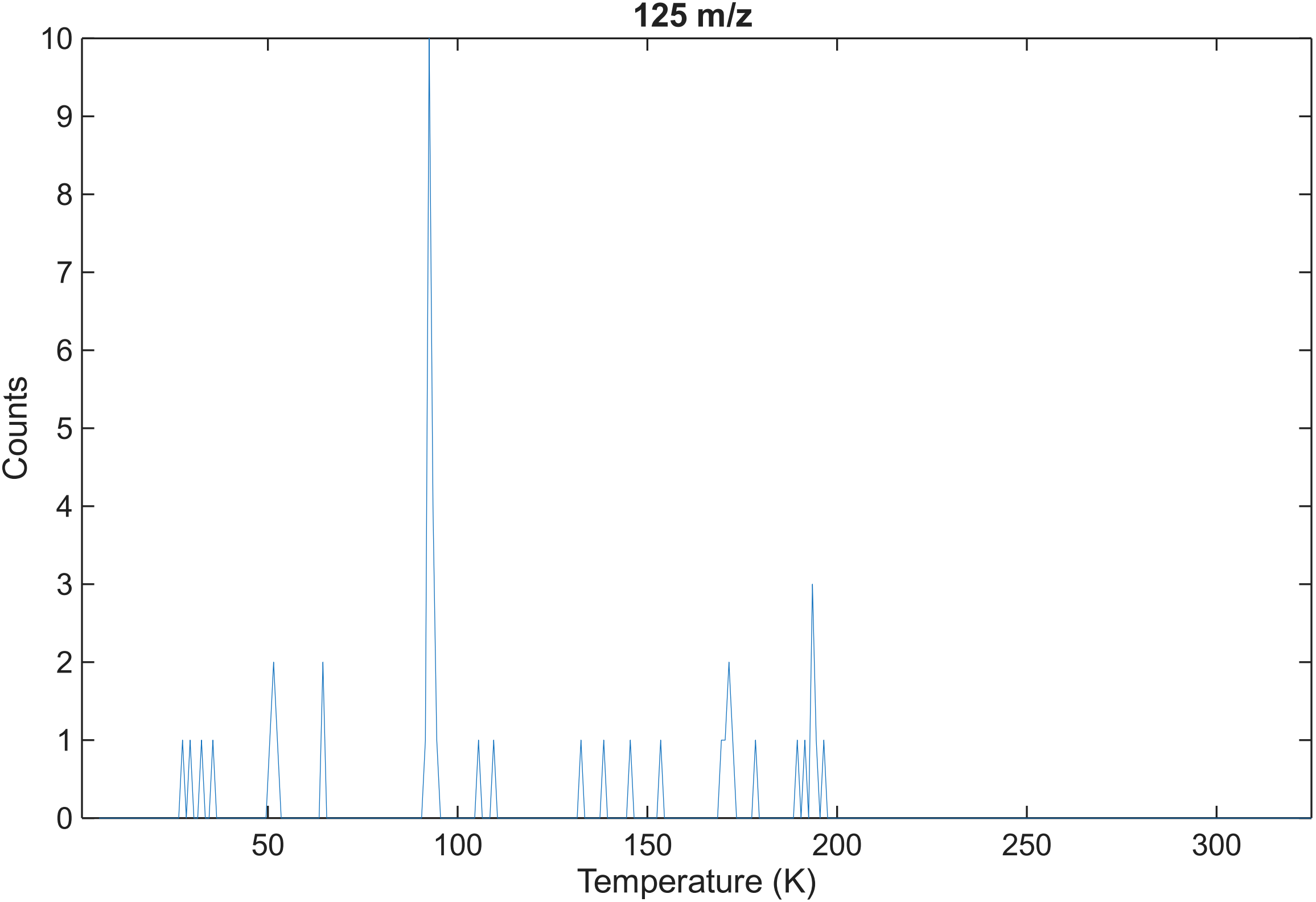

120 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

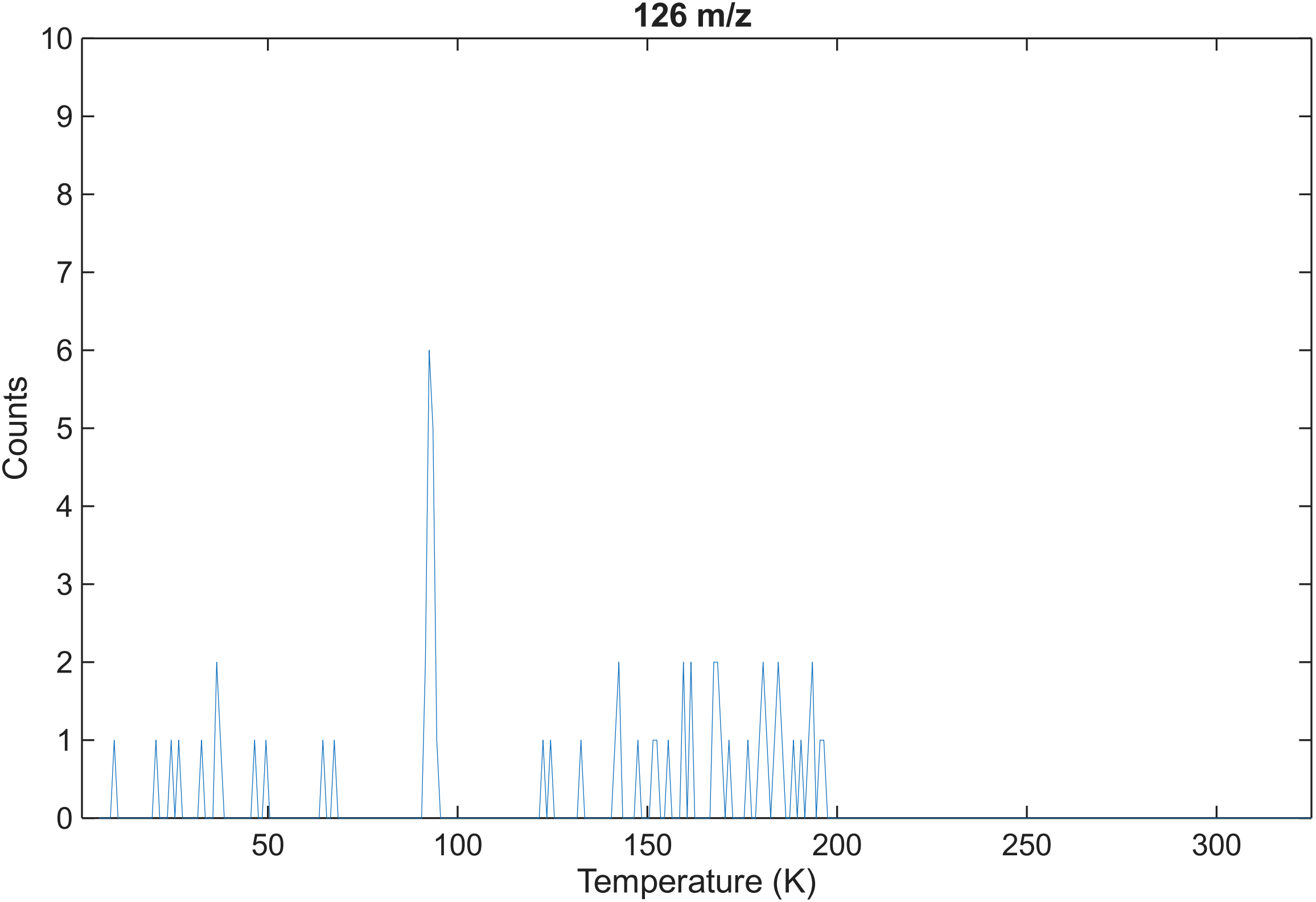

121 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

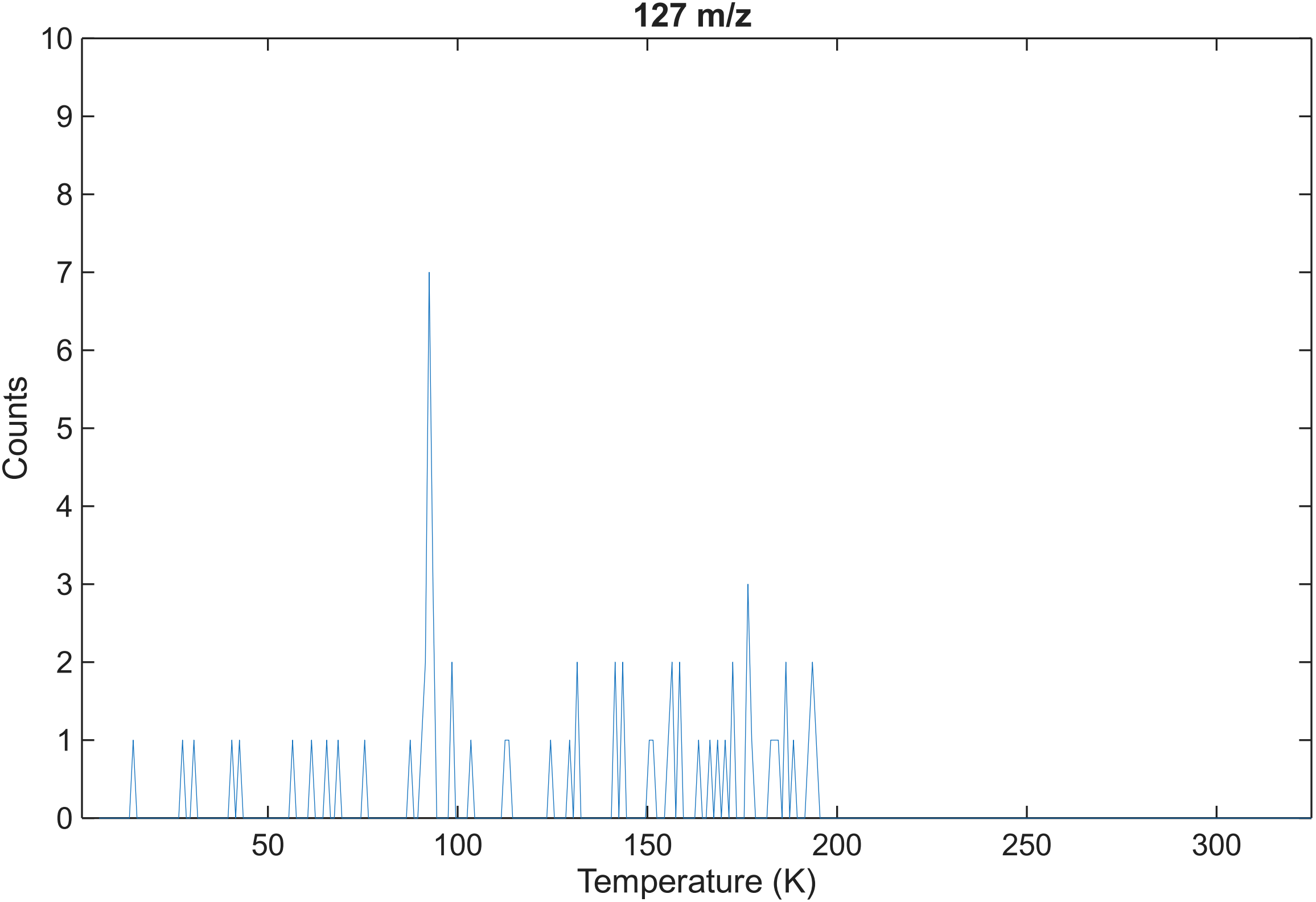

122 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

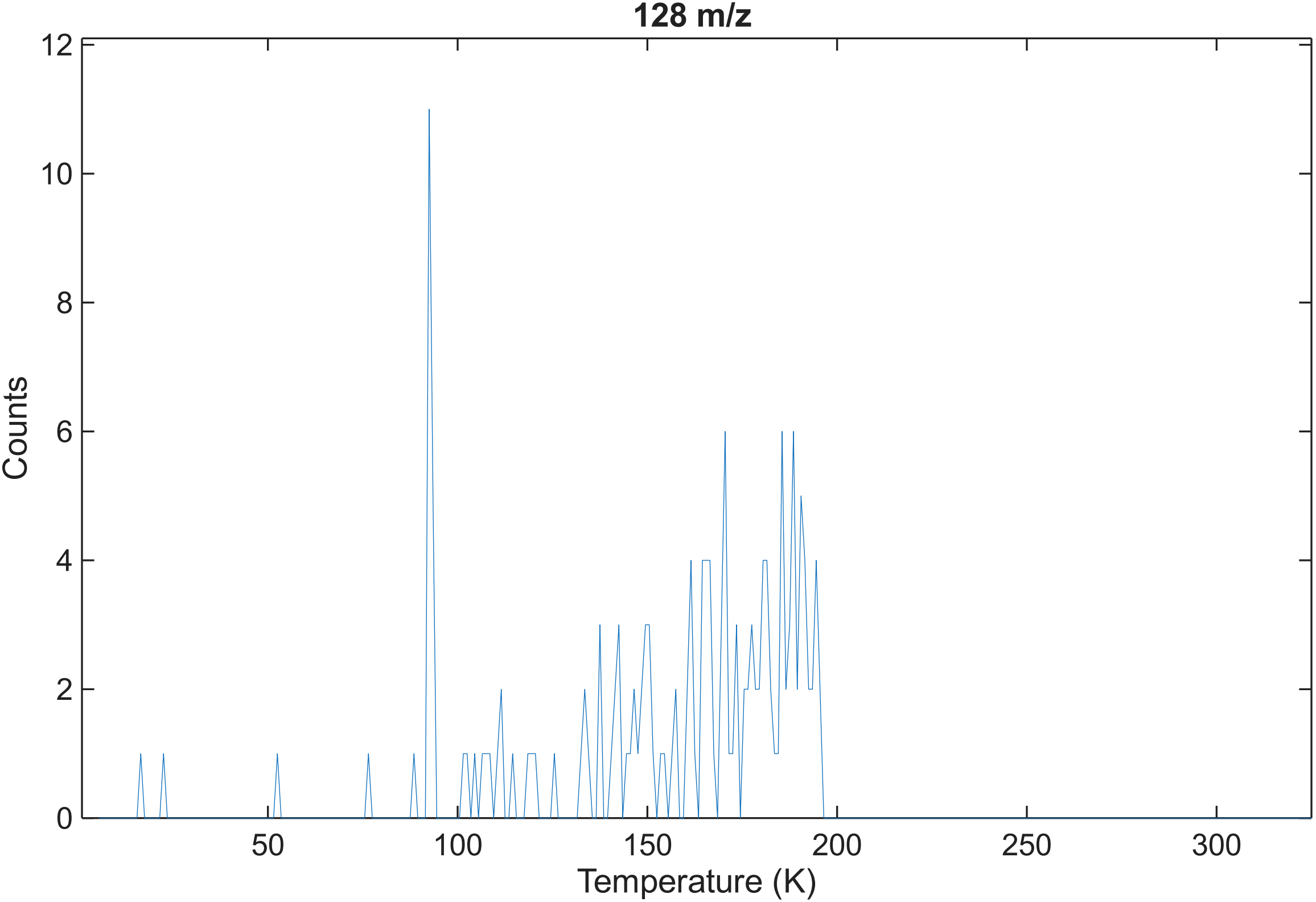

123 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

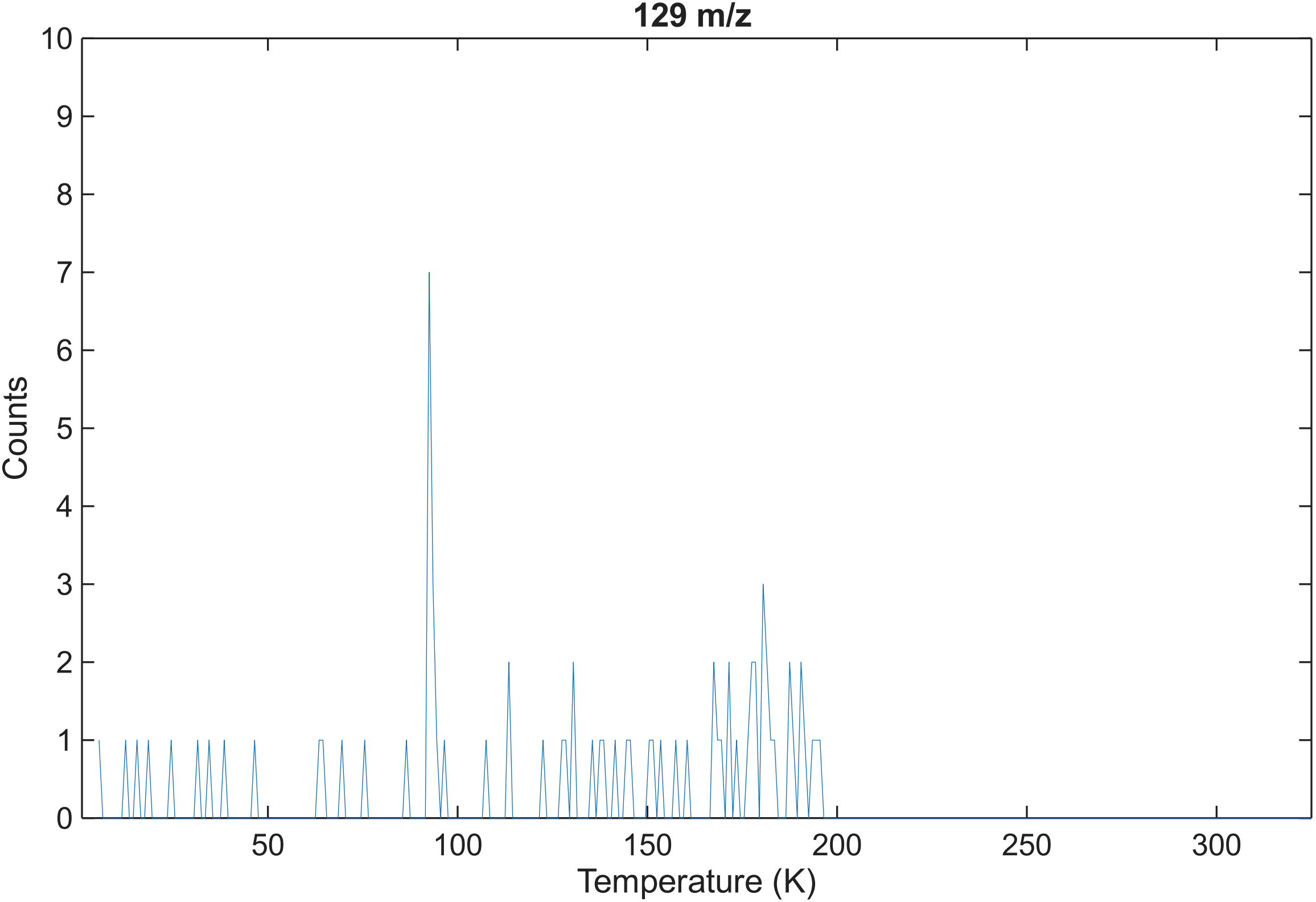

124 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

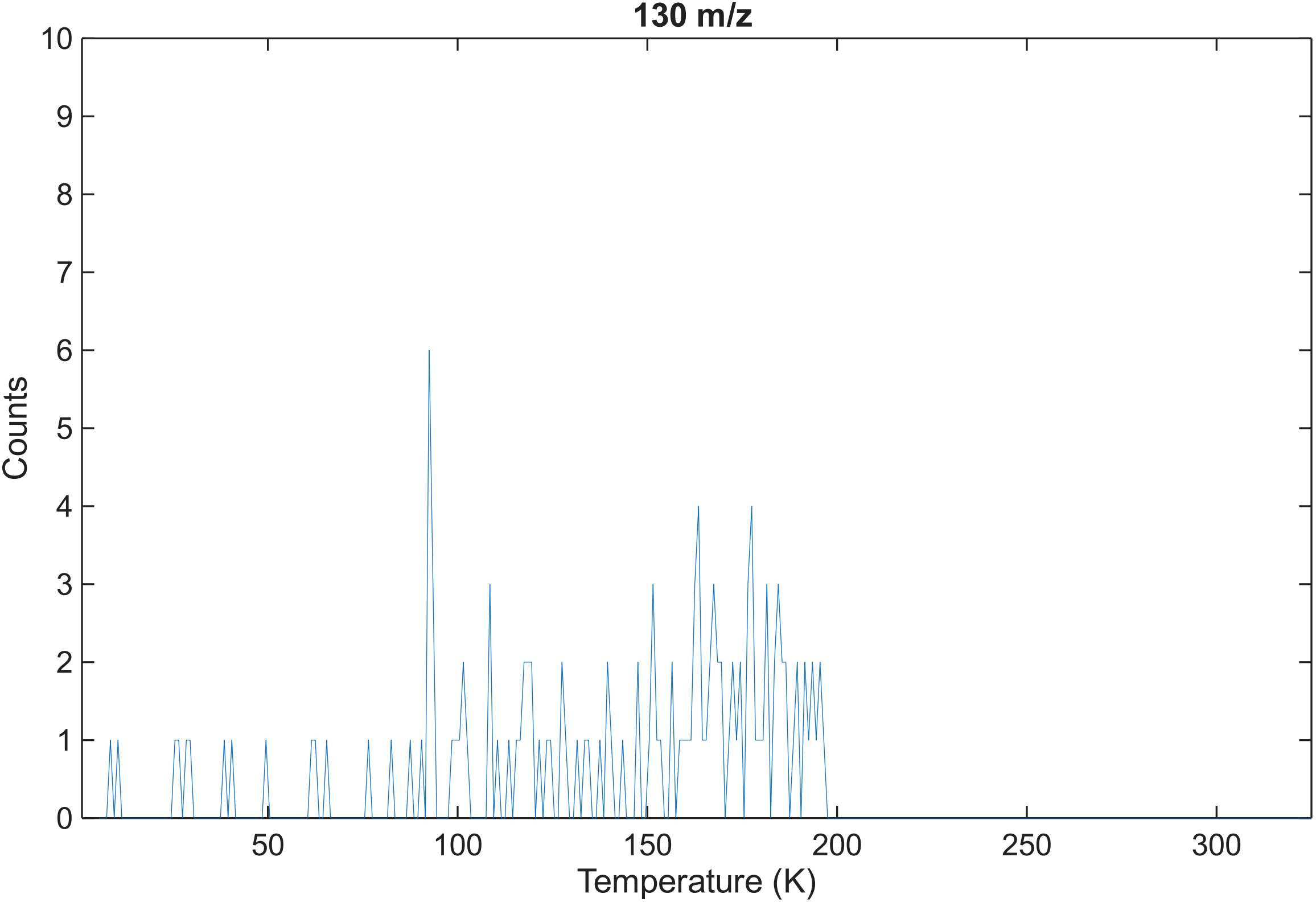

125 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

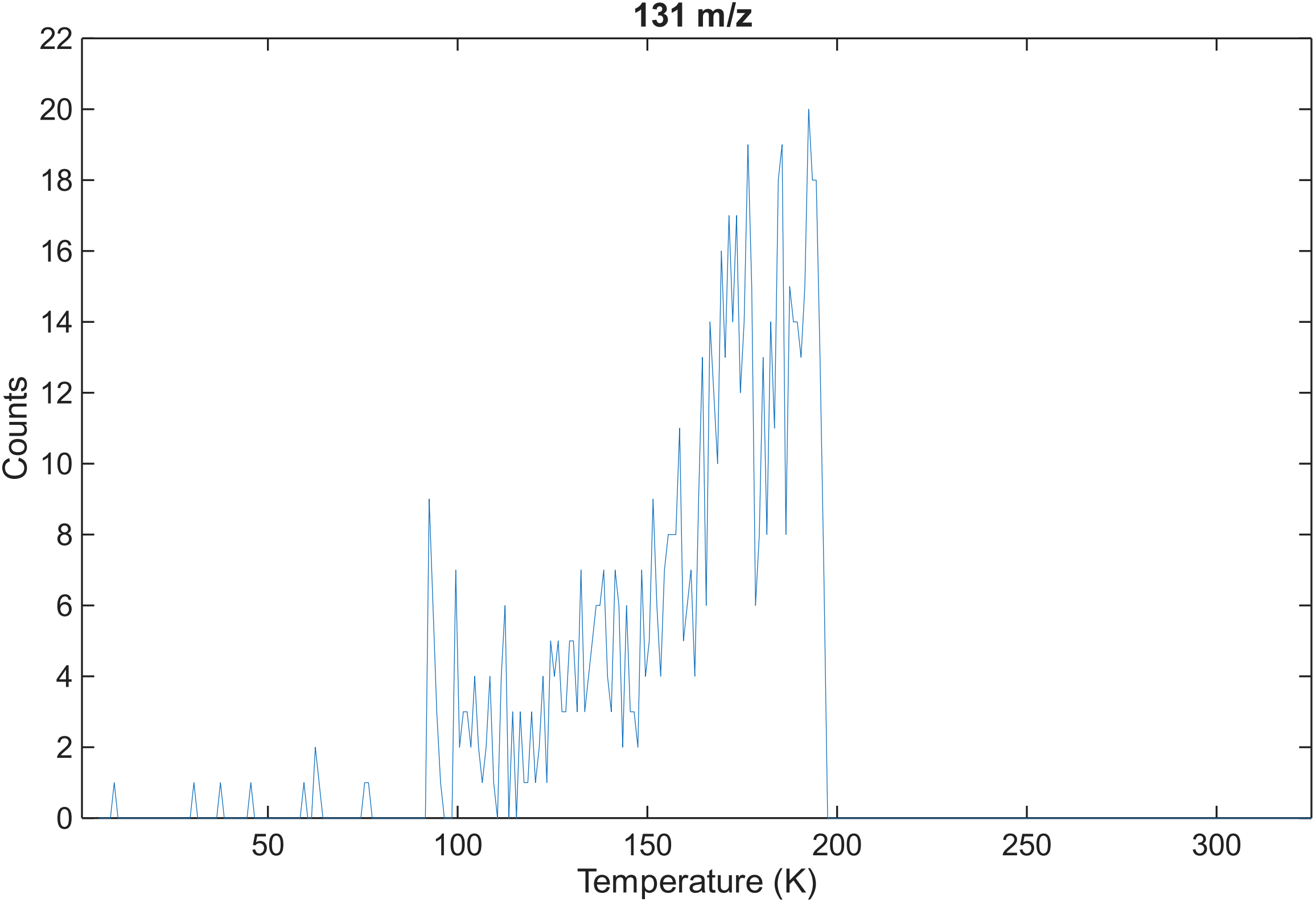

126 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

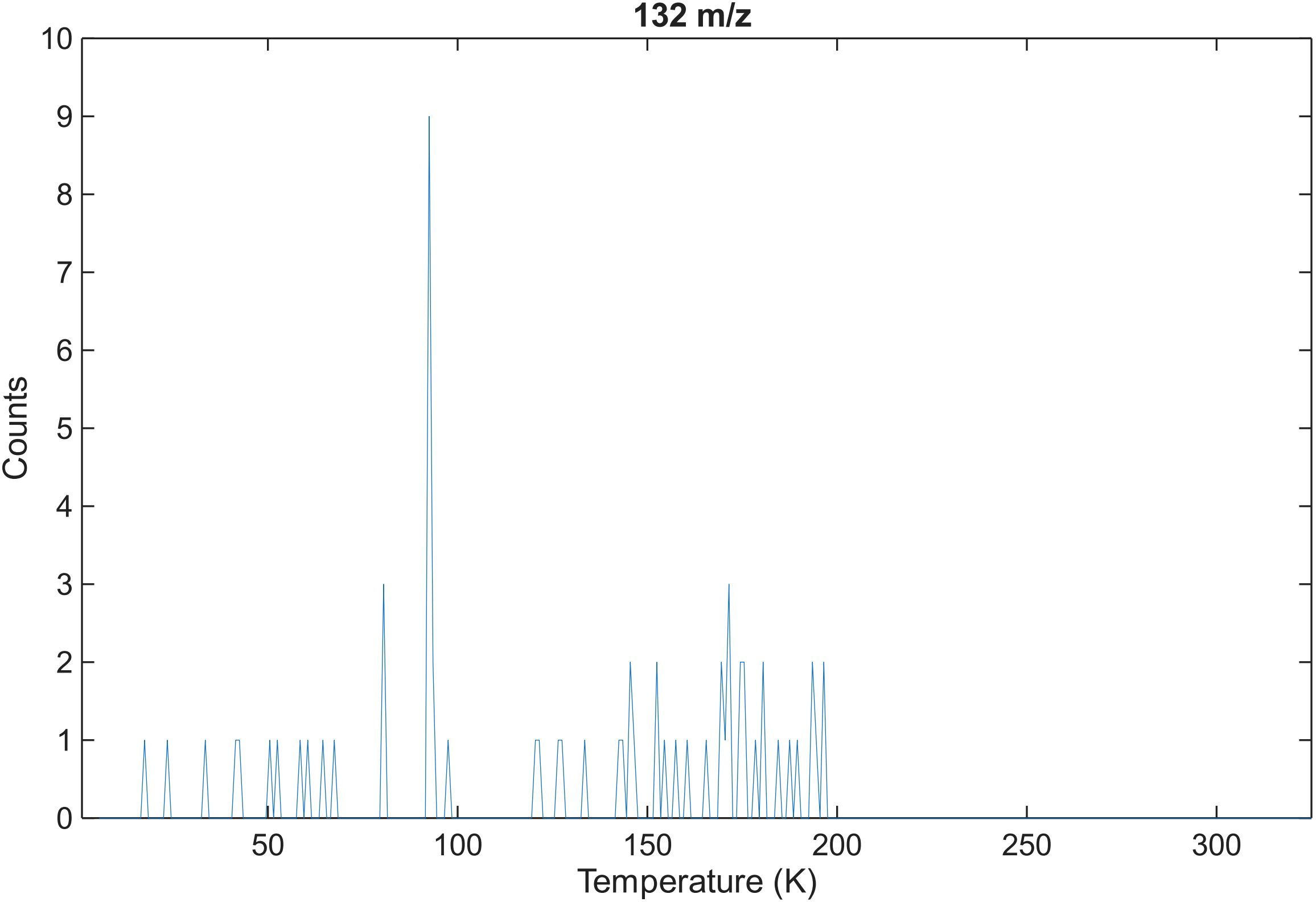

127 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

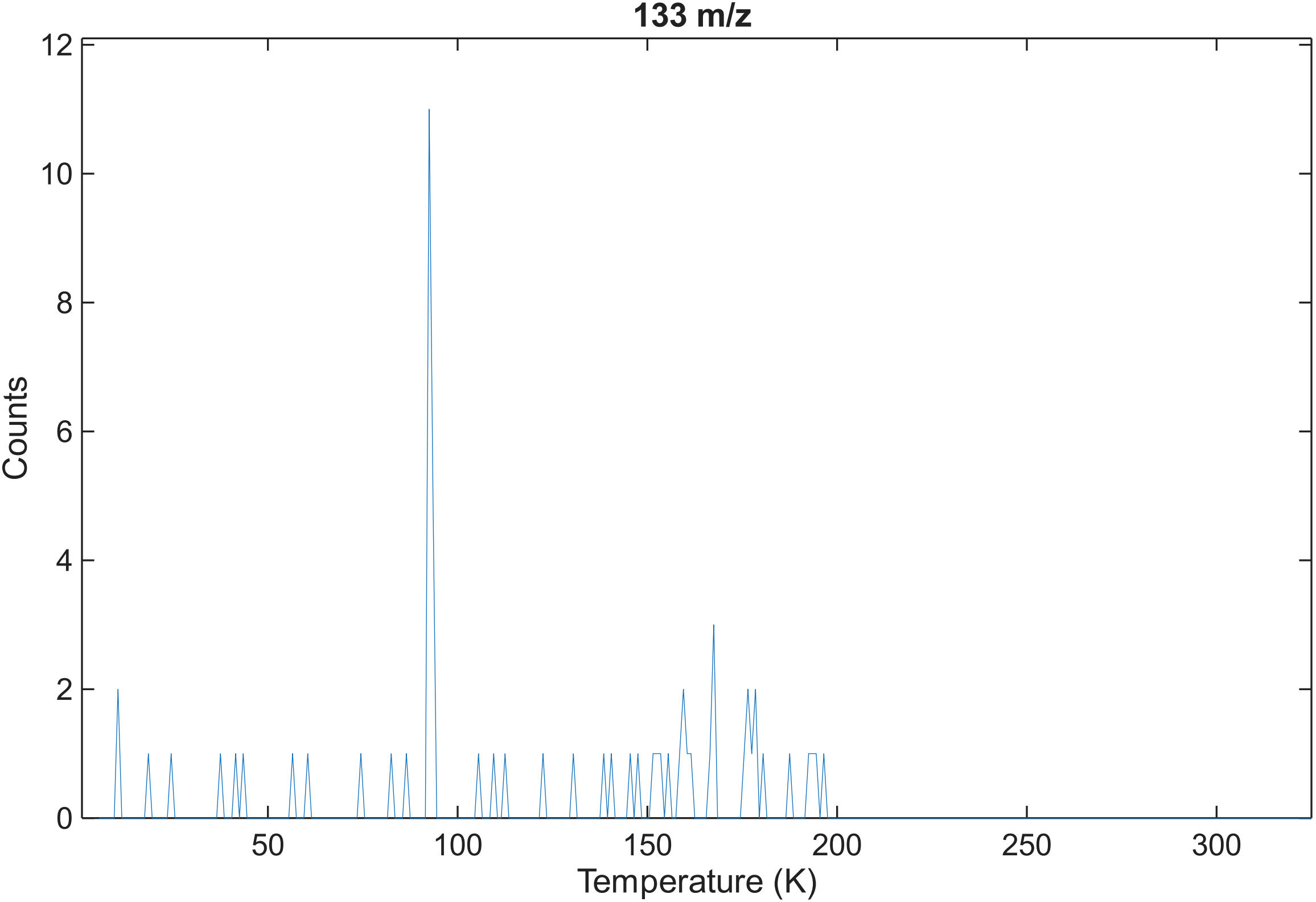

128 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

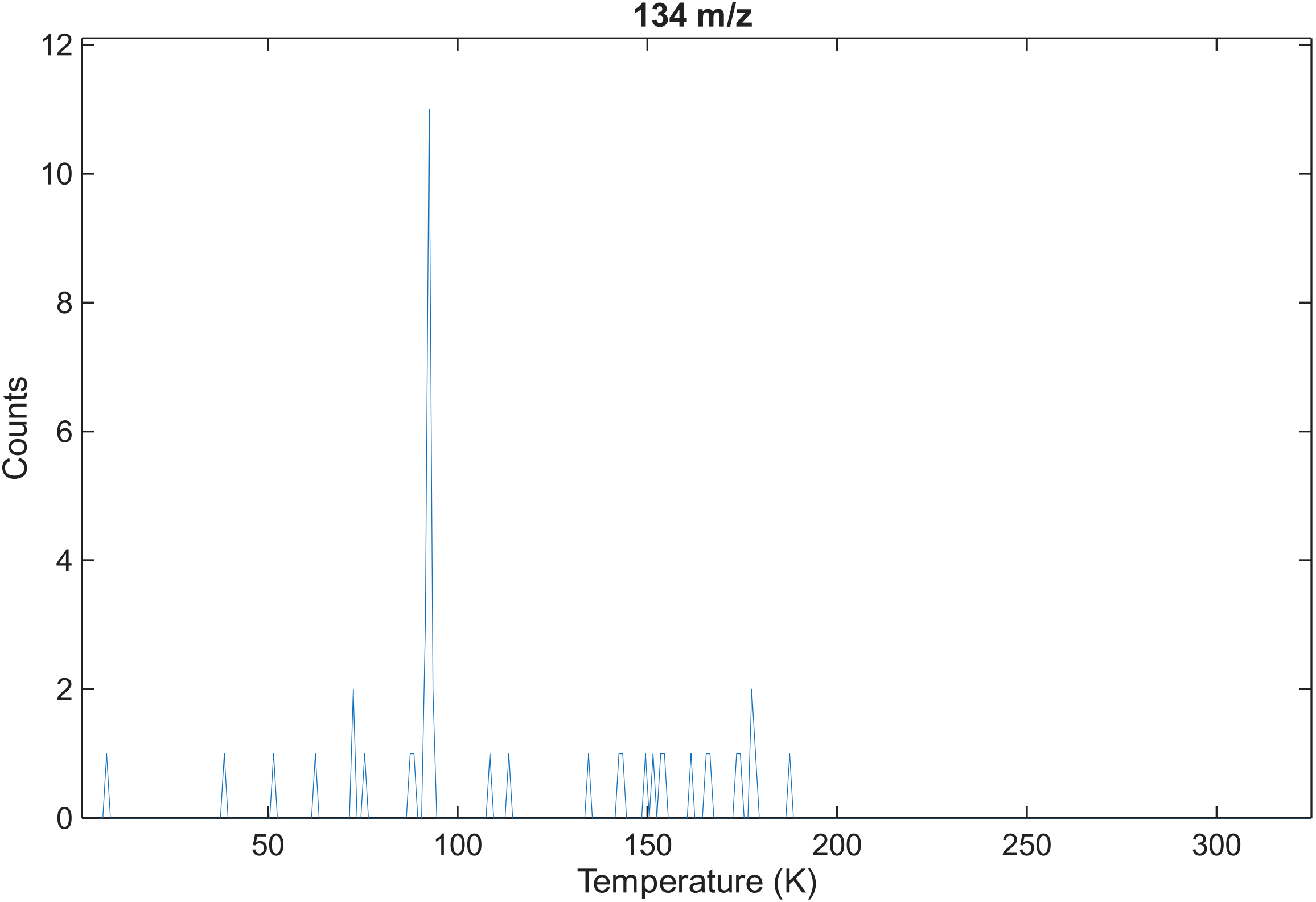

129 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

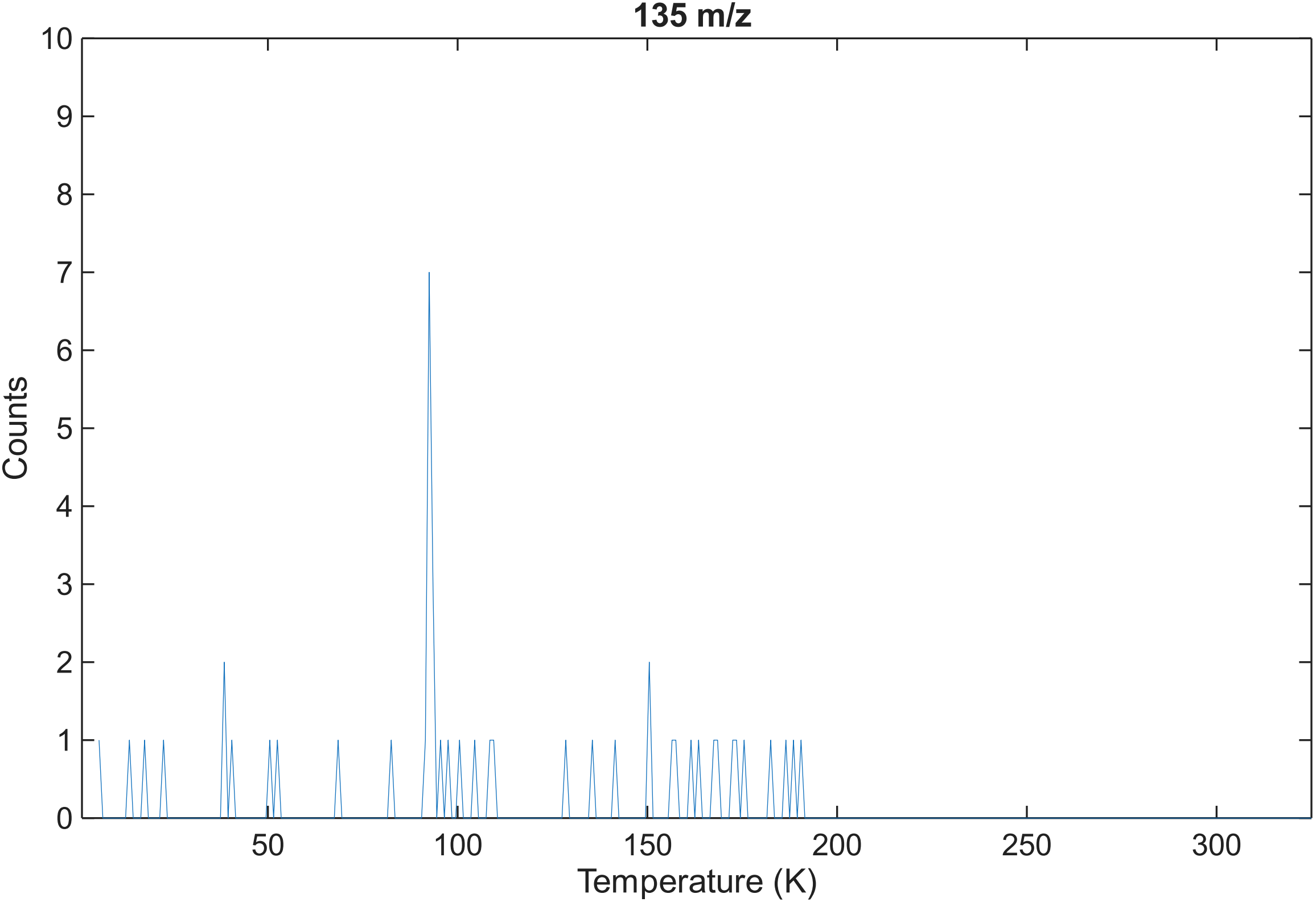

130 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

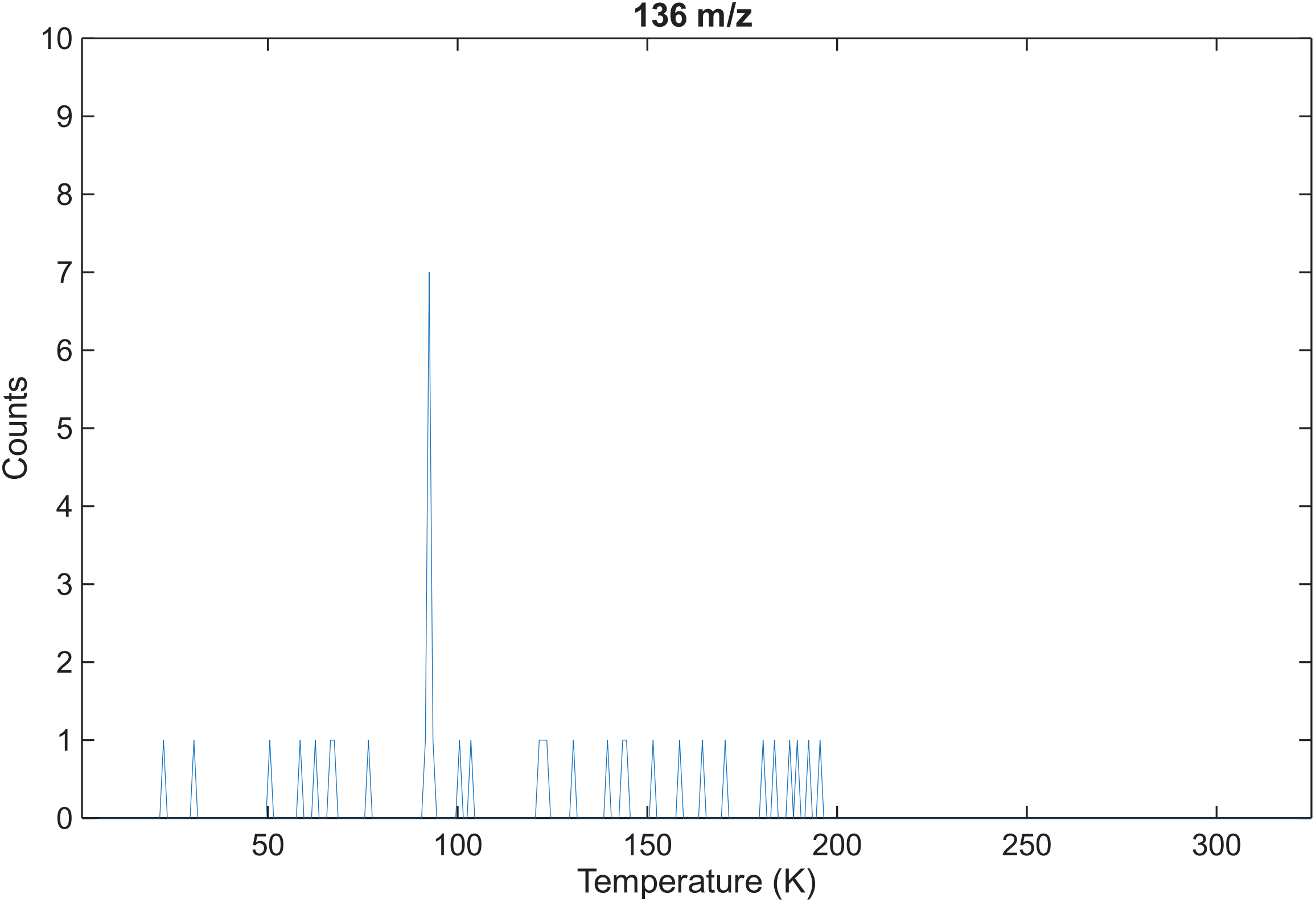

131 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300

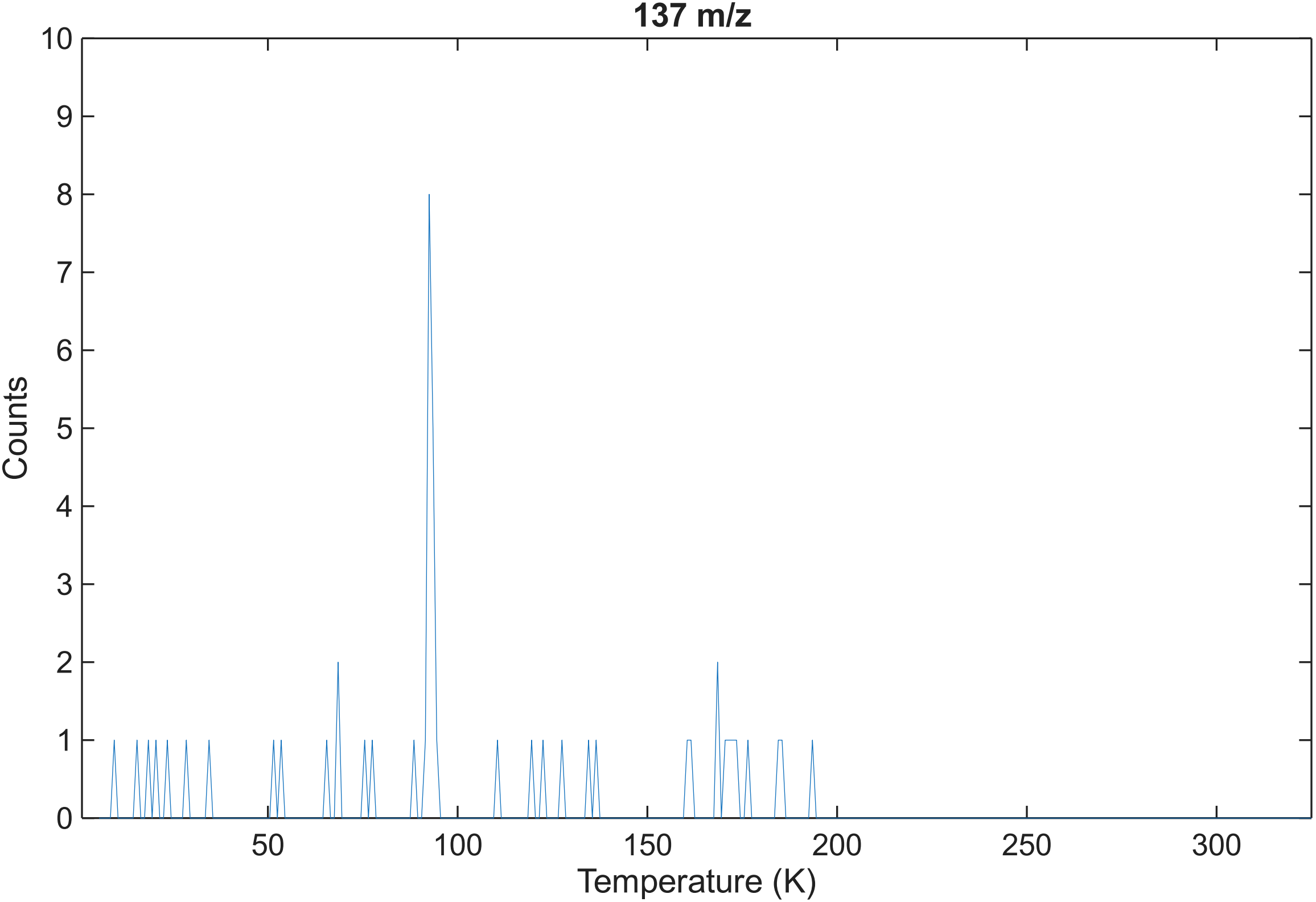

132 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

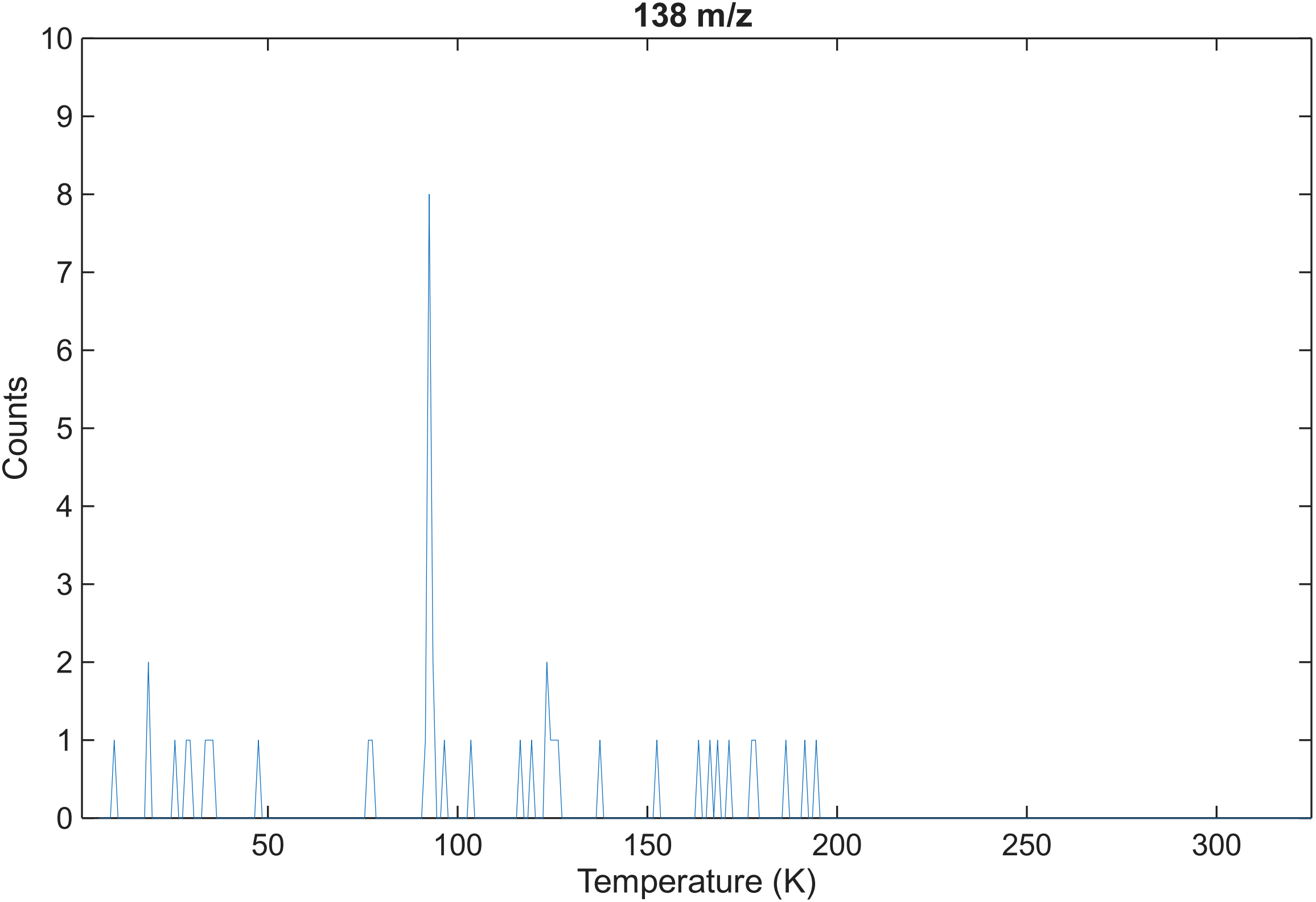

133 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

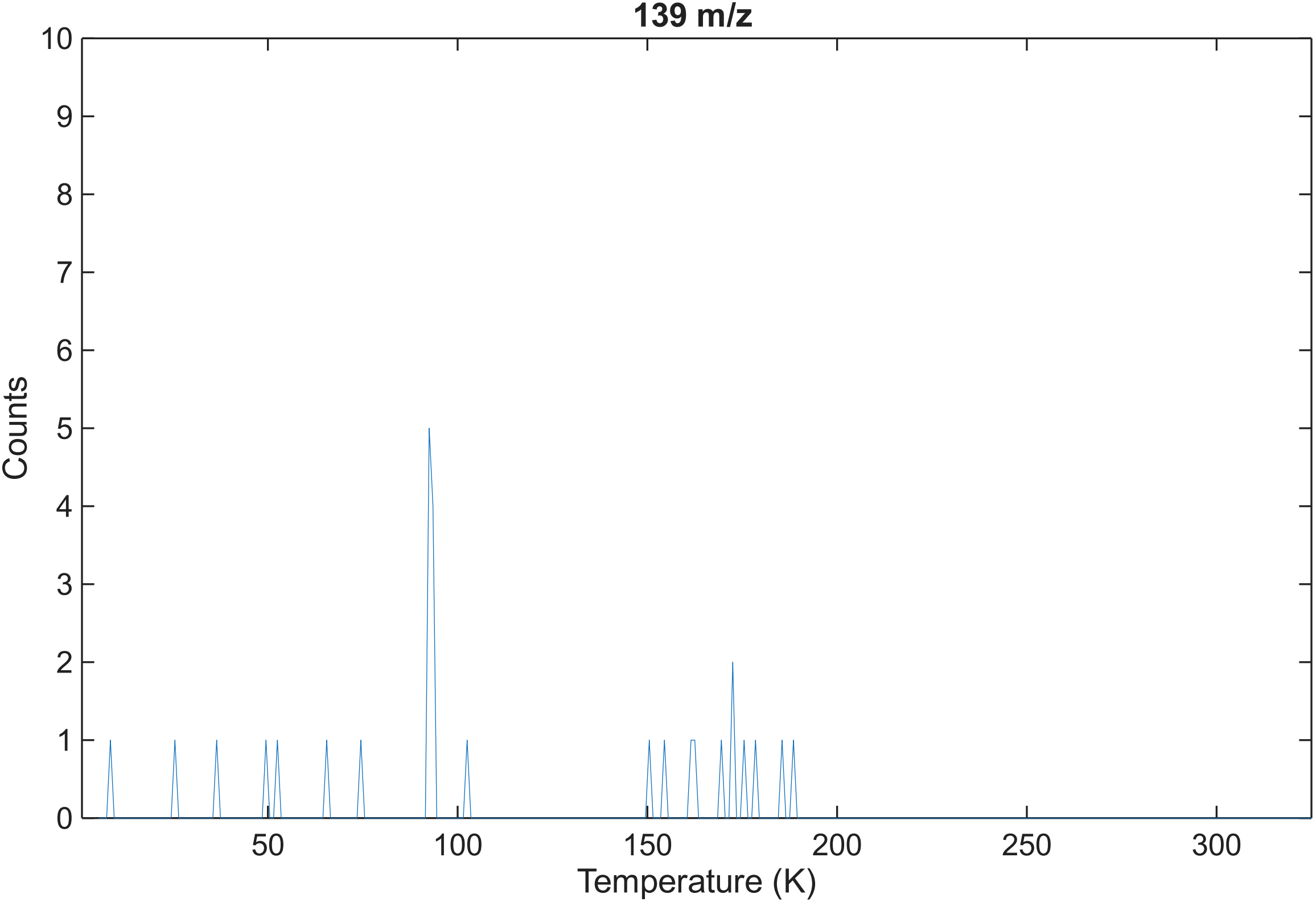

134 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

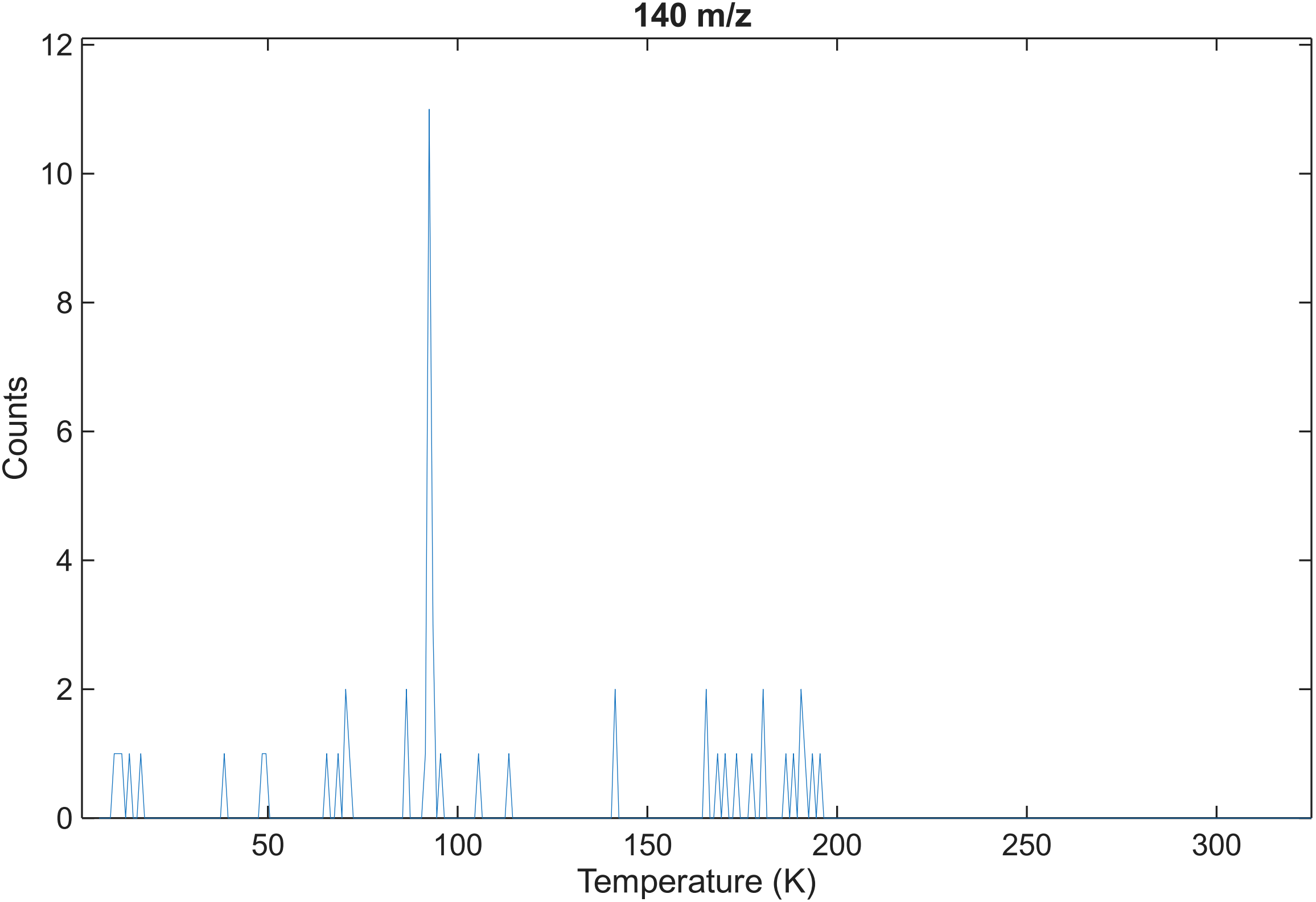

135 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

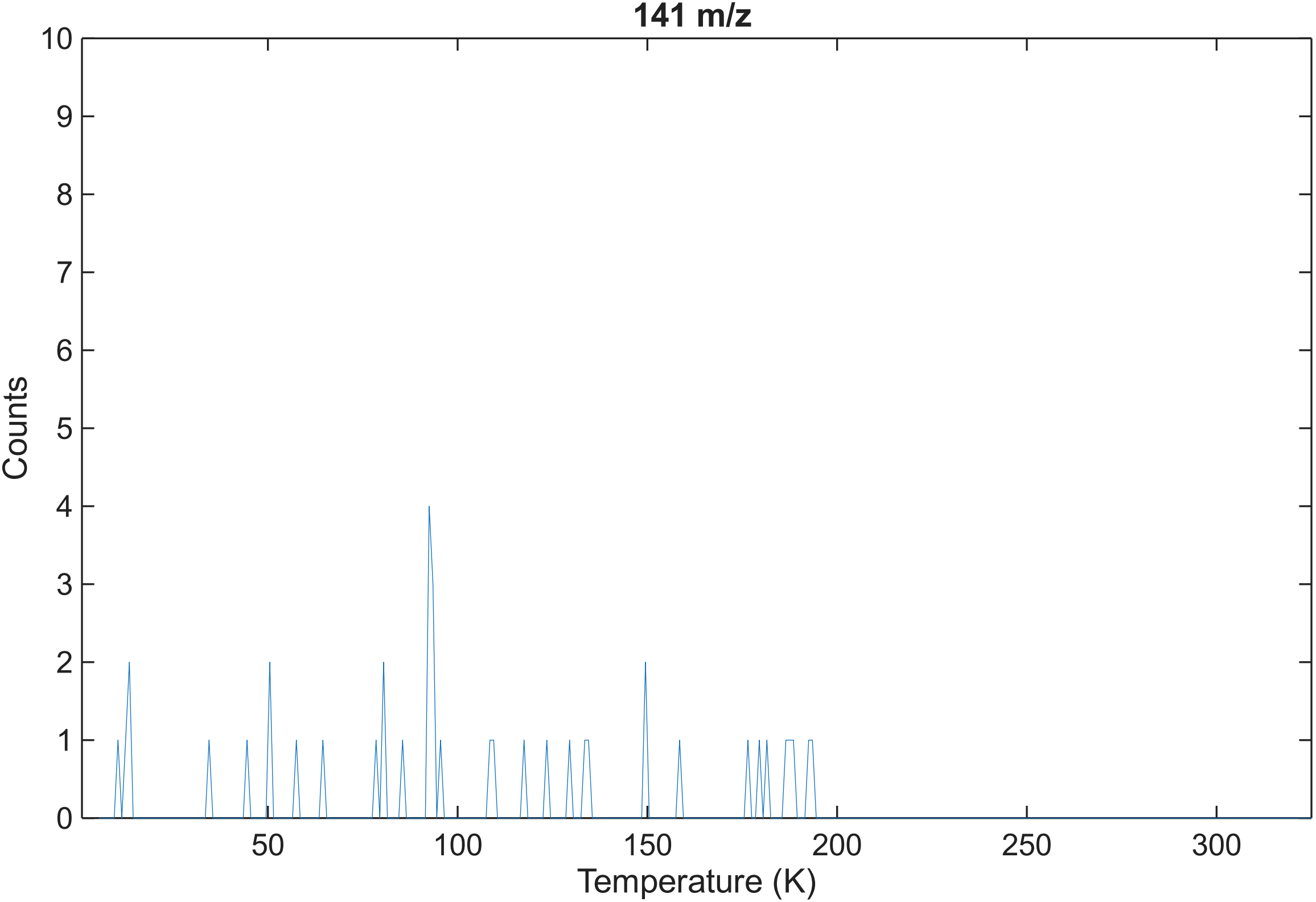

136 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

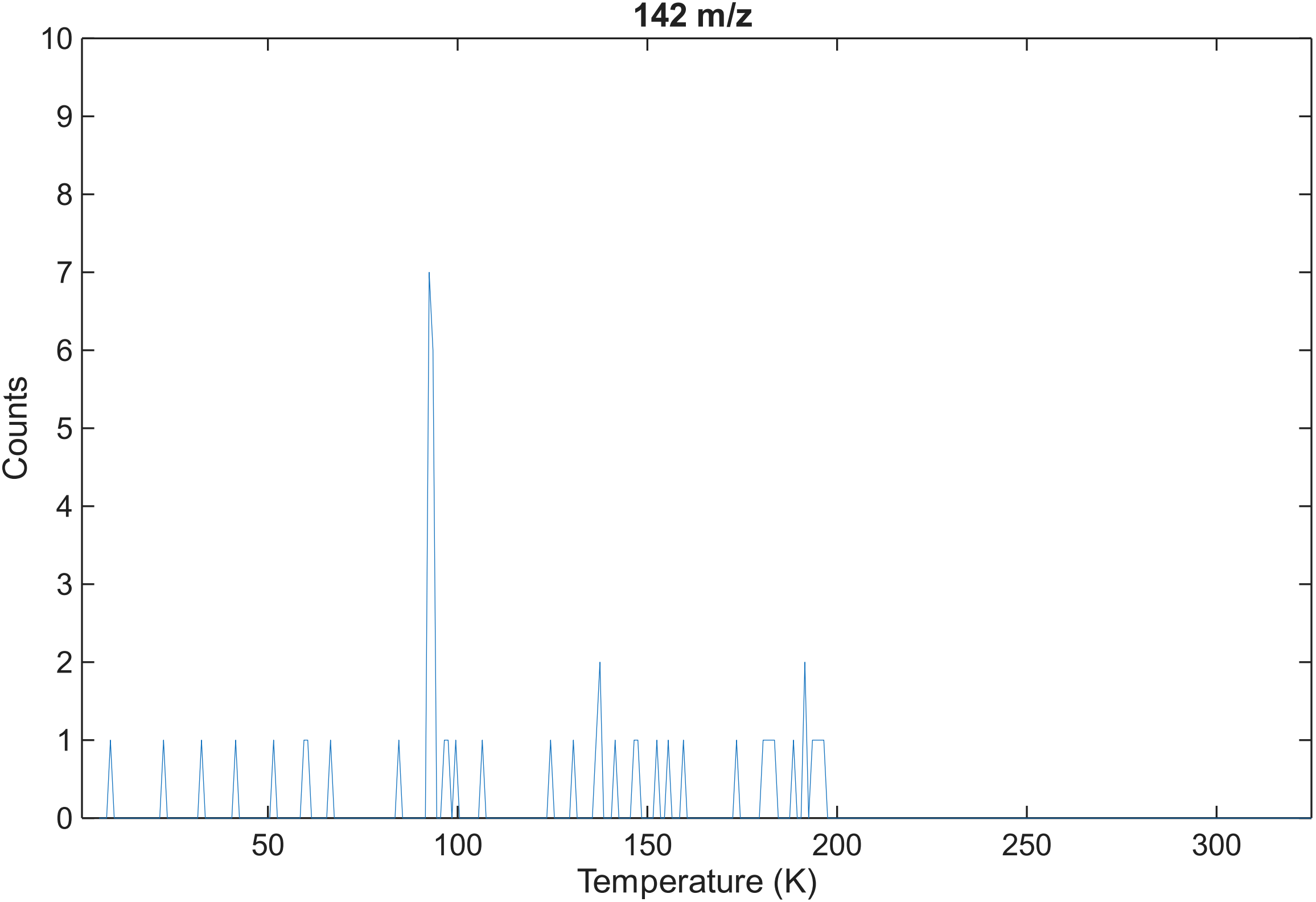

137 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

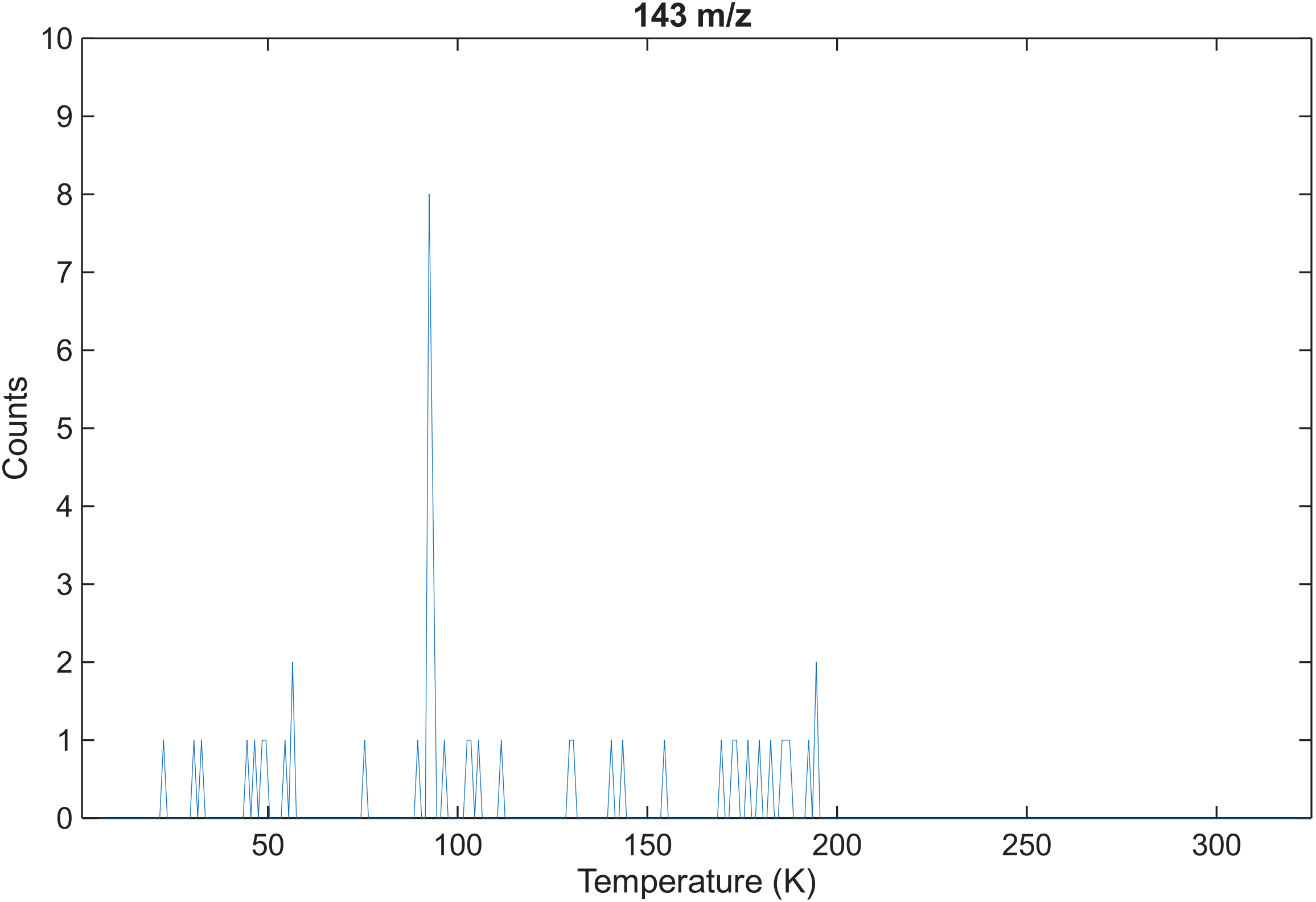

138 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

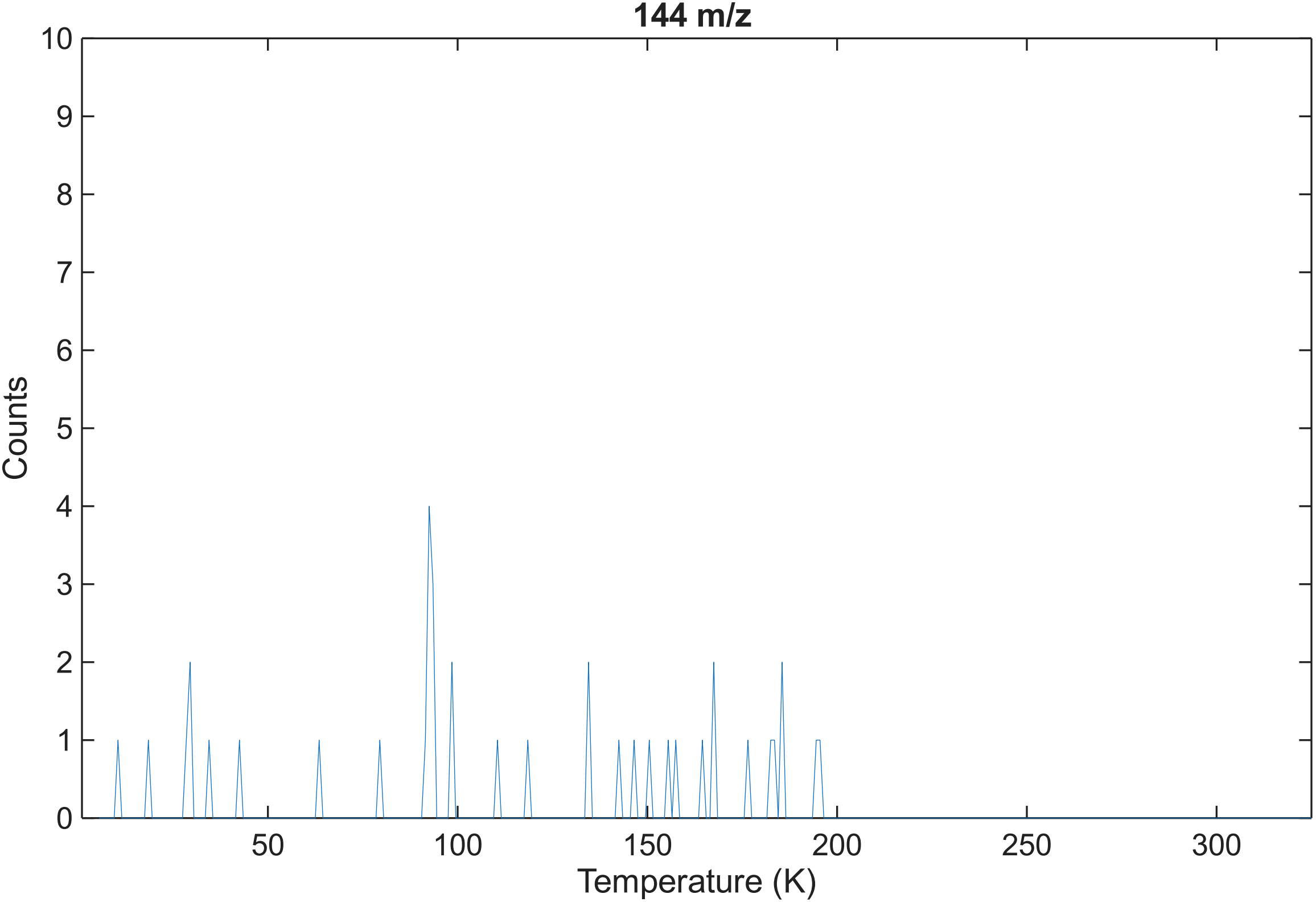

139 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

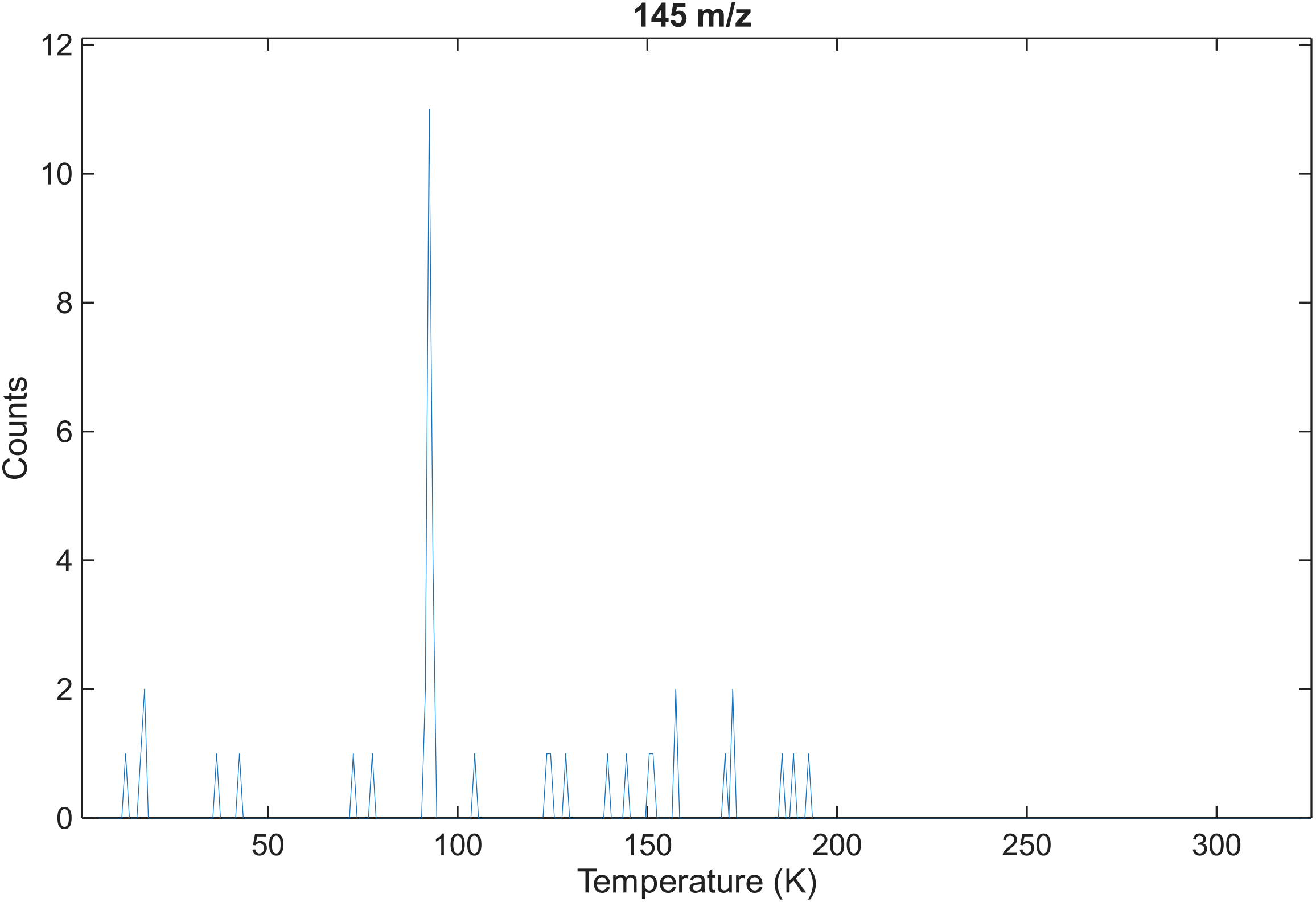

140 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

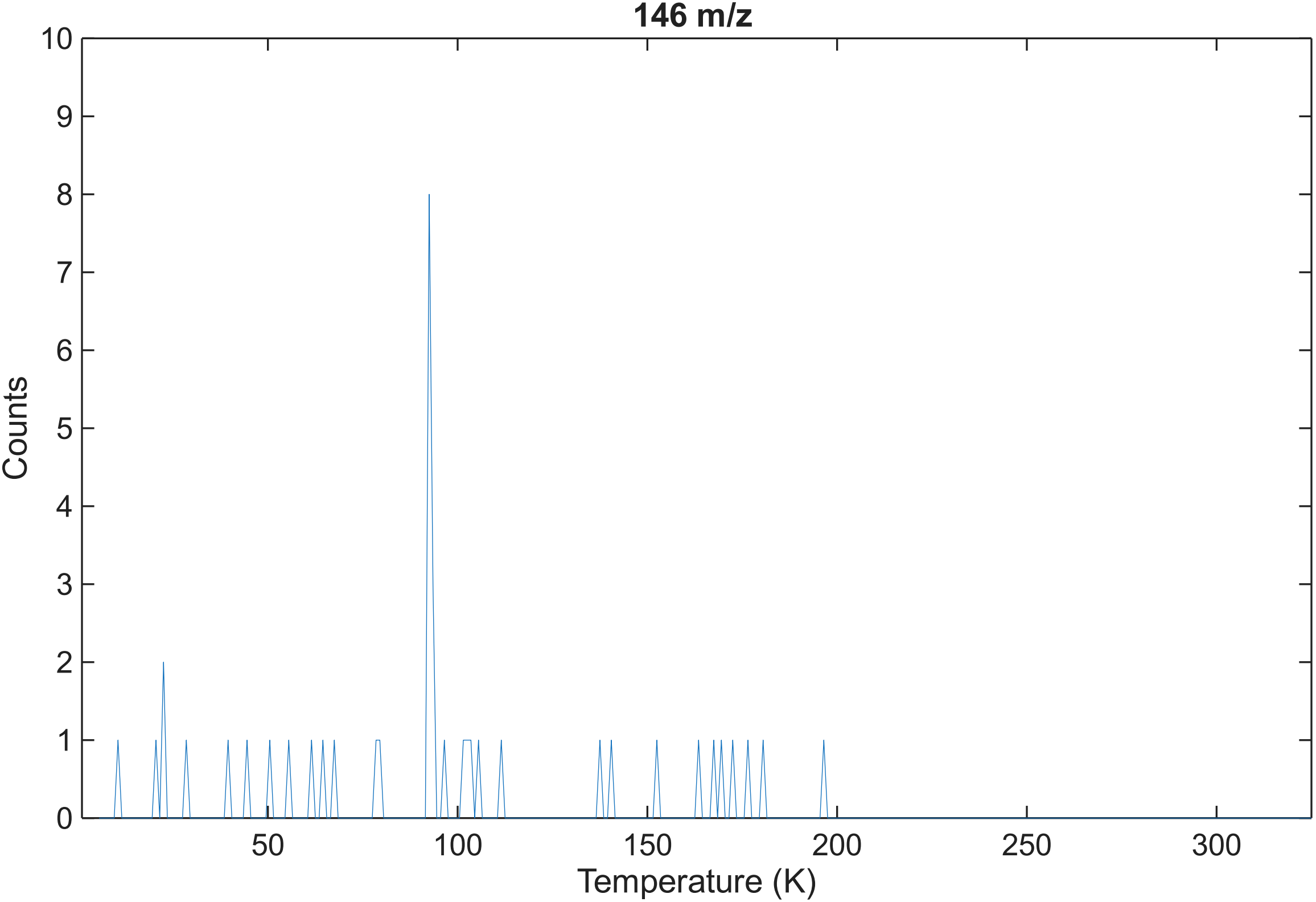

141 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

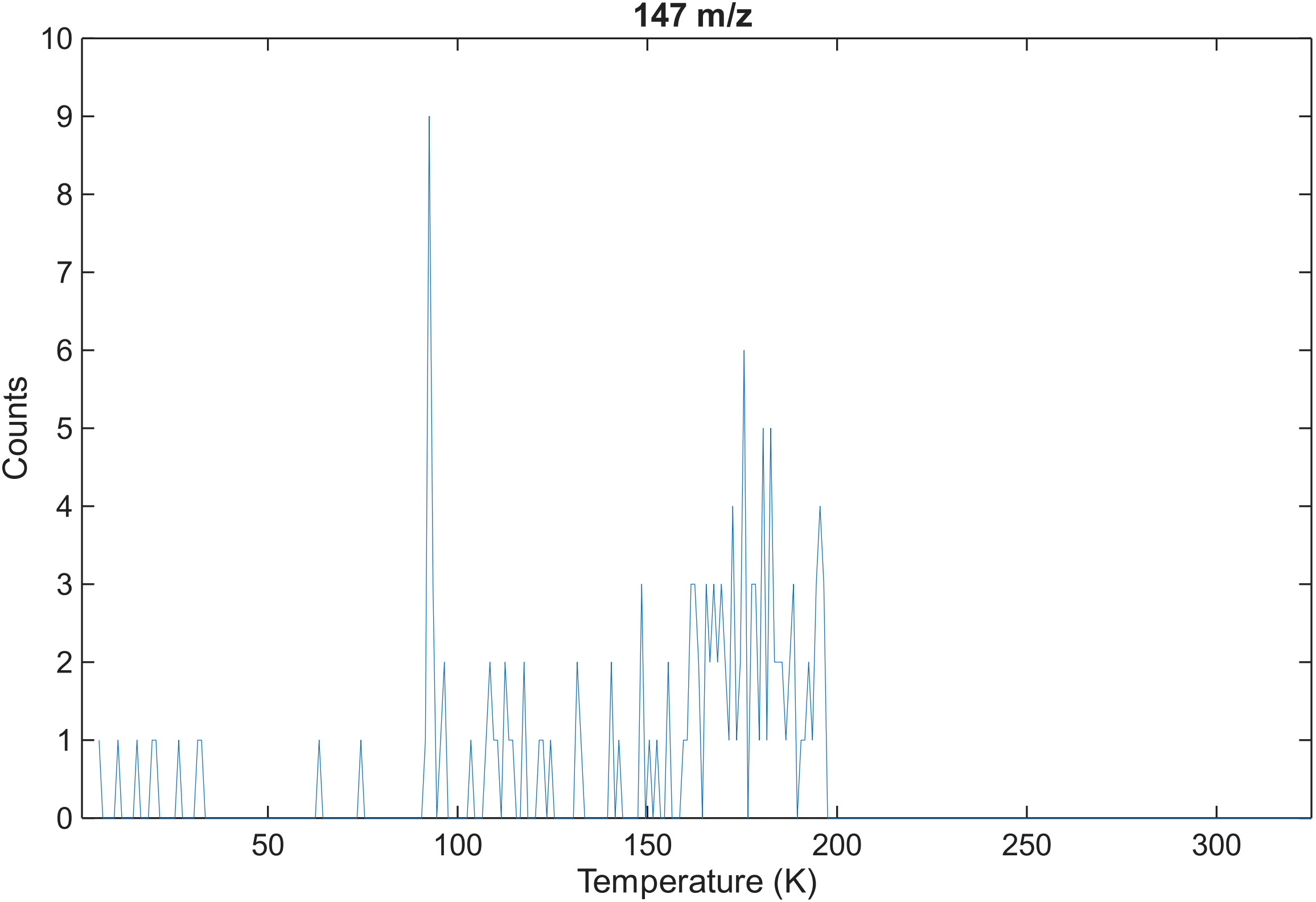

142 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

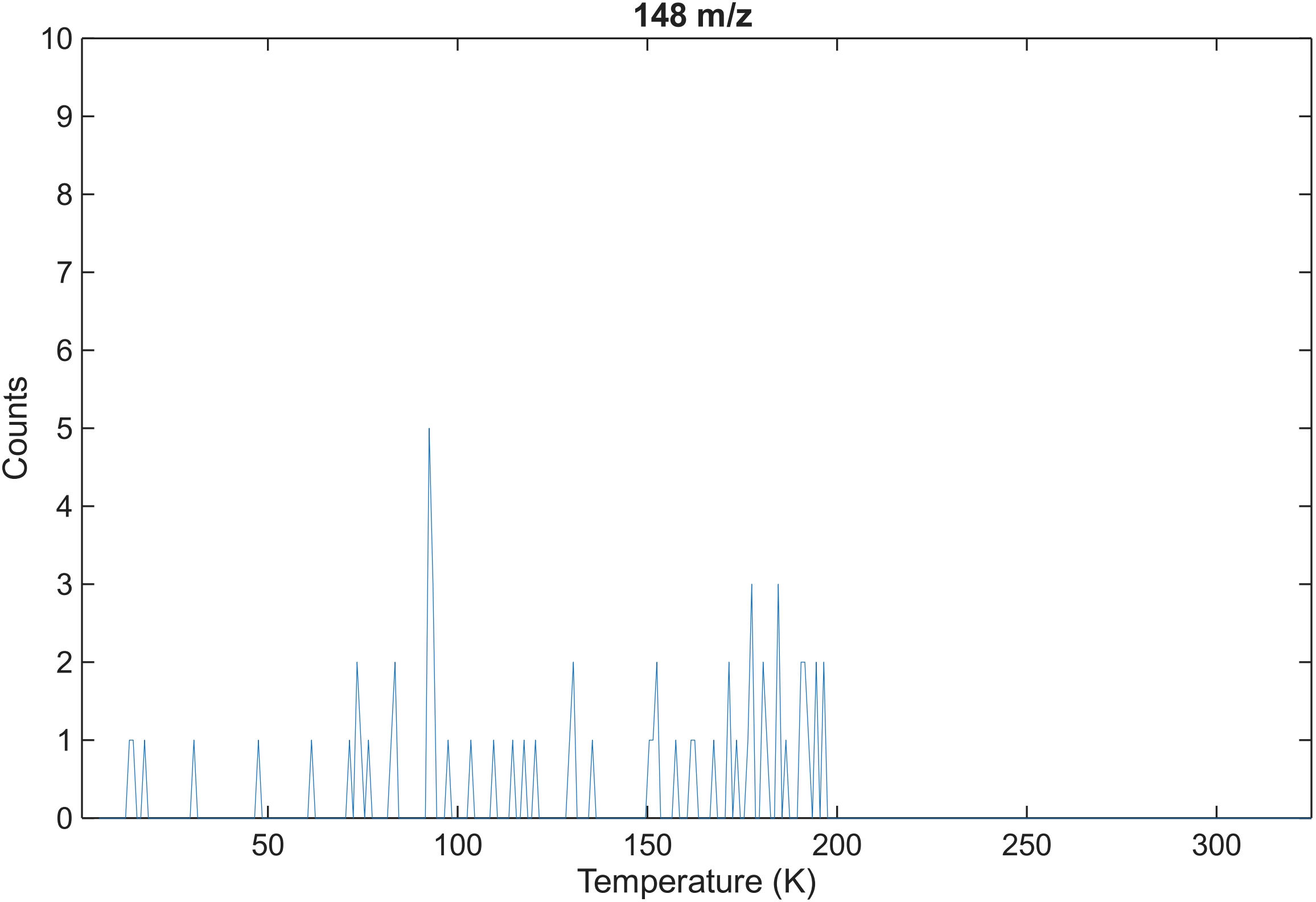

143 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

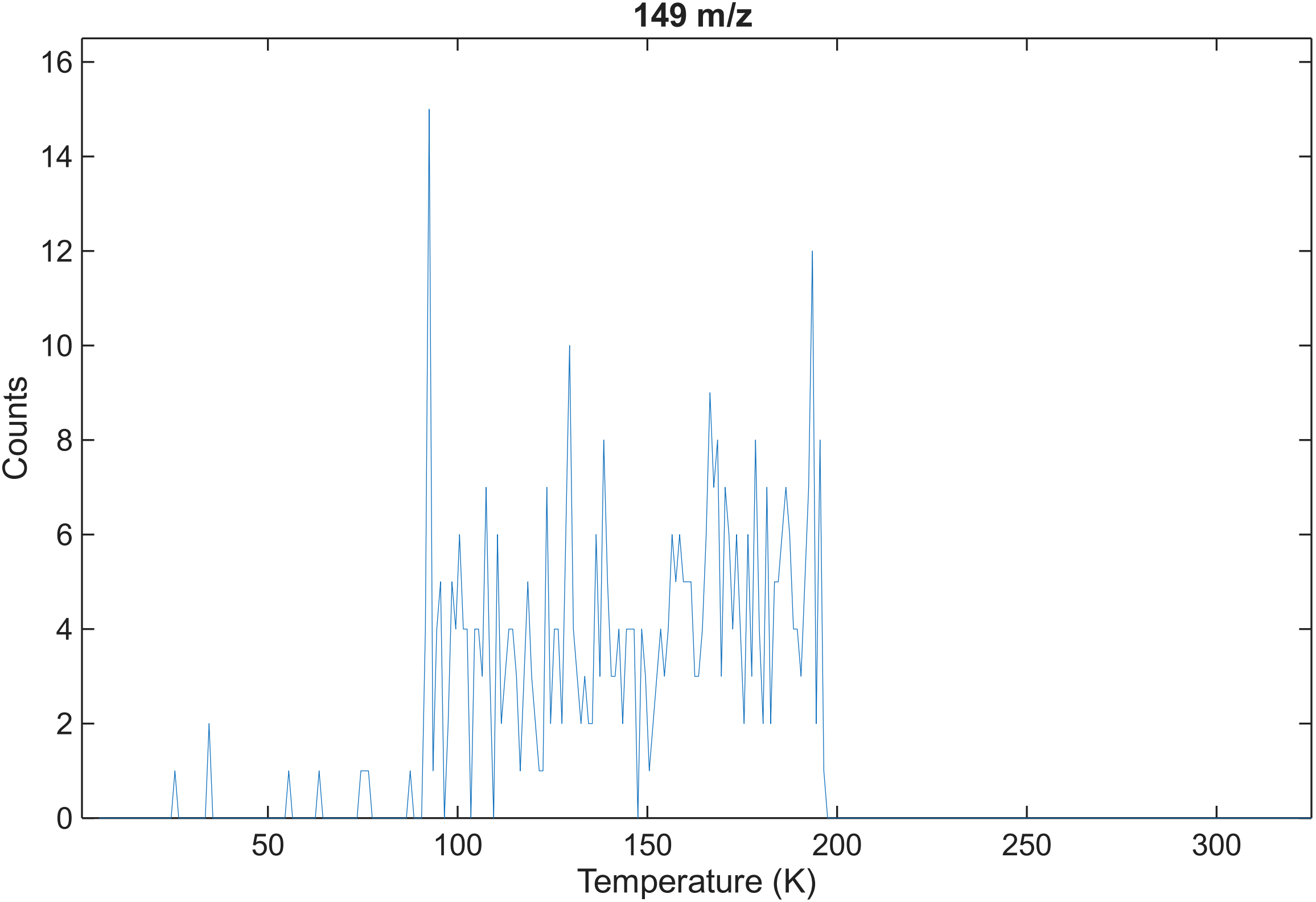

144 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

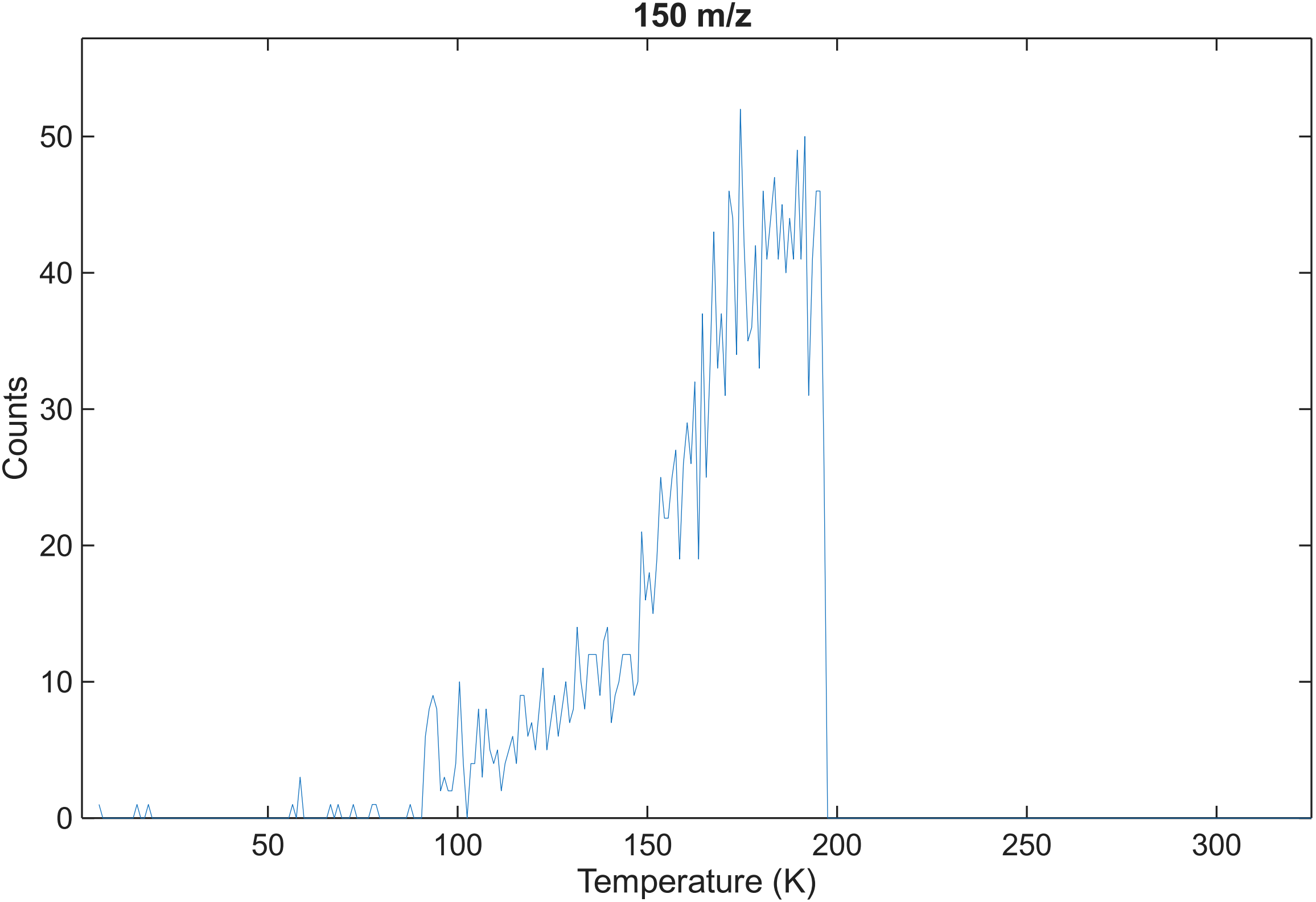

145 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

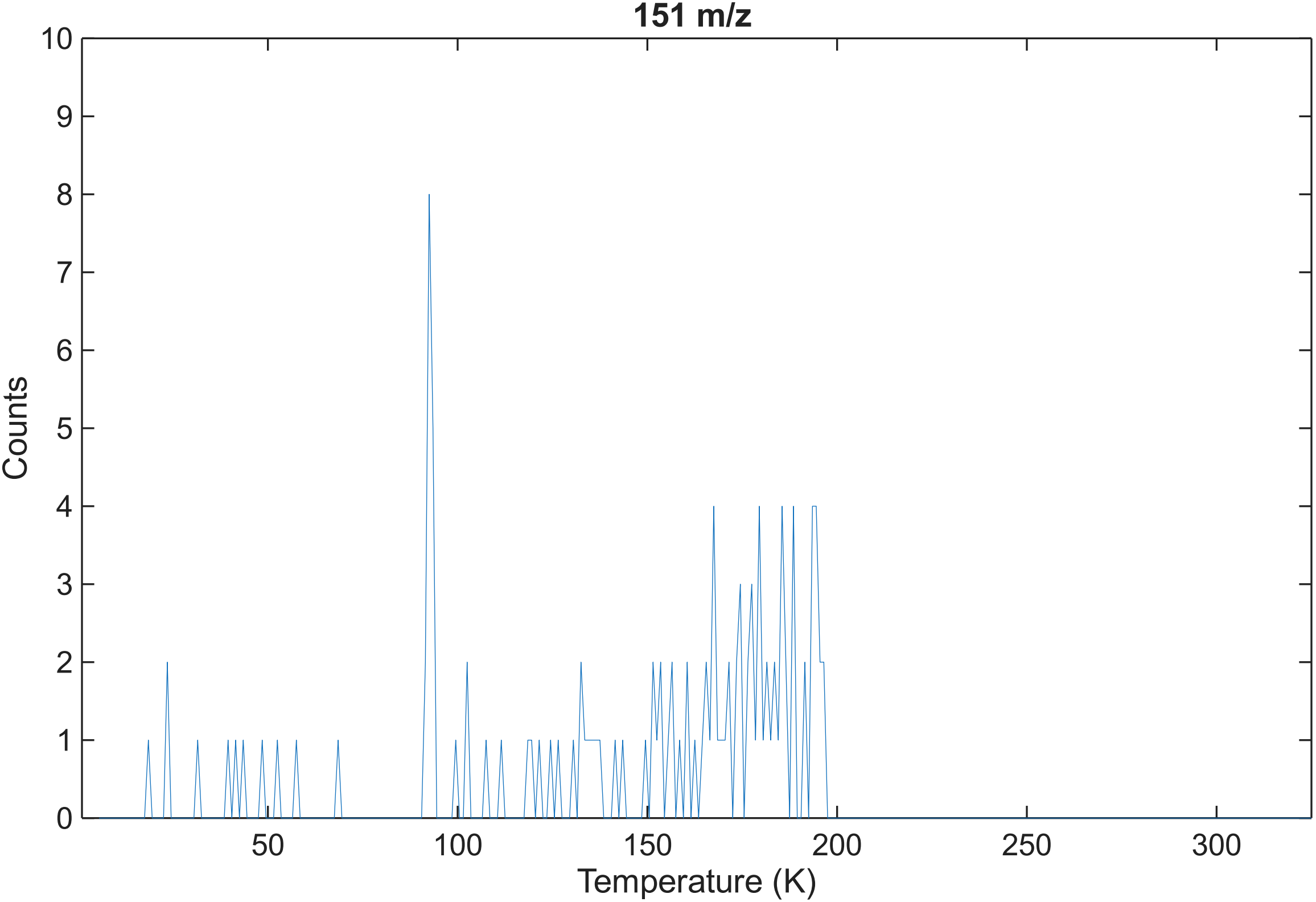

146 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

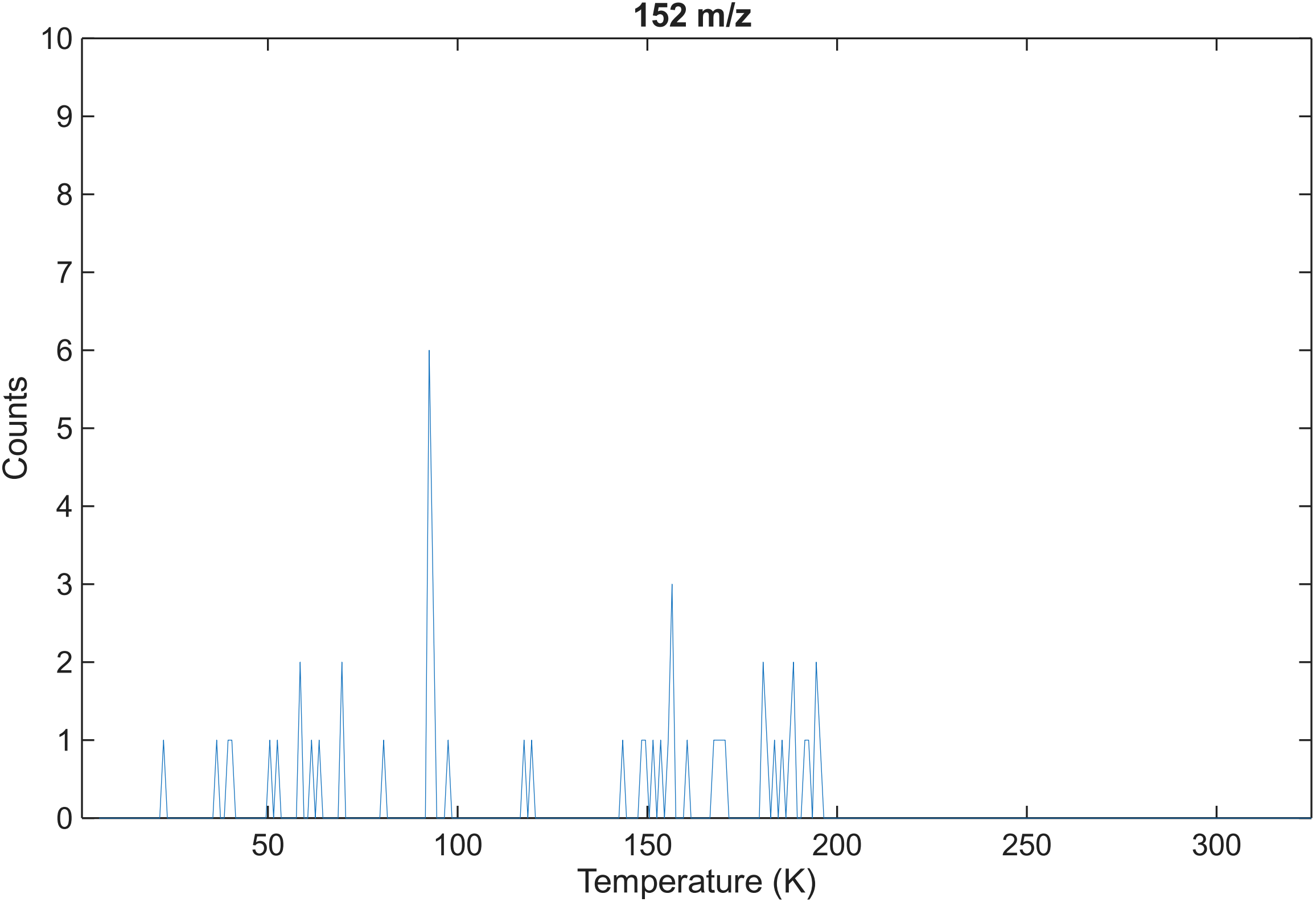

147 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

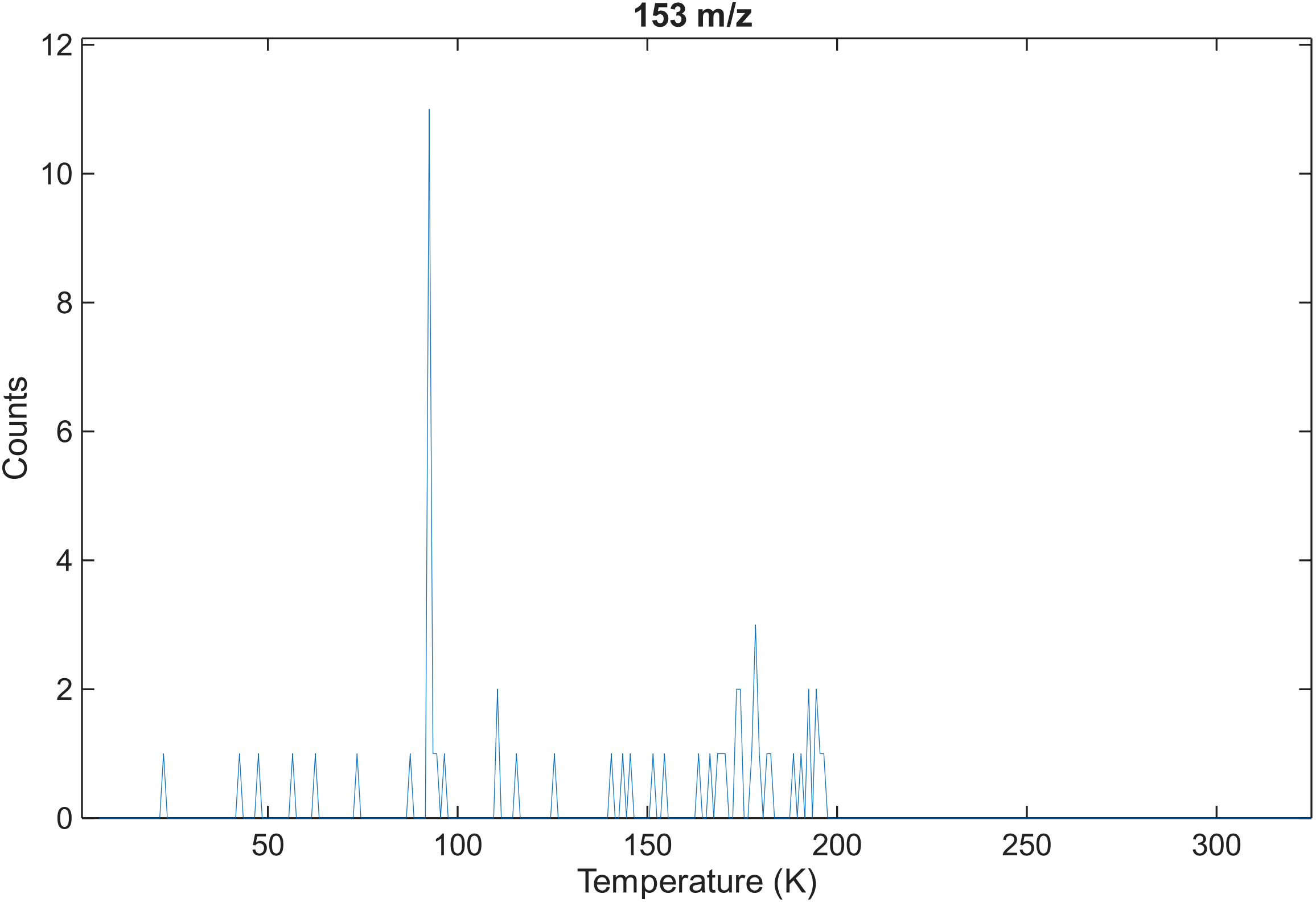

148 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

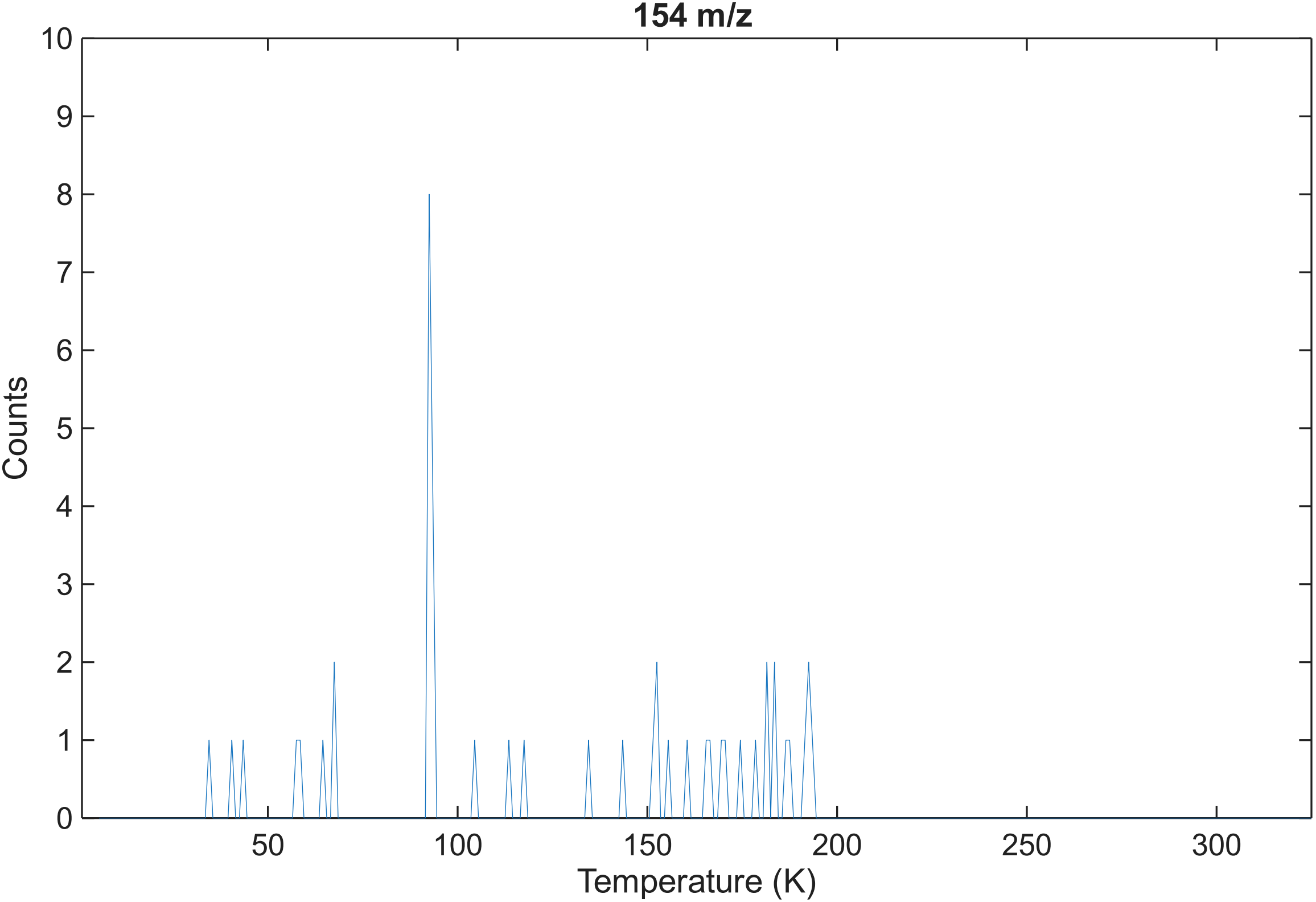

149 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

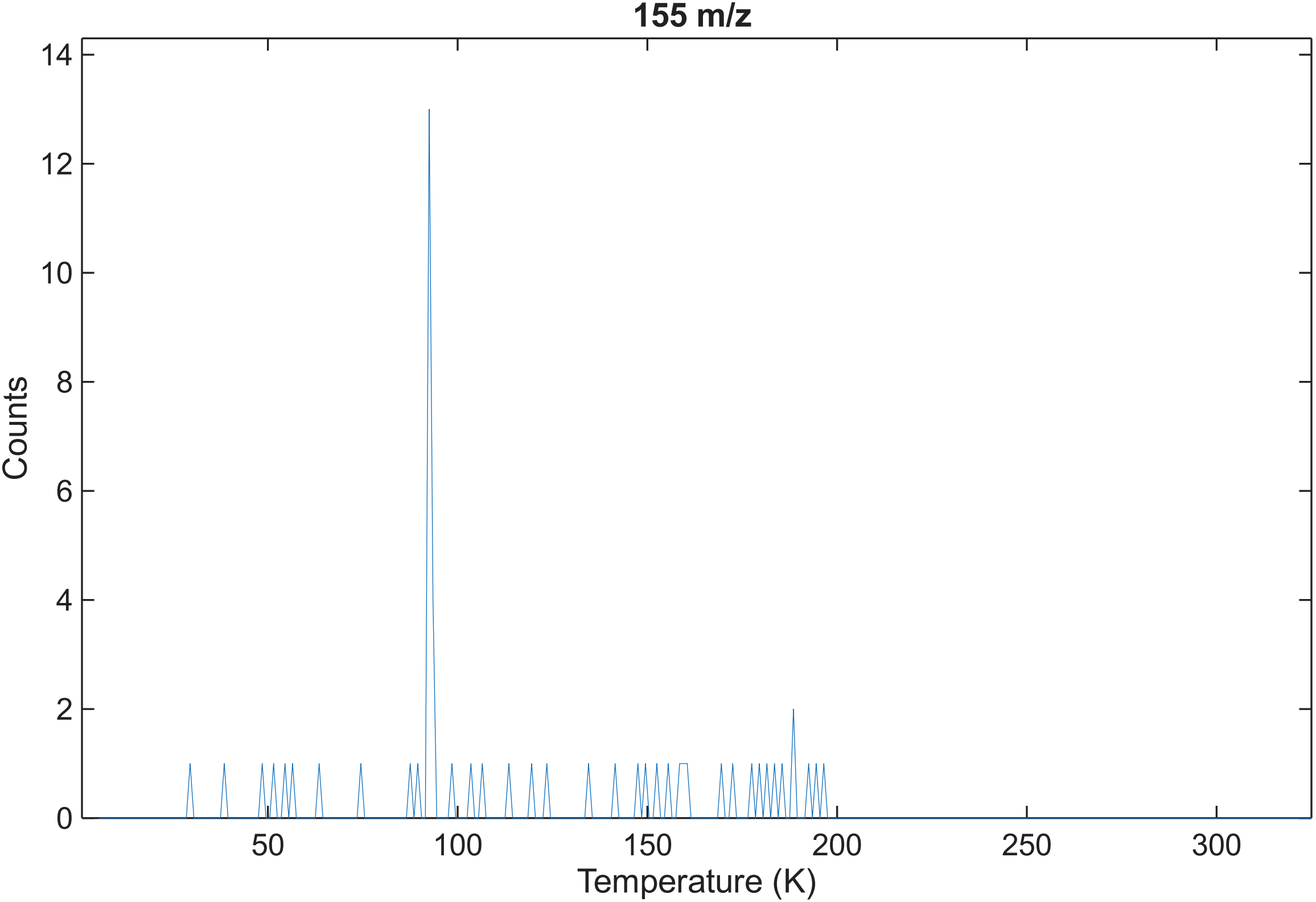

150 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

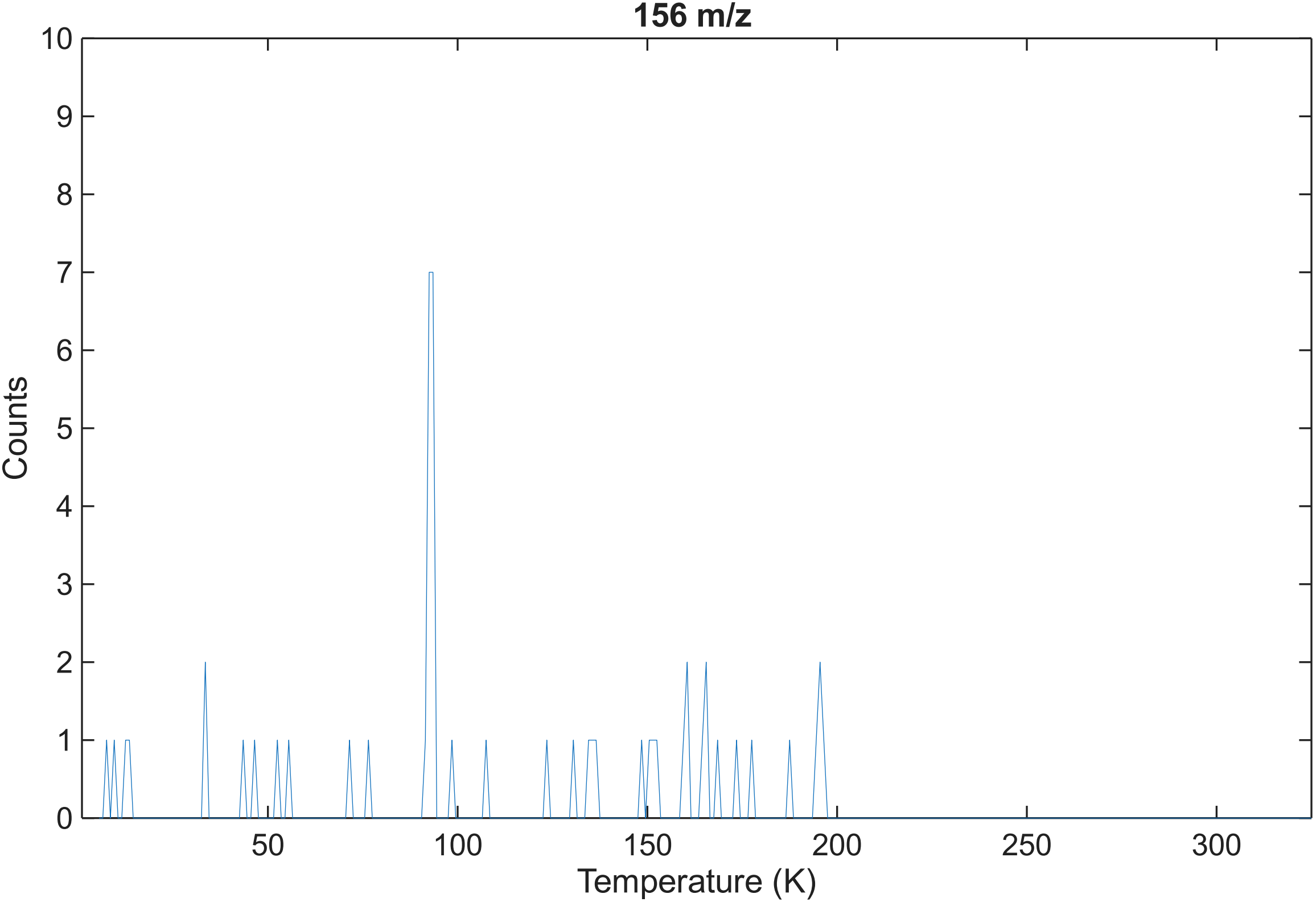

151 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

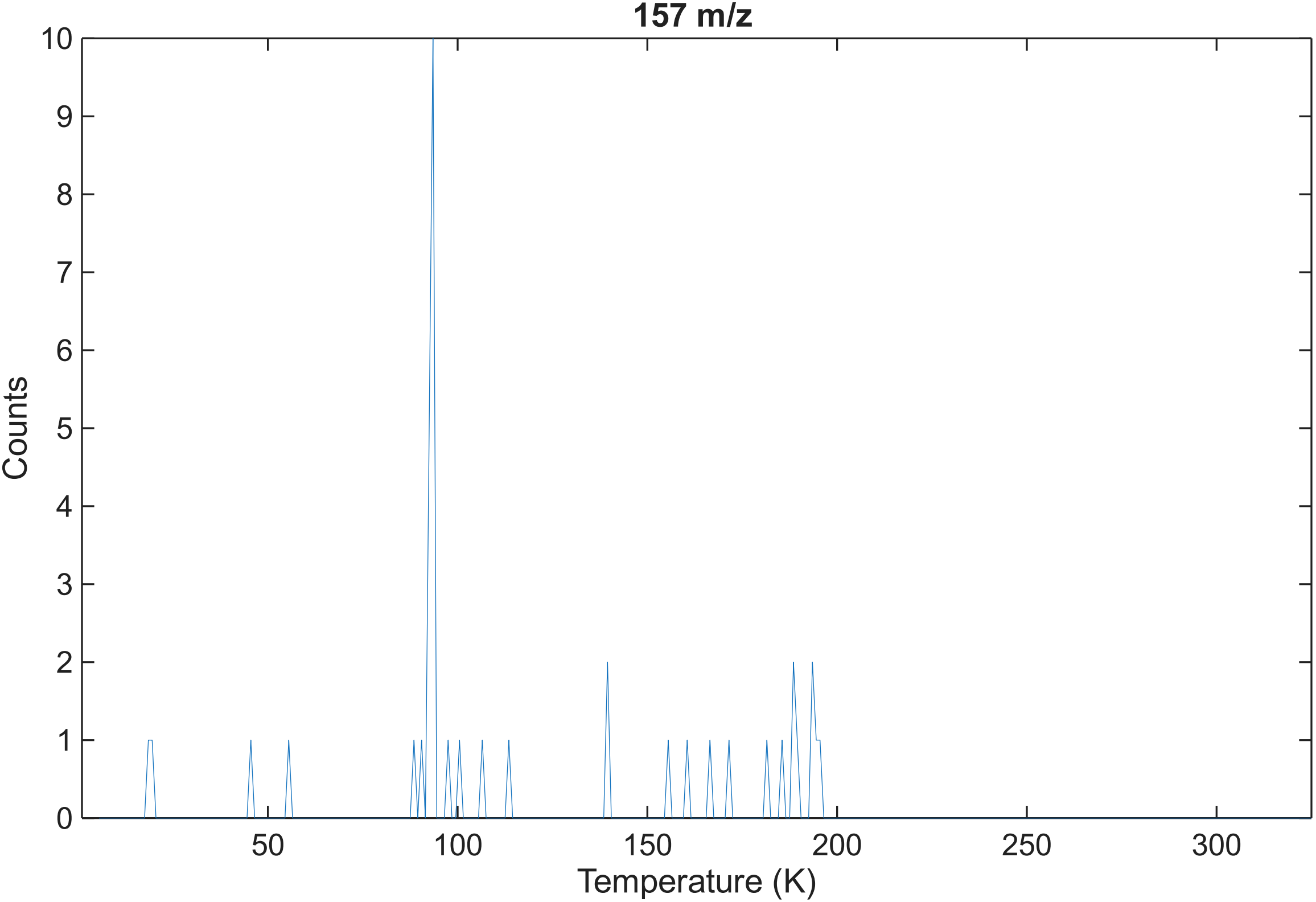

152 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

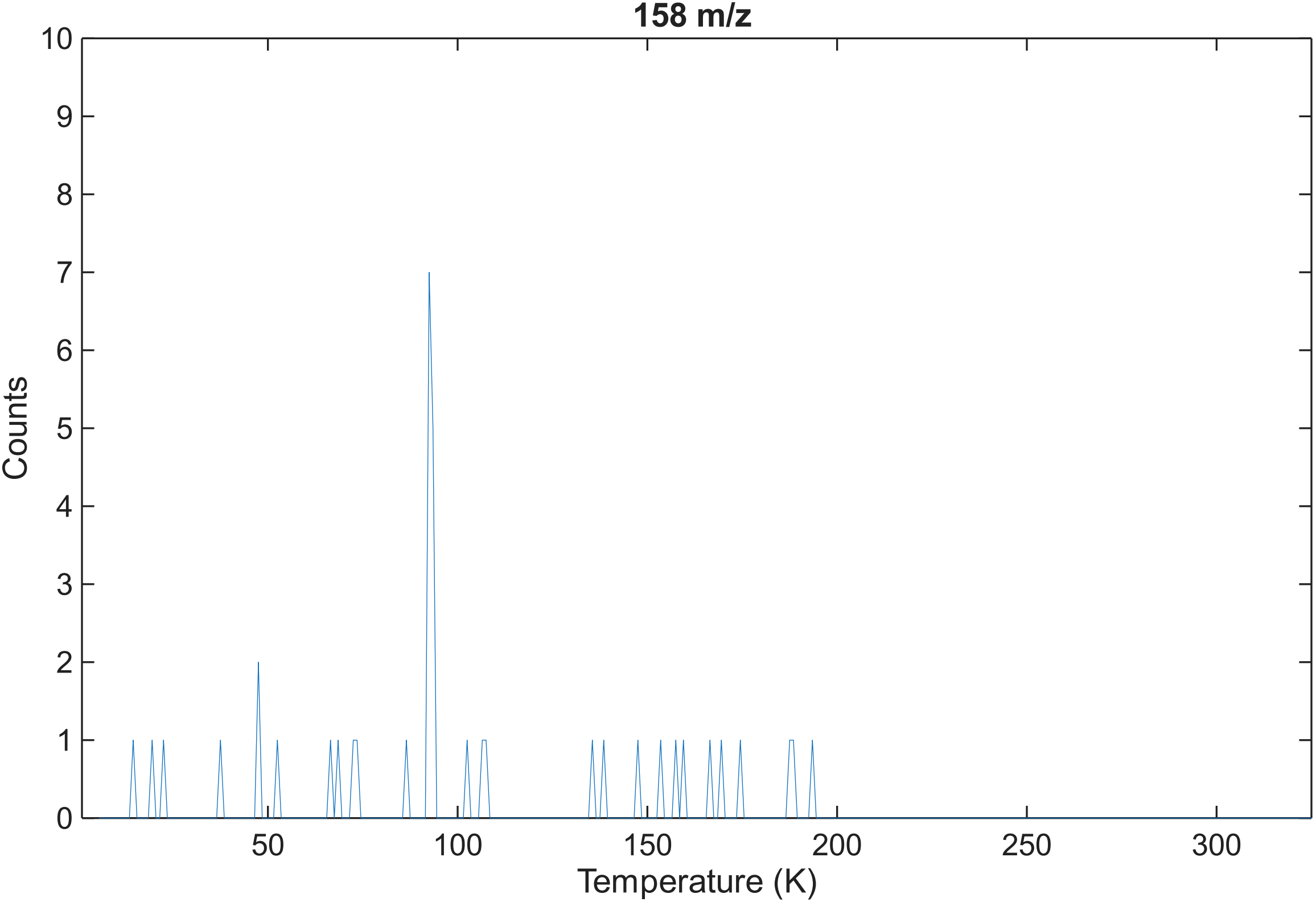

153 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

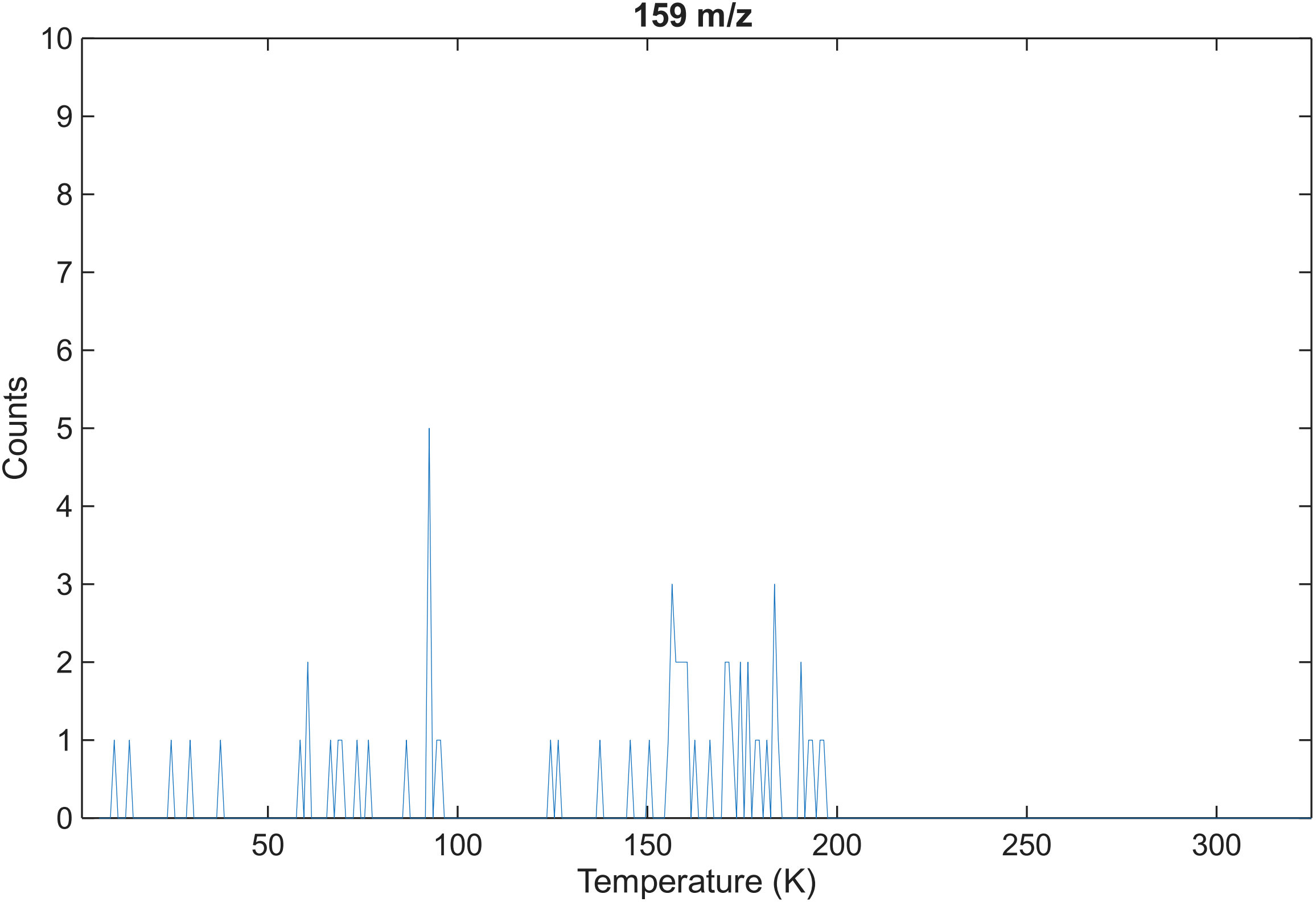

154 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

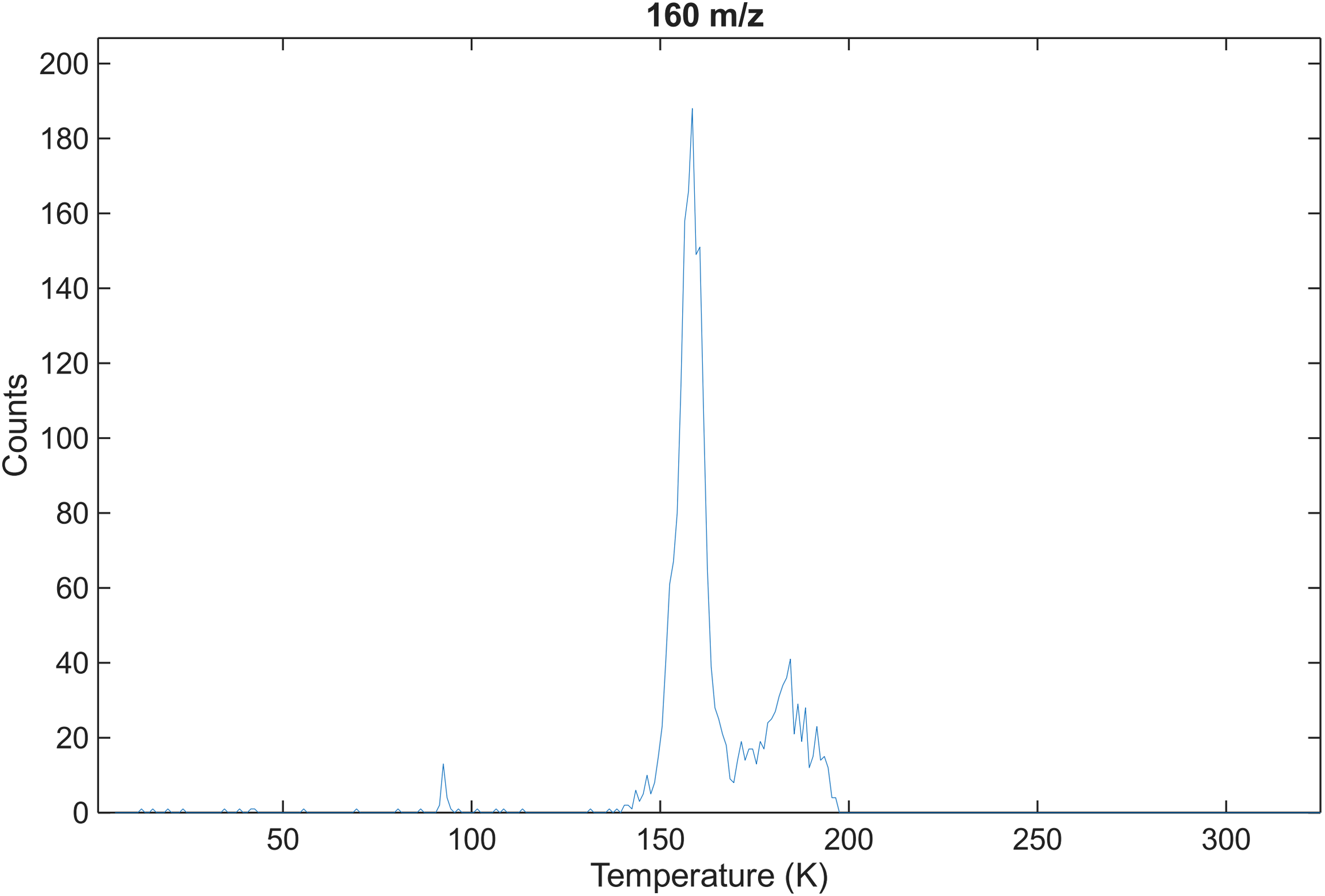

155 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

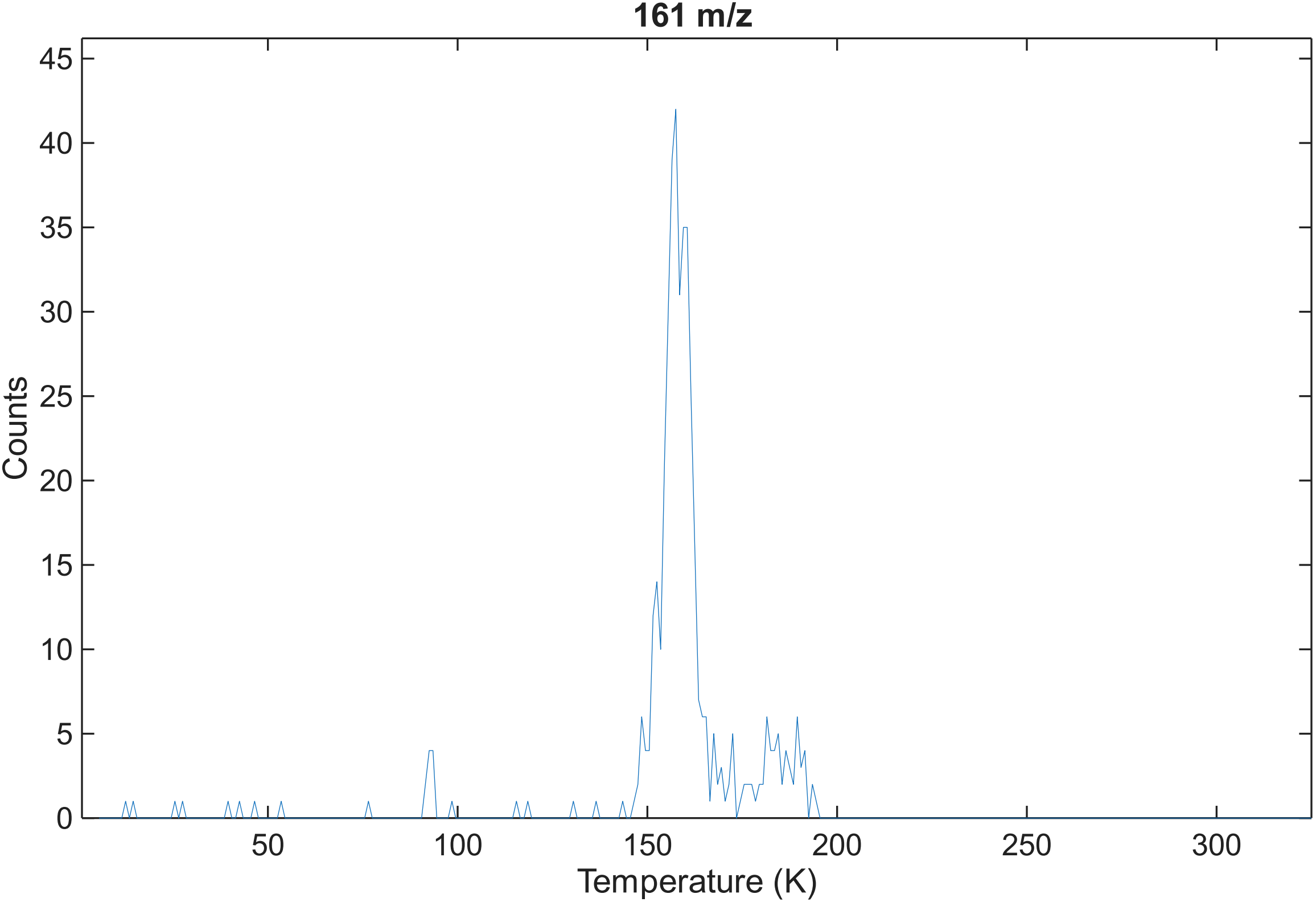

156 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

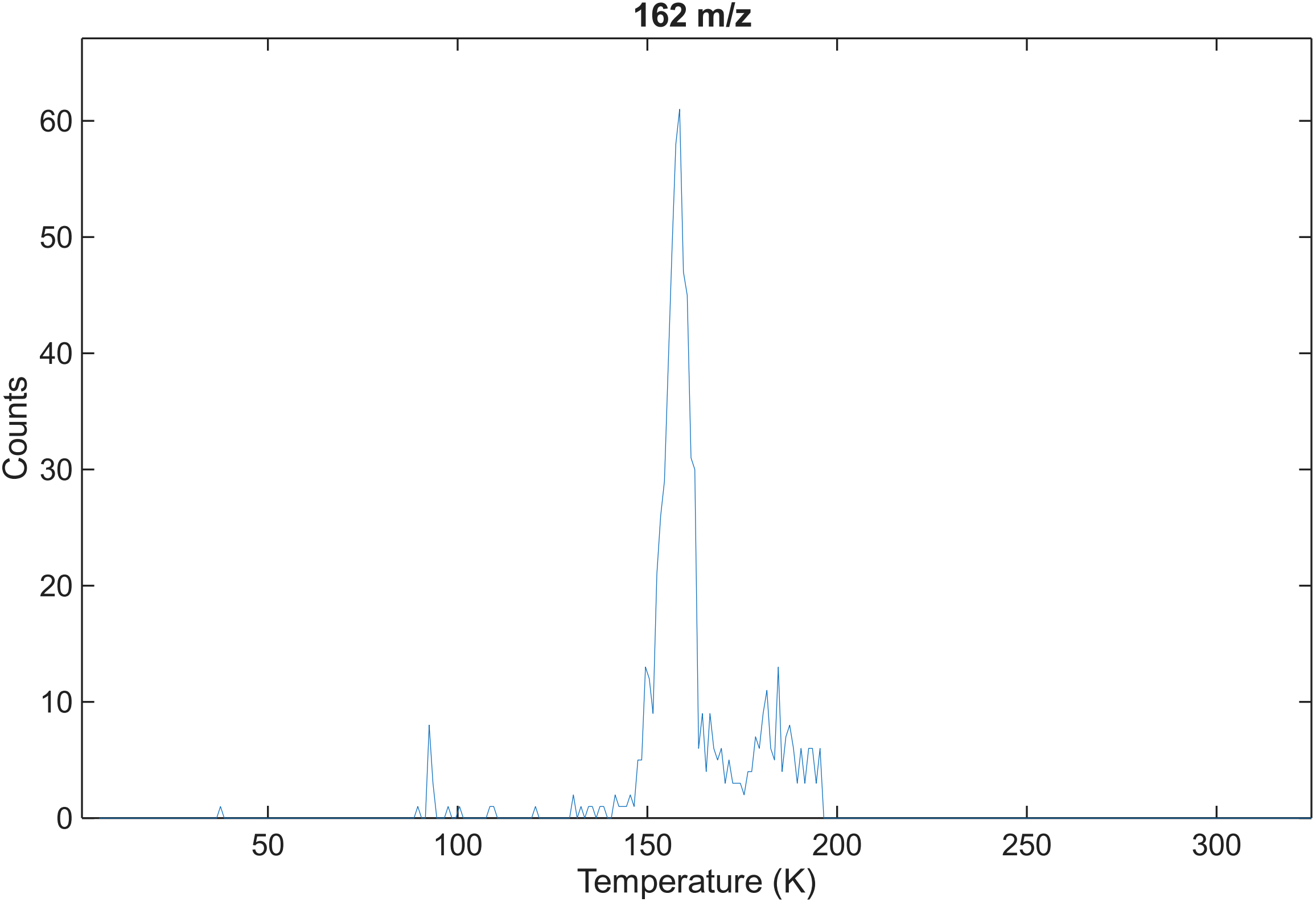

157 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

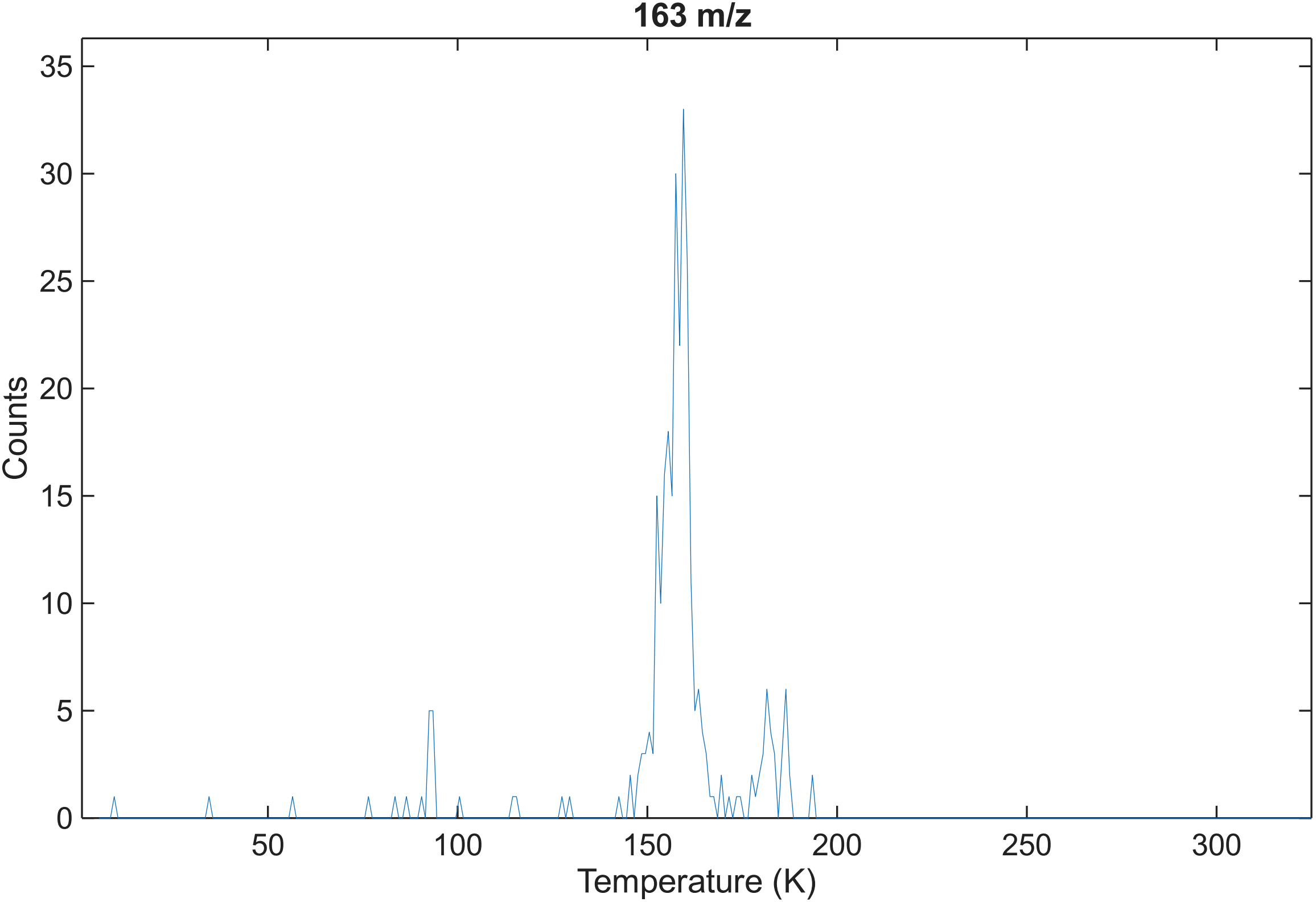

158 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

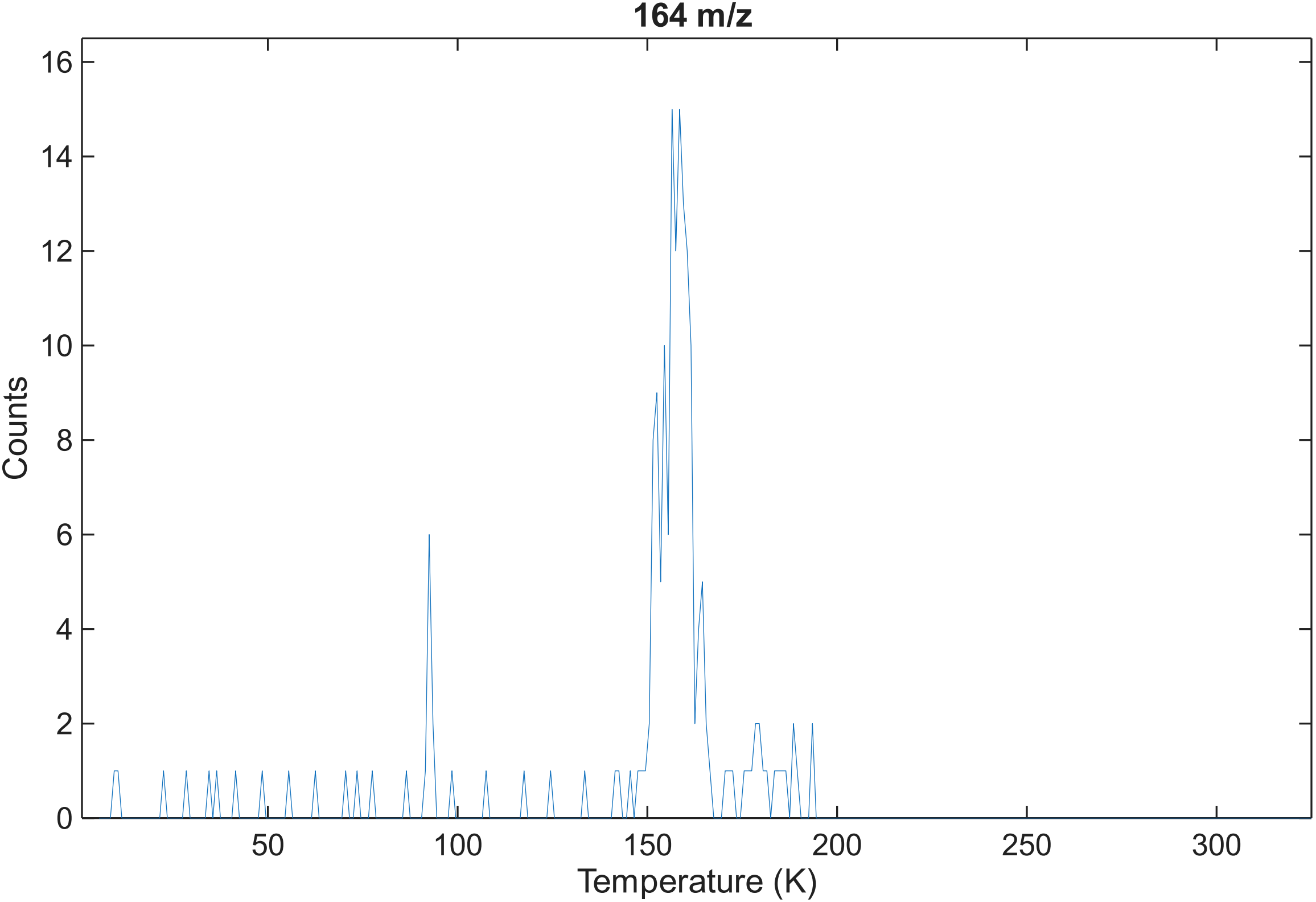

159 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

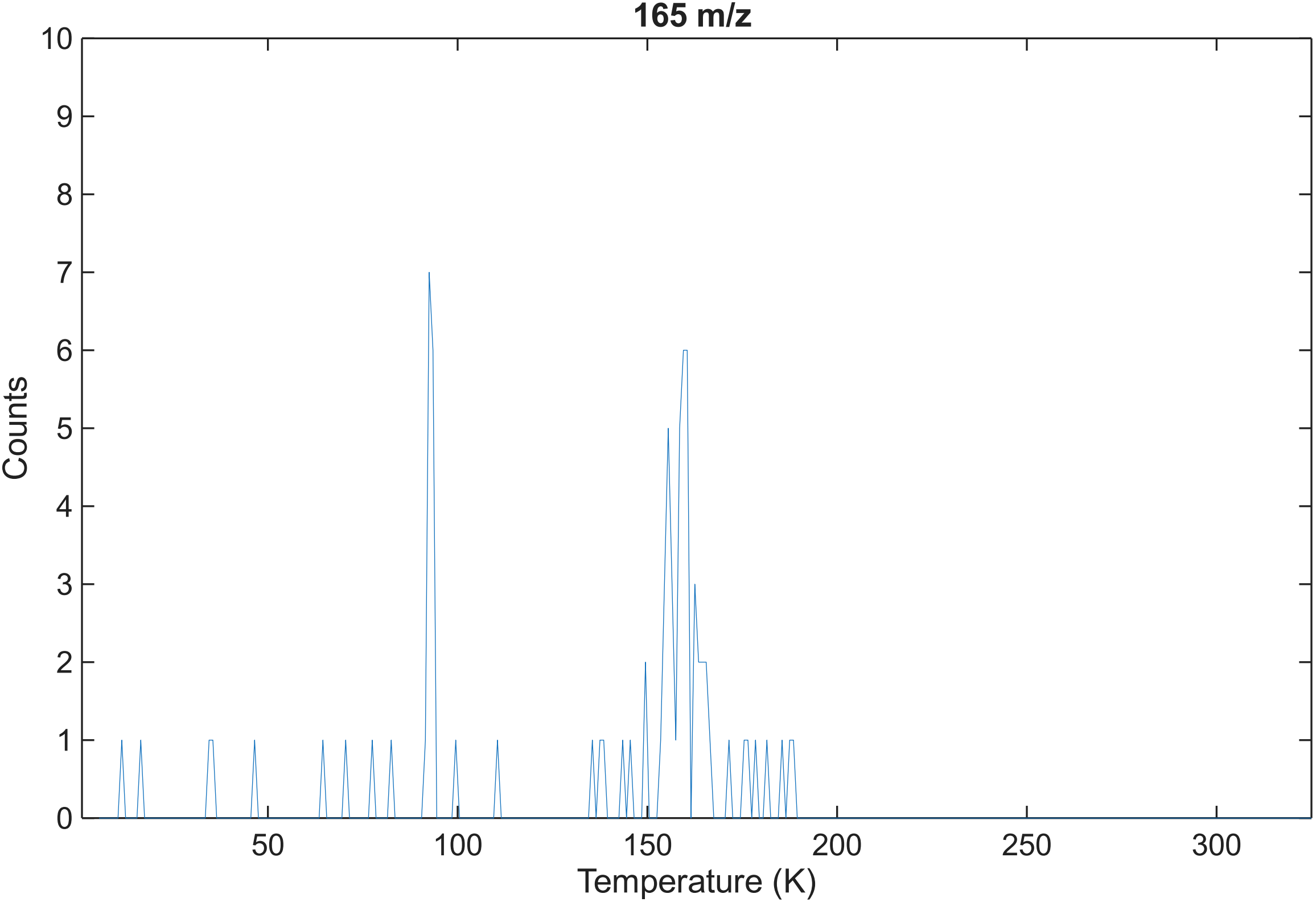

160 m/z
Counts
Temperature (K)
0
20
40
60
80
100
120
140
160
180
200
50
100
150
200
250
300

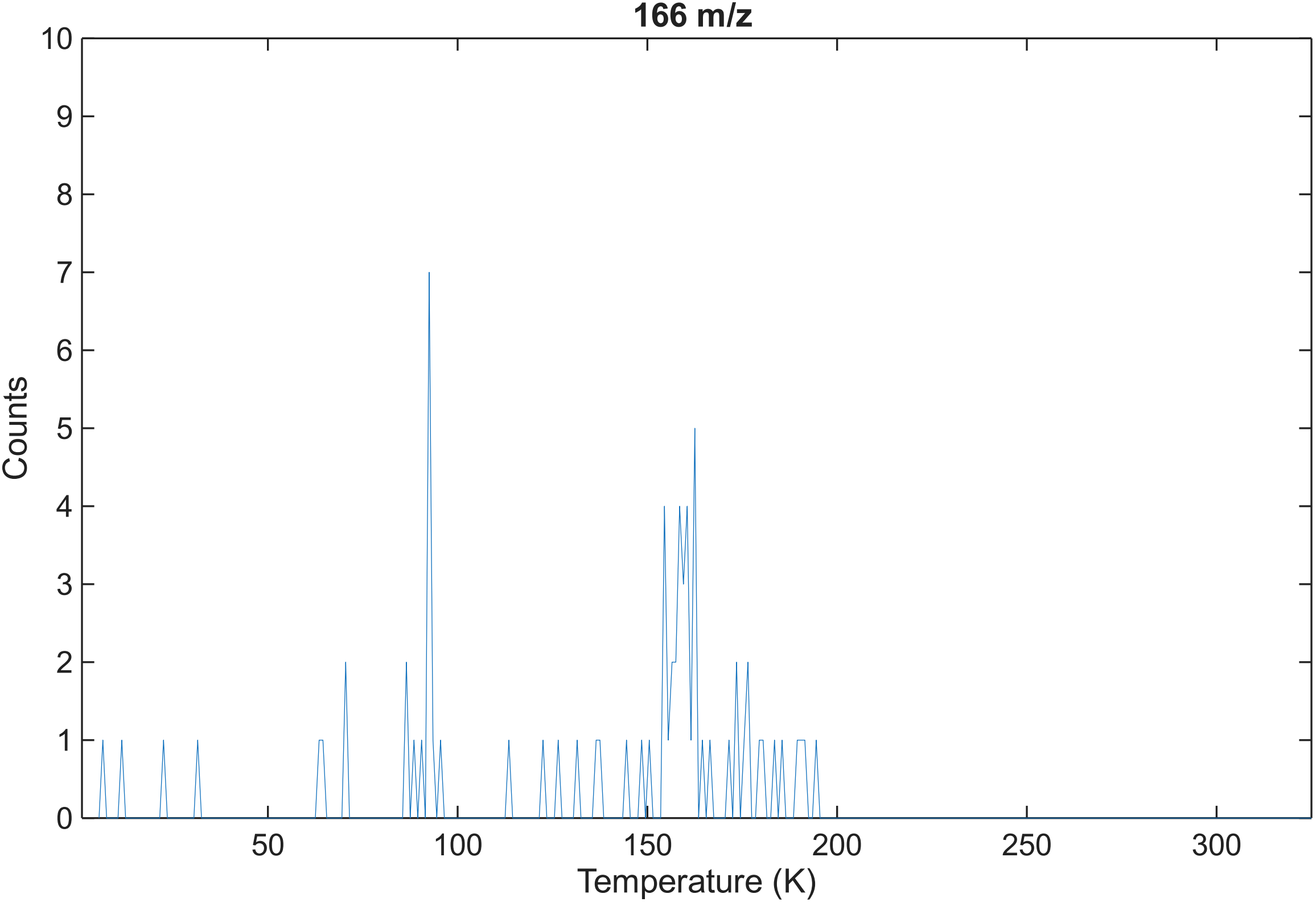

161 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300

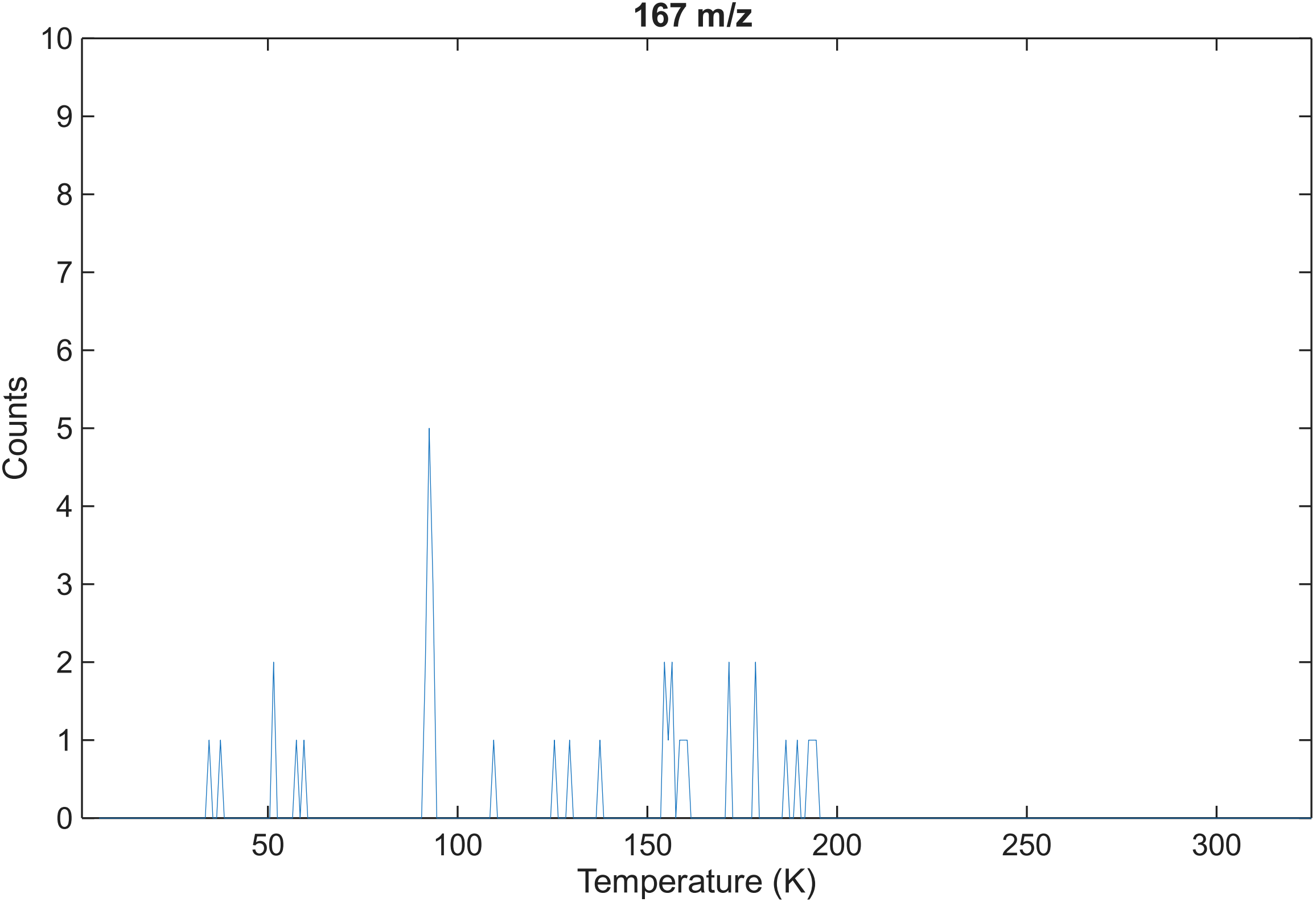

162 m/z
Counts
0
10
20
30
40
50
60
50
100
150
200
250
300
Temperature (K)

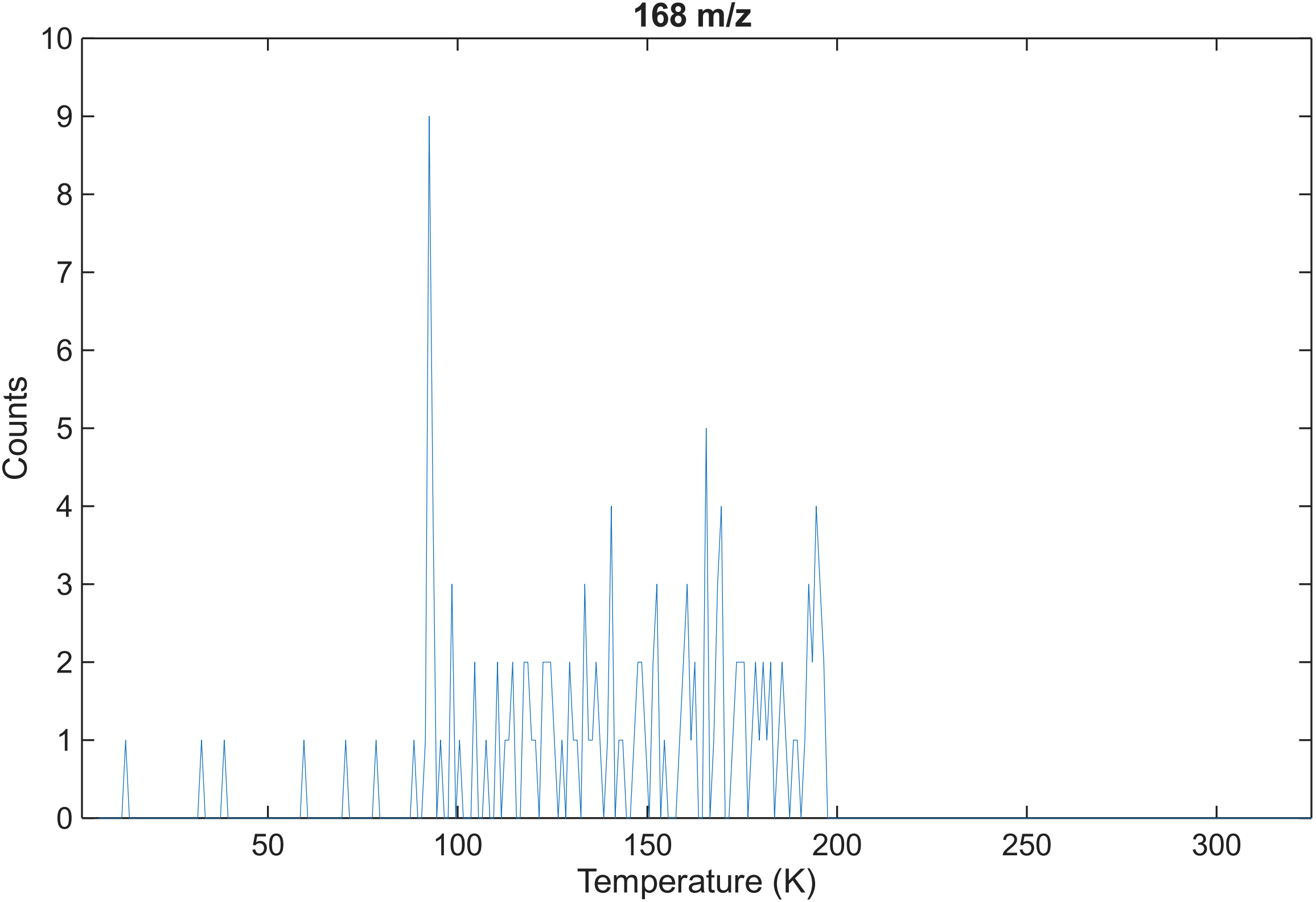

163 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

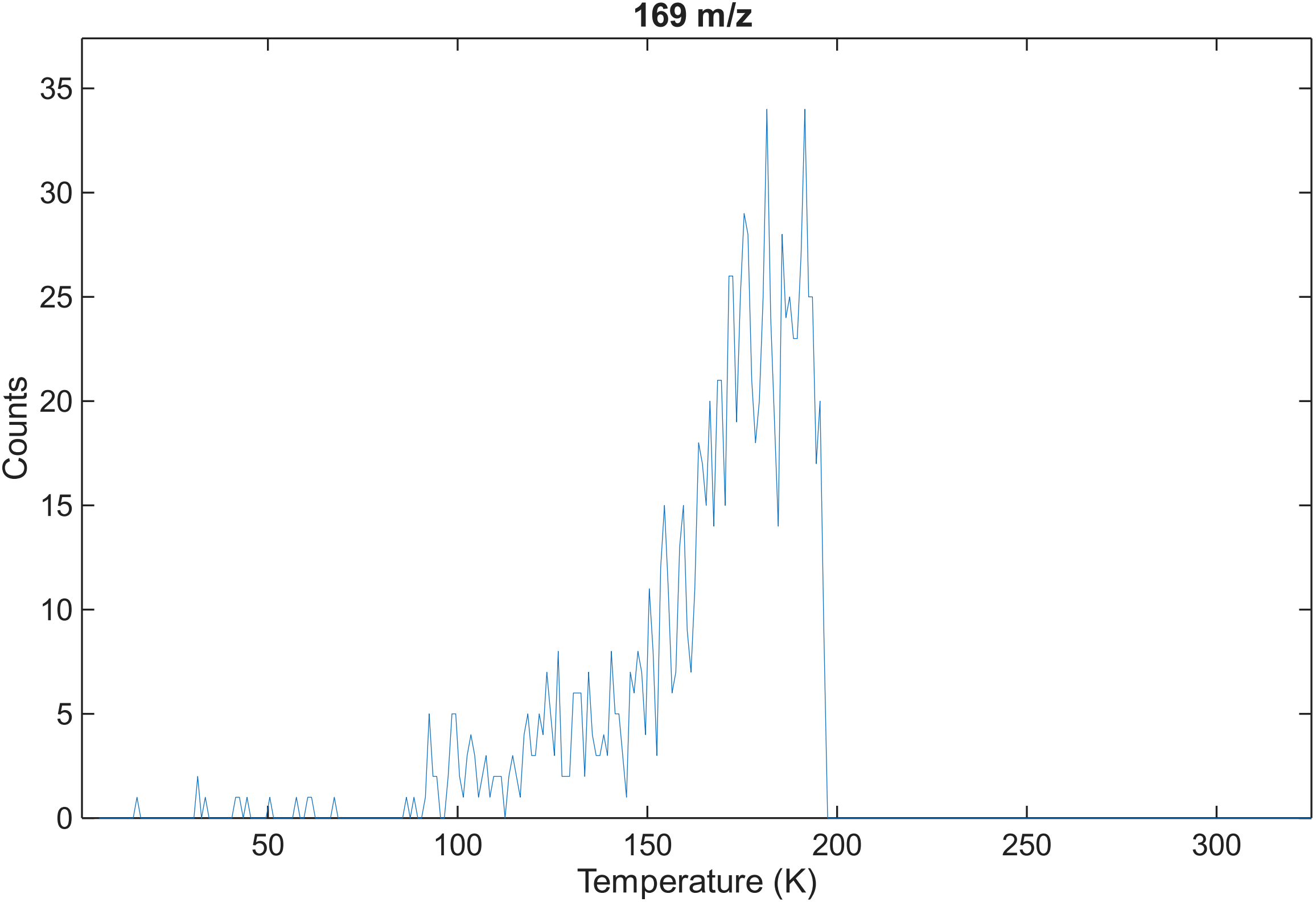

164 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

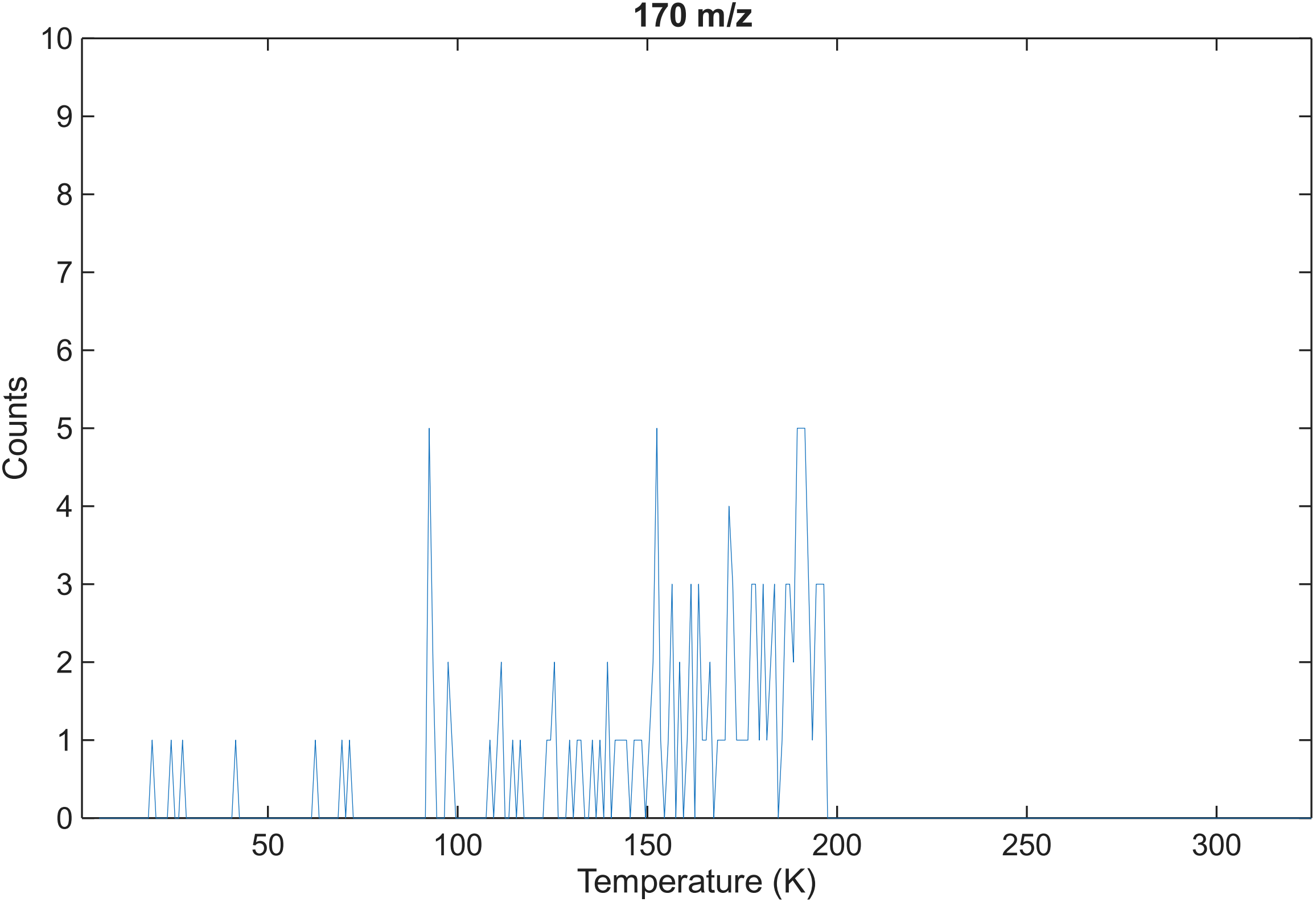

165 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

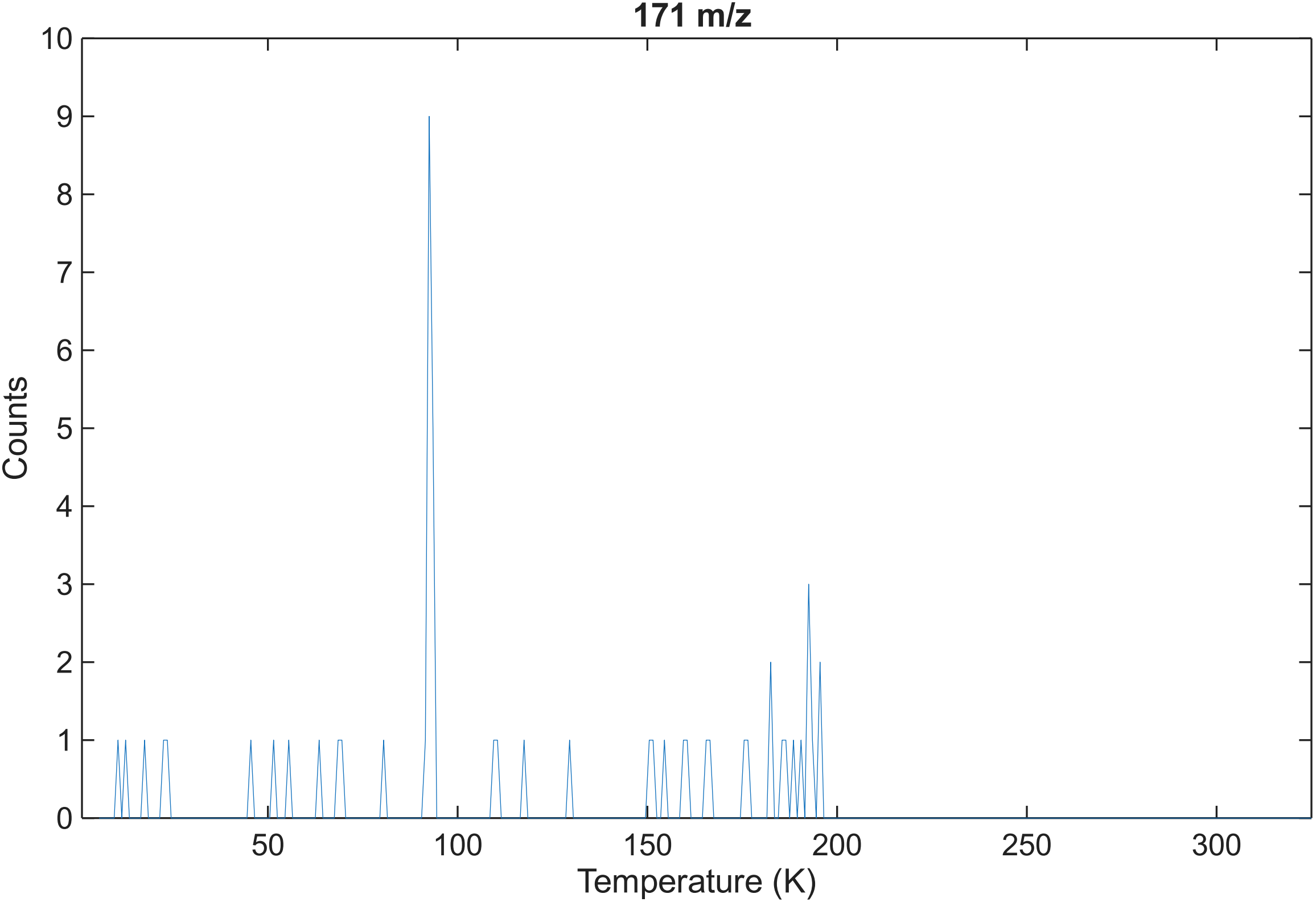

166 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

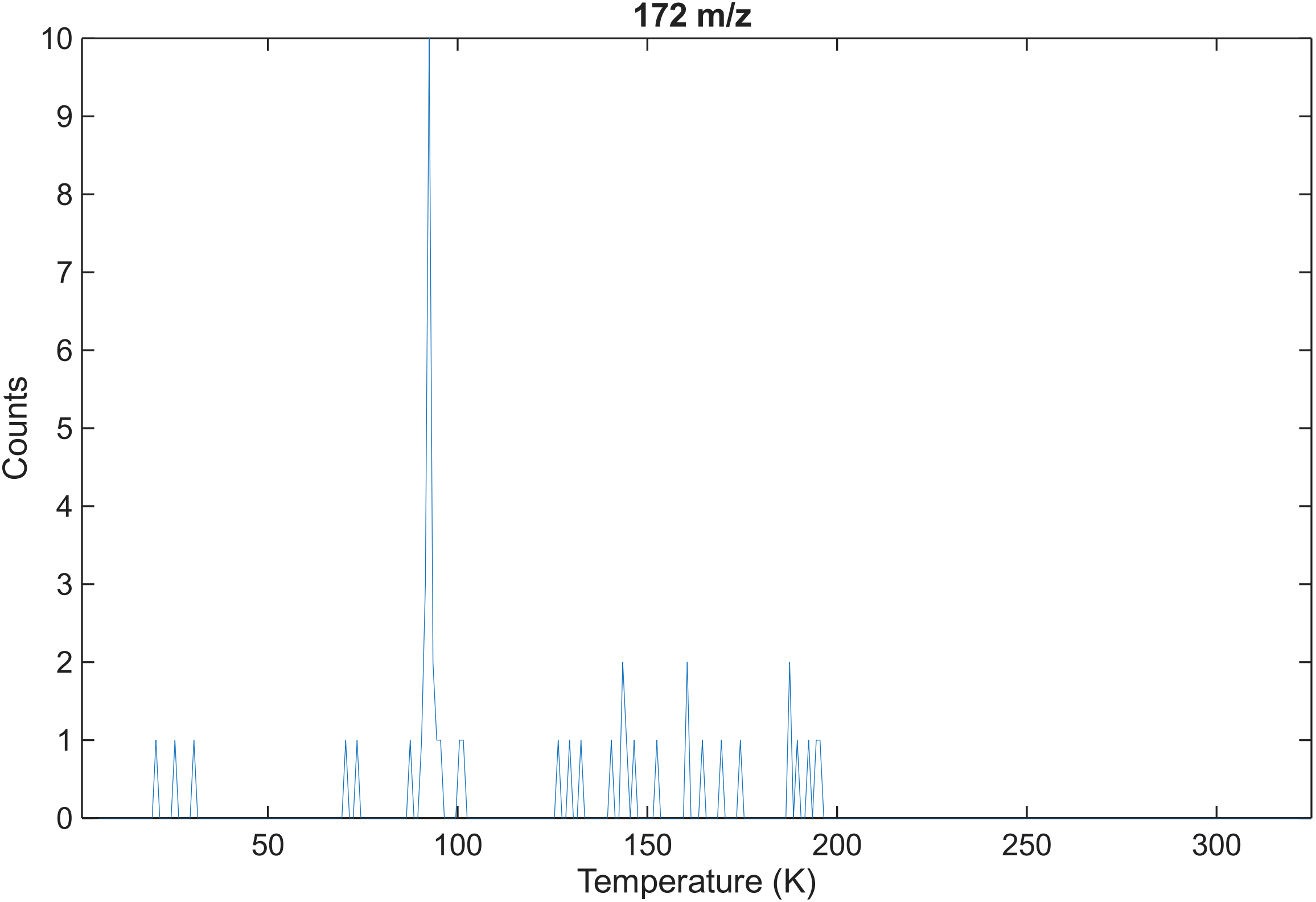

167 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

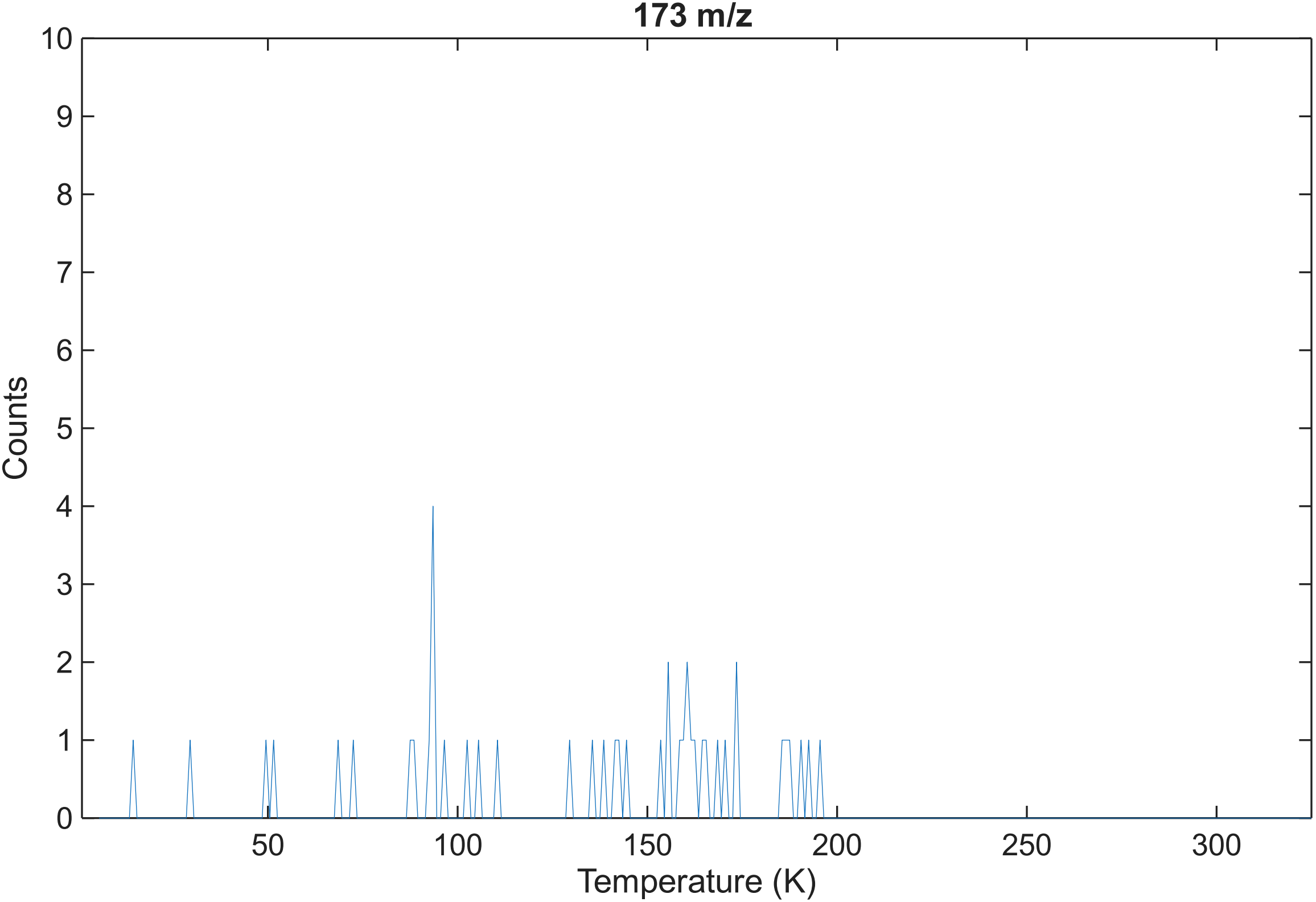

168 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

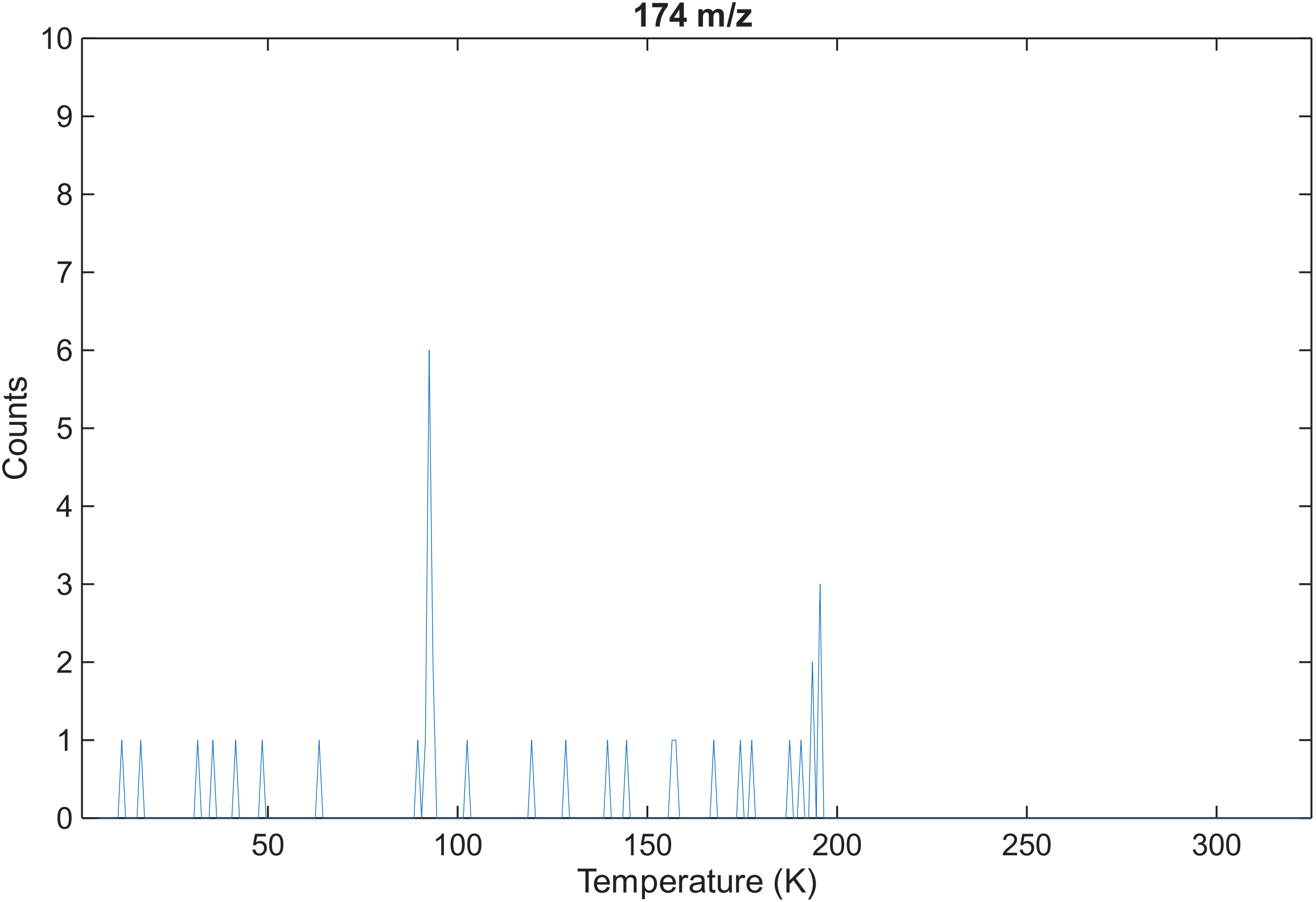

169 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

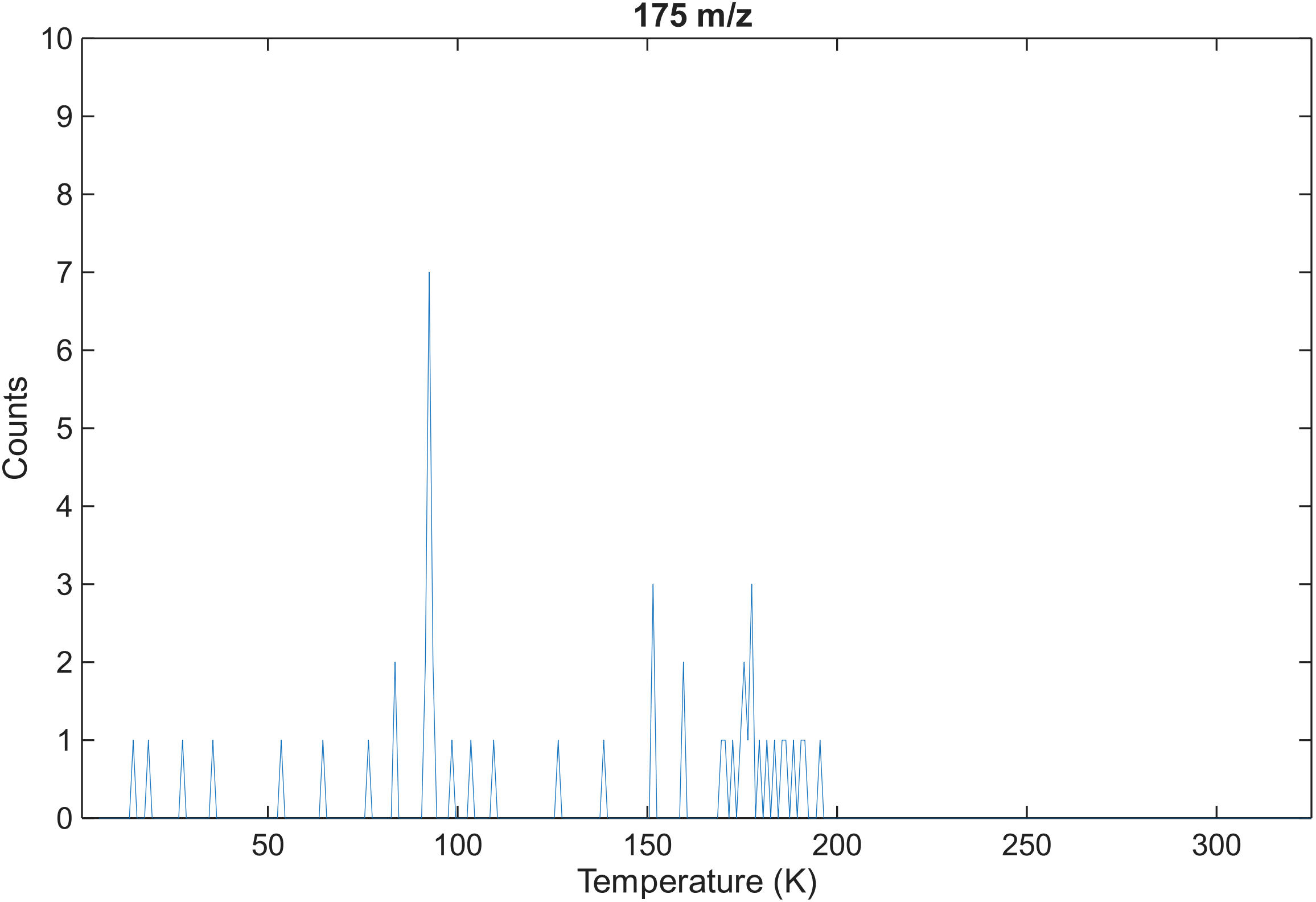

170 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

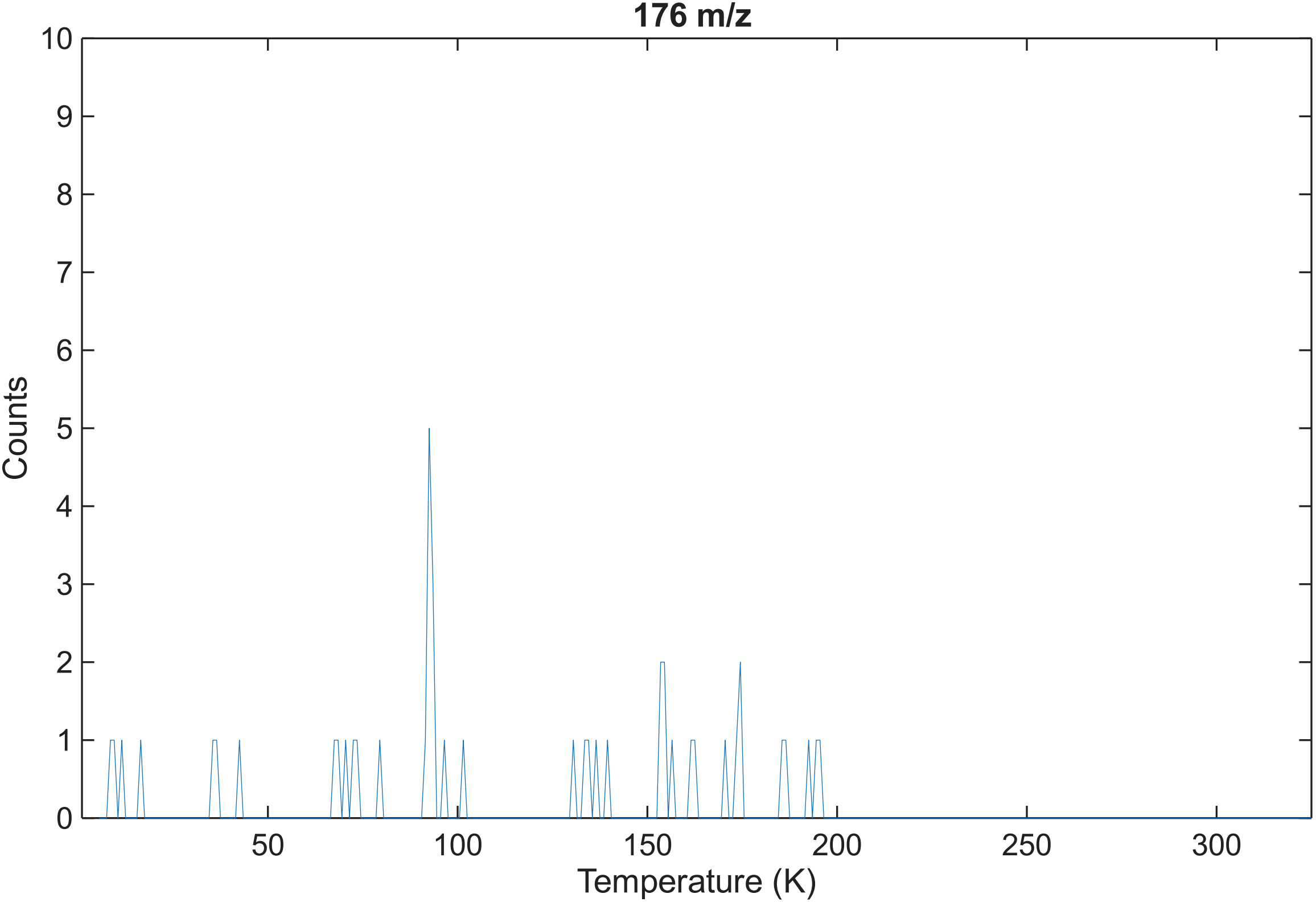

171 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

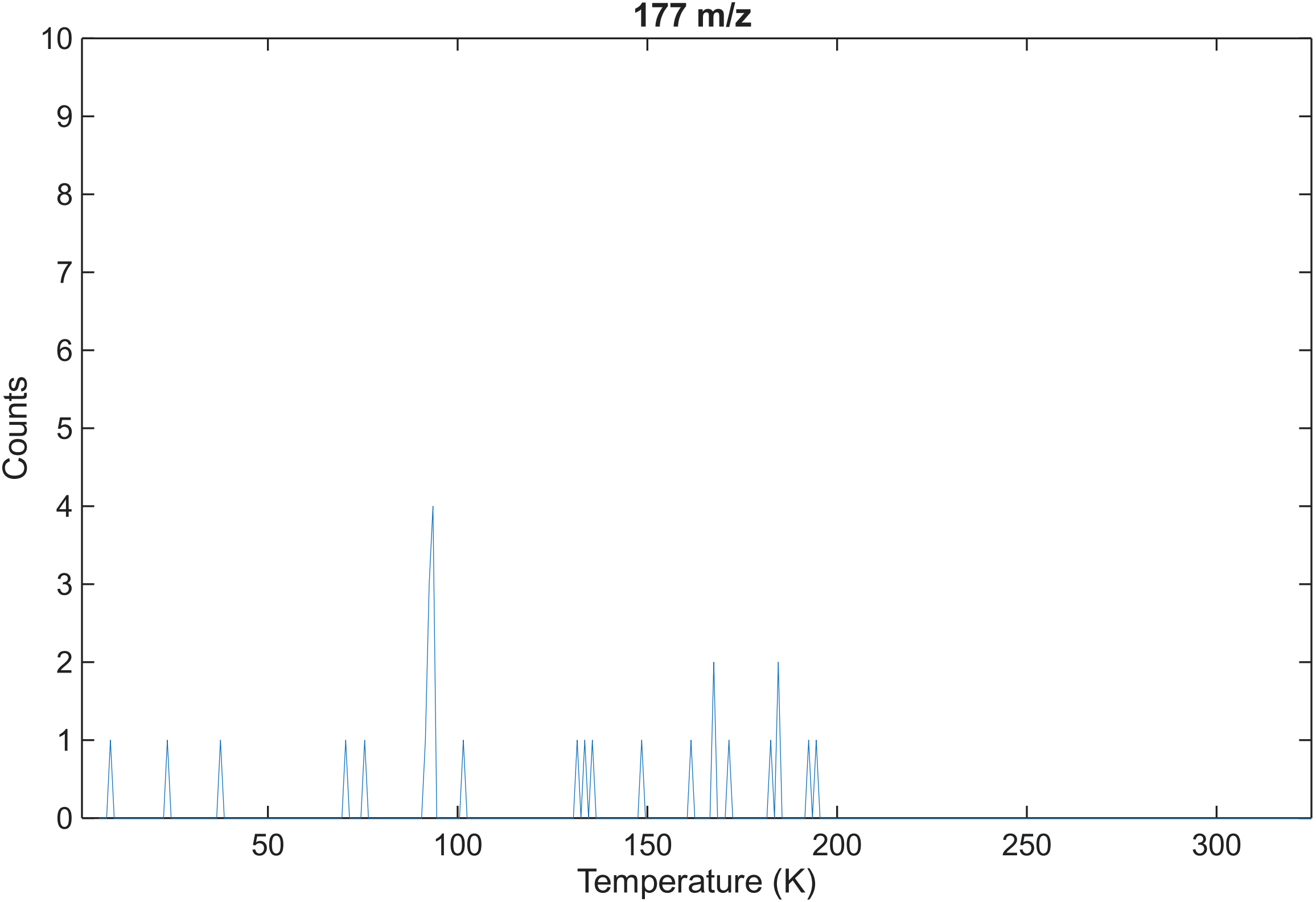

172 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

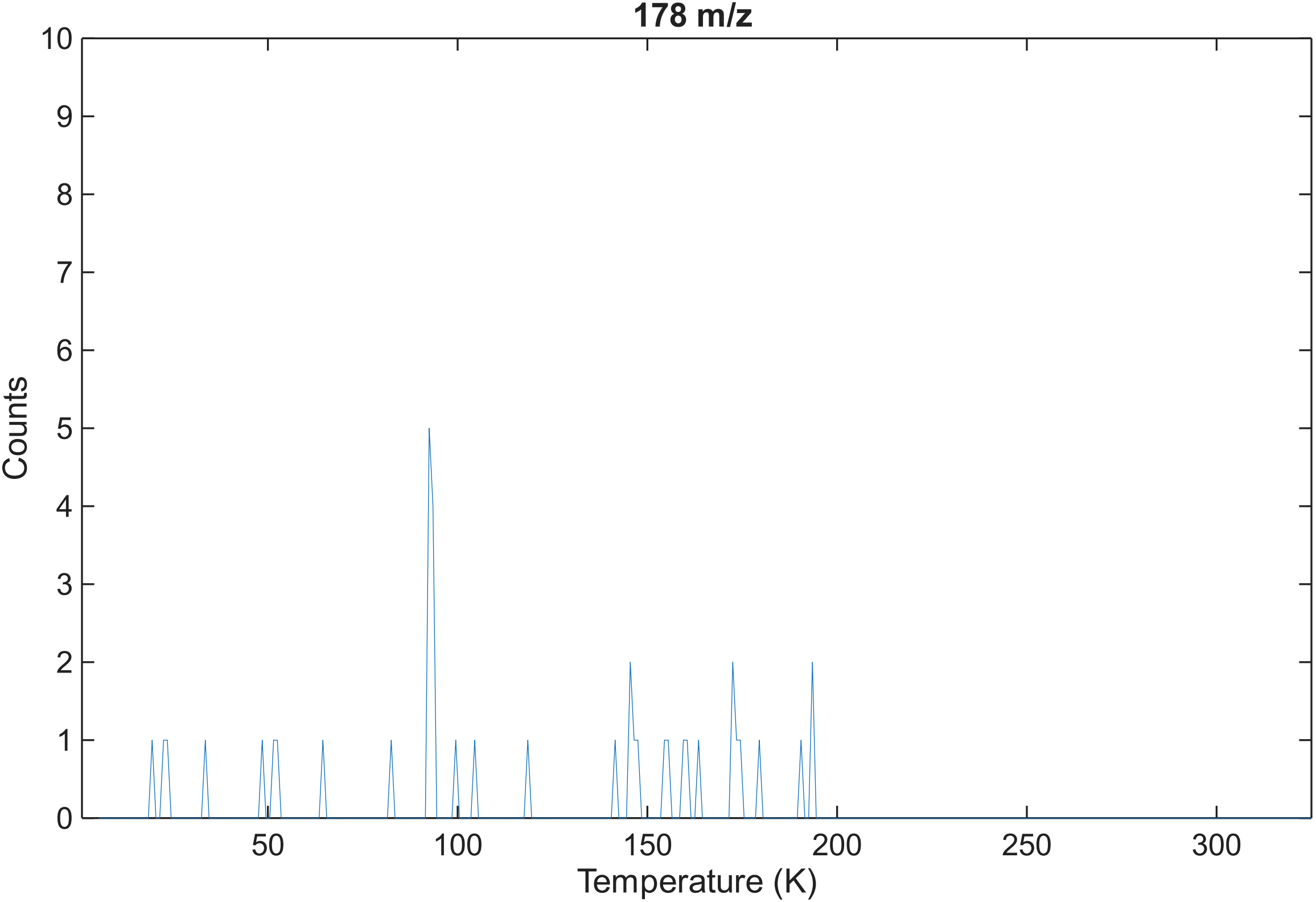

173 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

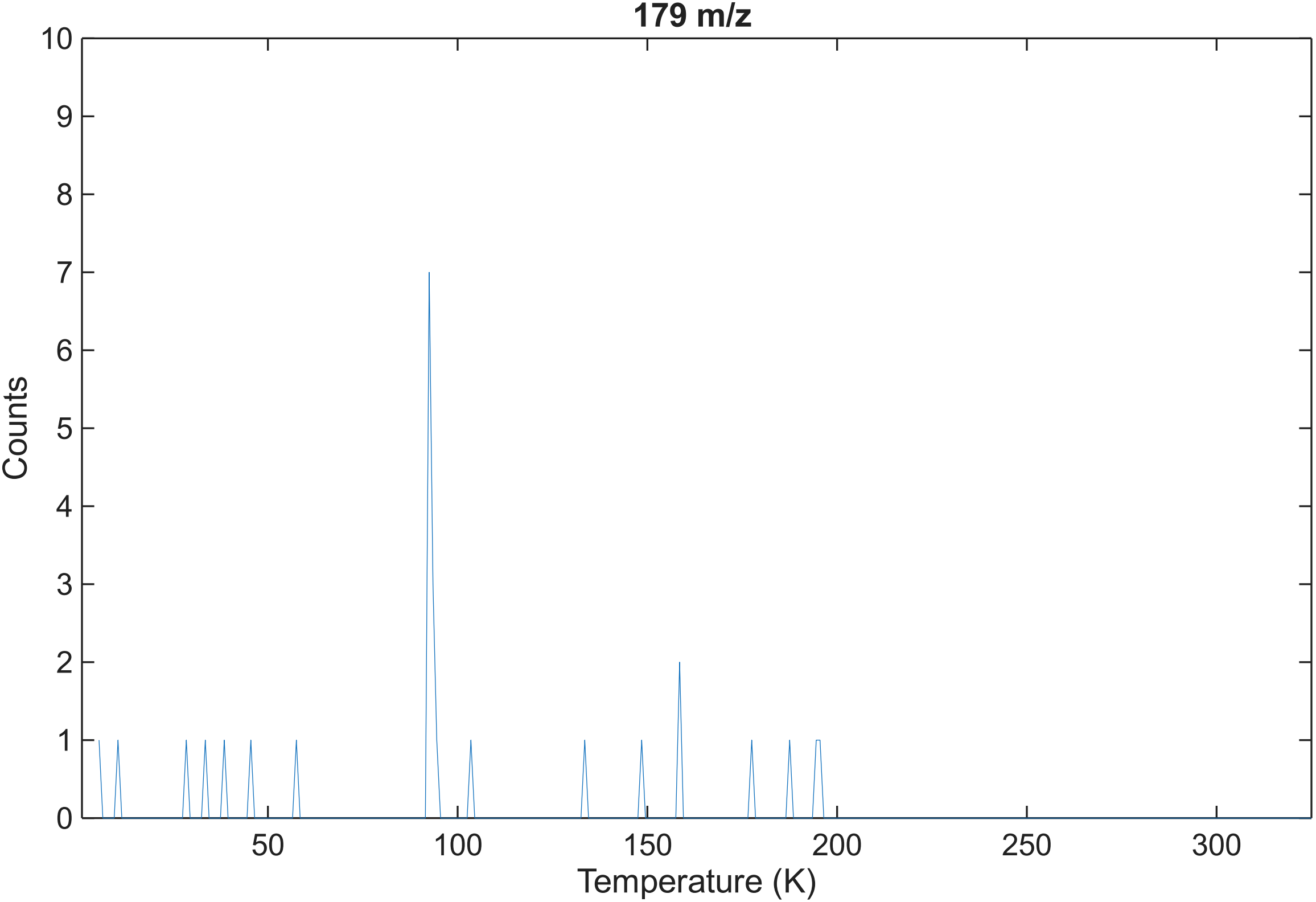

174 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

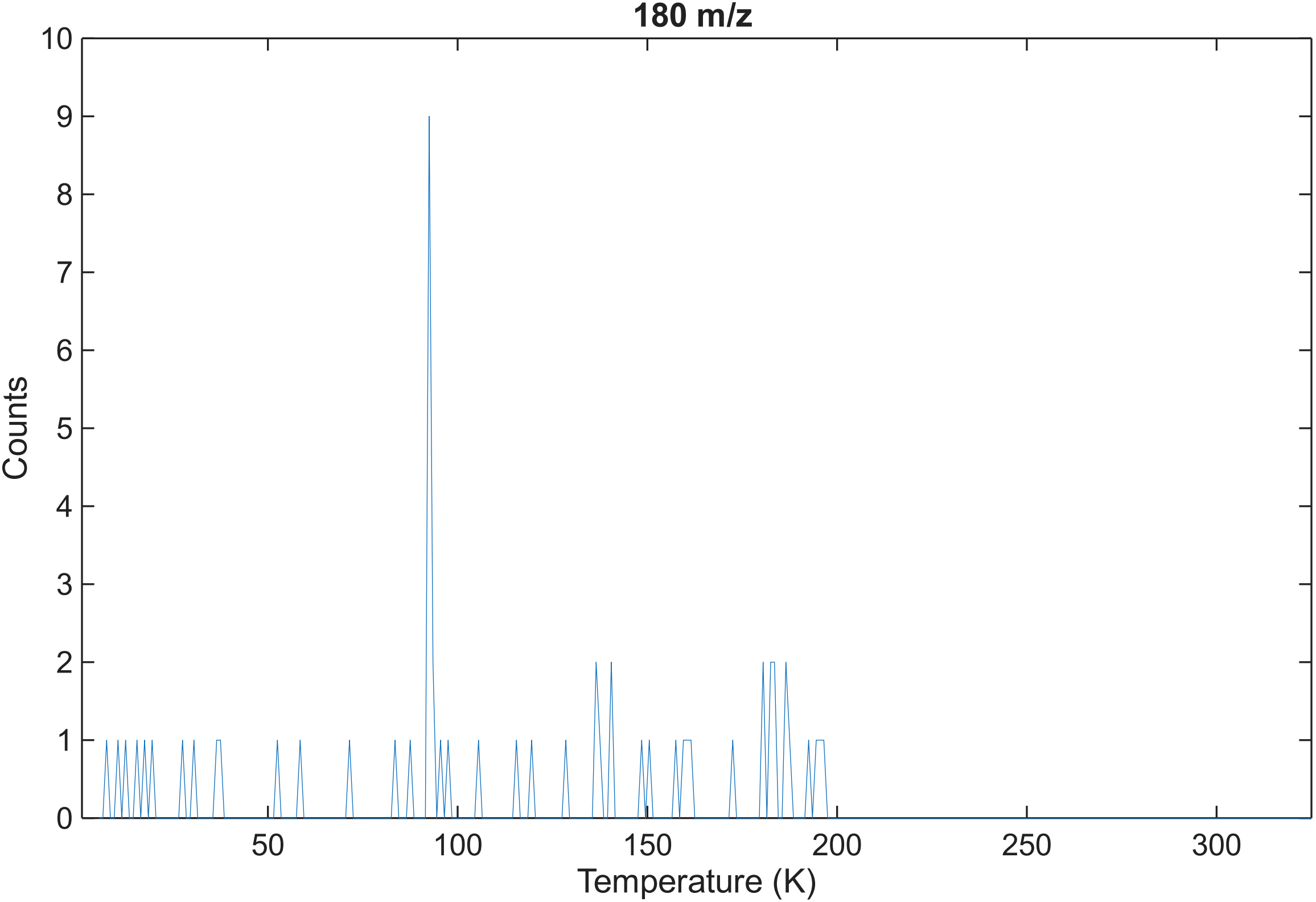

175 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

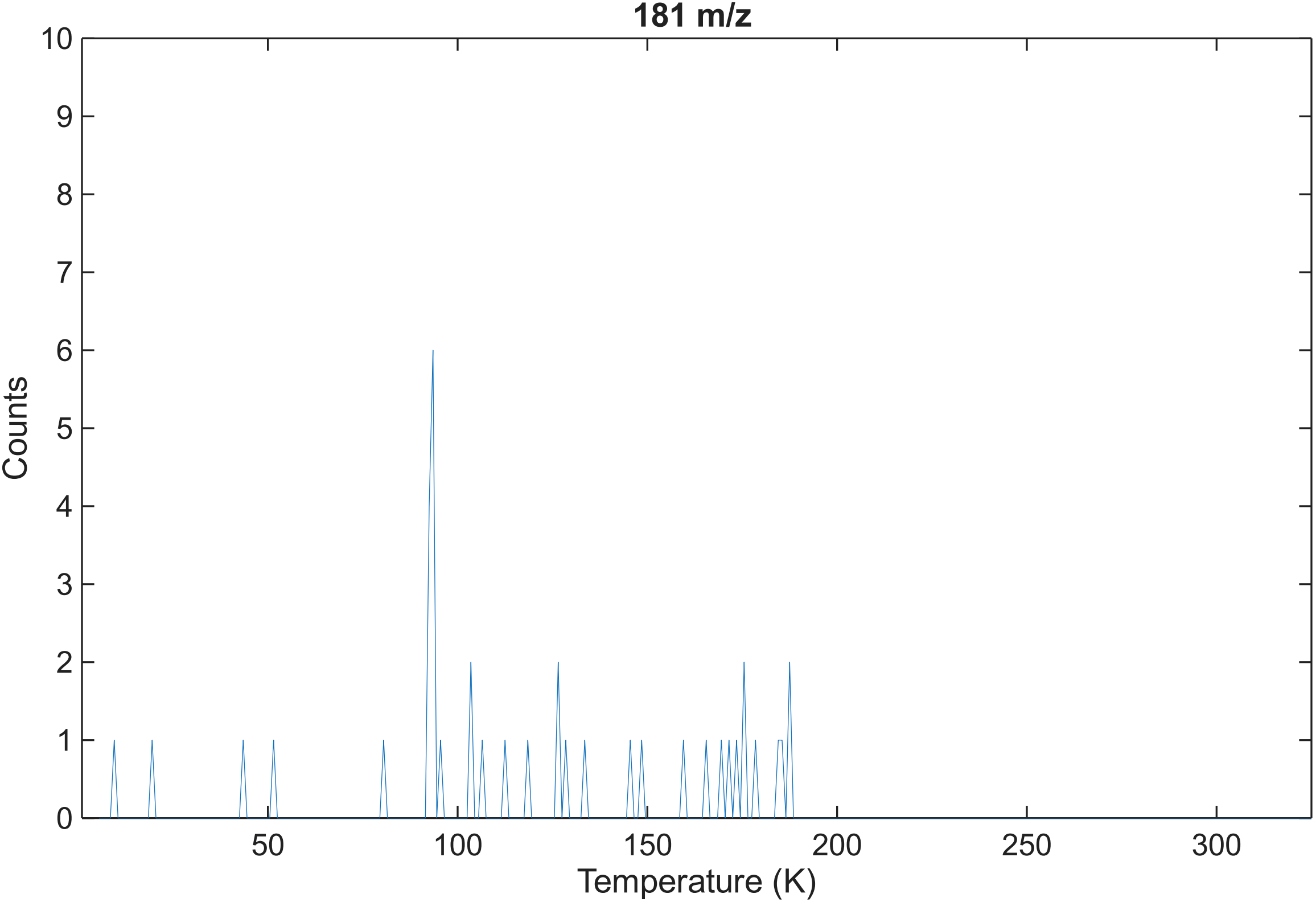

176 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

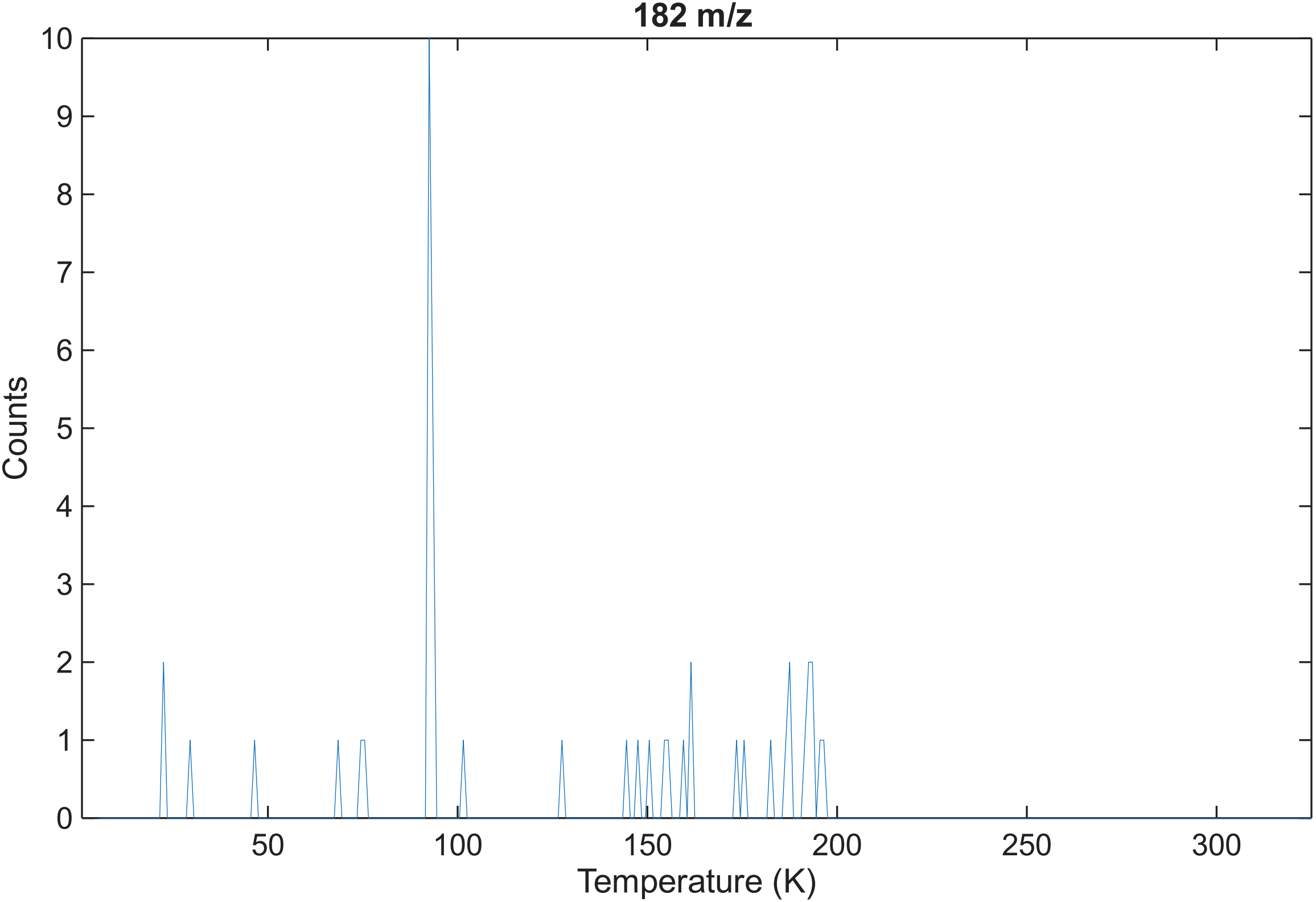

177 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

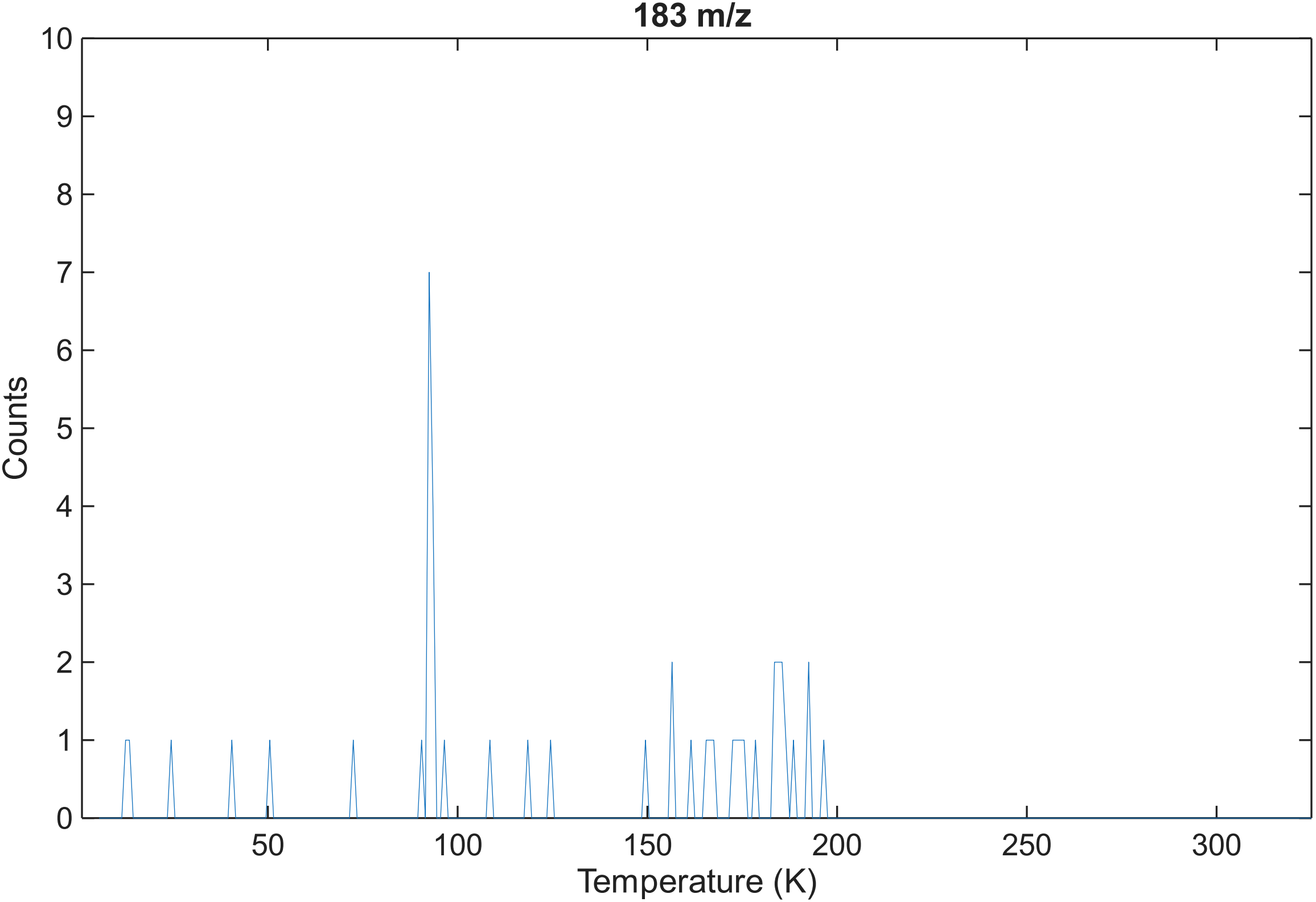

178 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

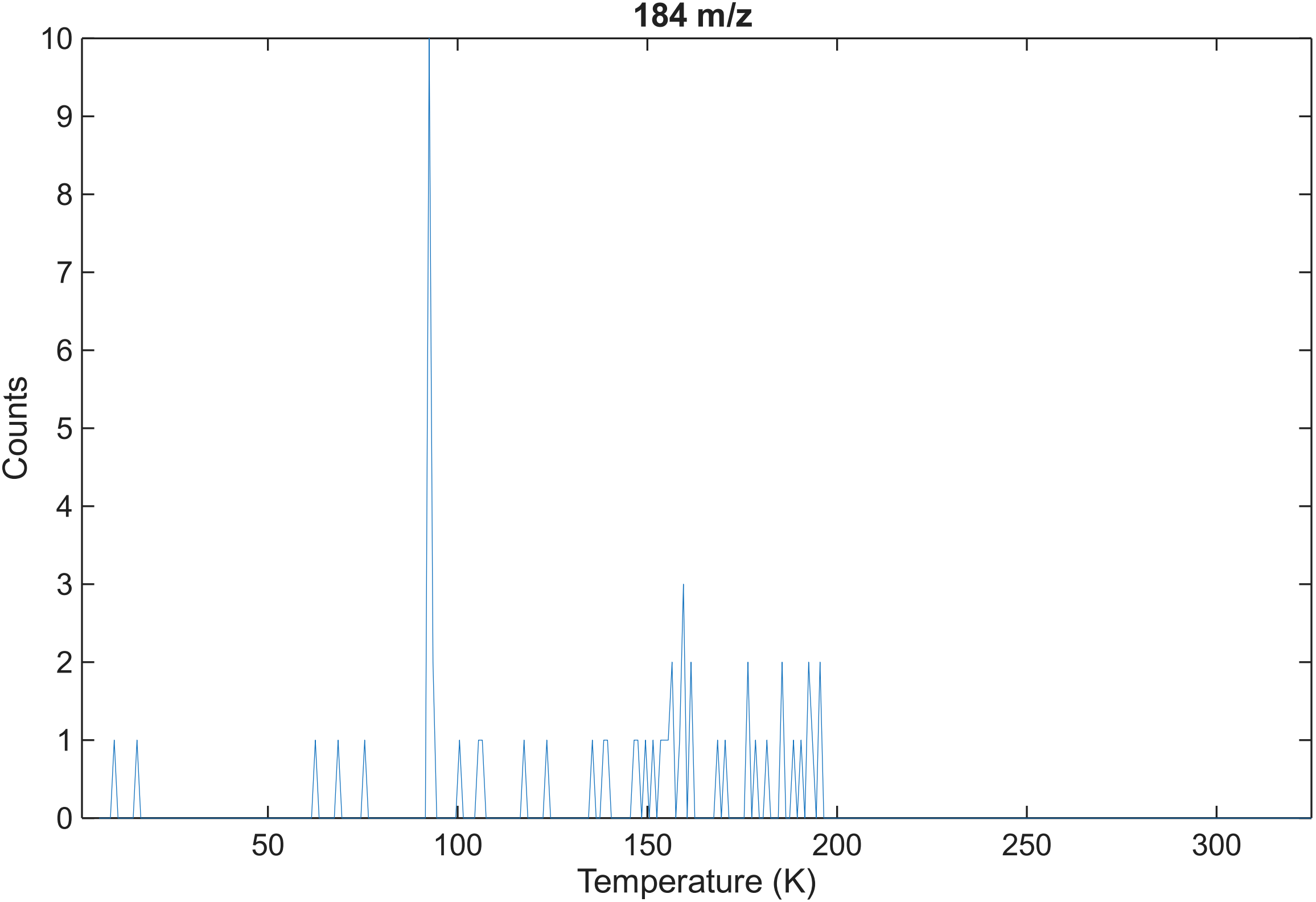

179 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

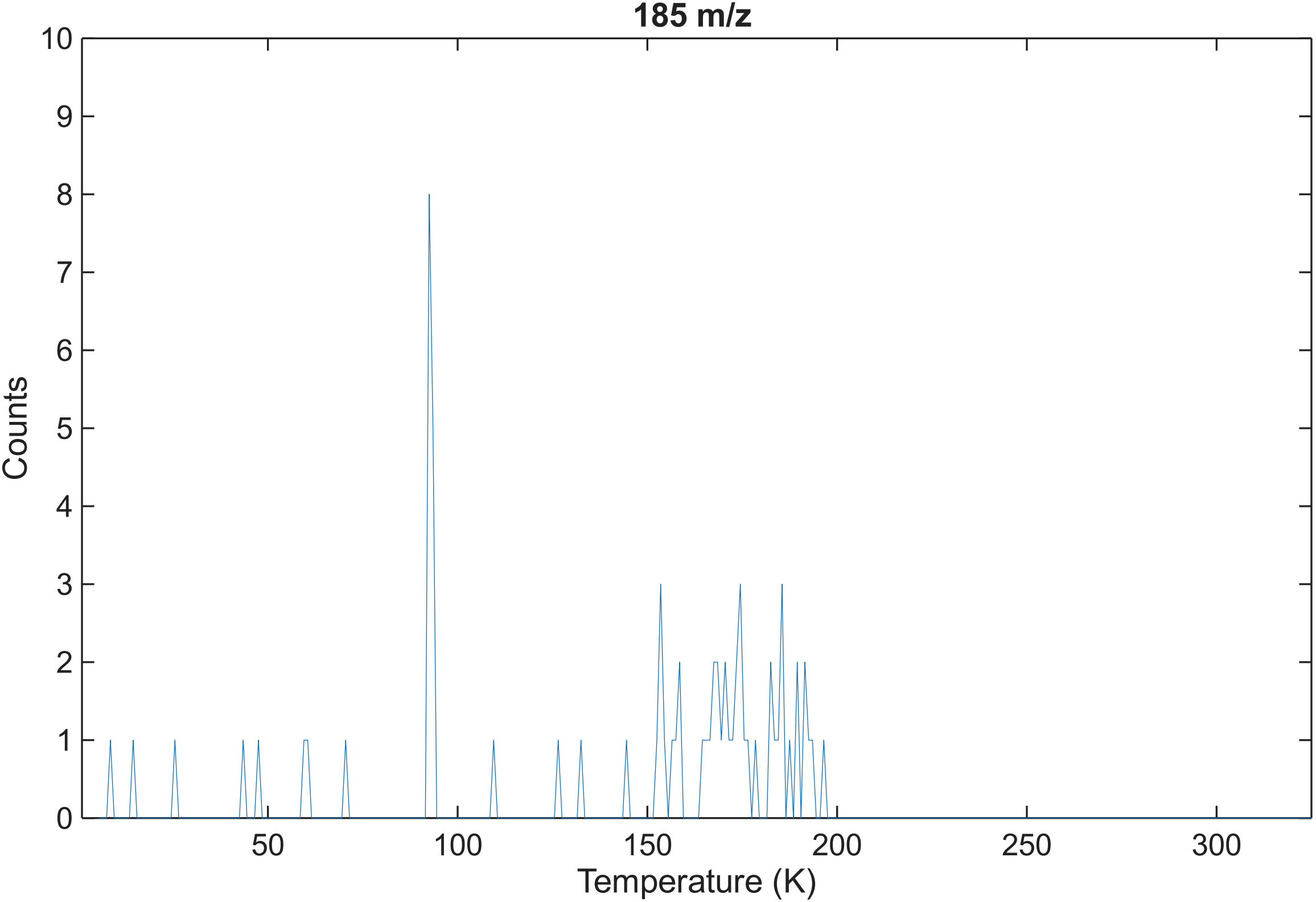

180 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

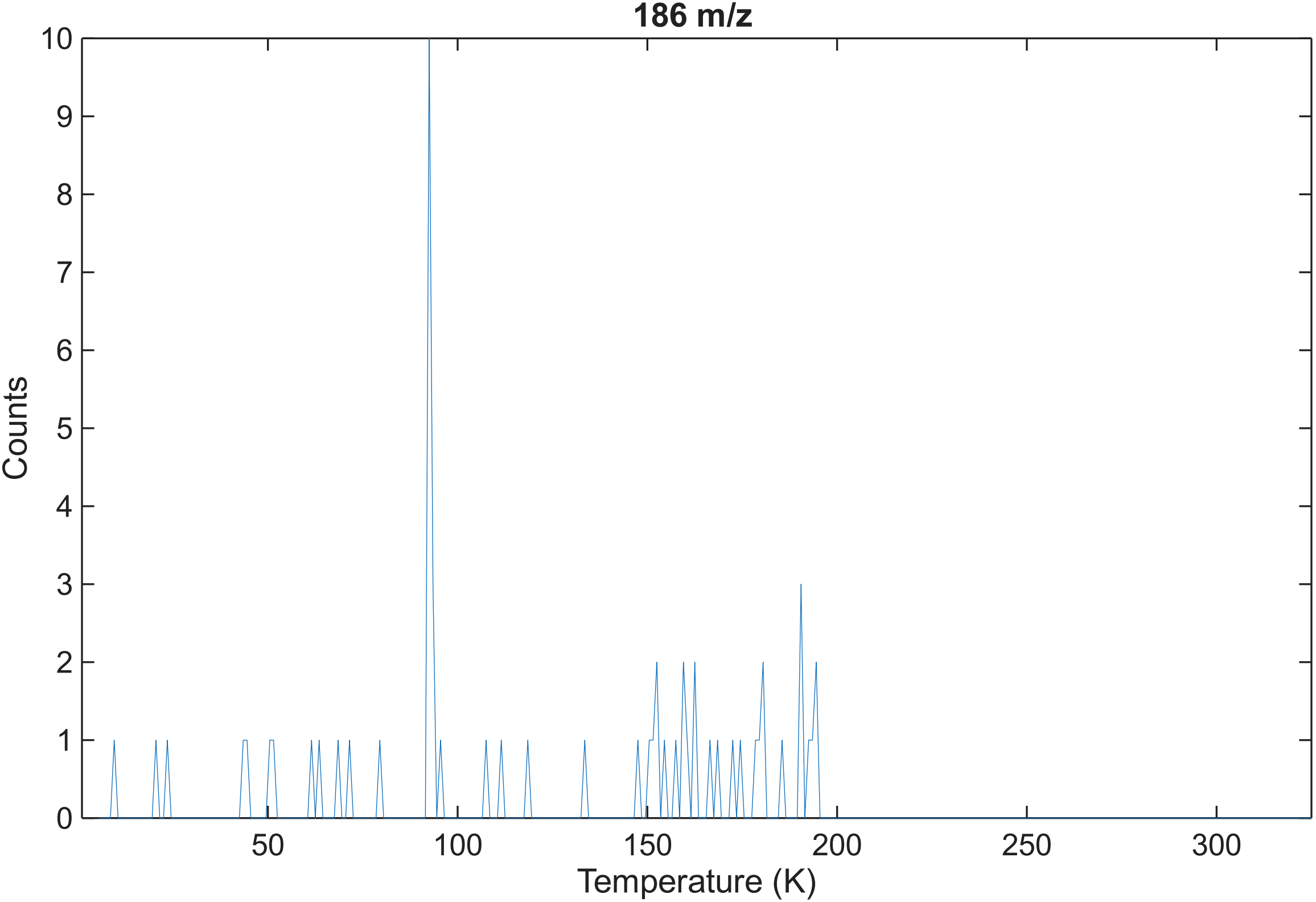

181 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

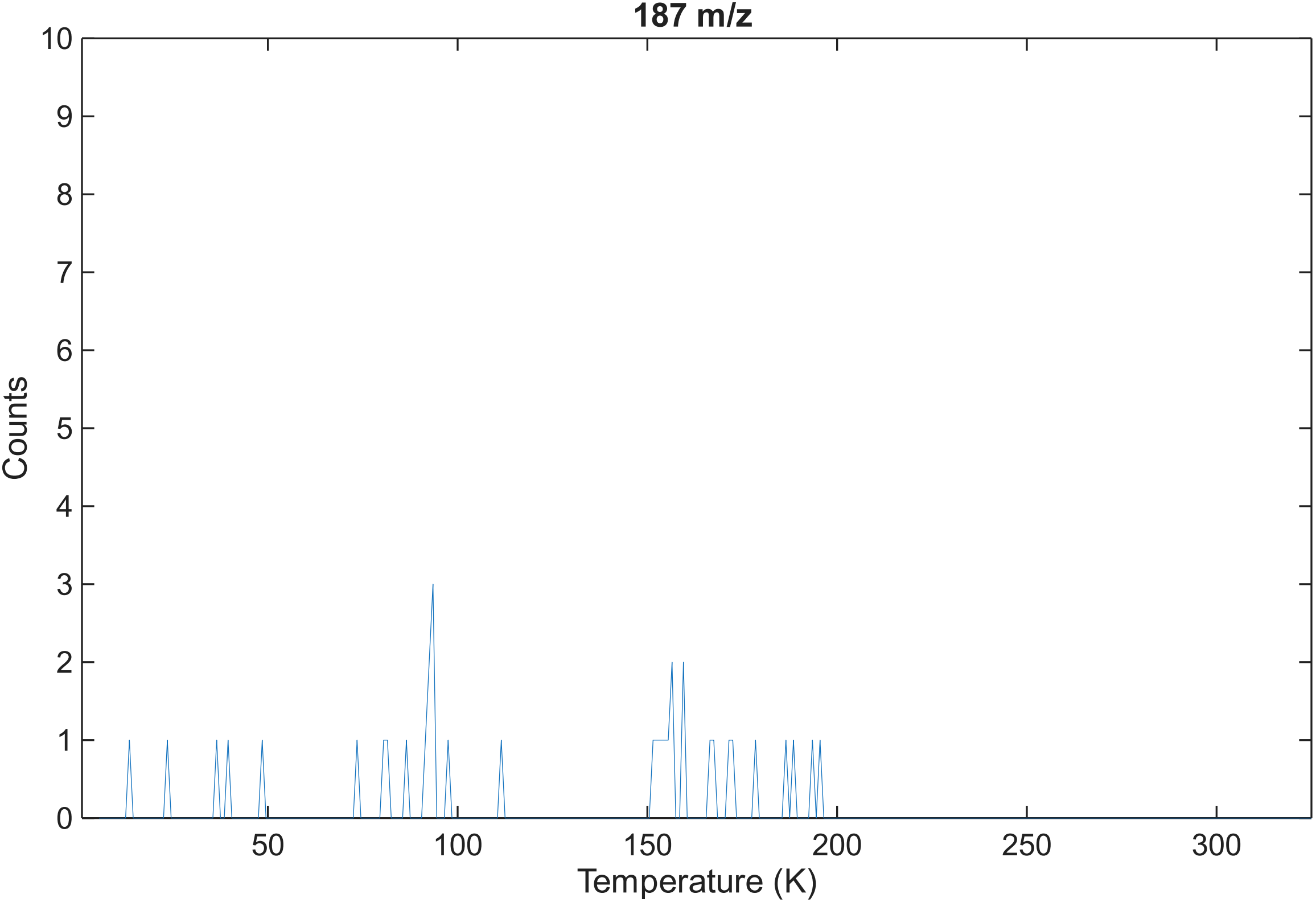

182 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

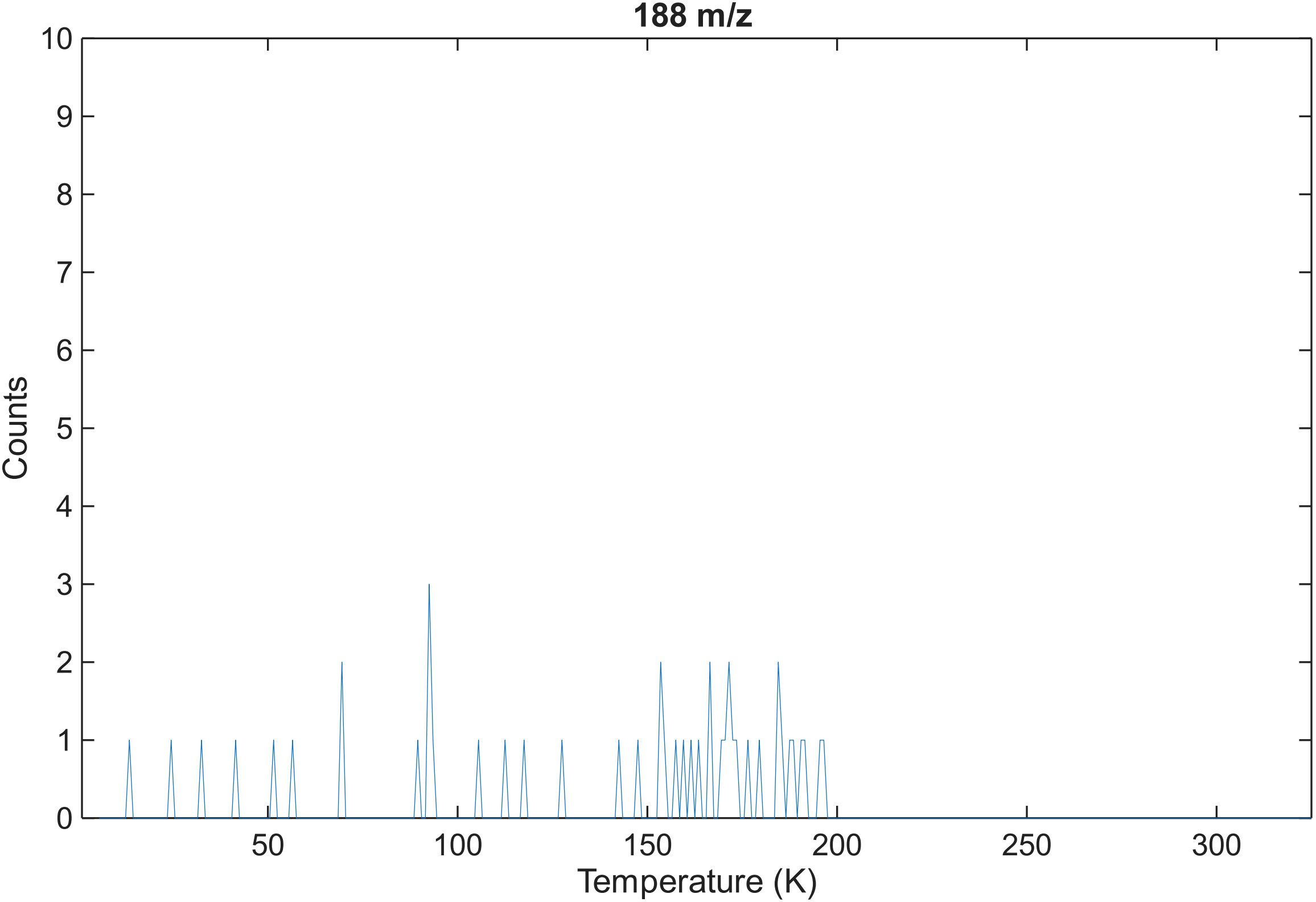

183 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

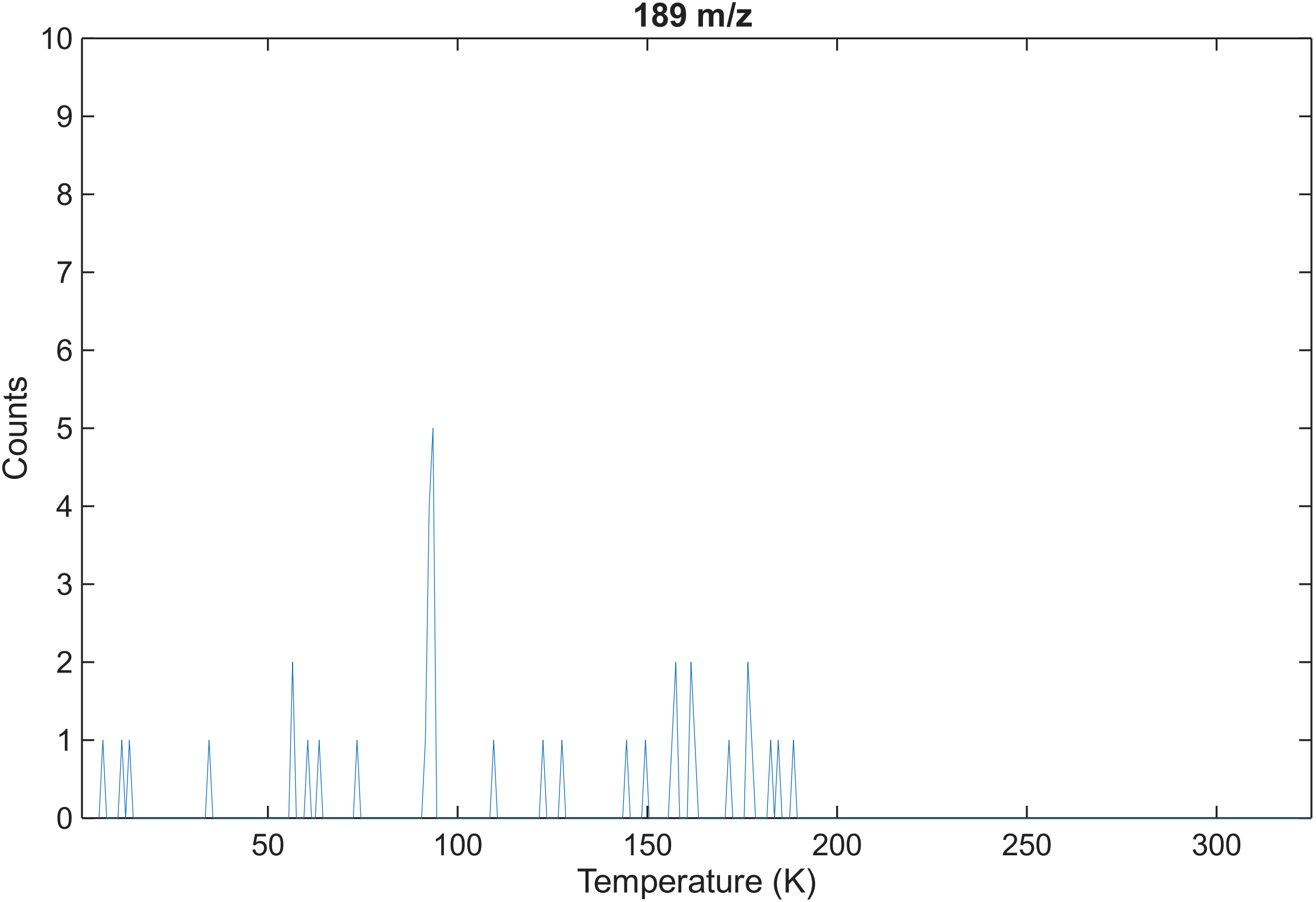

184 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

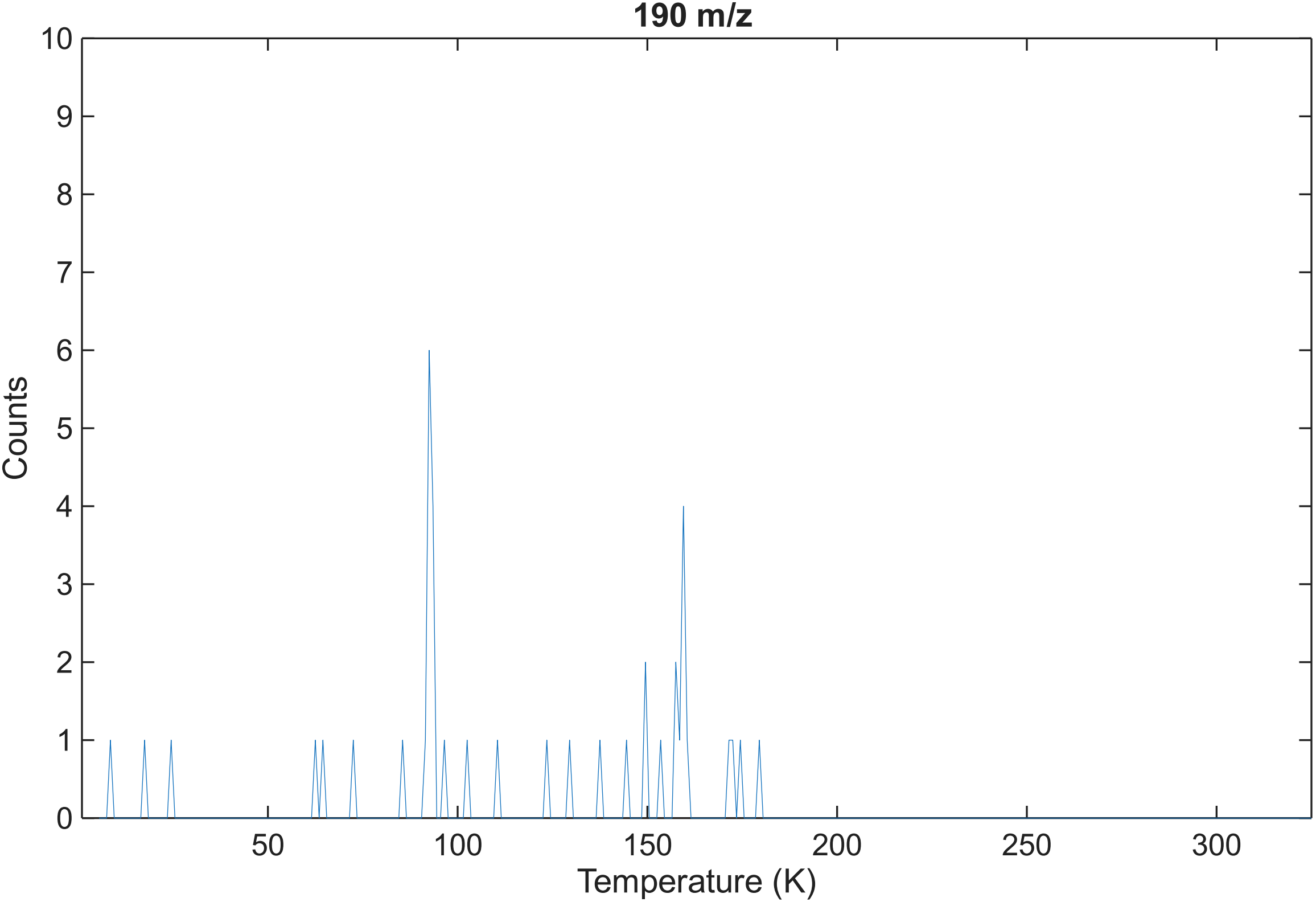

185 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

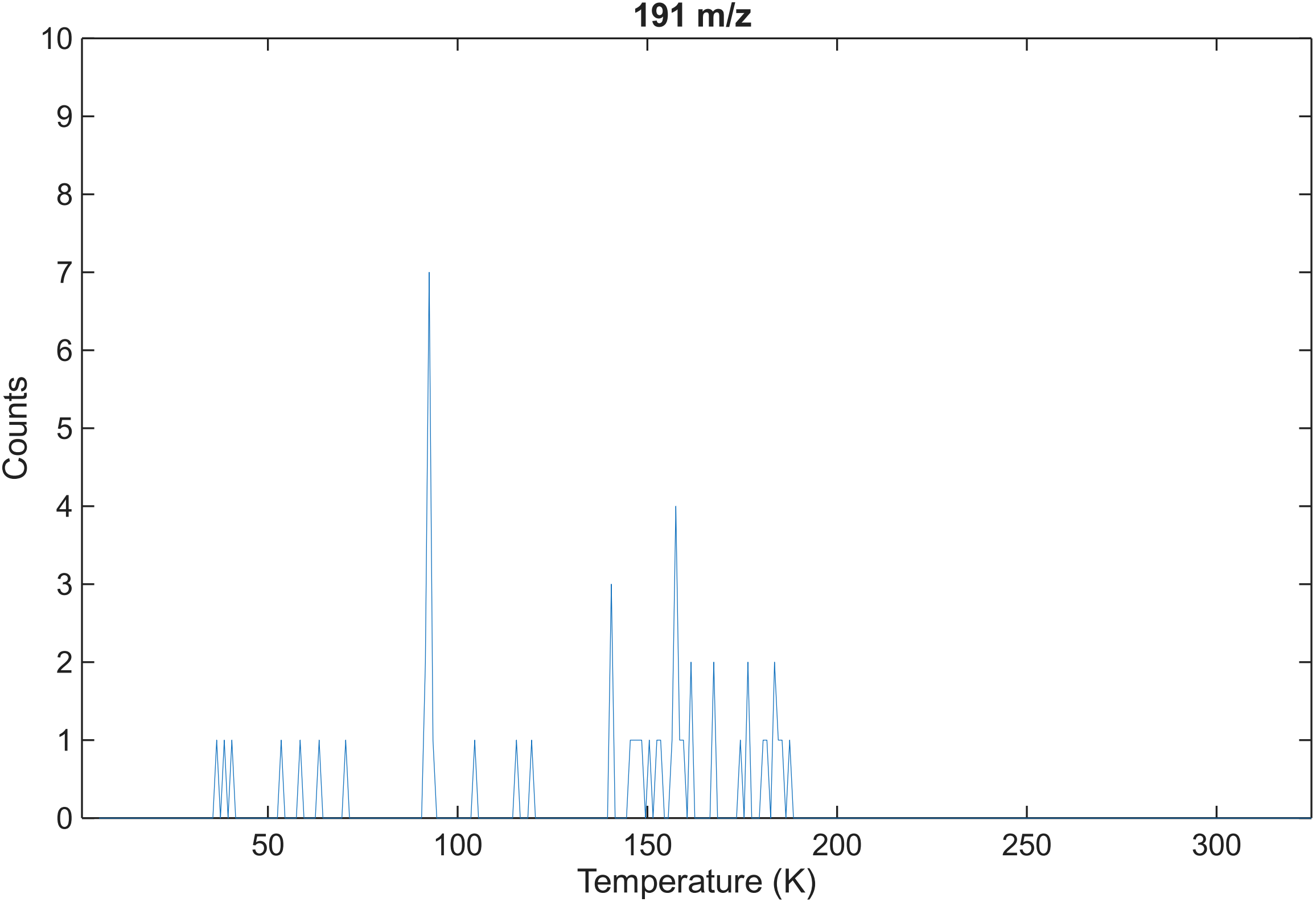

186 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

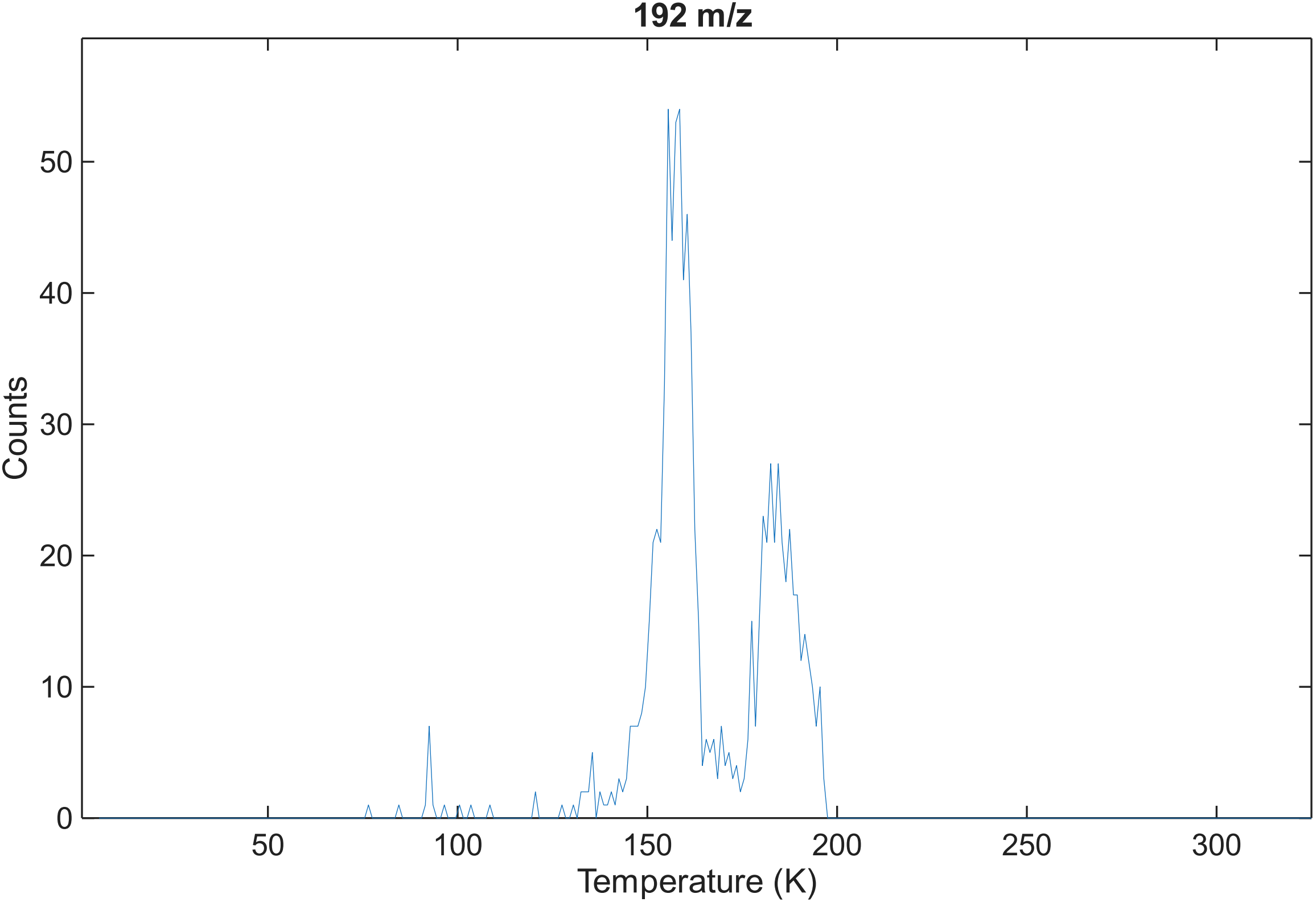

187 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

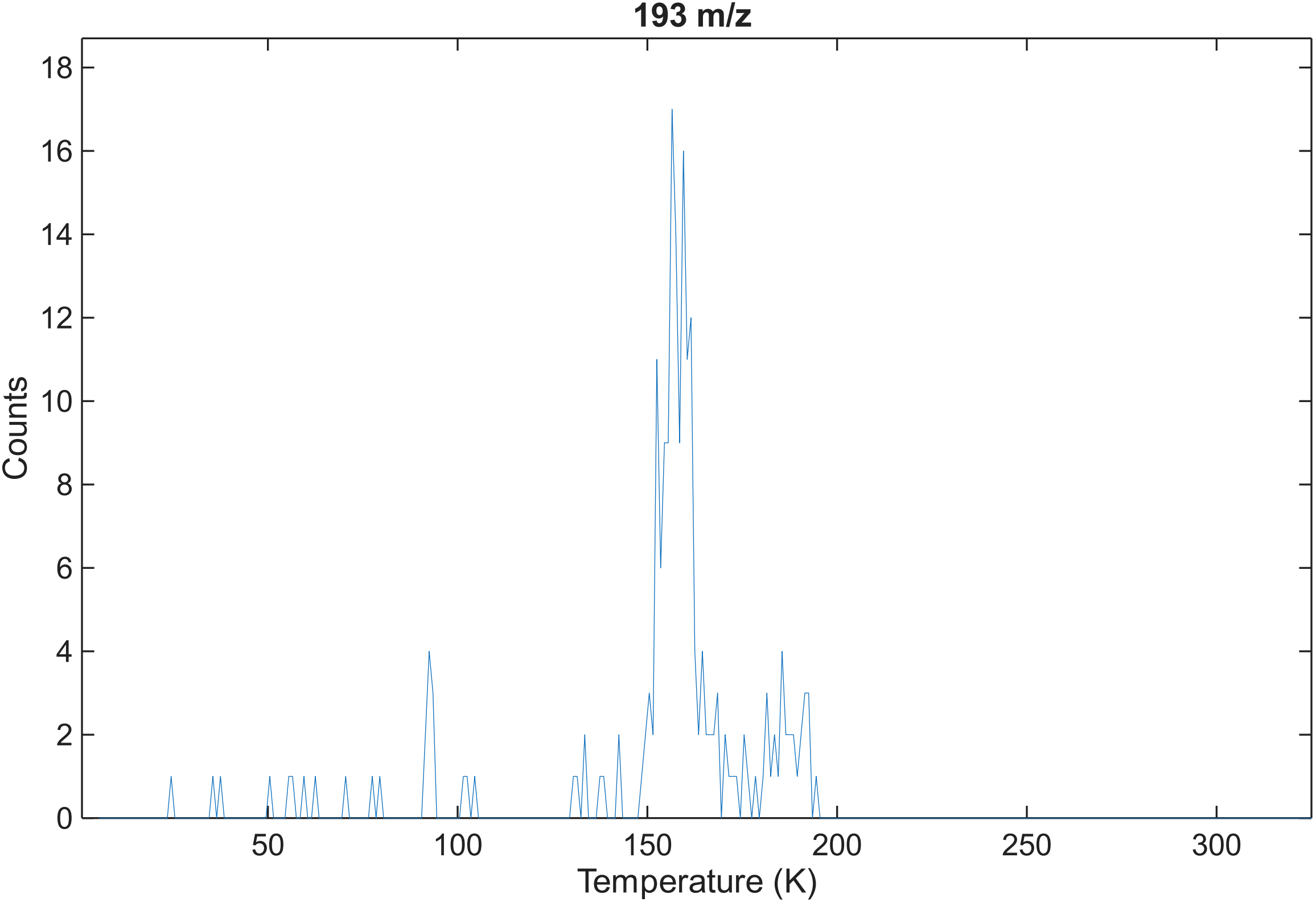

188 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

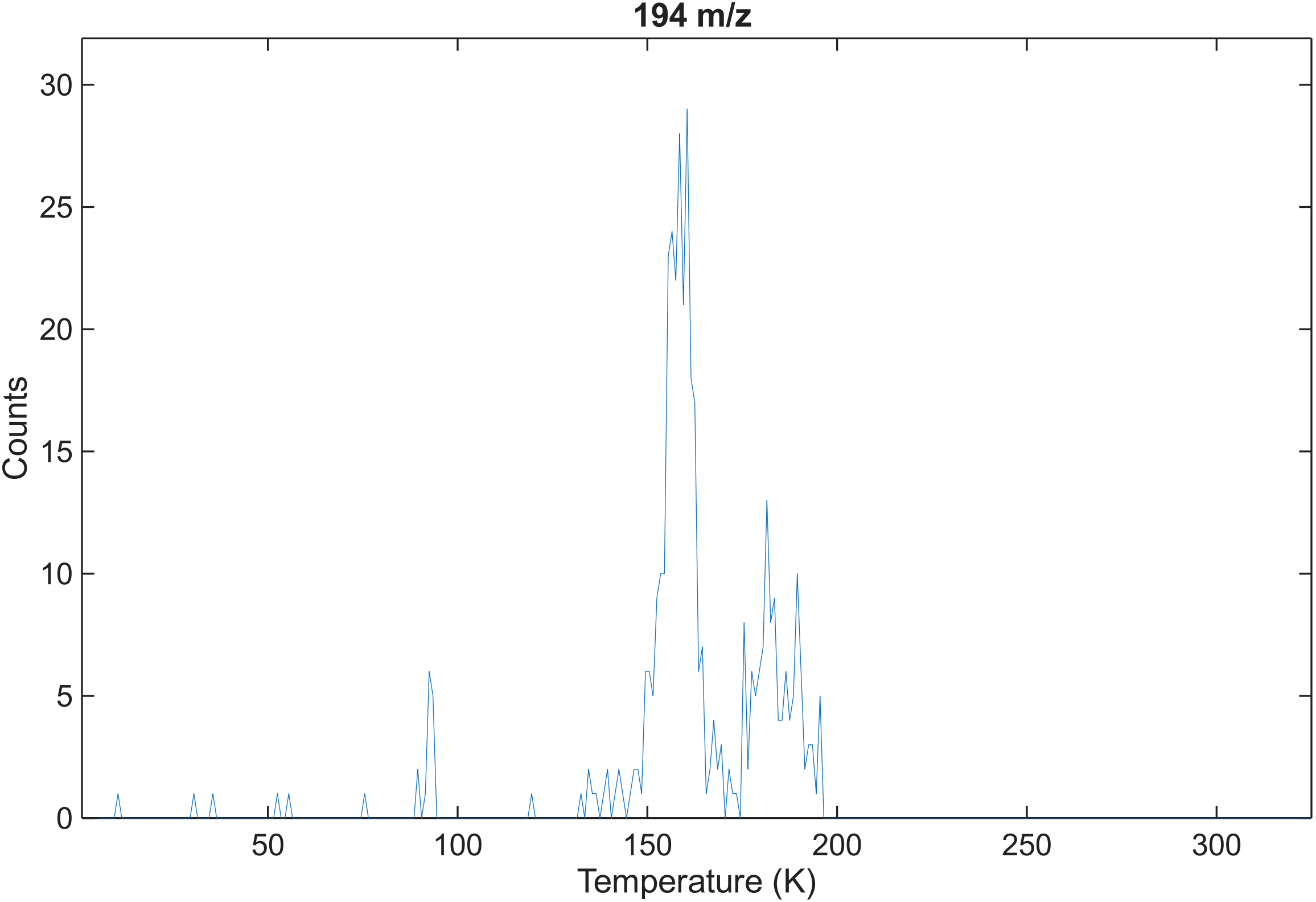

189 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

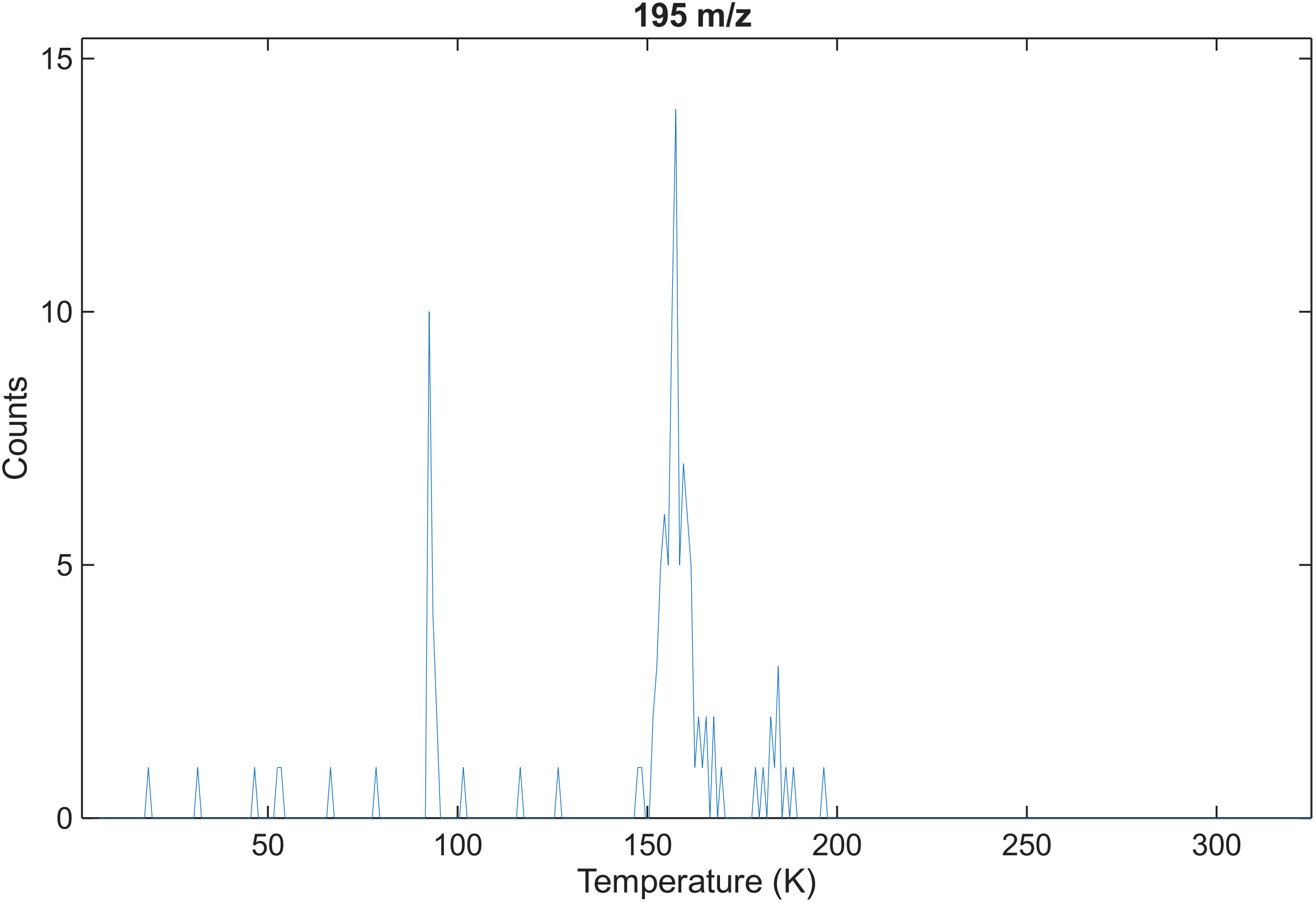

190 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

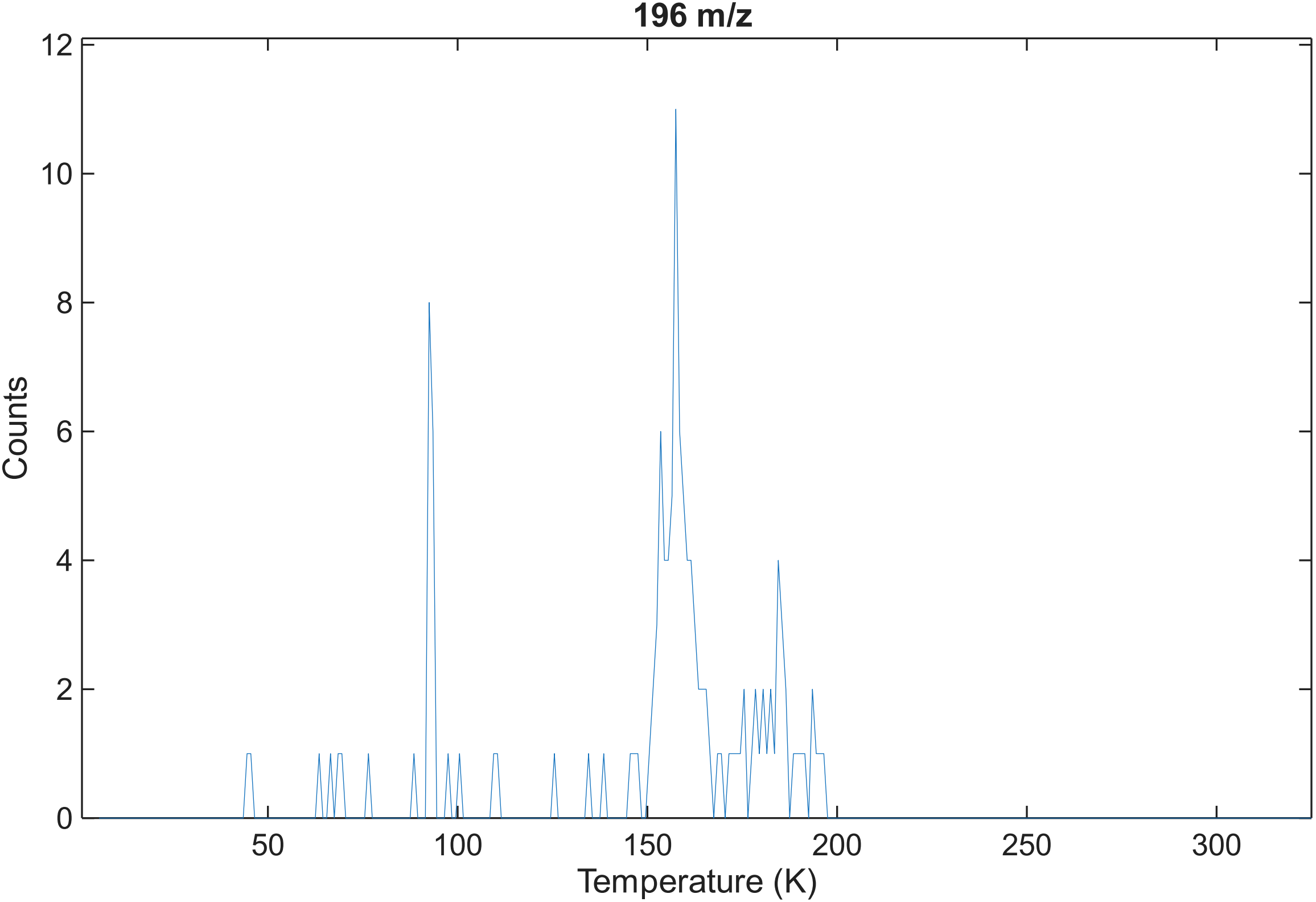

191 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

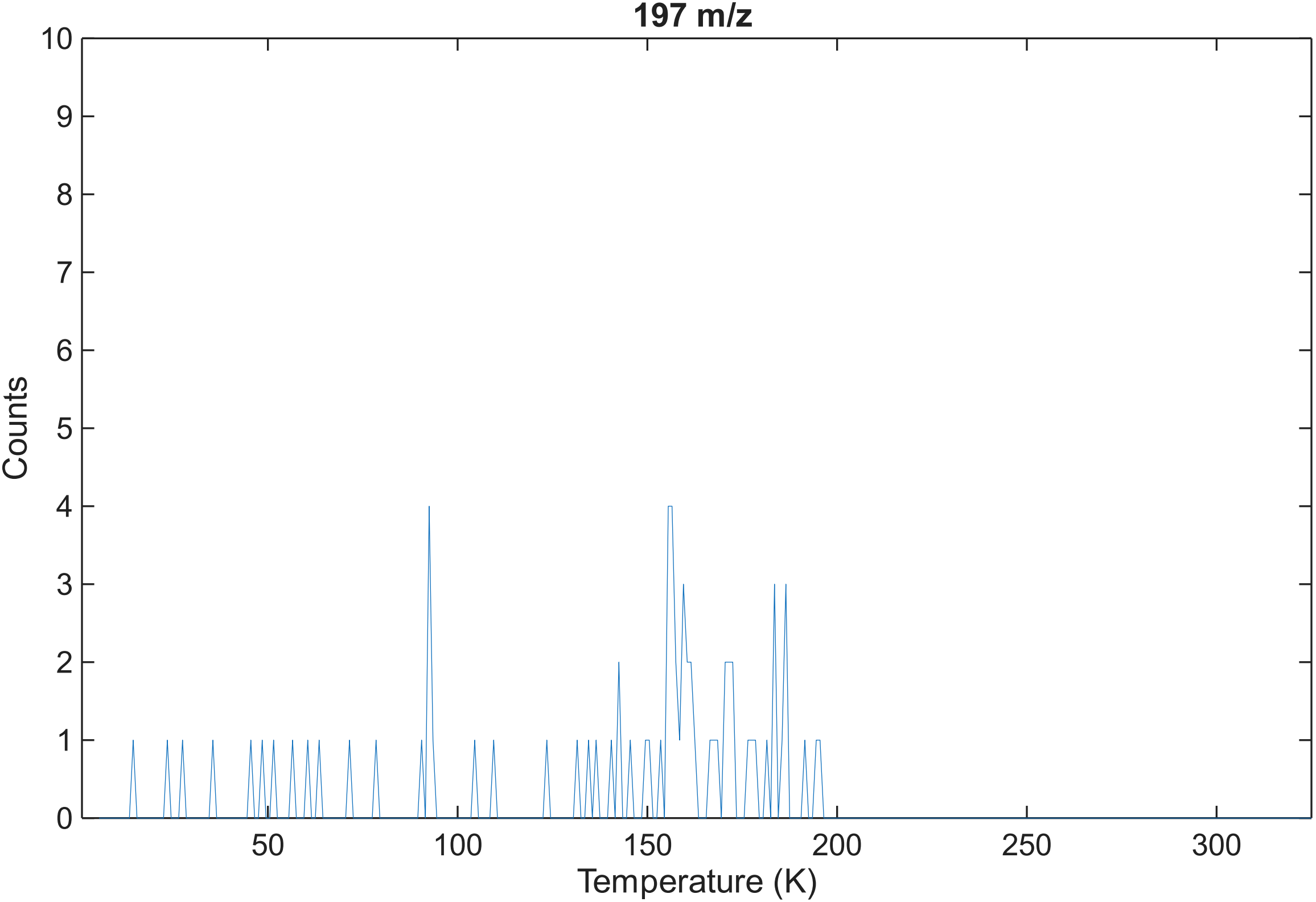

192 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

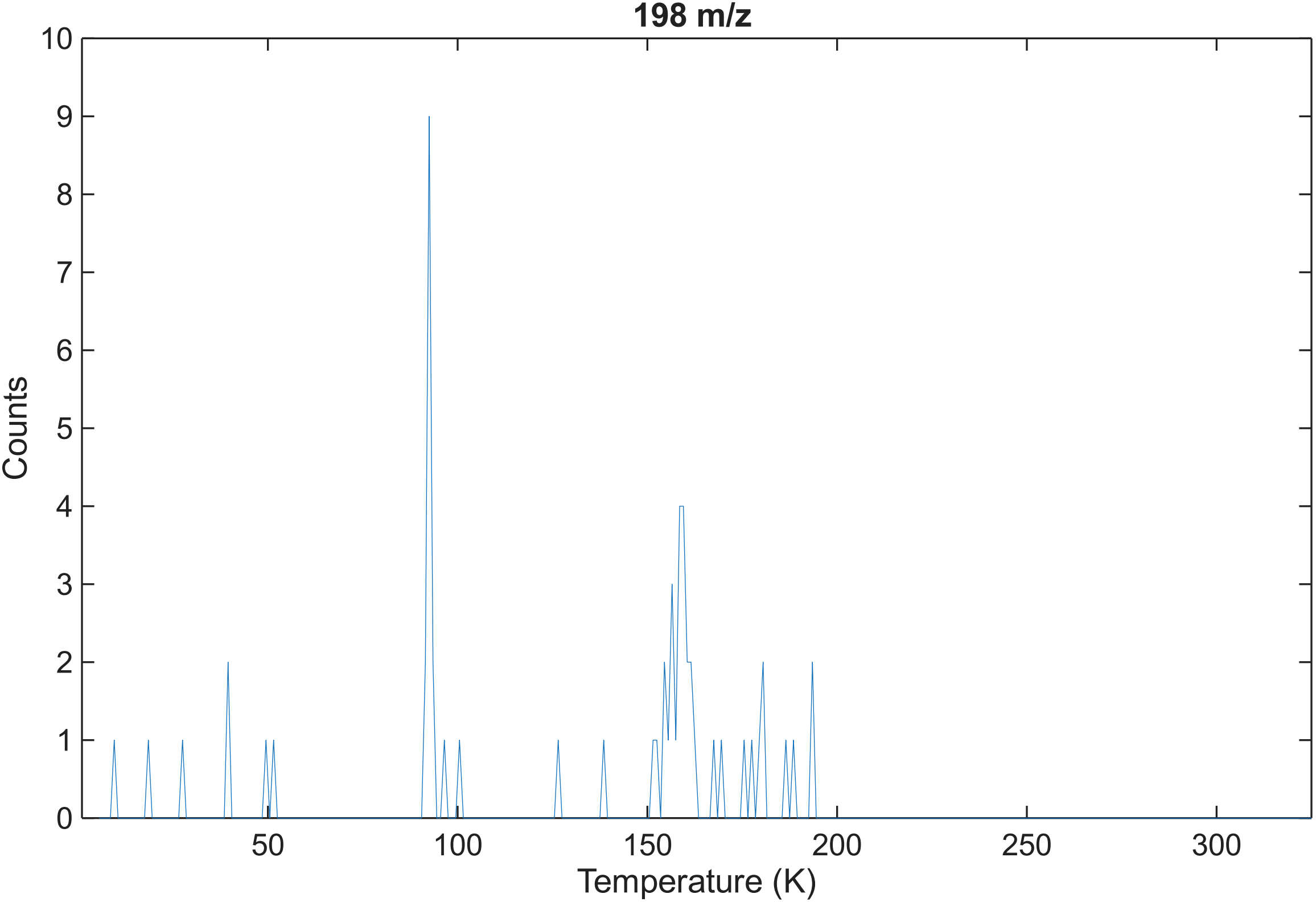

193 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

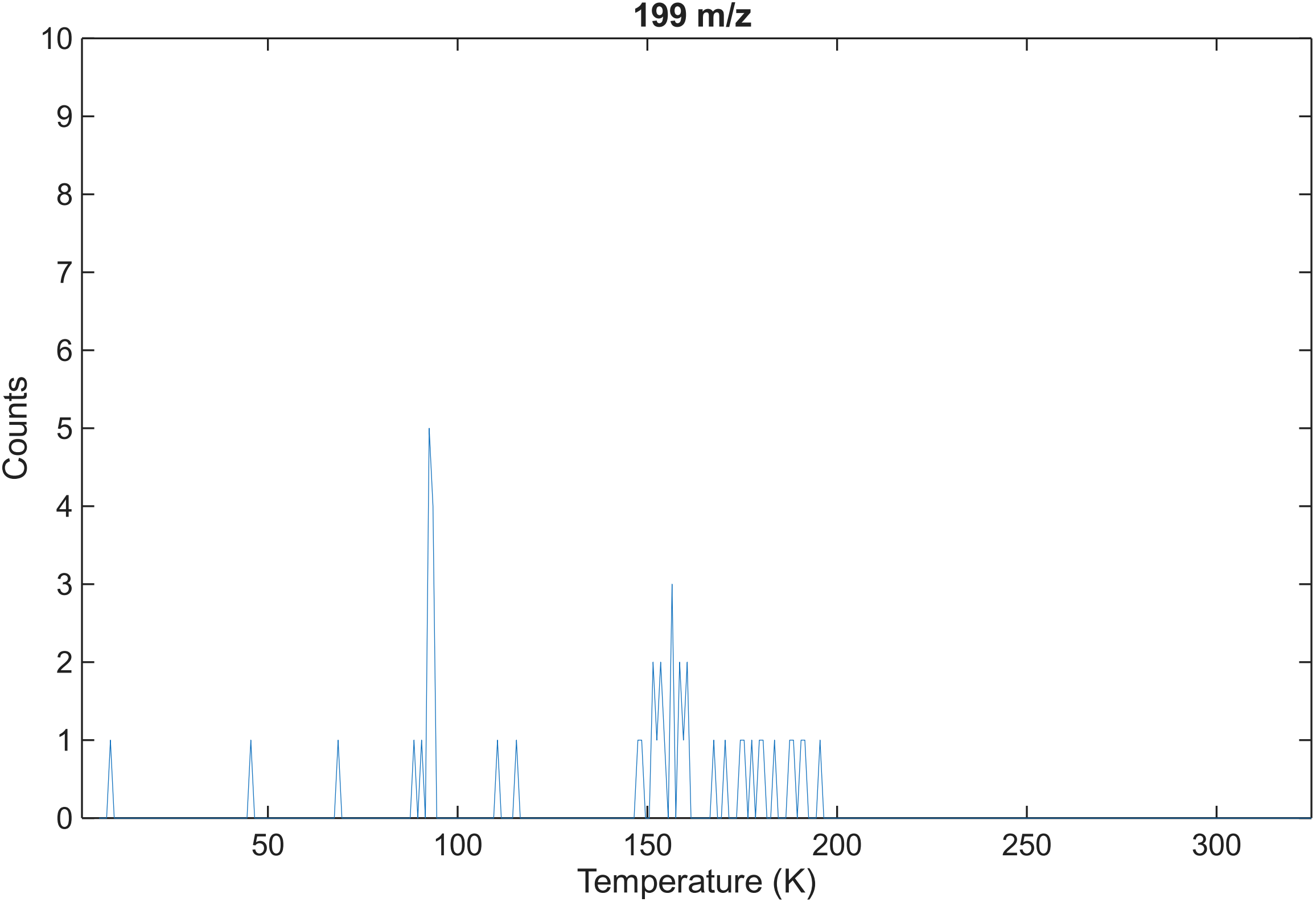

194 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

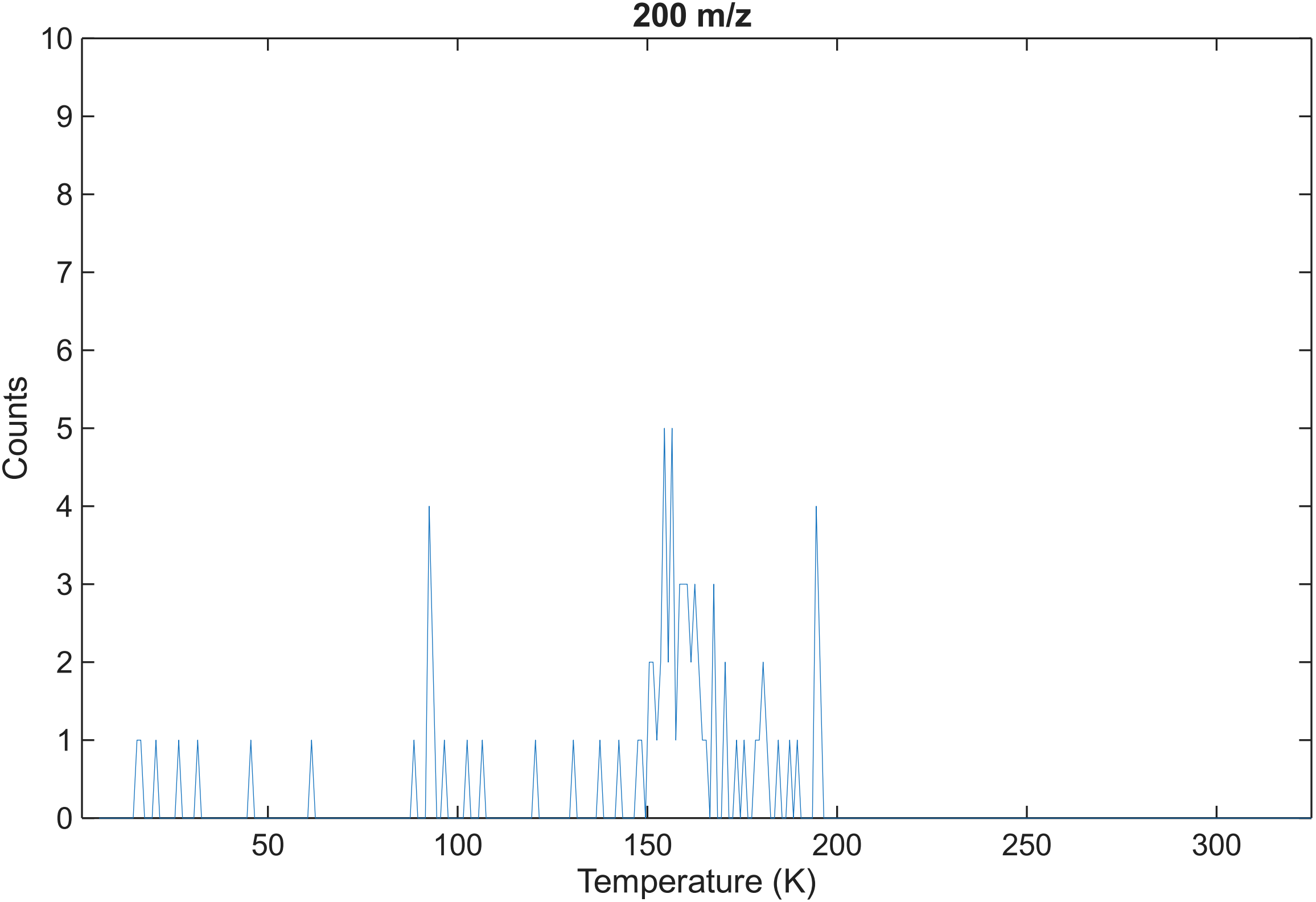

195 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

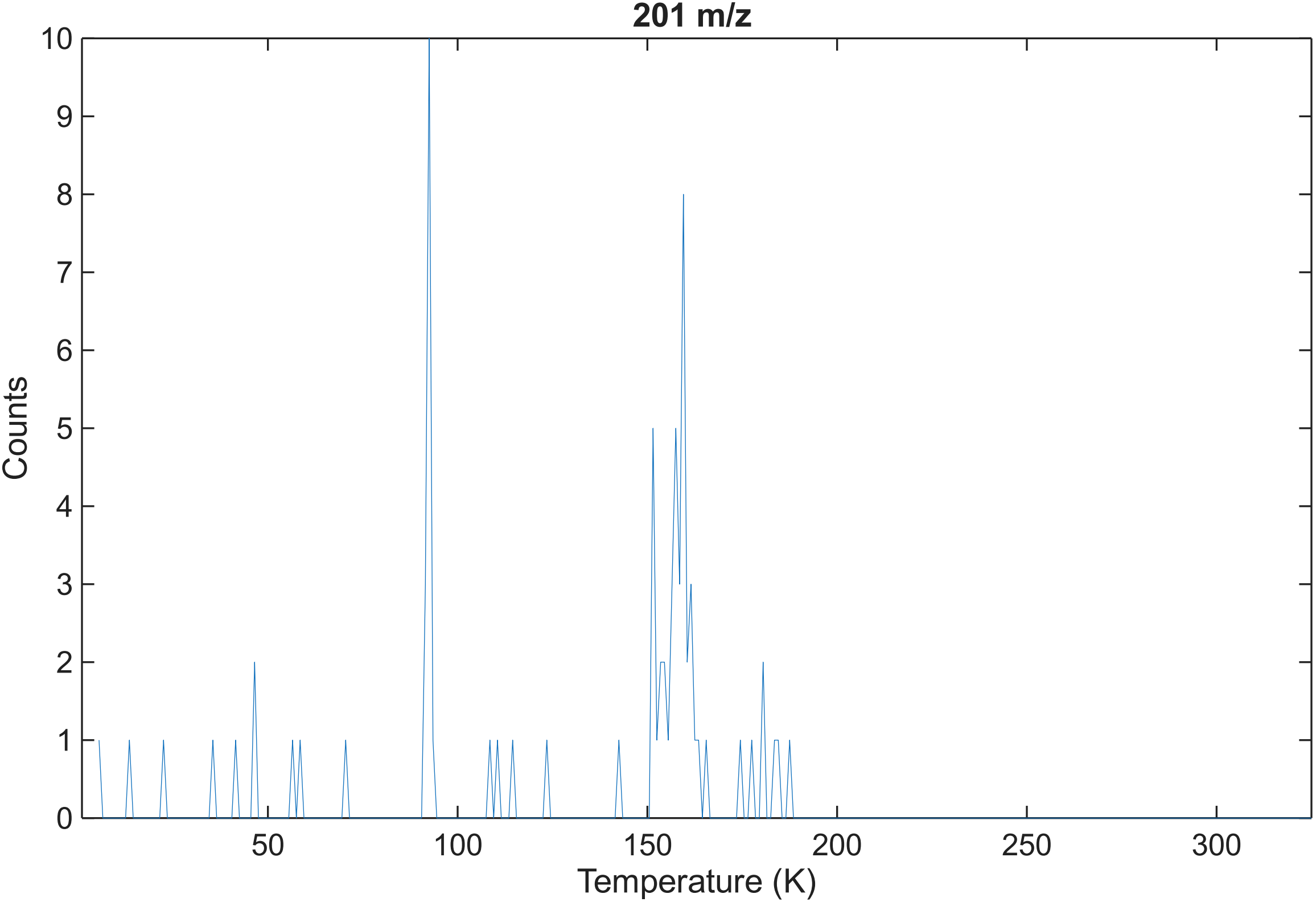

196 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

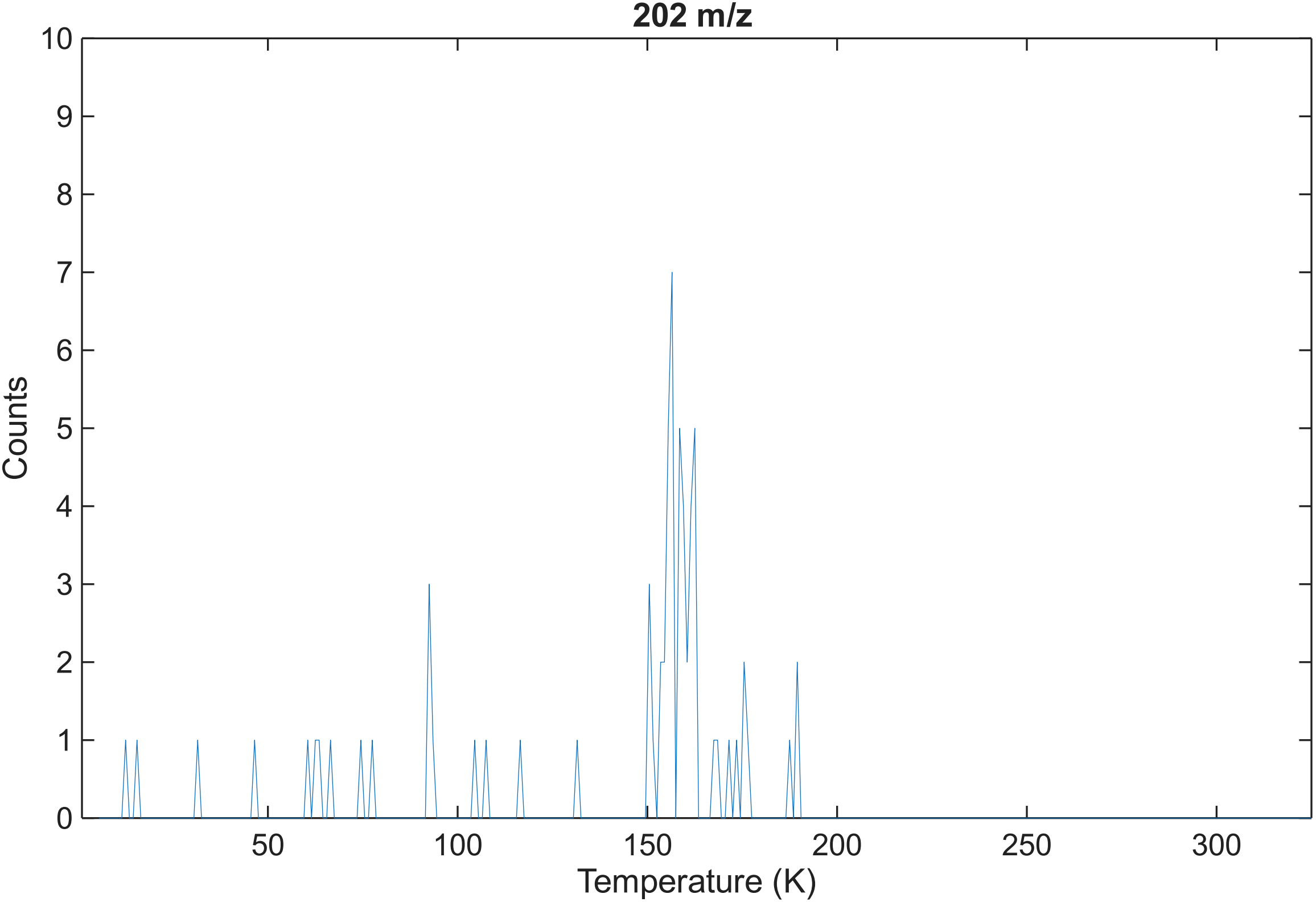

197 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

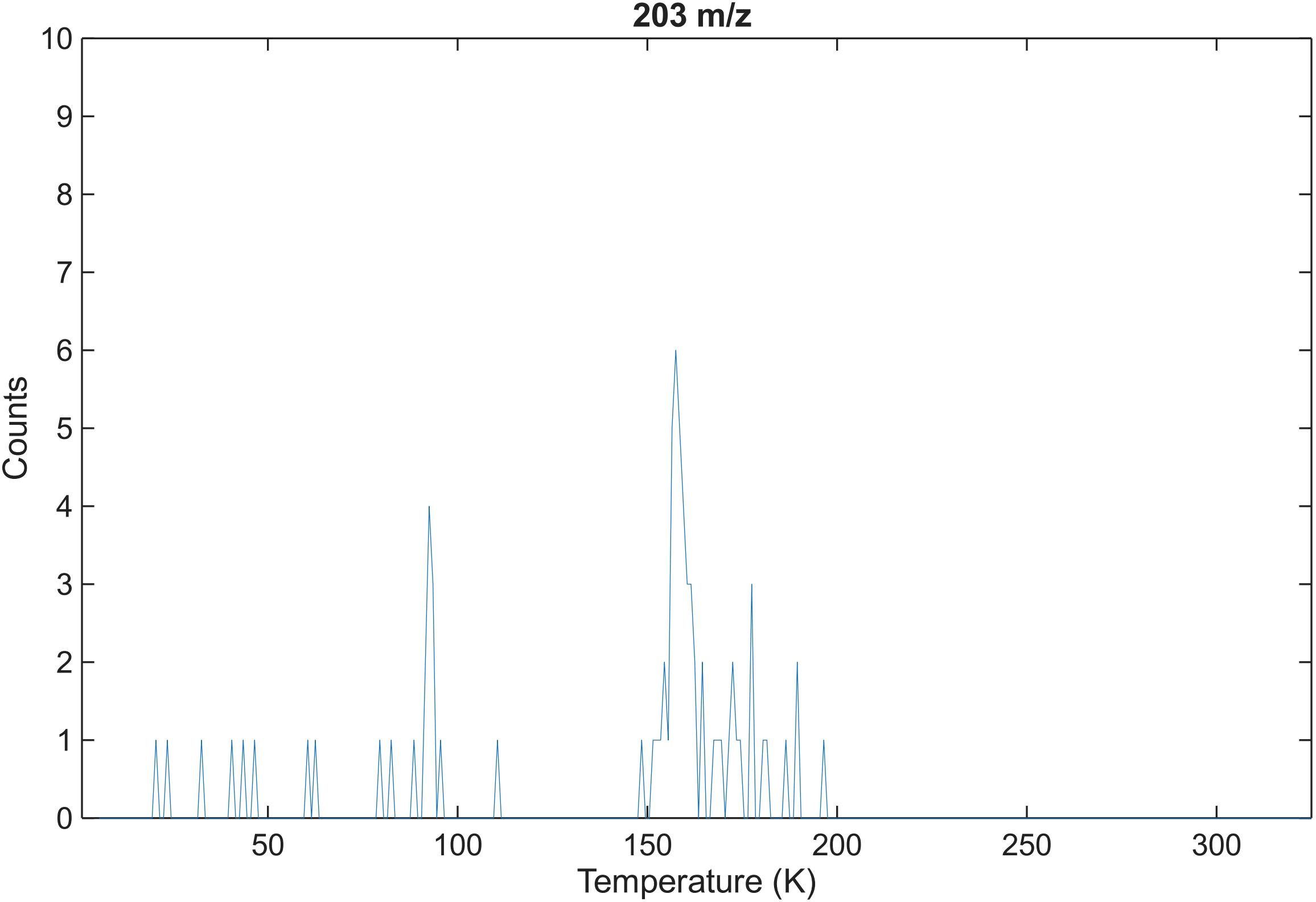

198 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

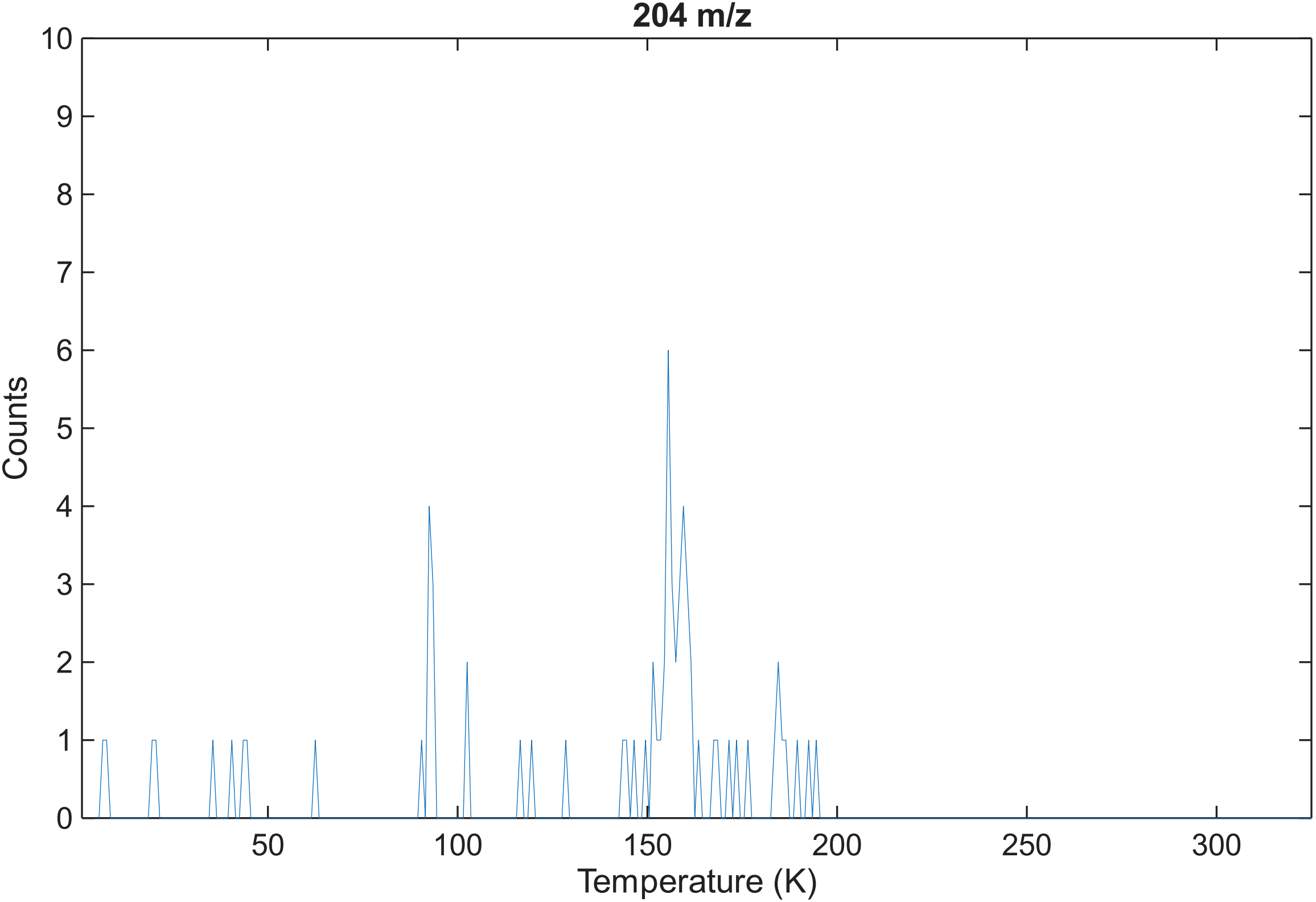

199 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

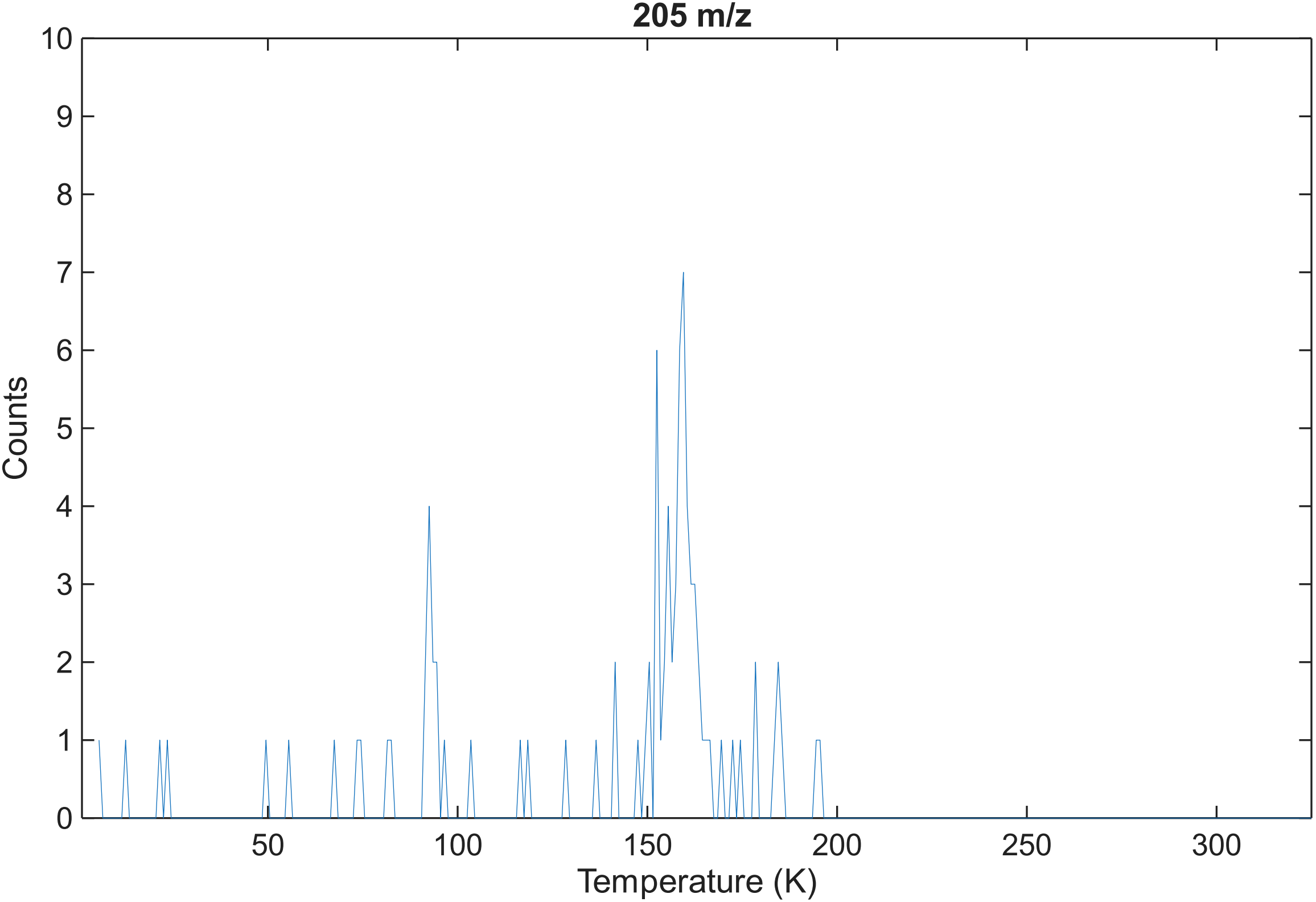

200 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

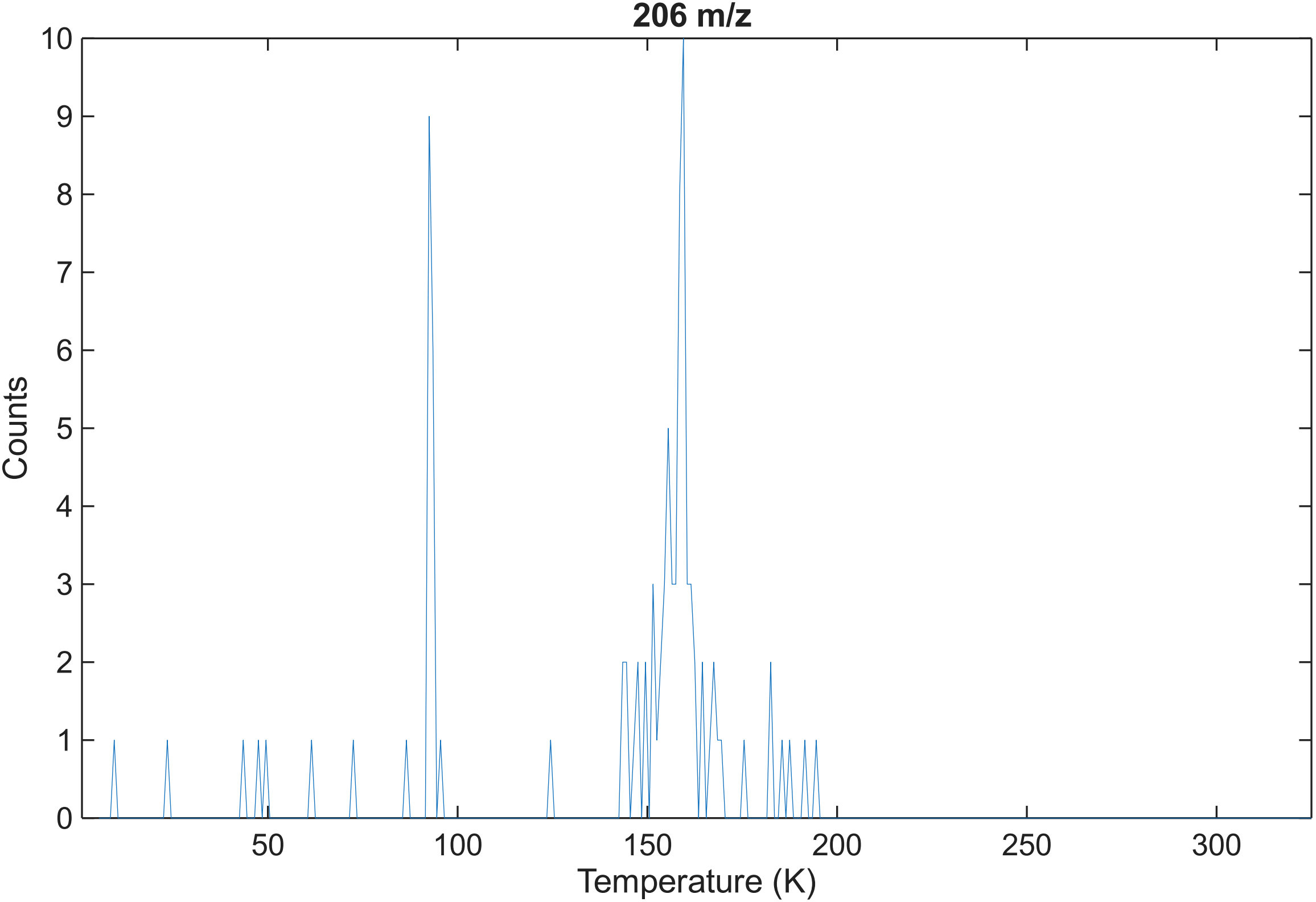

201 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

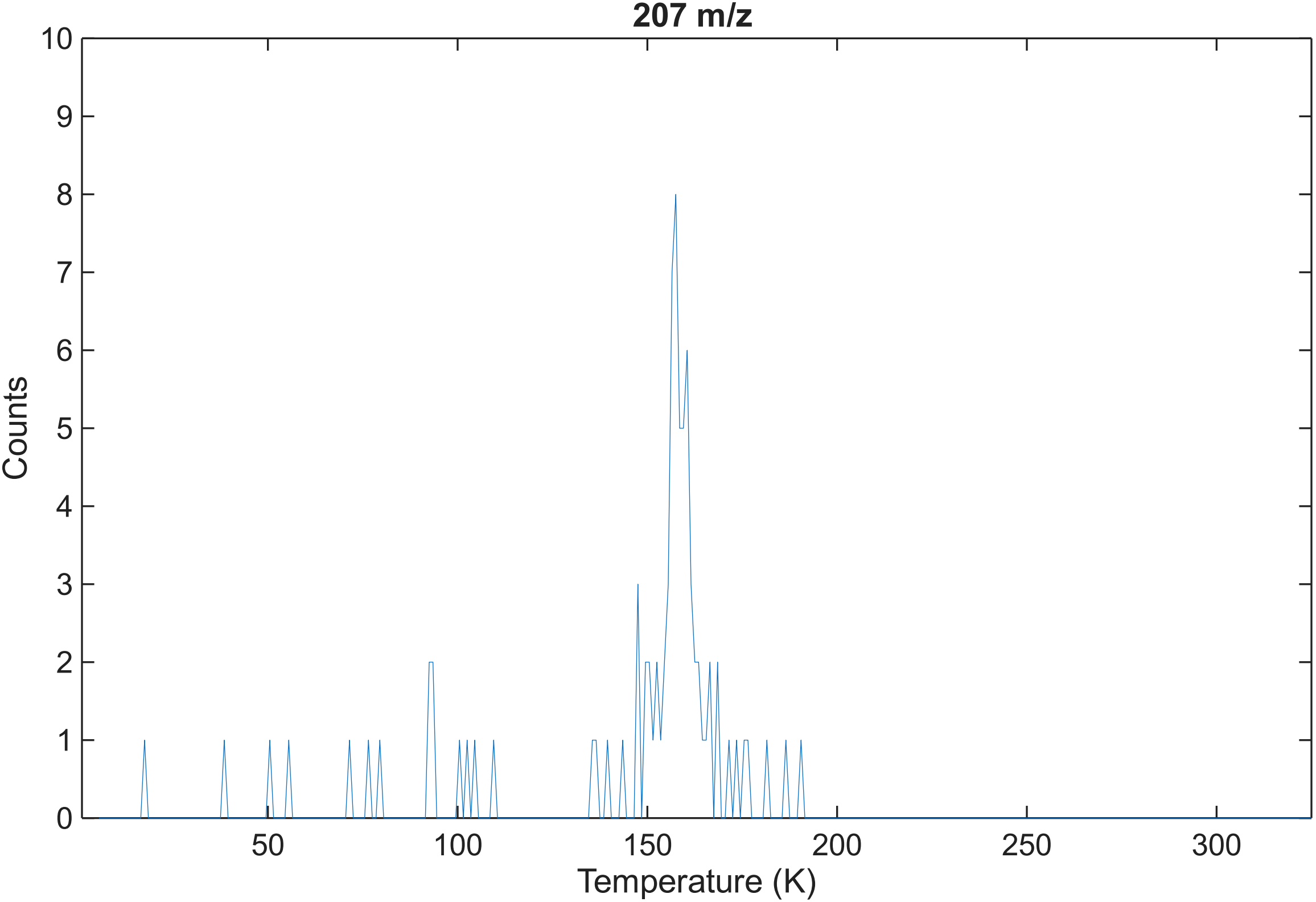

202 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

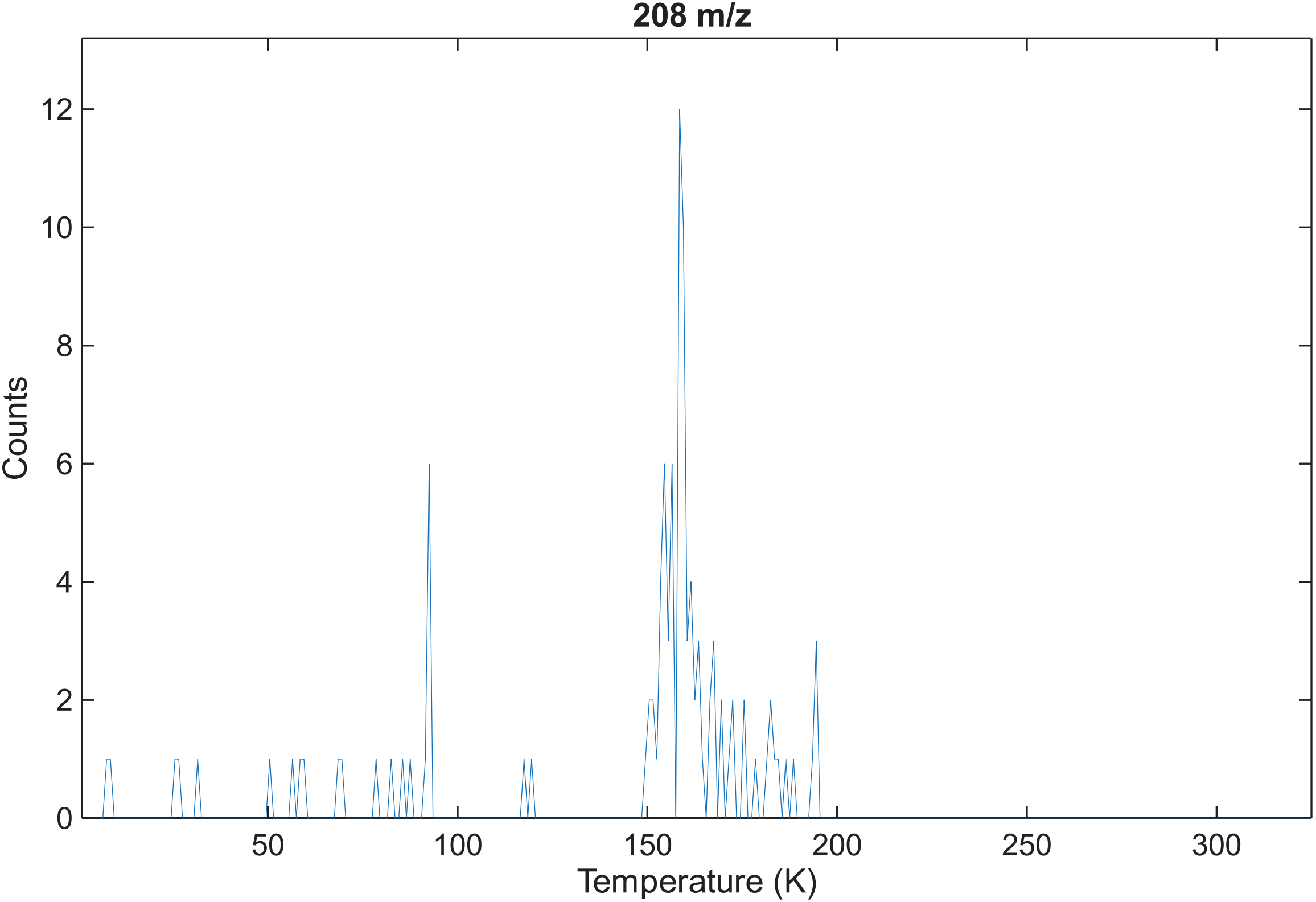

203 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

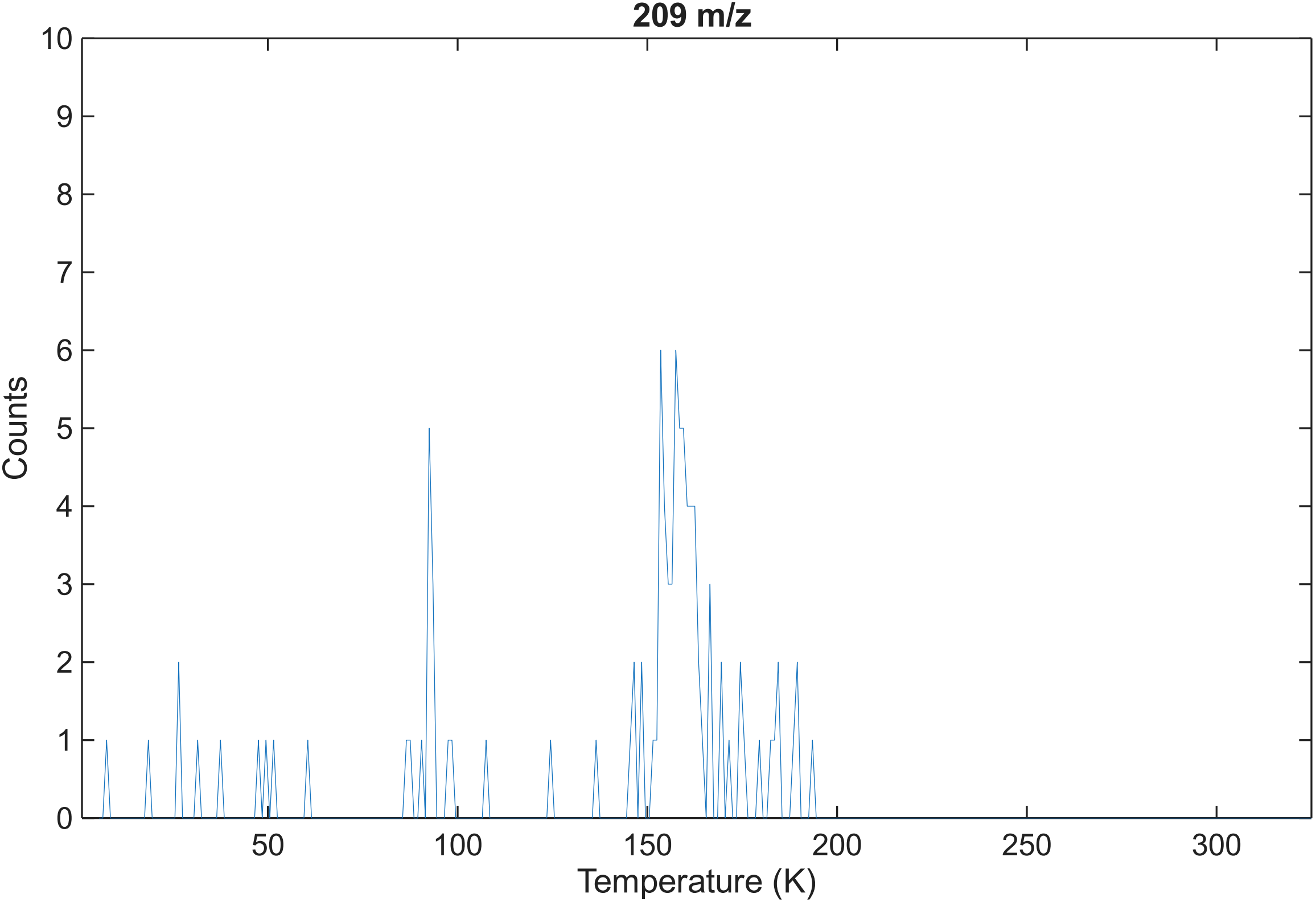

204 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

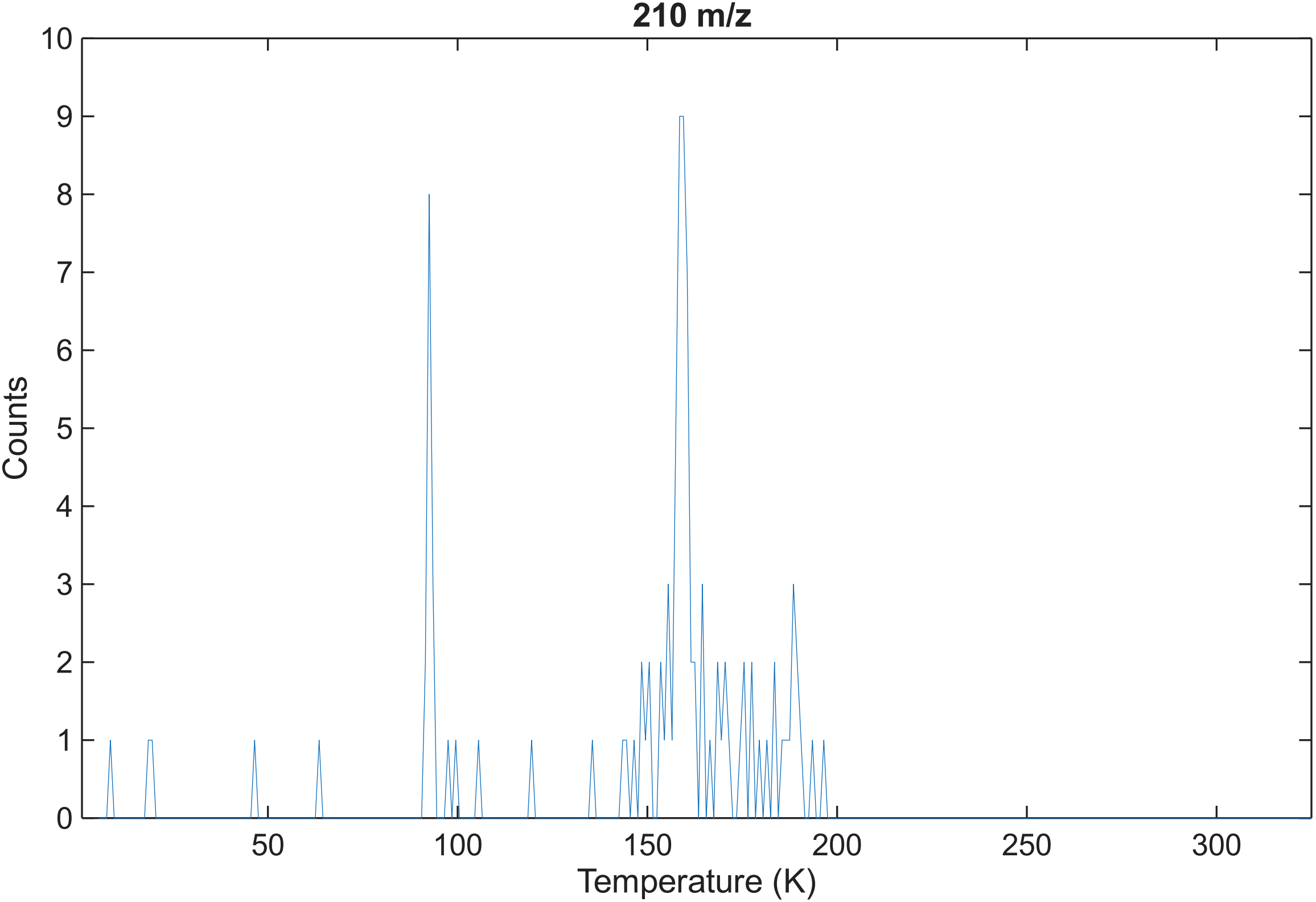

205 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

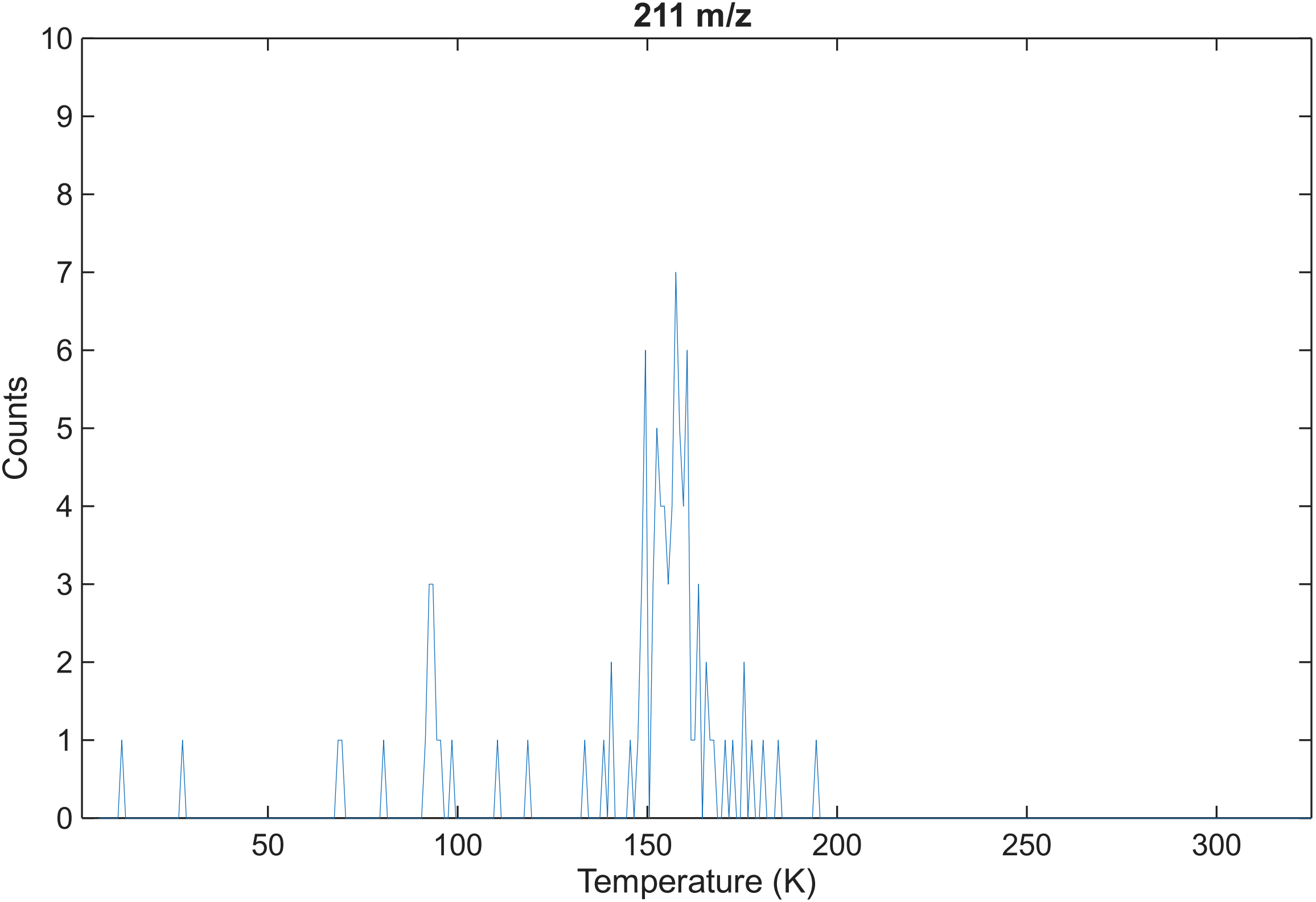

206 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

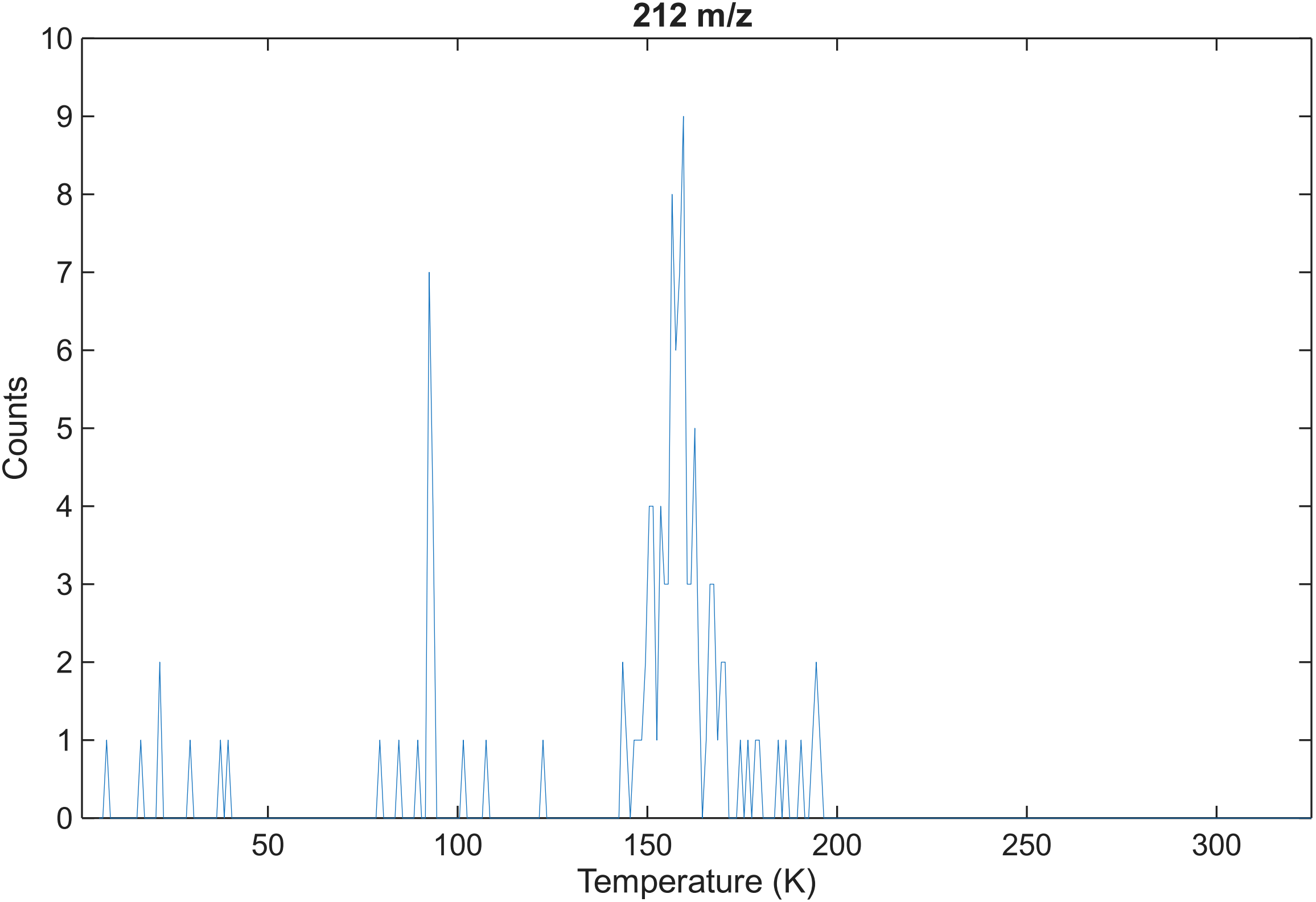

207 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

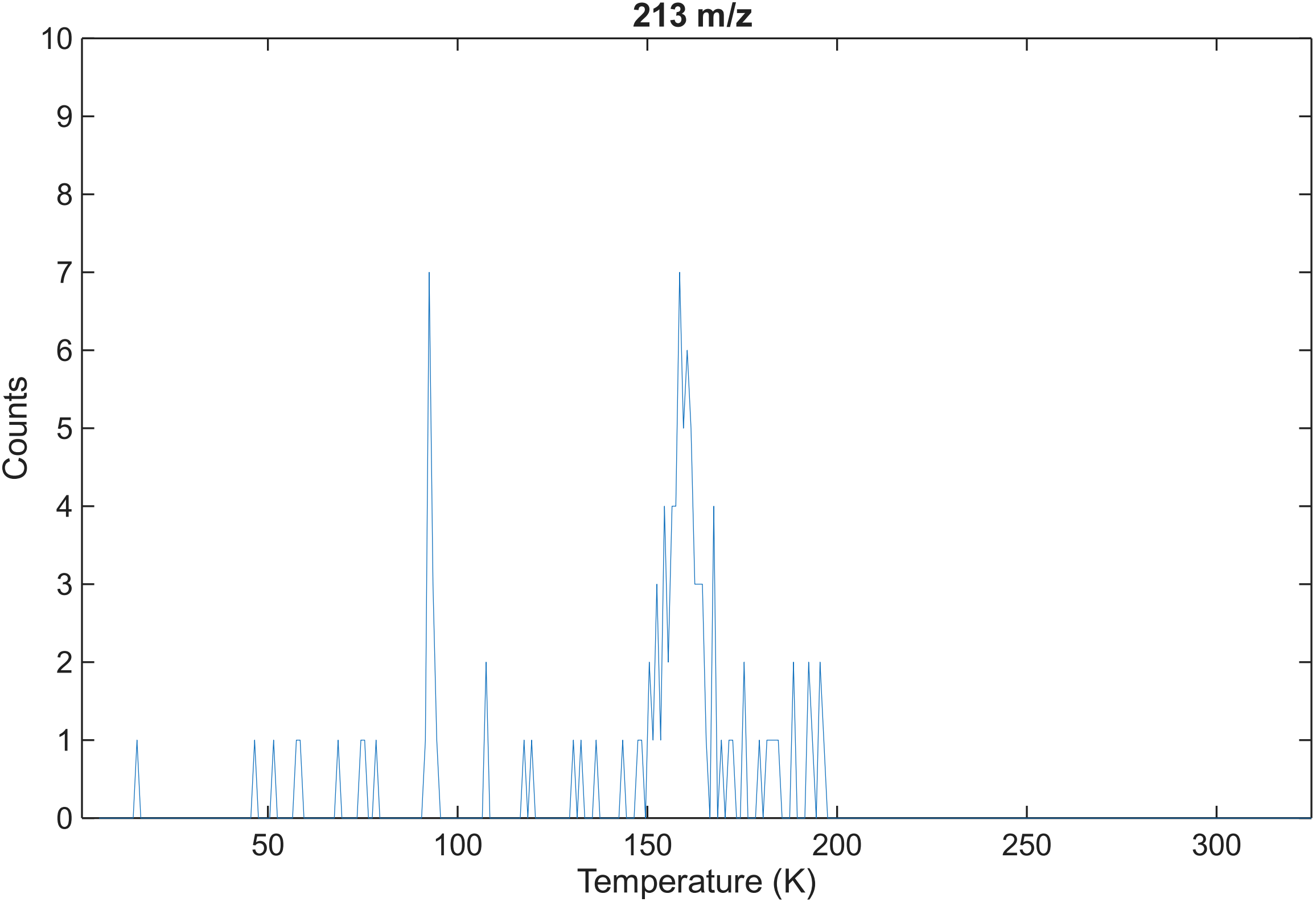

208 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

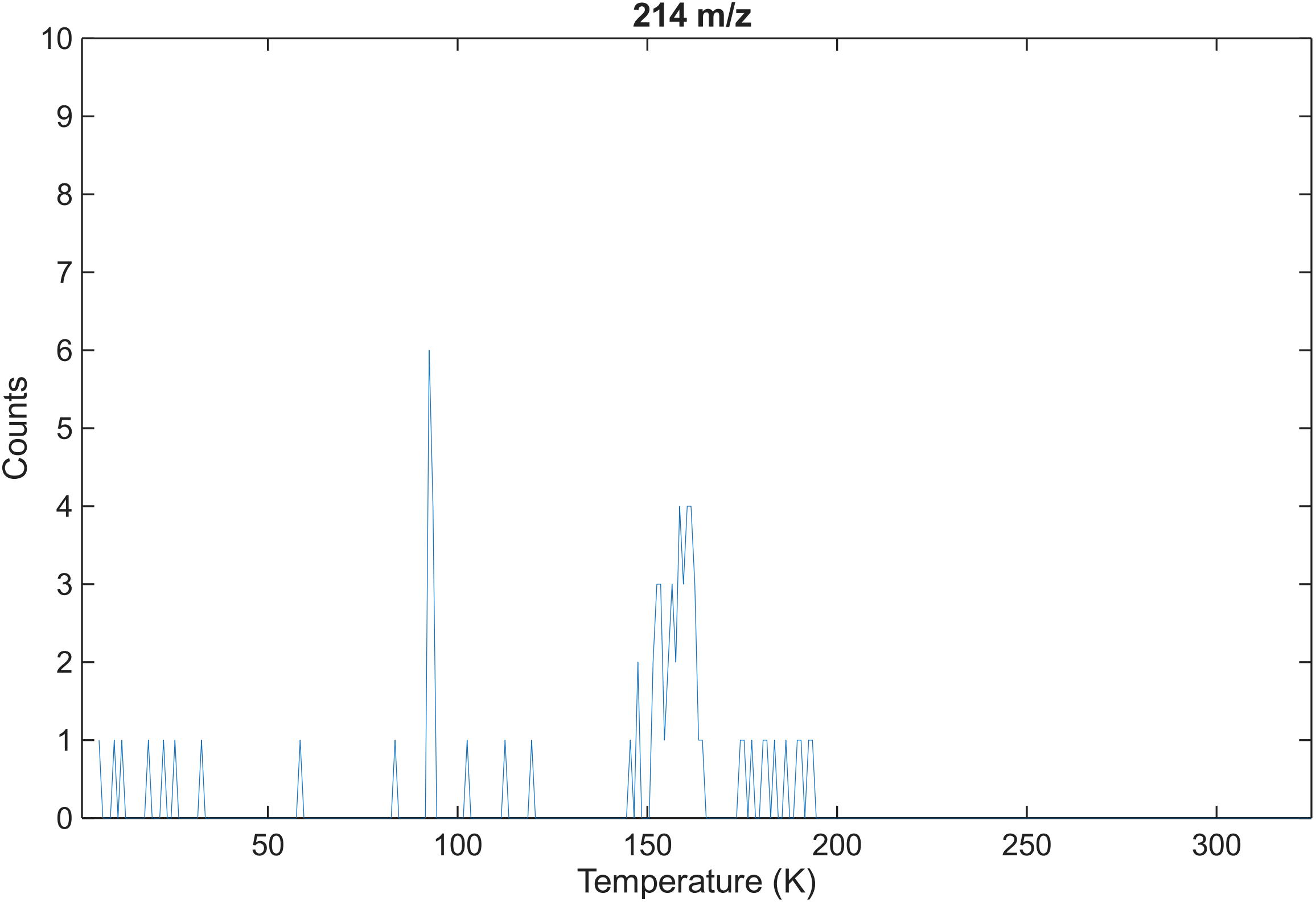

209 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

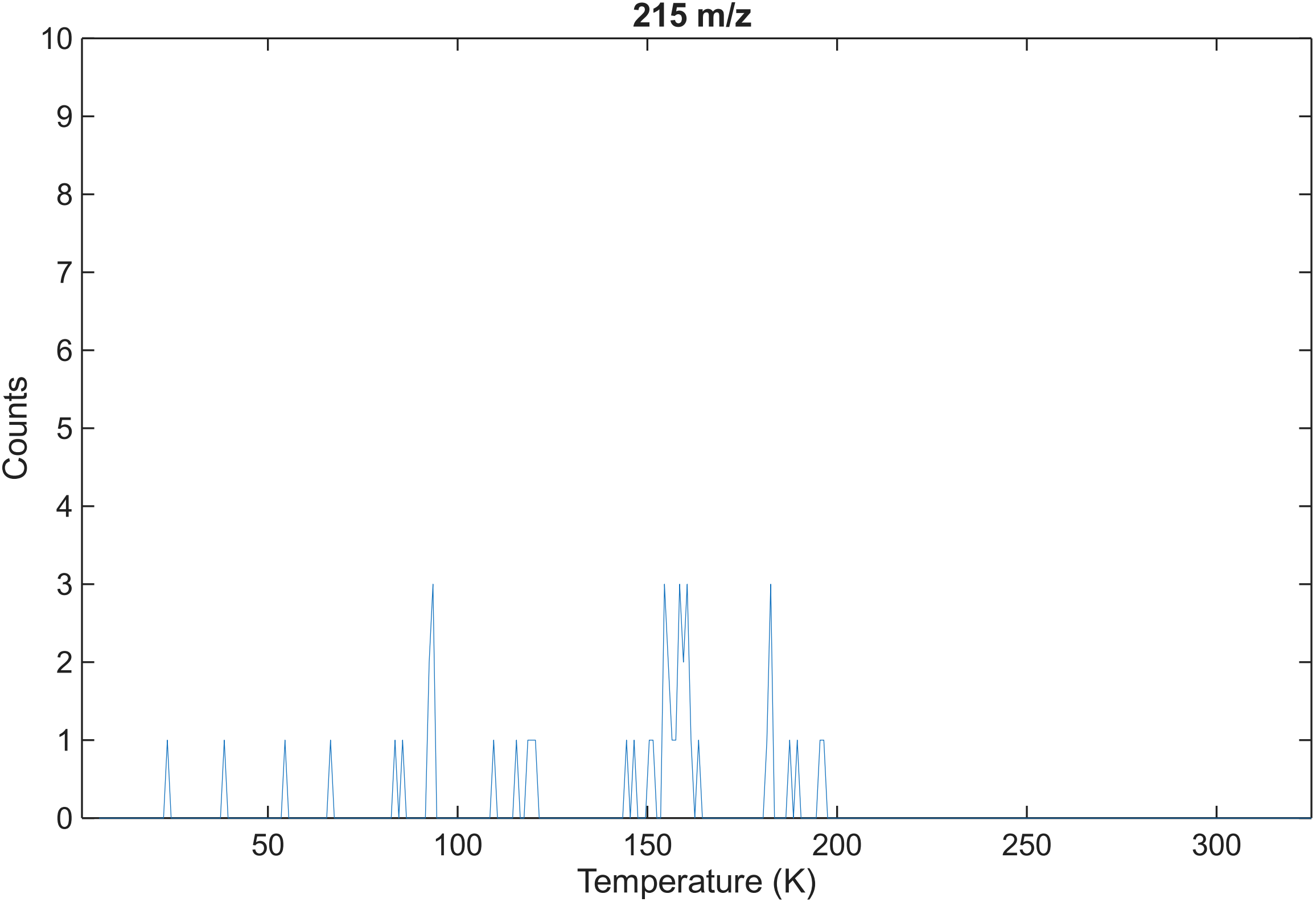

210 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

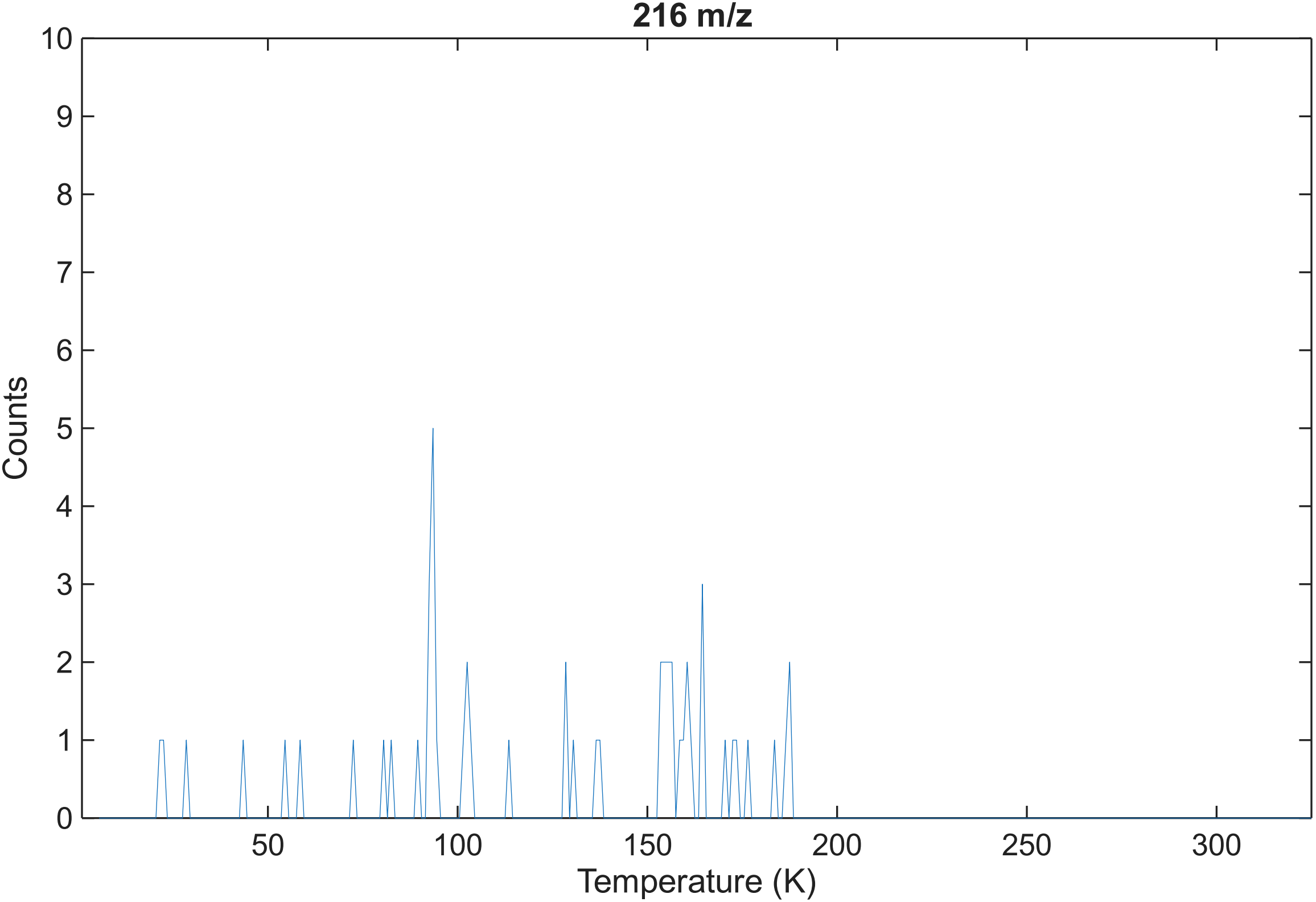

211 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

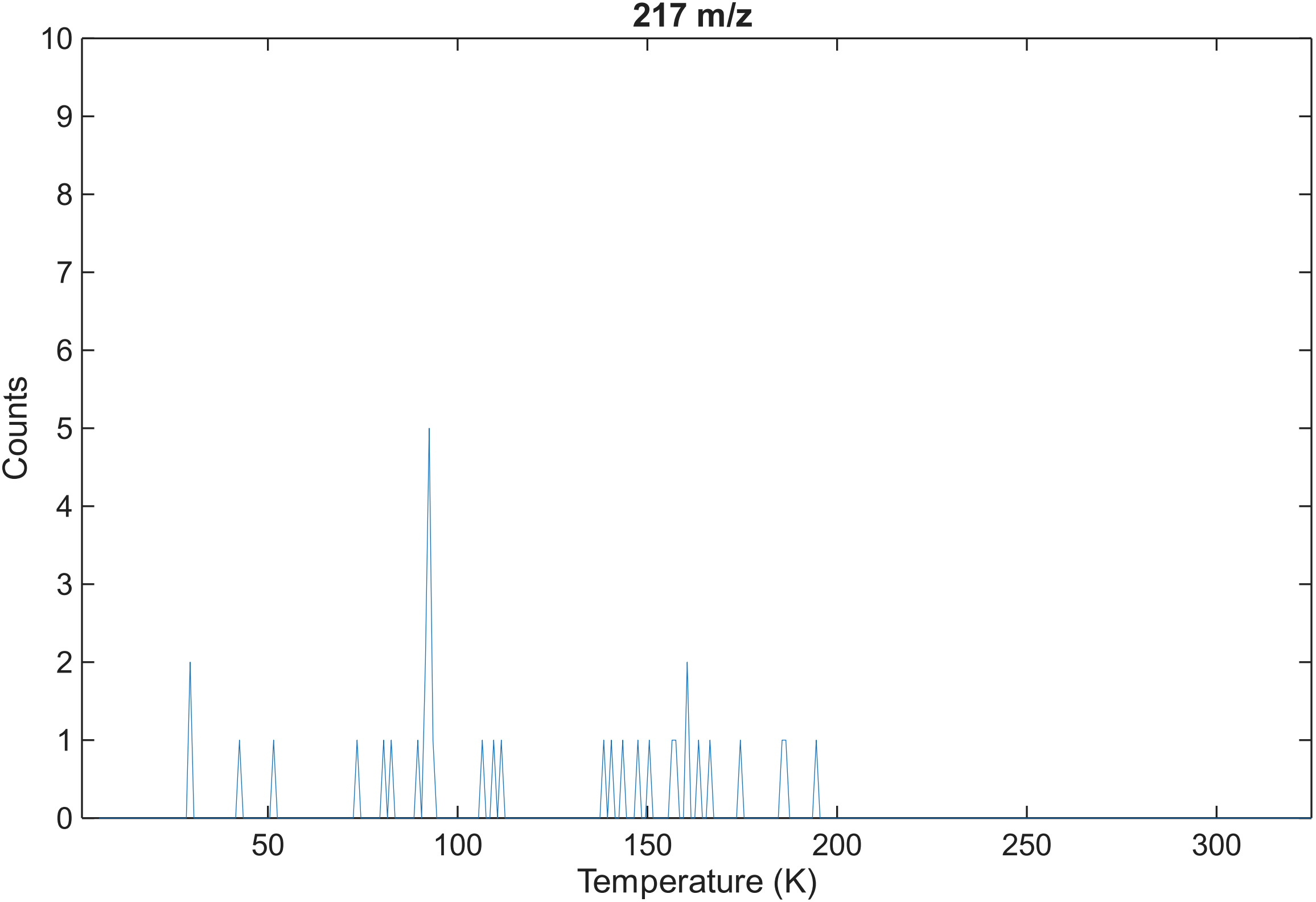

212 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

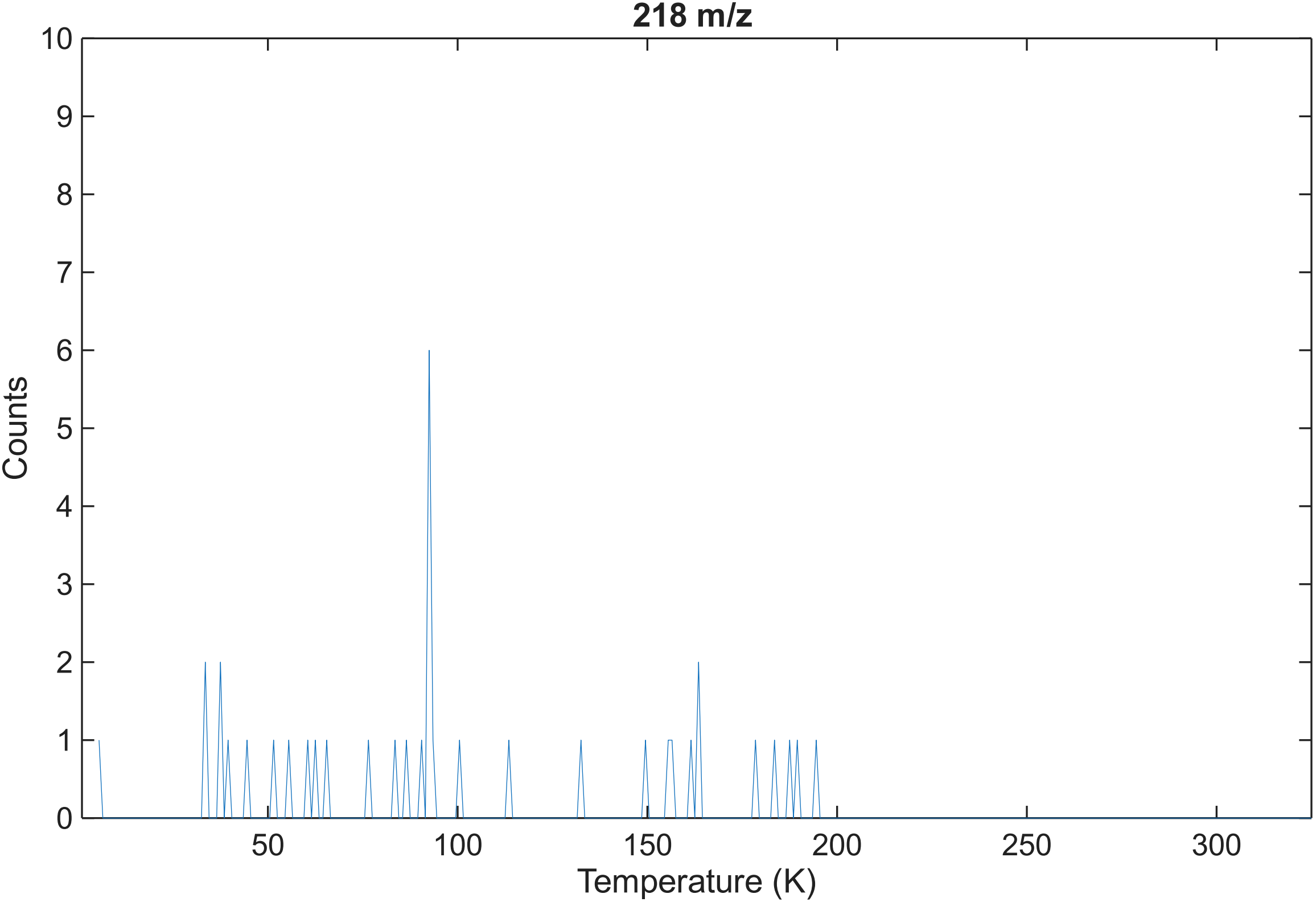

213 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

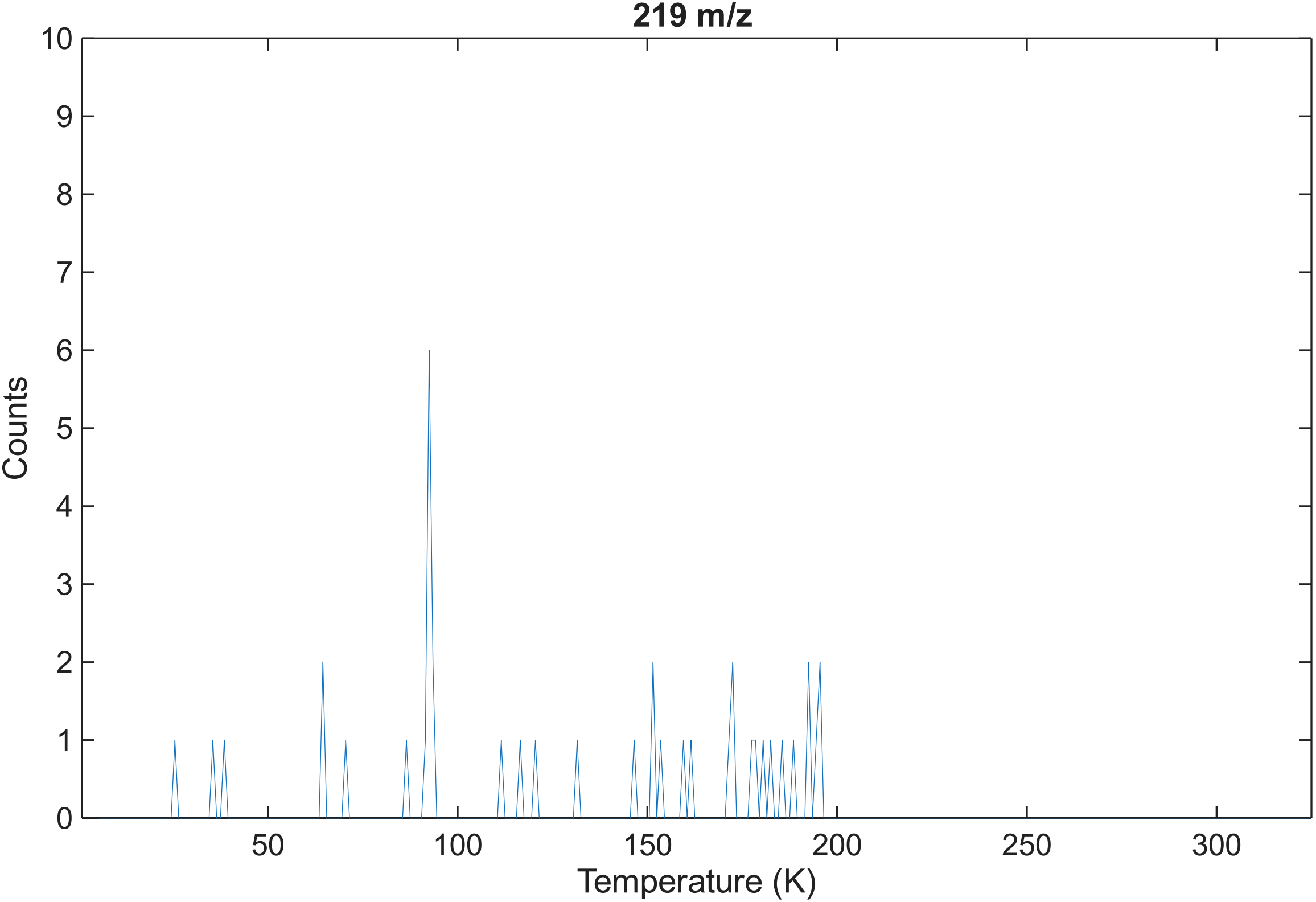

214 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

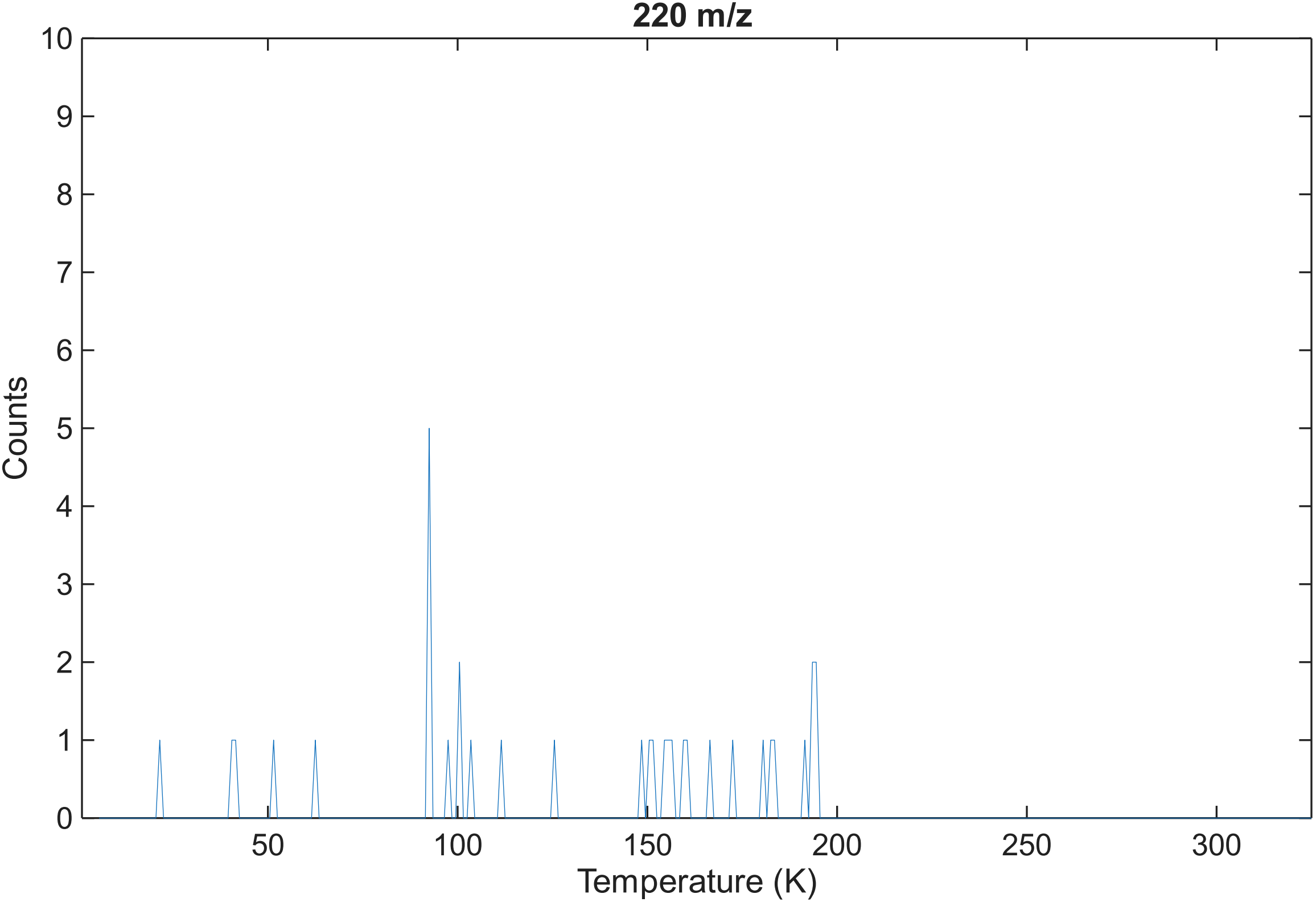

215 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

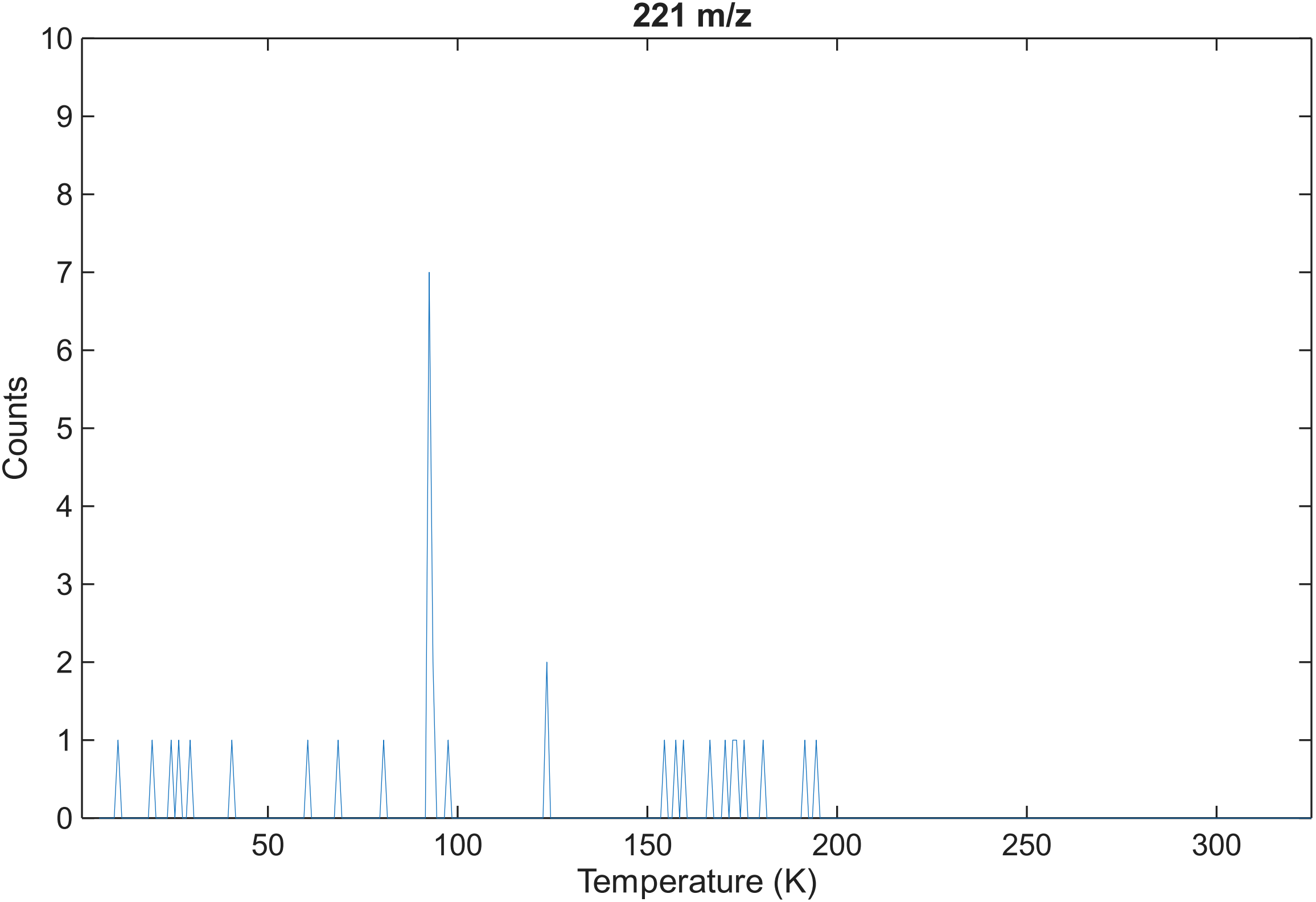

216 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

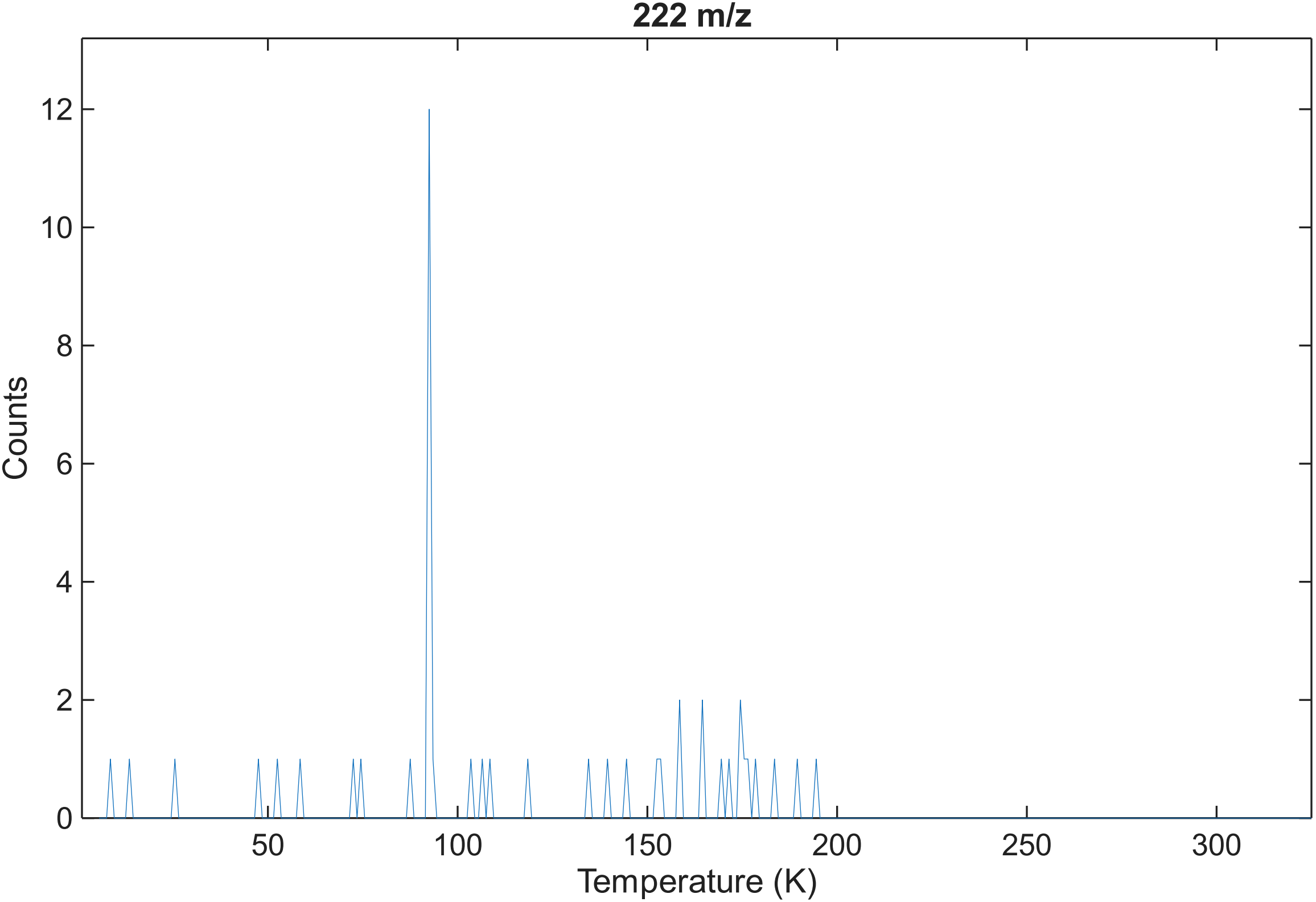

217 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

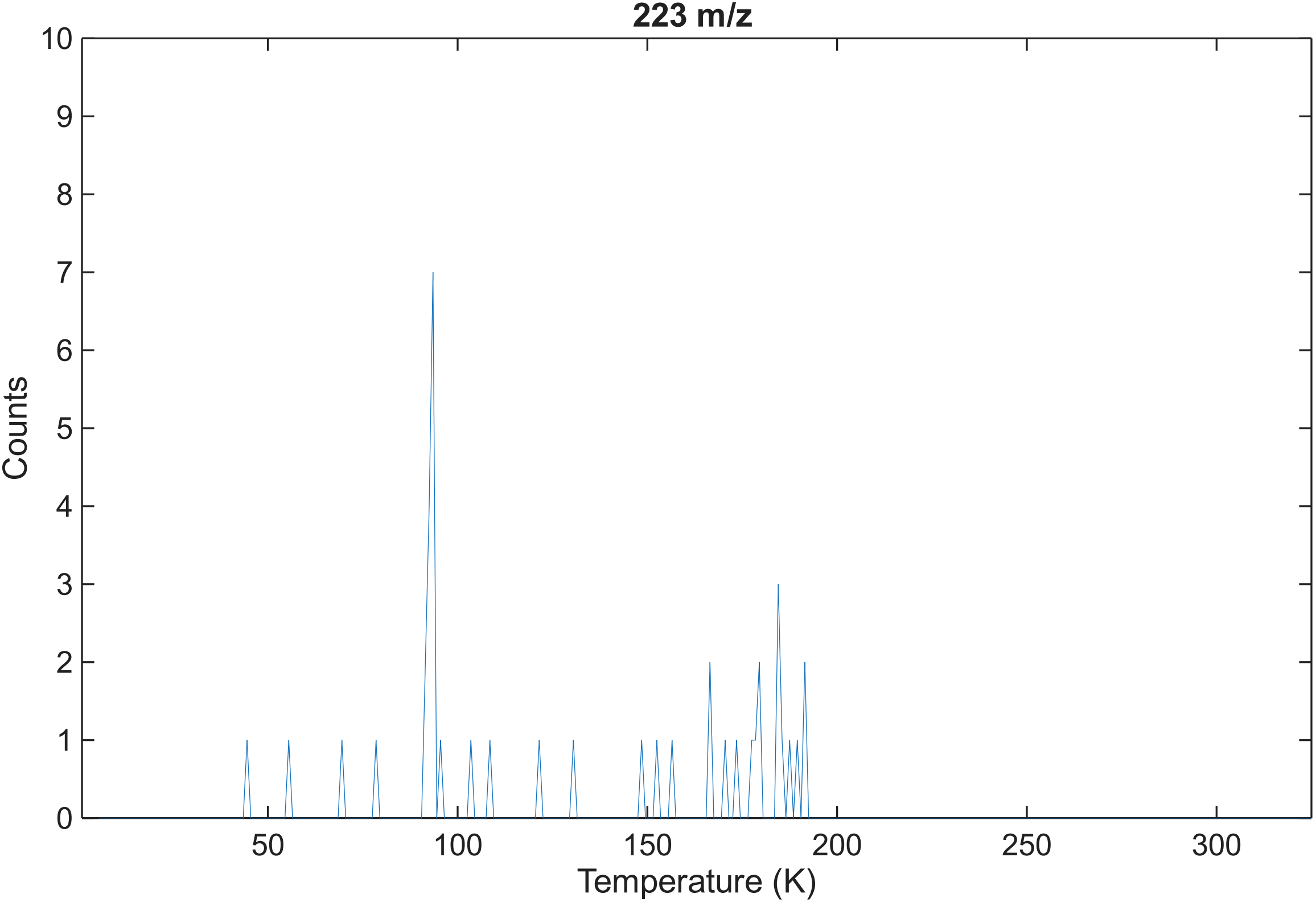

218 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

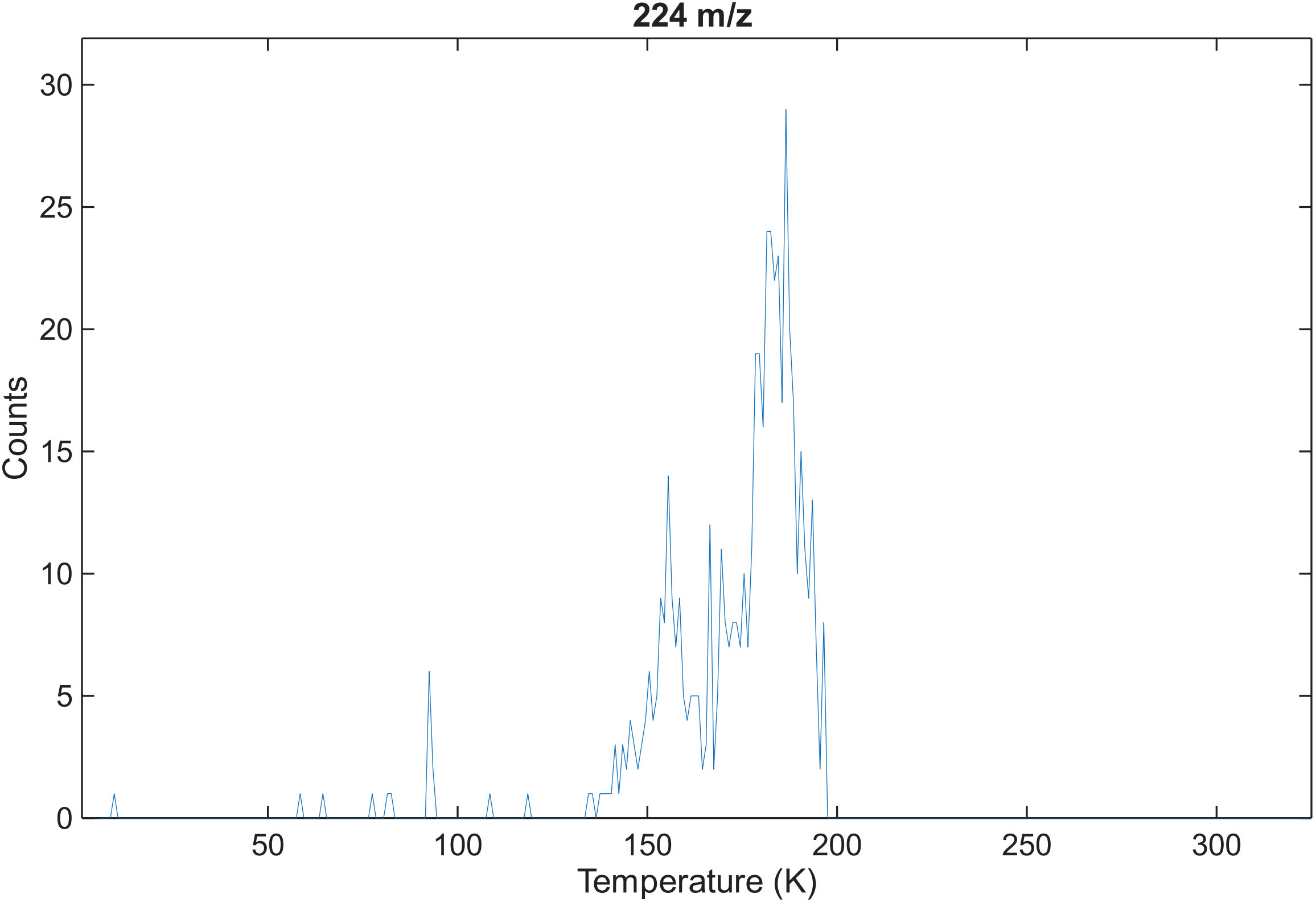

219 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

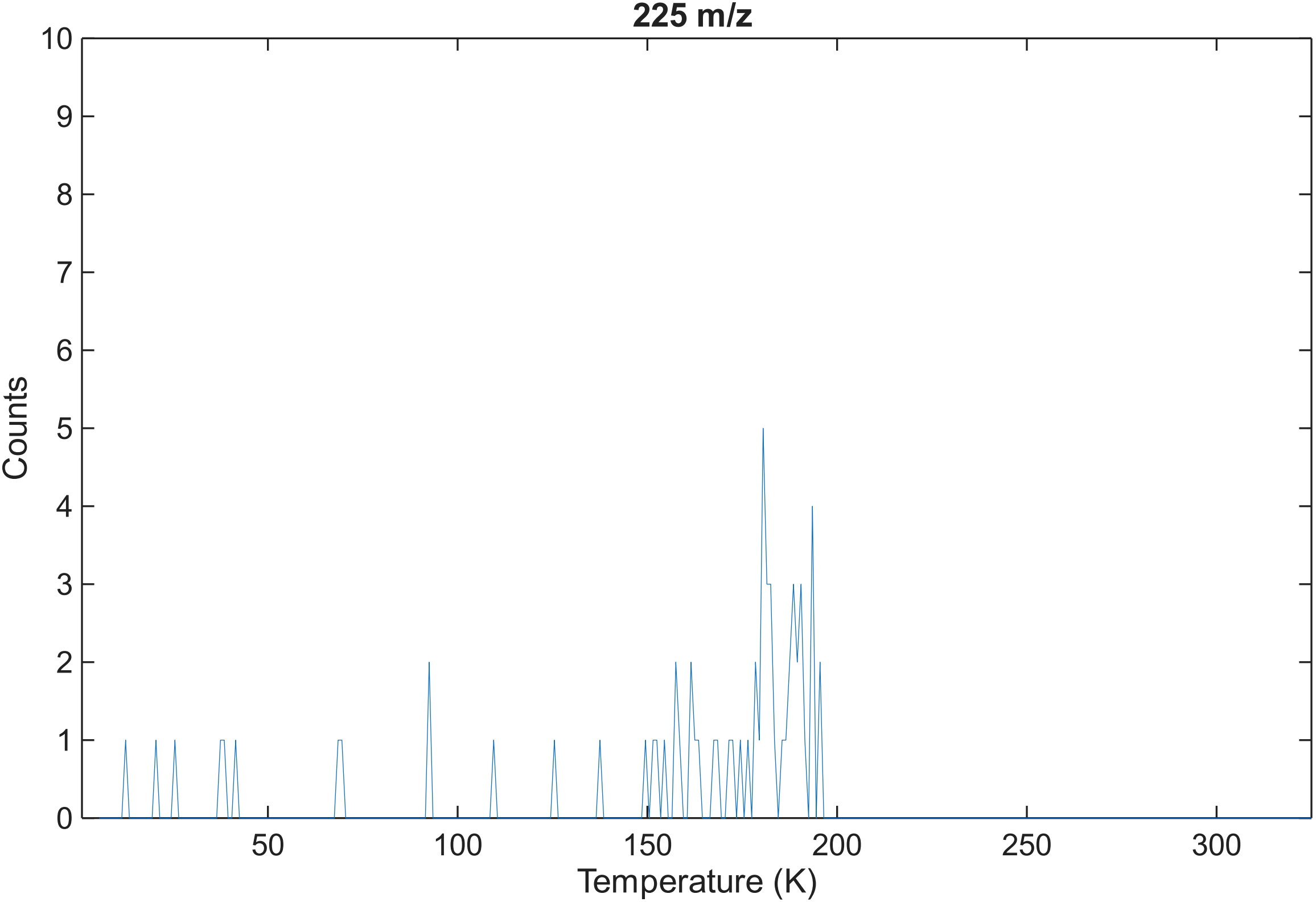

220 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

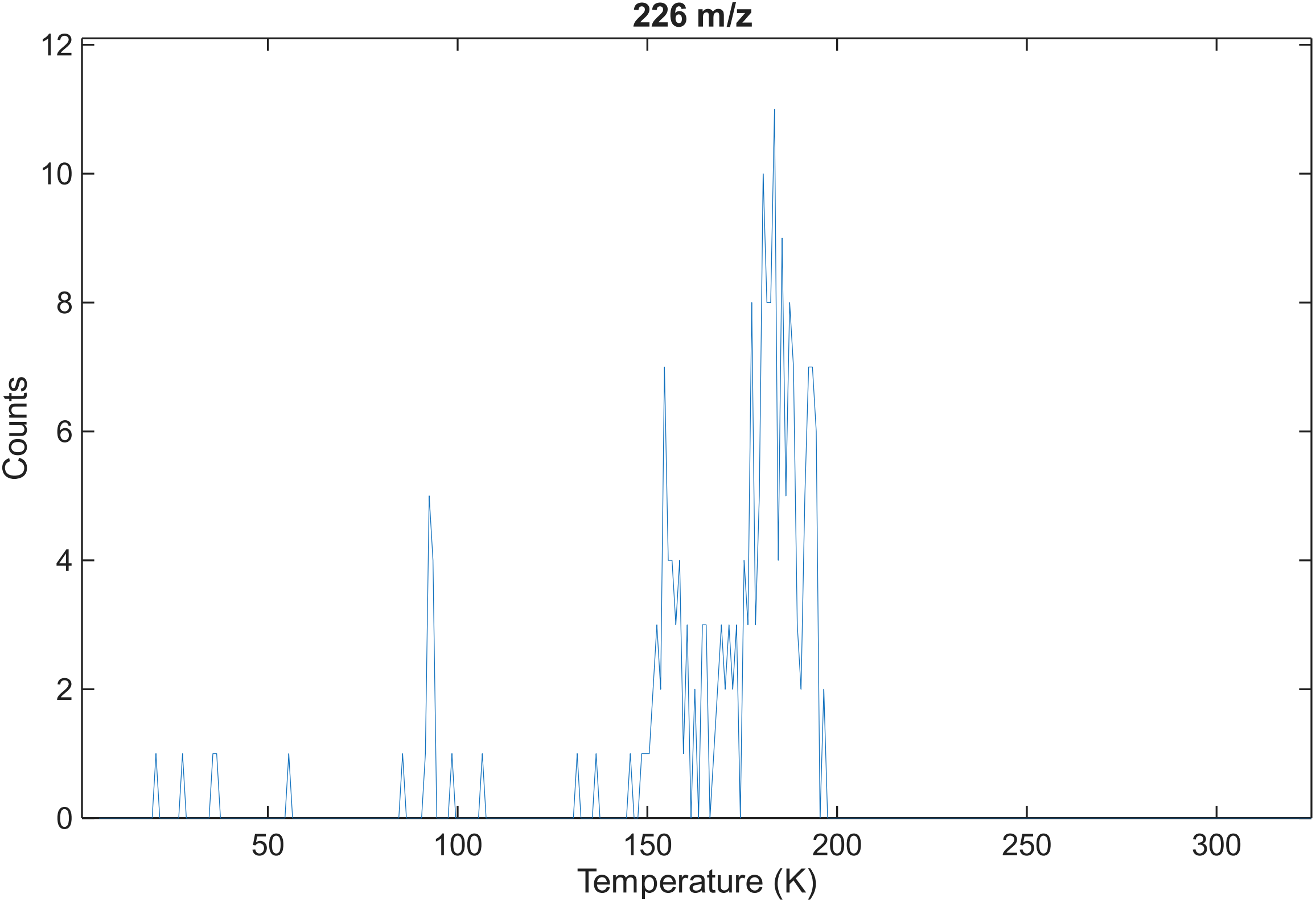

221 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

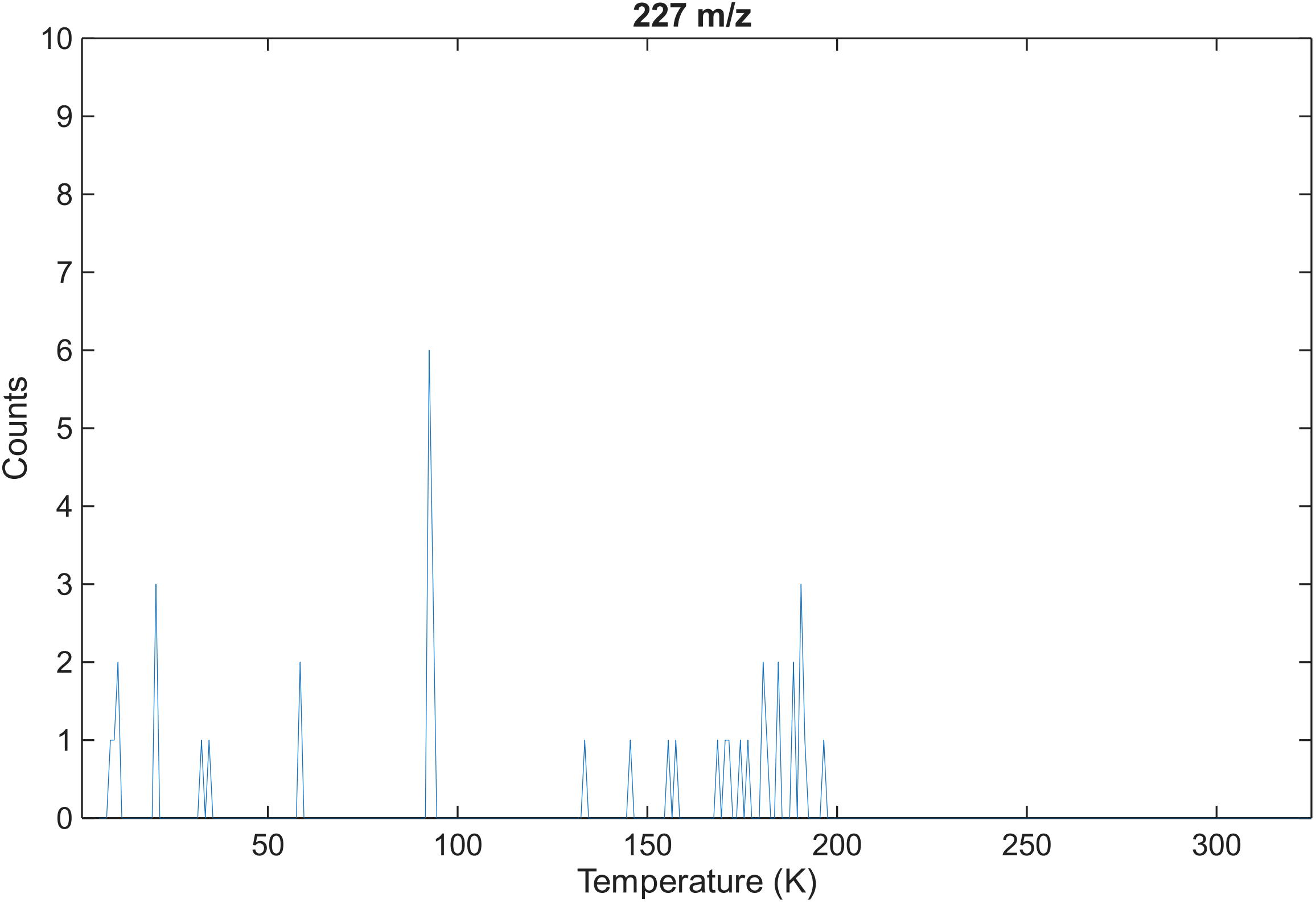

222 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

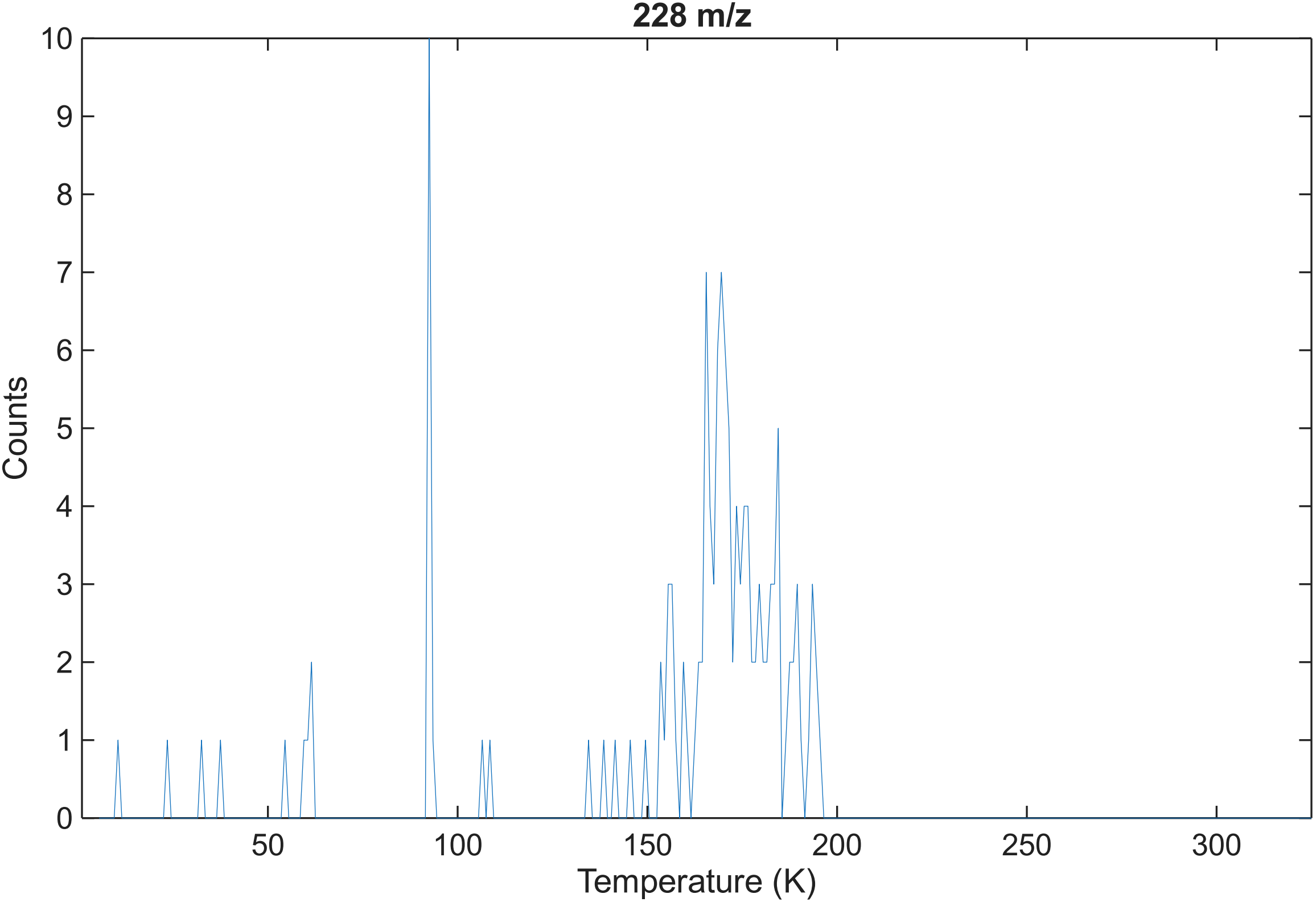

223 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

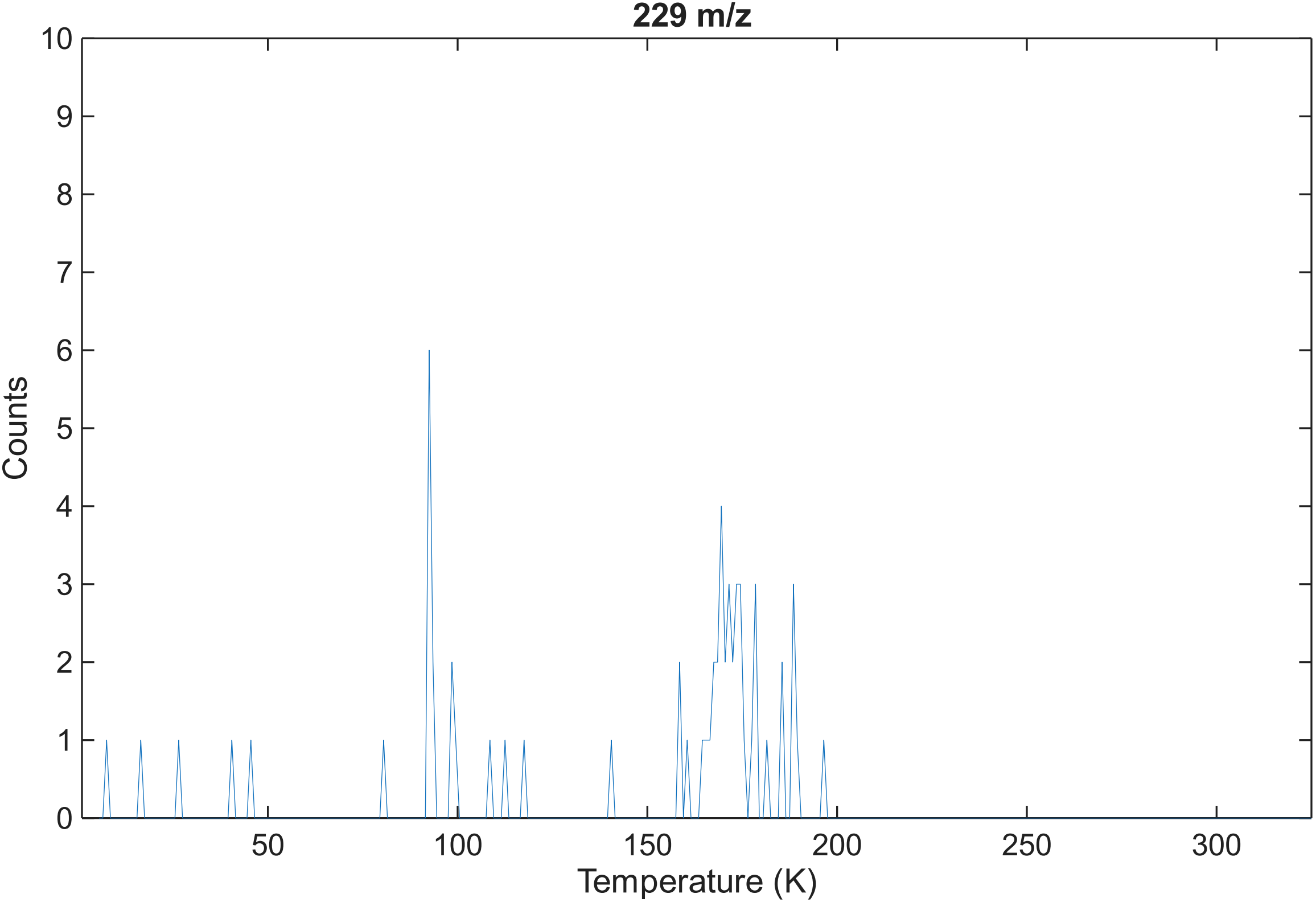

224 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

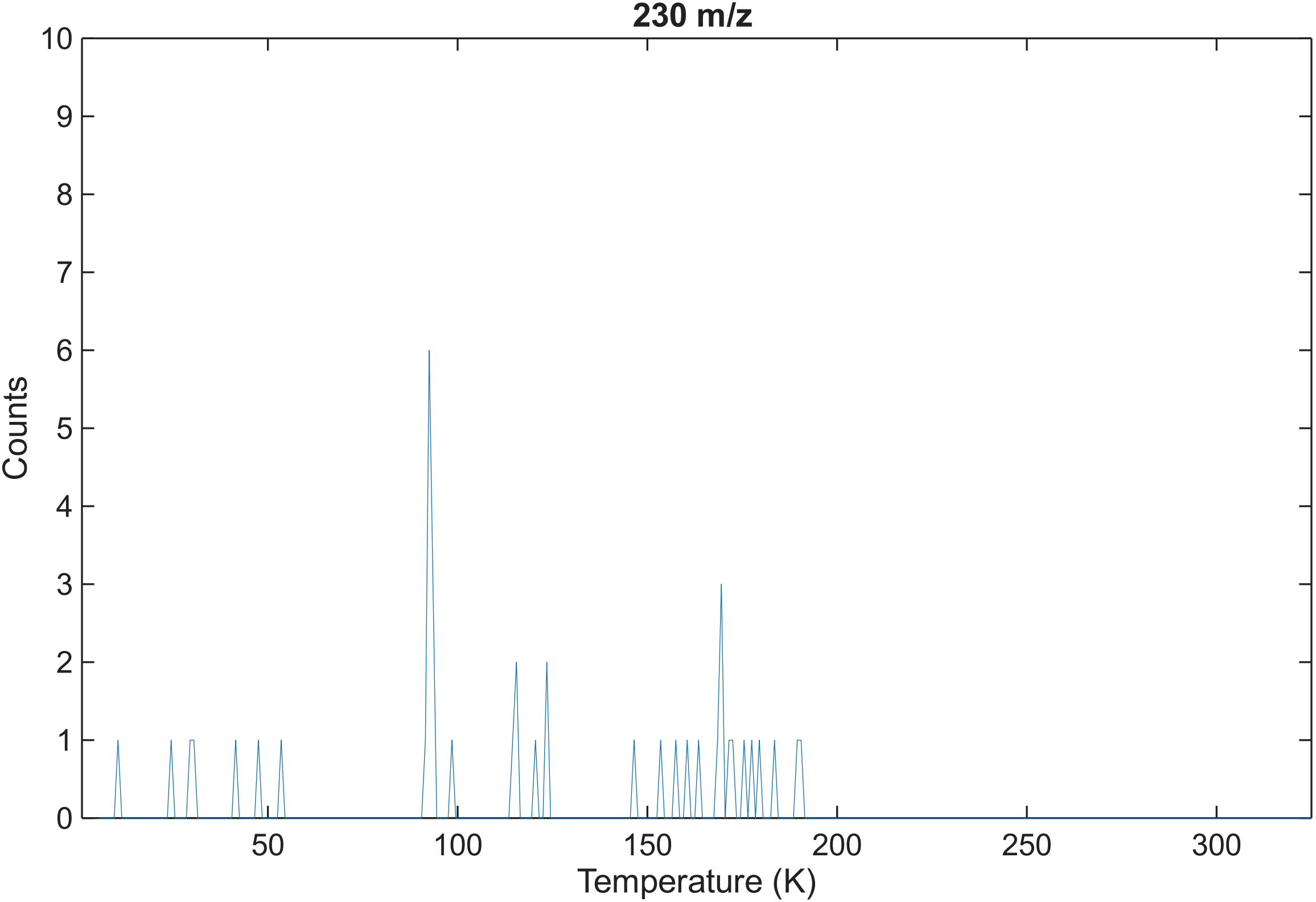

225 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

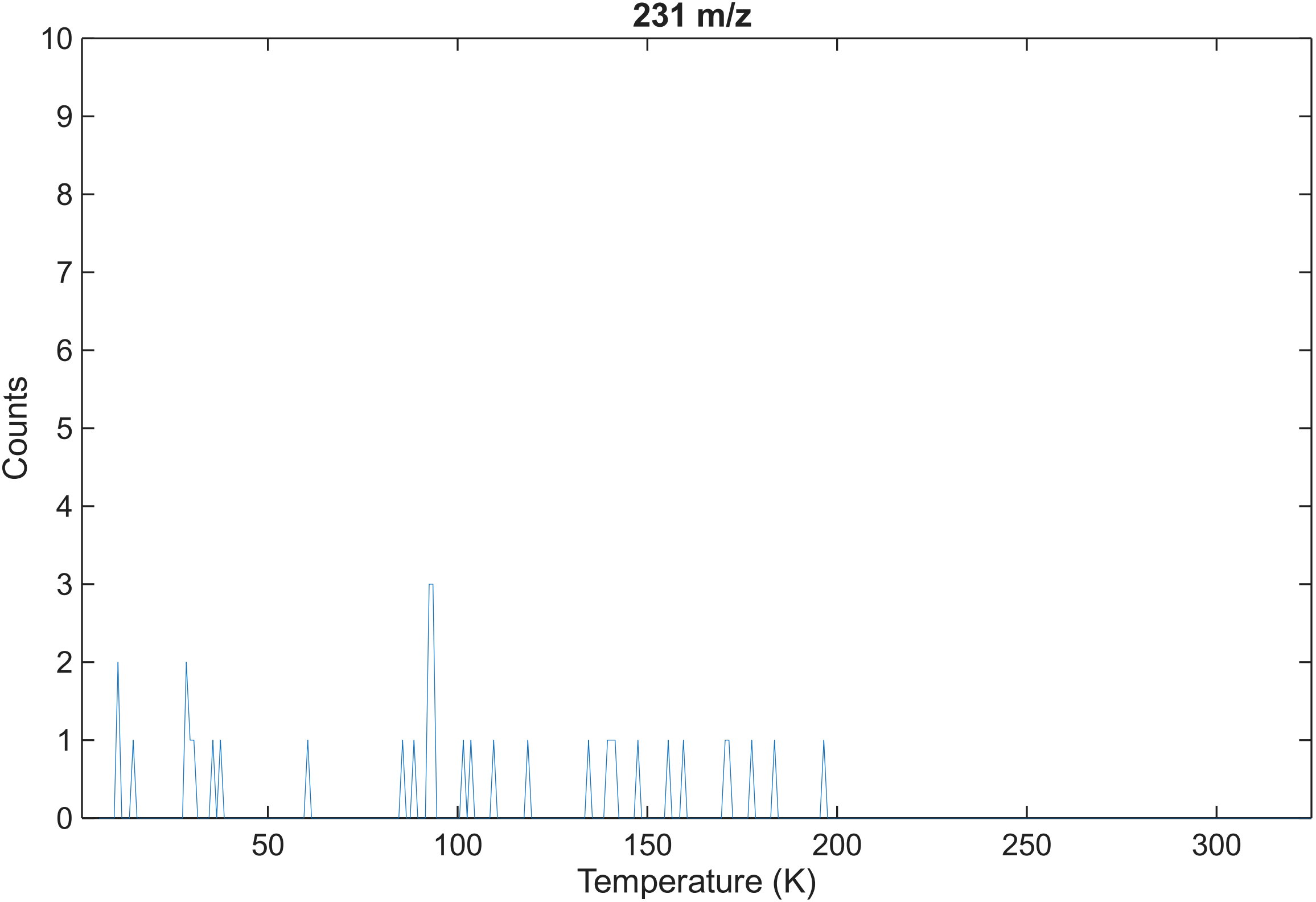

226 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

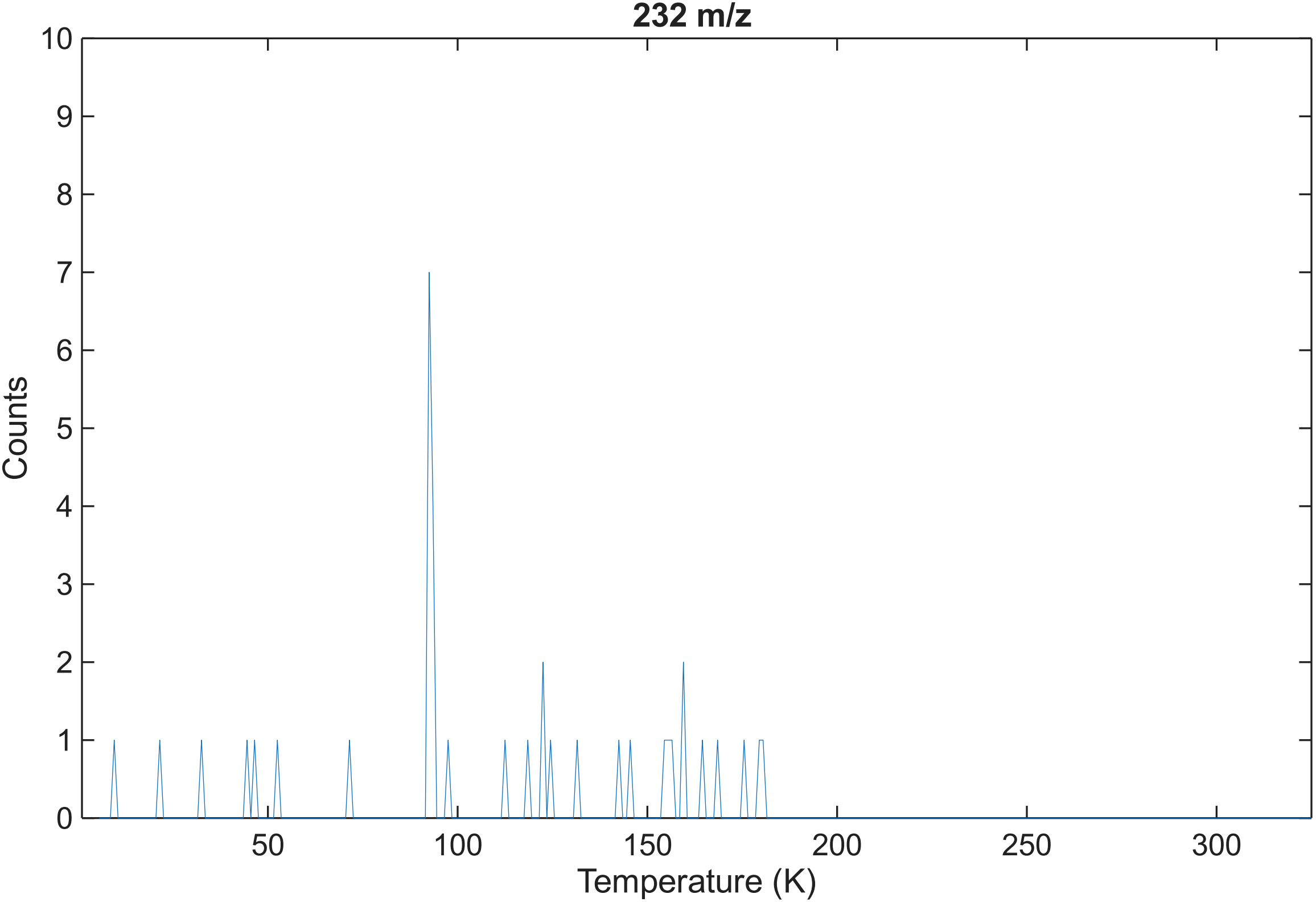

227 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

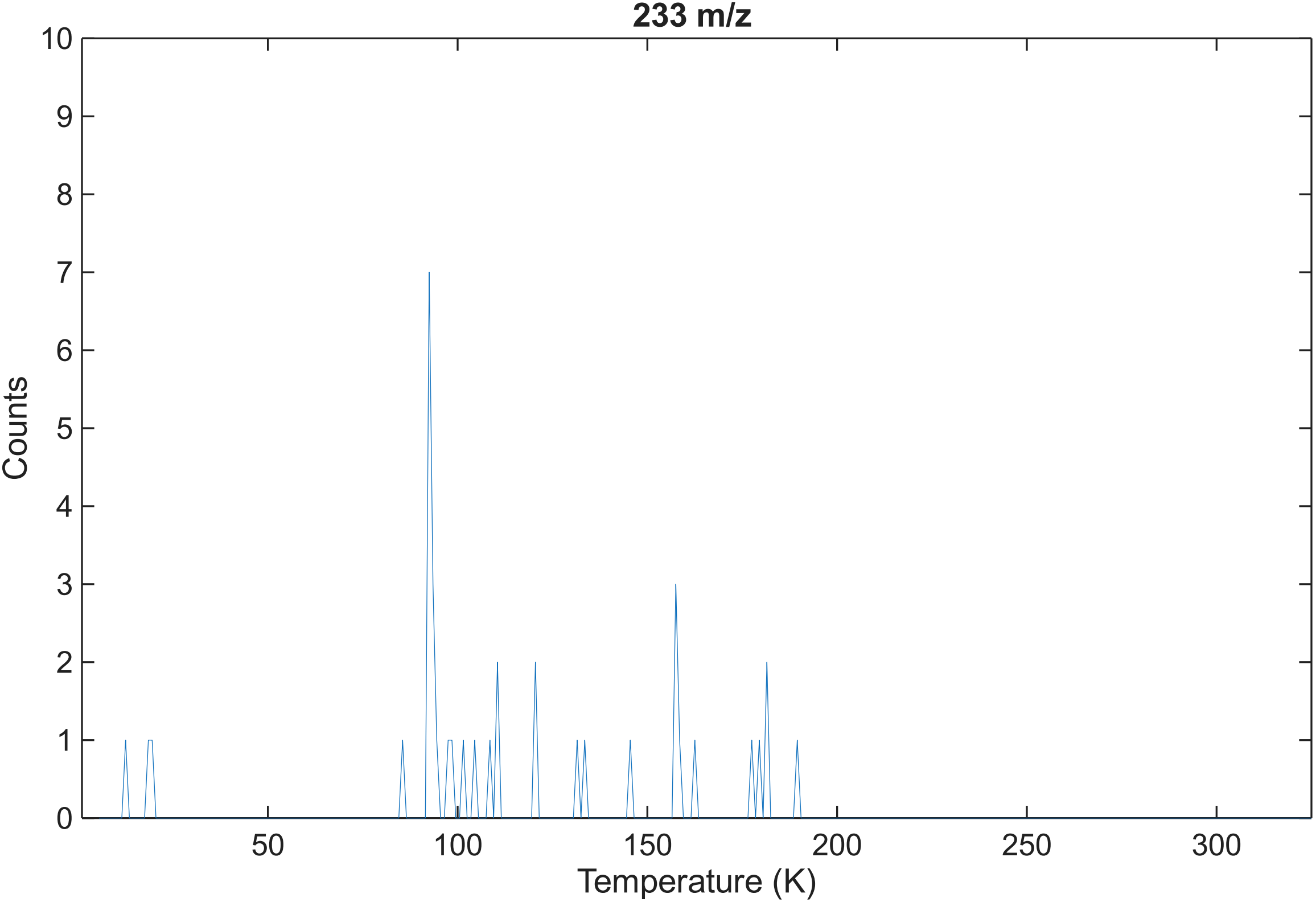

228 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

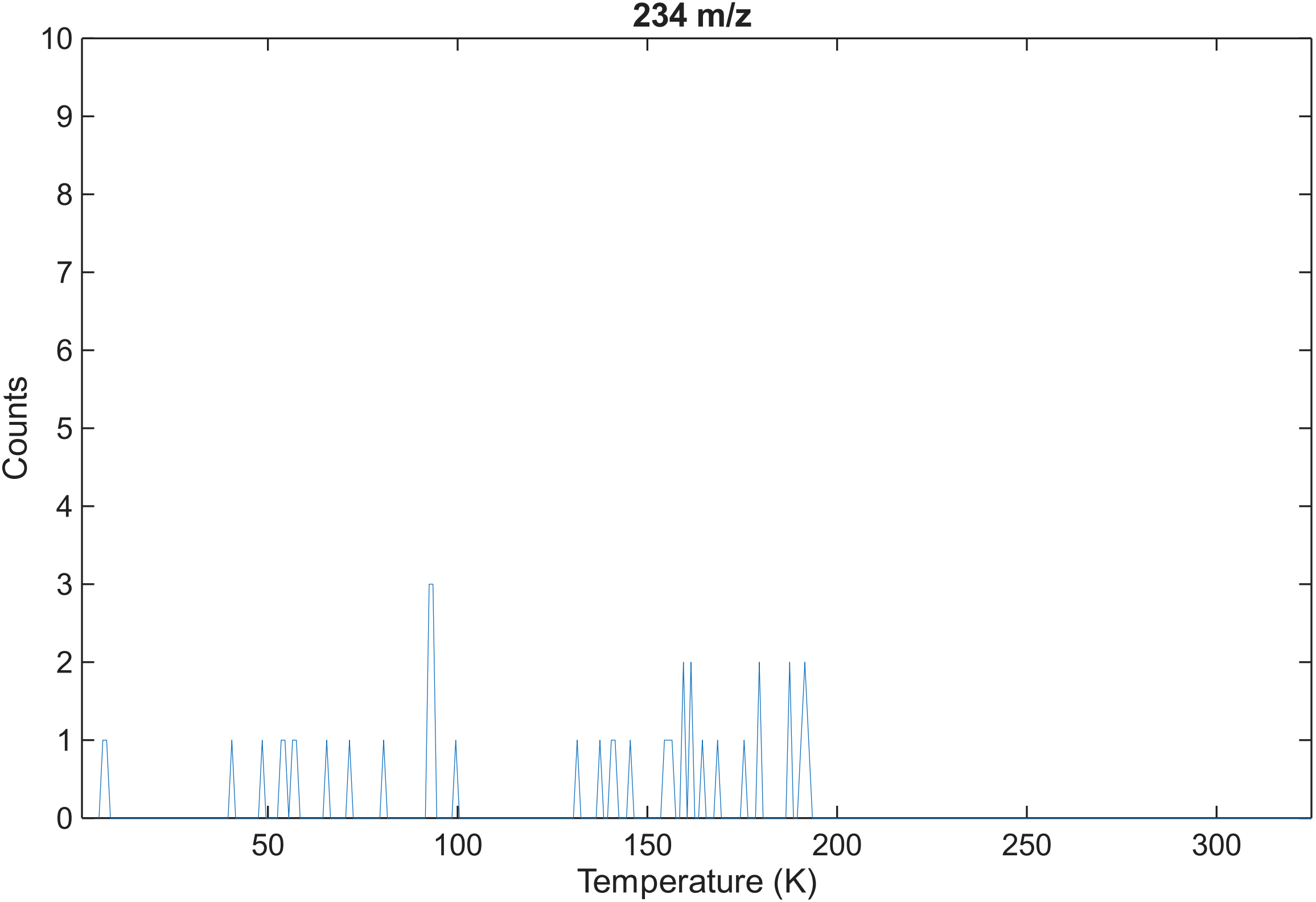

229 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

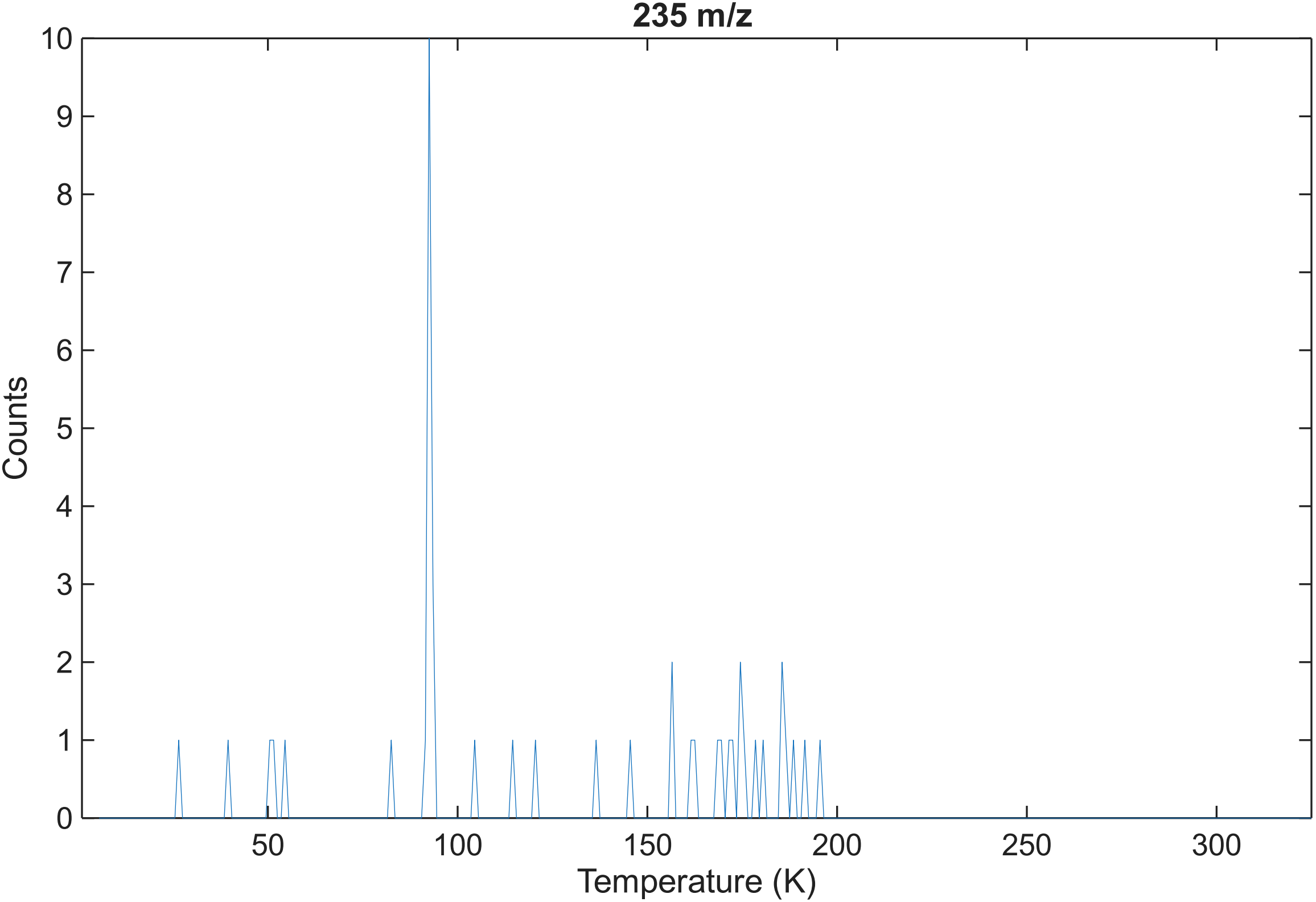

230 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

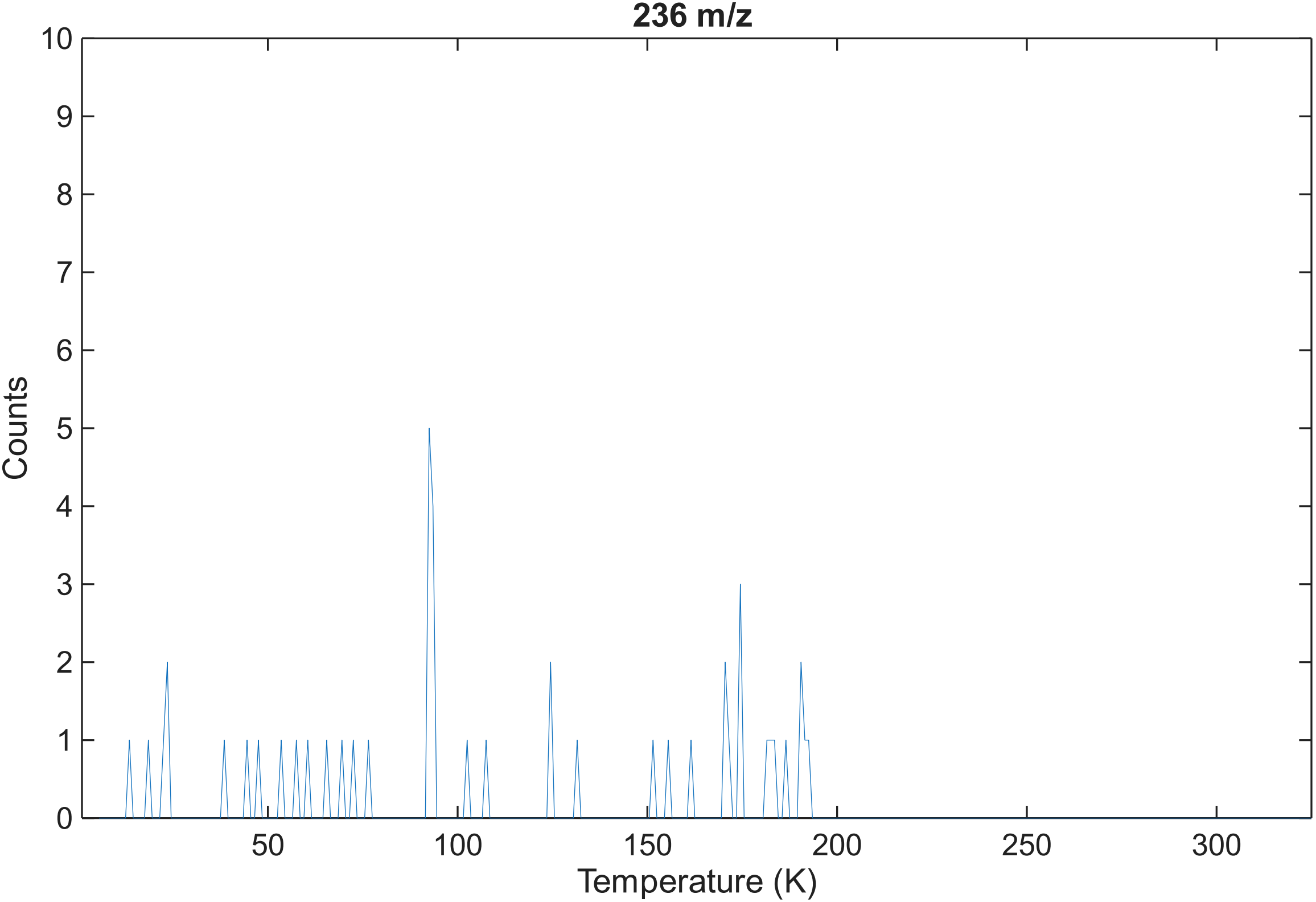

231 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

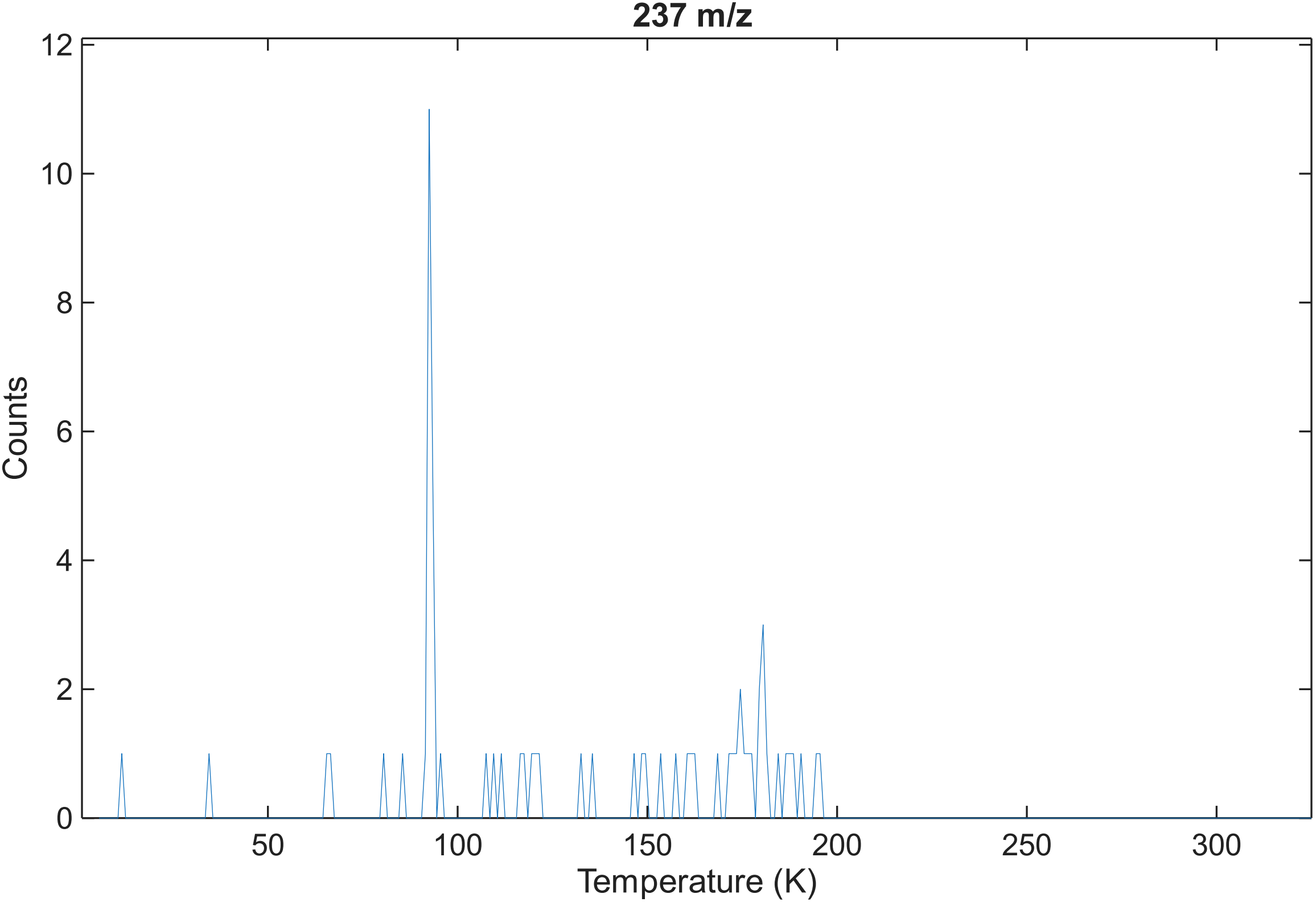

232 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

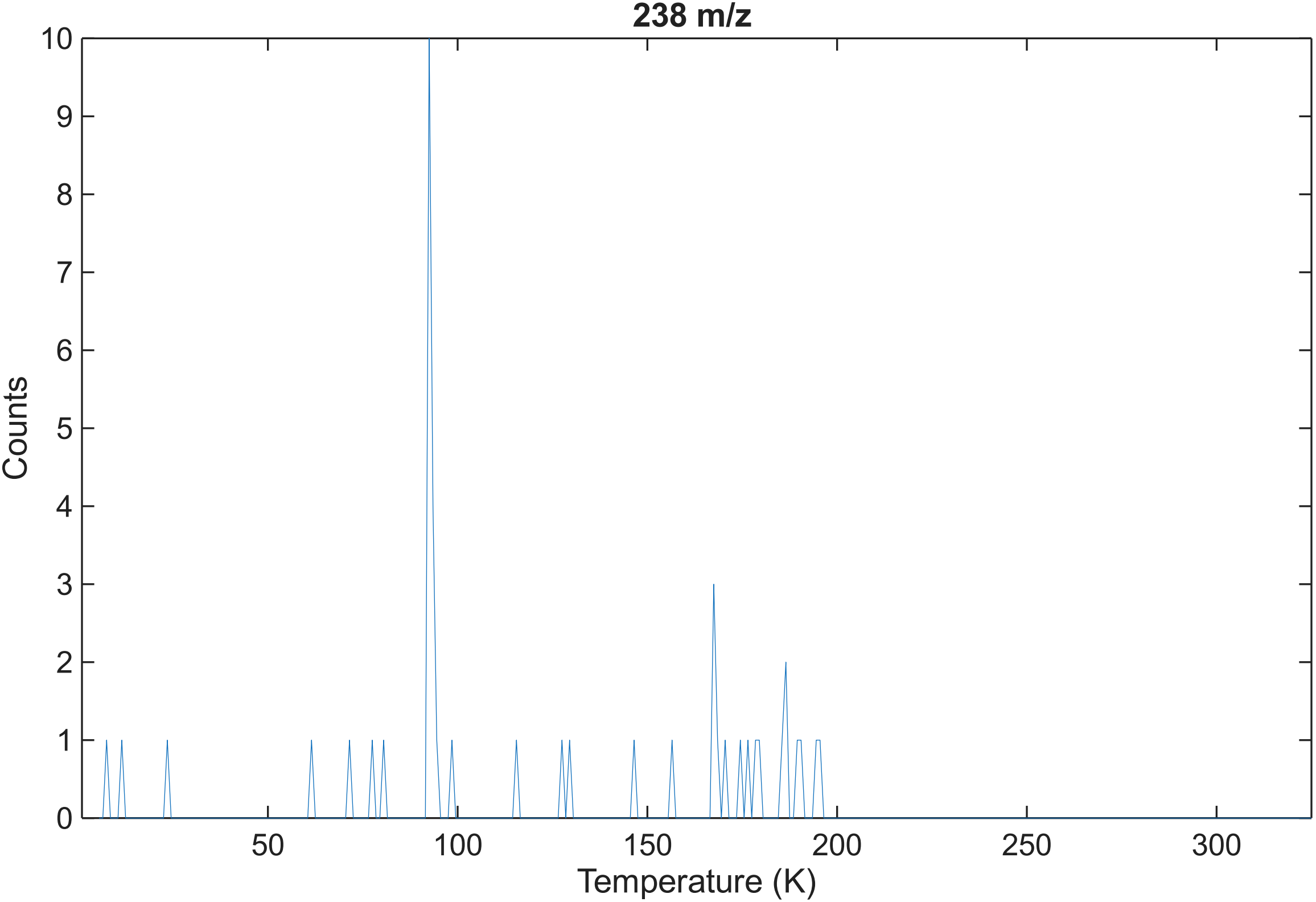

233 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

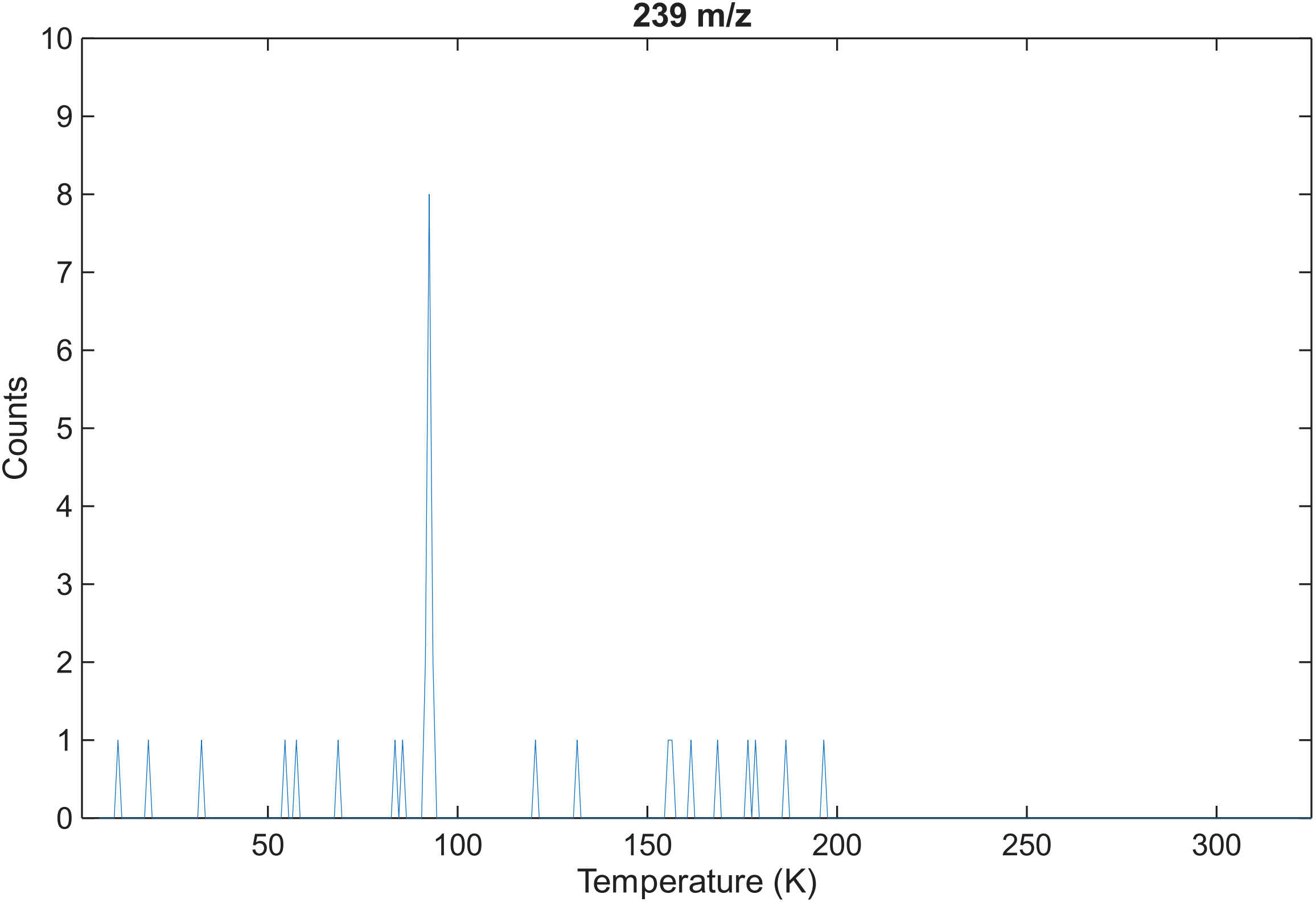

234 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

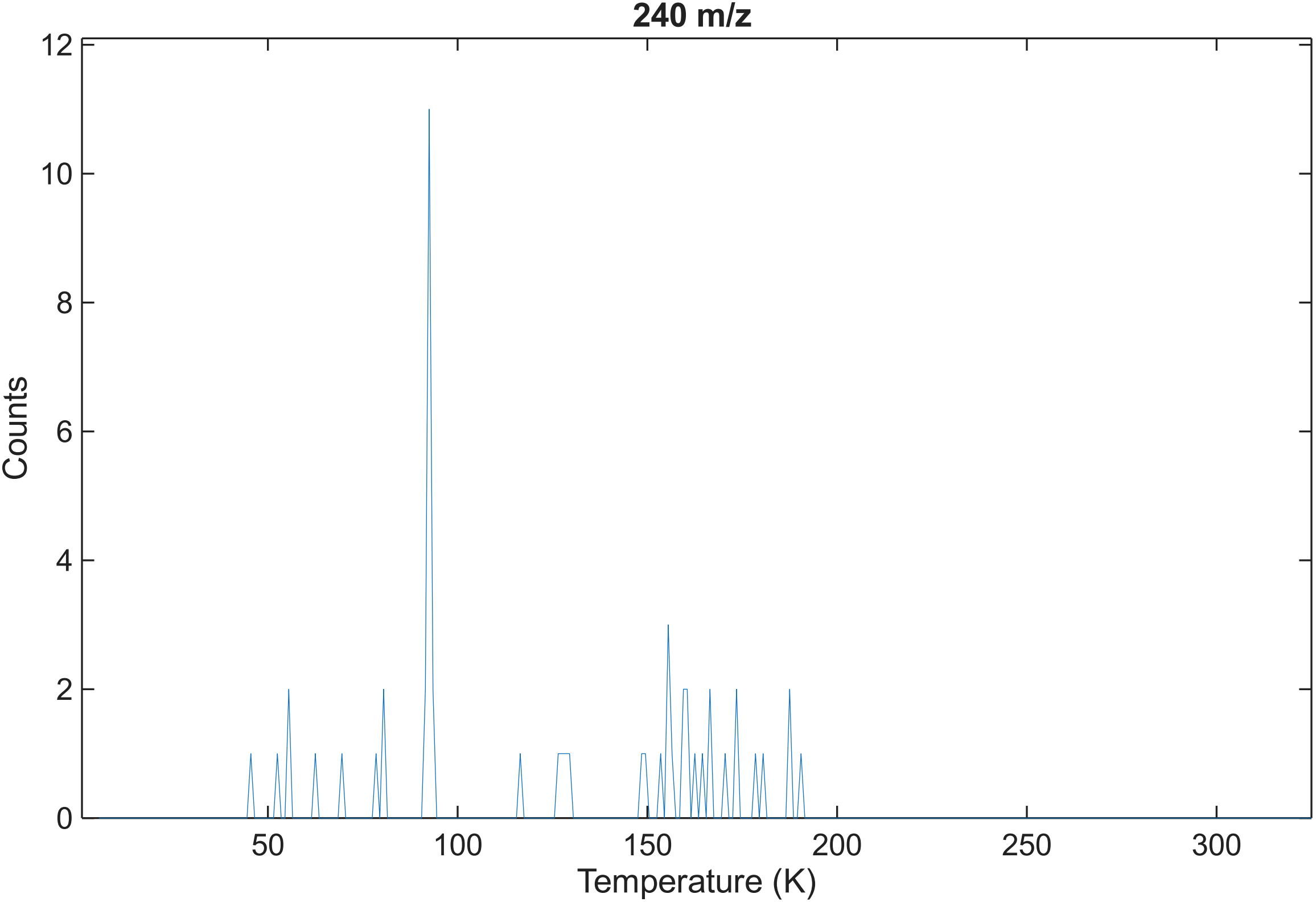

235 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

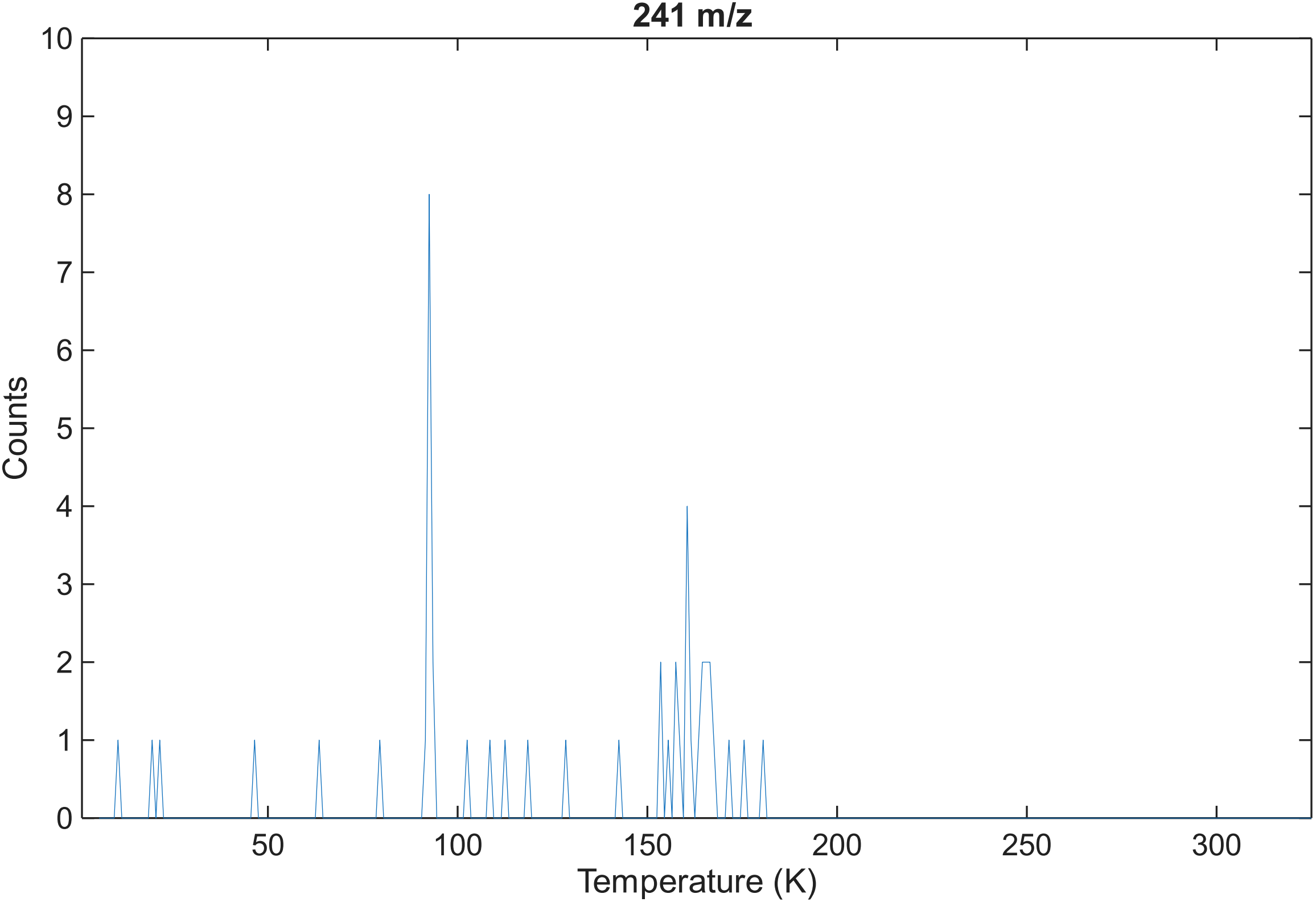

236 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

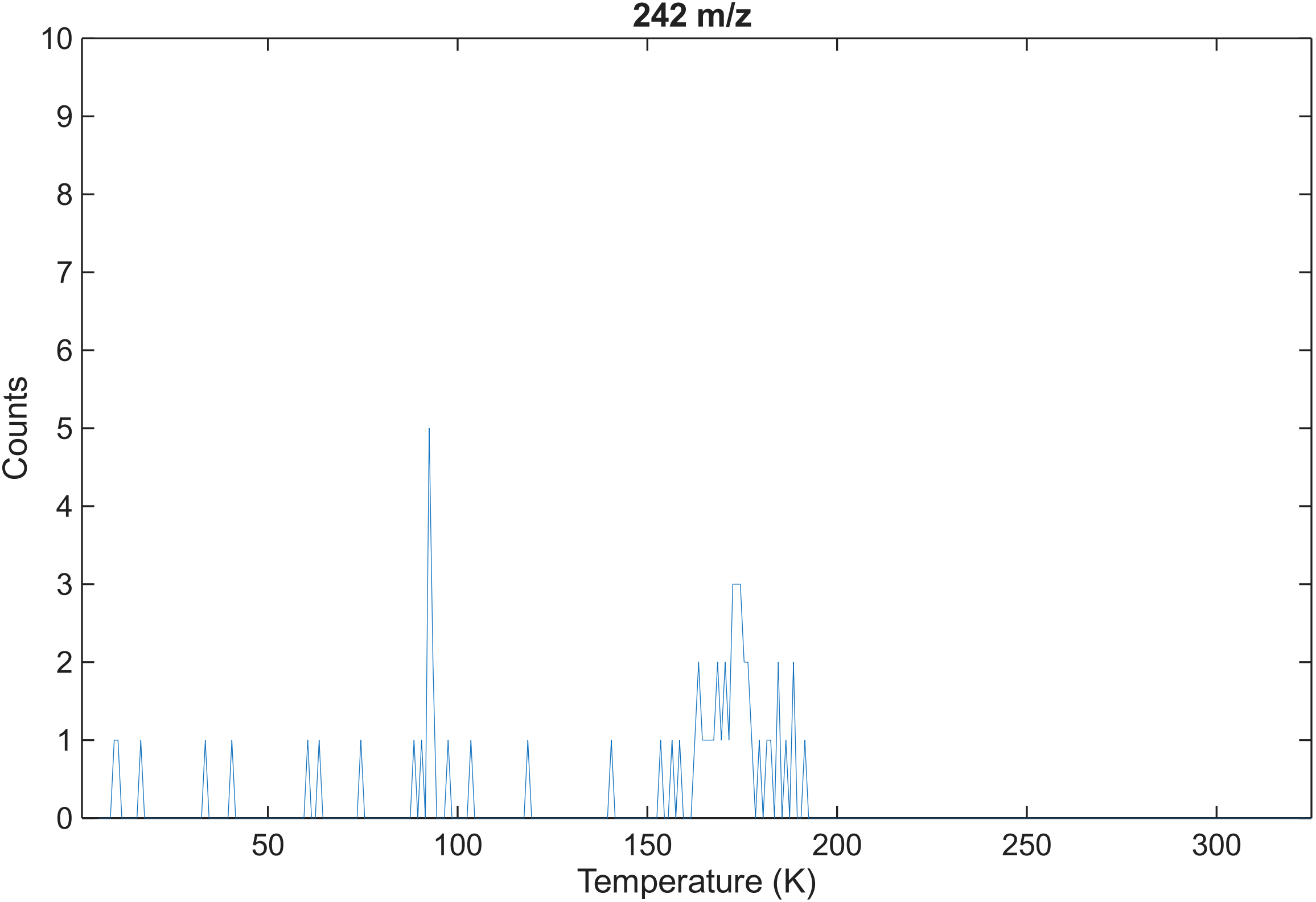

237 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

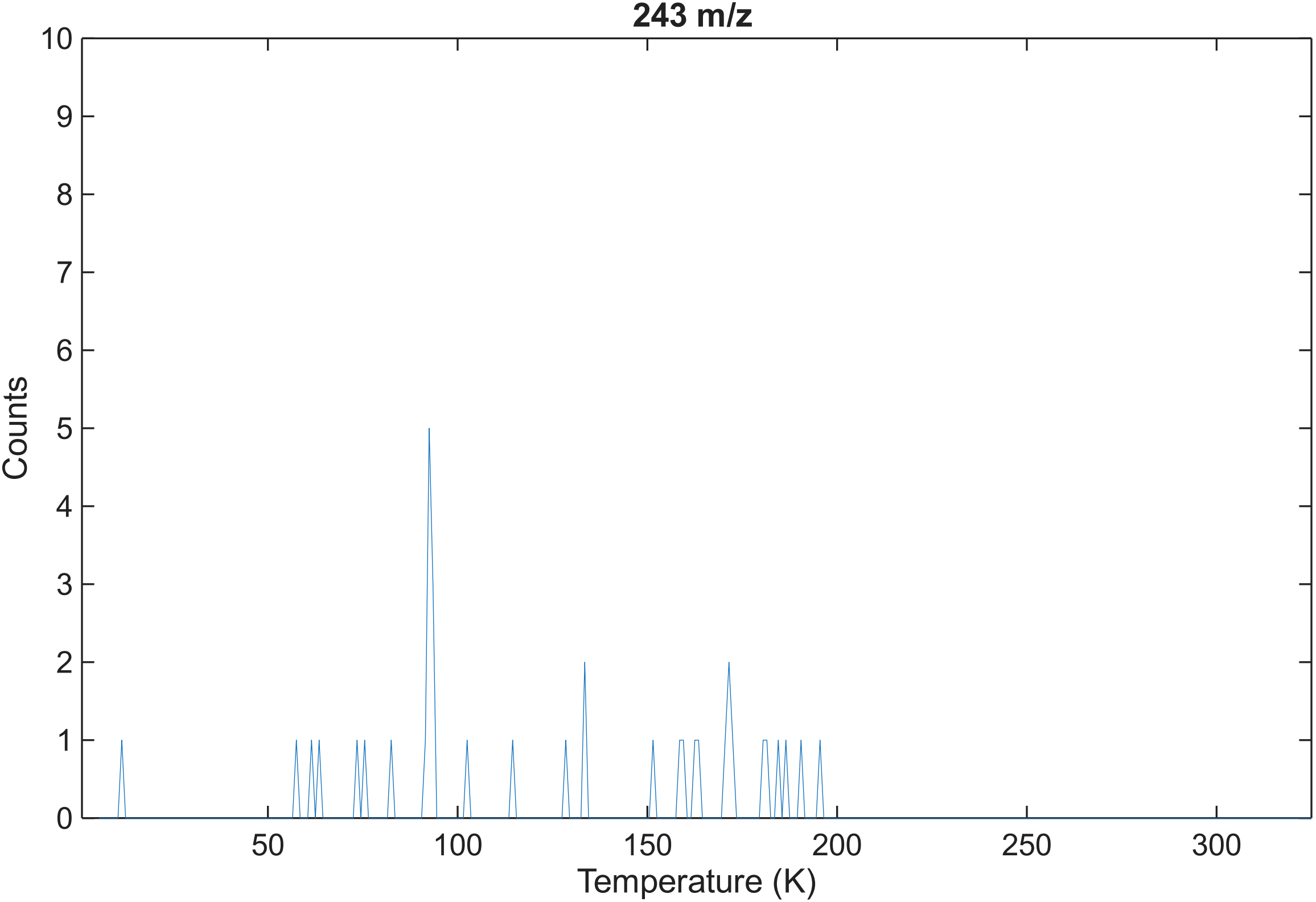

238 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

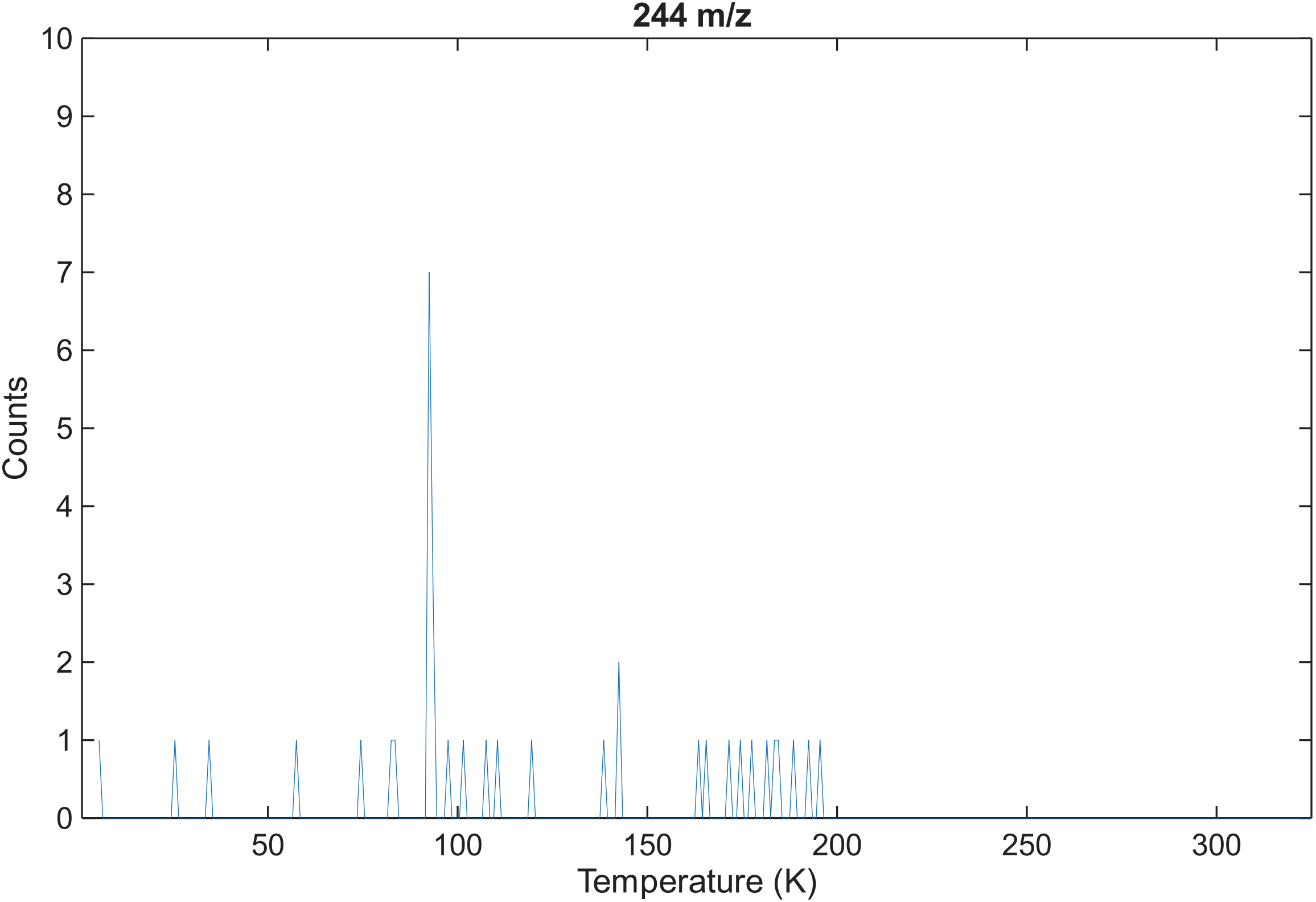

239 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

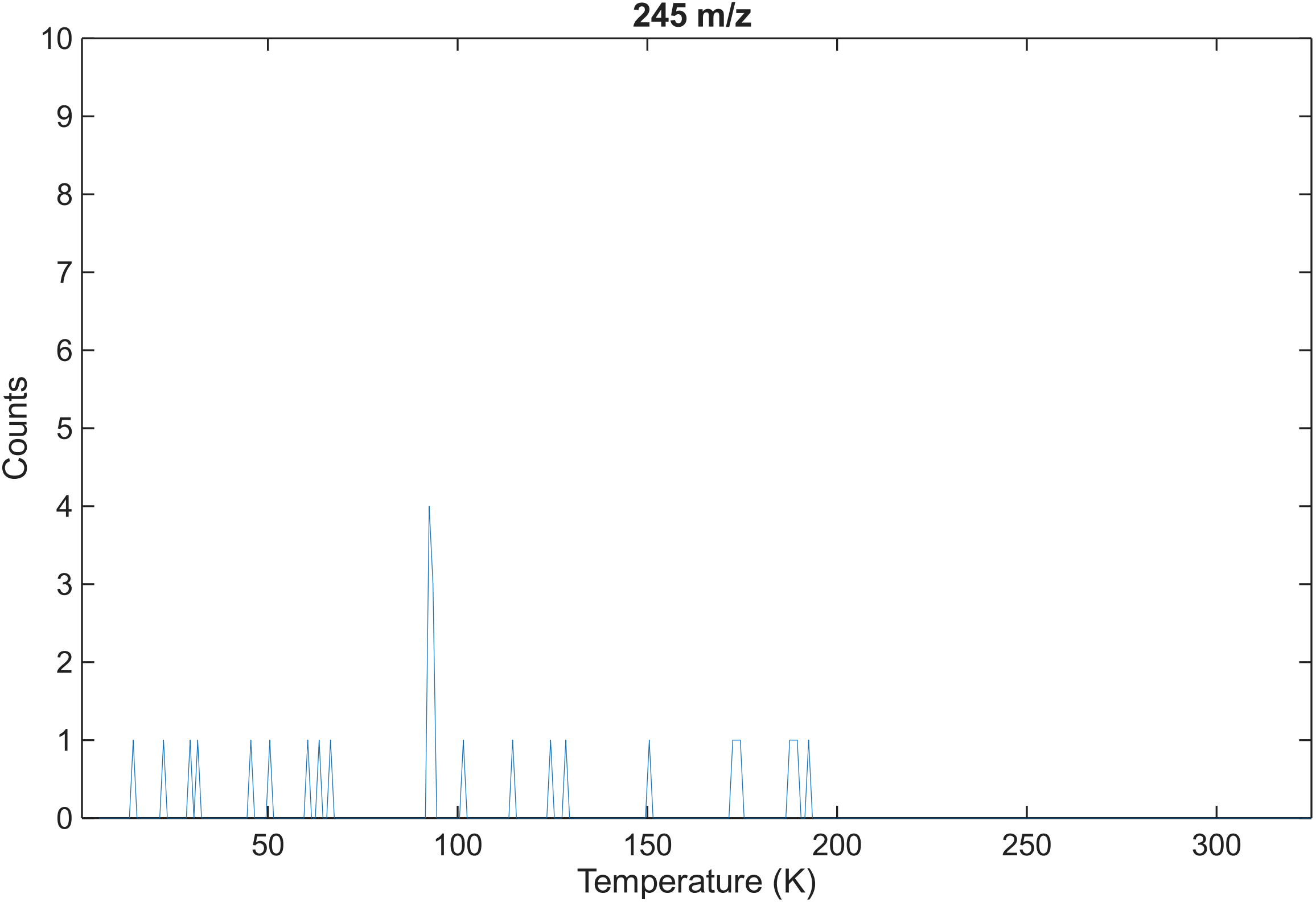

240 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

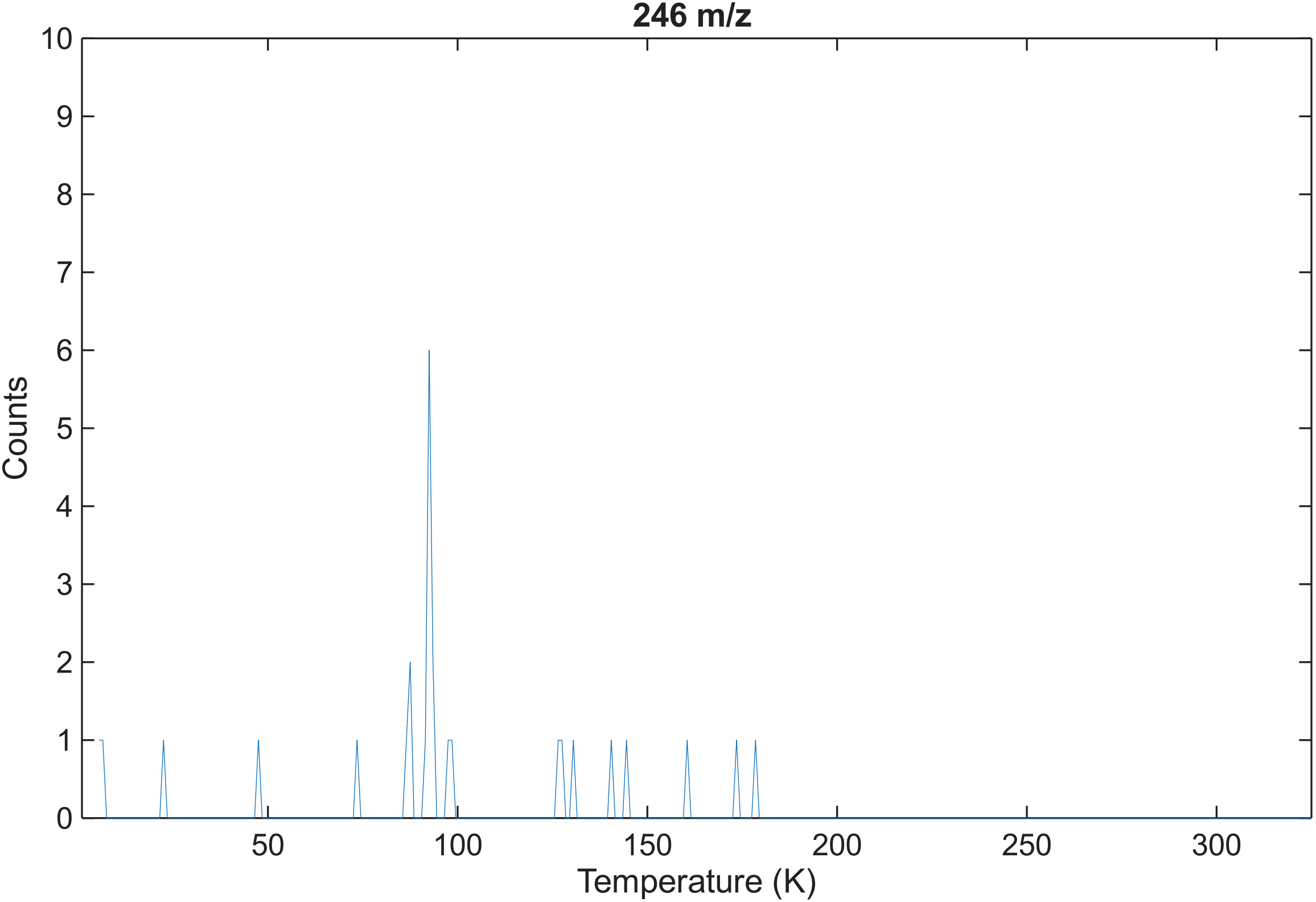

241 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

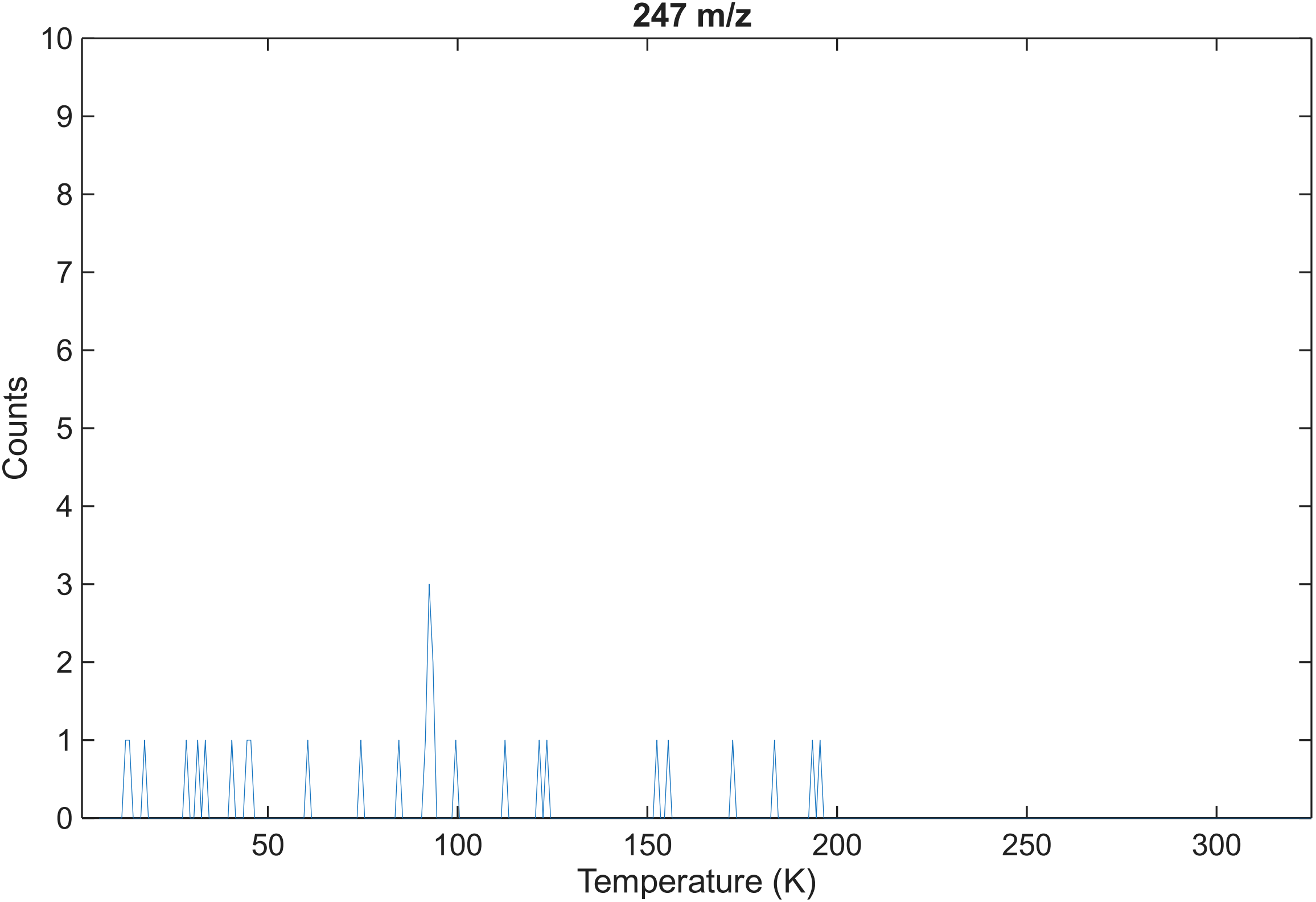

242 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

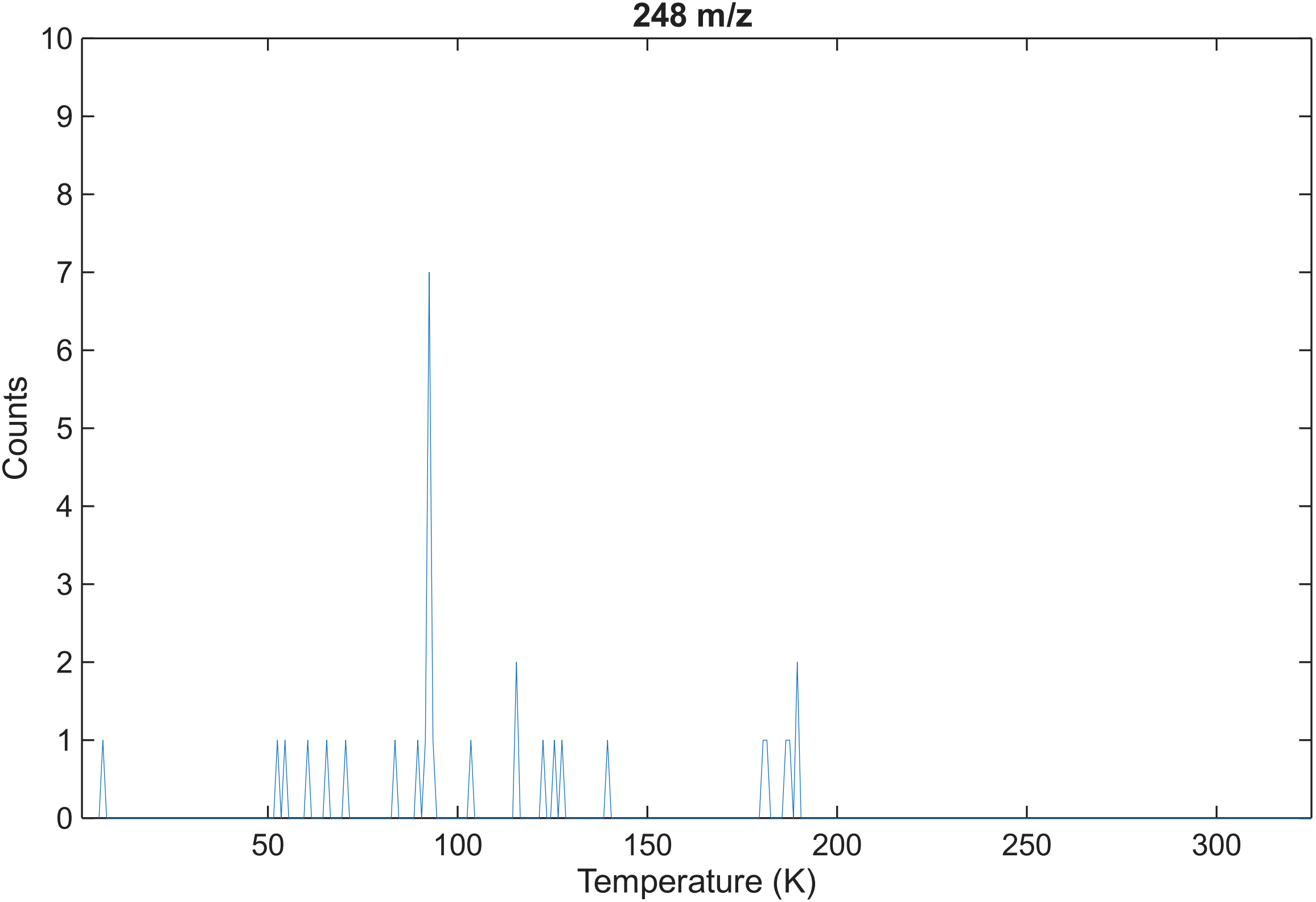

243 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

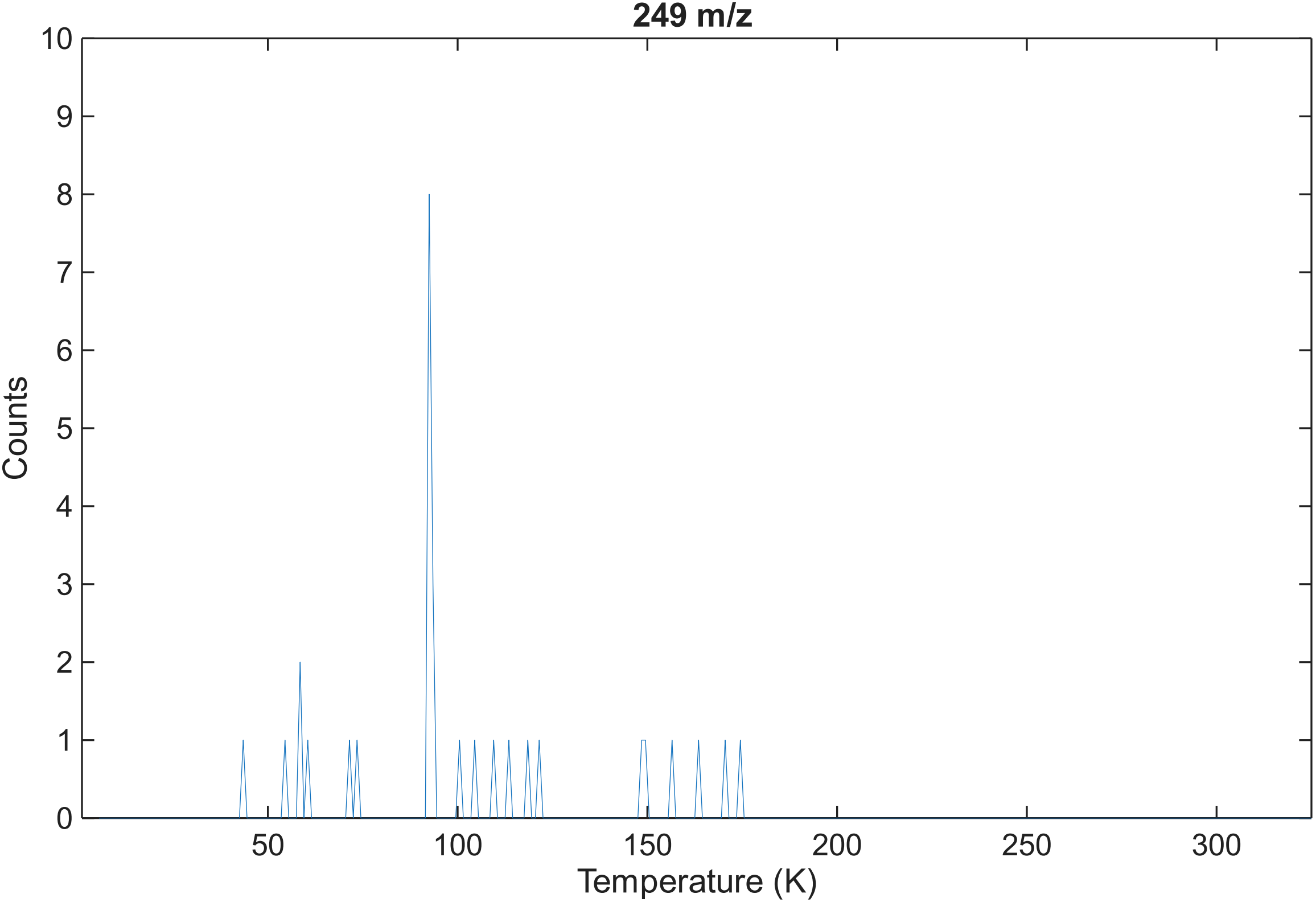

244 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

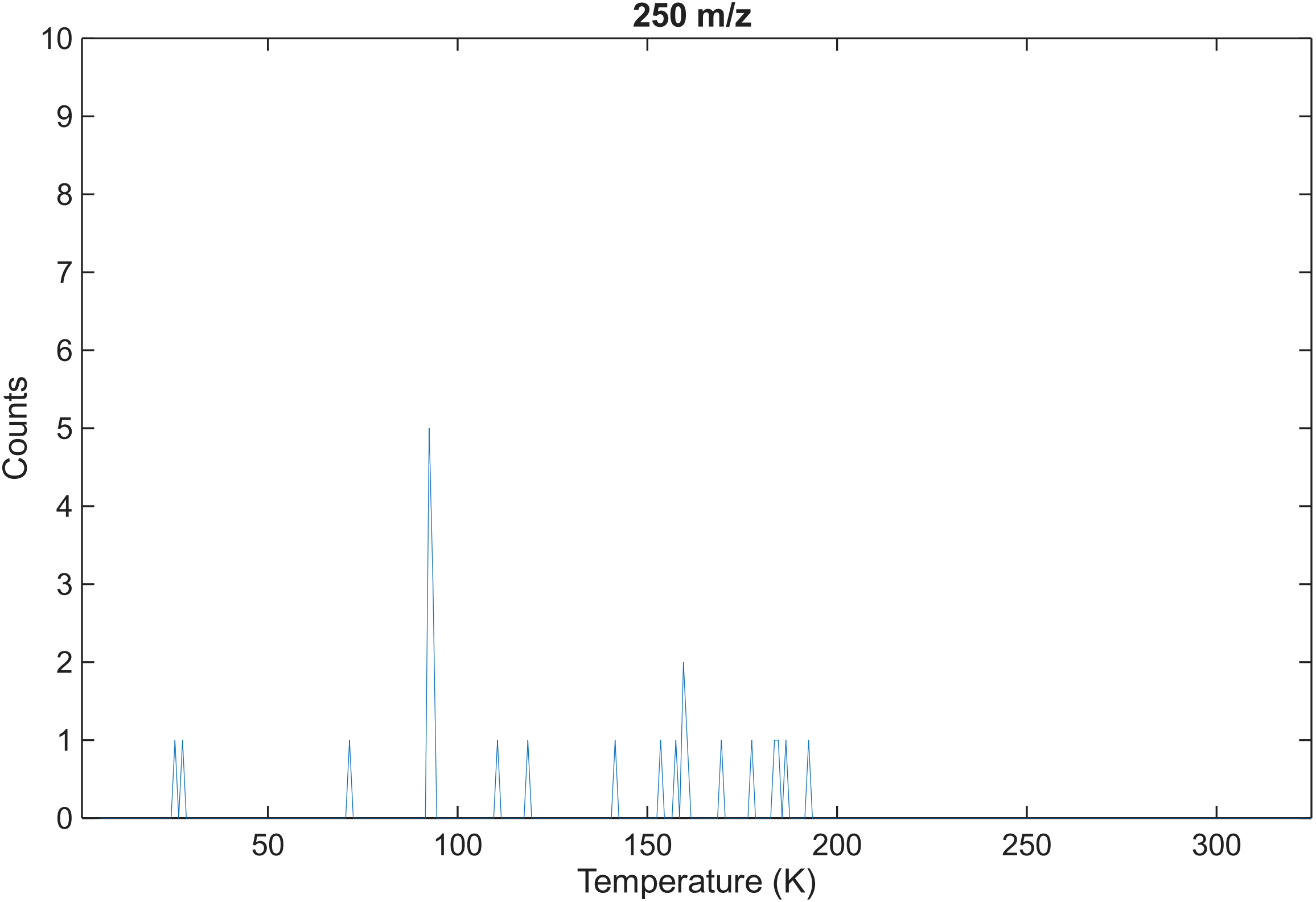

245 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

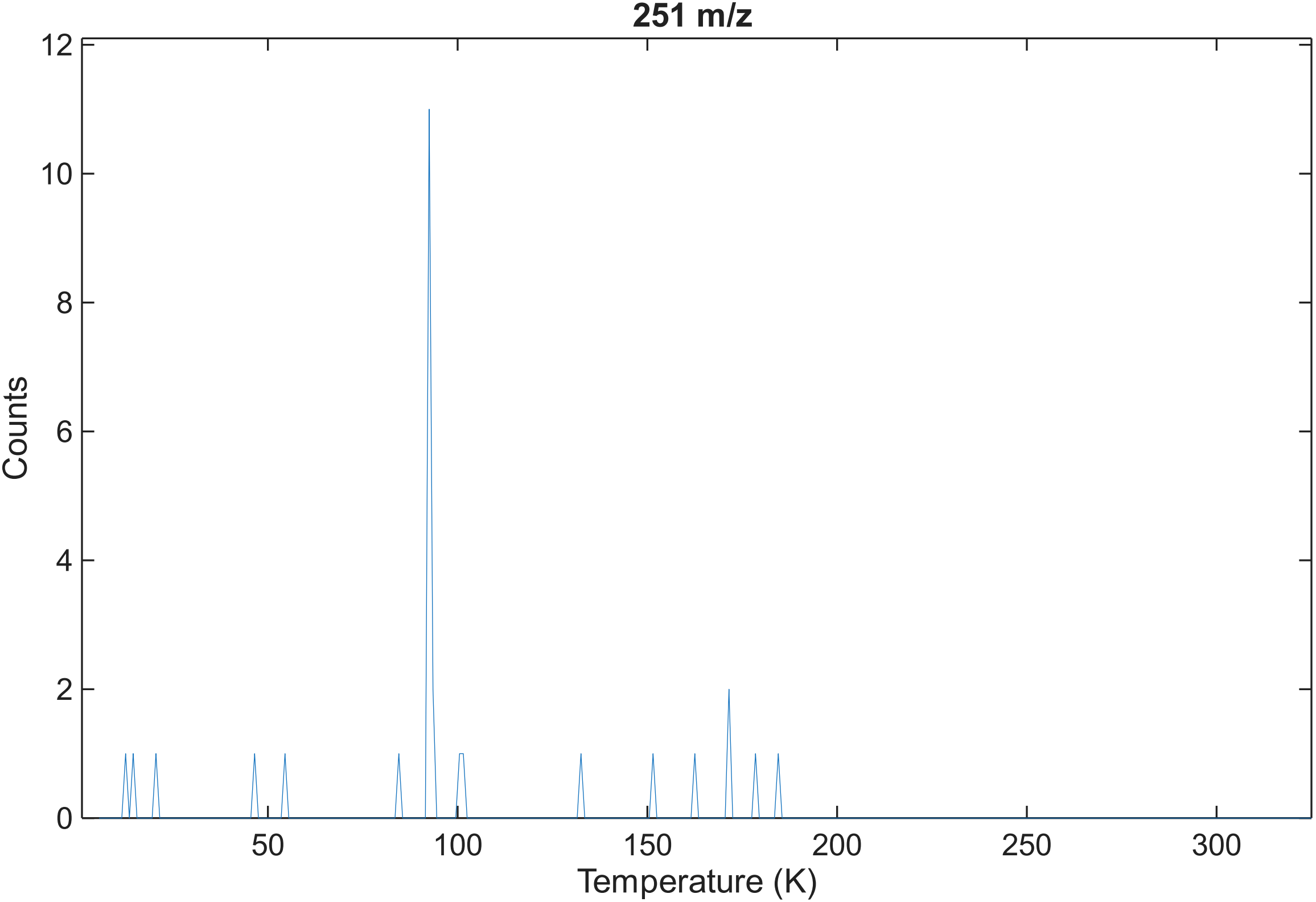

246 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

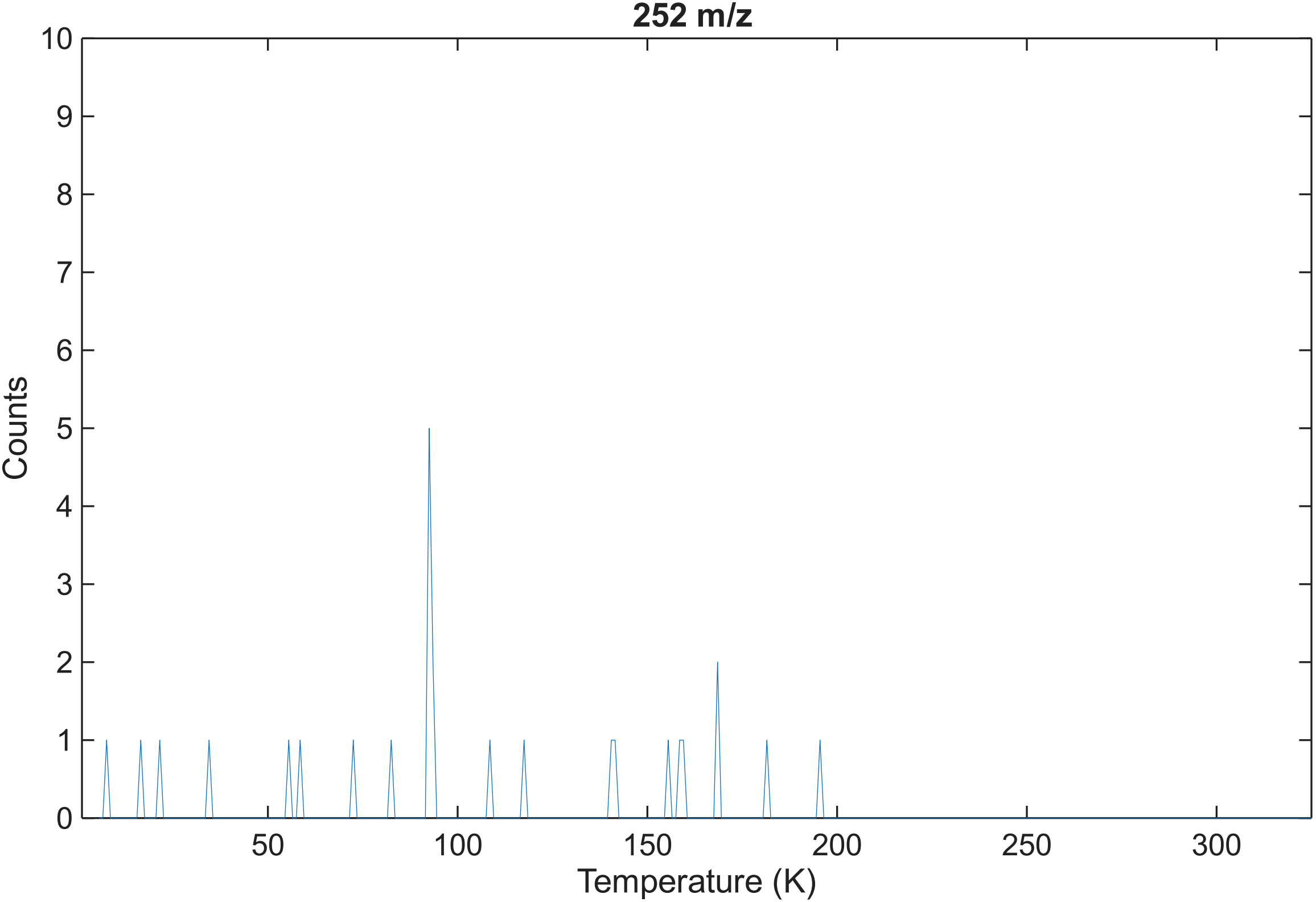

247 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

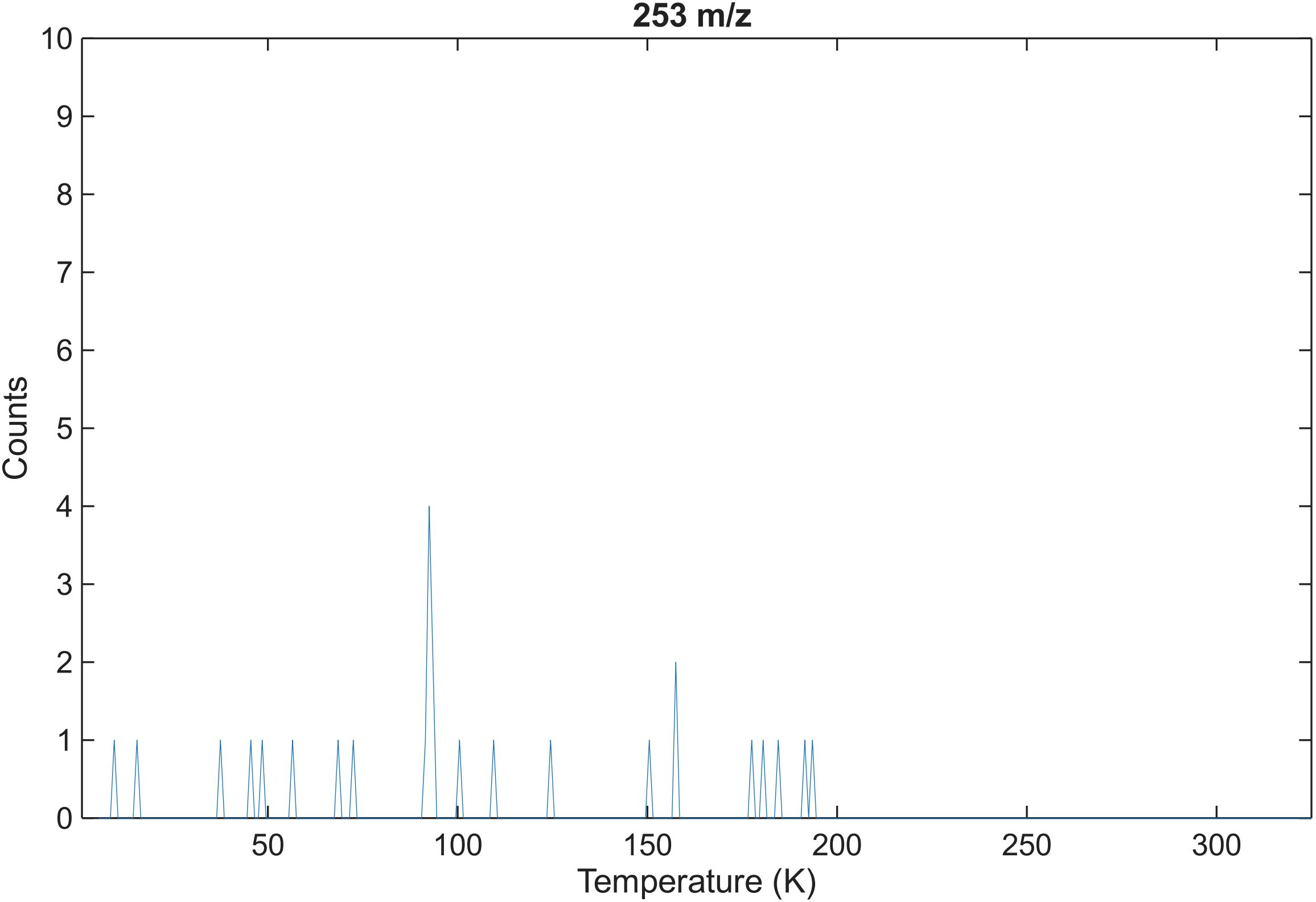

248 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

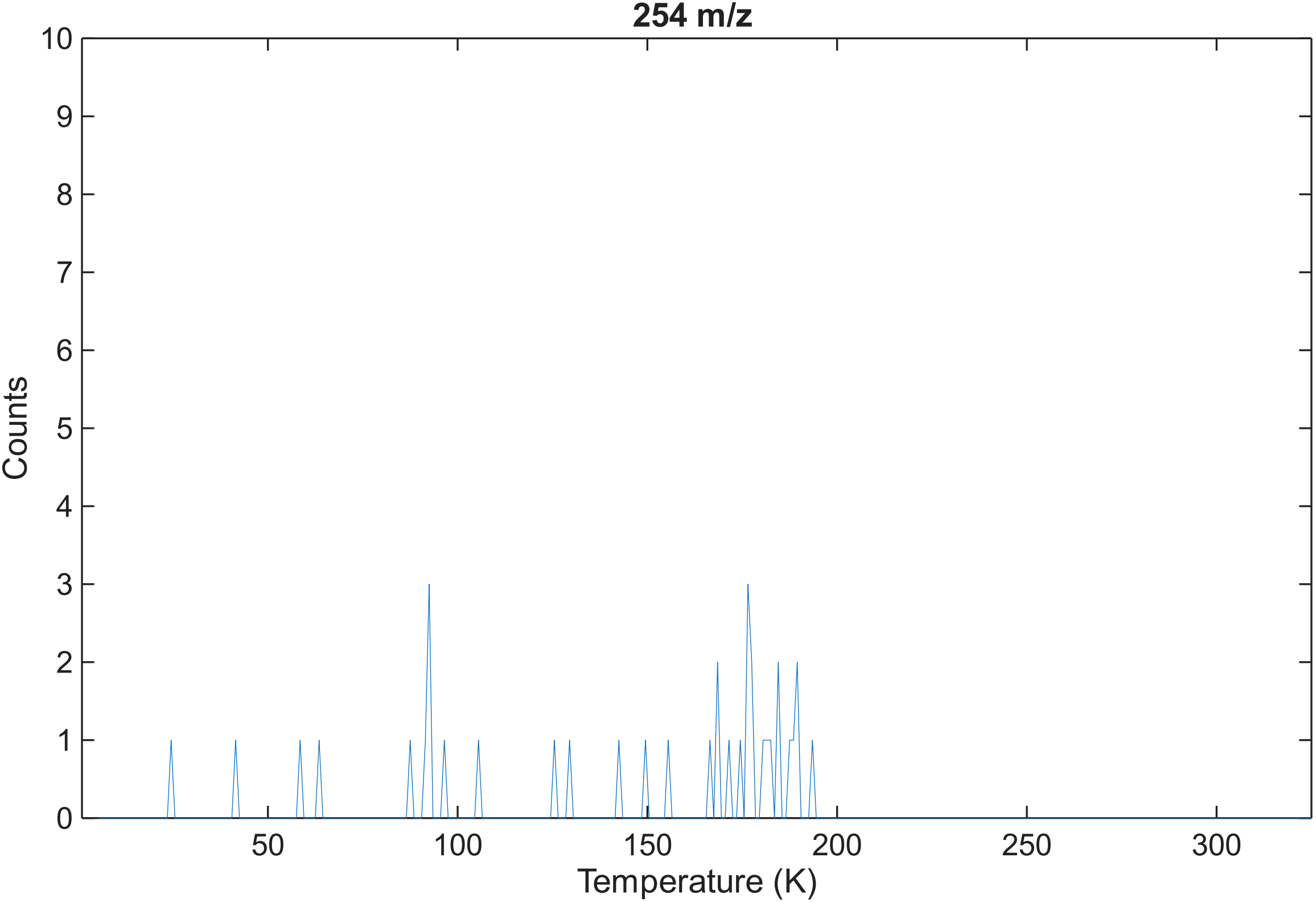

249 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

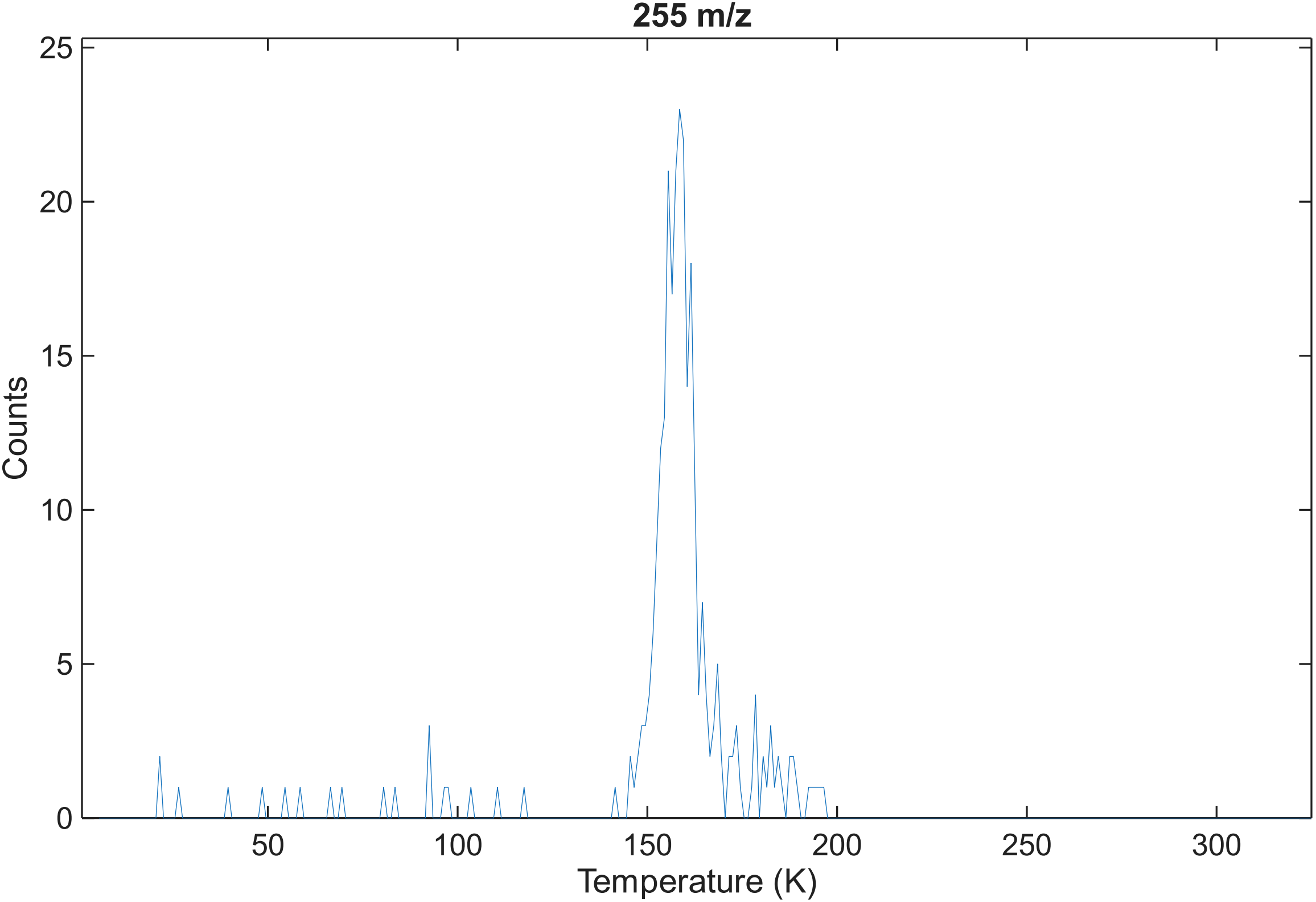

250 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

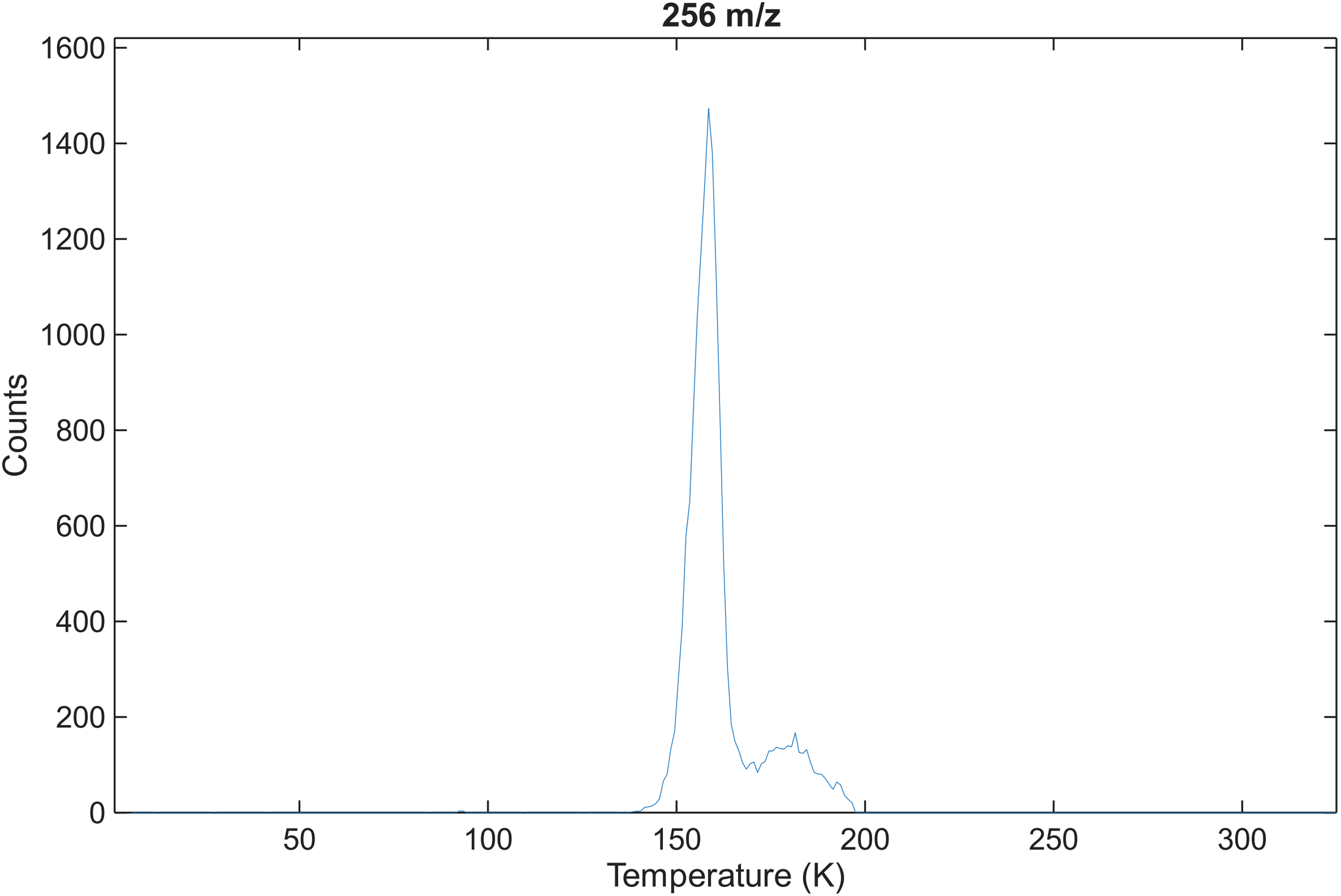

251 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

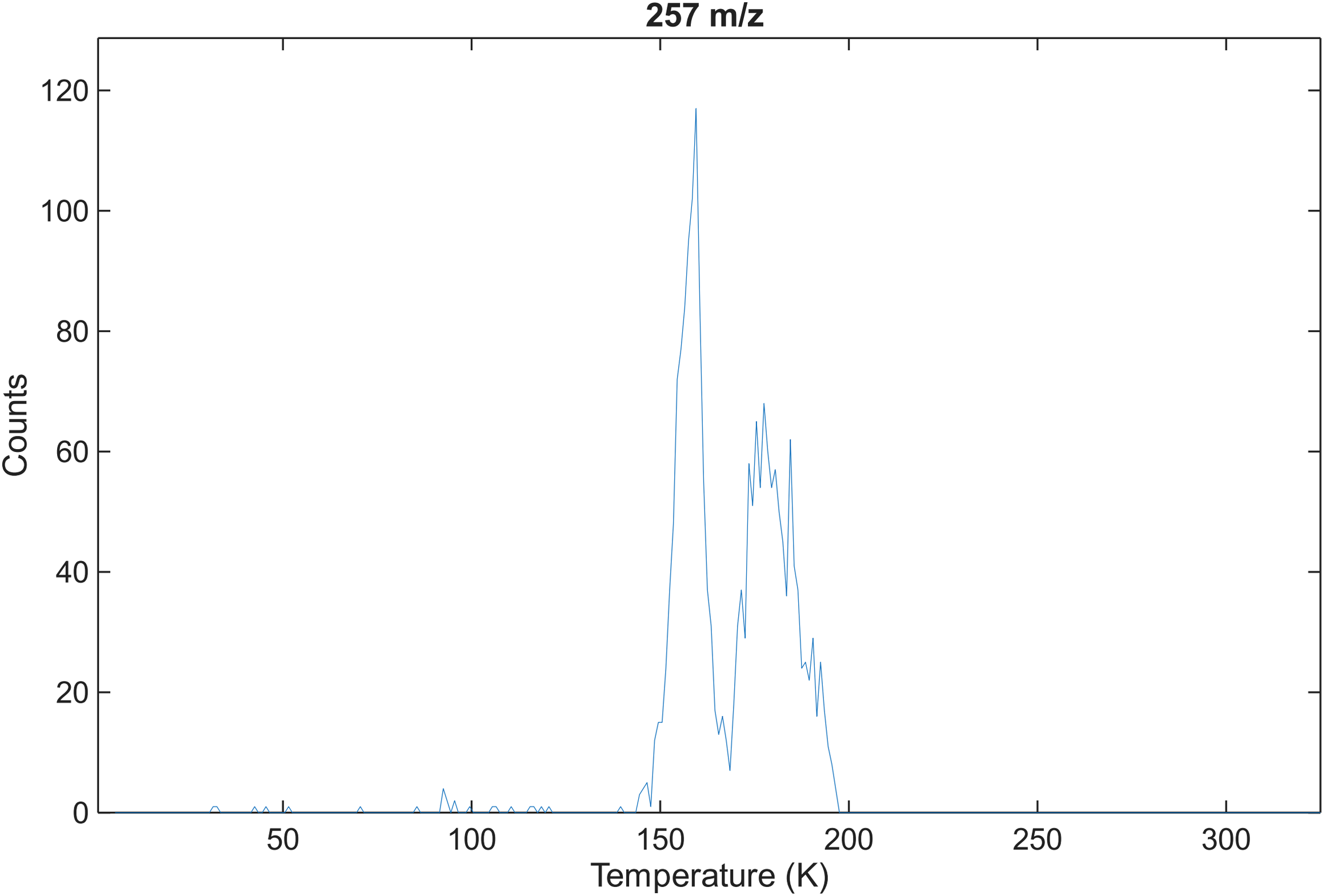

252 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

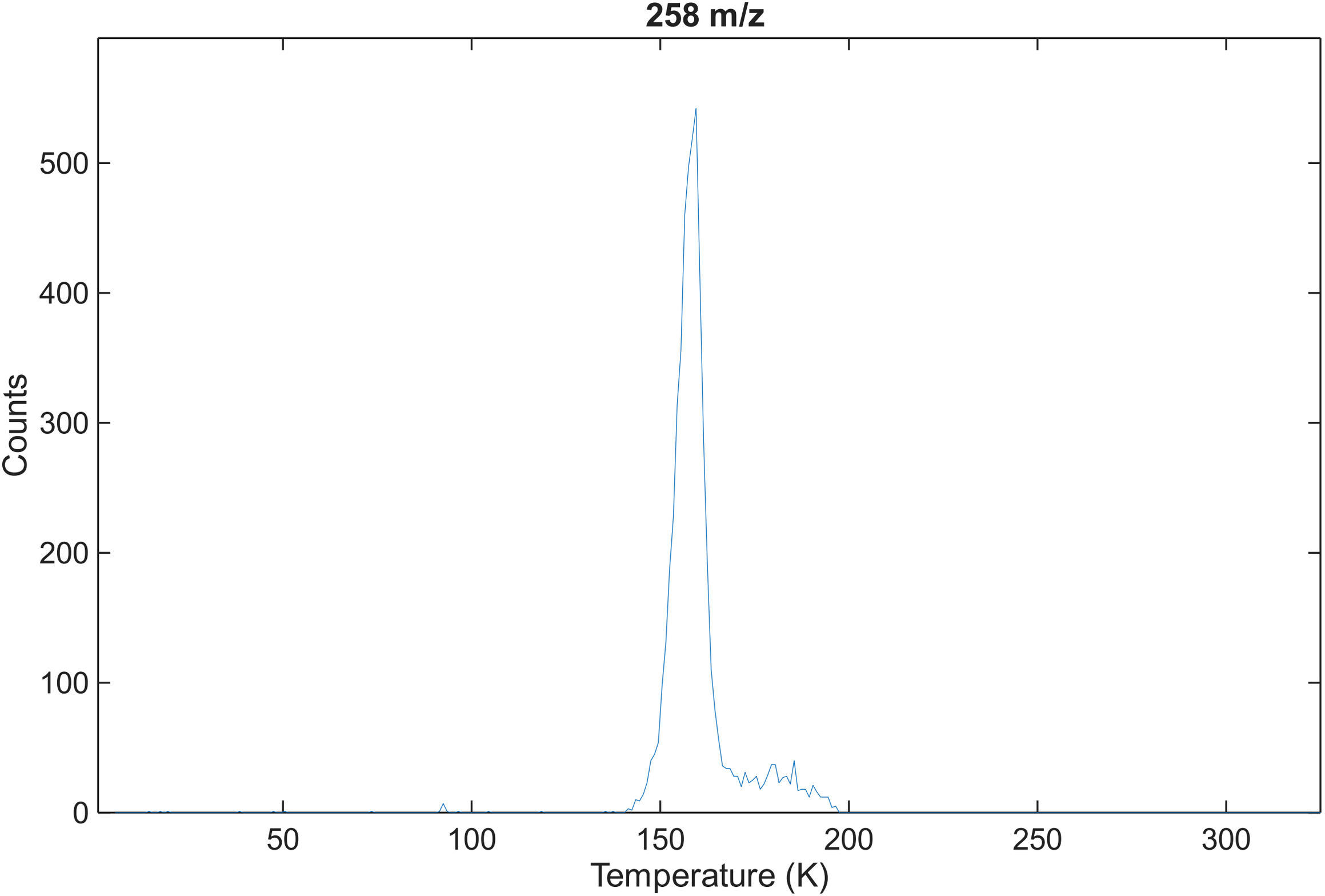

253 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

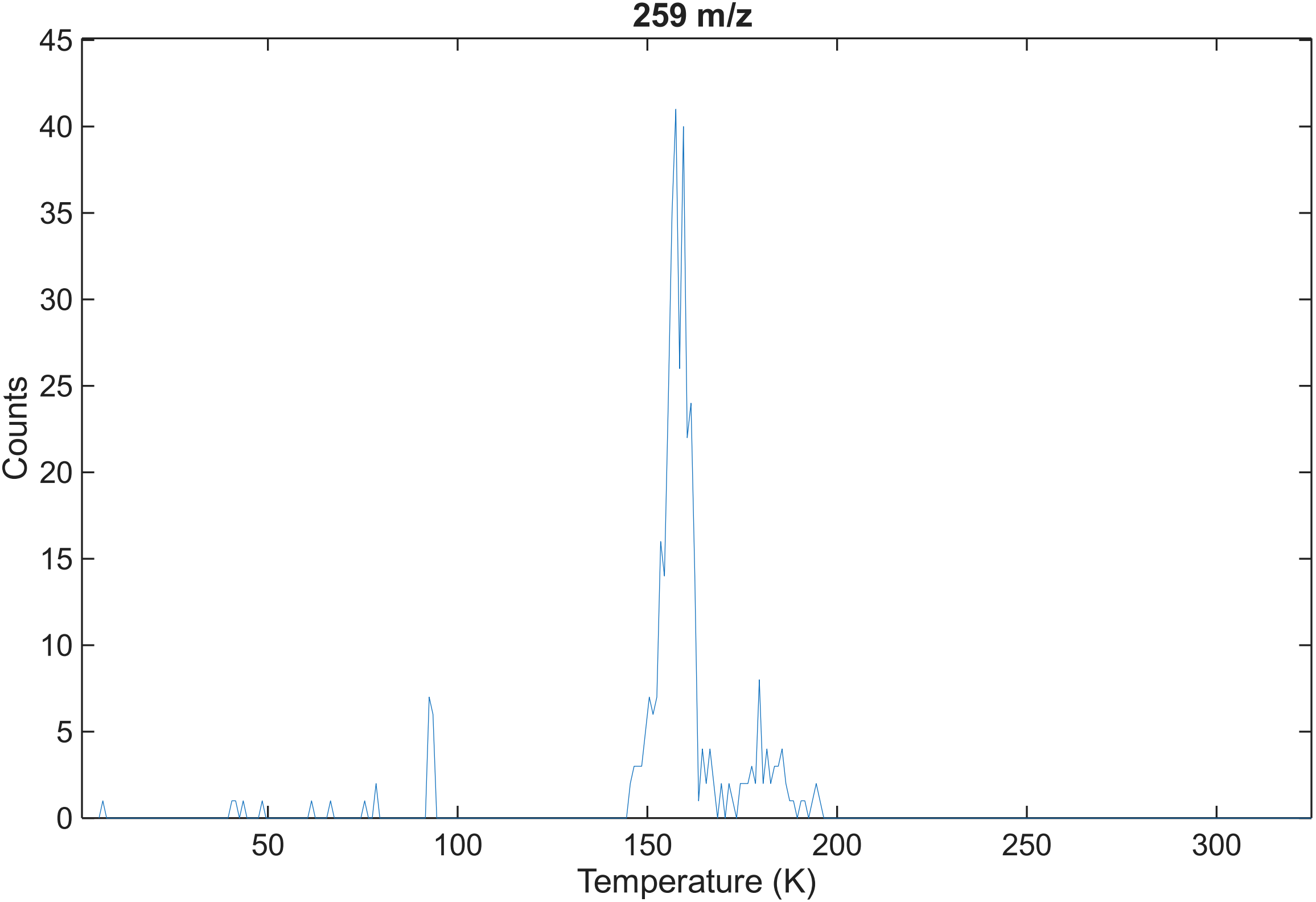

254 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

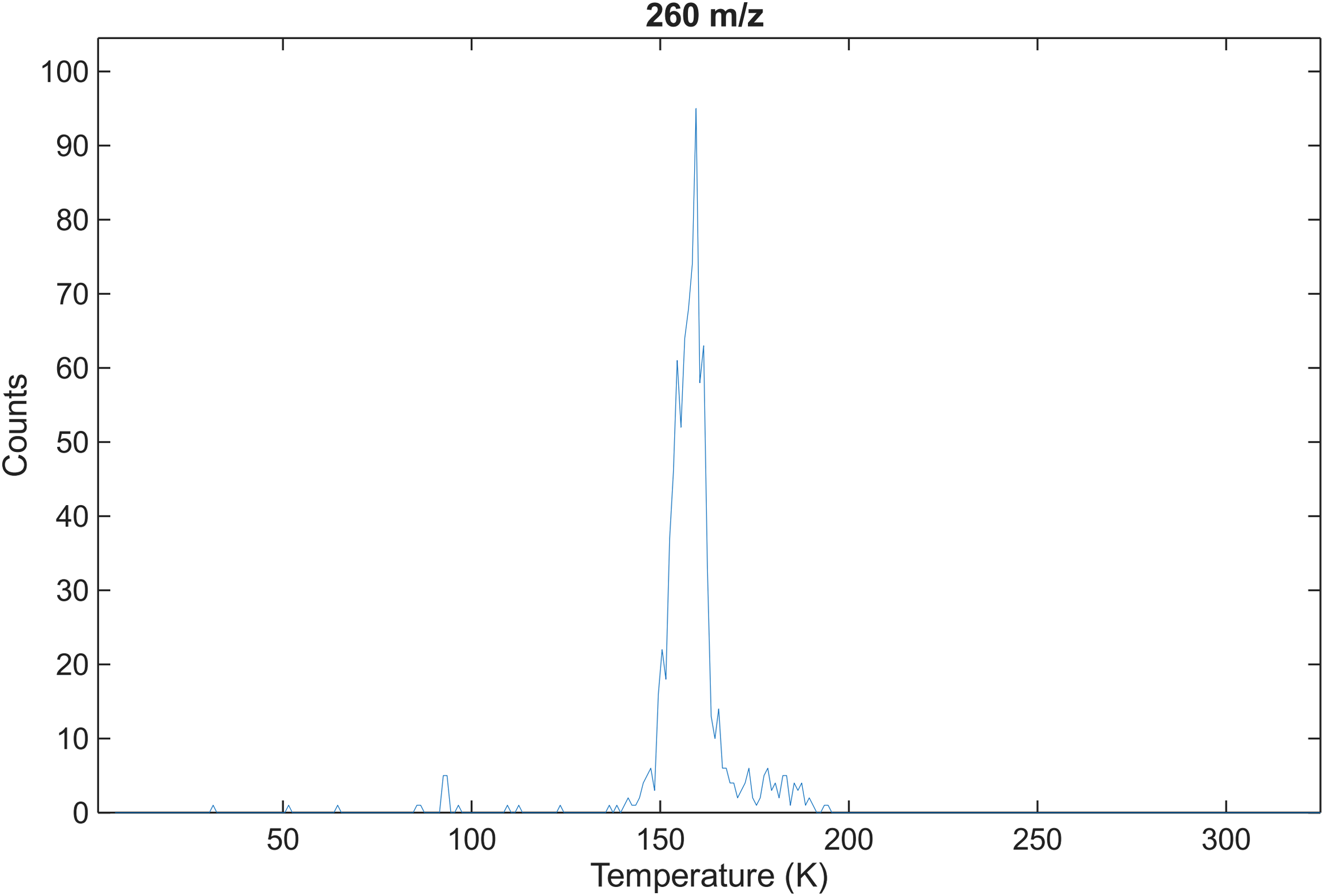

255 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

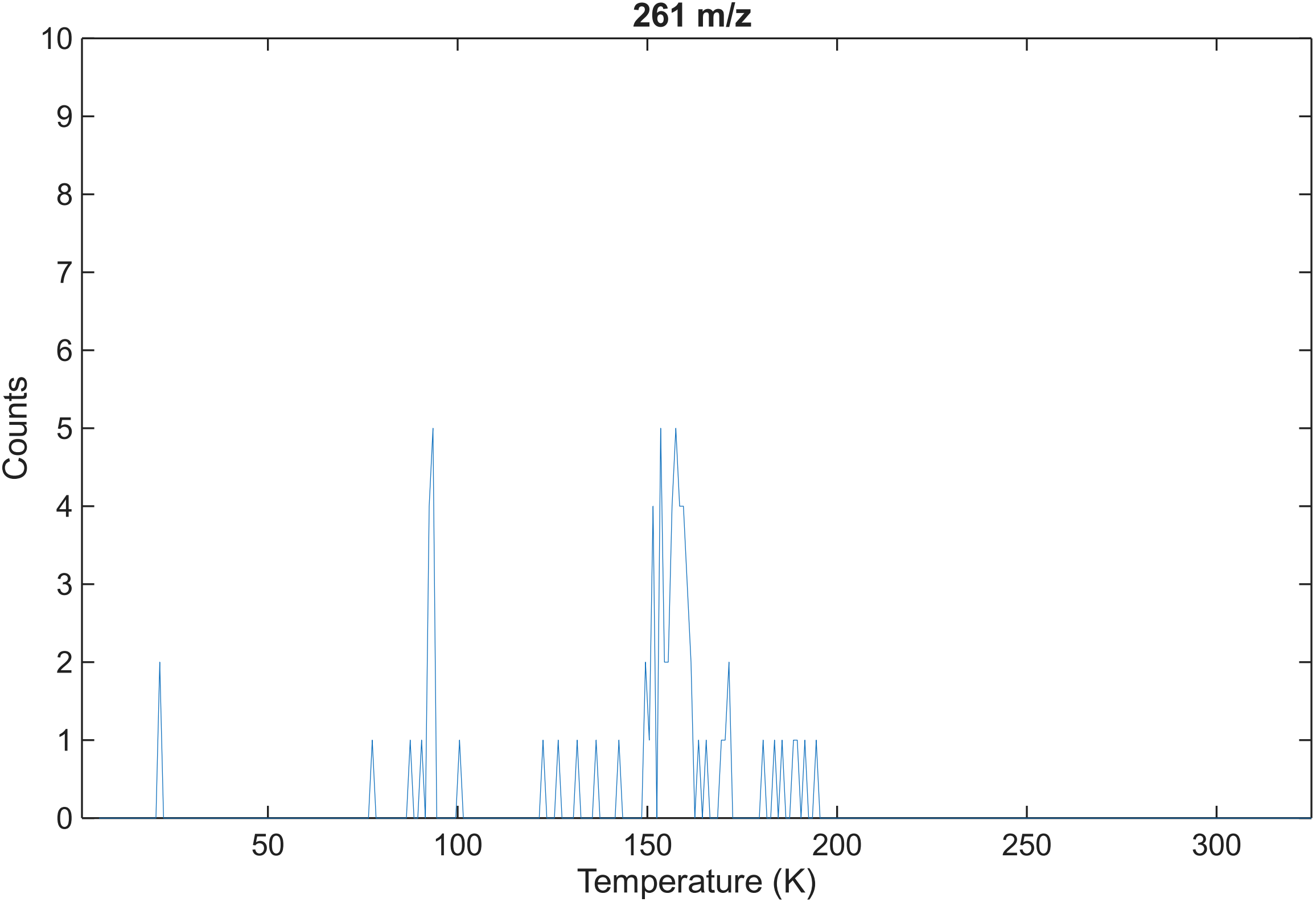

256 m/z
1600
1400
1200
1000
800
600
400
200
0
Counts
50
100
150
200
250
300
Temperature (K)

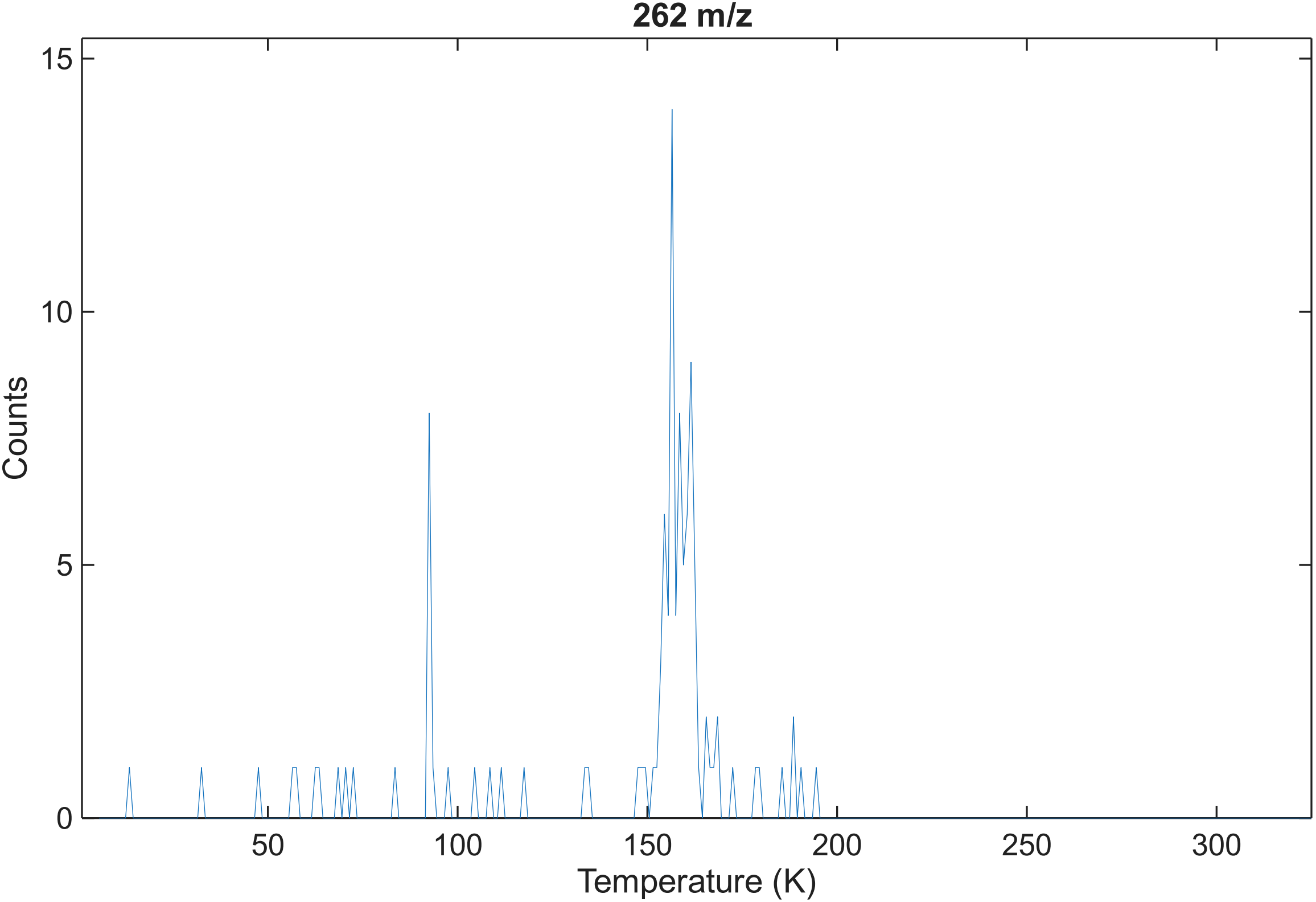

257 m/z
Counts
Temperature (K)
0
20
40
60
80
100
120
50
100
150
200
250
300

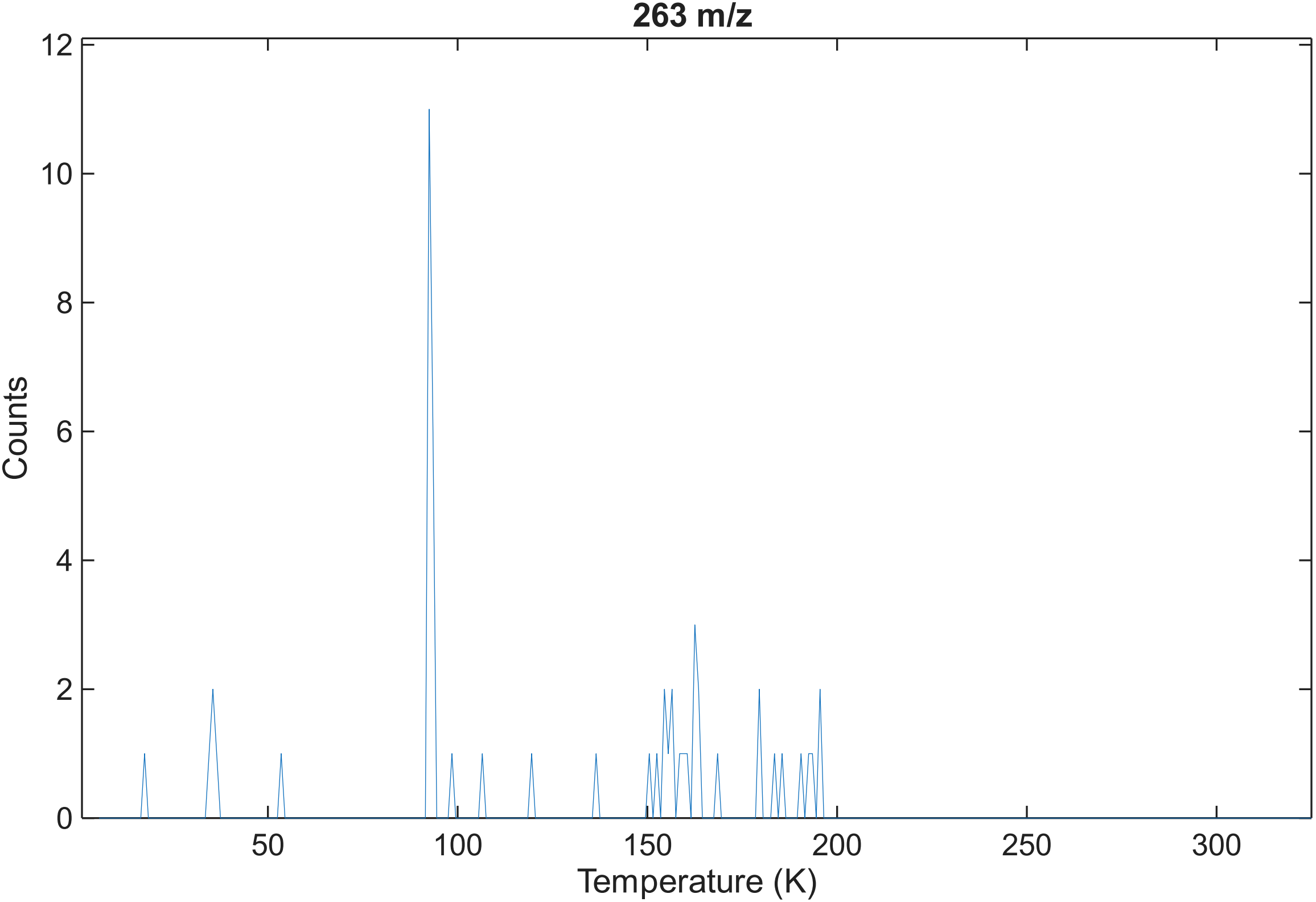

258 m/z
Counts
0
100
200
300
400
500
50
100
150
200
250
300
Temperature (K)

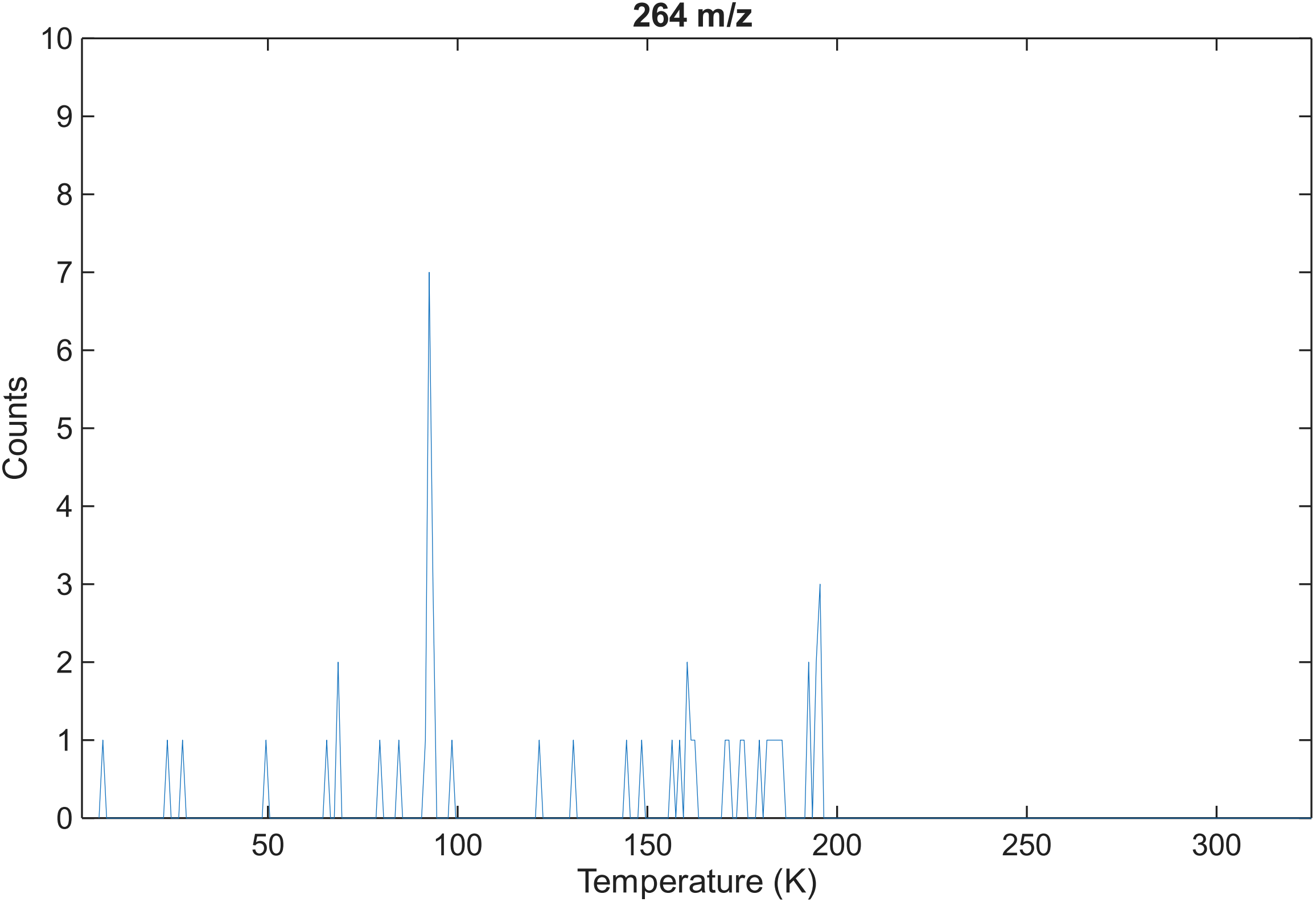

259 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300

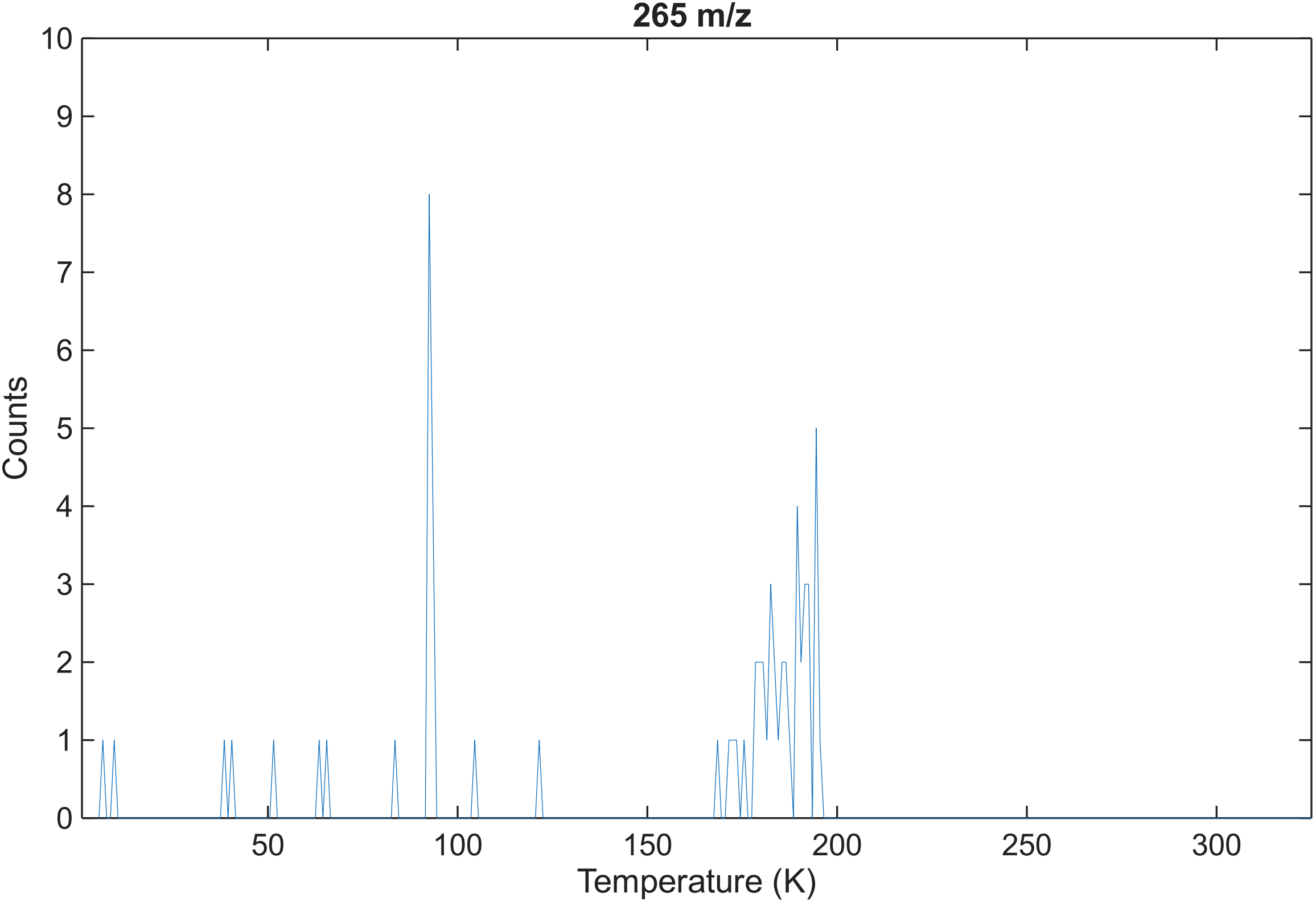

260 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
70
80
90
100
50
100
150
200
250
300

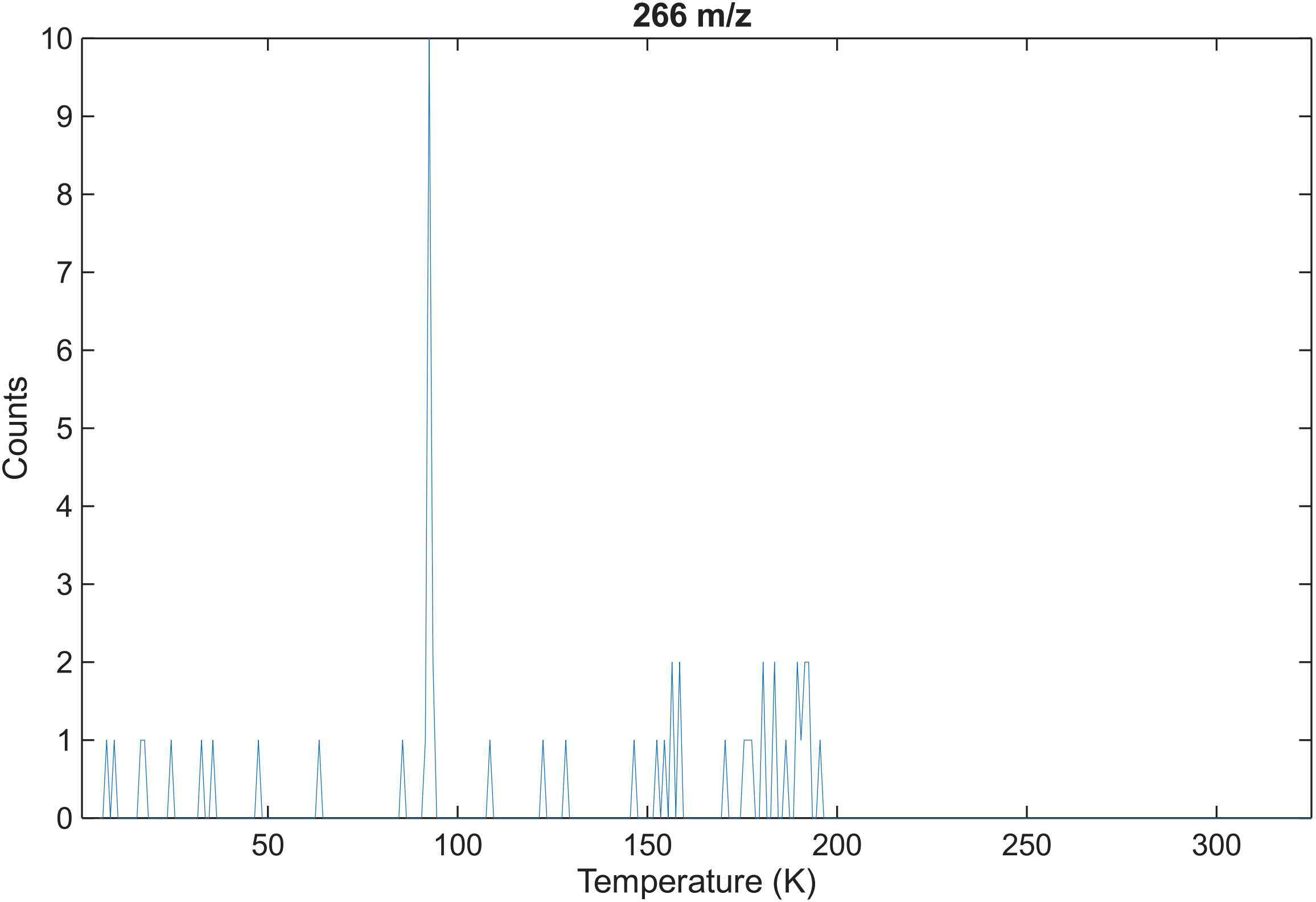

261 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

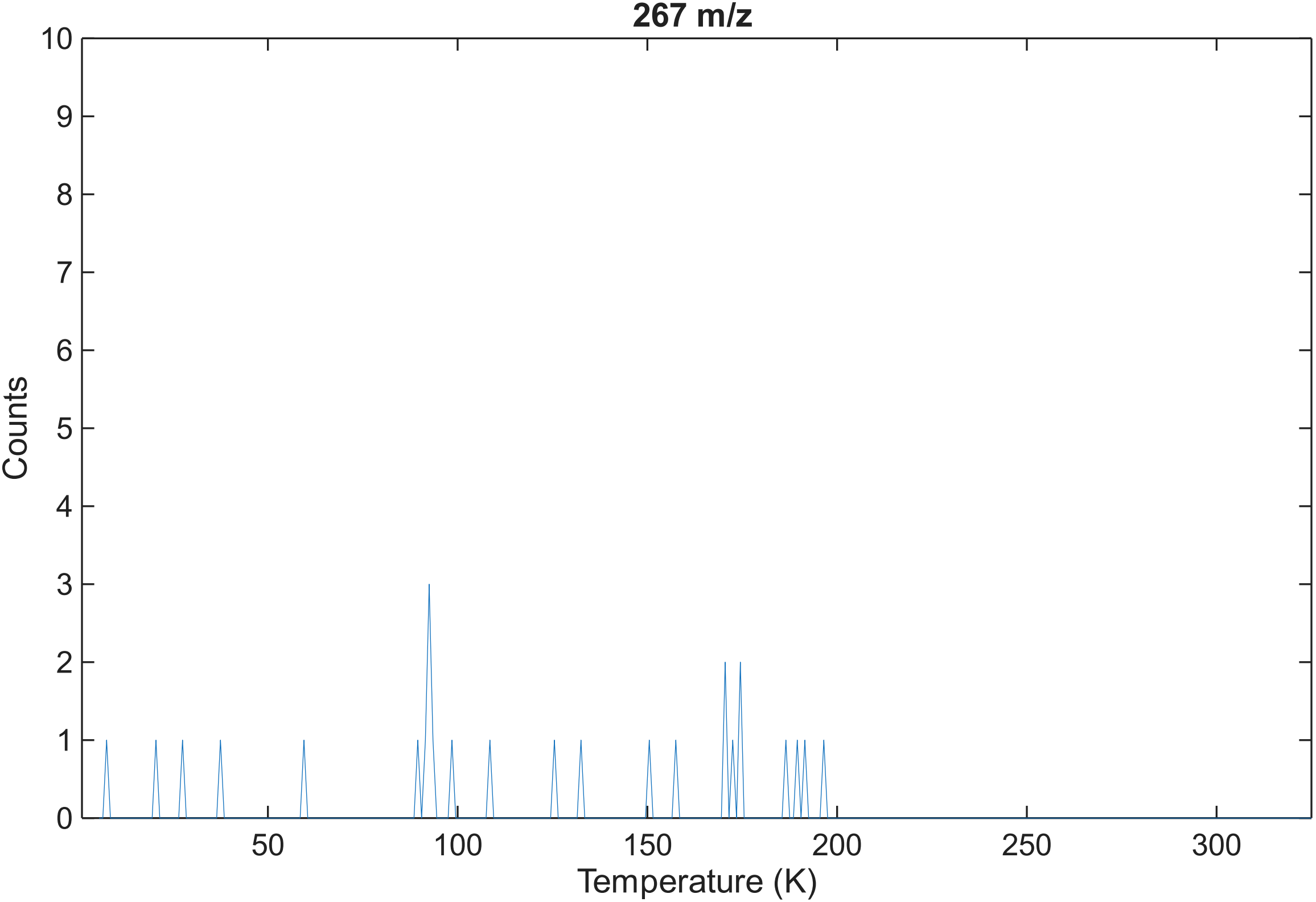

262 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

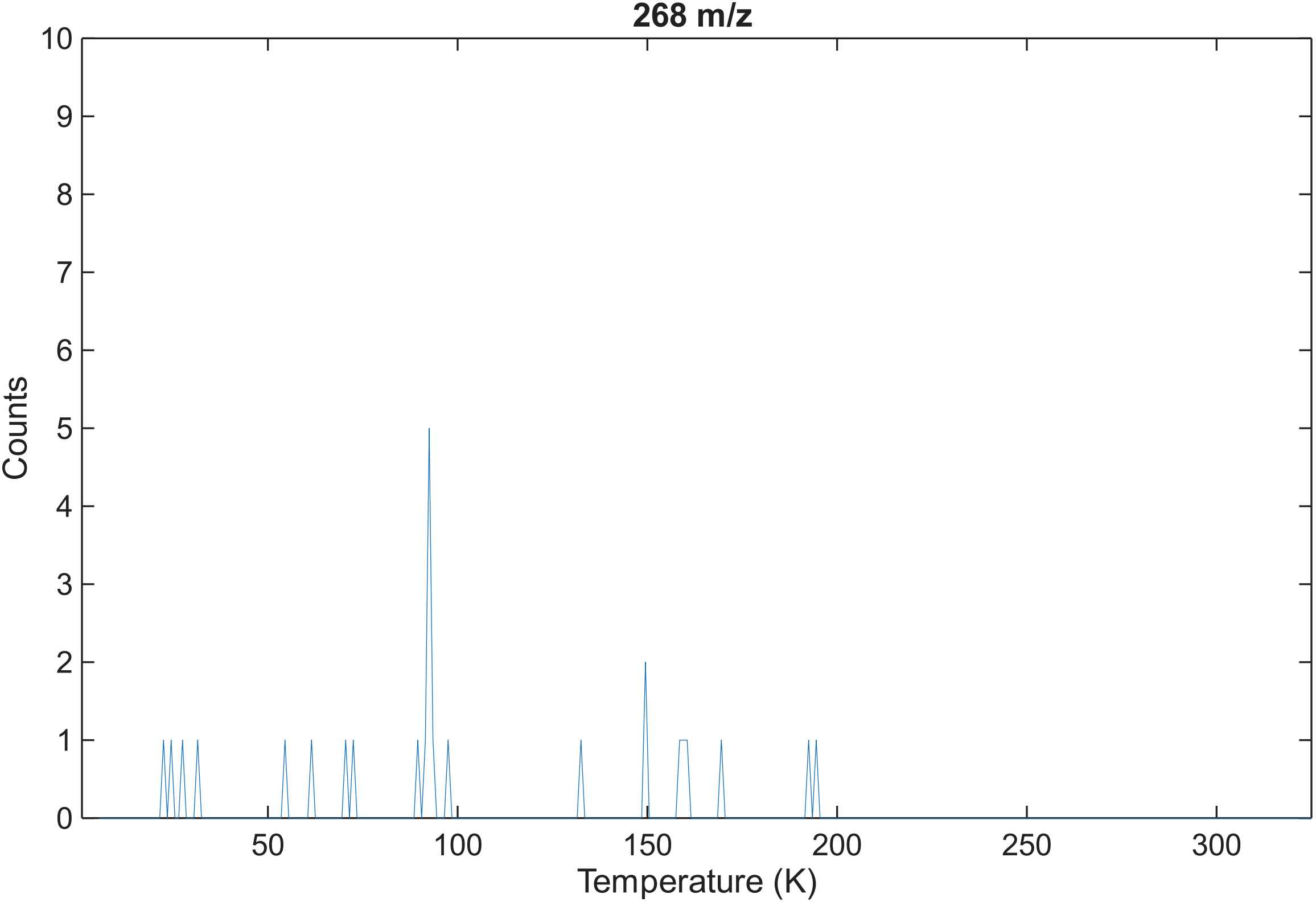

263 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

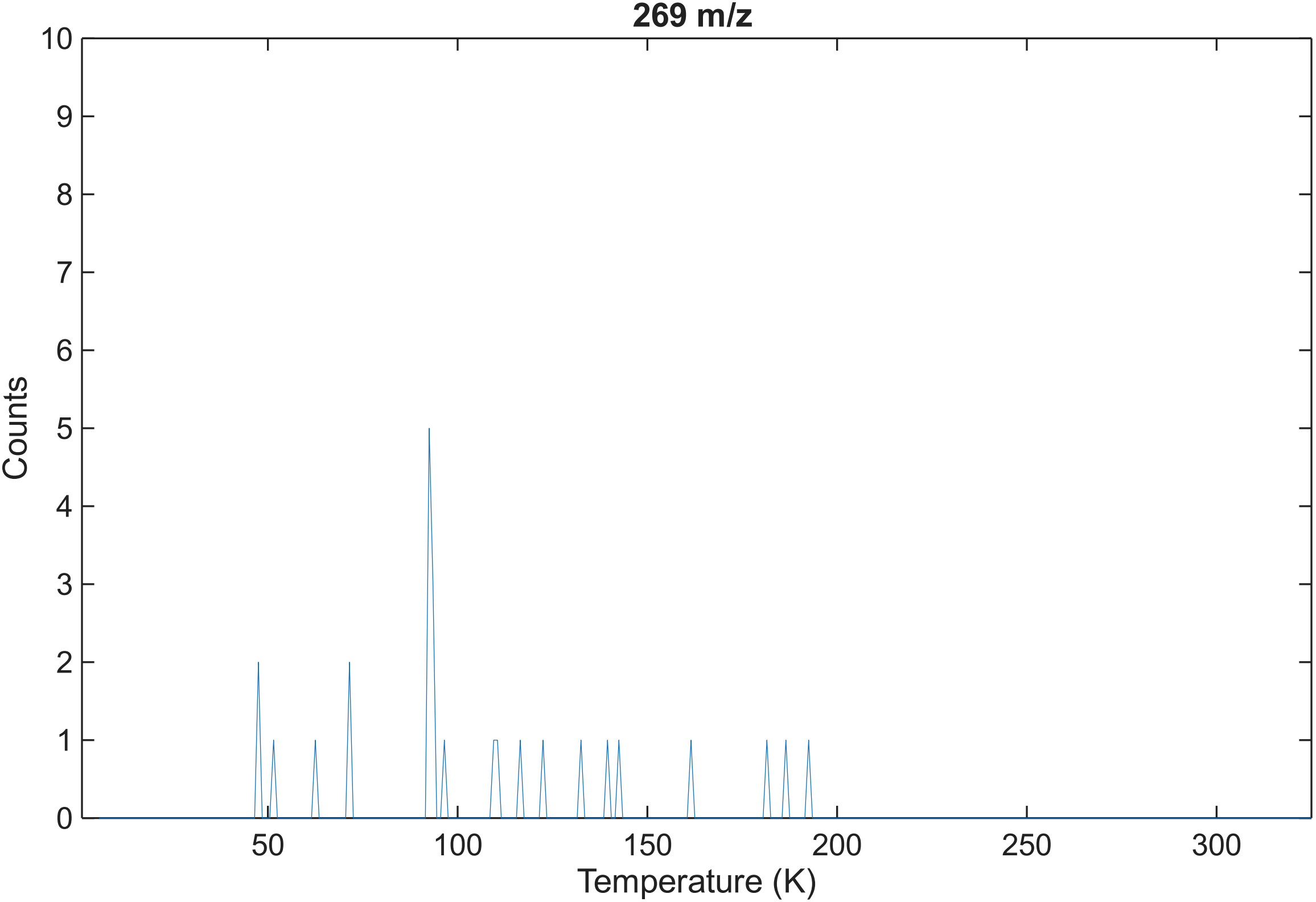

264 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

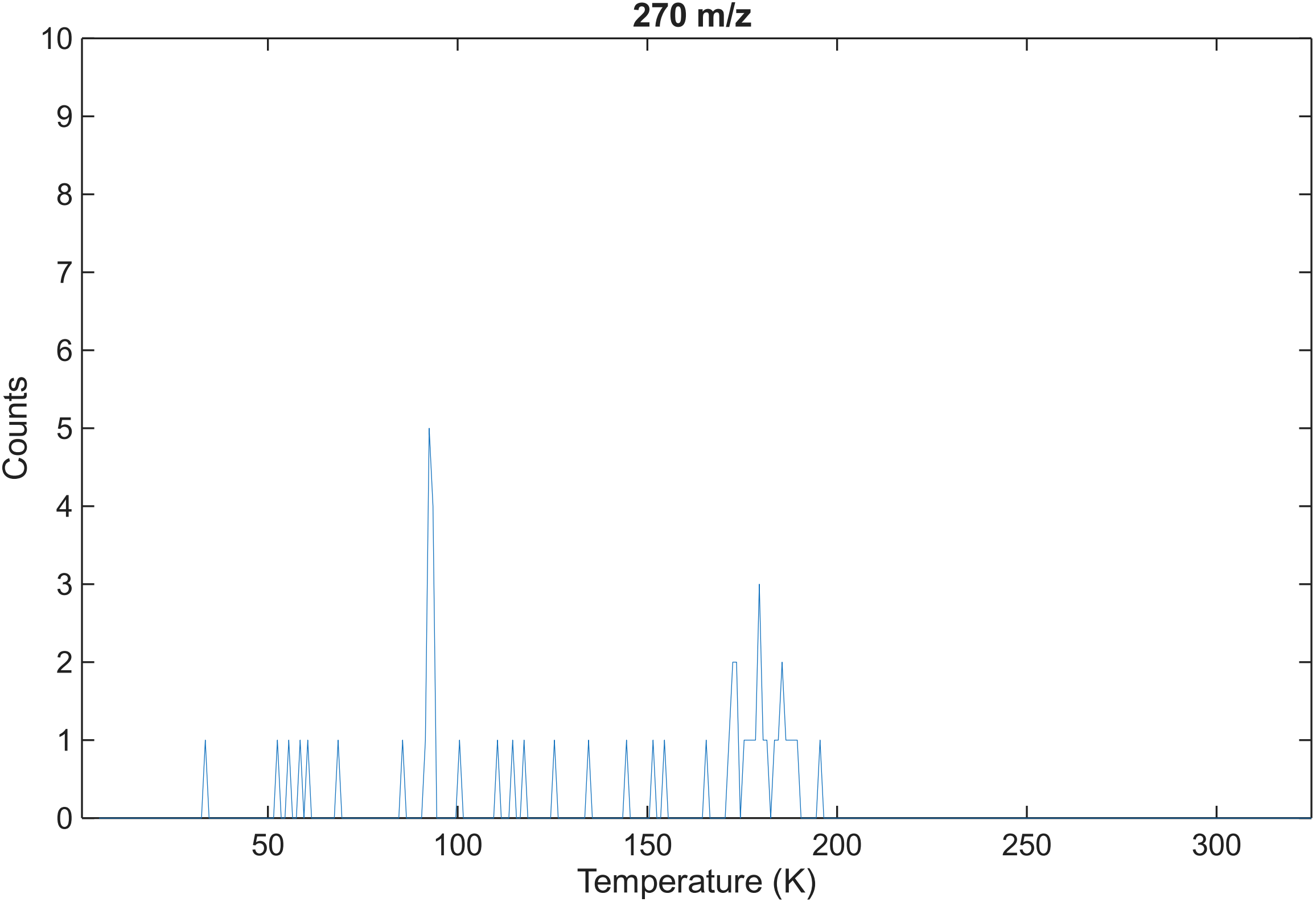

265 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

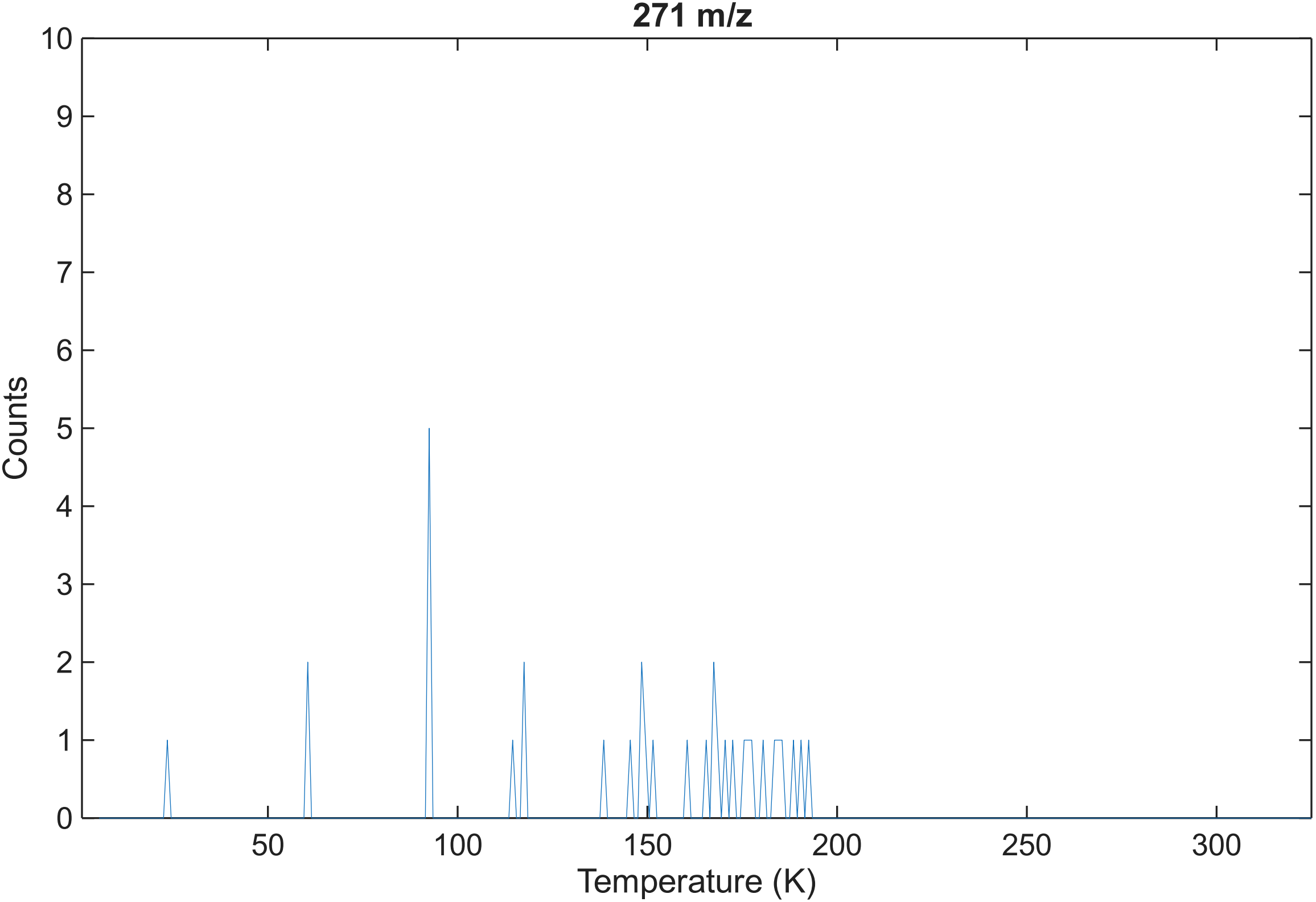

266 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

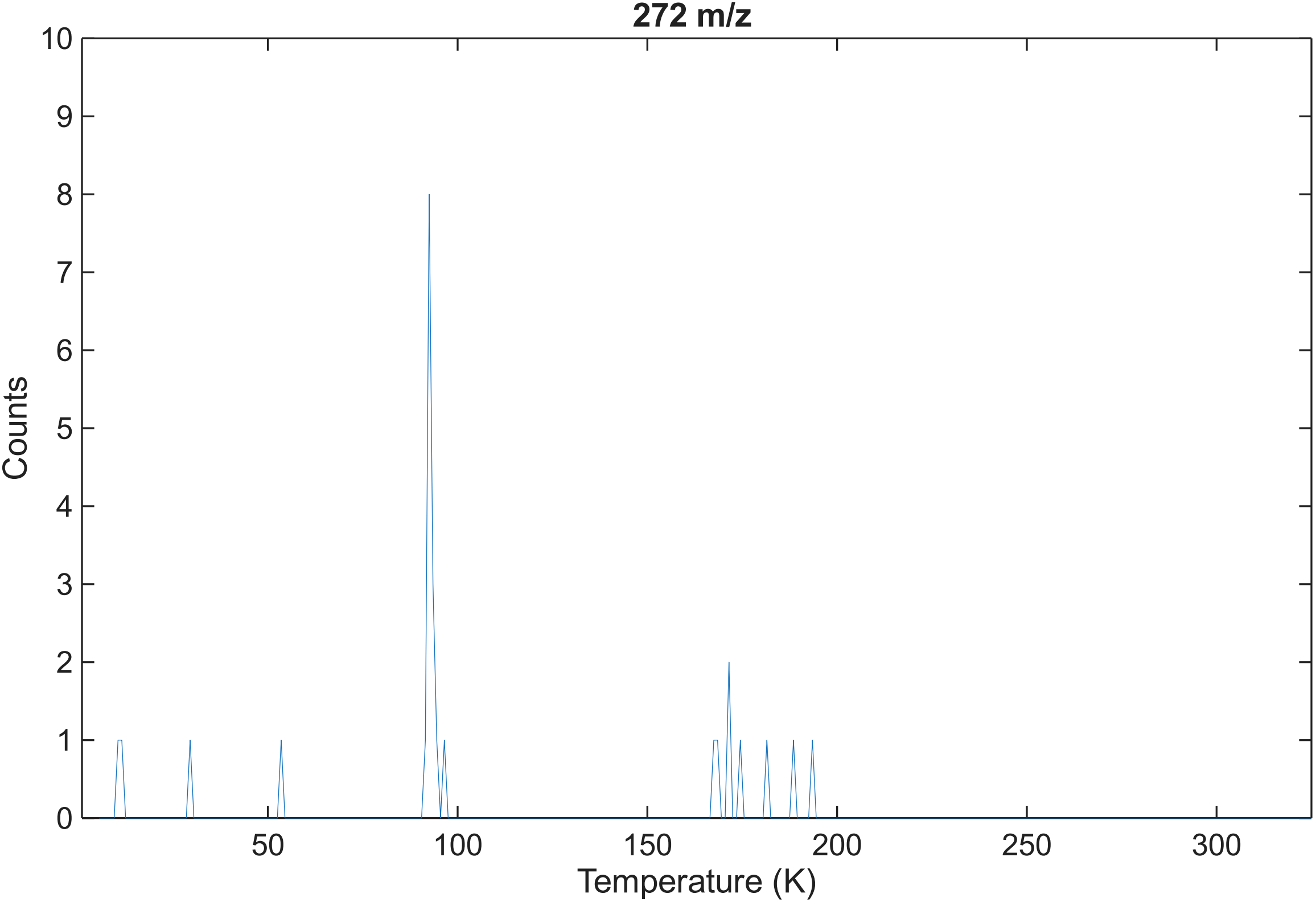

267 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

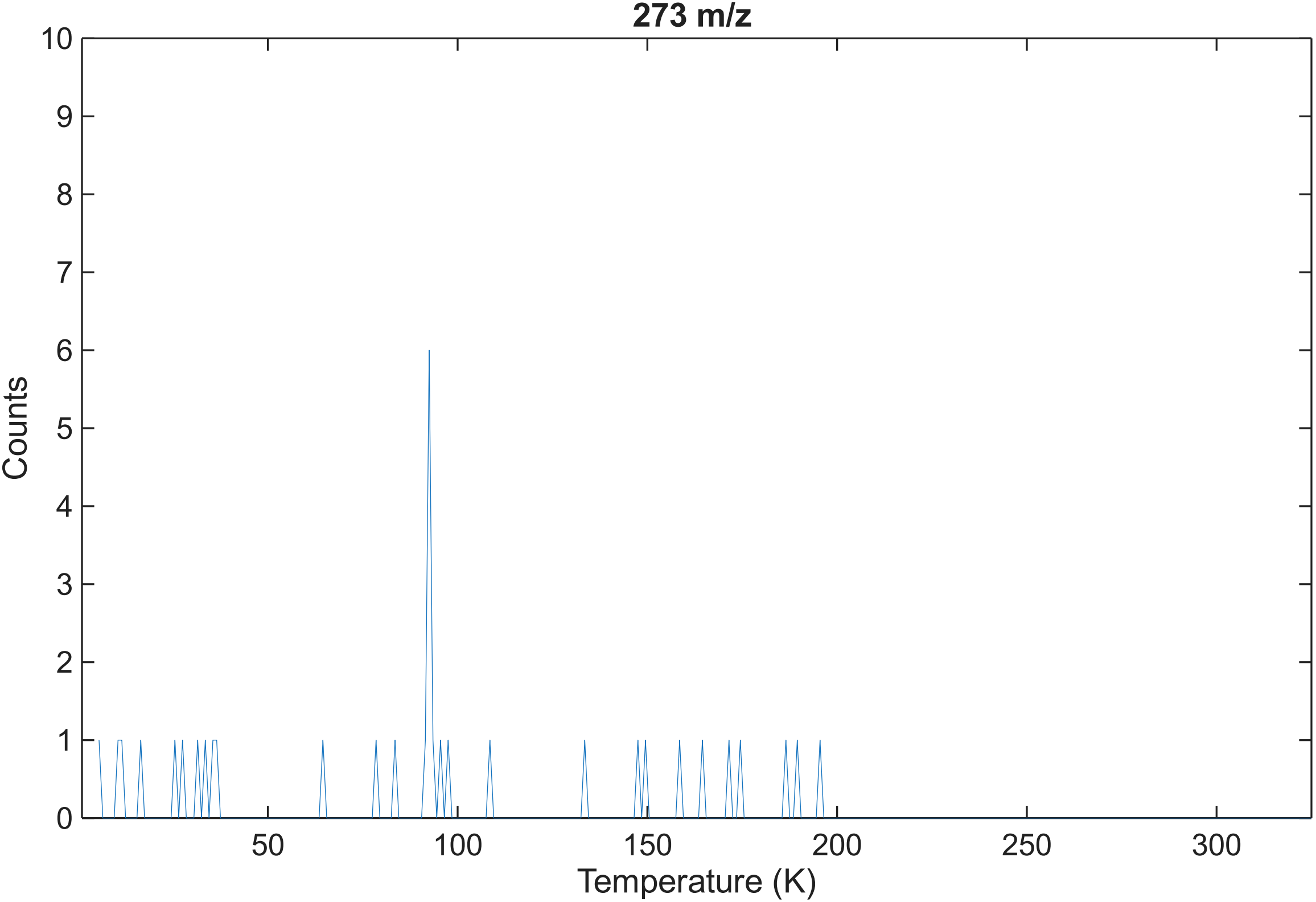

268 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

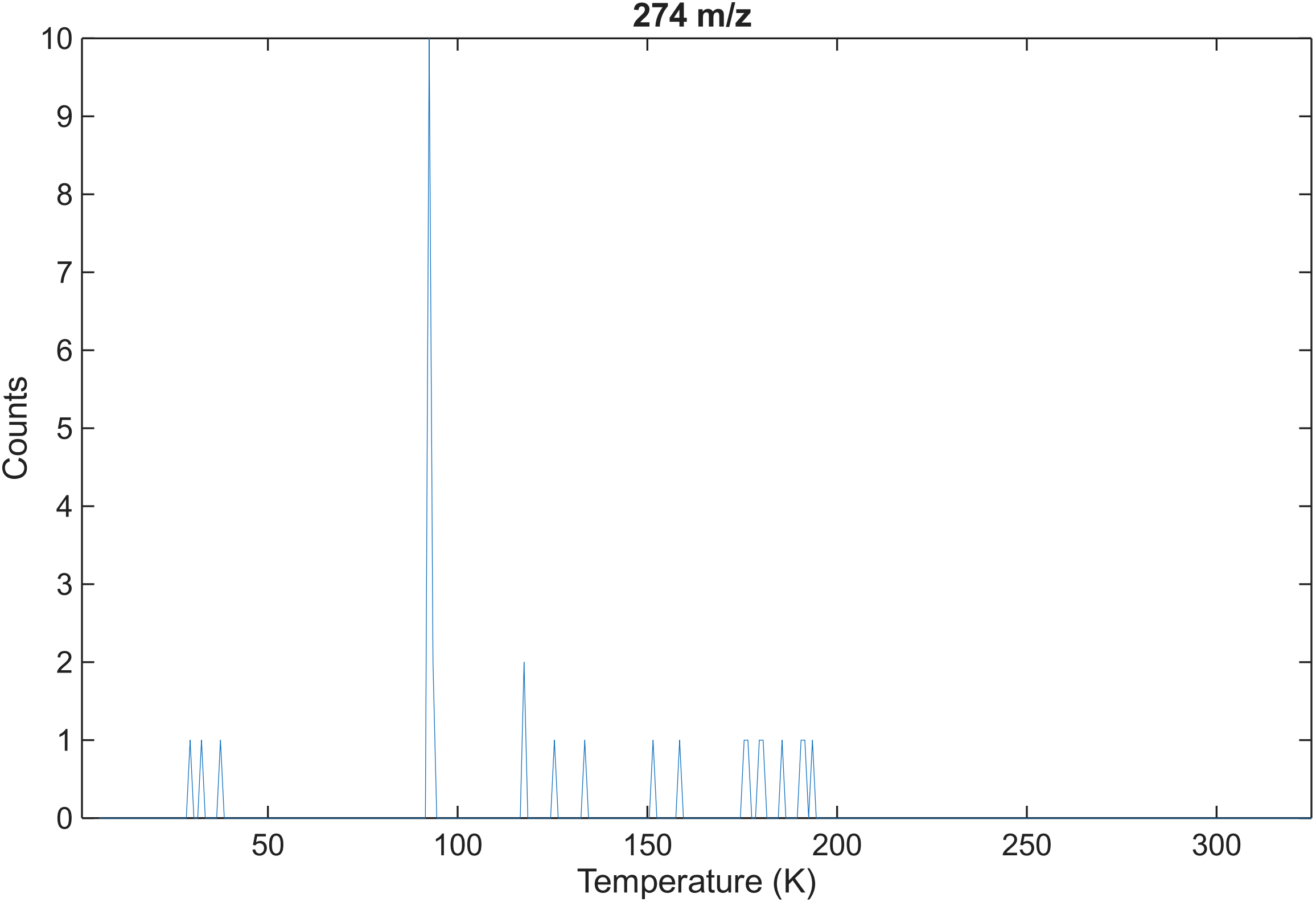

269 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

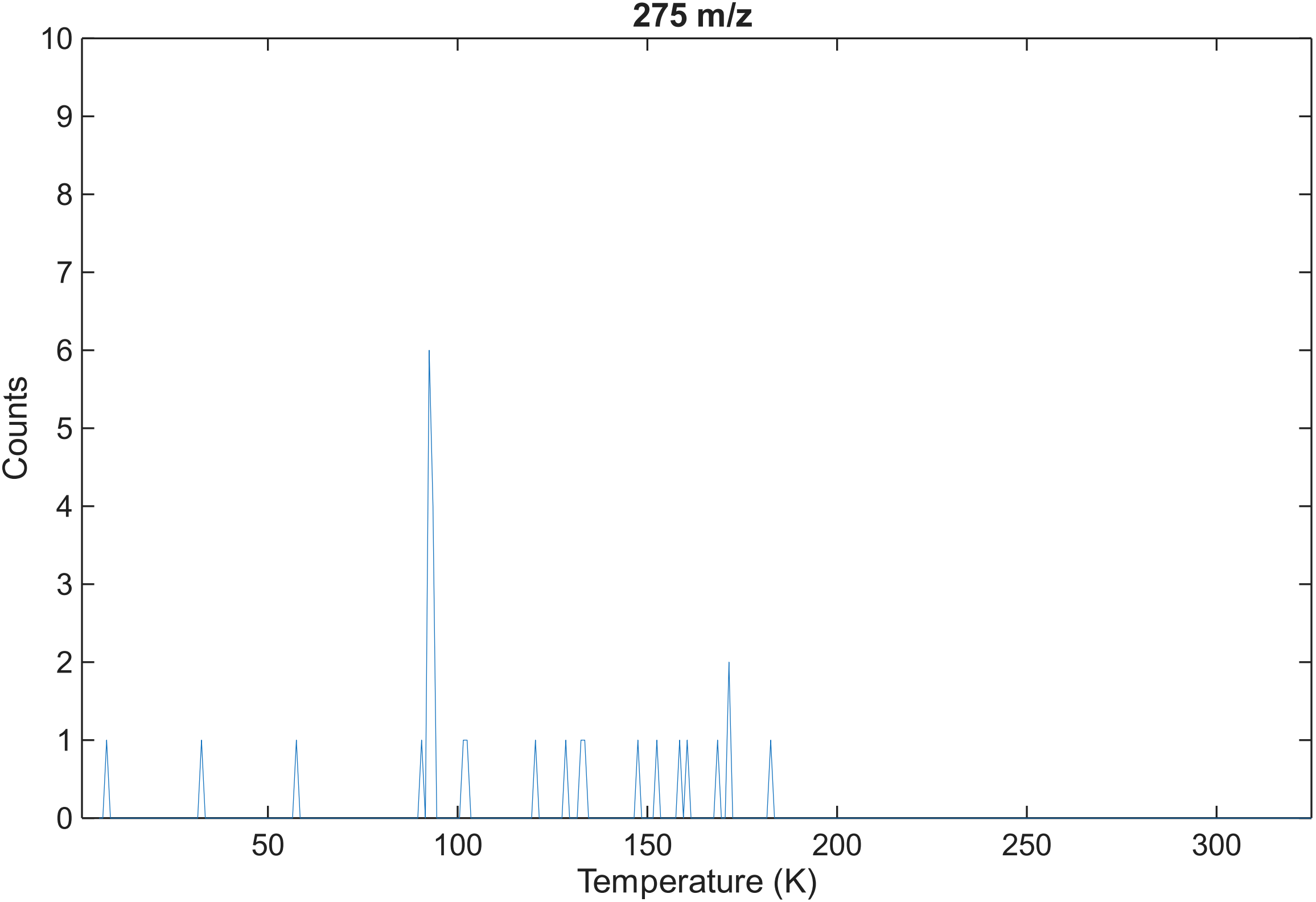

270 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

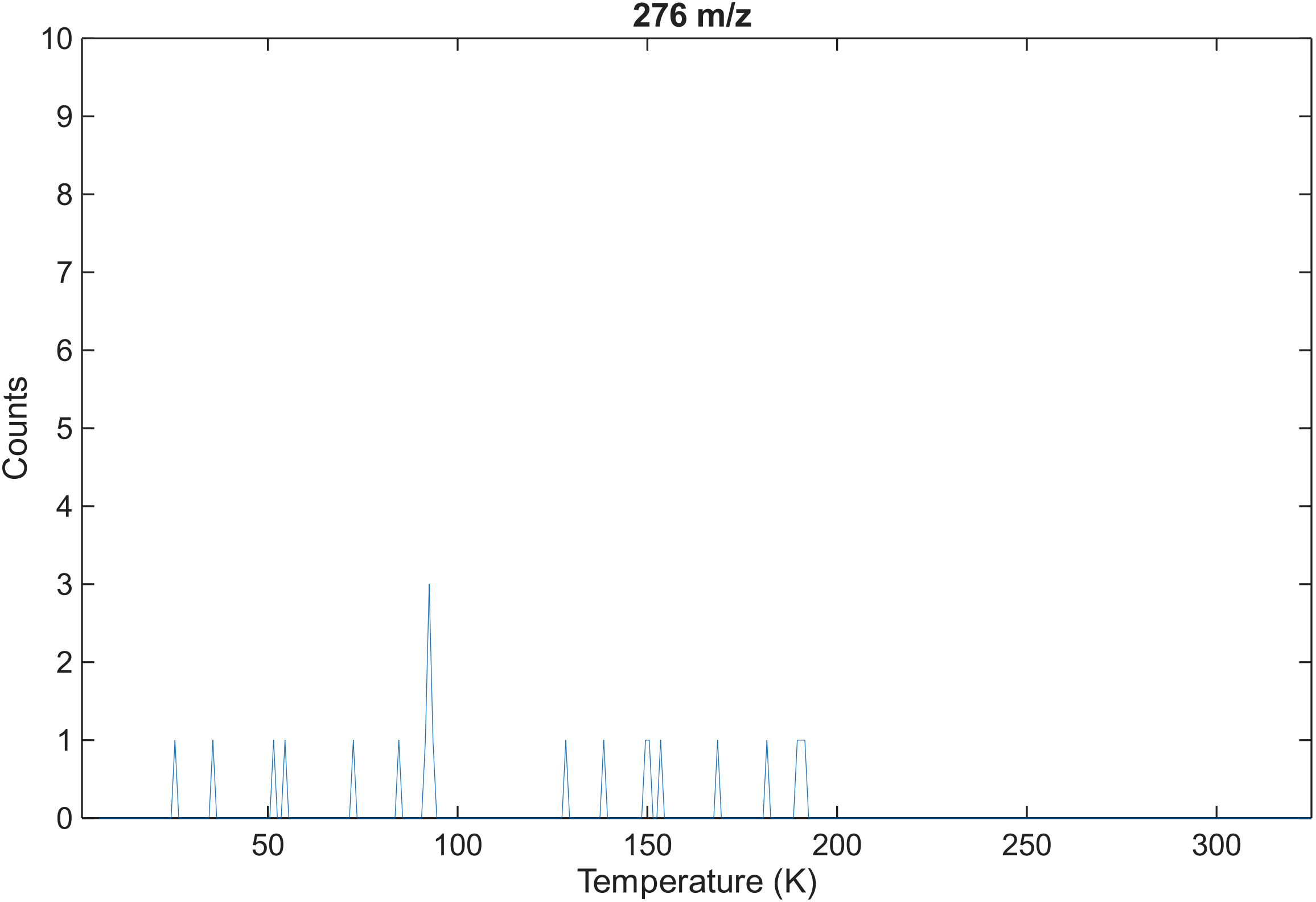

271 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

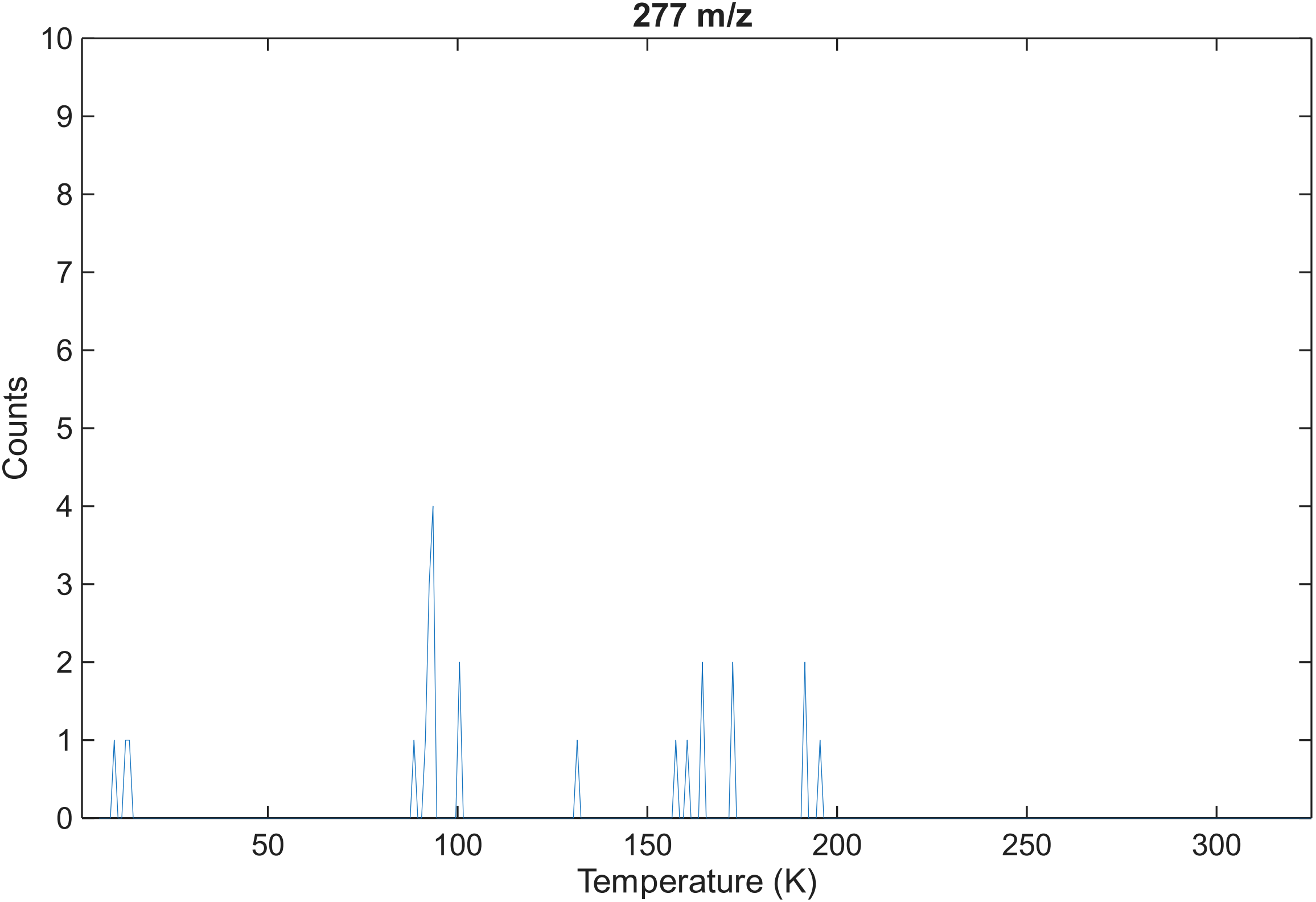

272 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

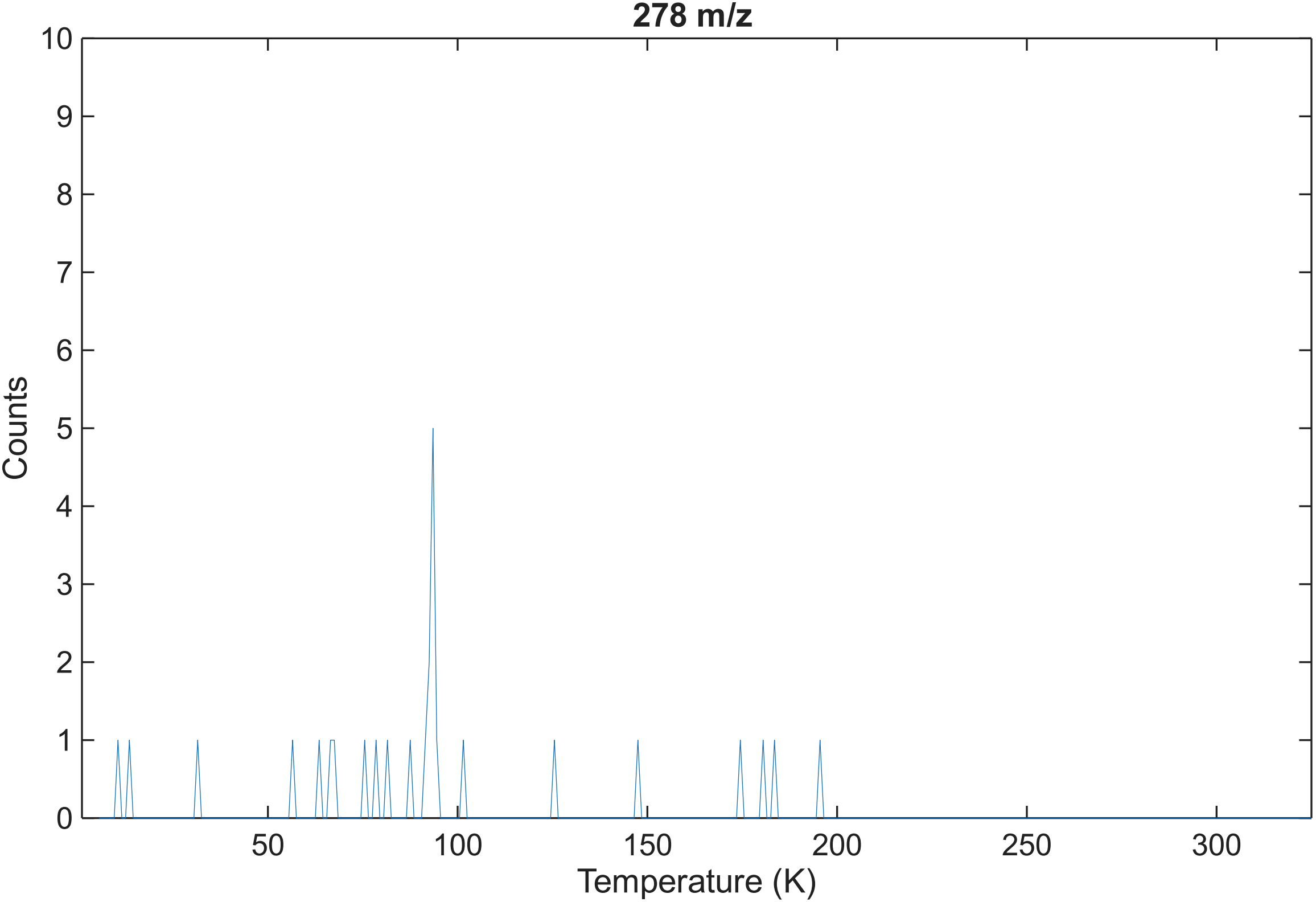

273 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

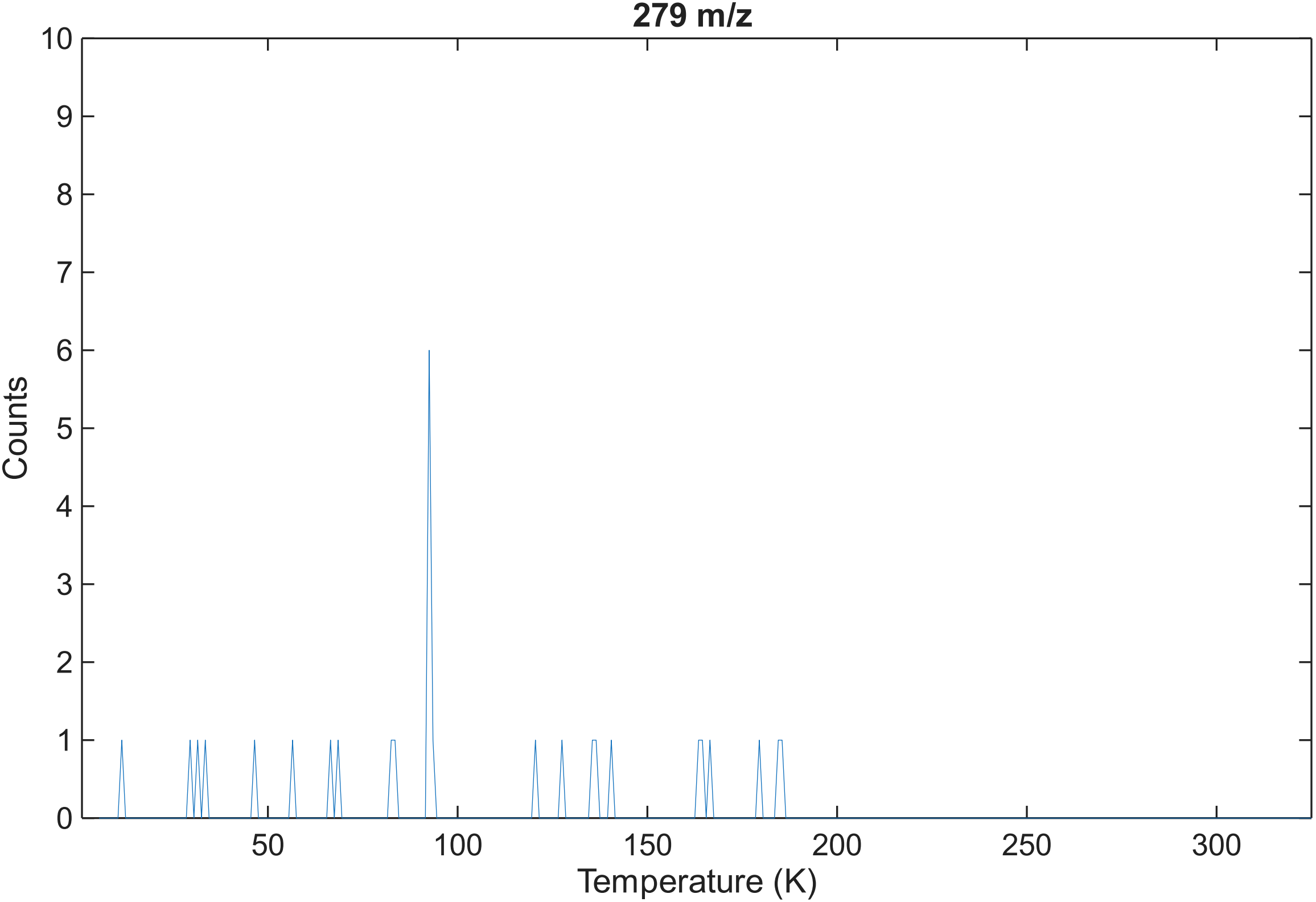

274 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

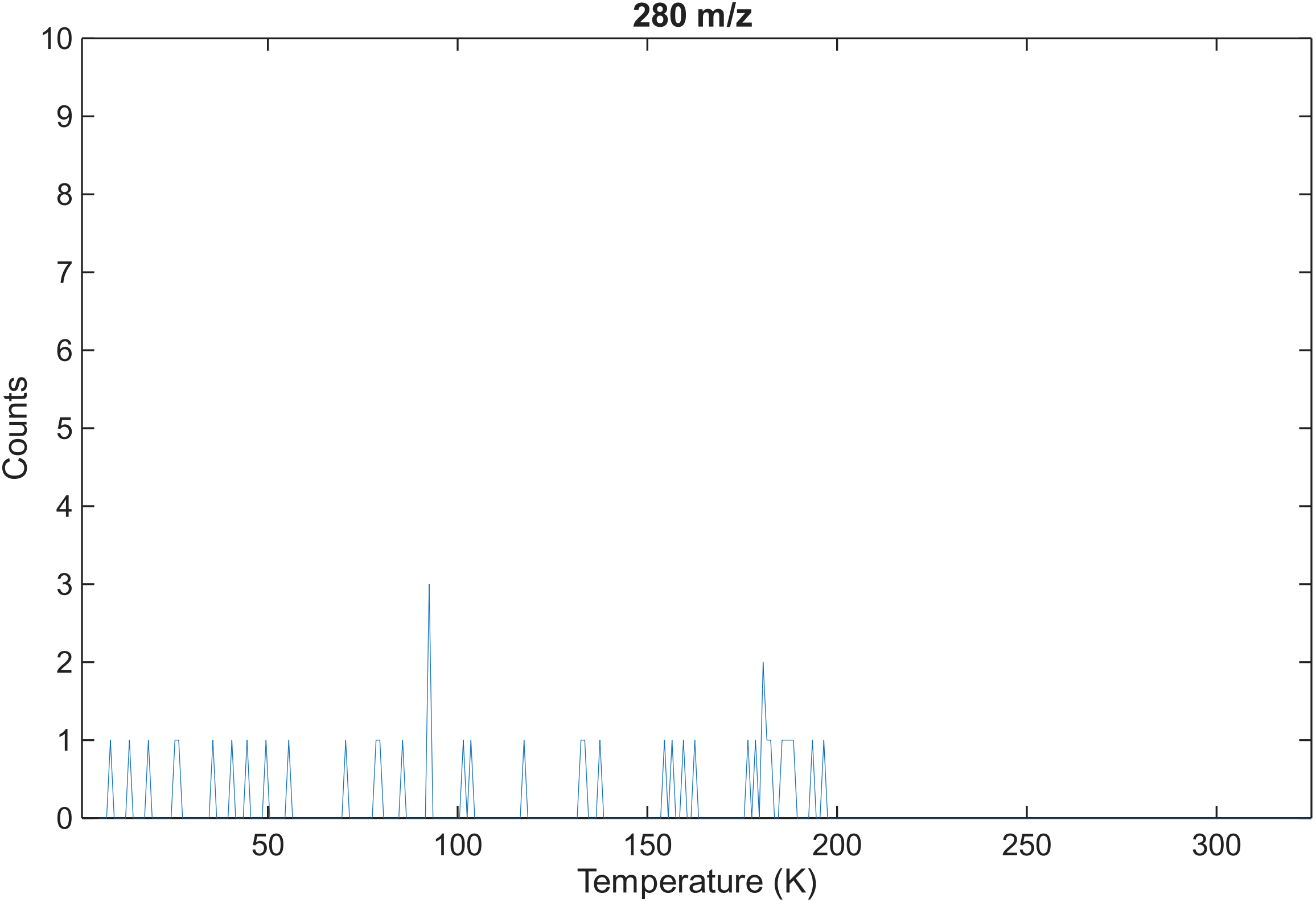

275 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

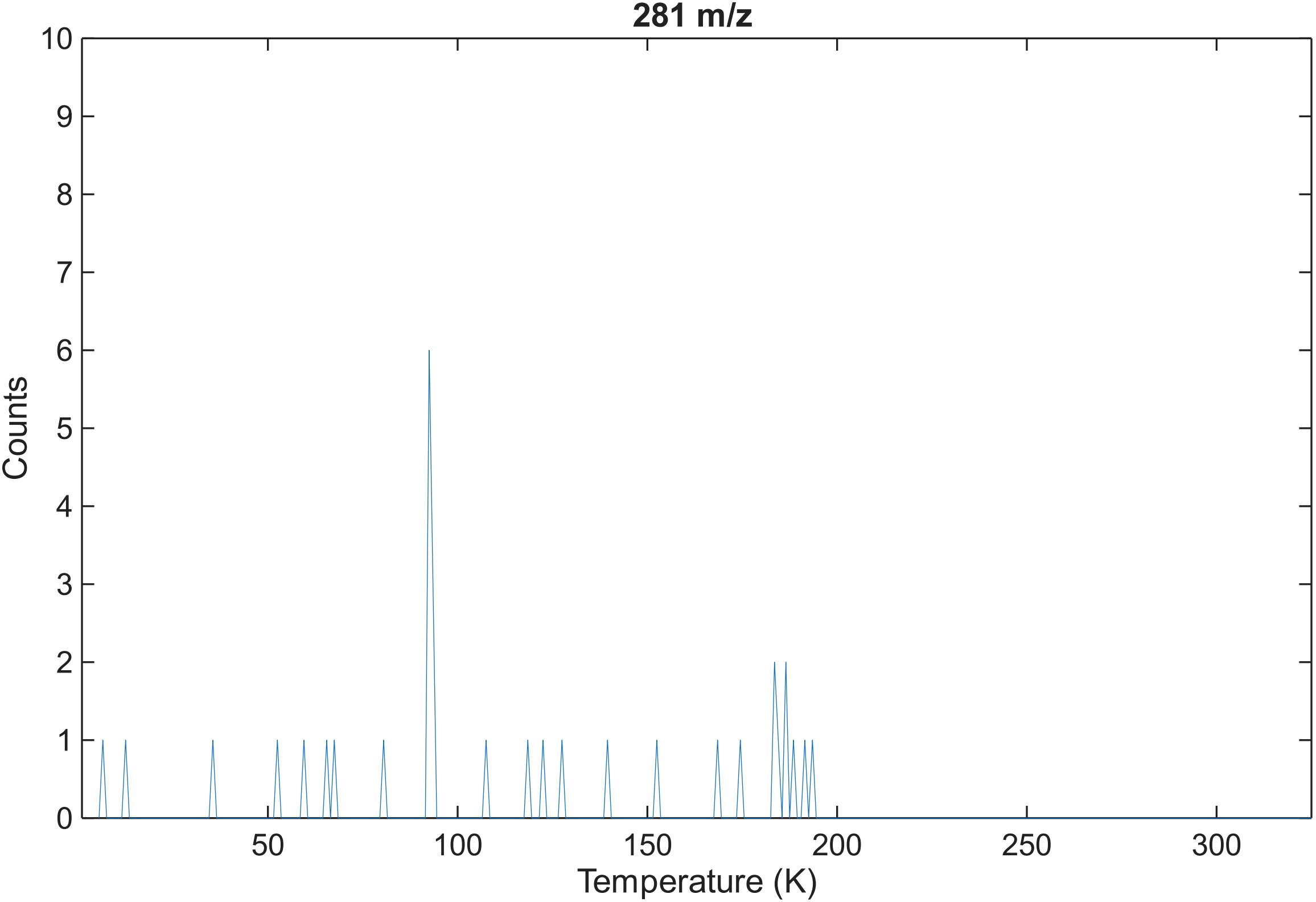

276 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

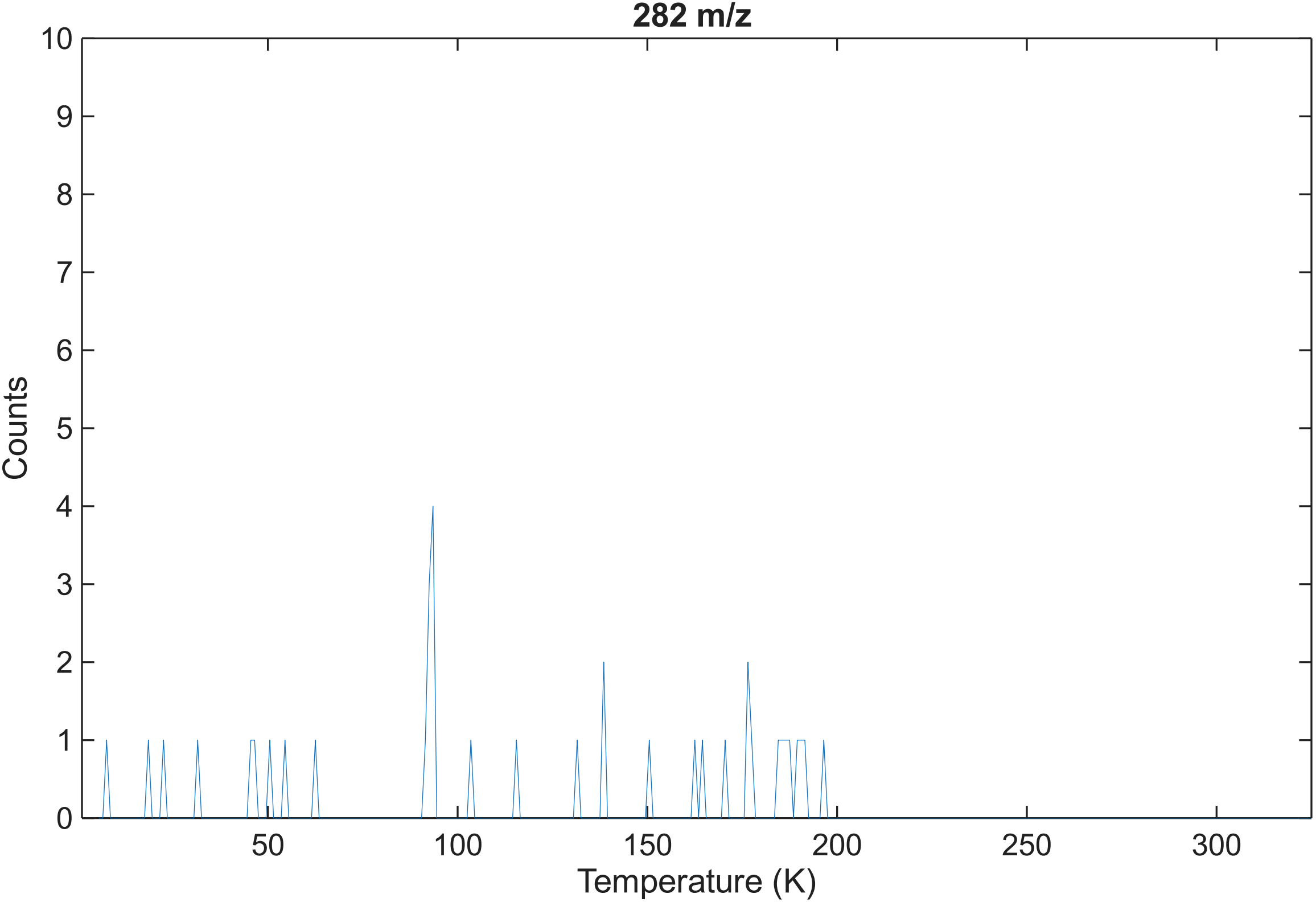

277 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

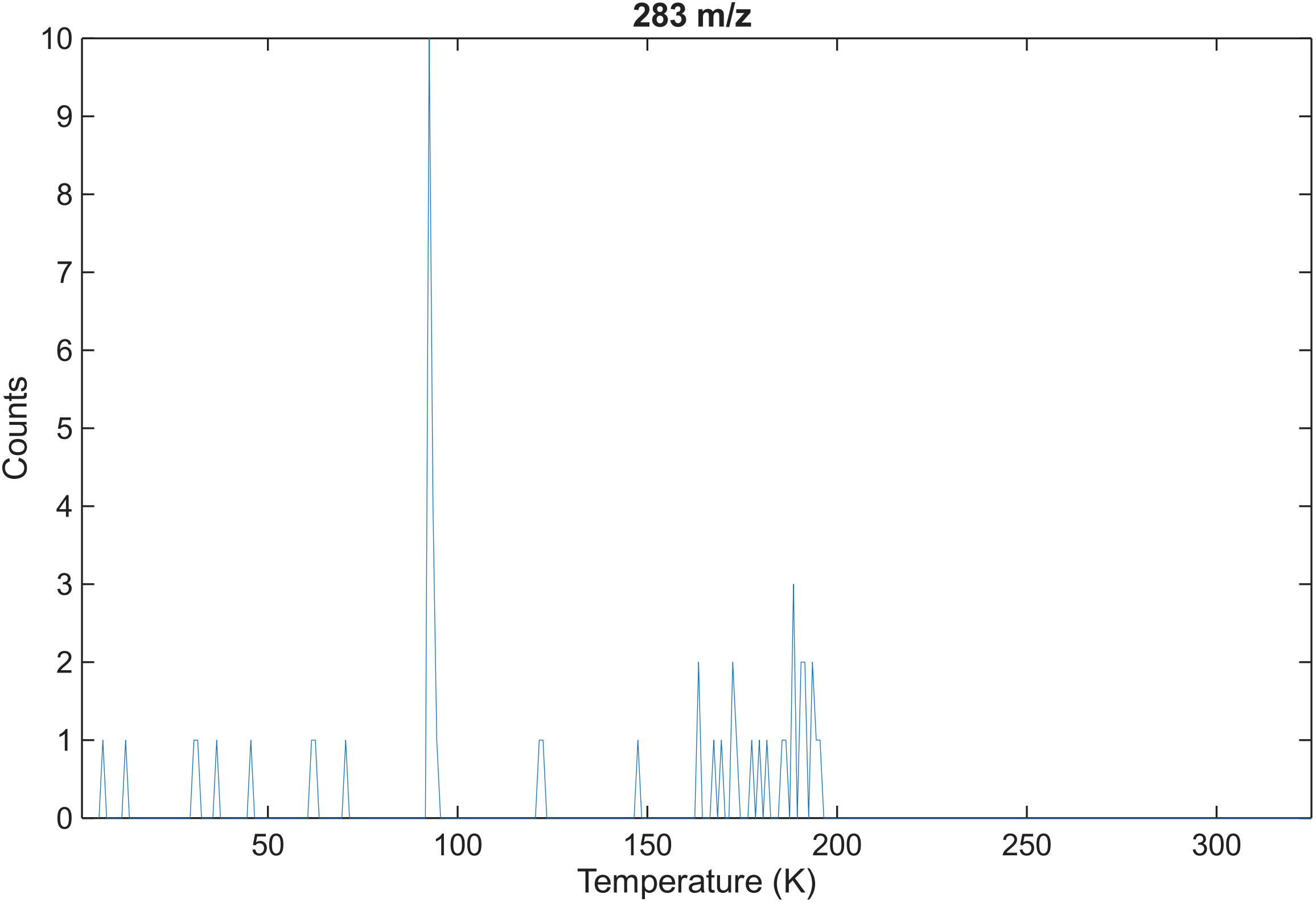

278 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

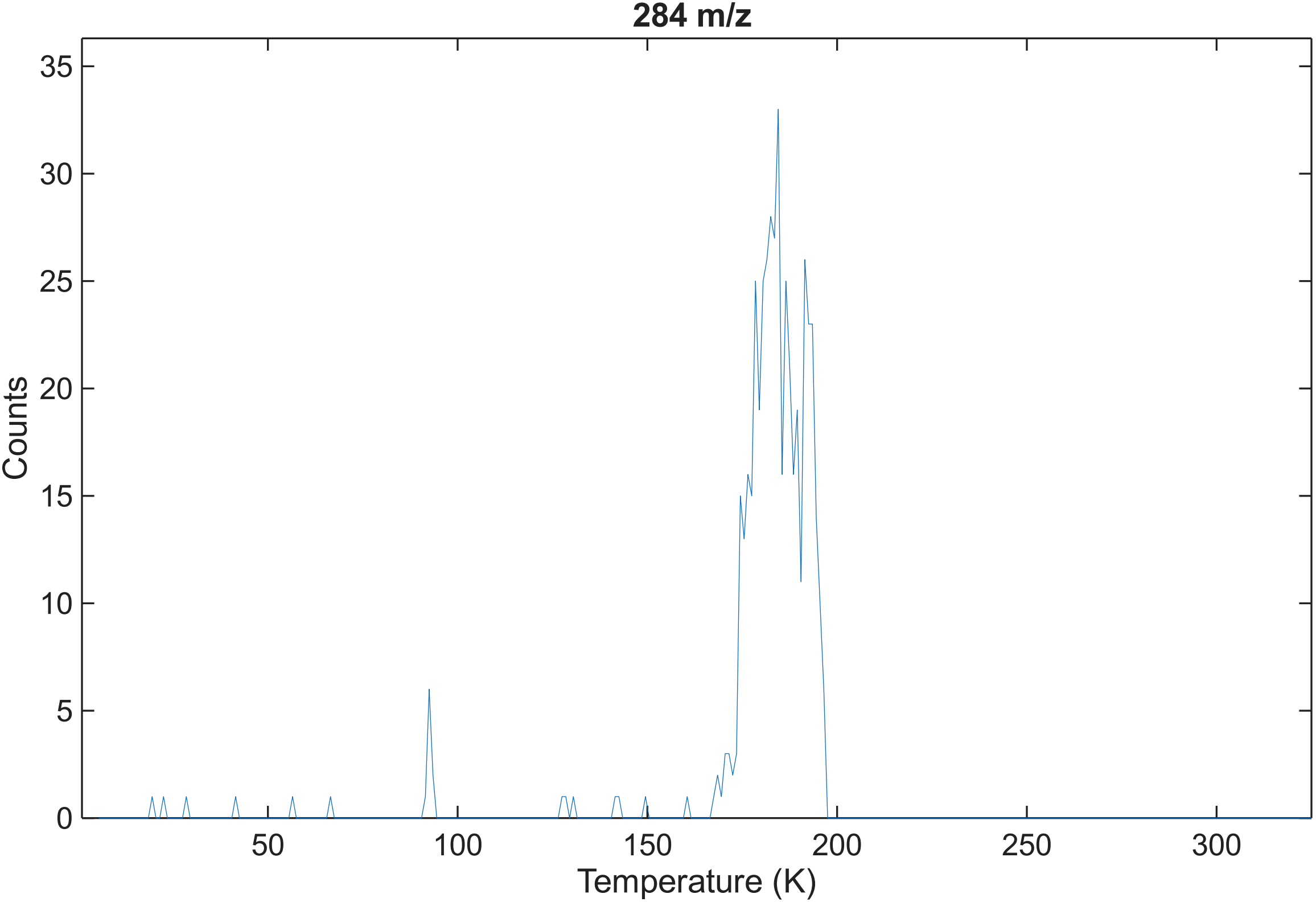

279 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

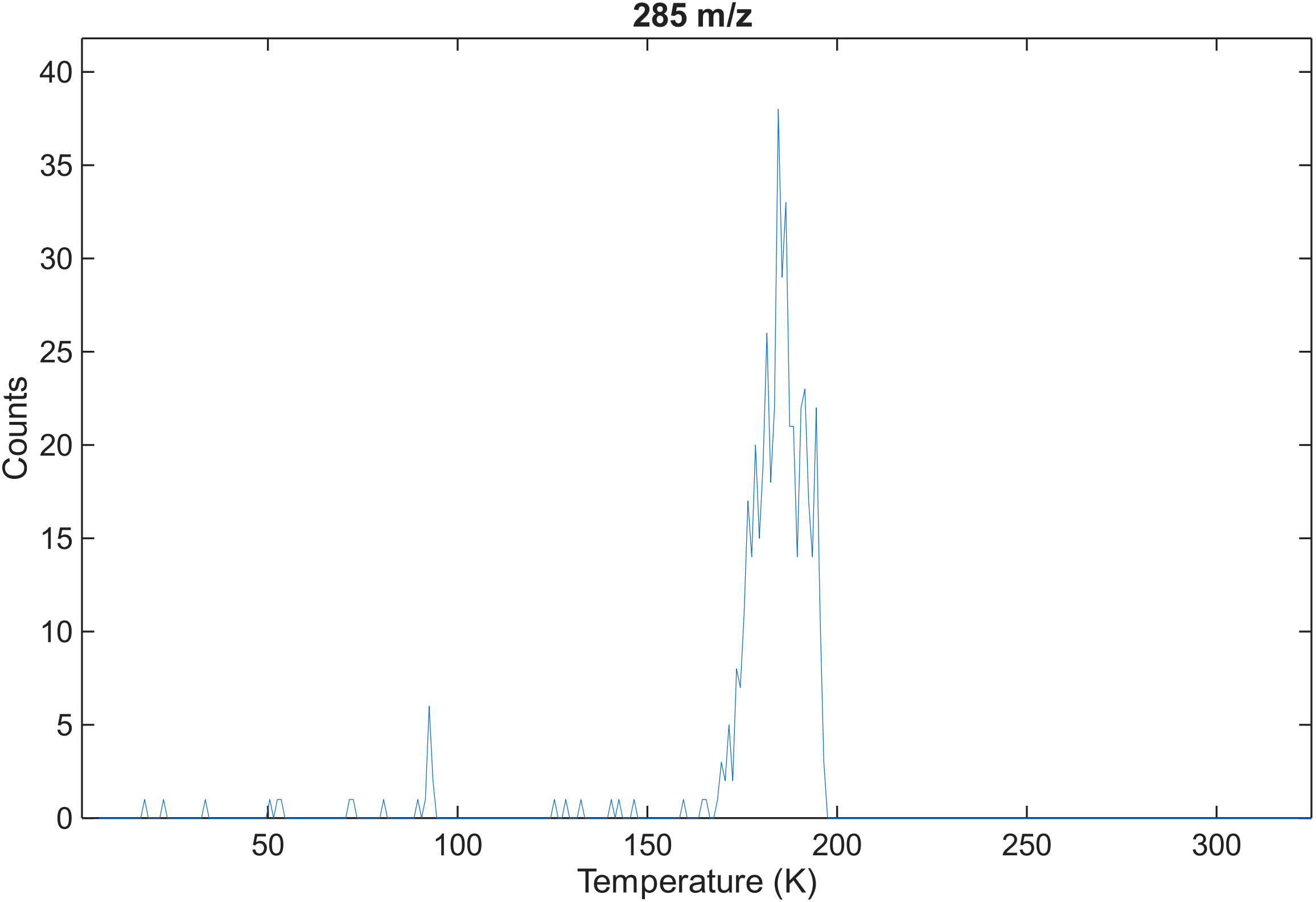

280 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

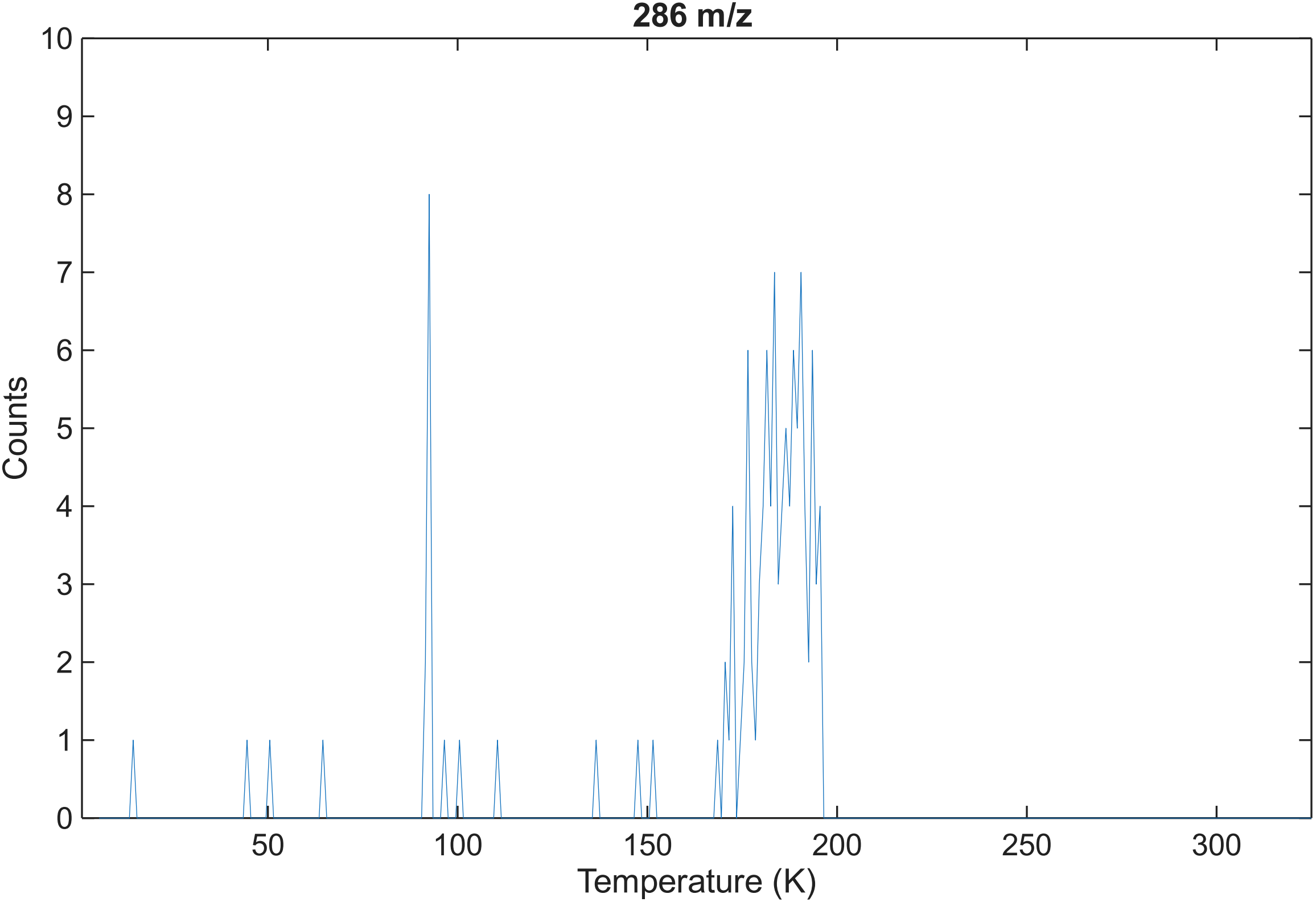

281 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

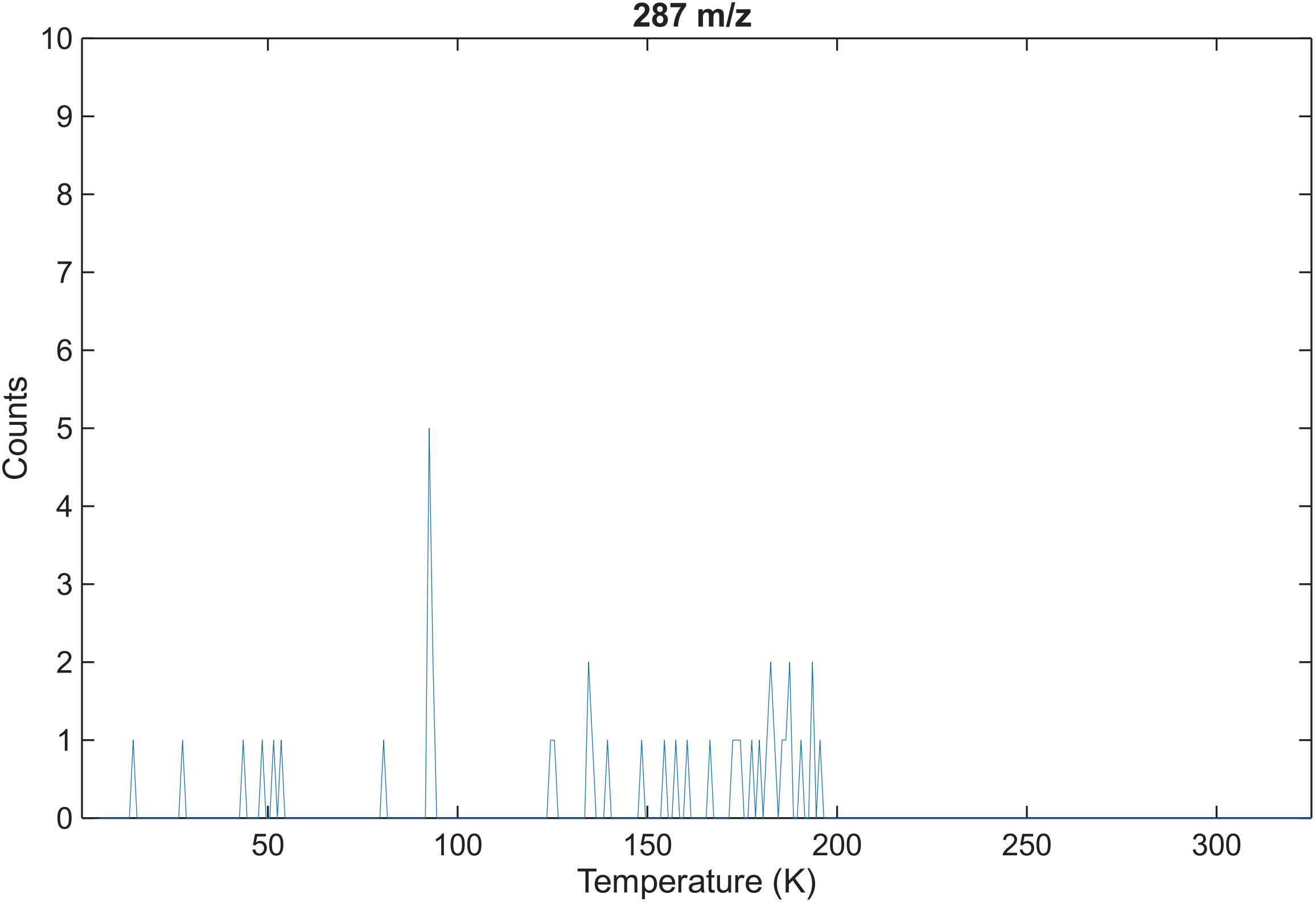

282 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

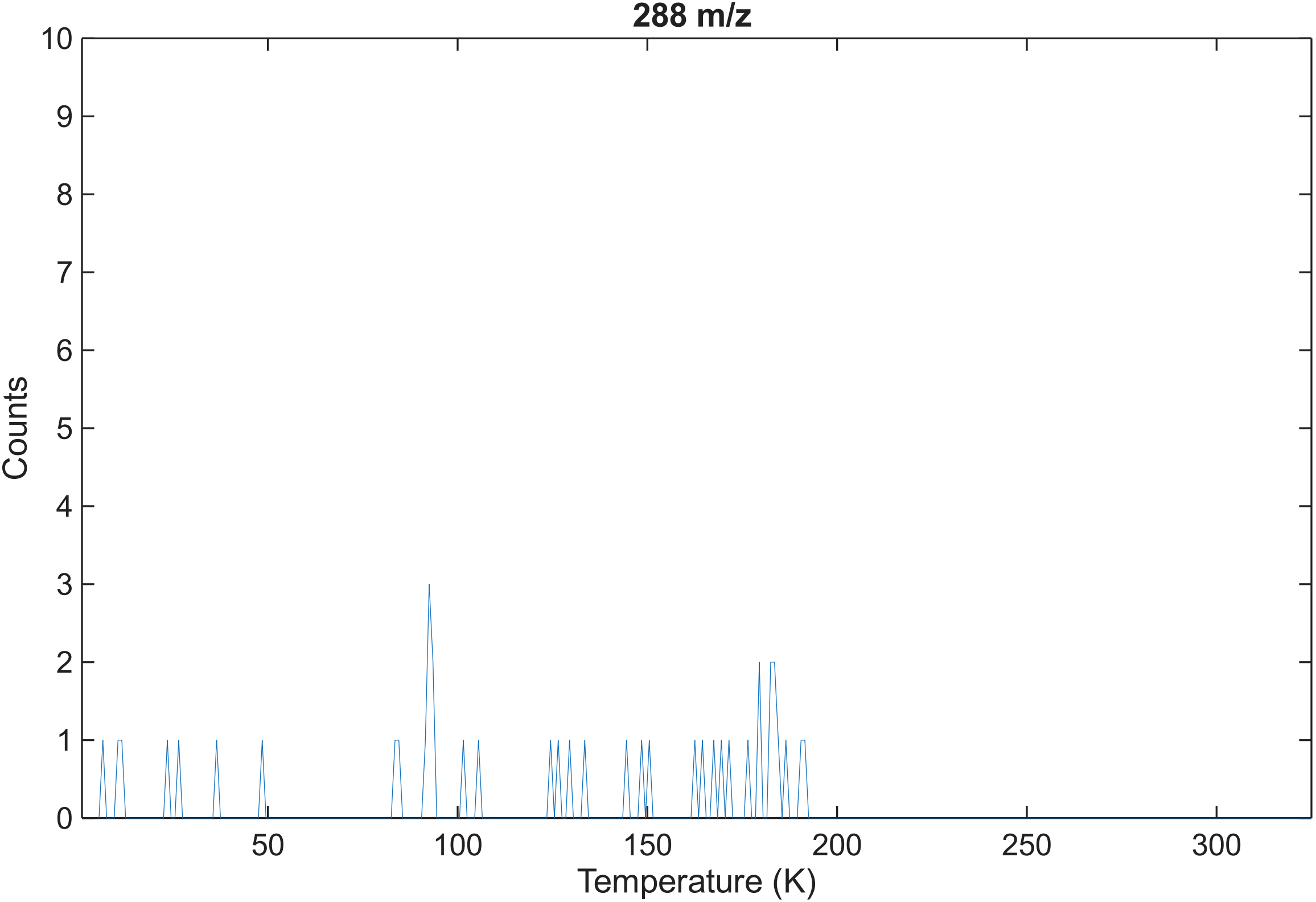

283 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

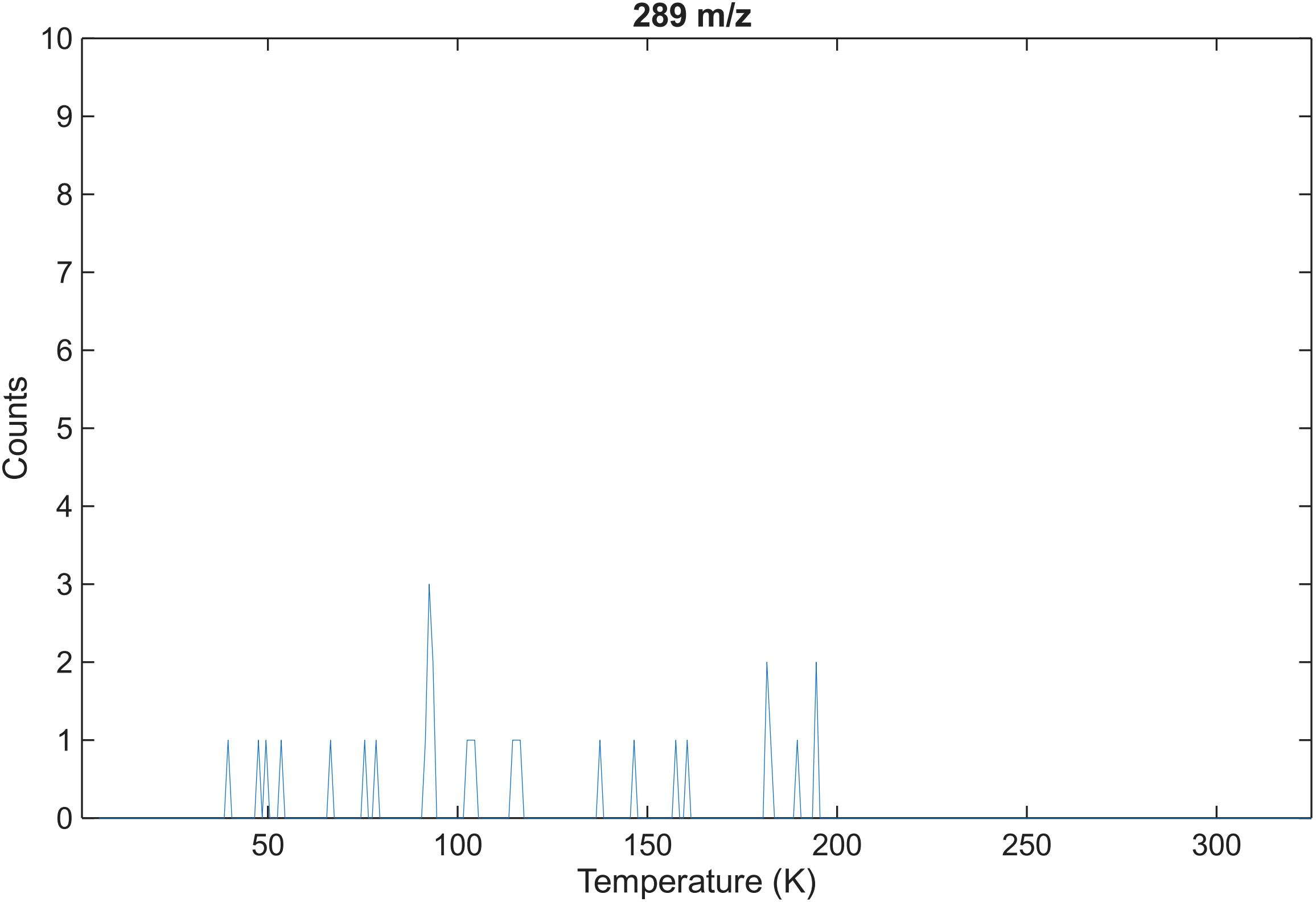

284 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300

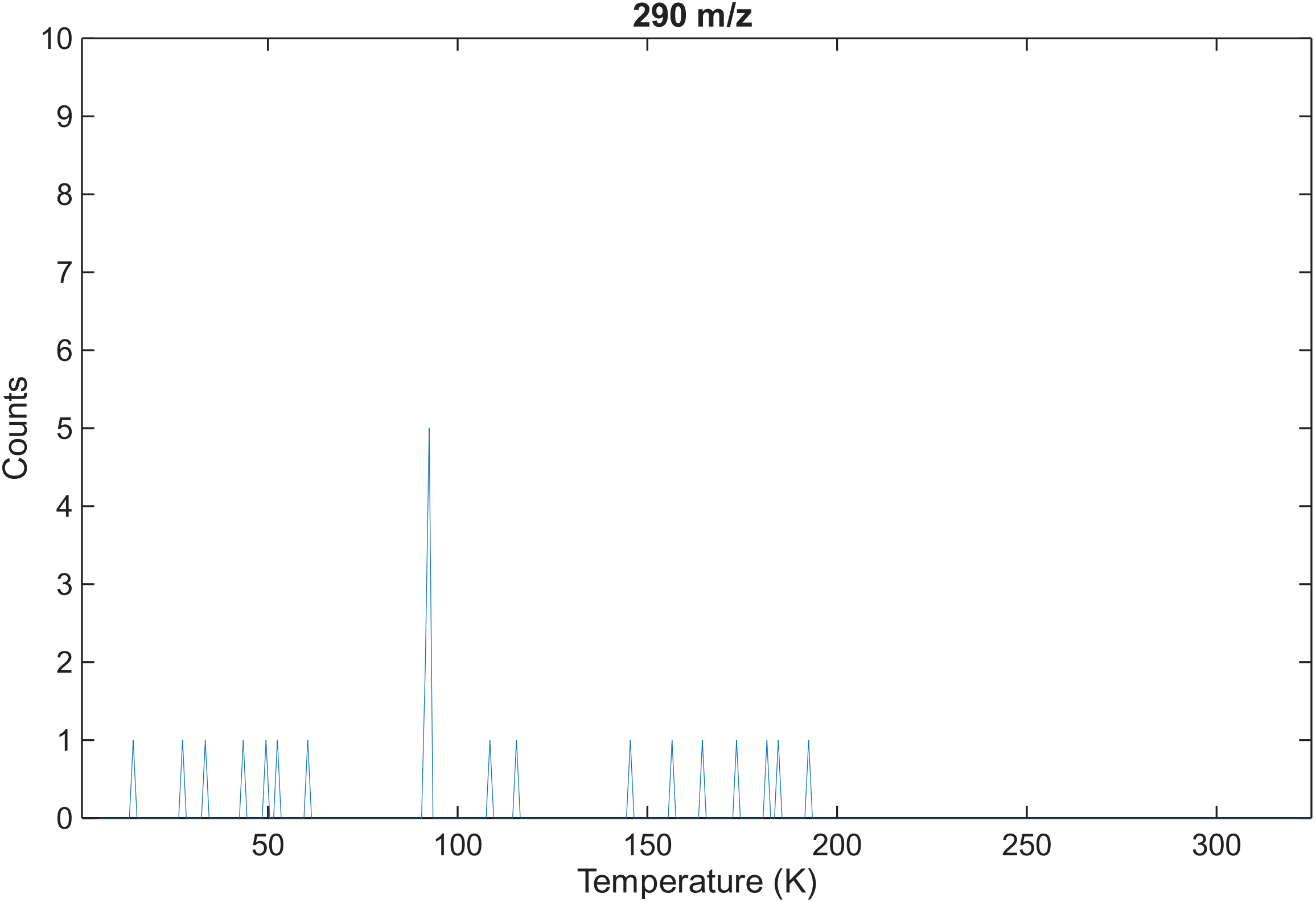

285 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
50
100
150
200
250
300

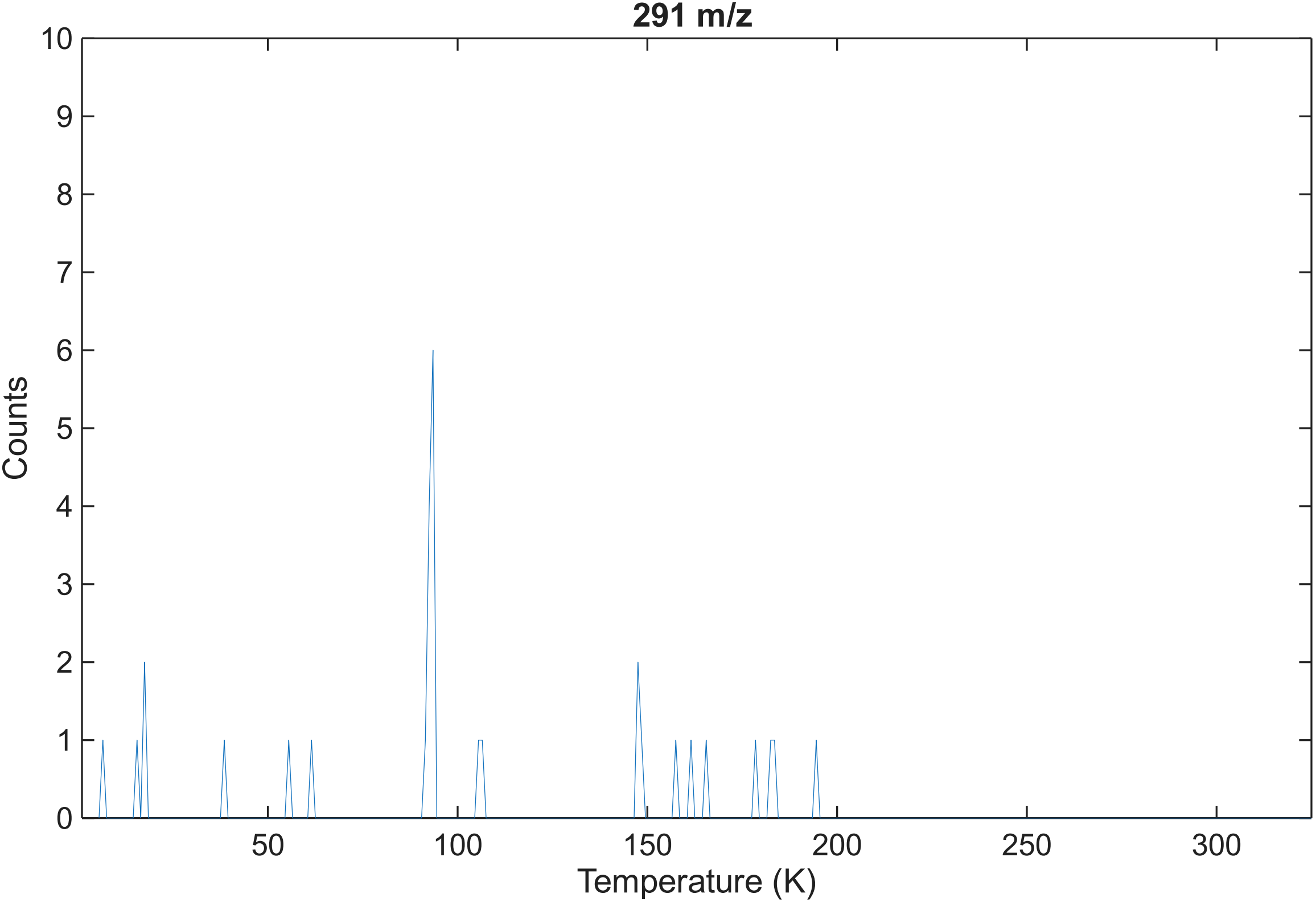

286 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

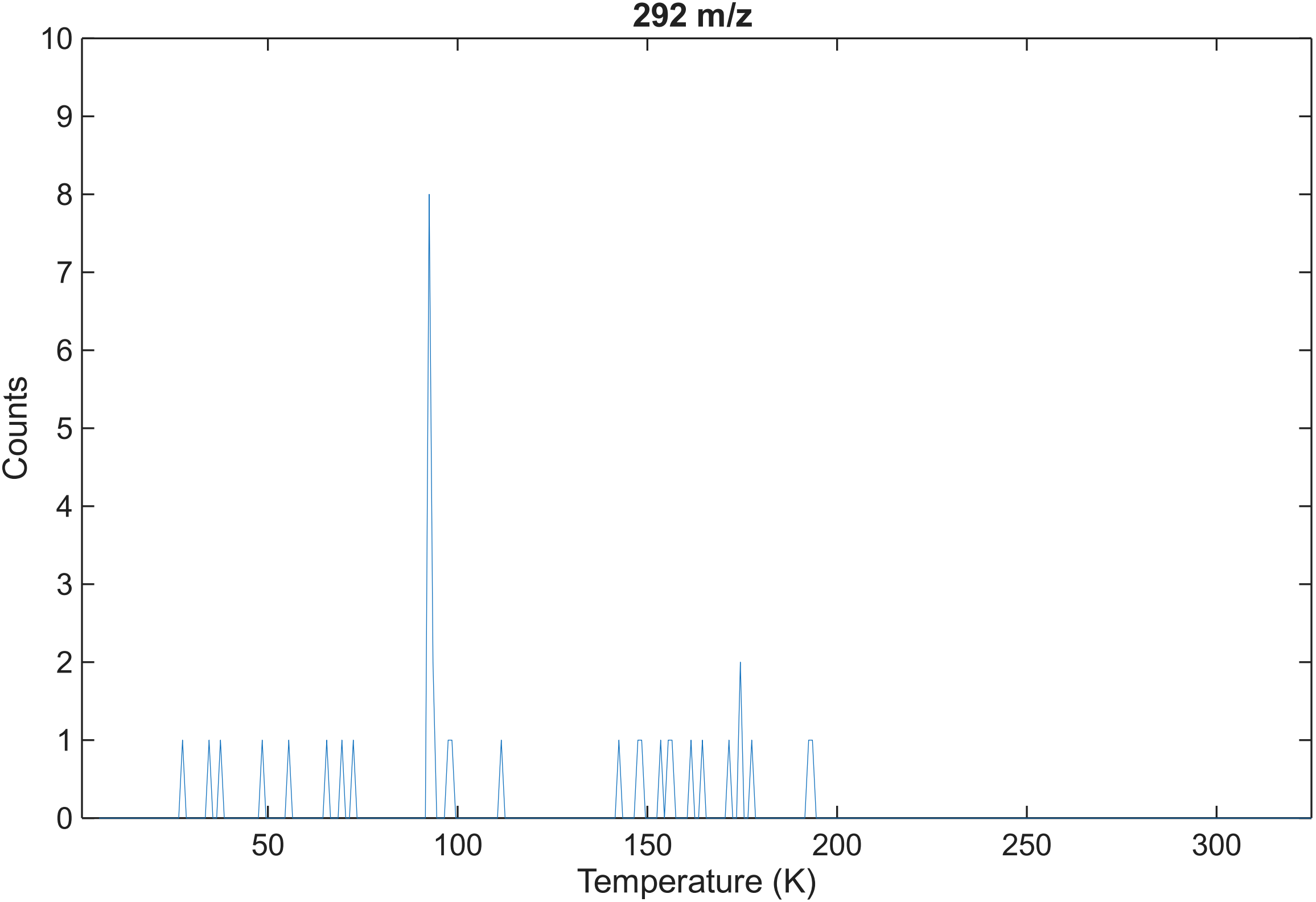

287 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

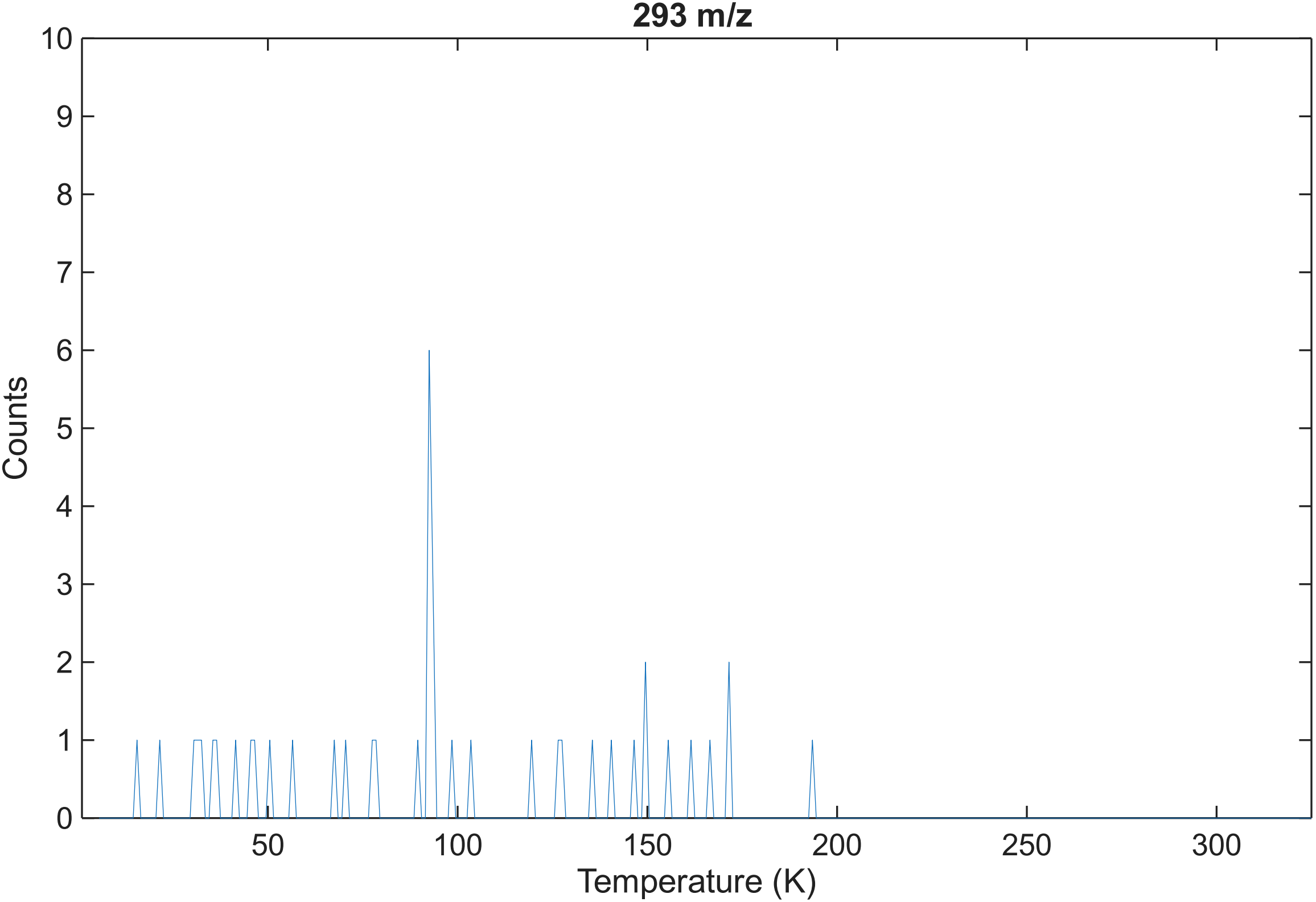

288 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

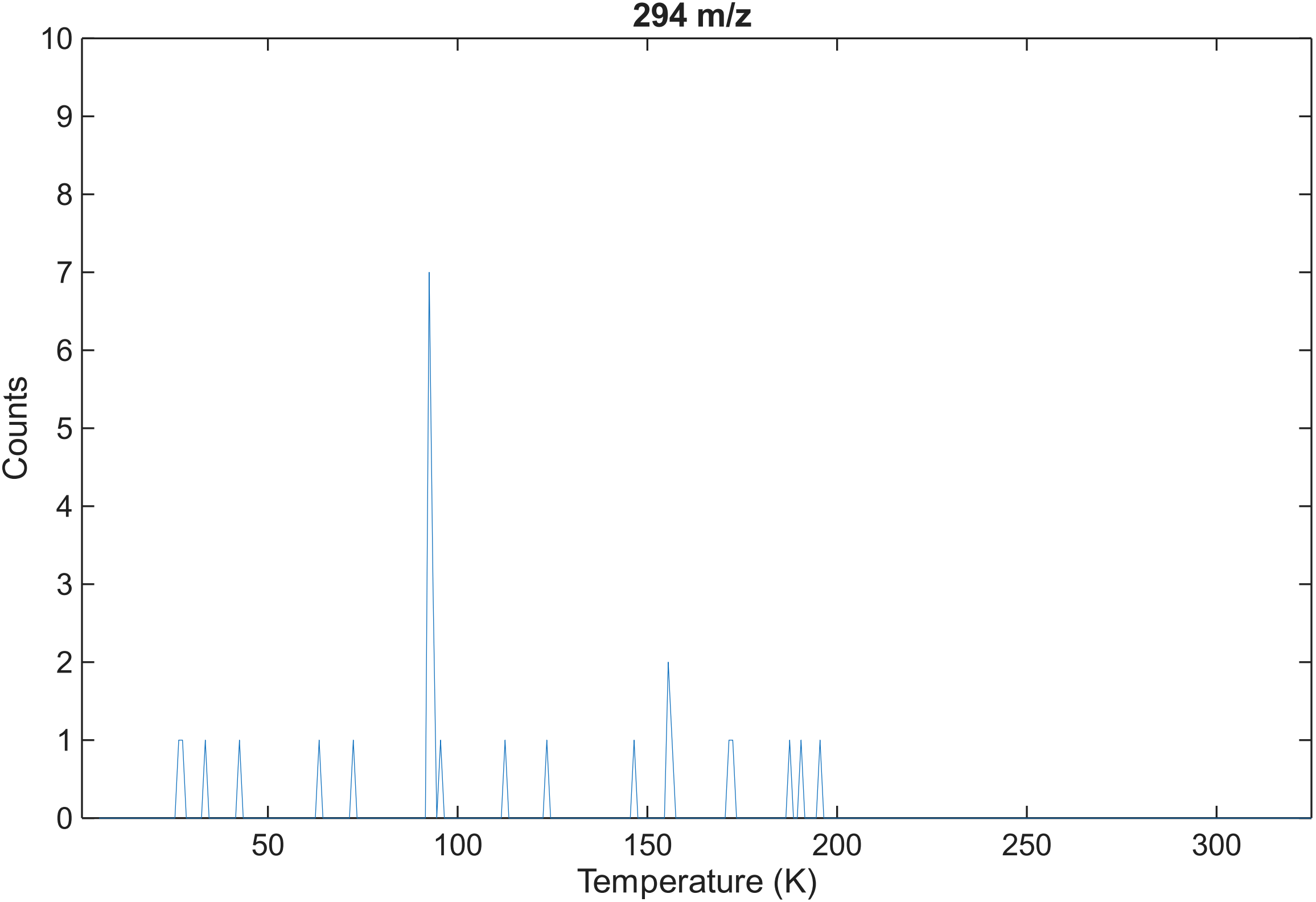

289 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

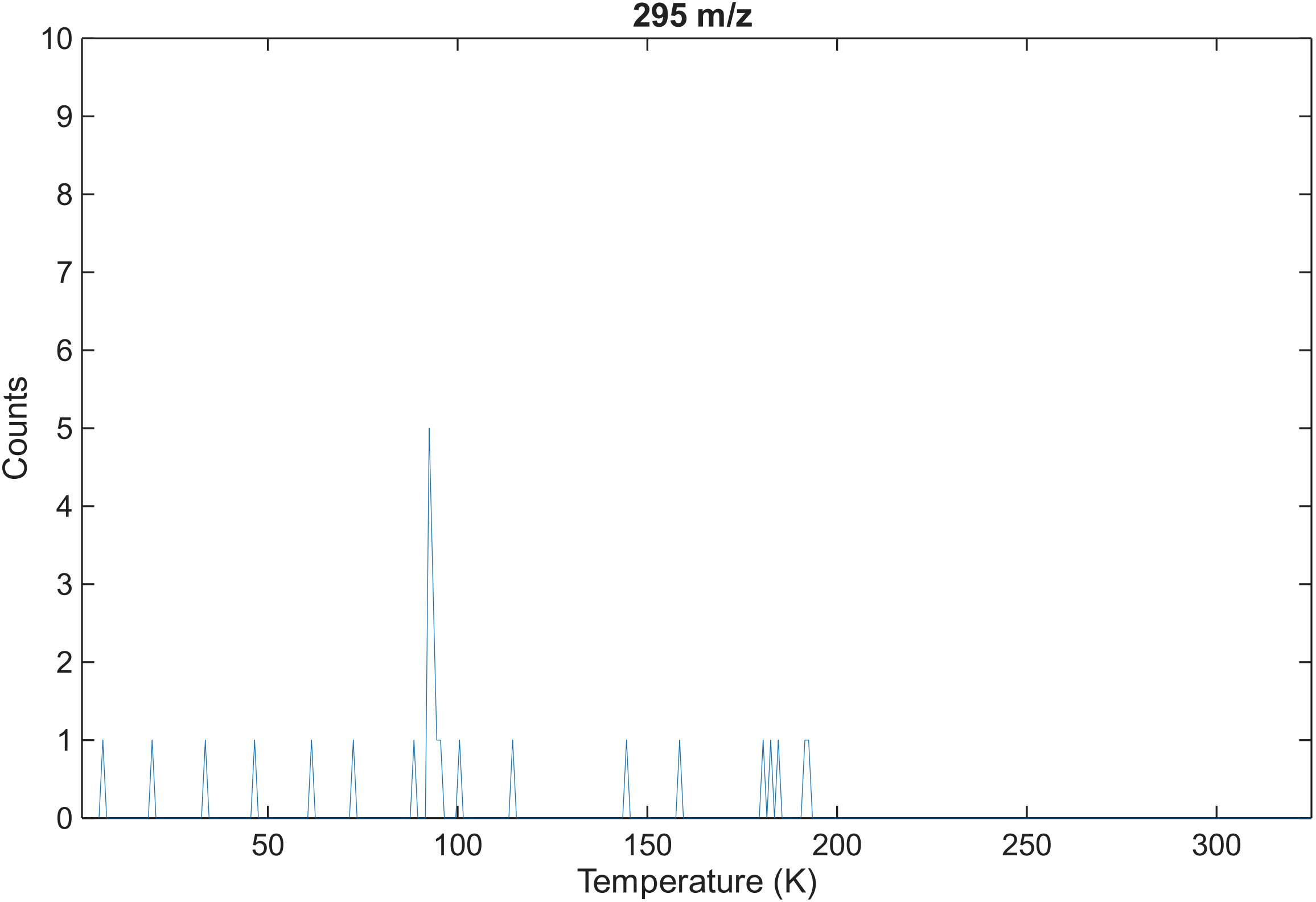

290 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

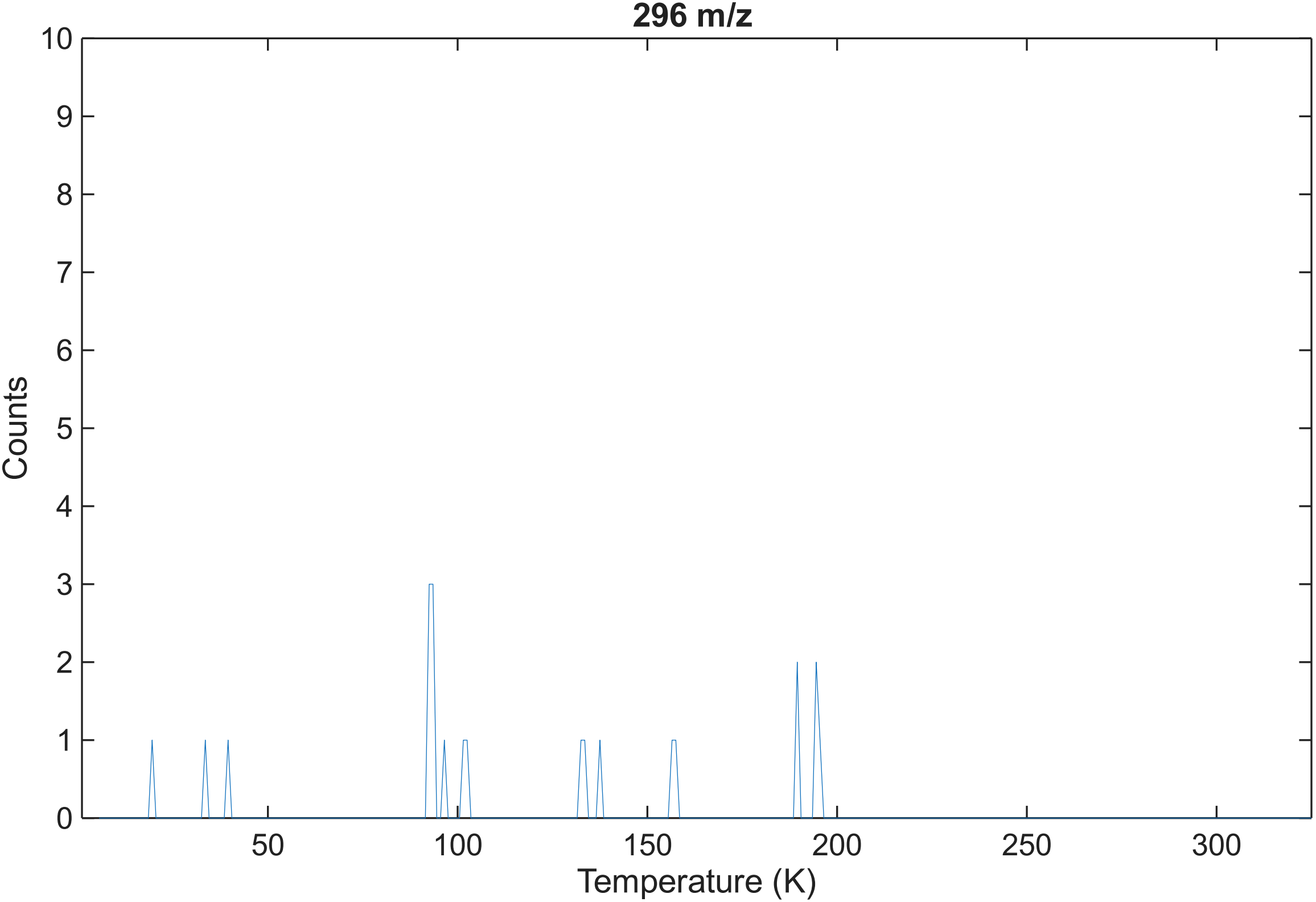

291 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

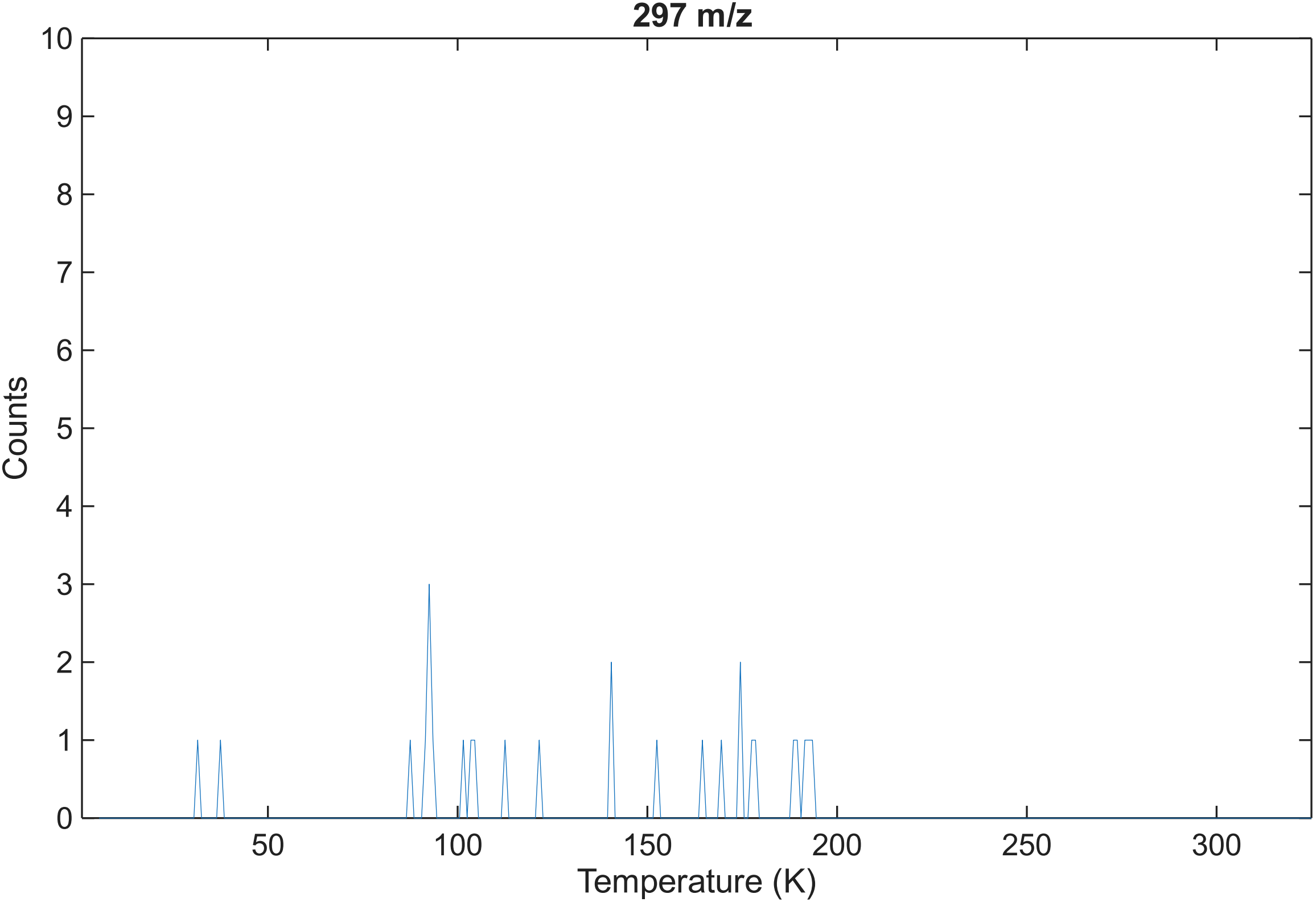

292 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

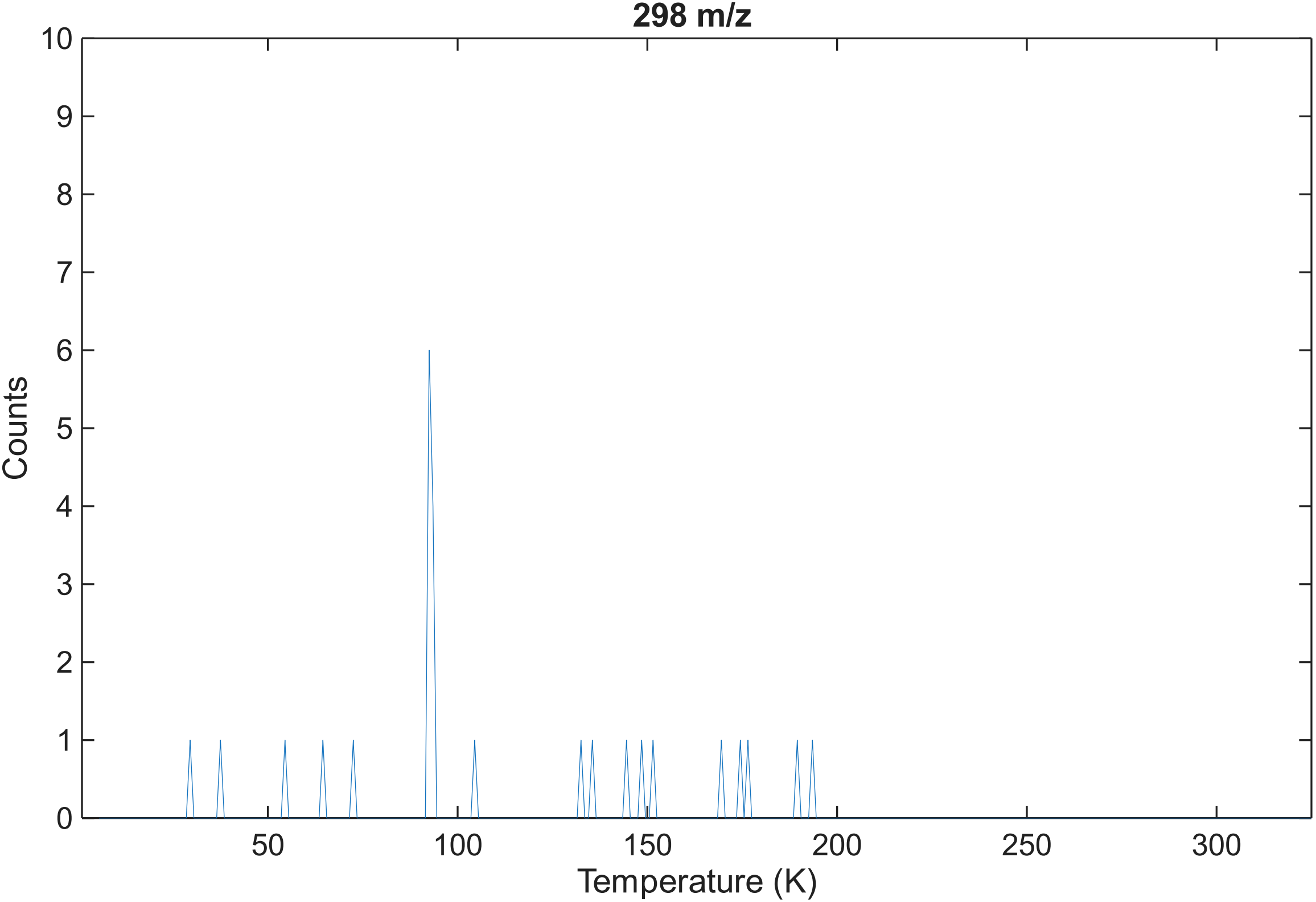

293 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

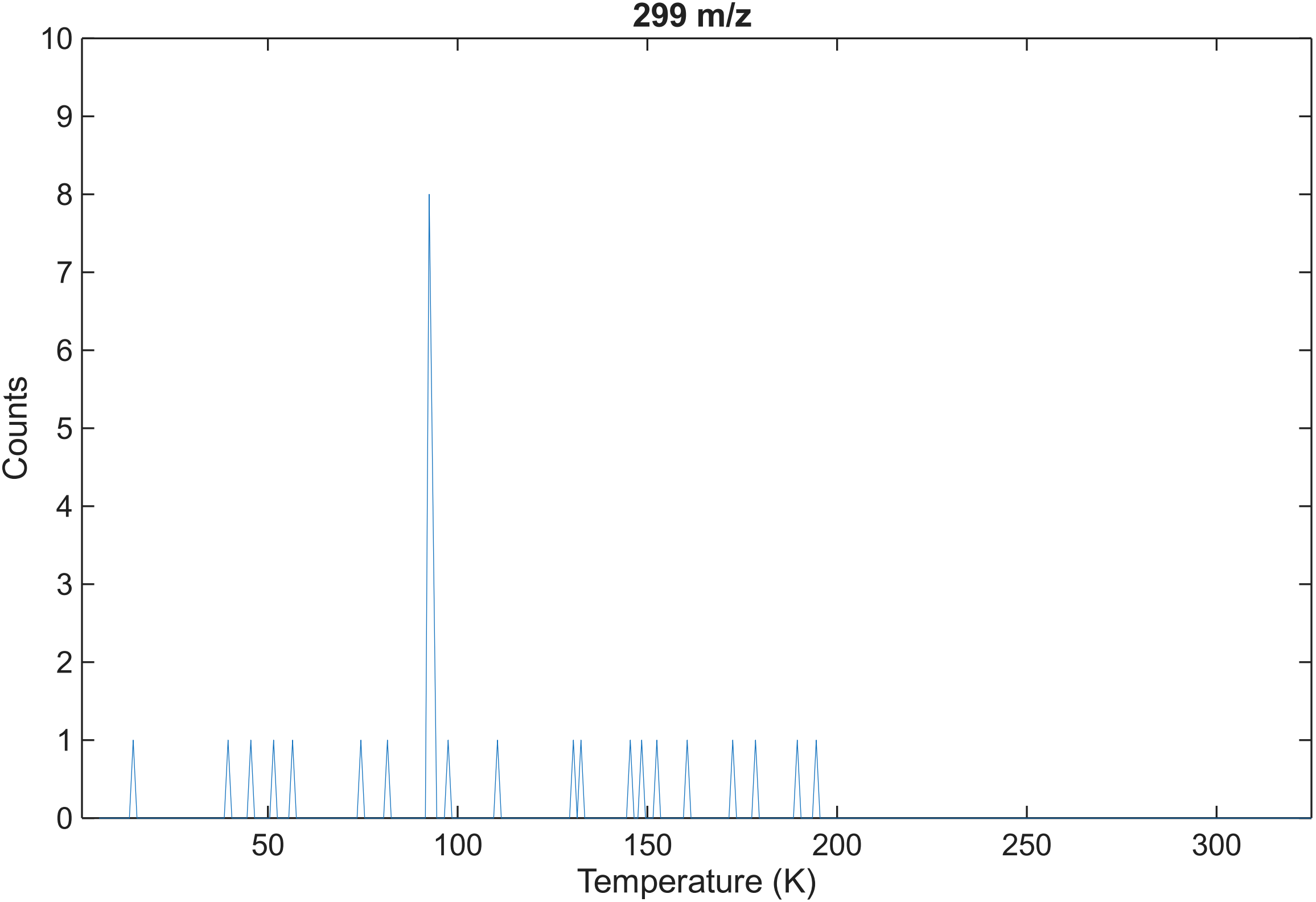

294 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

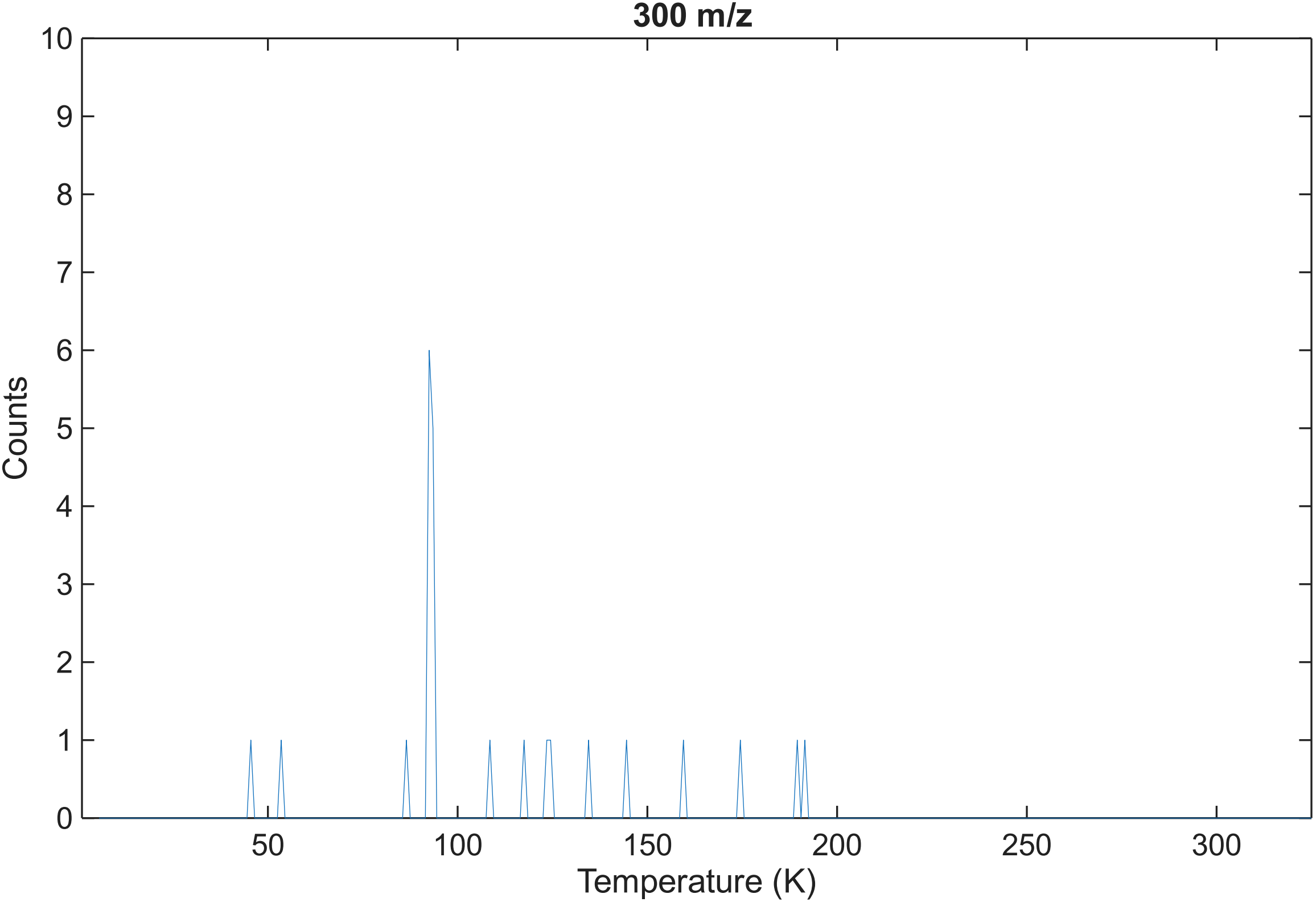

295 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

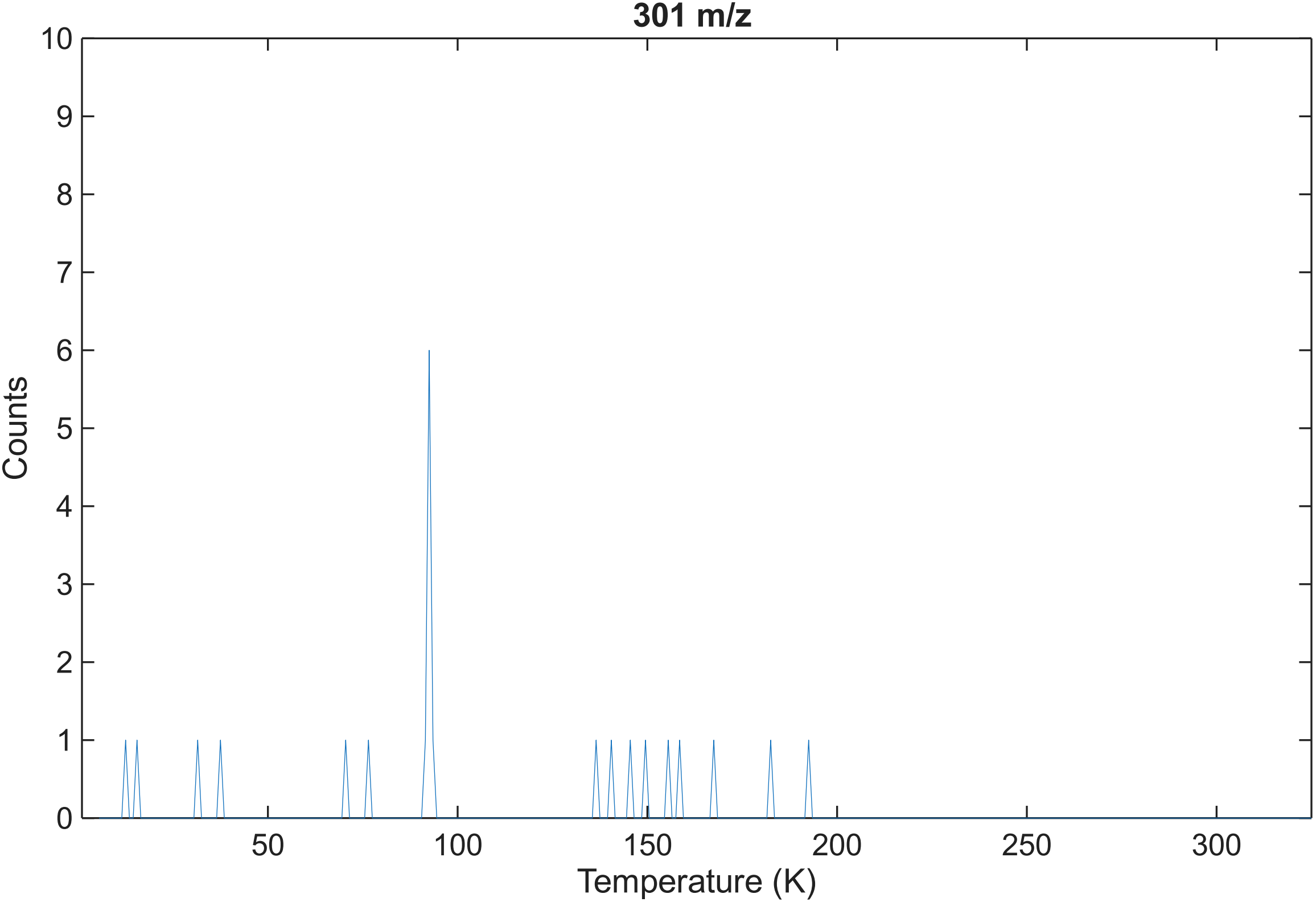

296 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

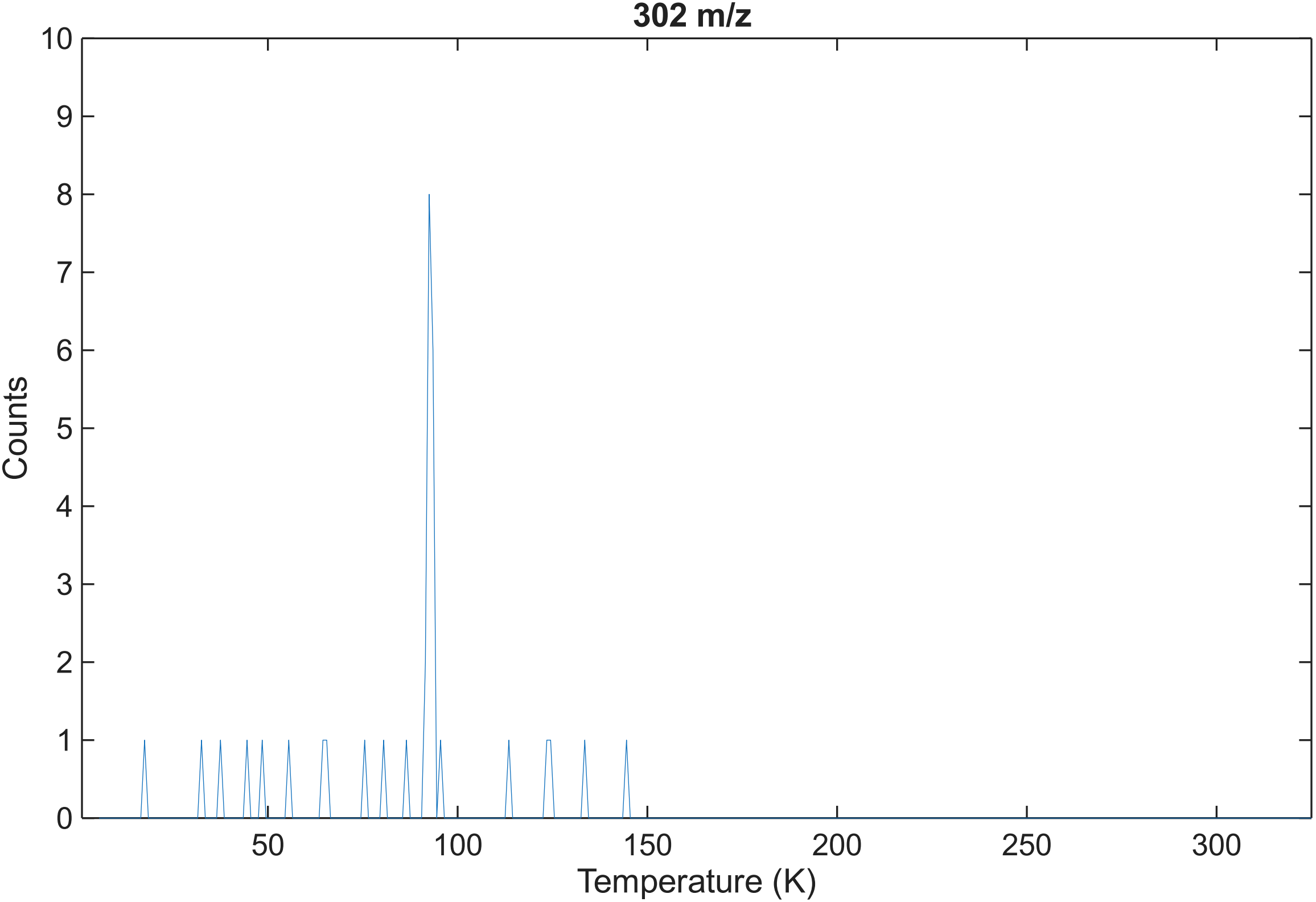

297 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

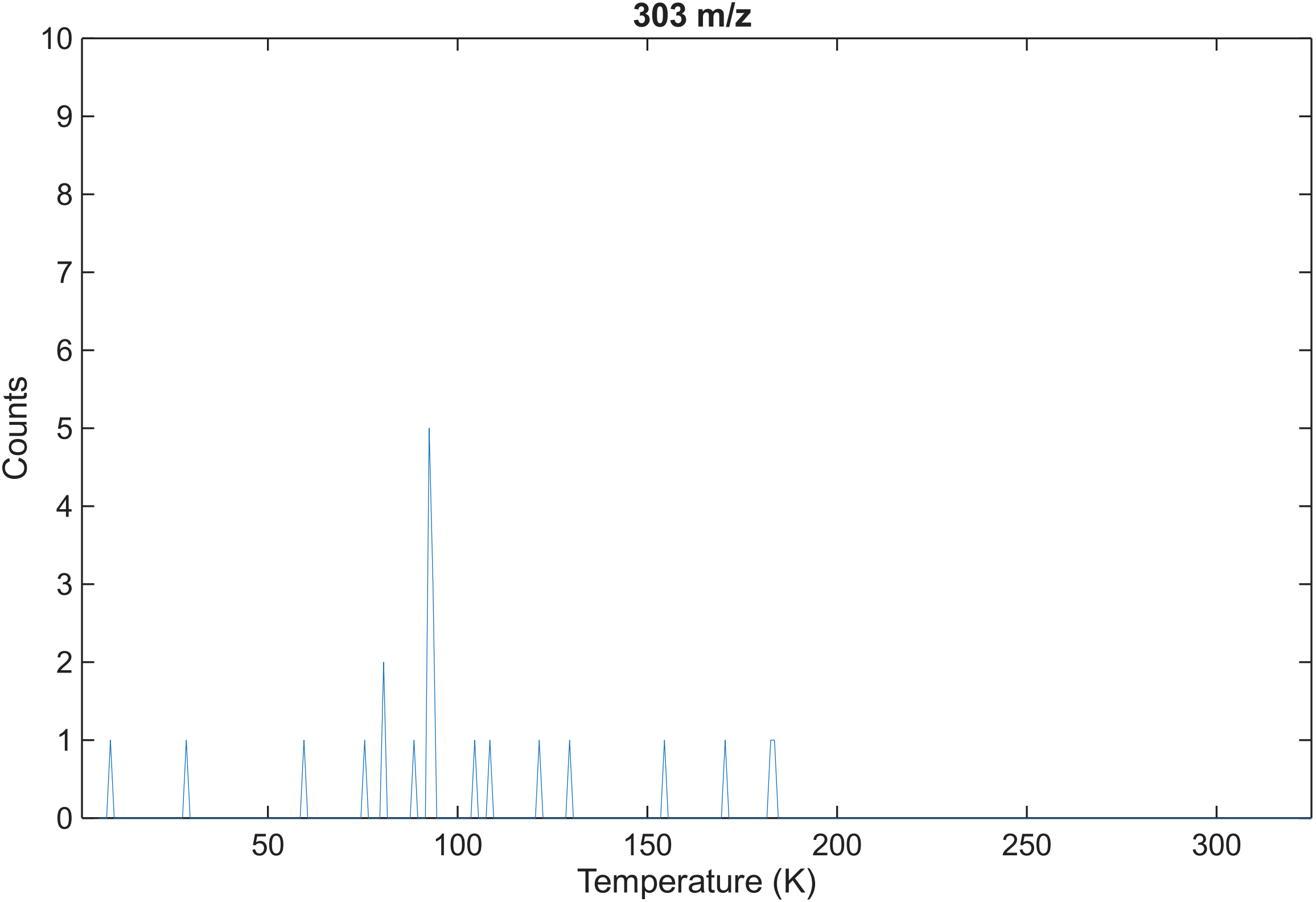

298 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

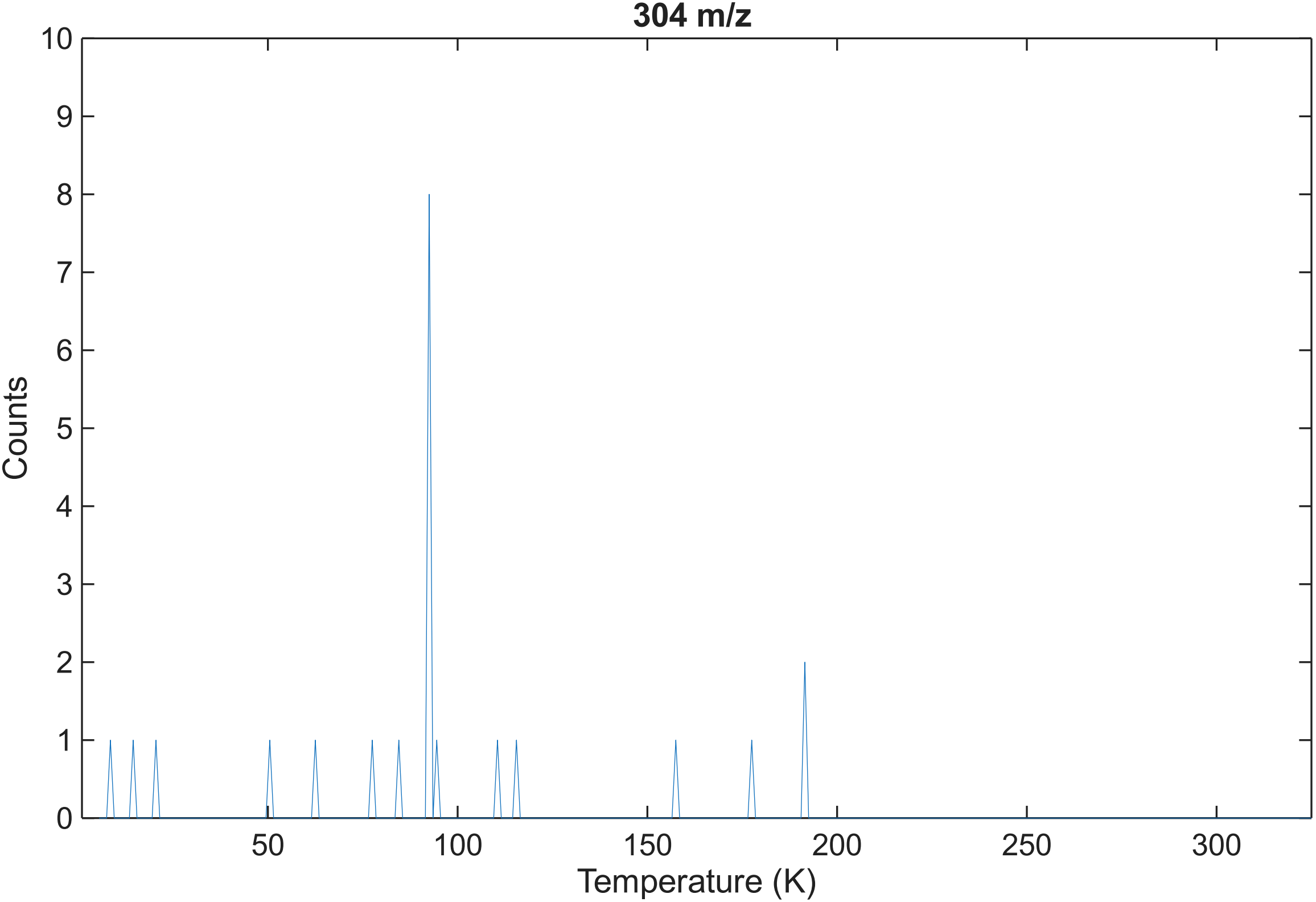

299 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

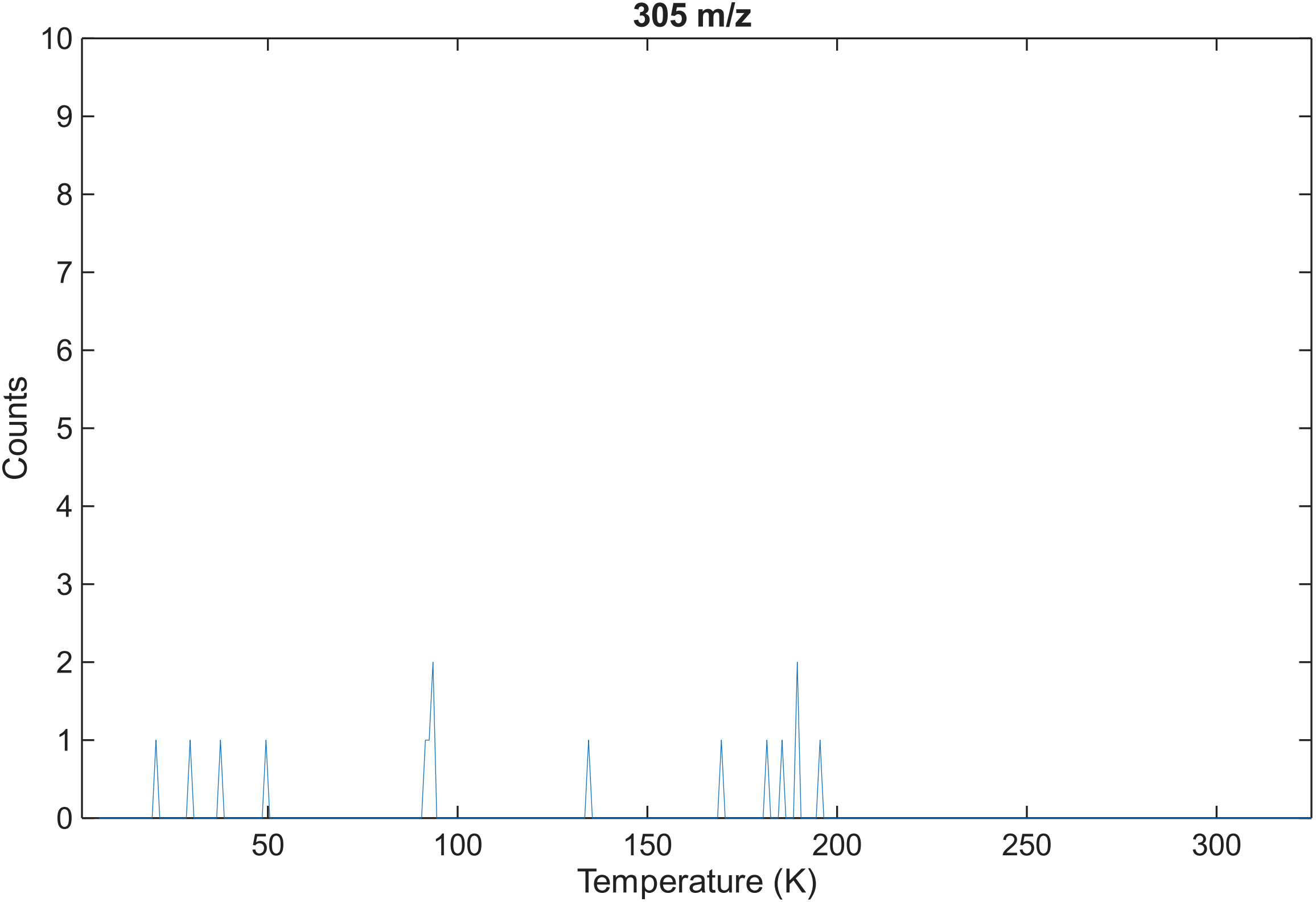

300 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

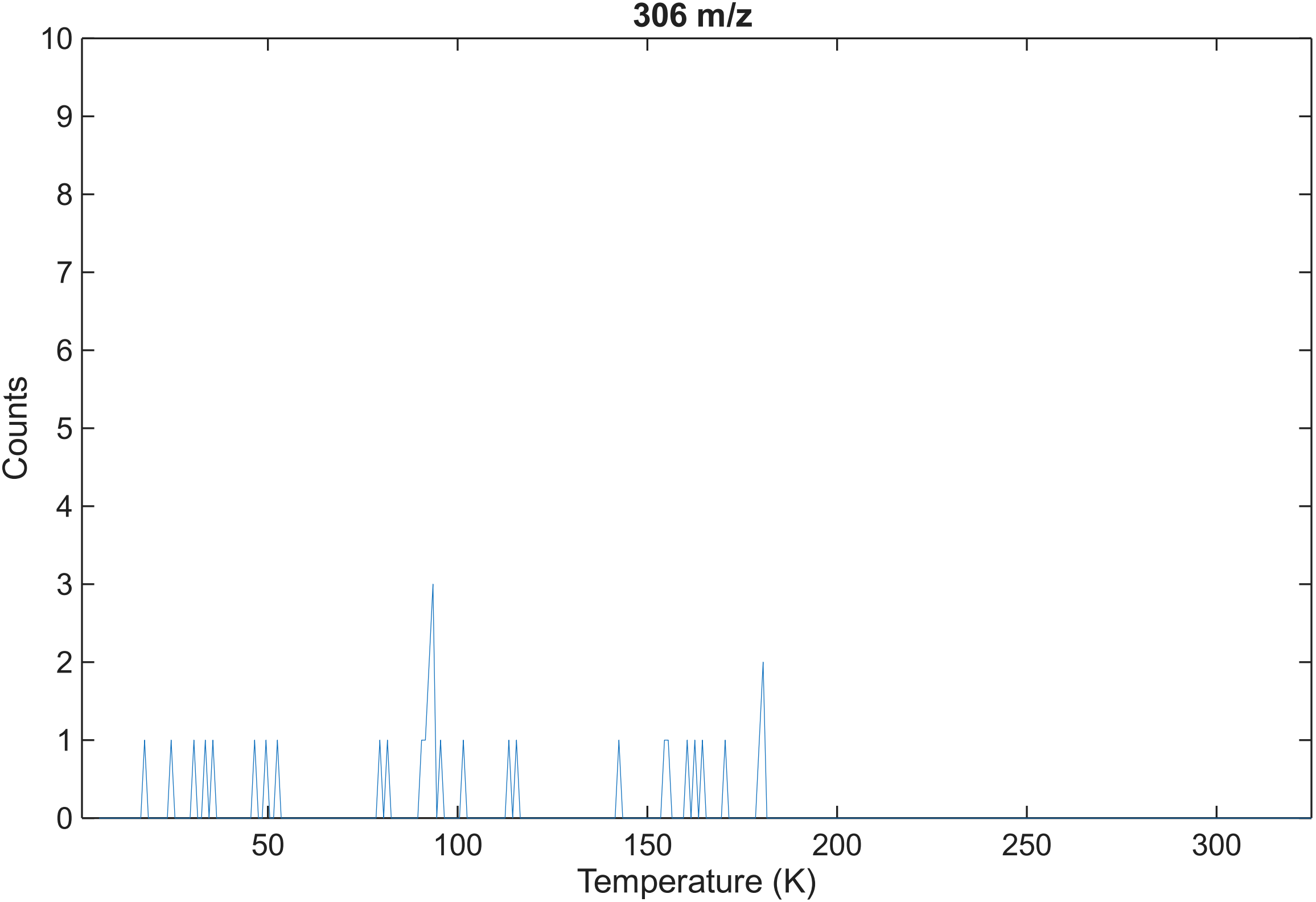

301 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

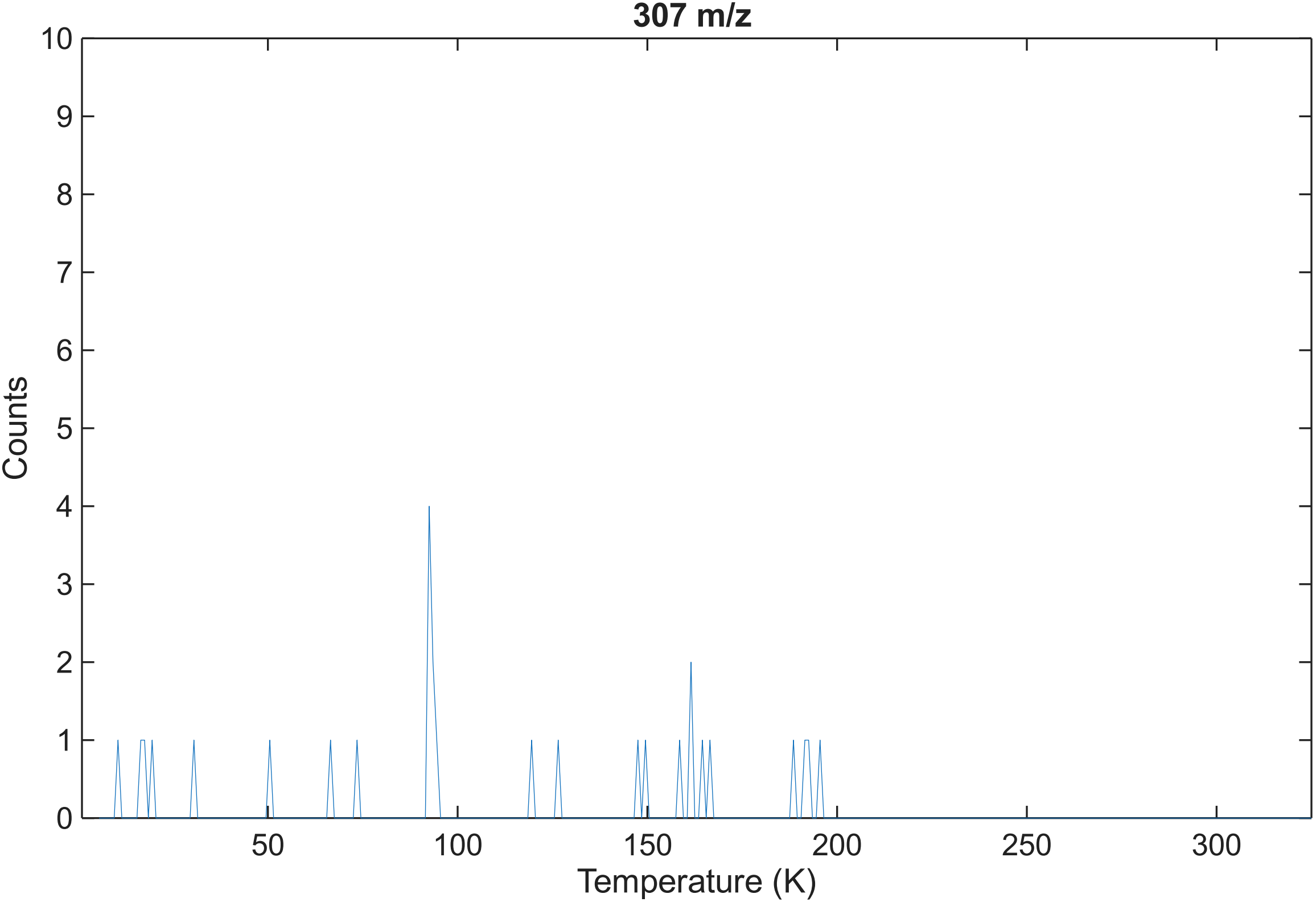

302 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

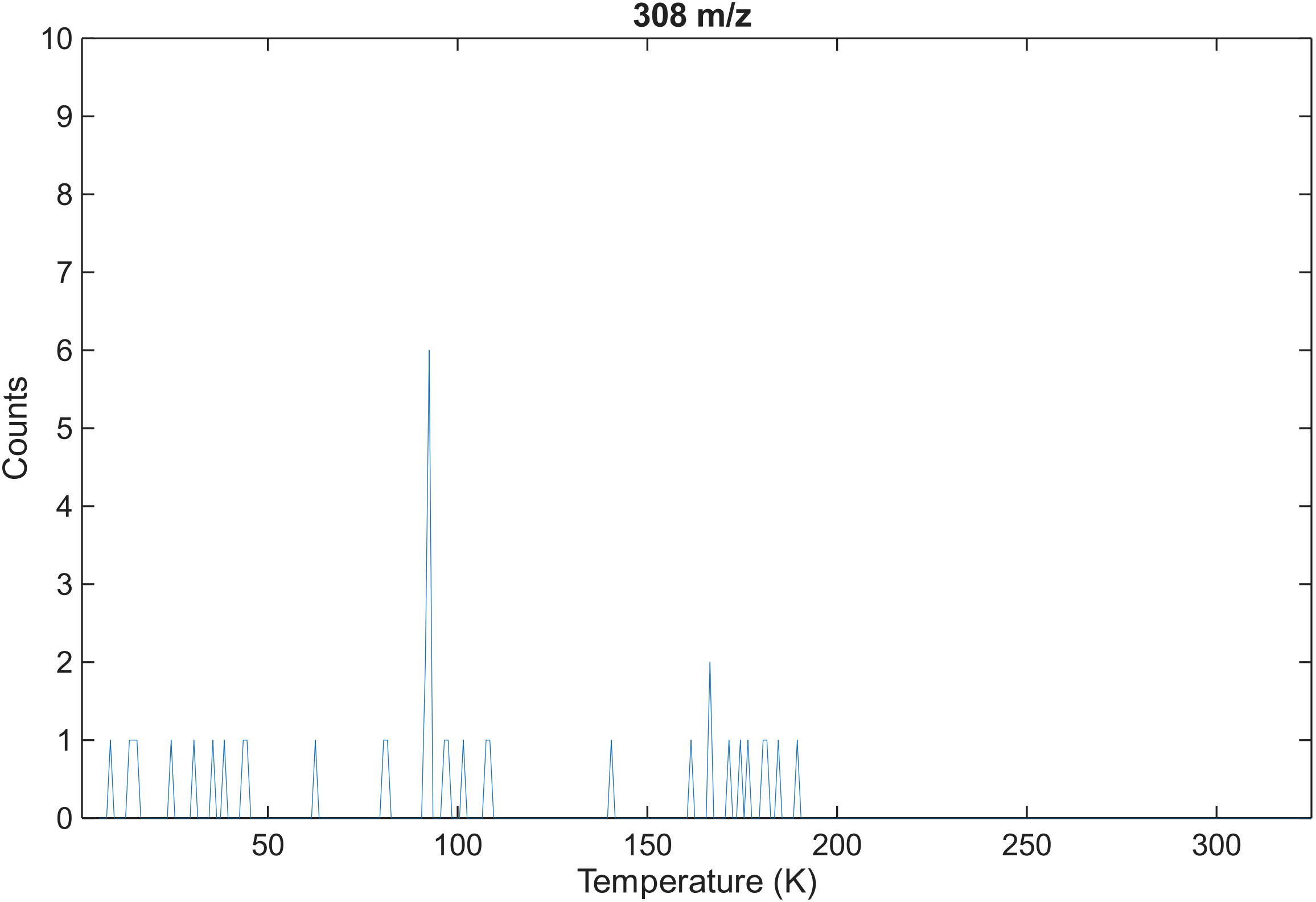

303 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

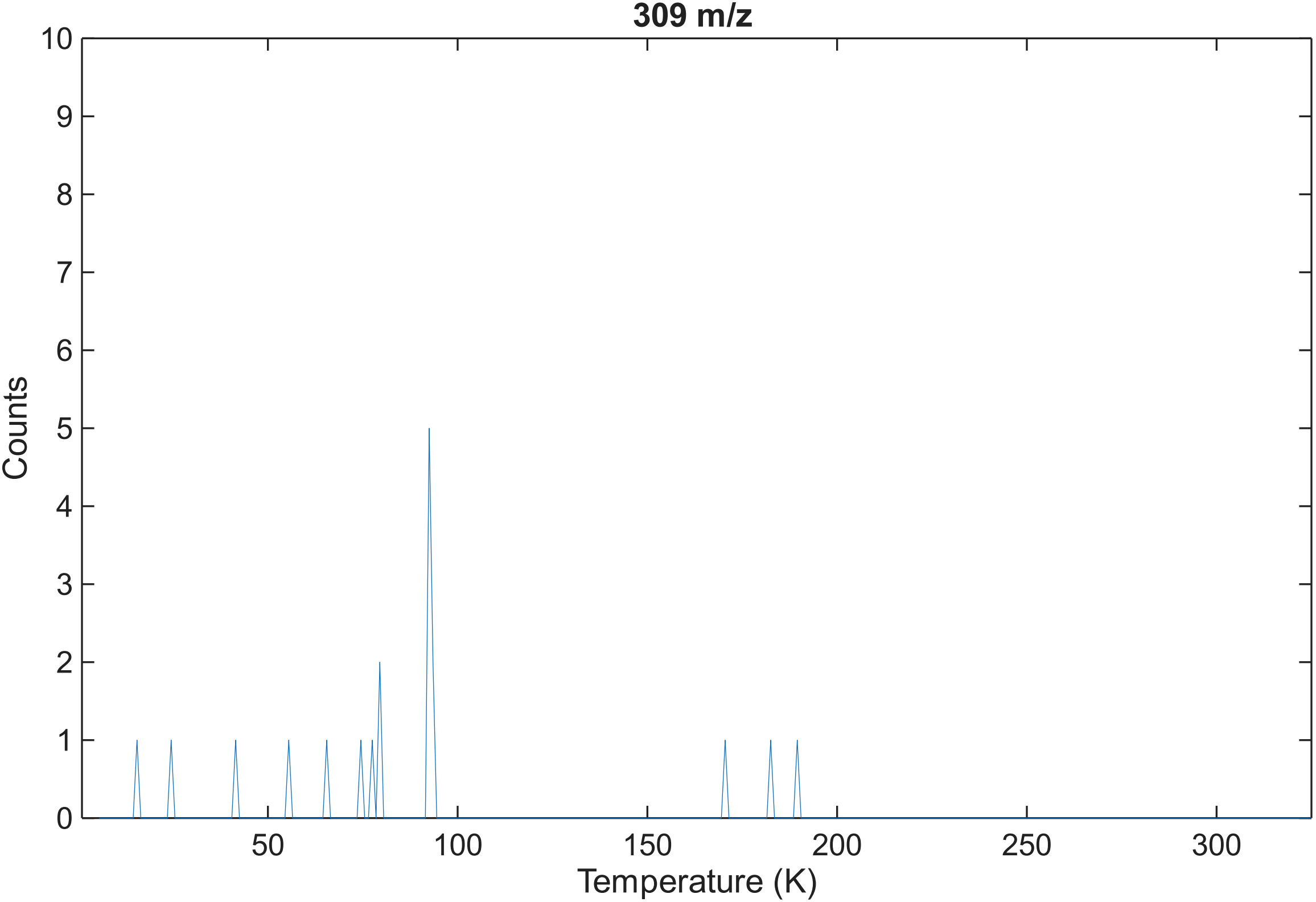

304 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

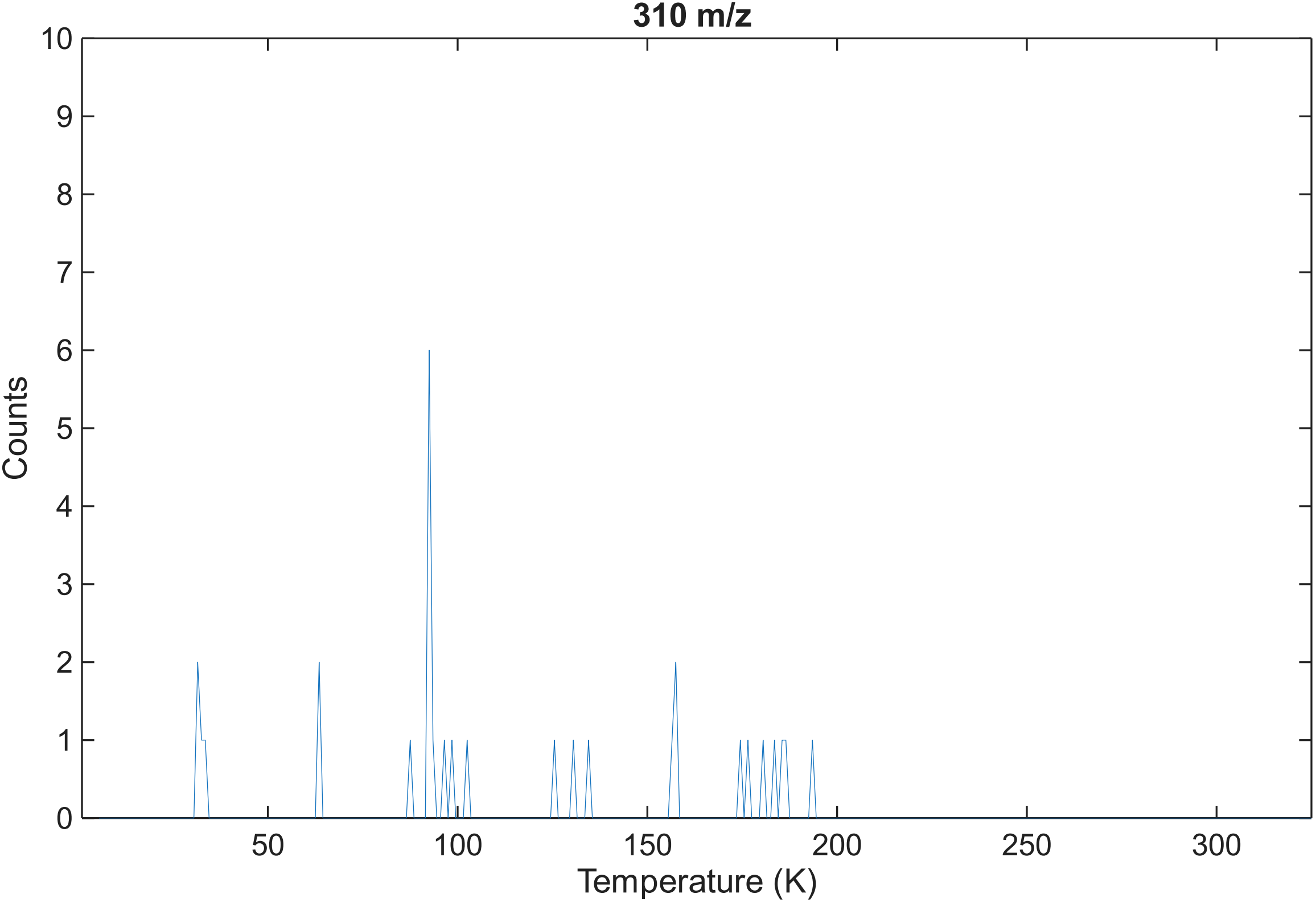

305 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

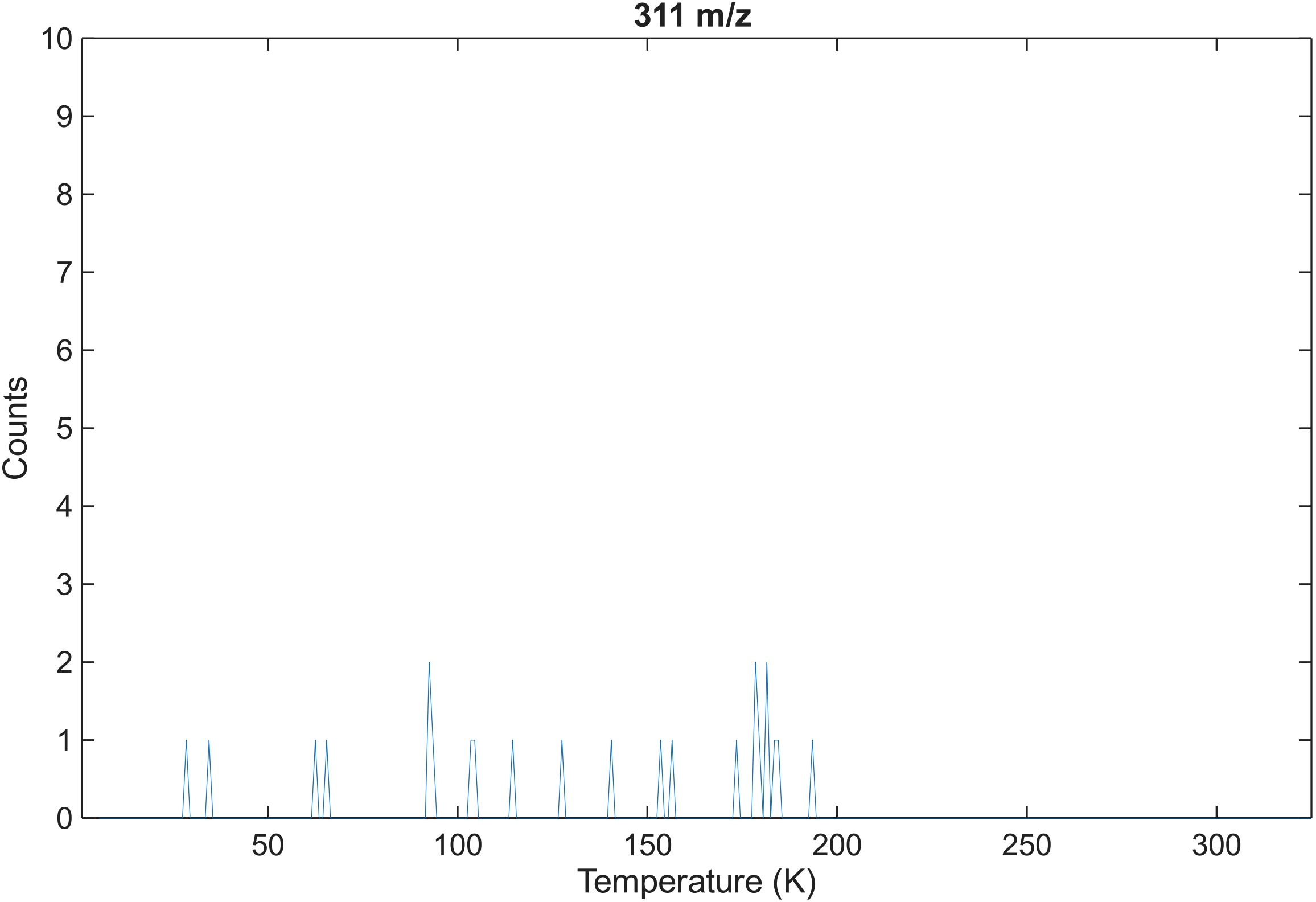

306 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

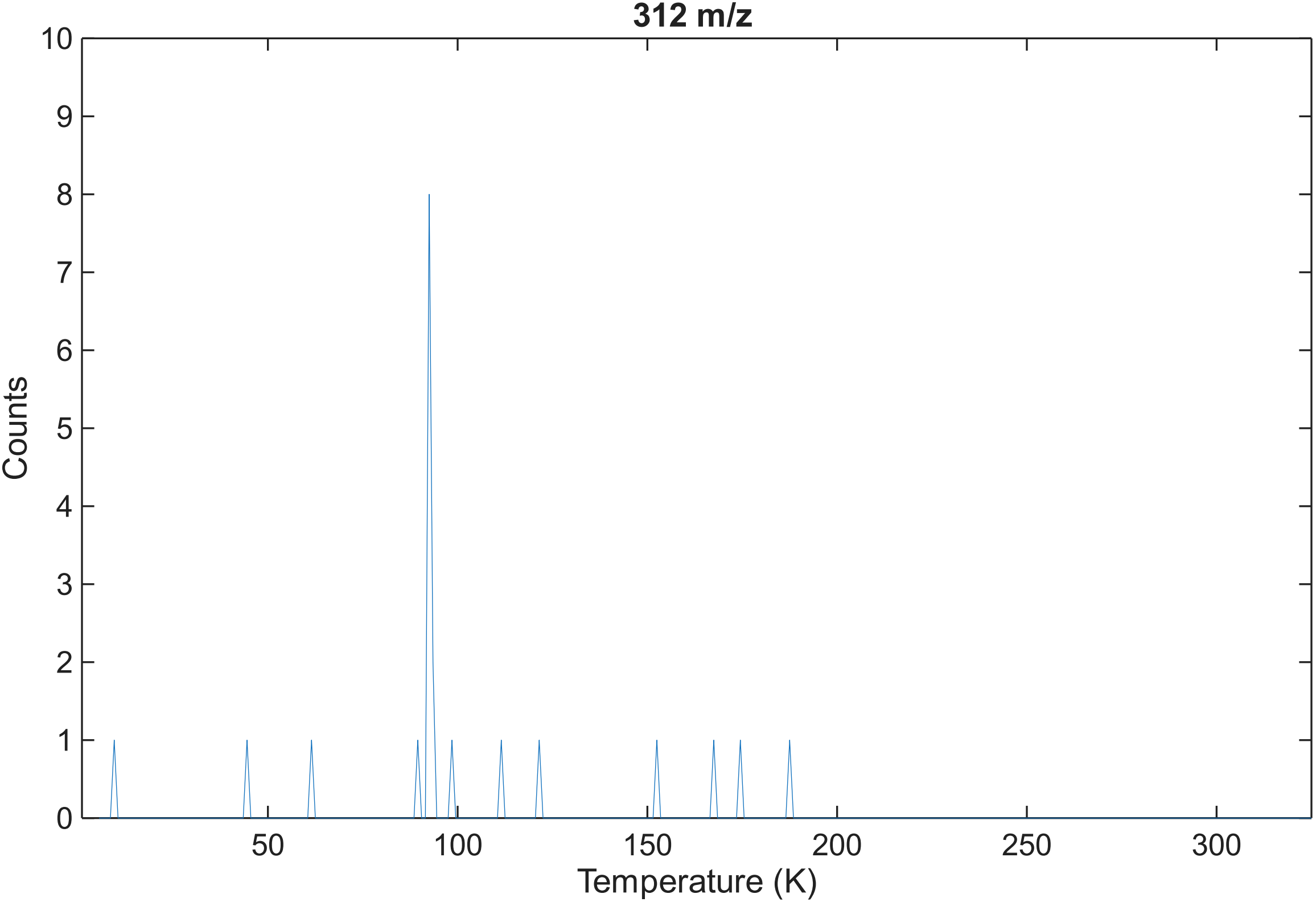

307 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

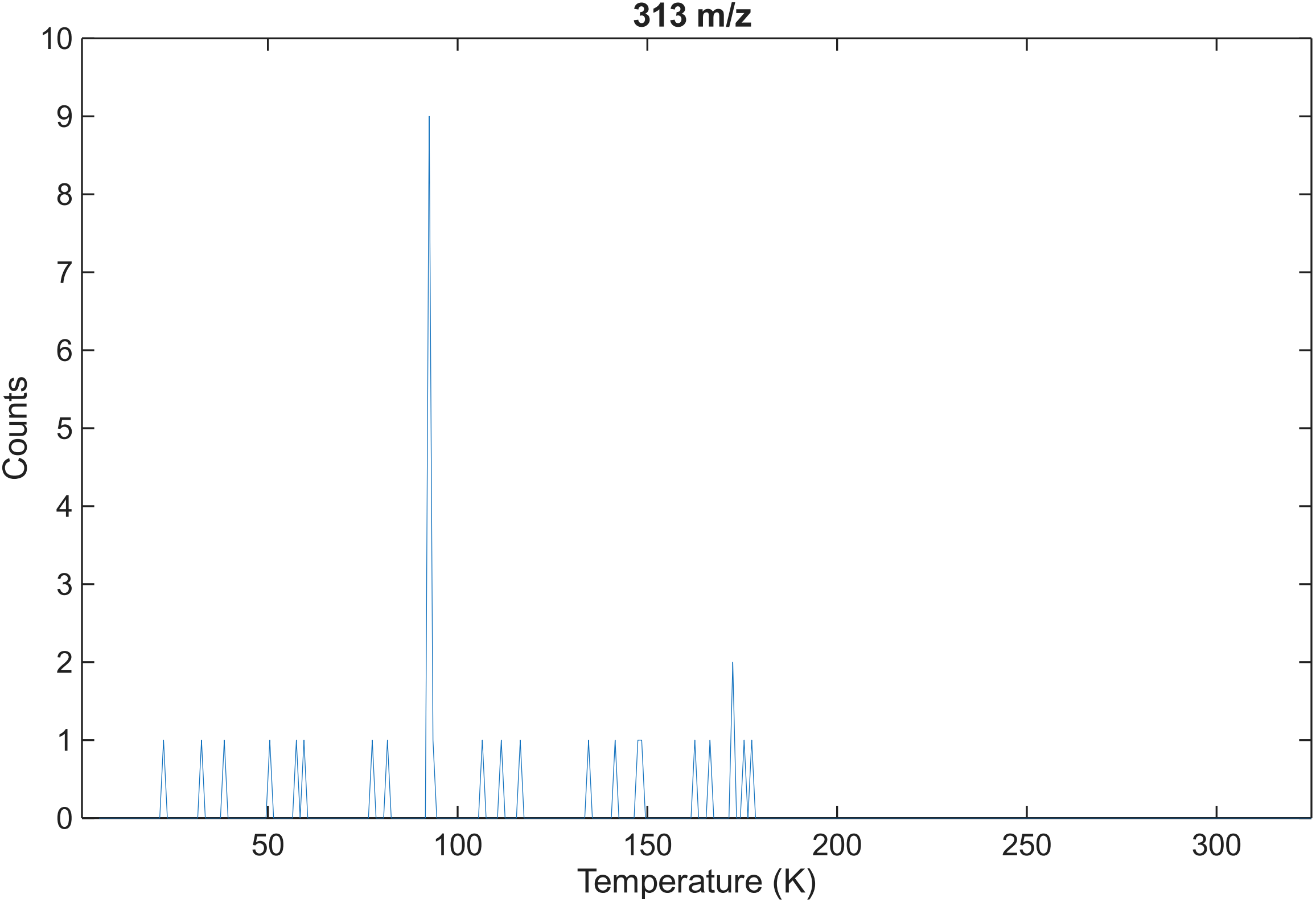

308 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

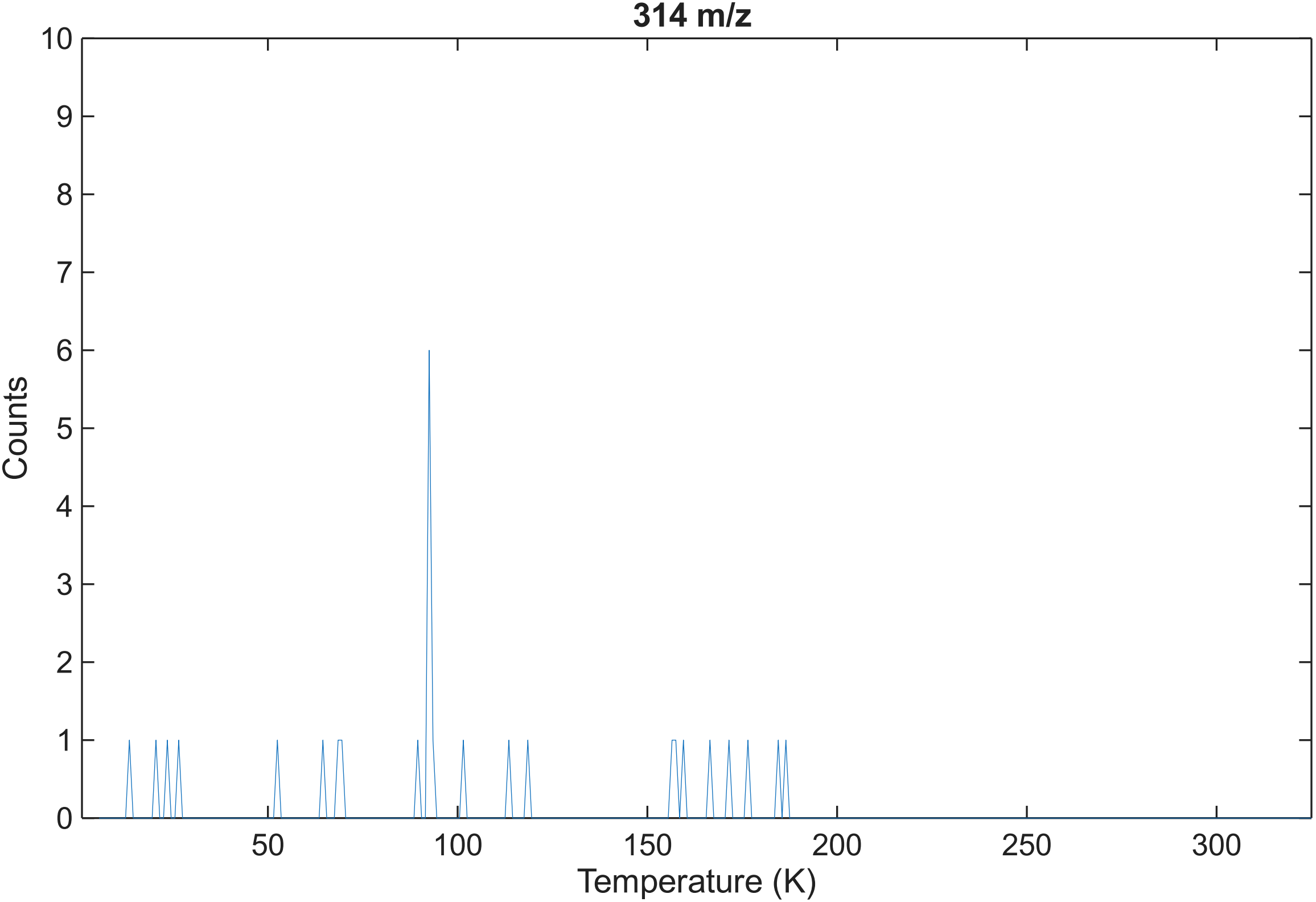

309 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

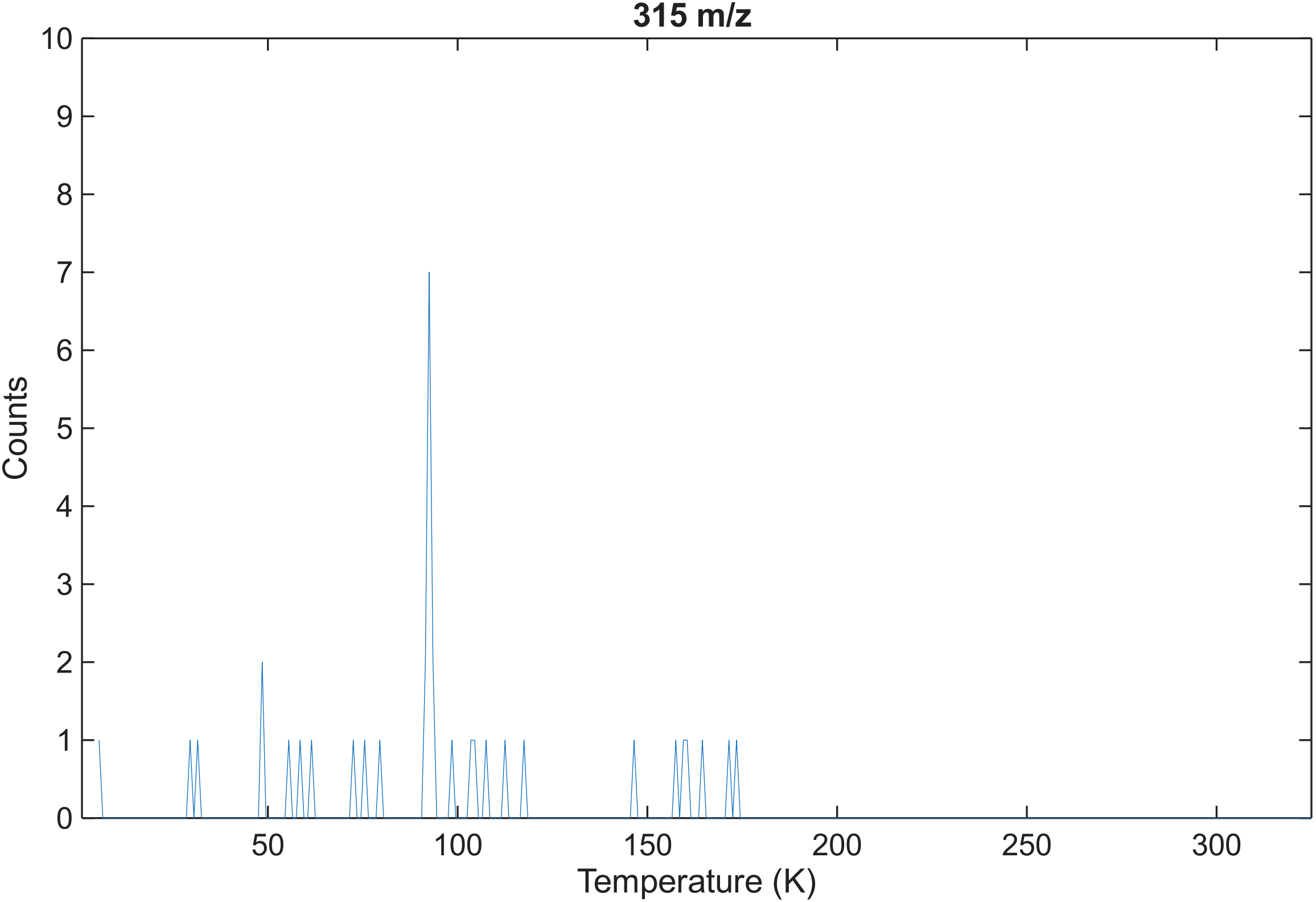

310 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

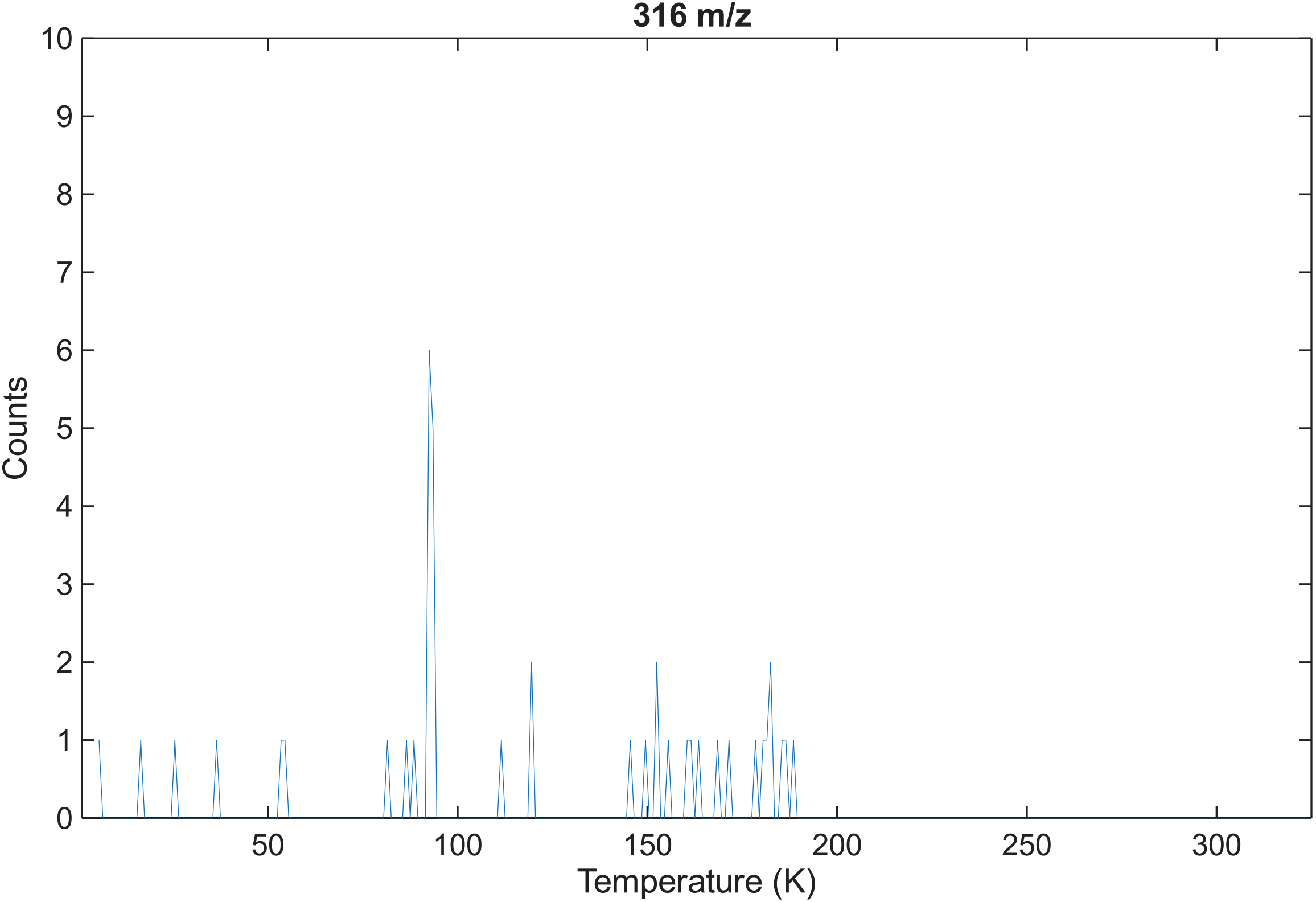

311 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

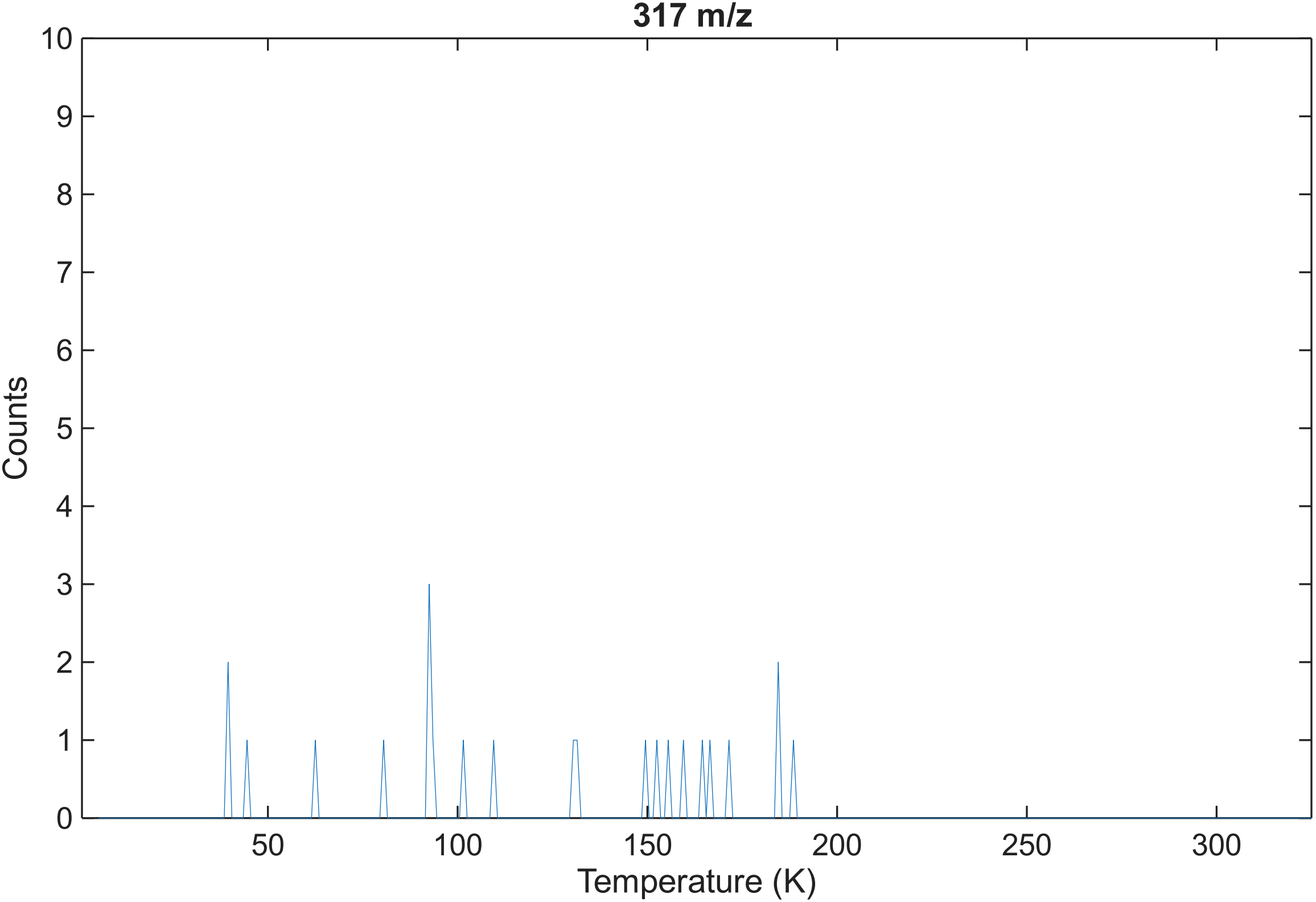

312 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

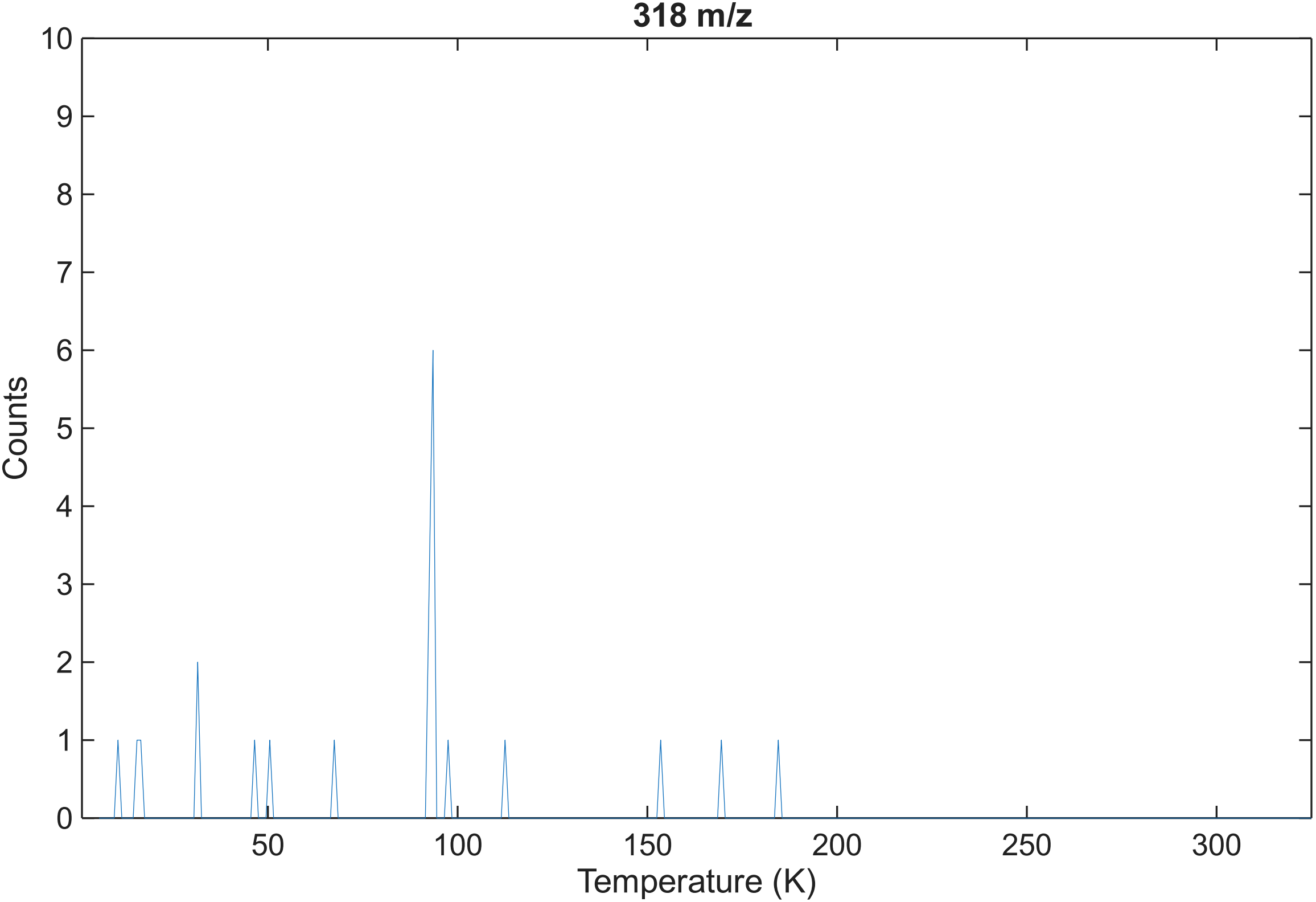

313 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

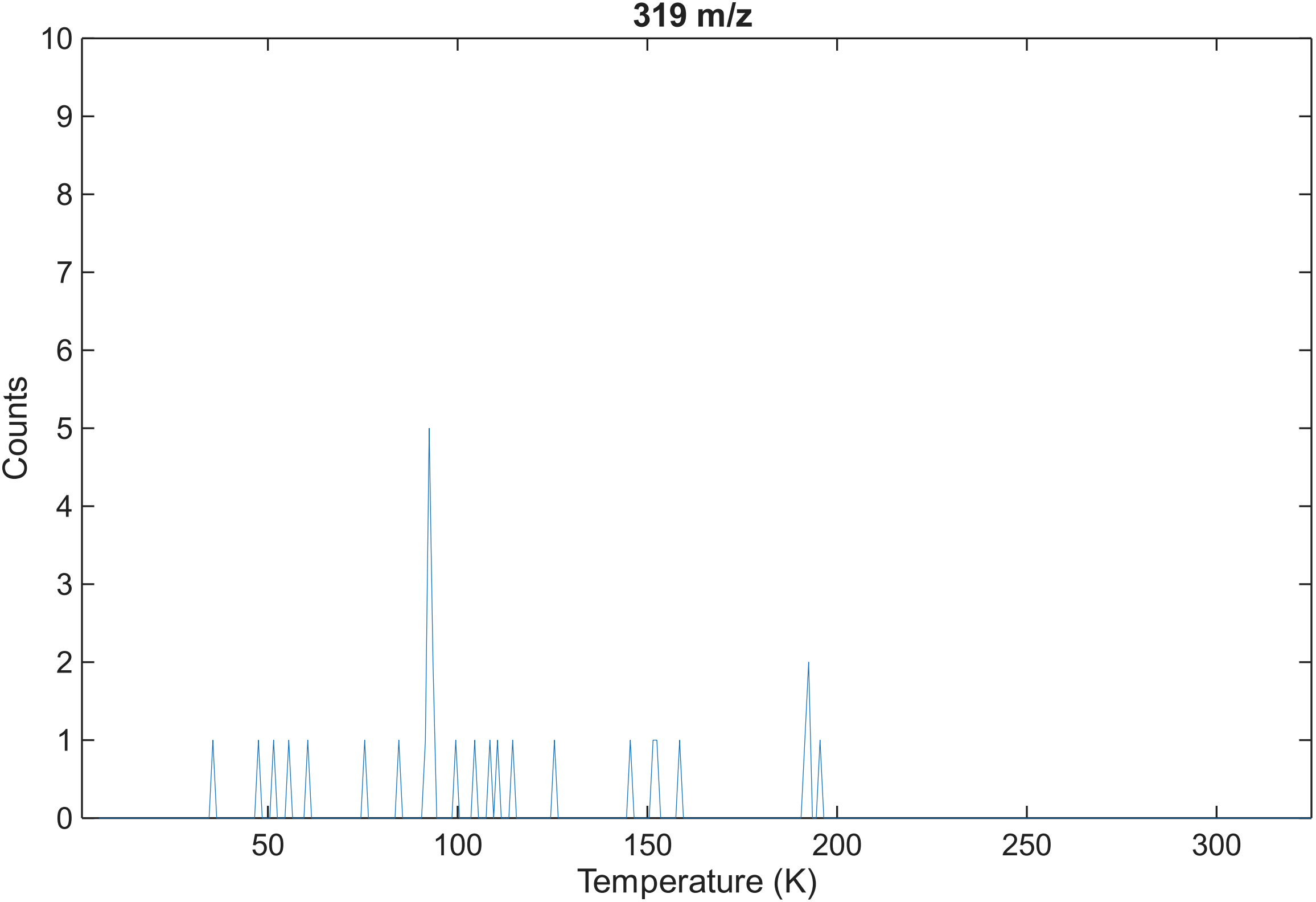

314 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

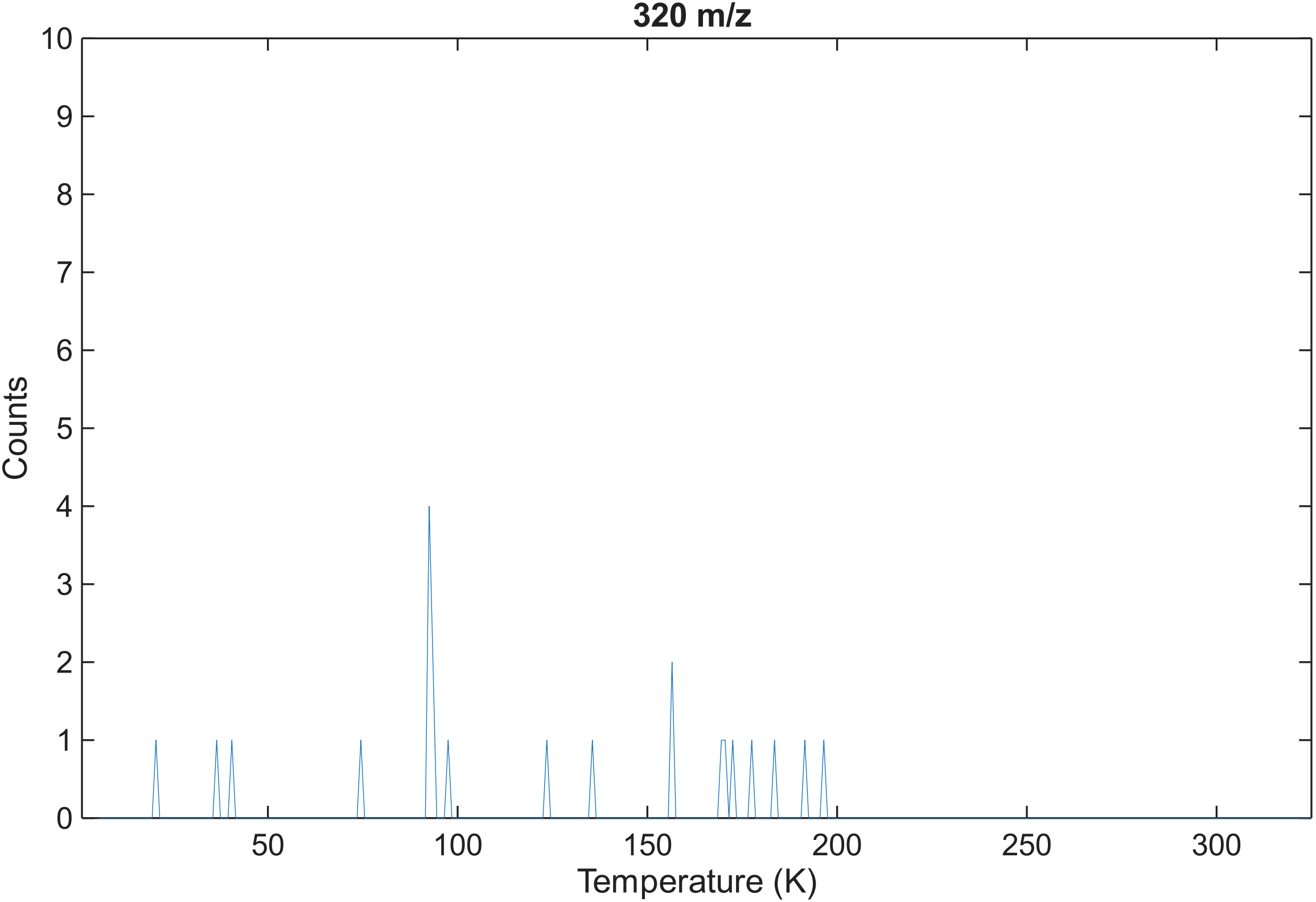

315 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

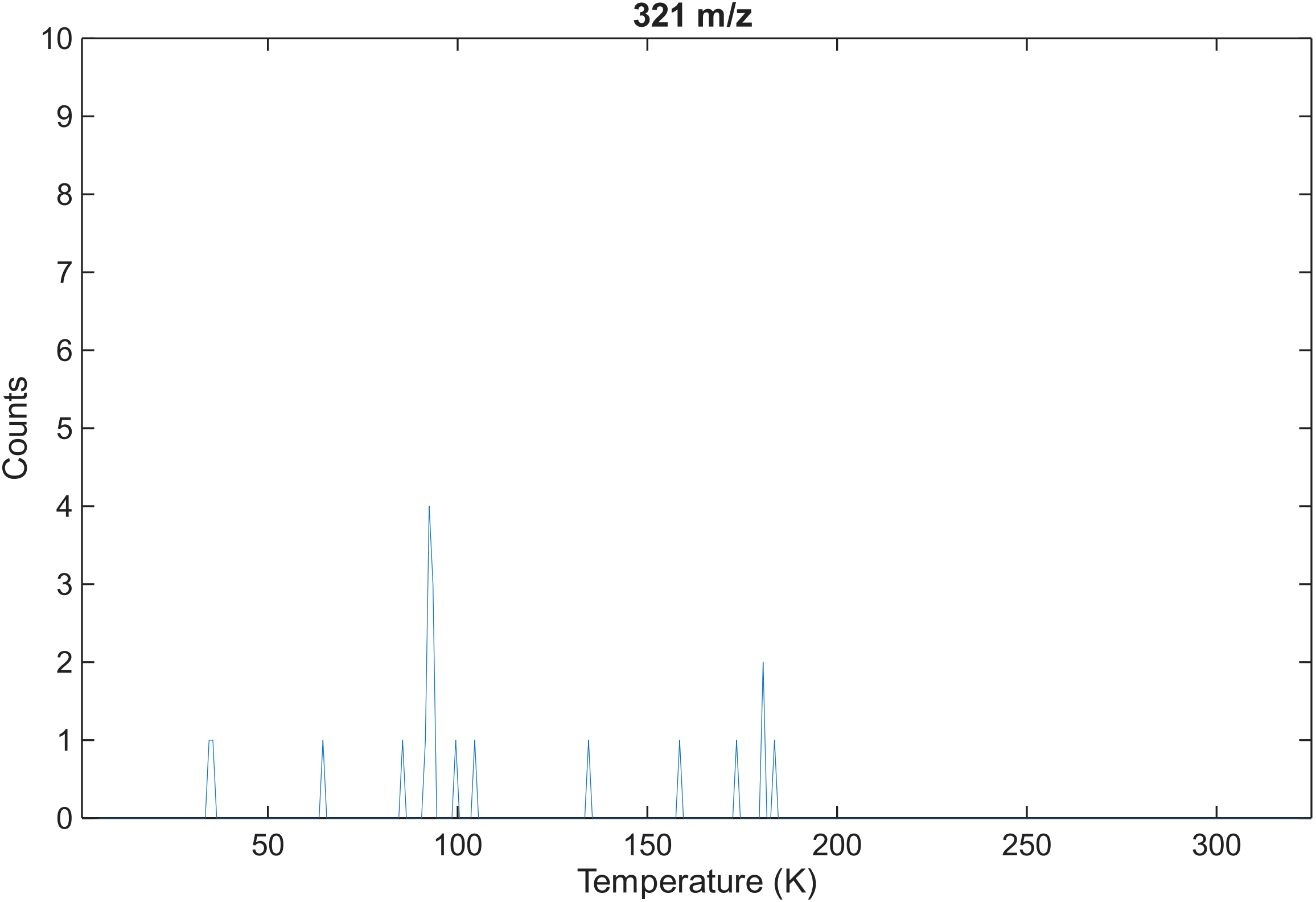

316 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

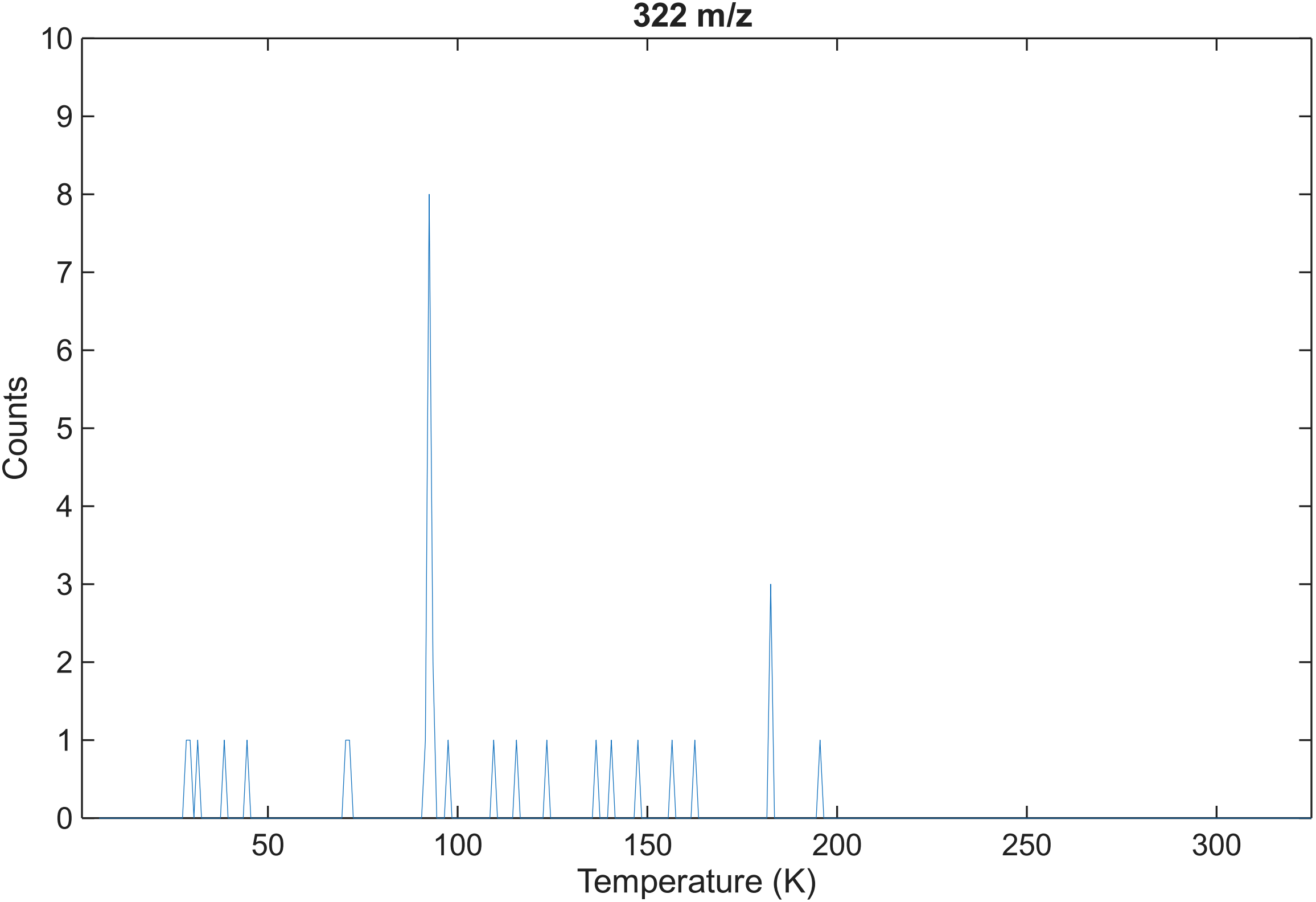

317 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

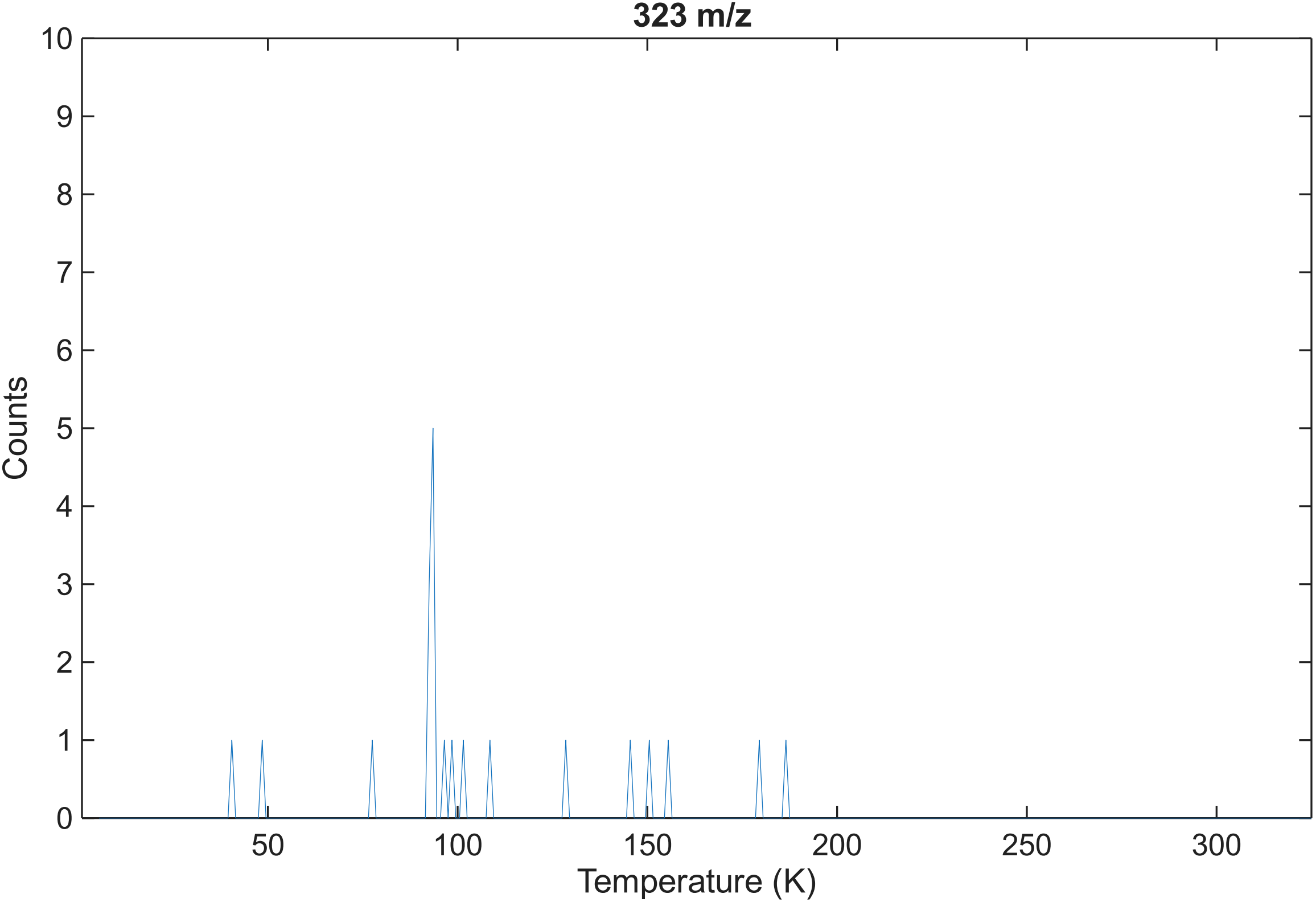

318 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

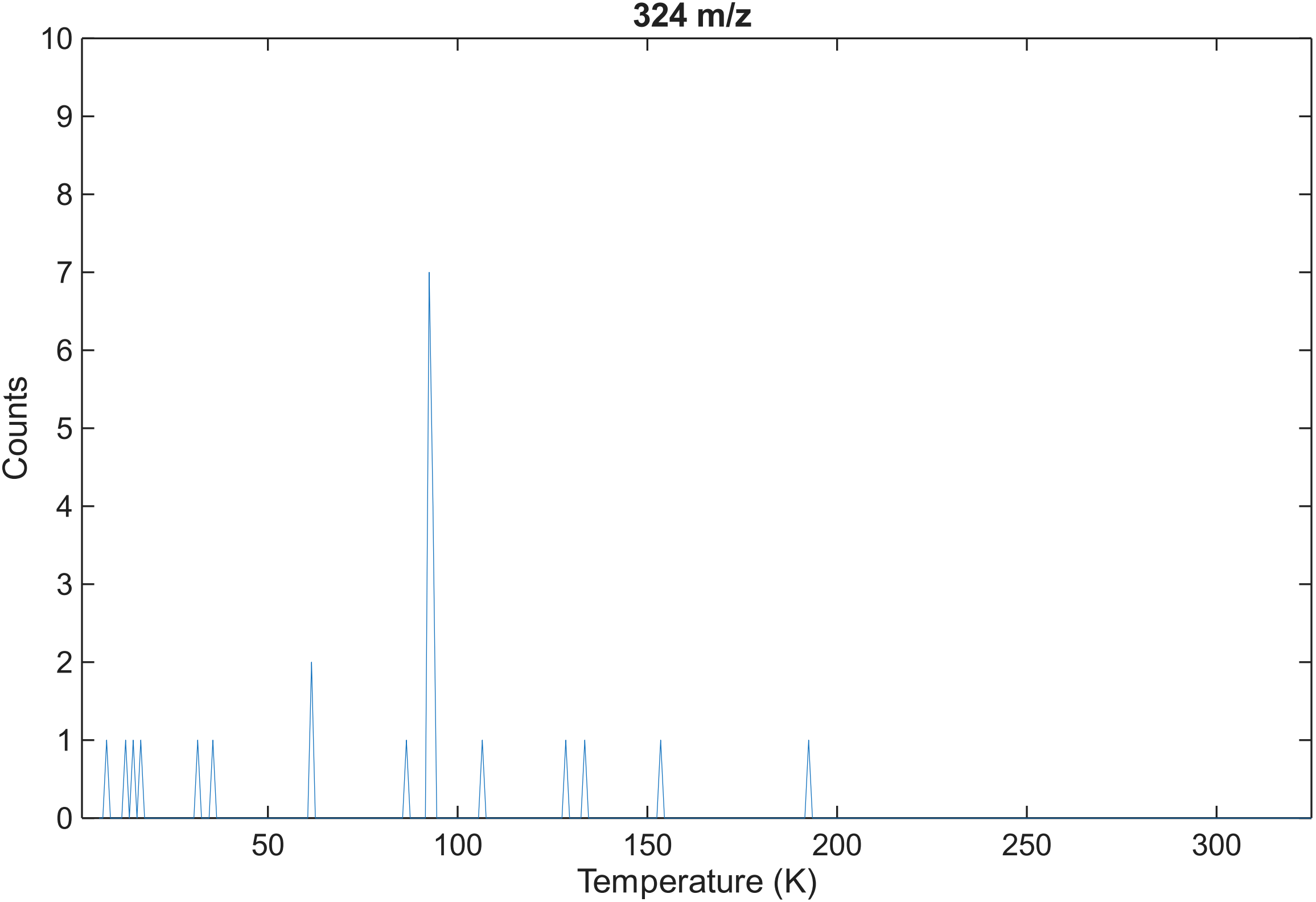

319 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

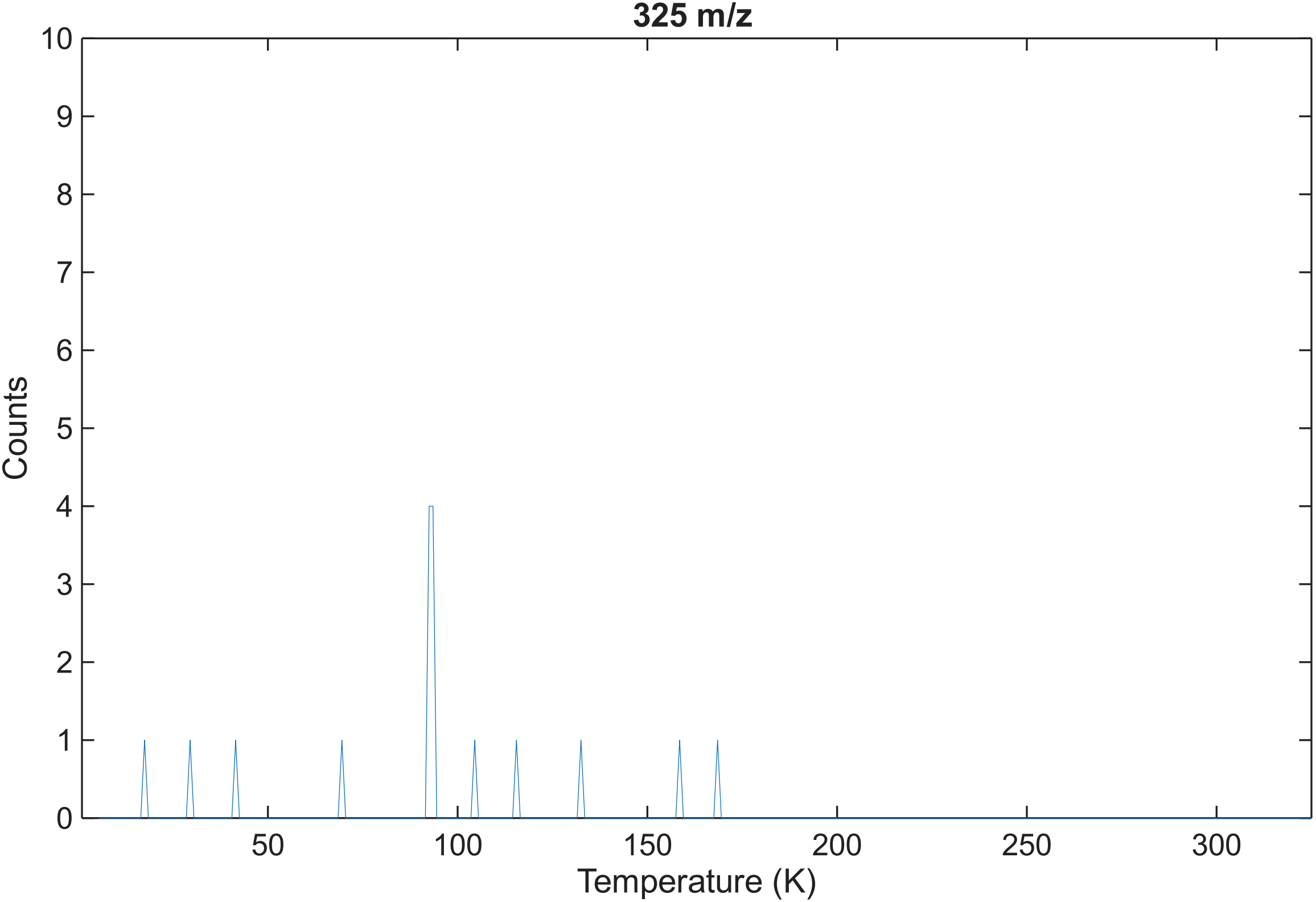

320 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

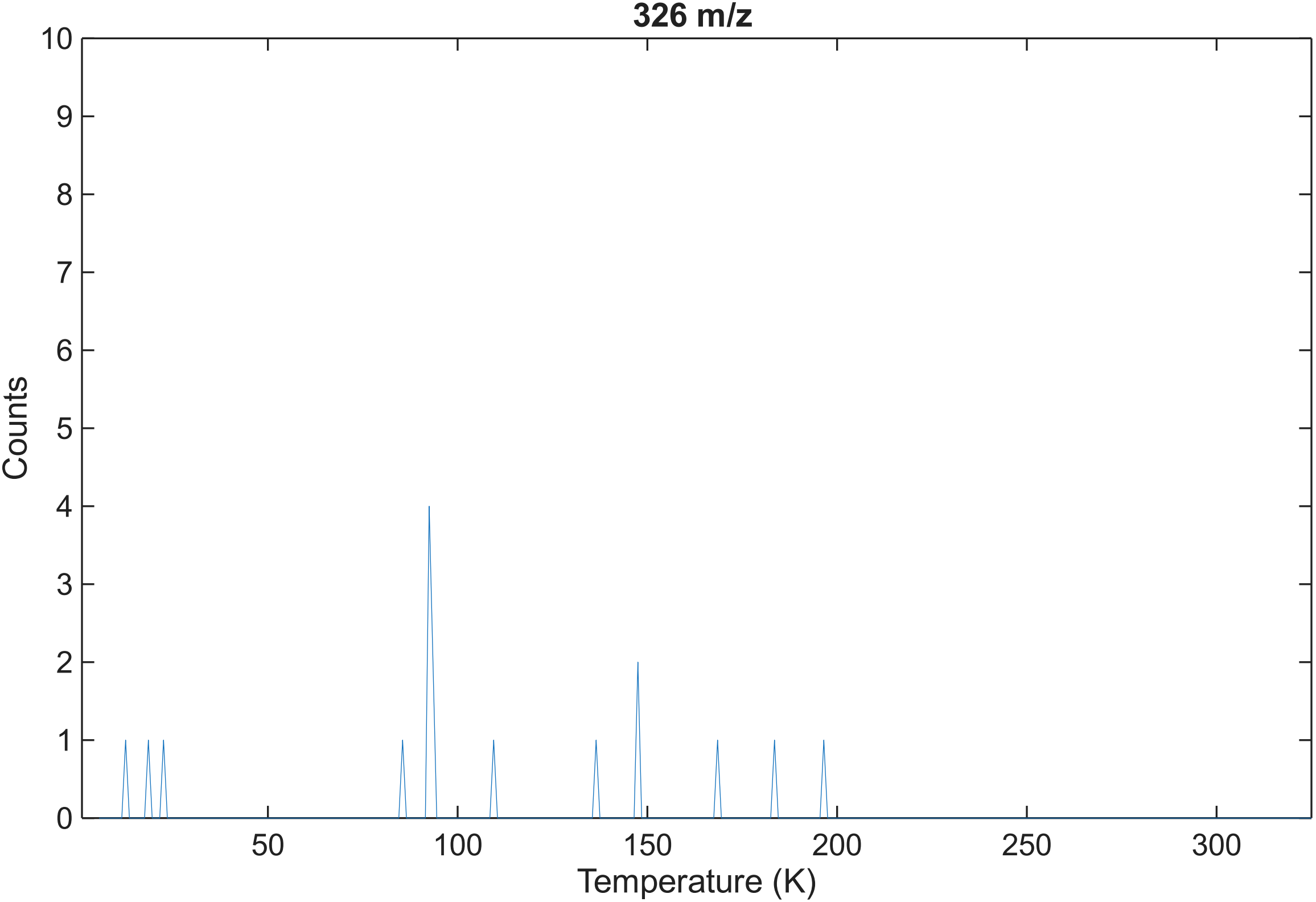

321 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

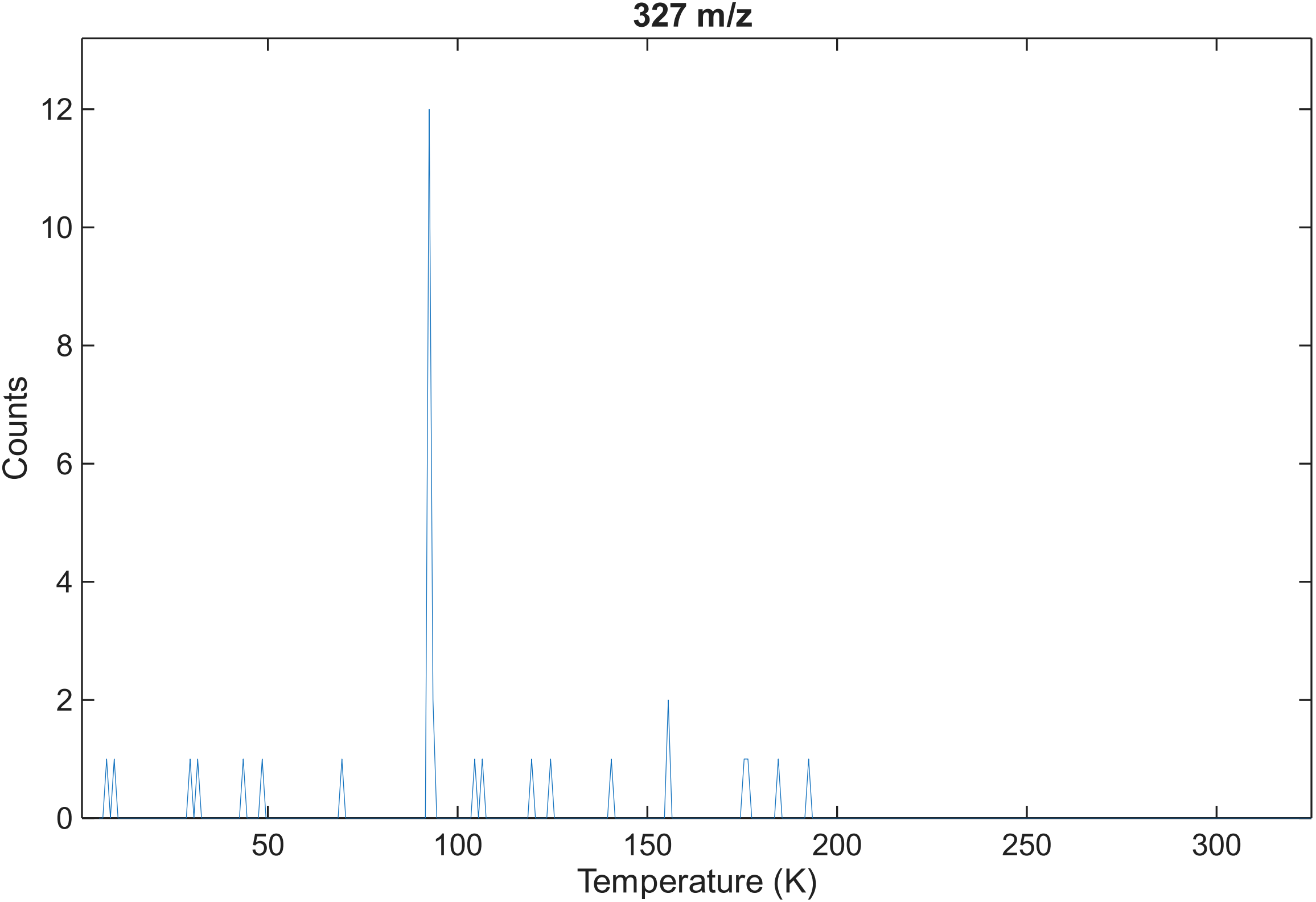

322 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

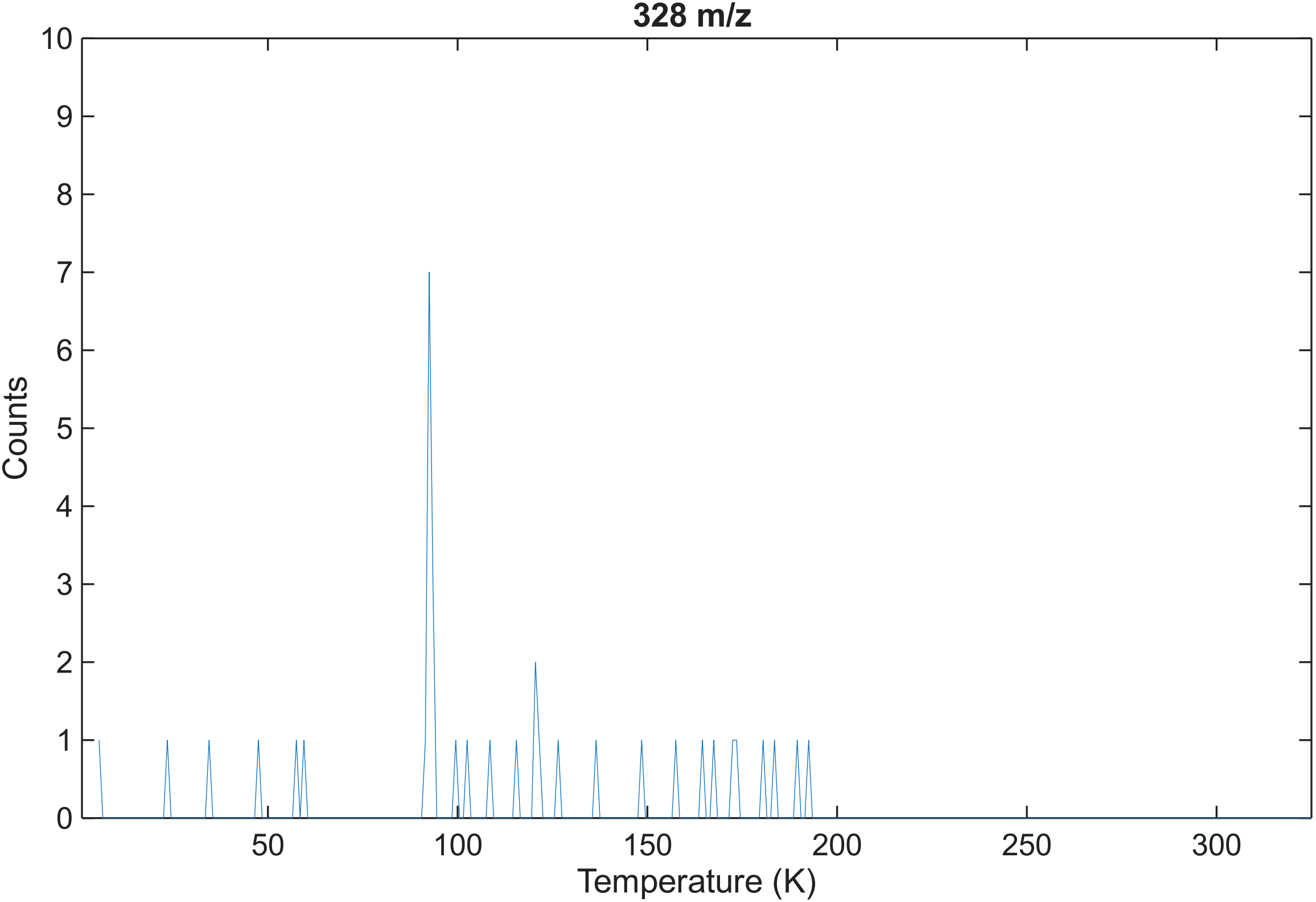

323 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

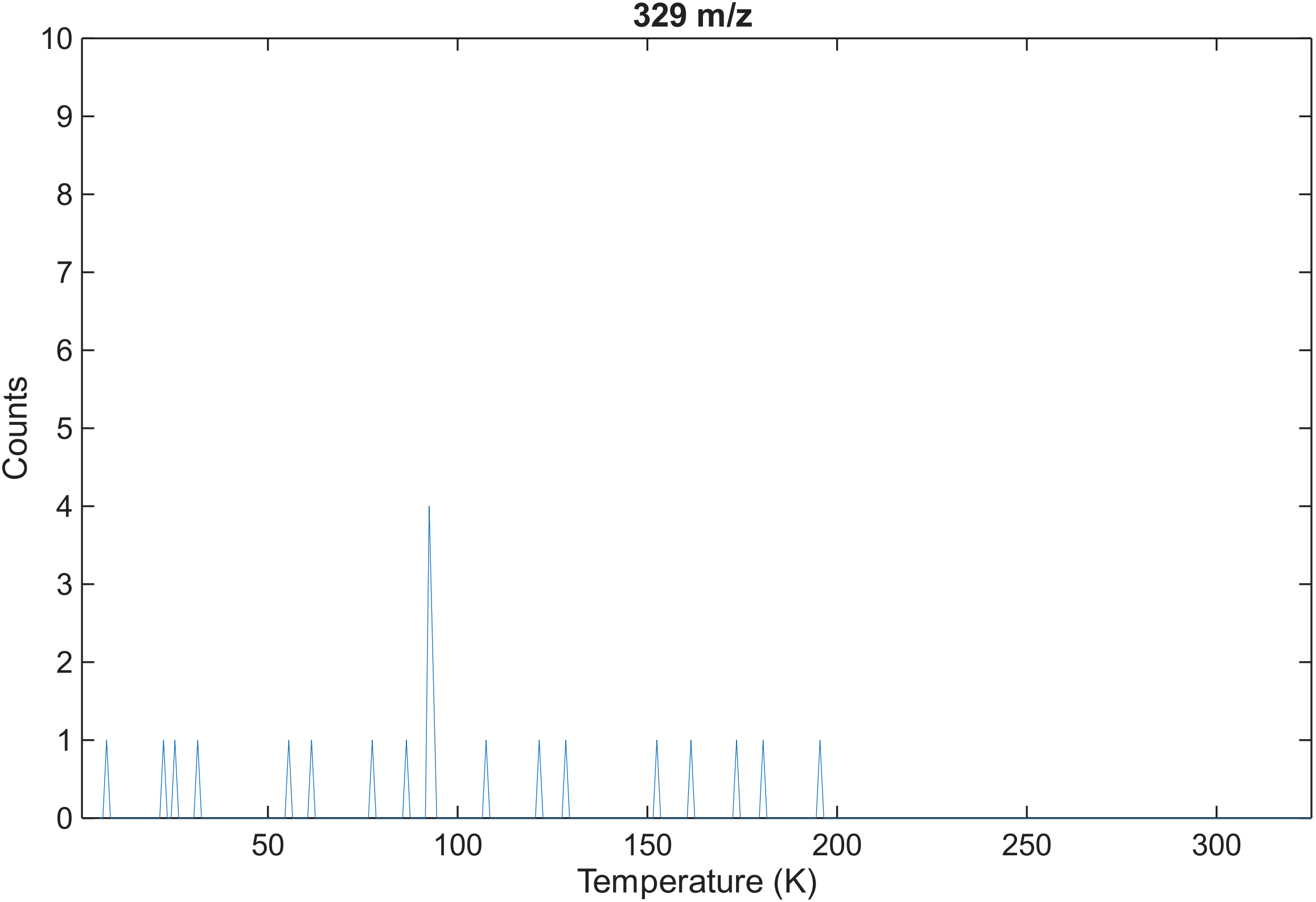

324 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

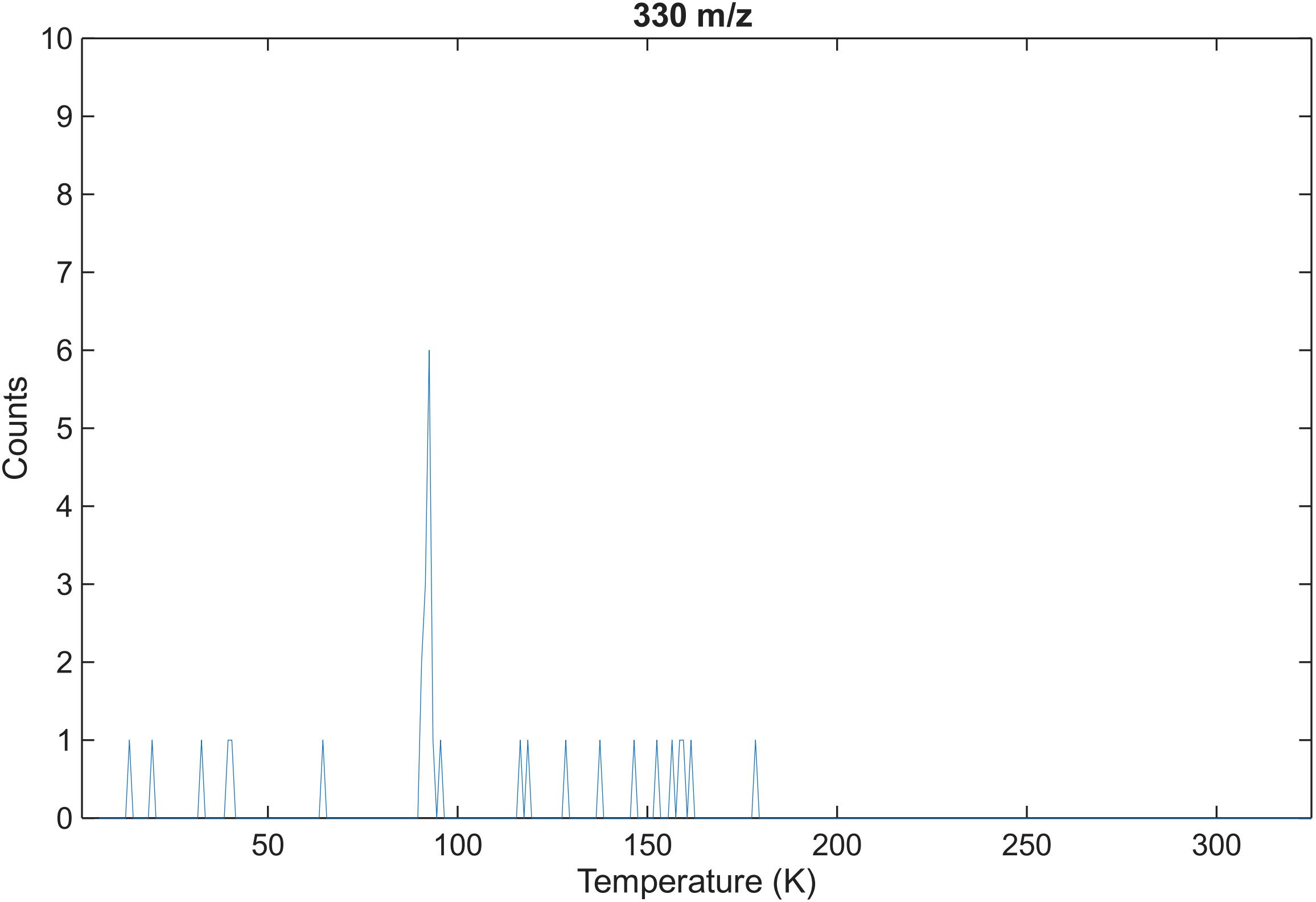

325 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

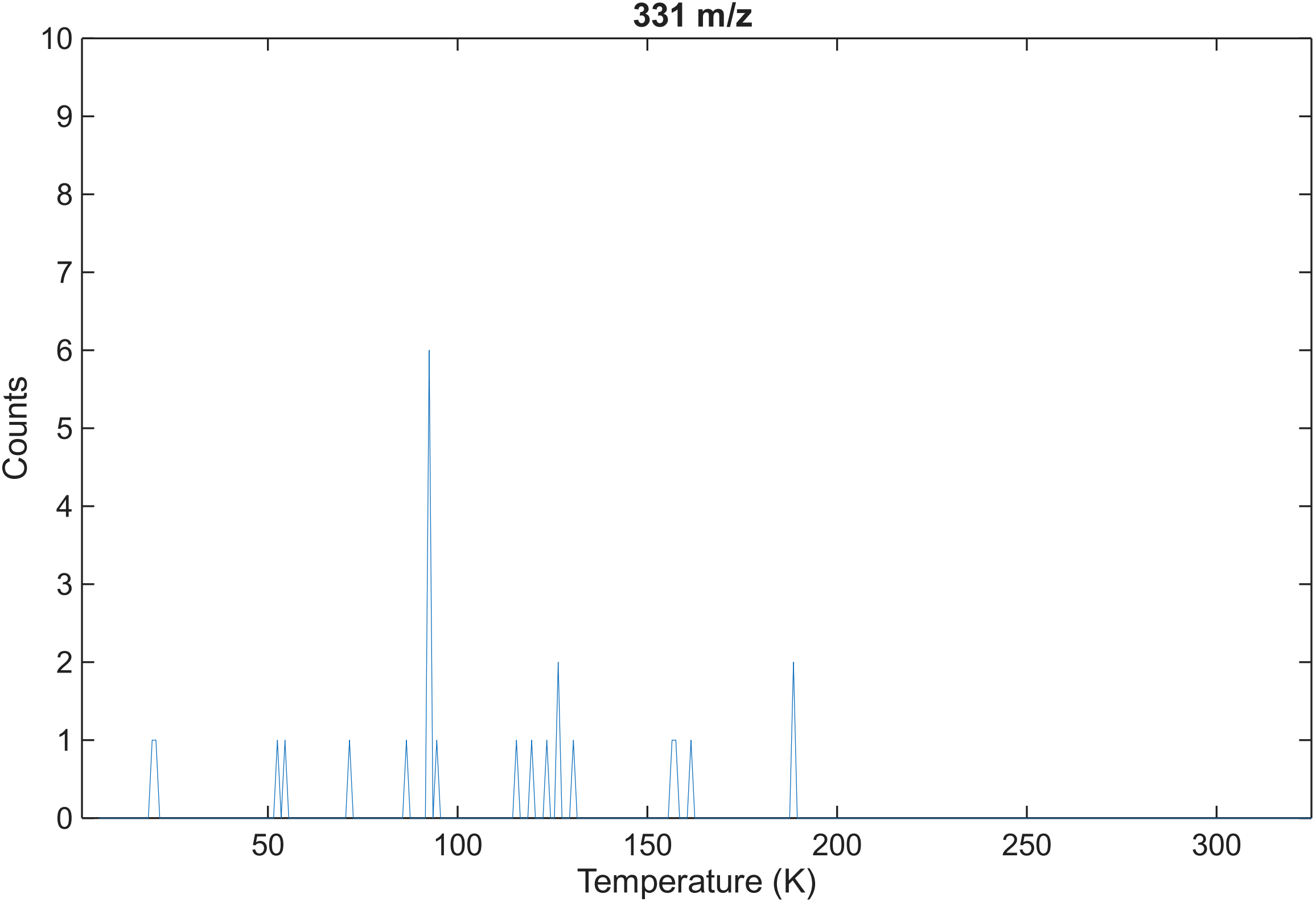

326 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

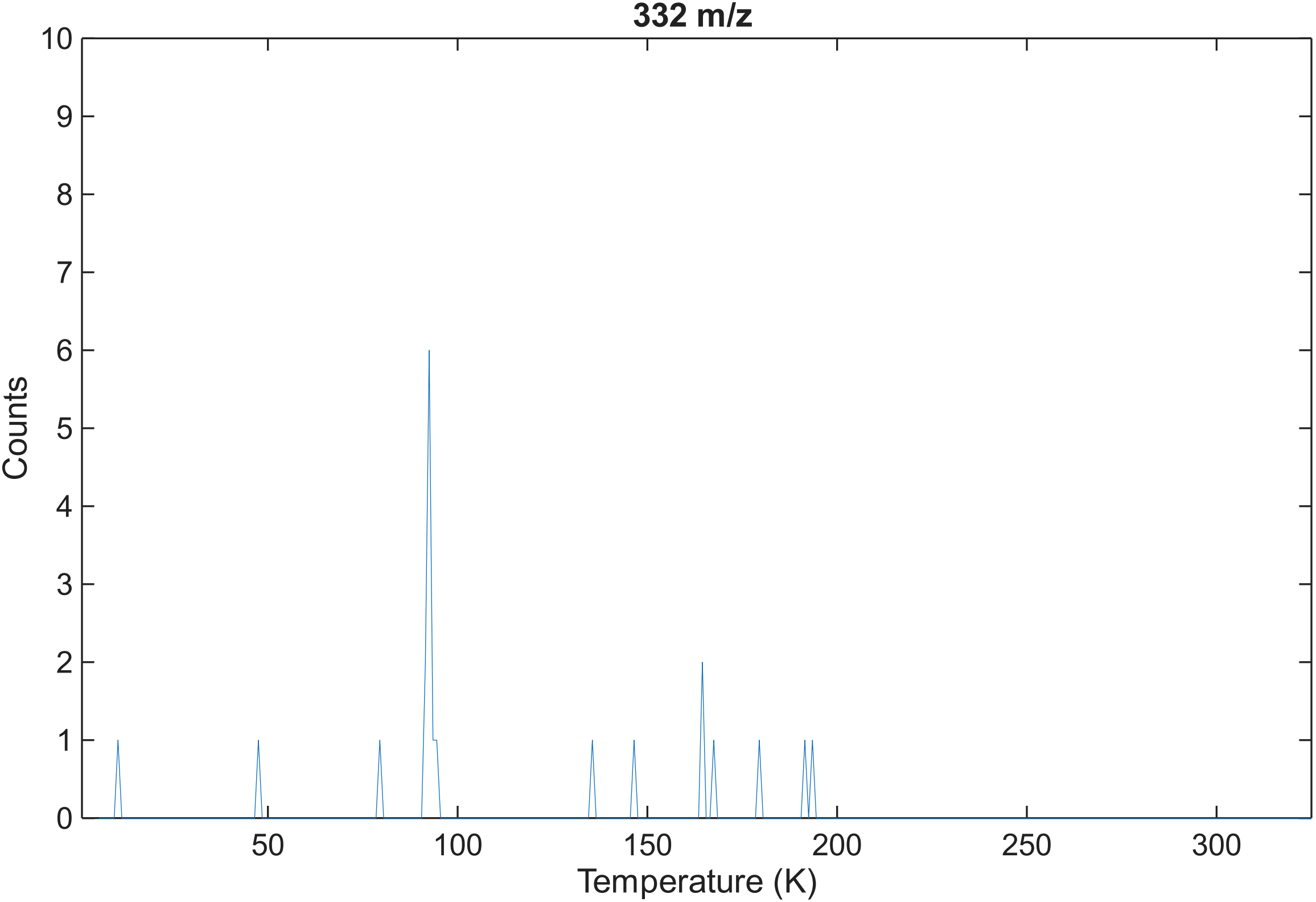

327 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

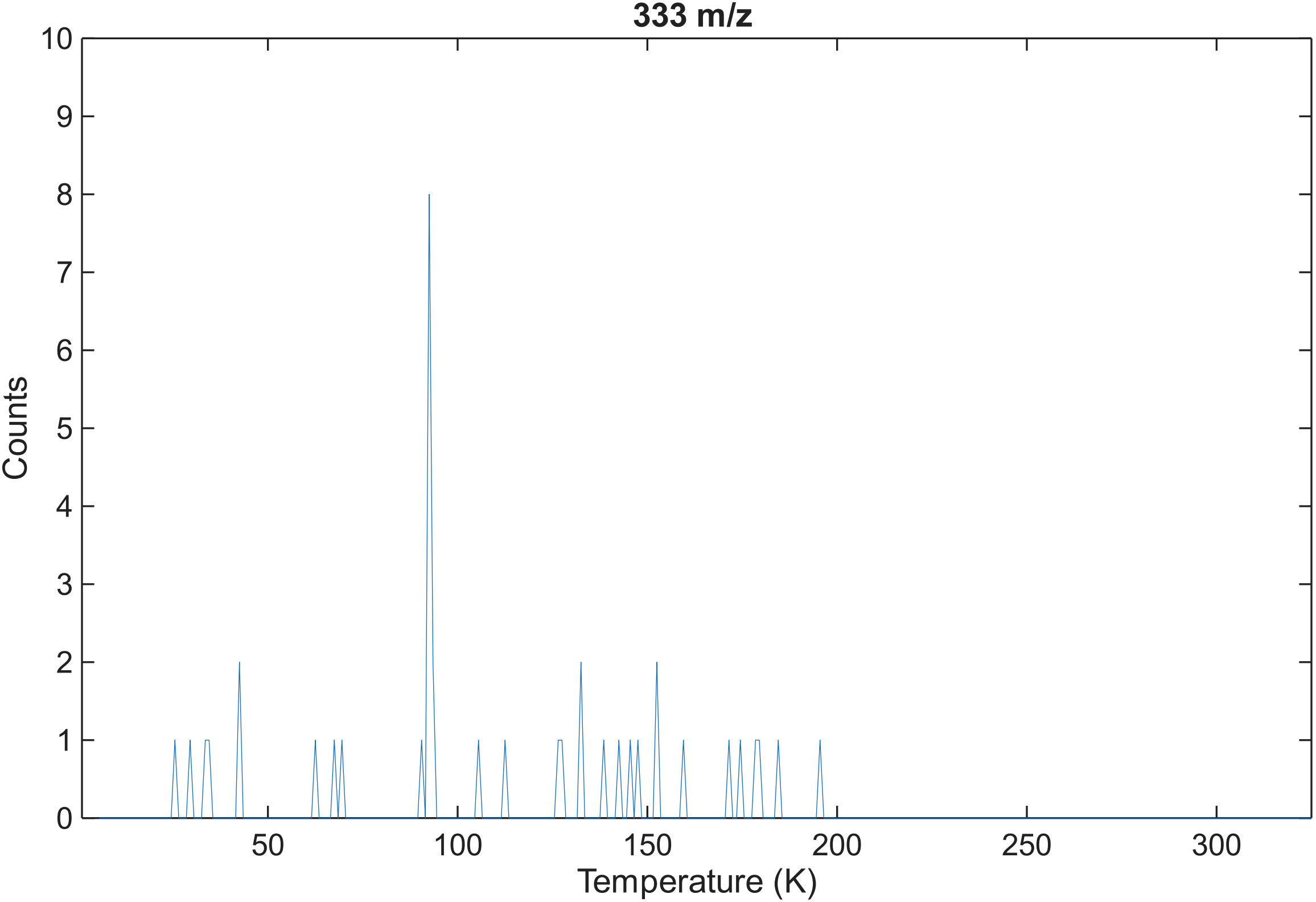

328 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

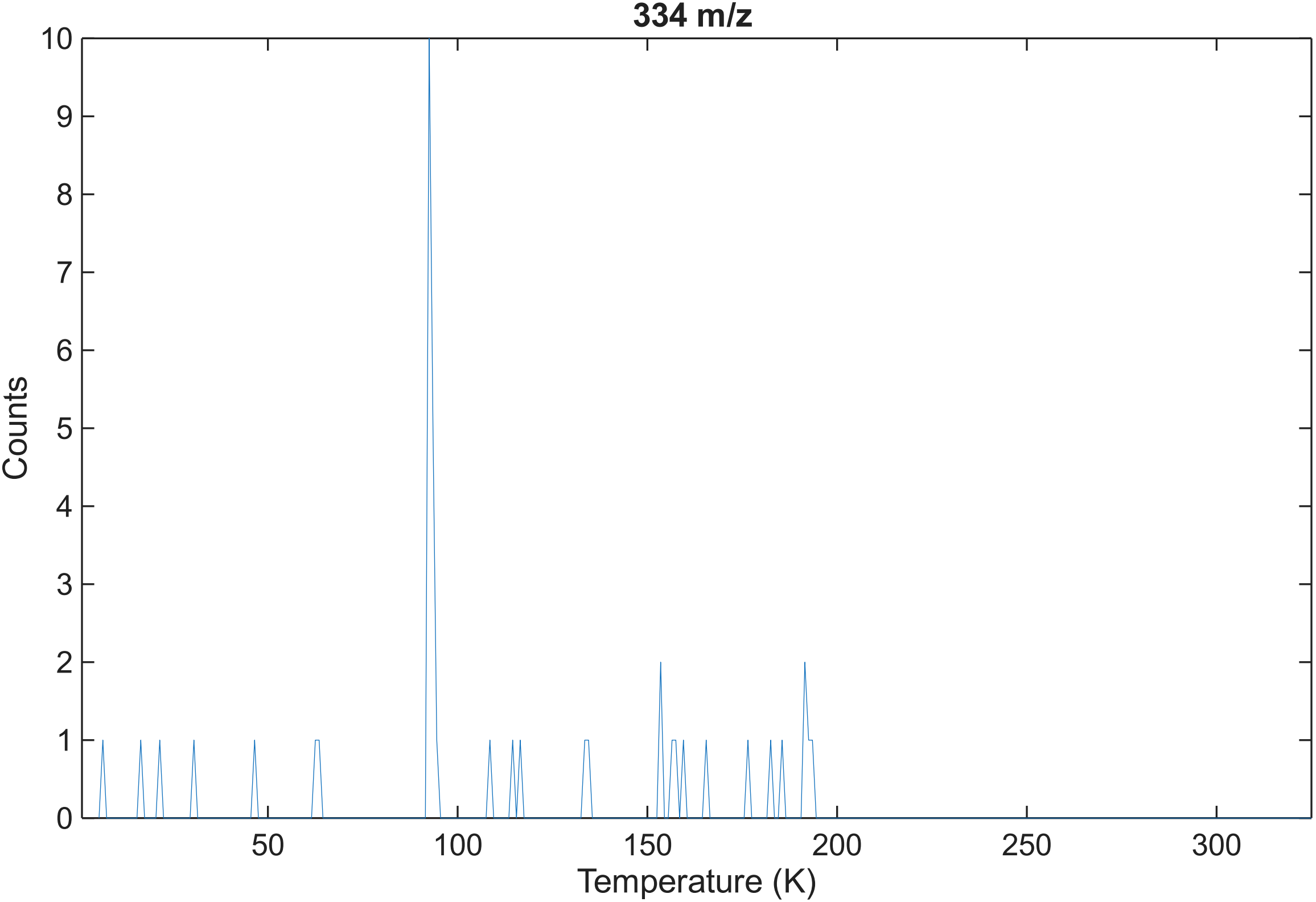

329 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

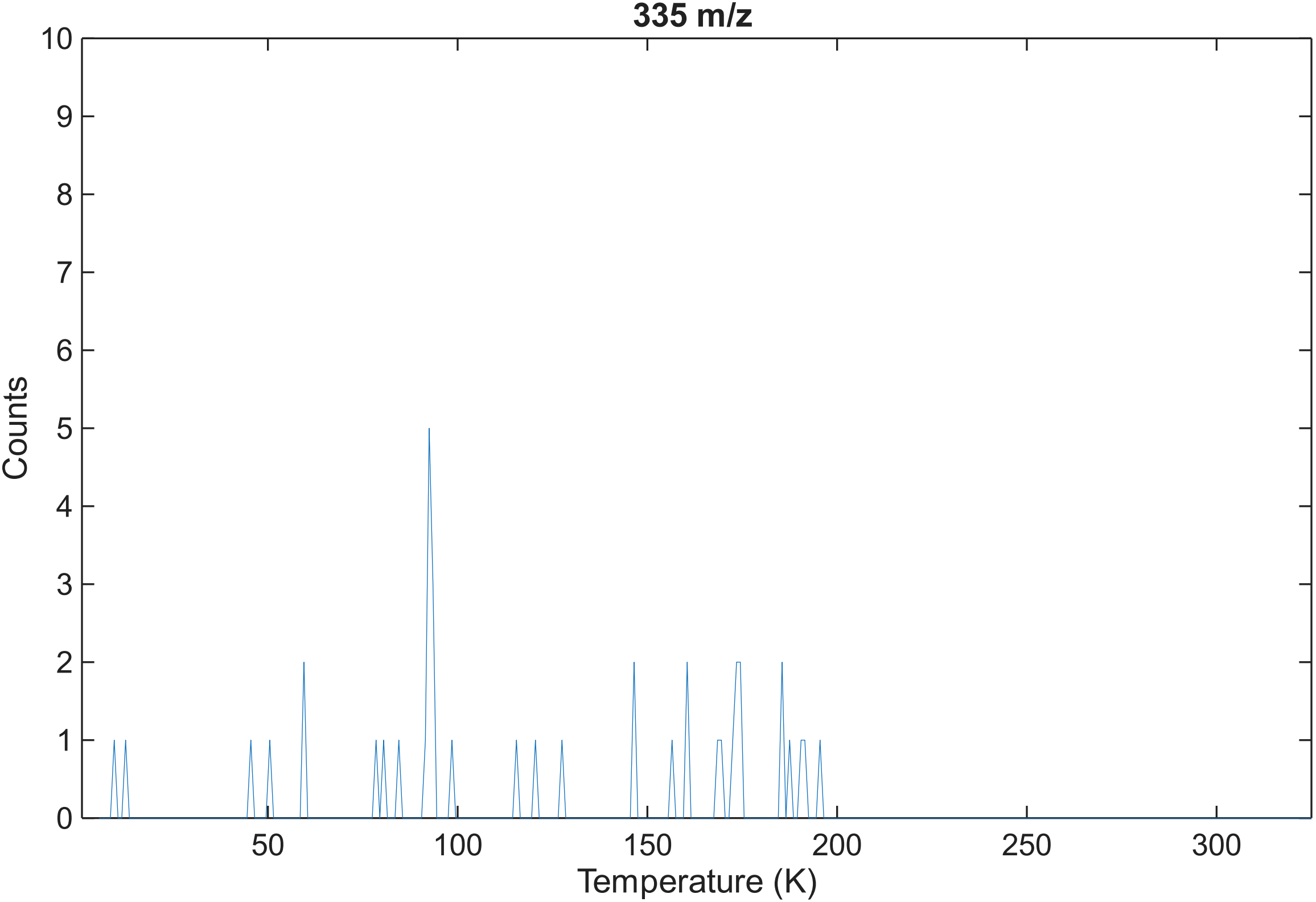

330 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

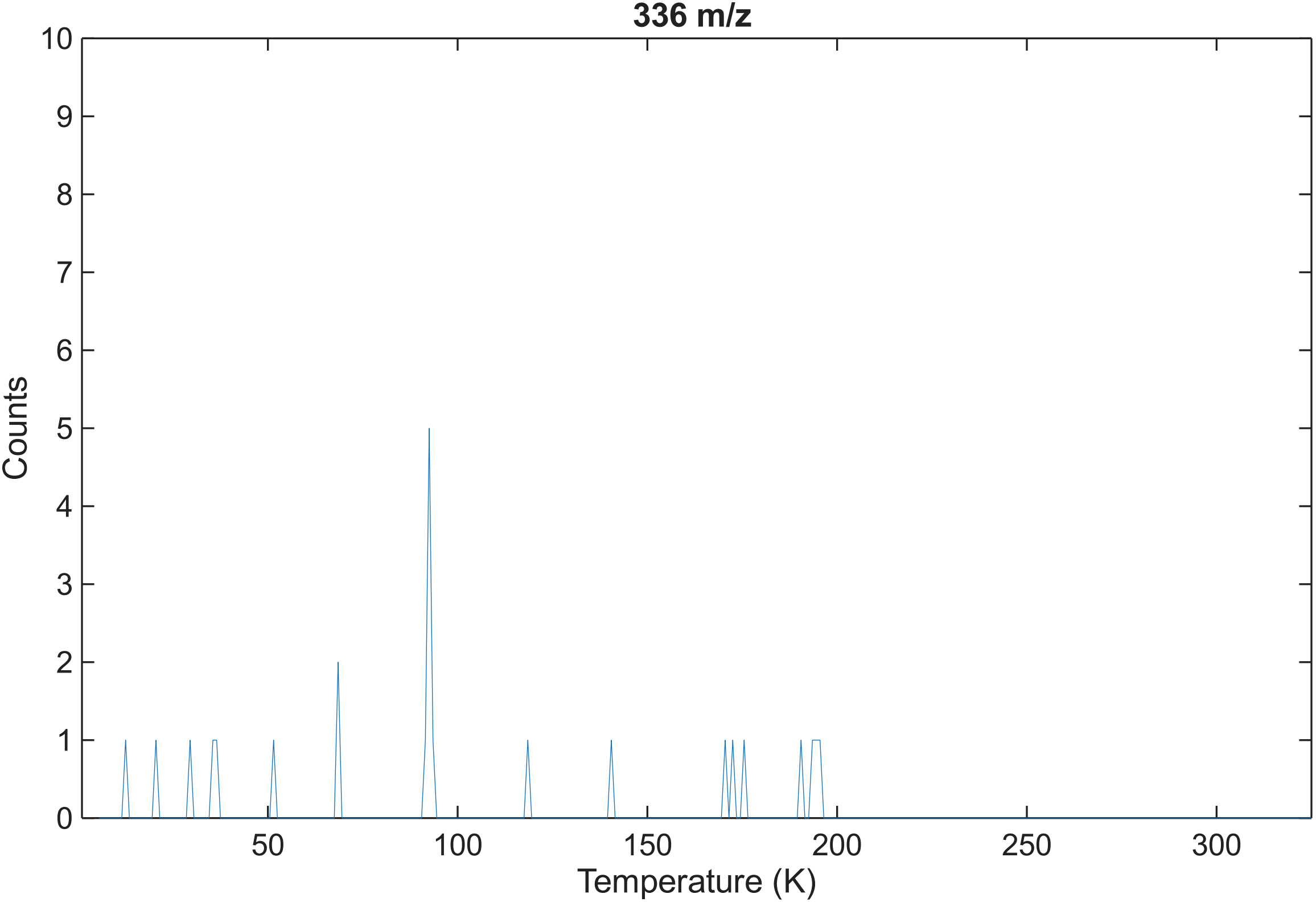

331 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

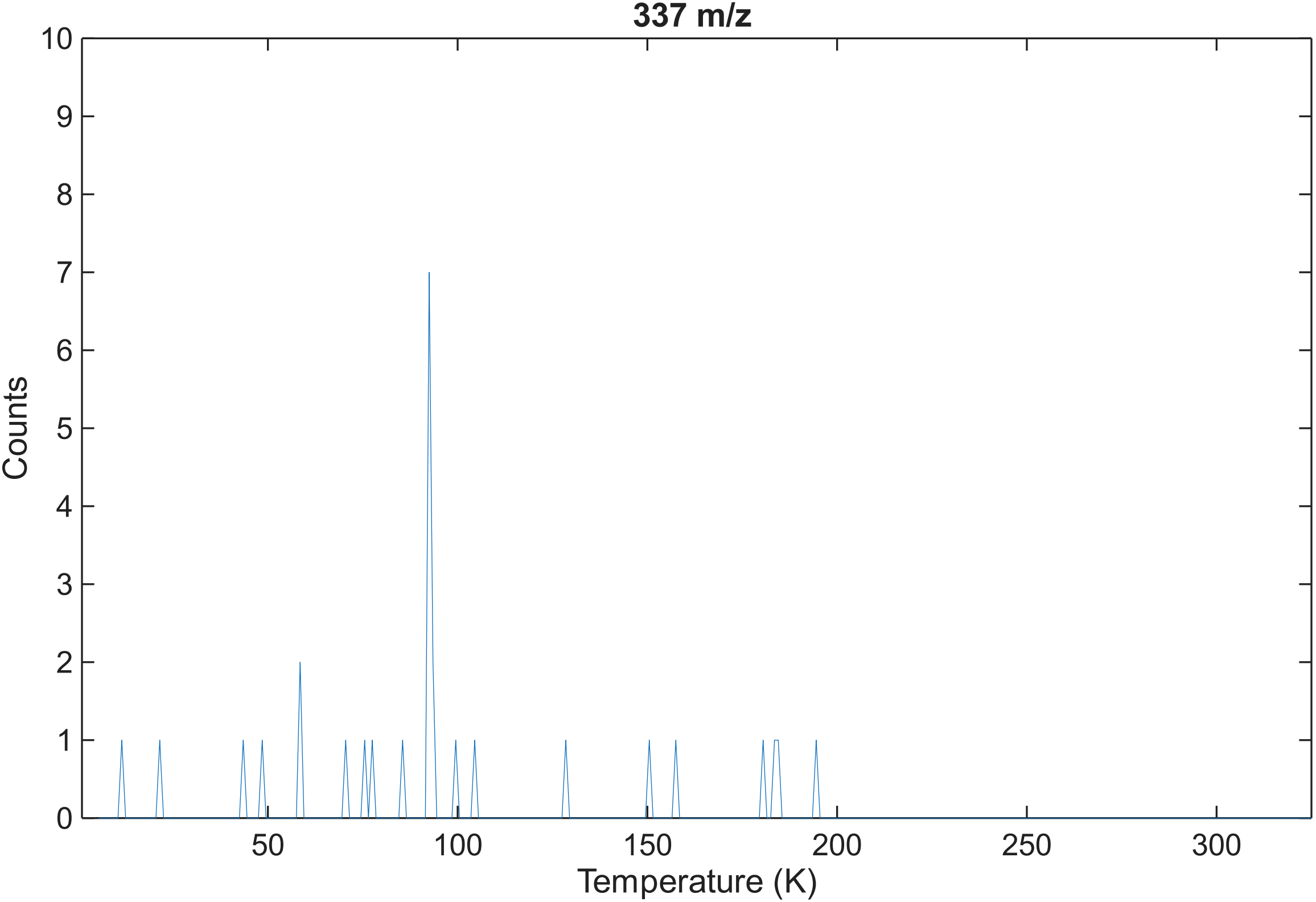

332 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

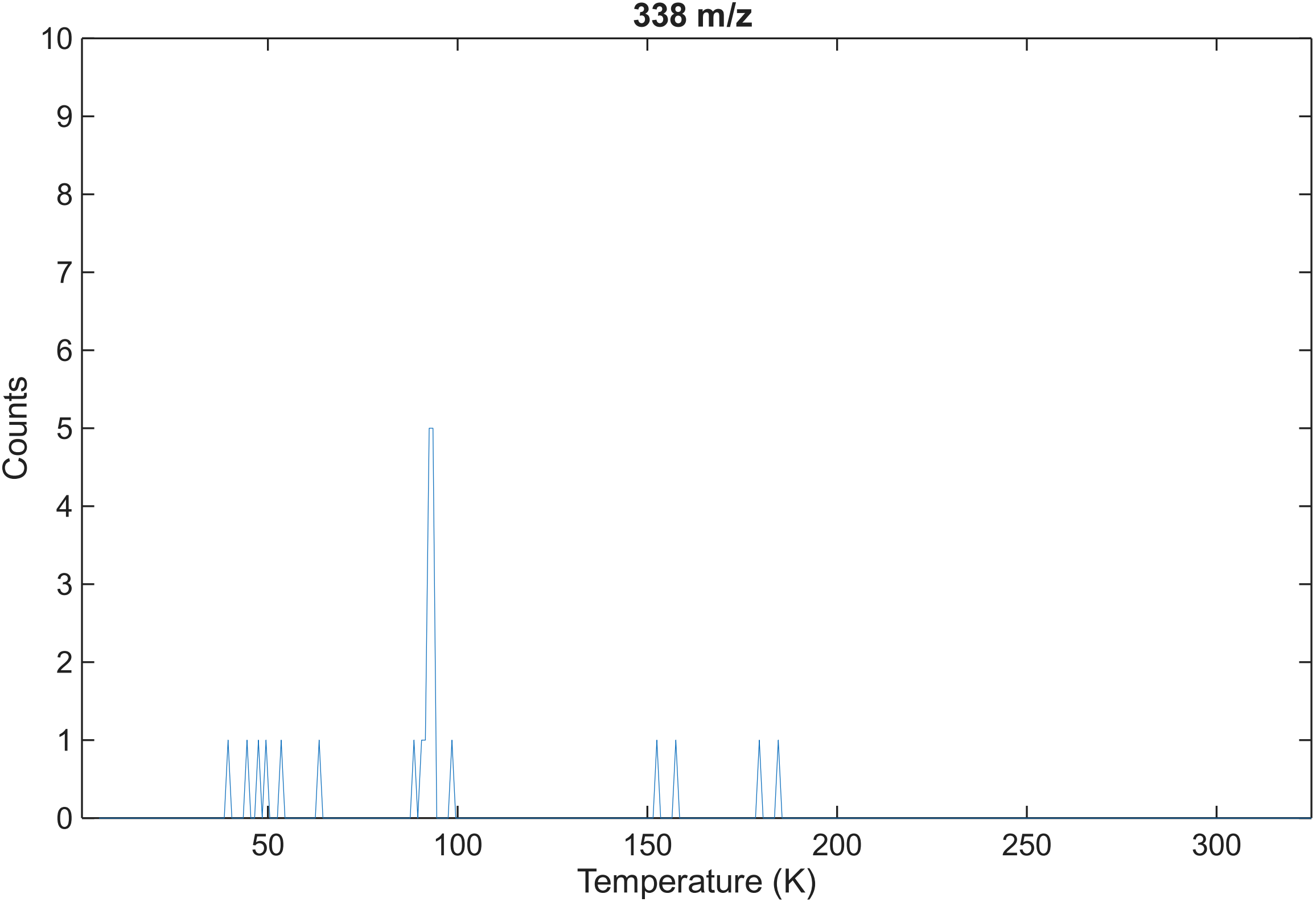

333 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

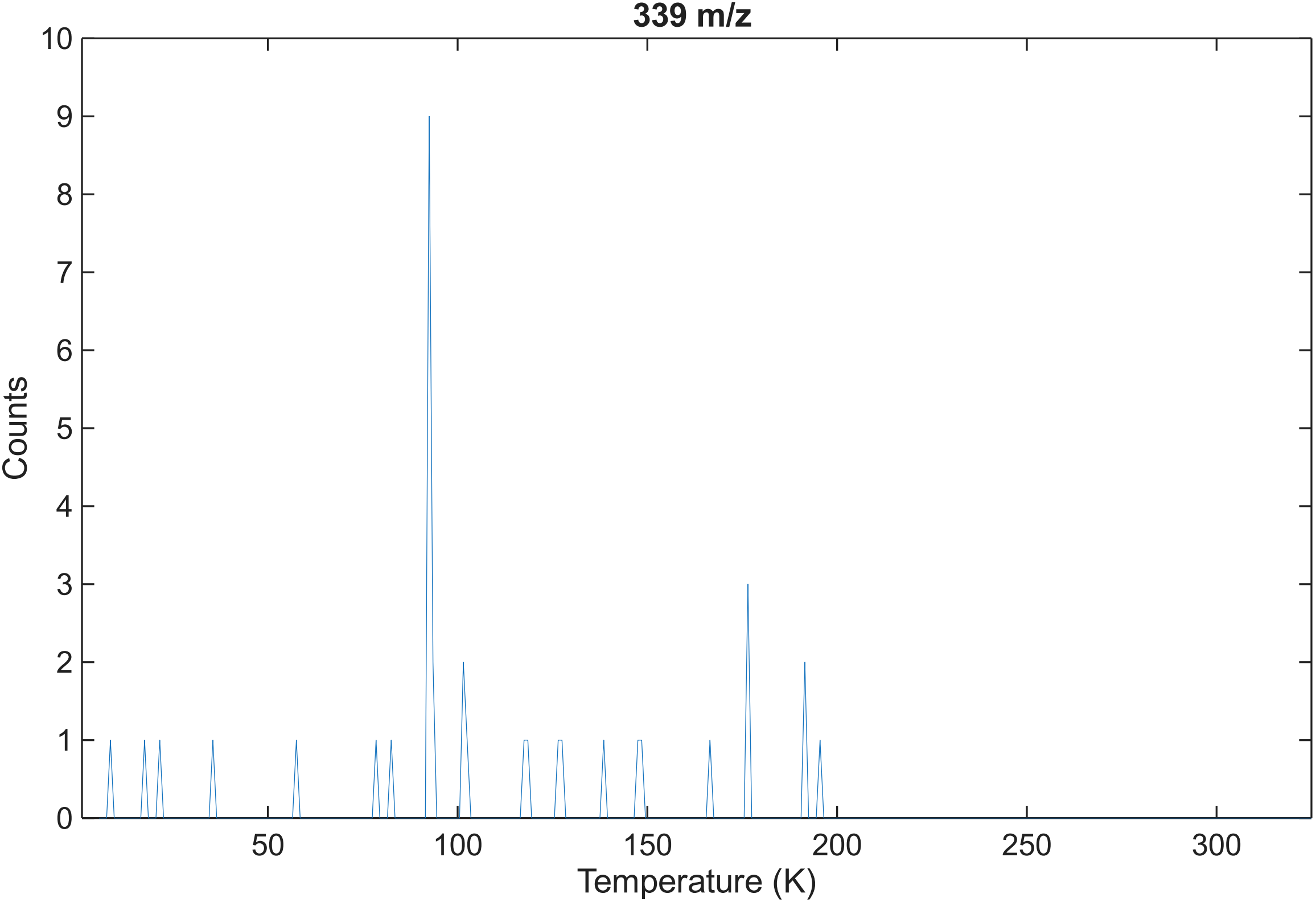

334 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

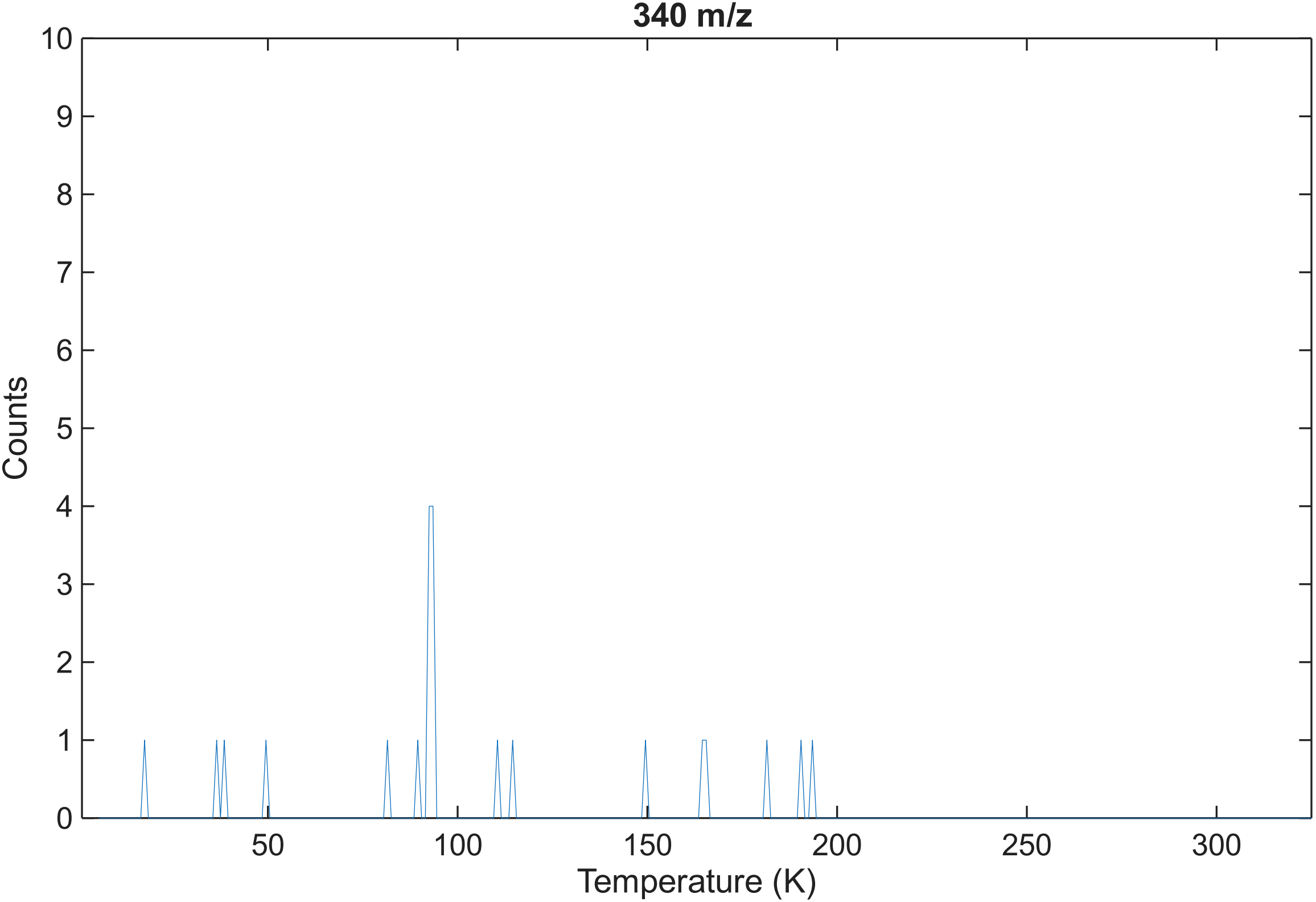

335 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

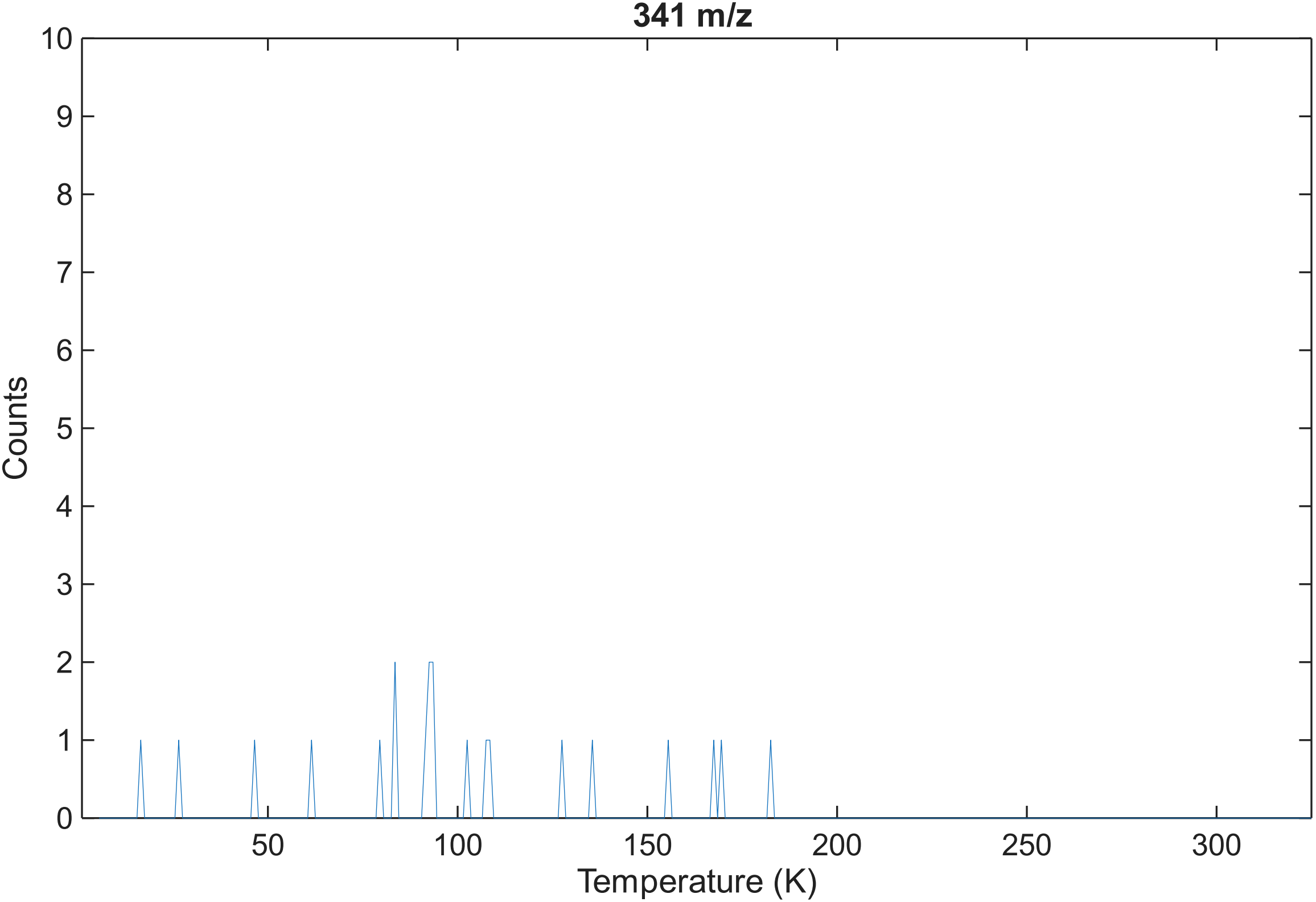

336 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

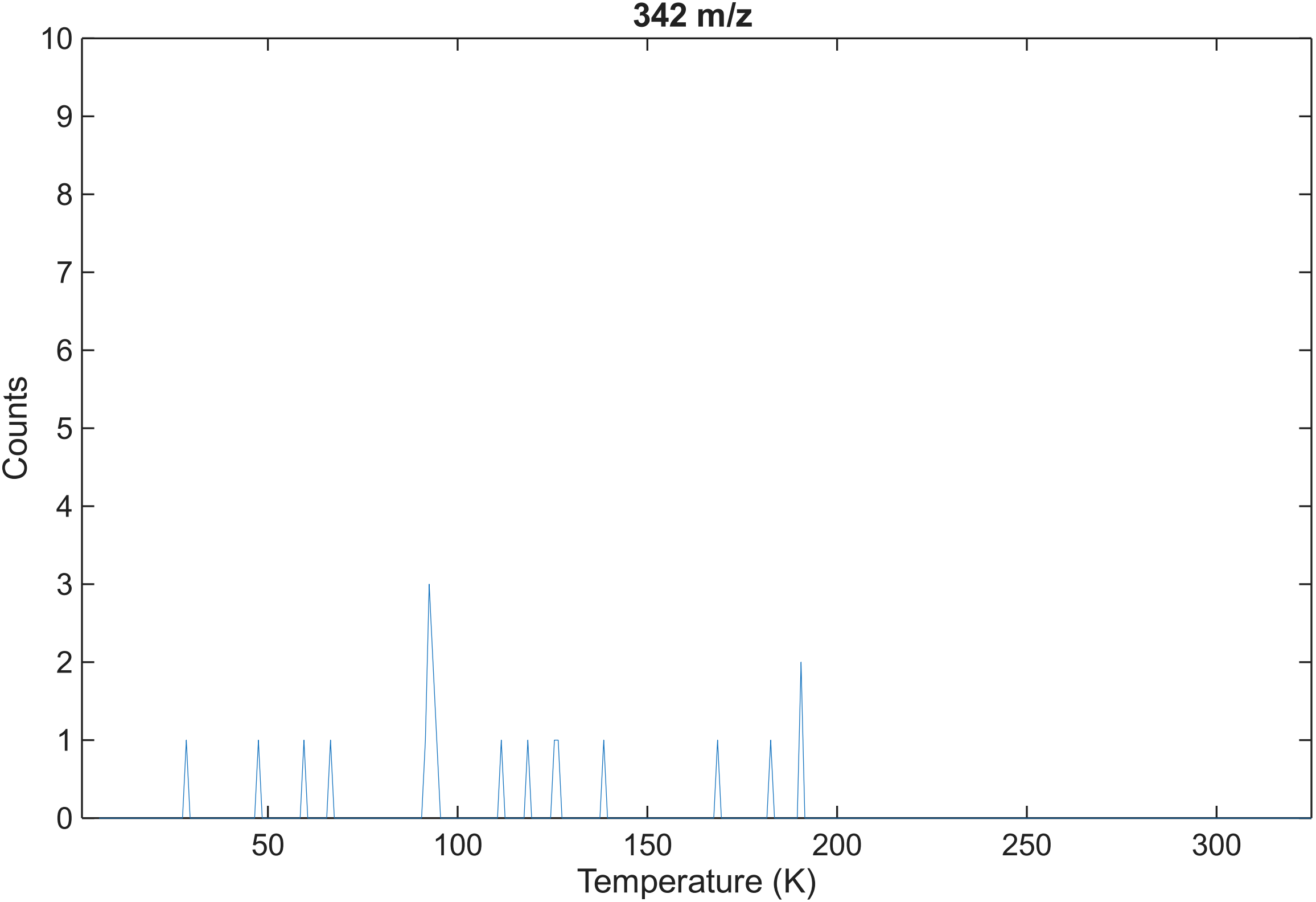

337 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

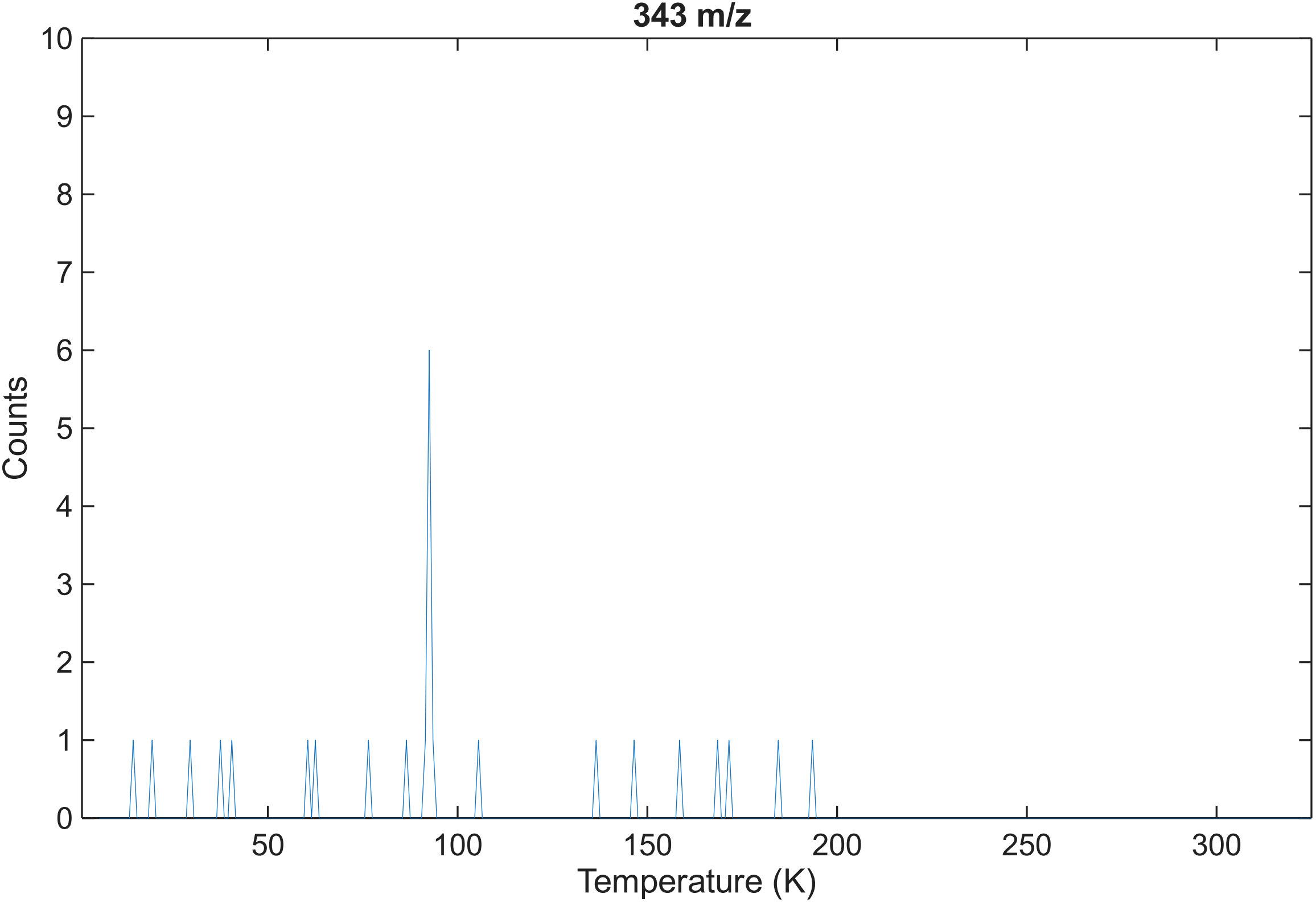

338 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

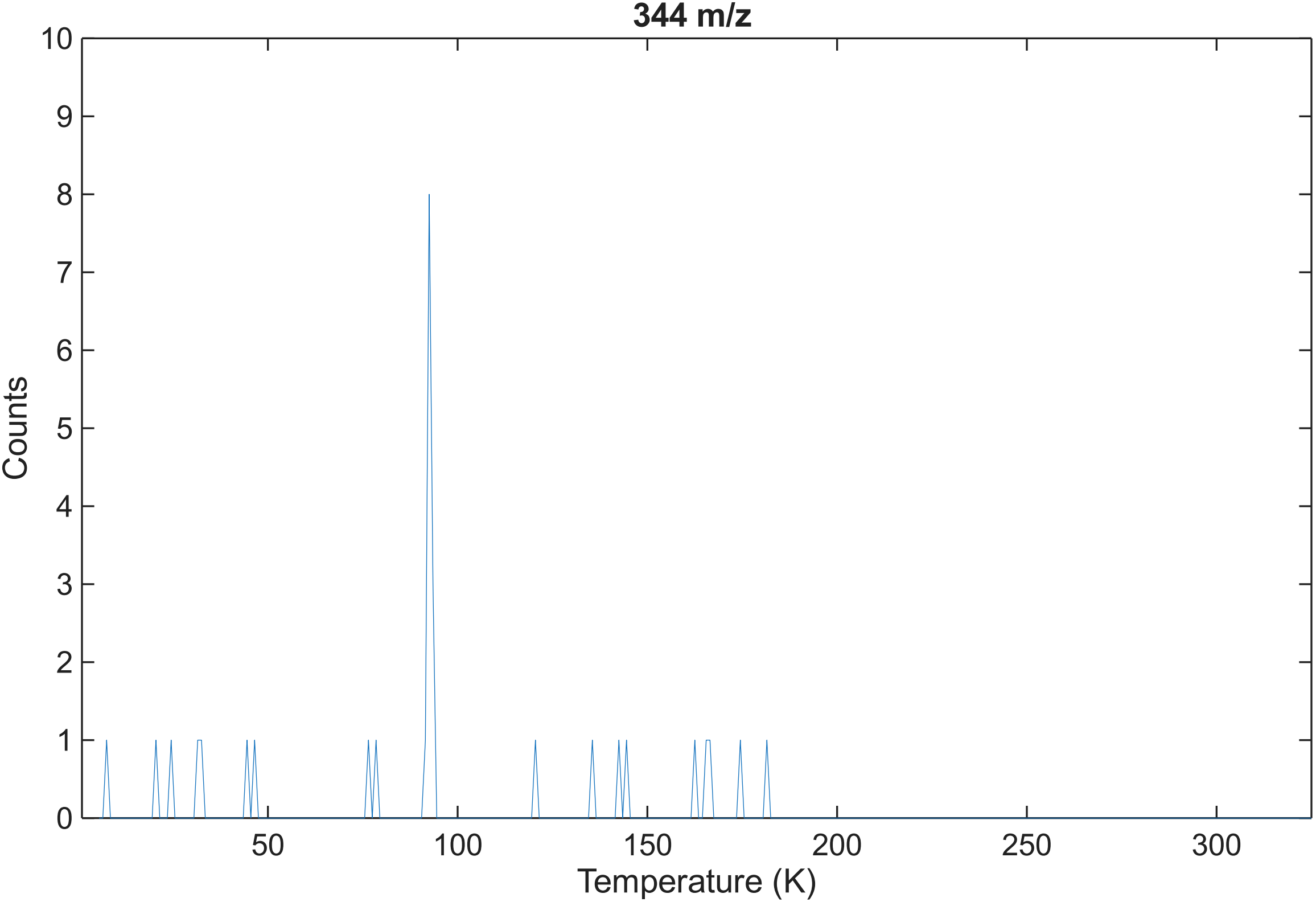

339 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

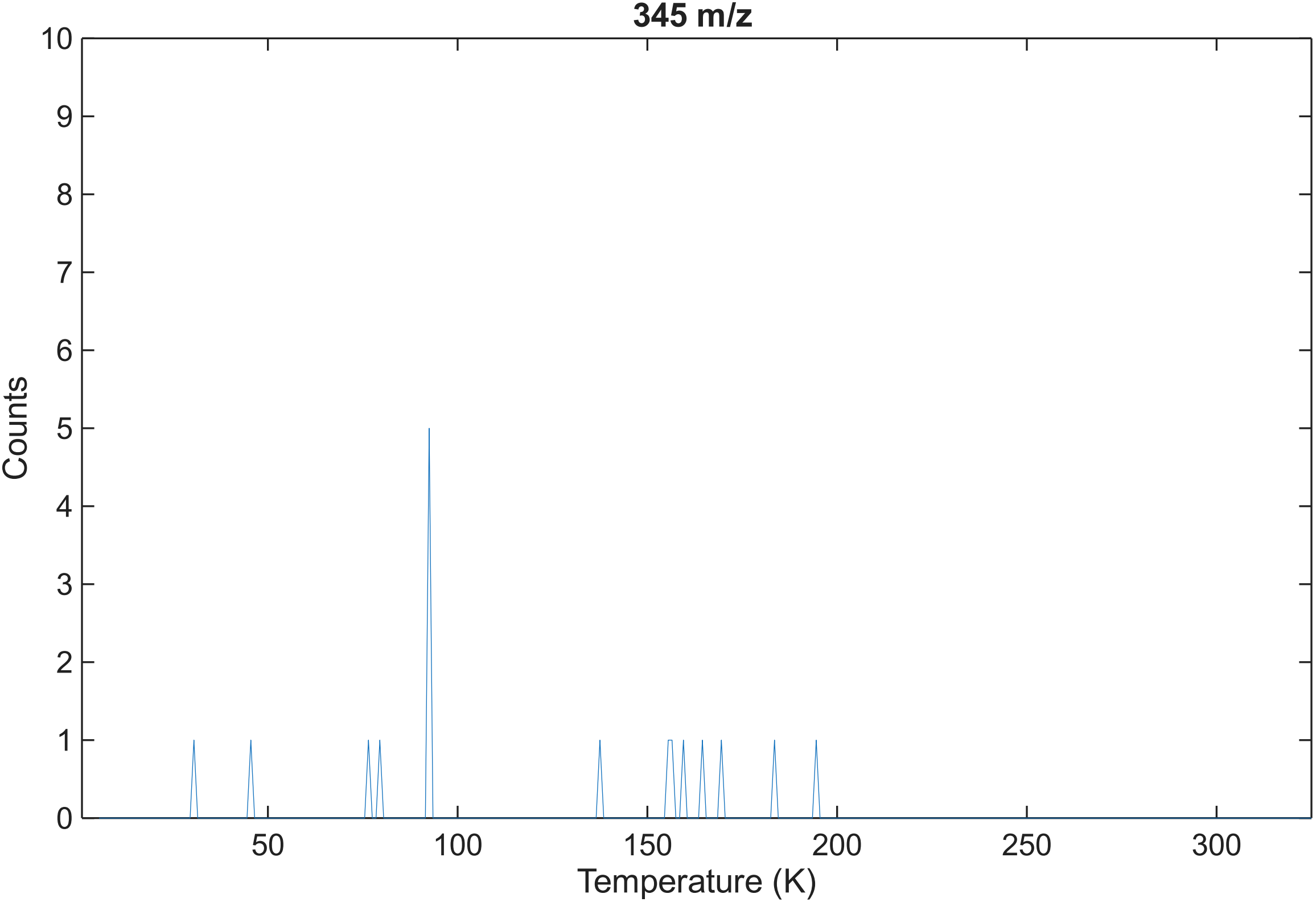

340 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

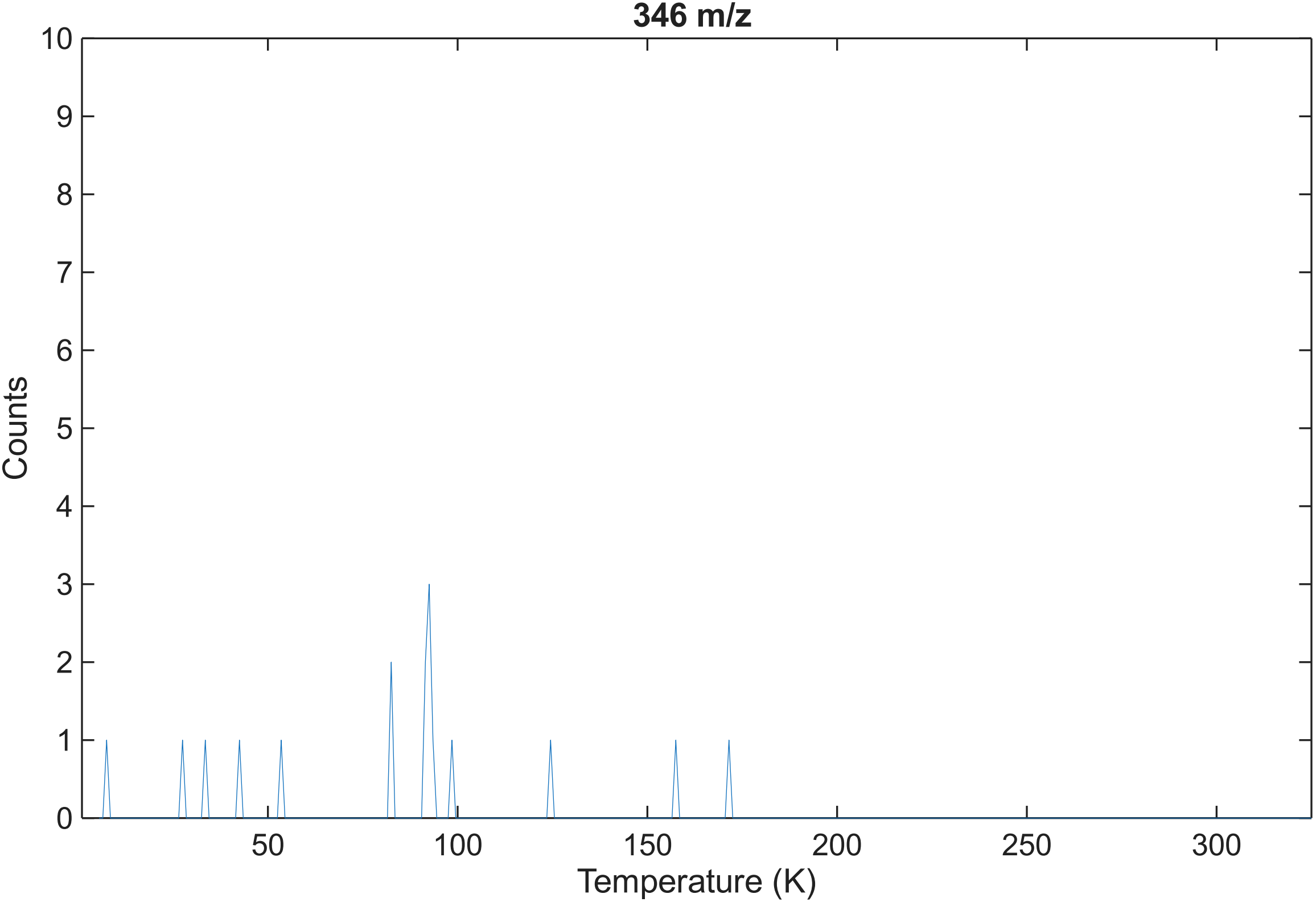

341 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

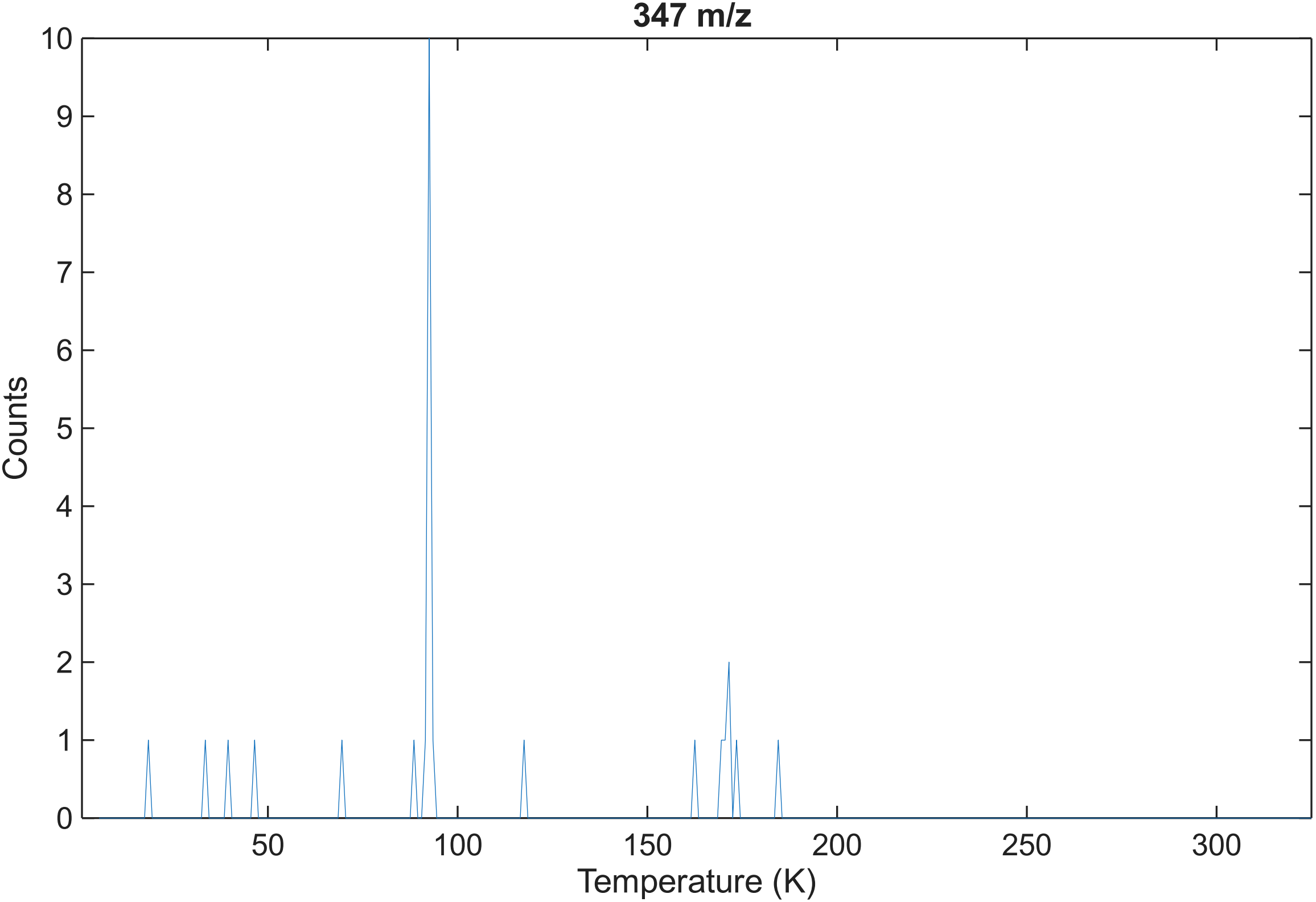

342 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

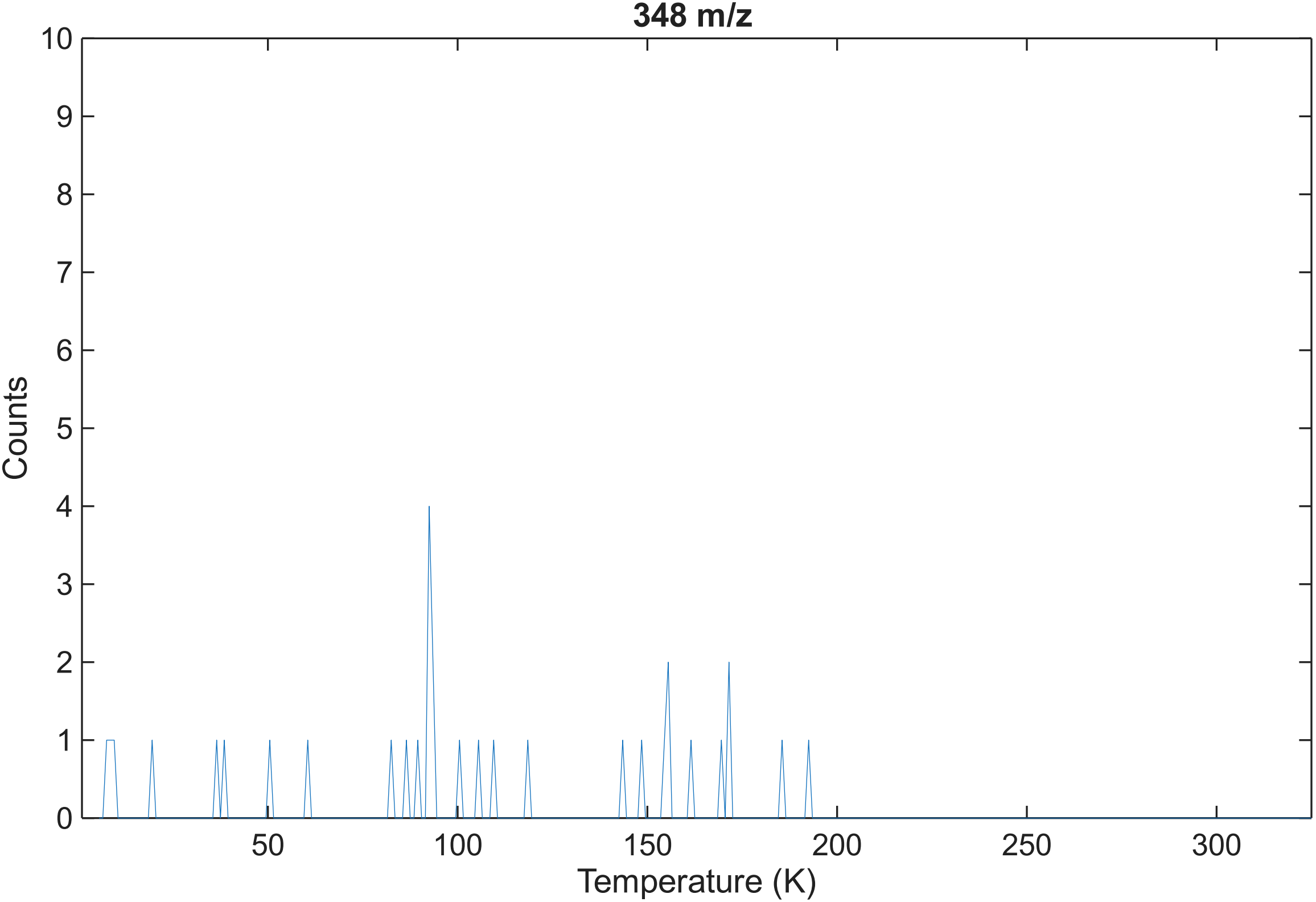

343 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

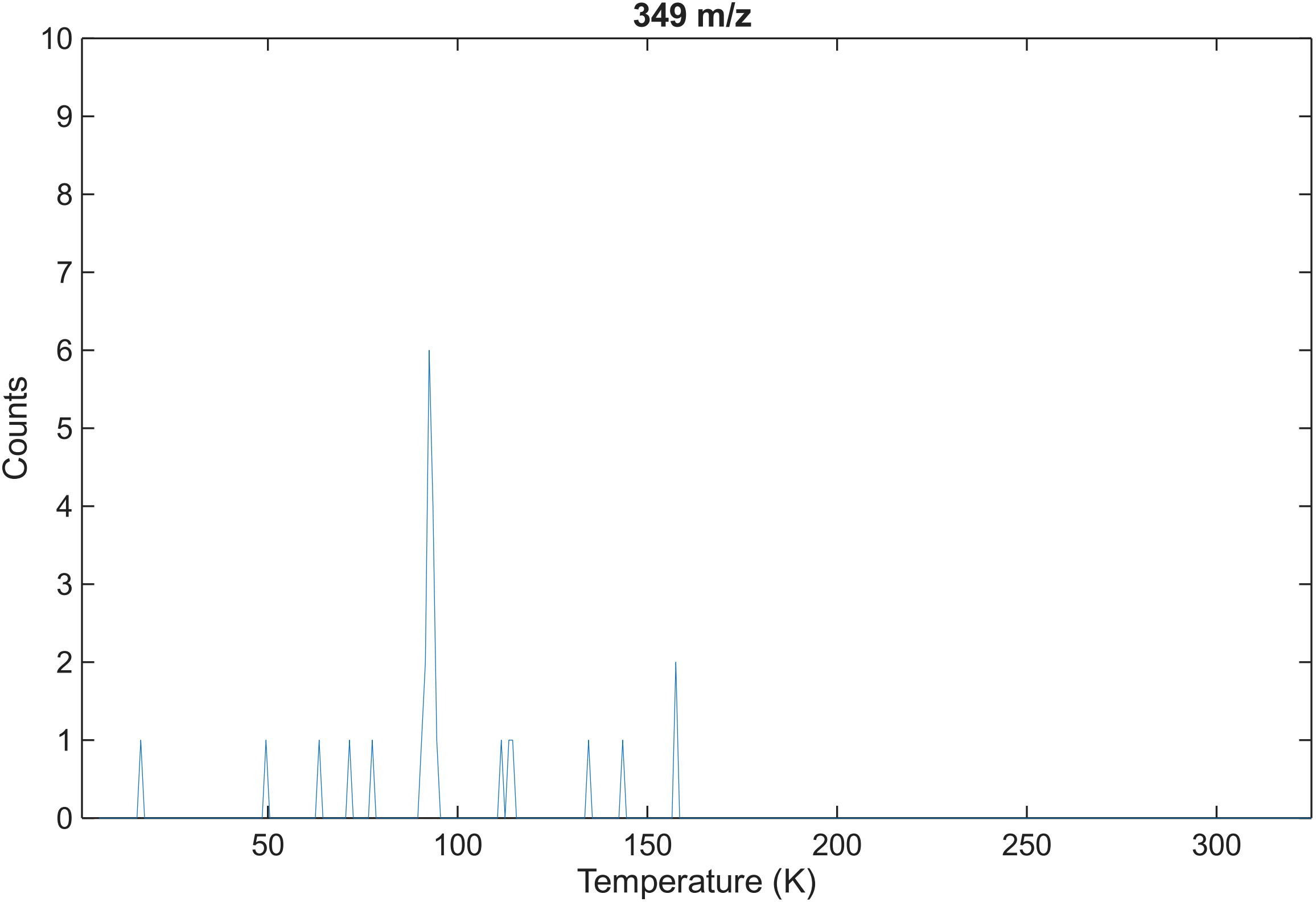

344 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

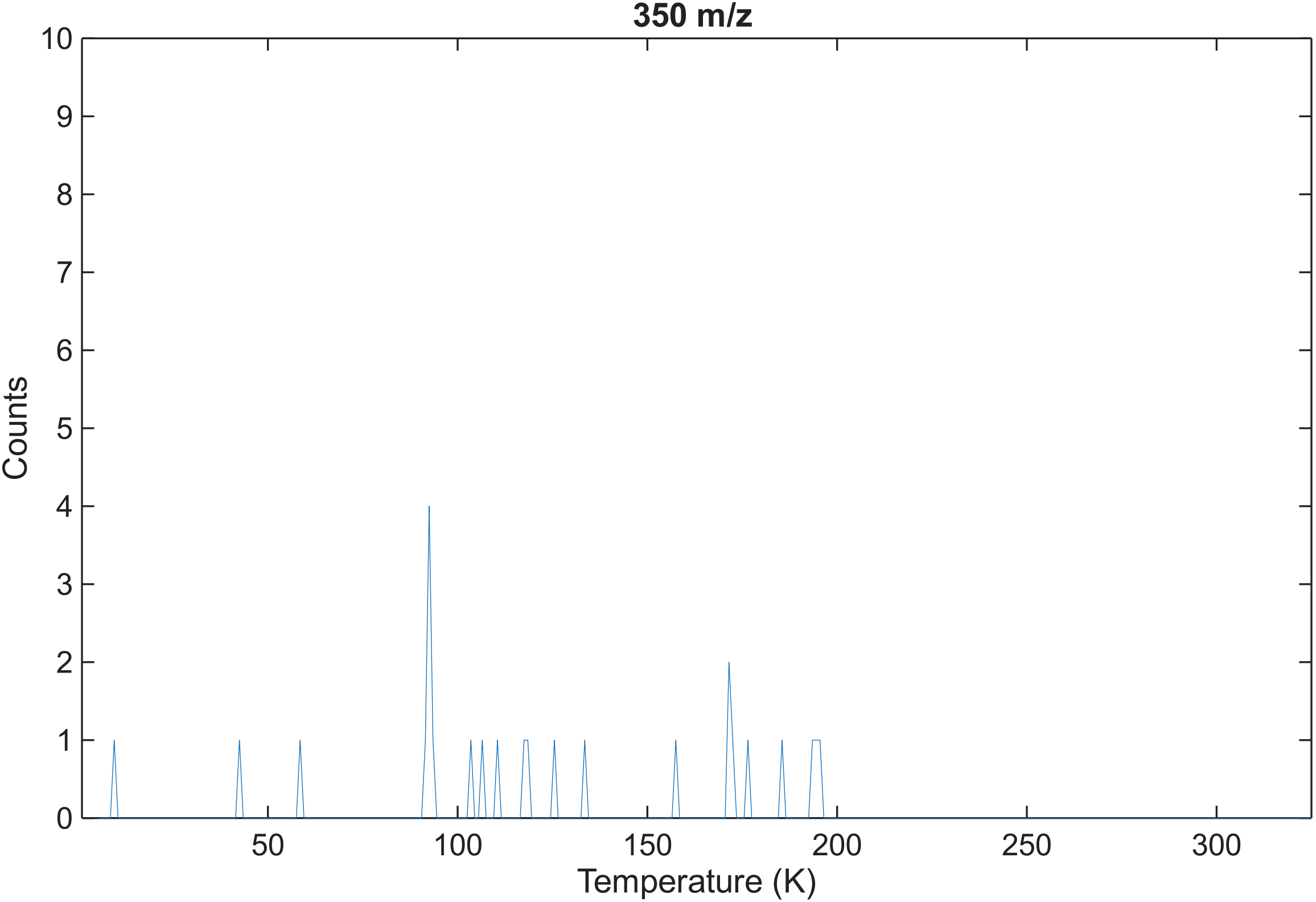

345 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

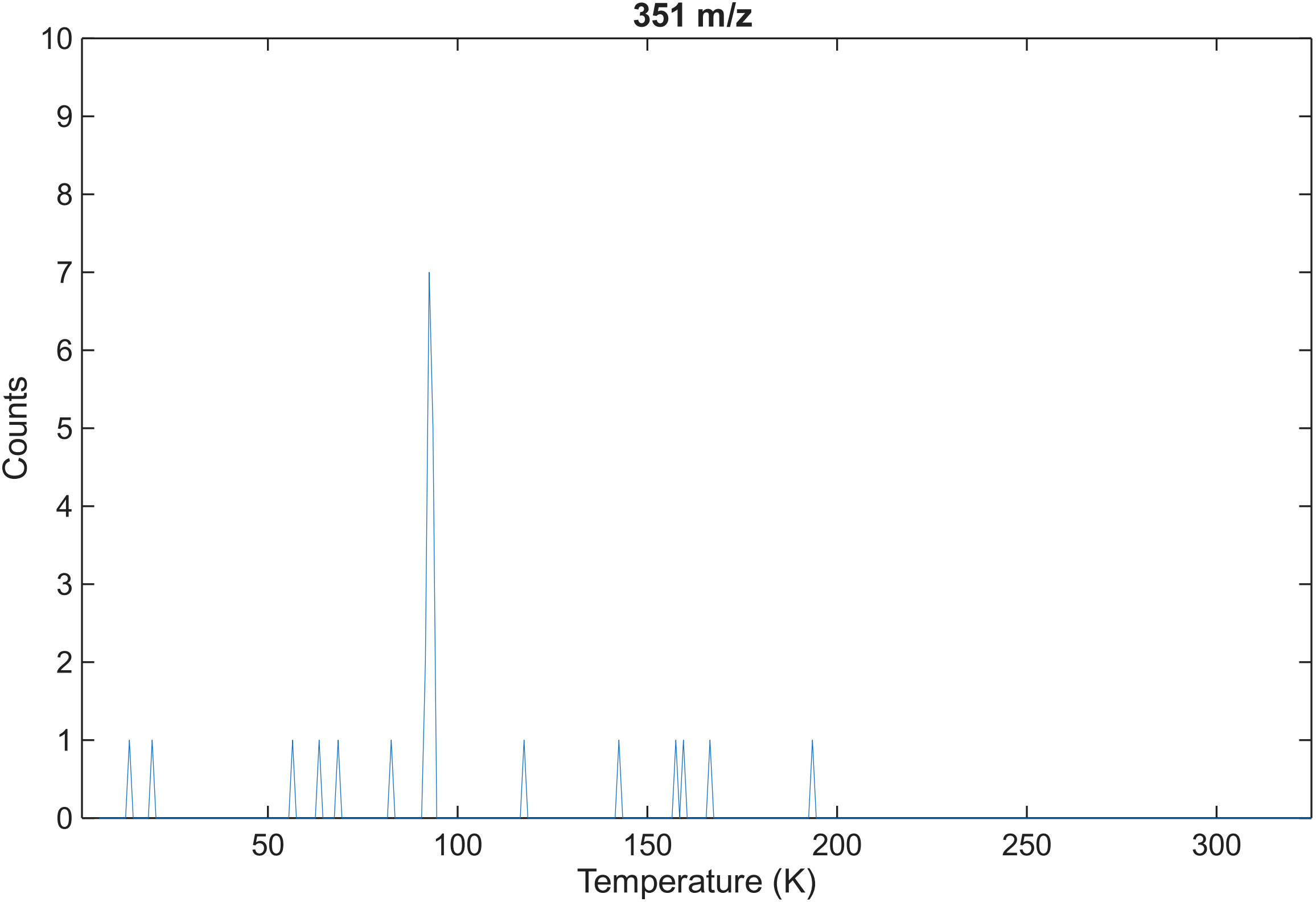

346 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

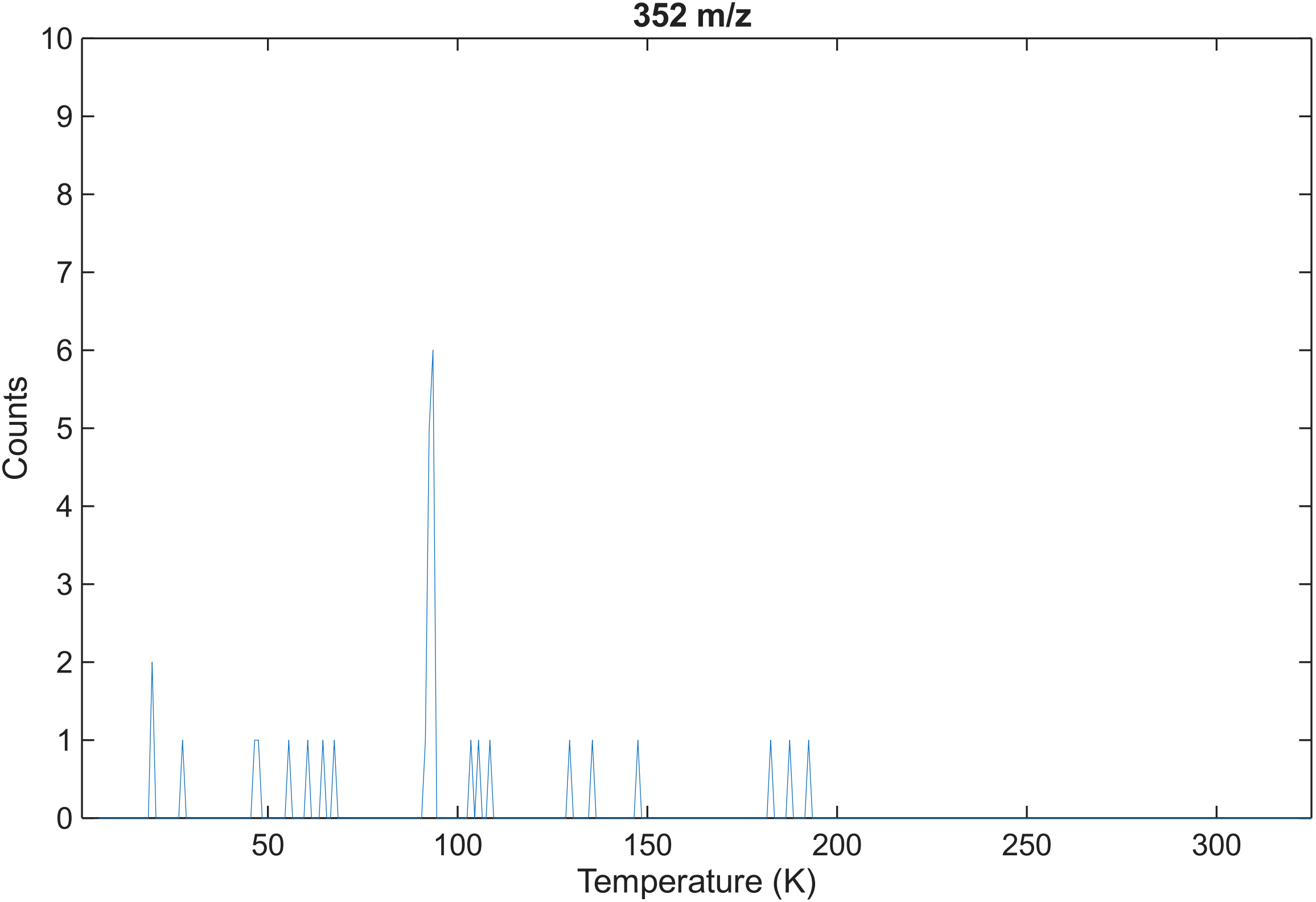

347 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

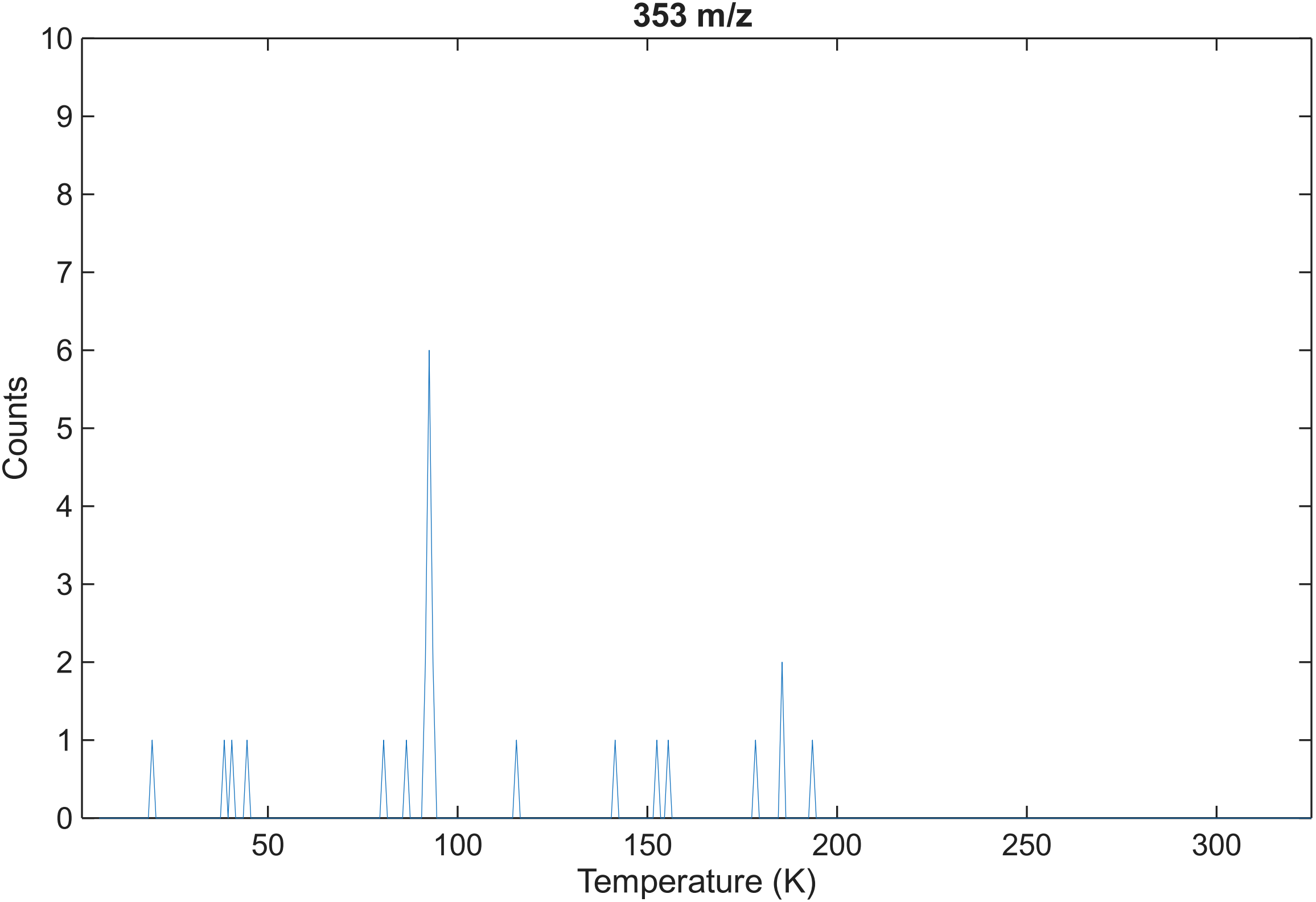

348 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

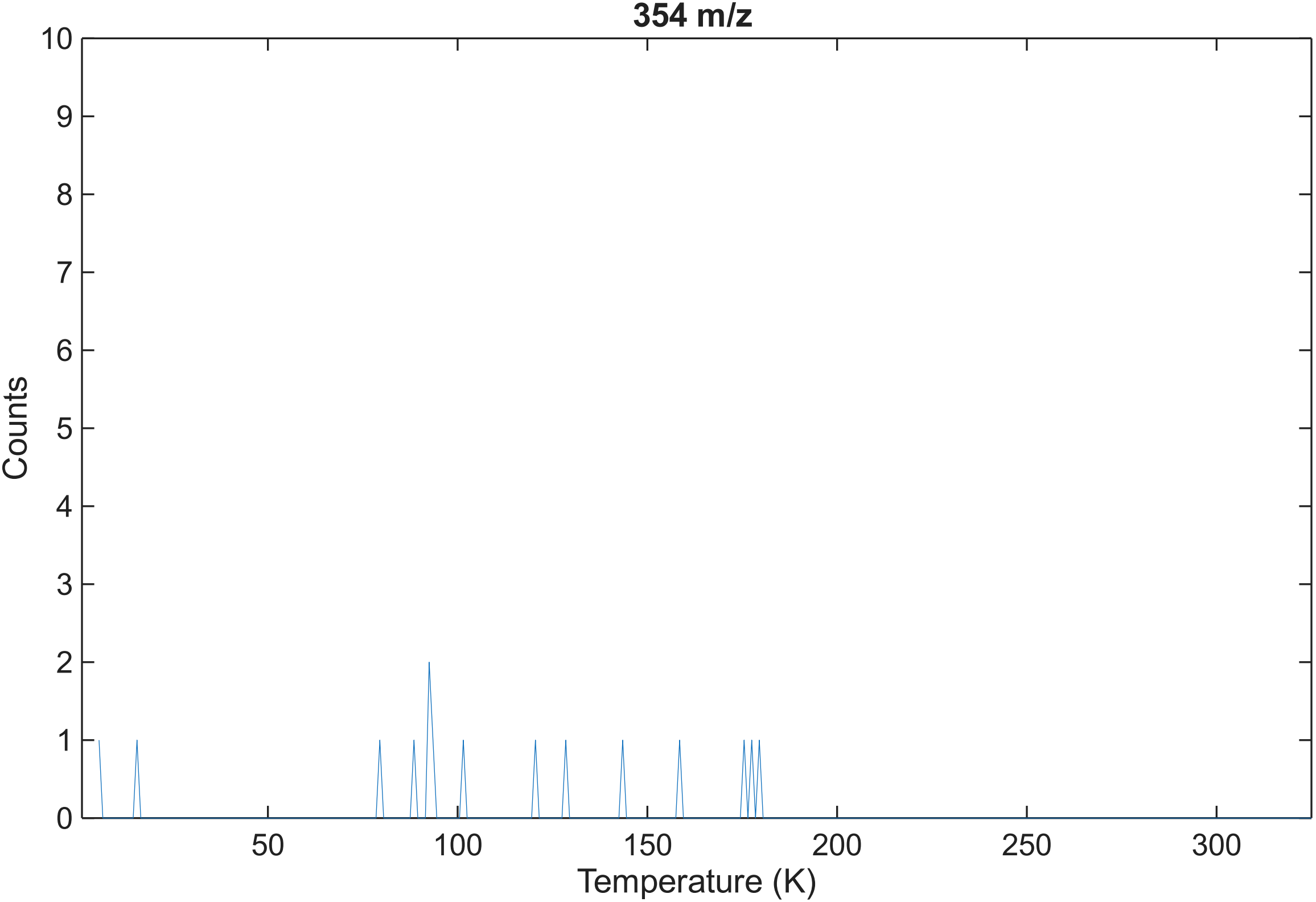

349 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

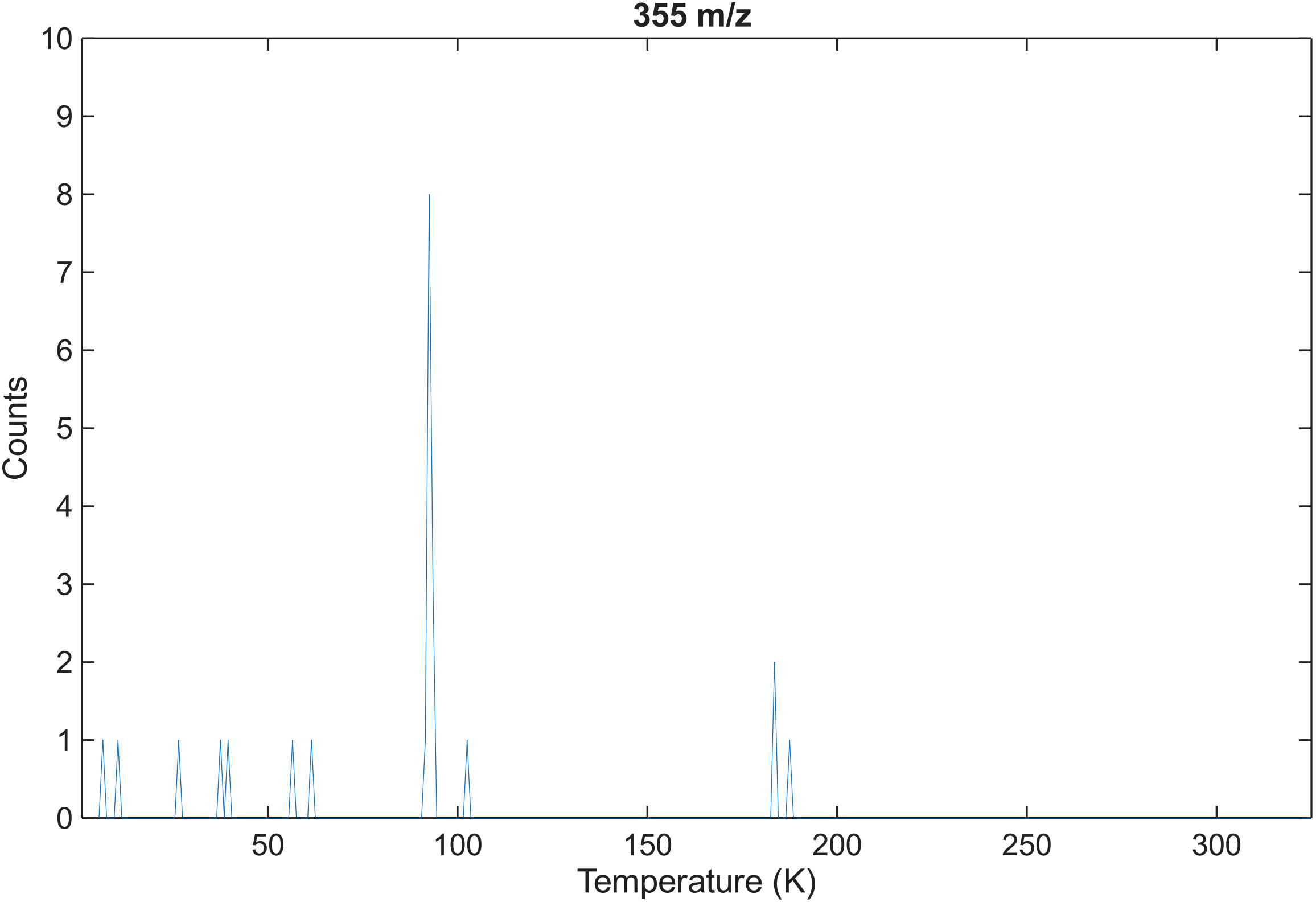

350 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

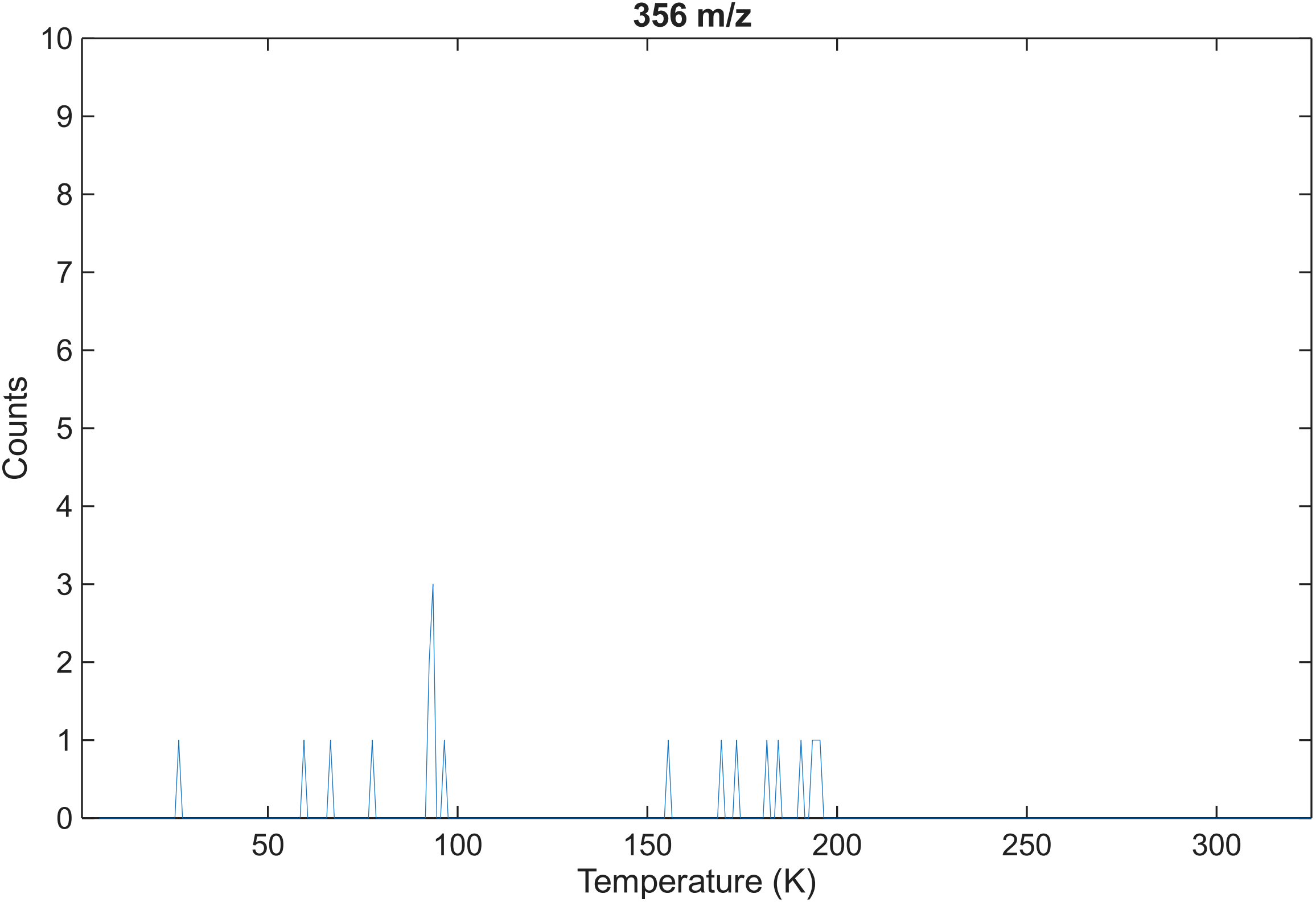

351 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

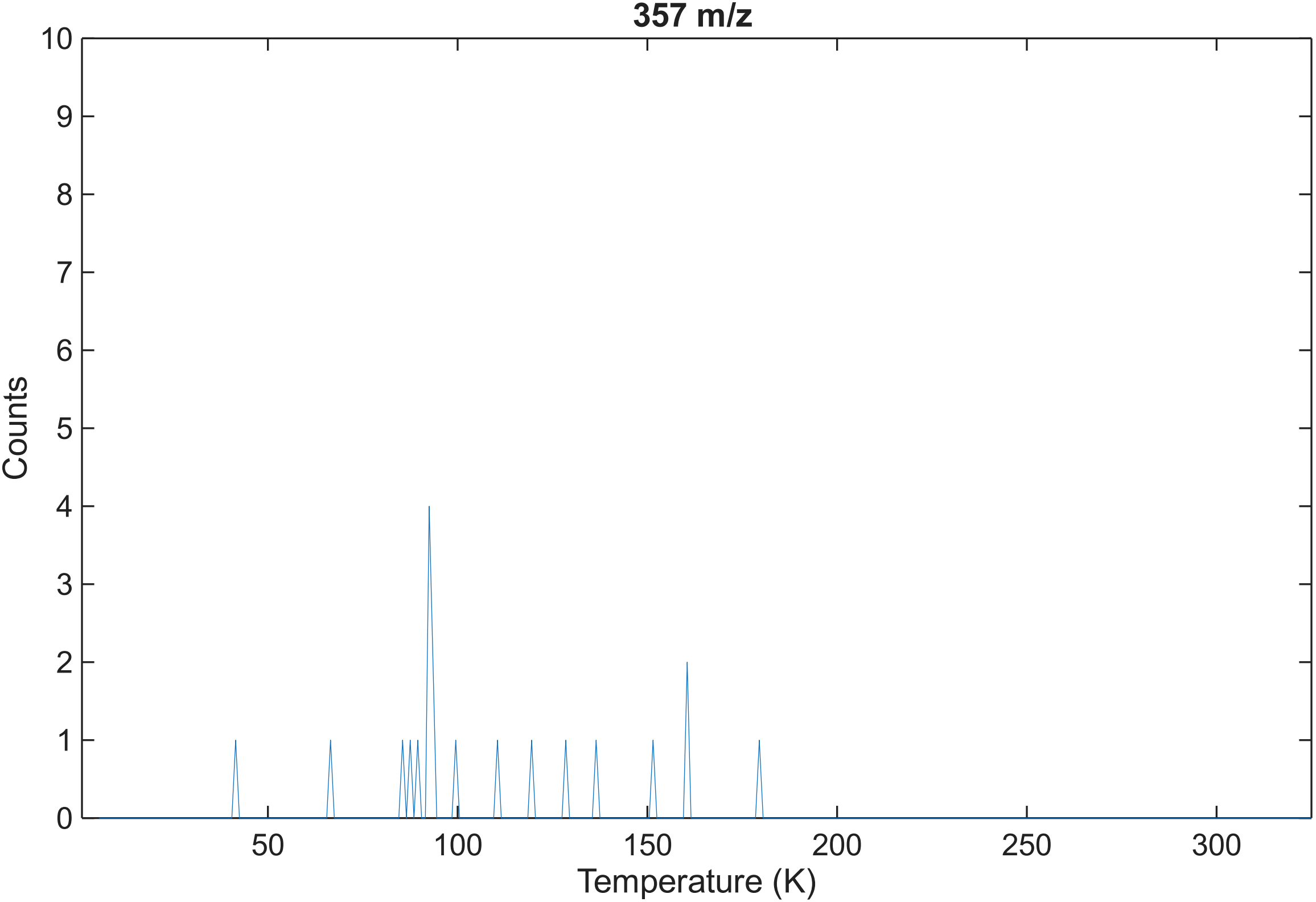

352 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

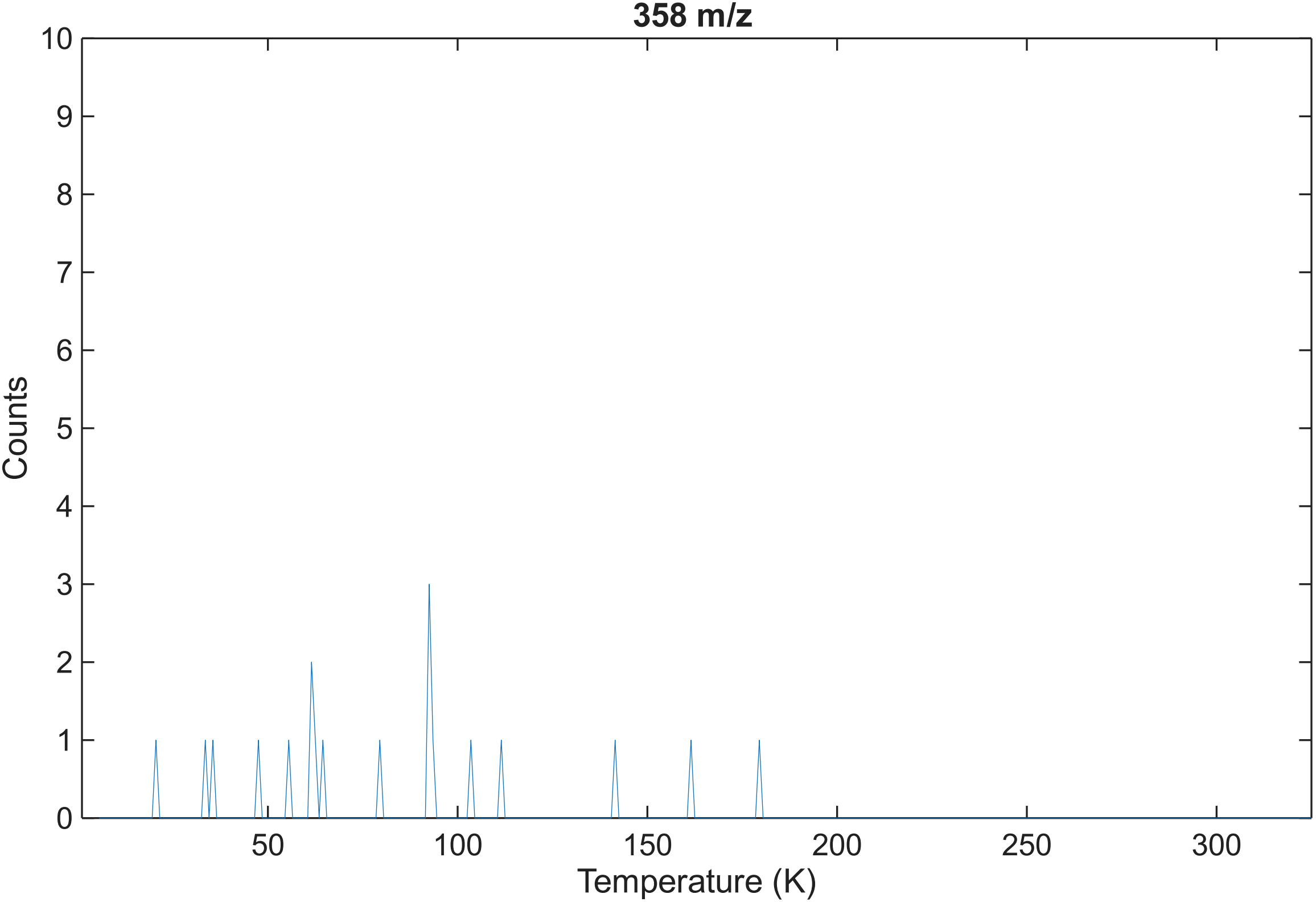

353 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

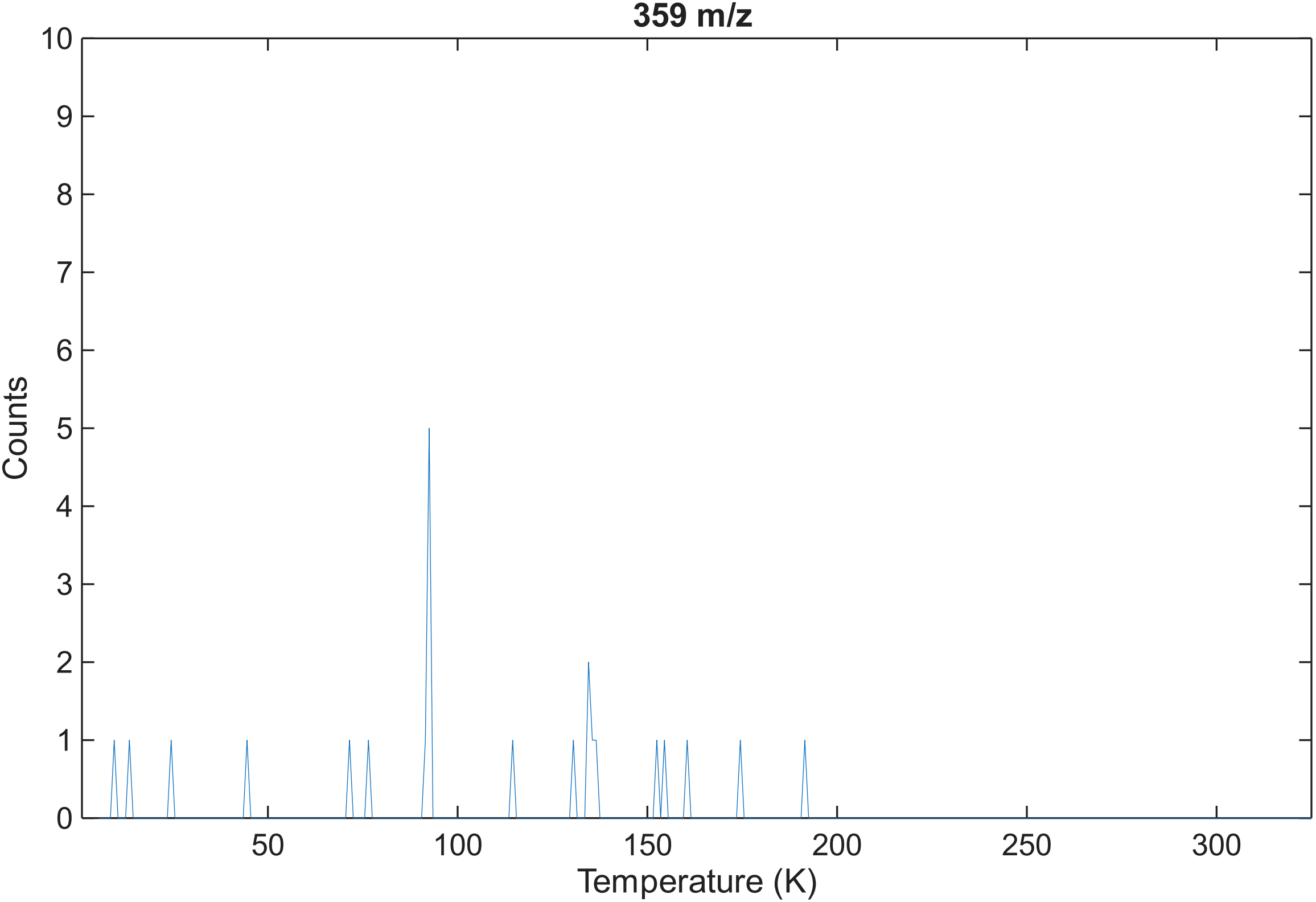

354 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

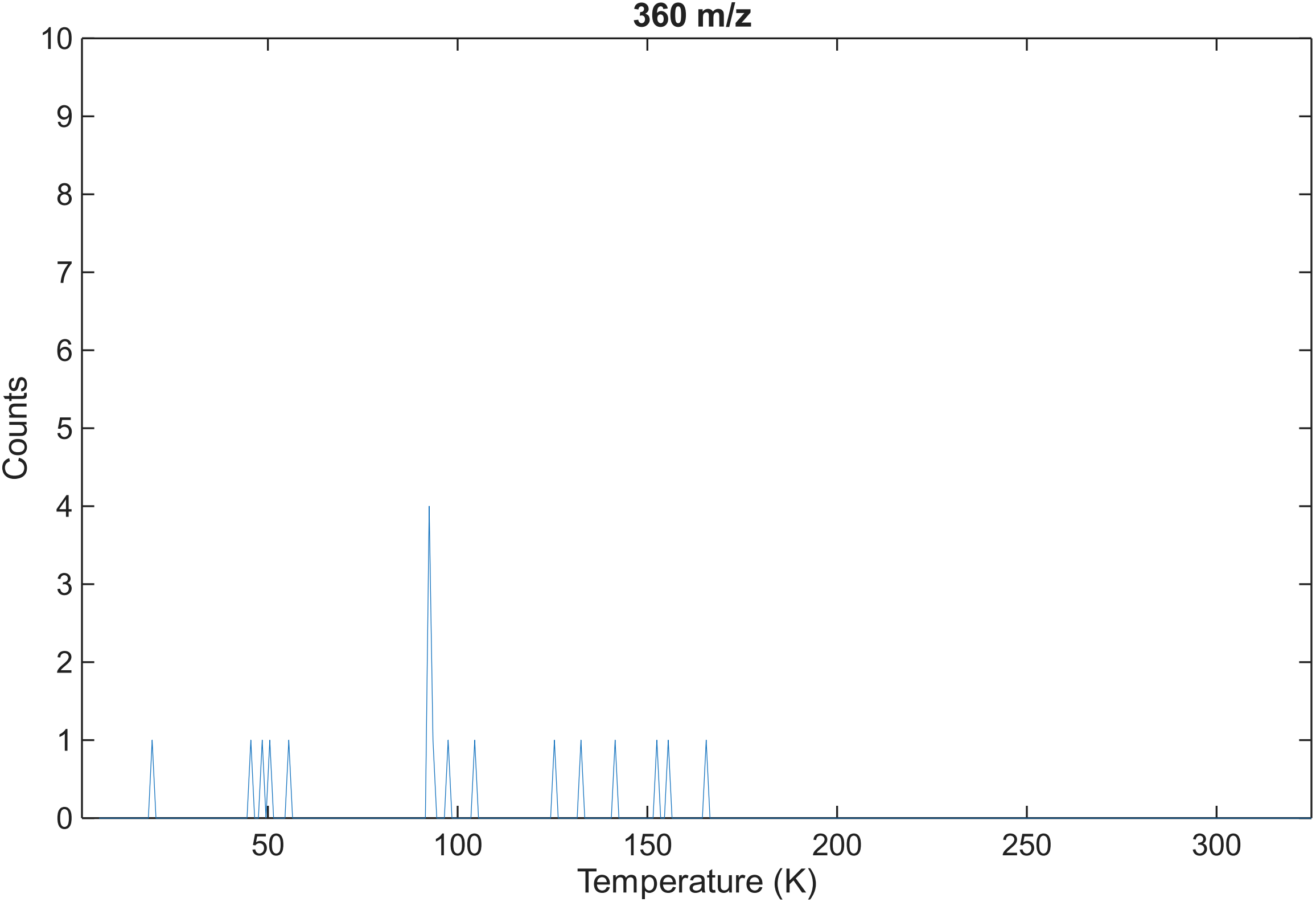

355 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

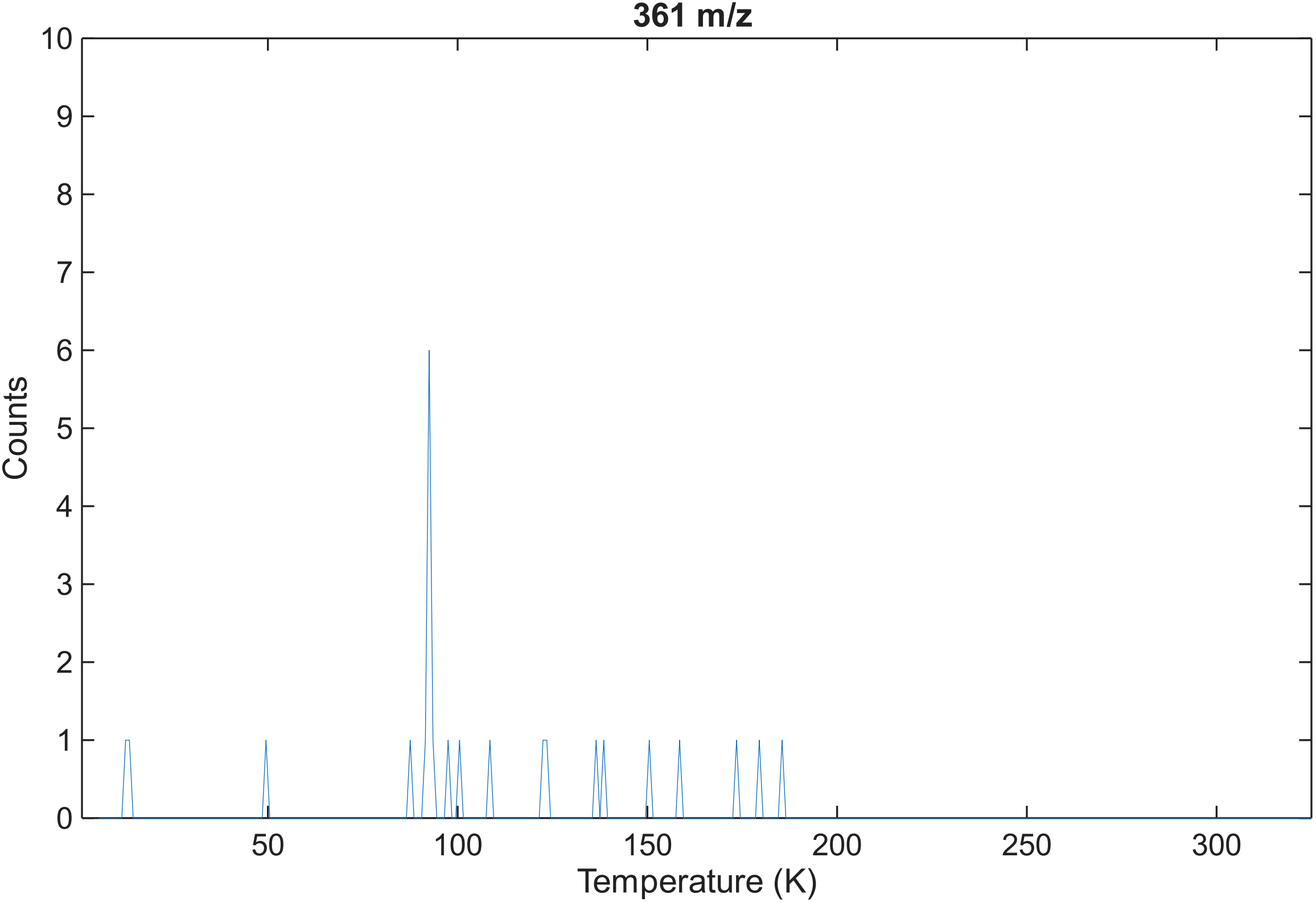

356 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

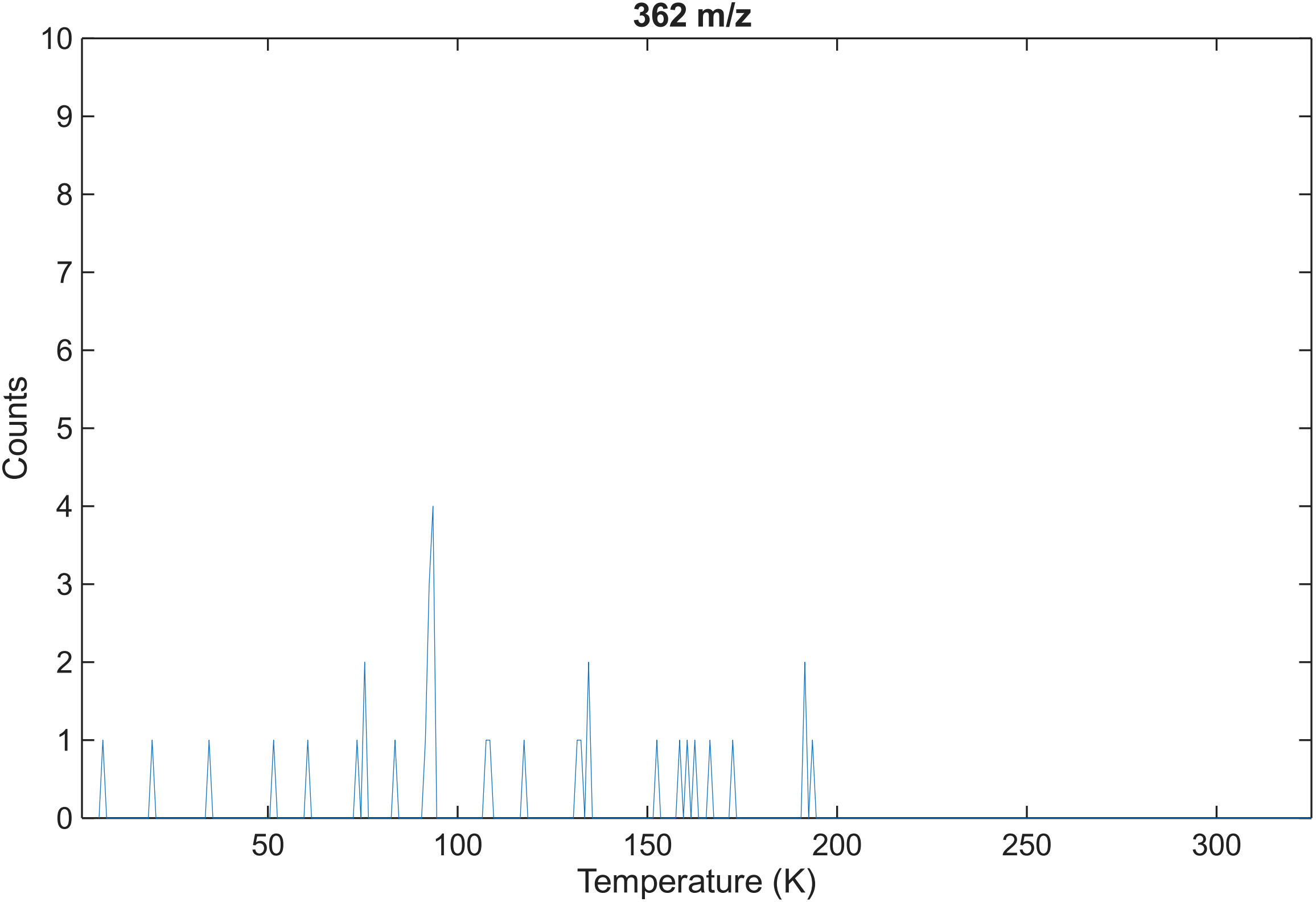

357 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

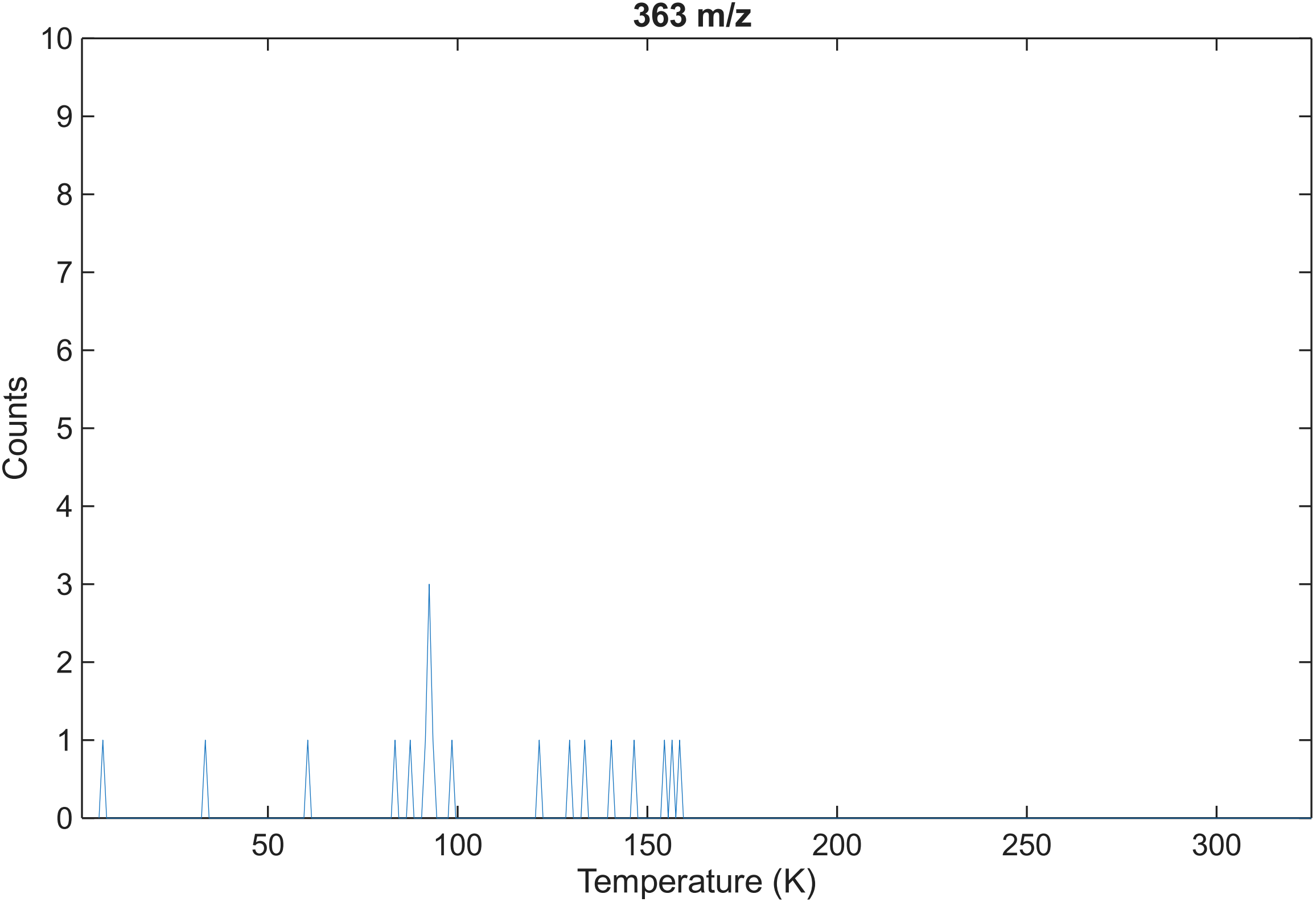

358 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

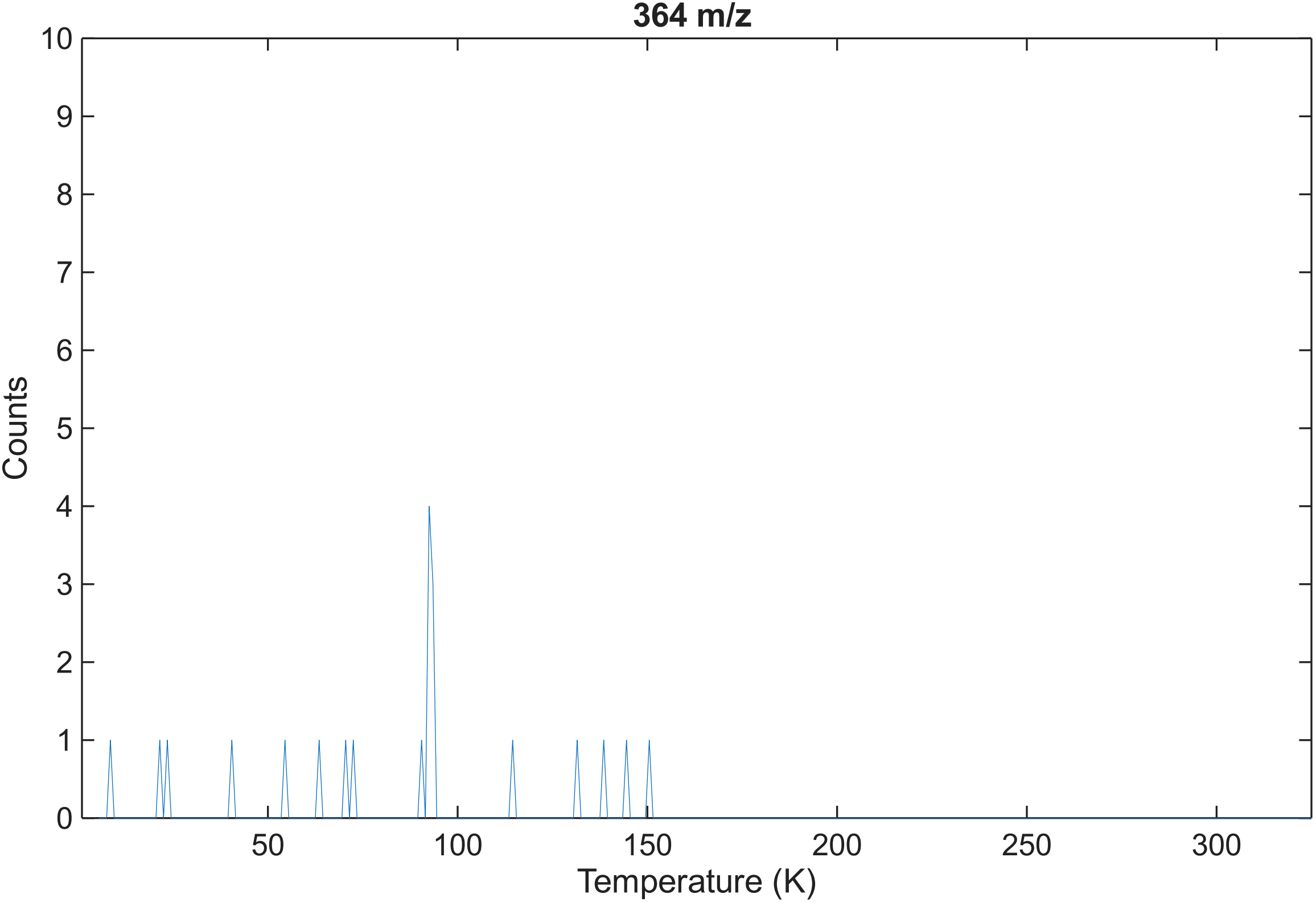

359 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

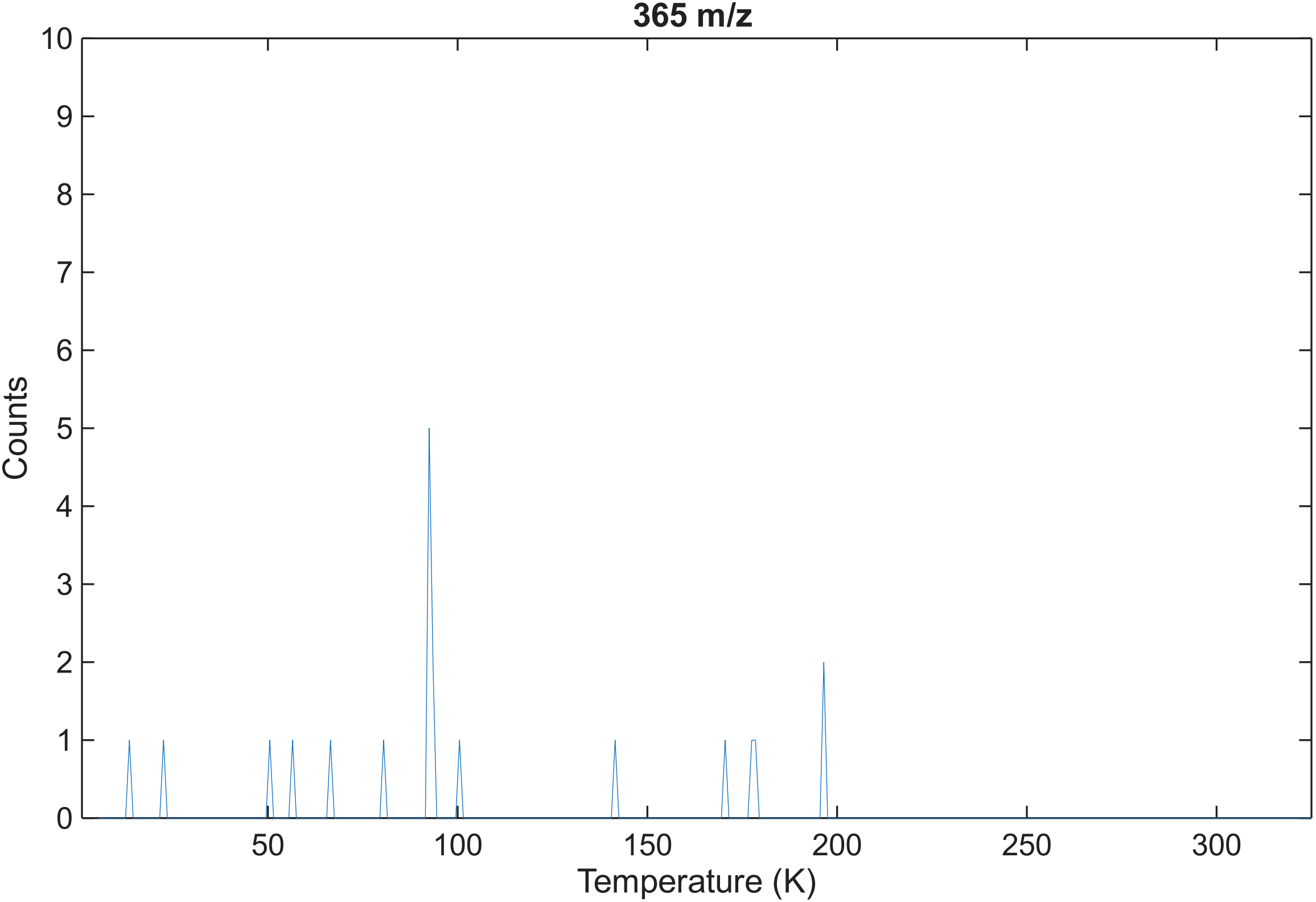

360 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

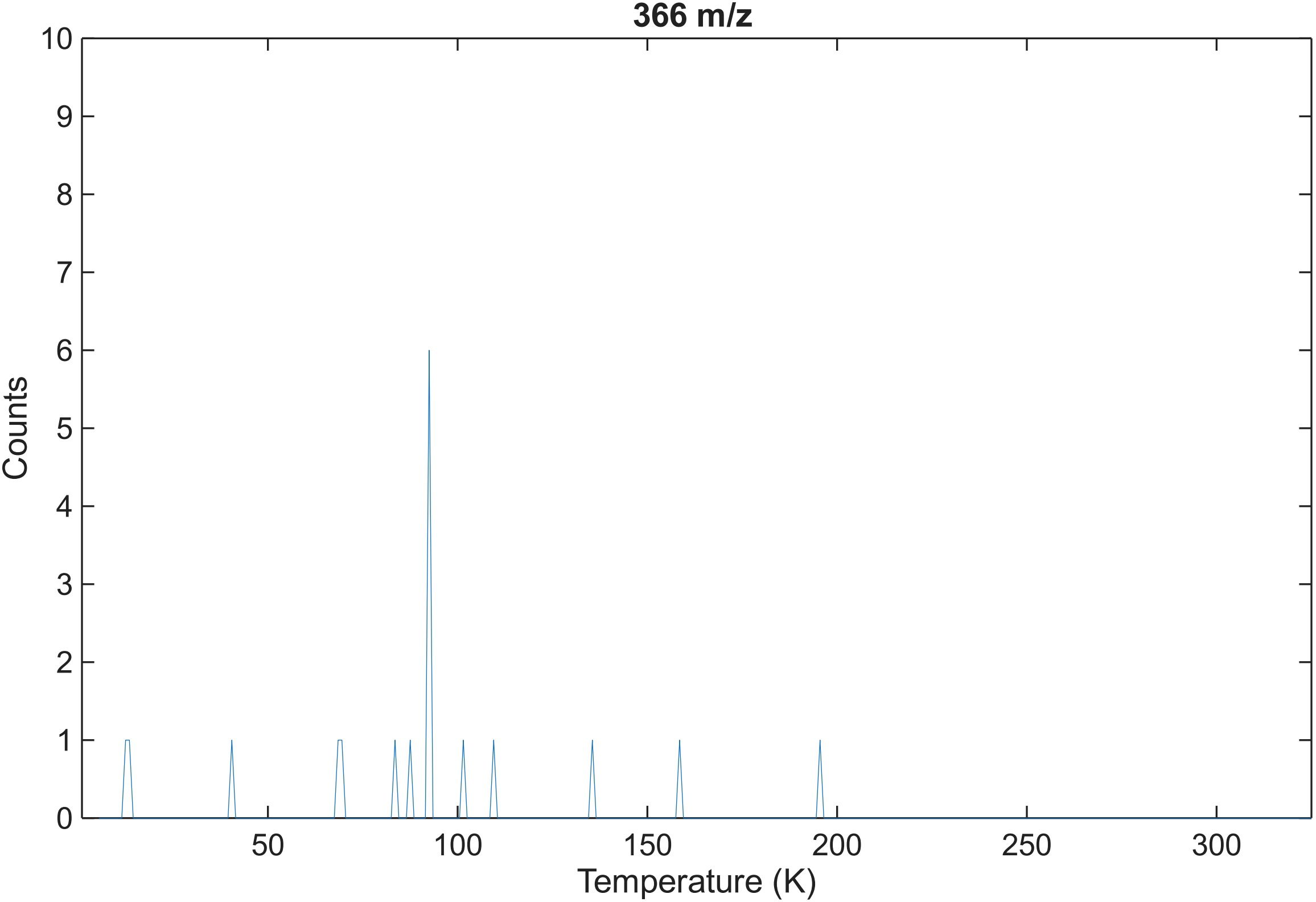

361 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

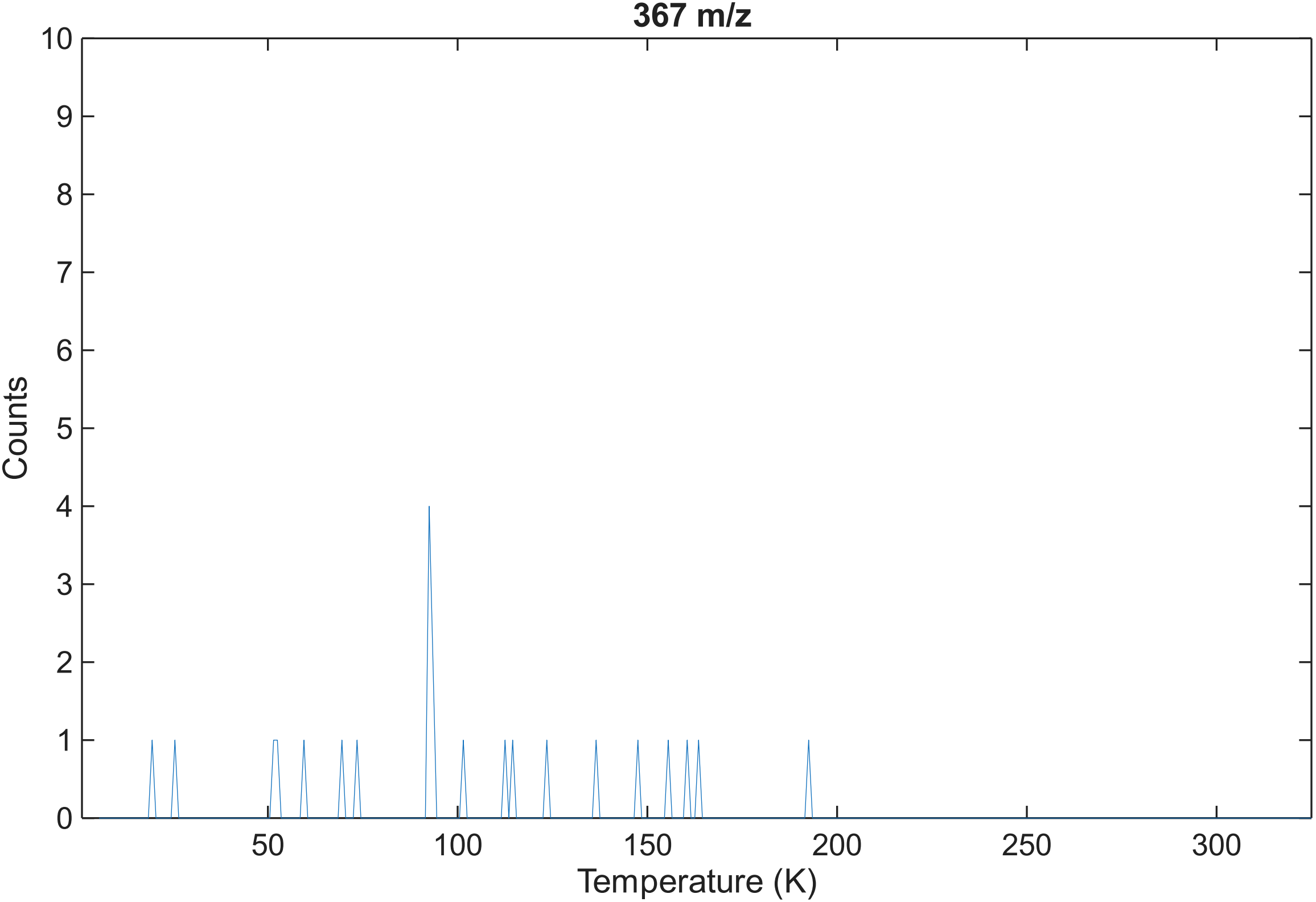

362 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

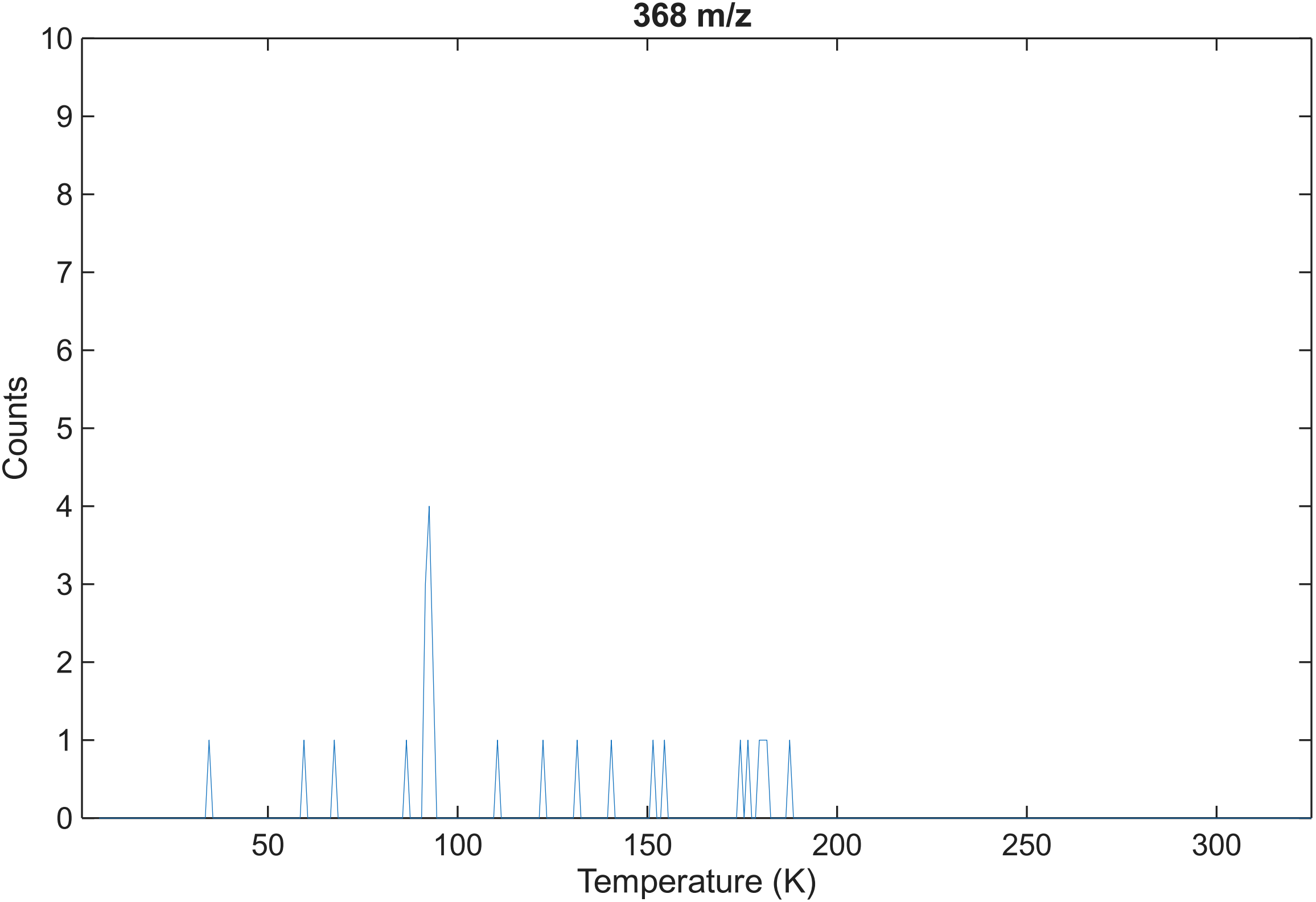

363 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

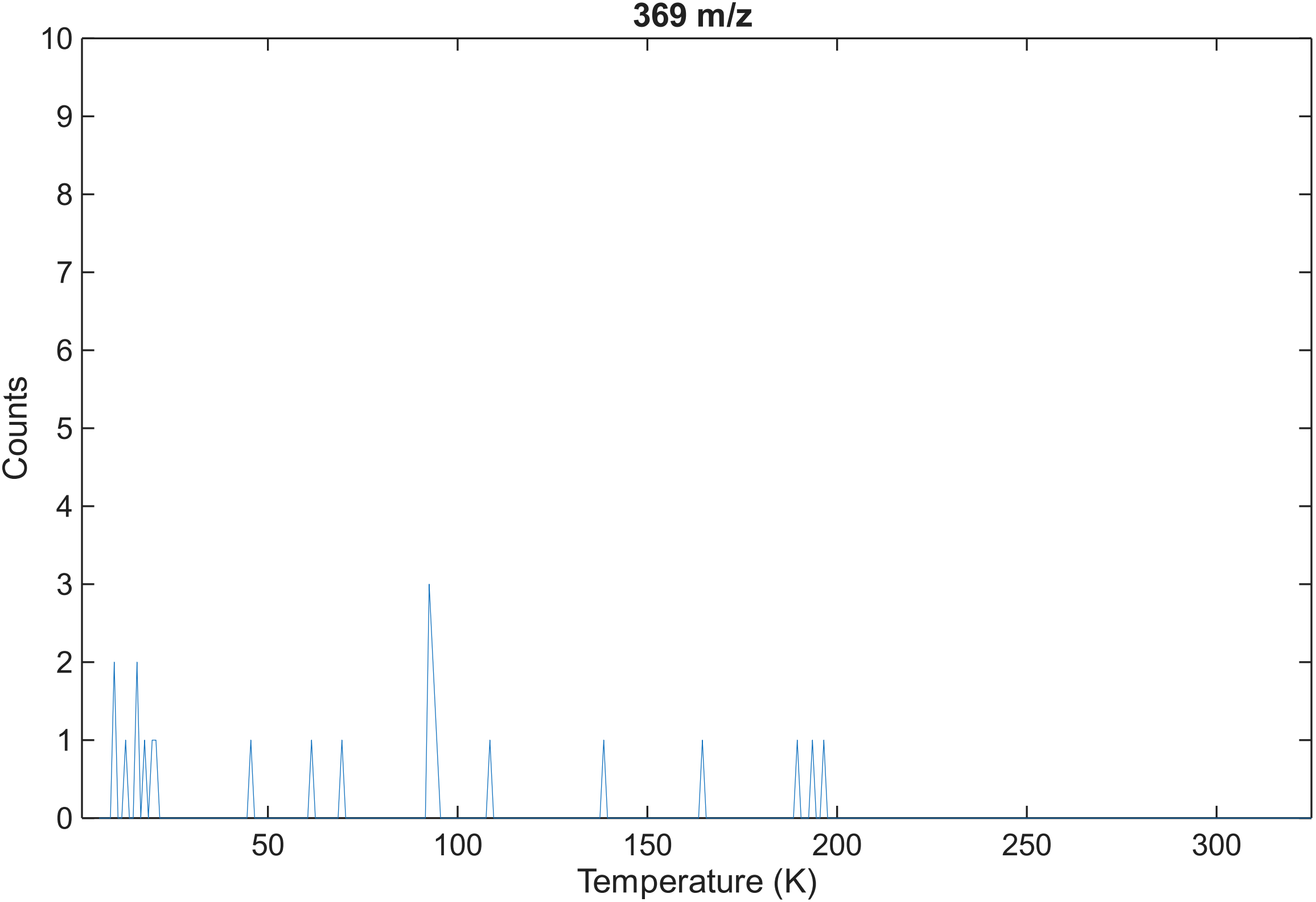

364 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

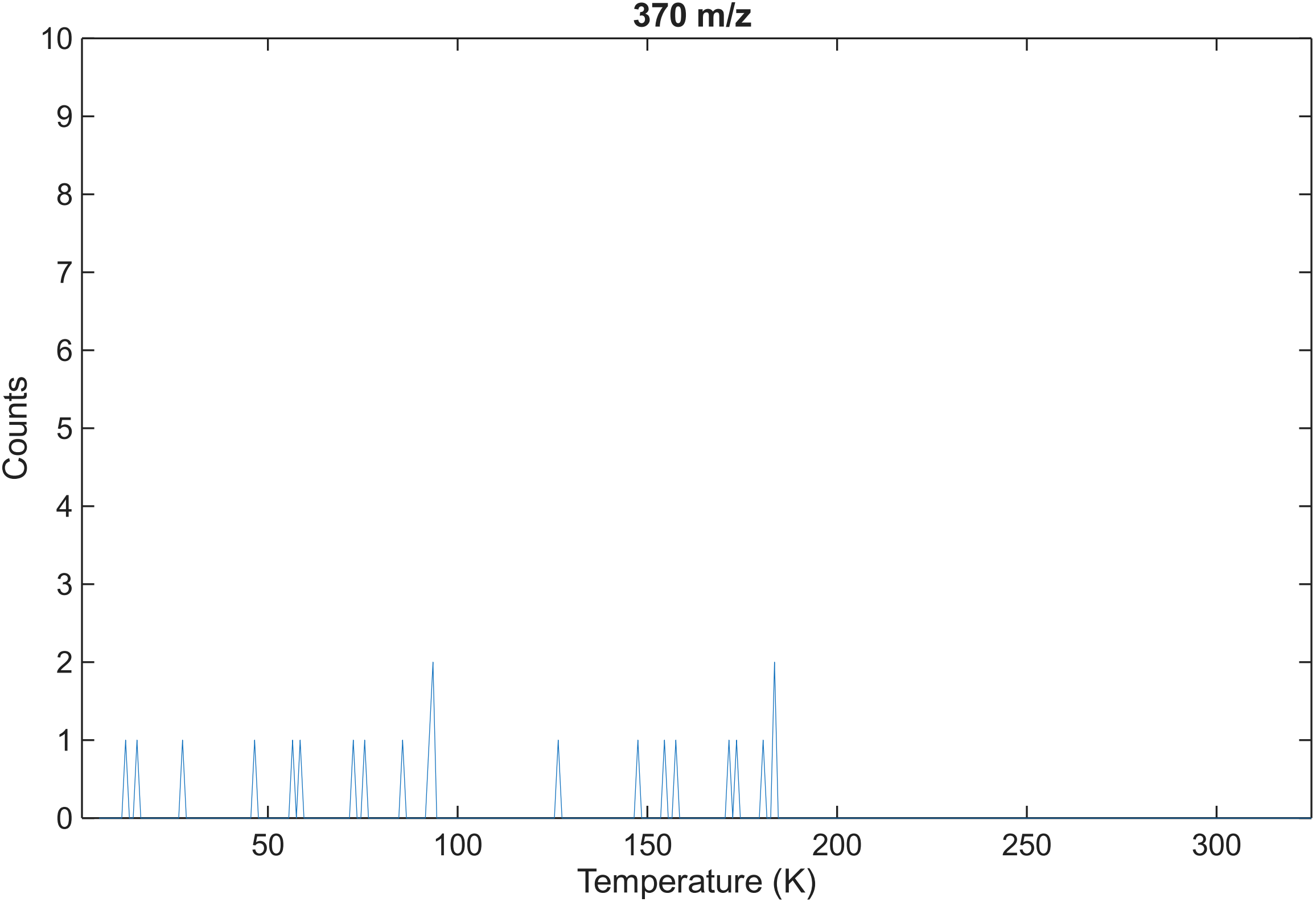

365 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

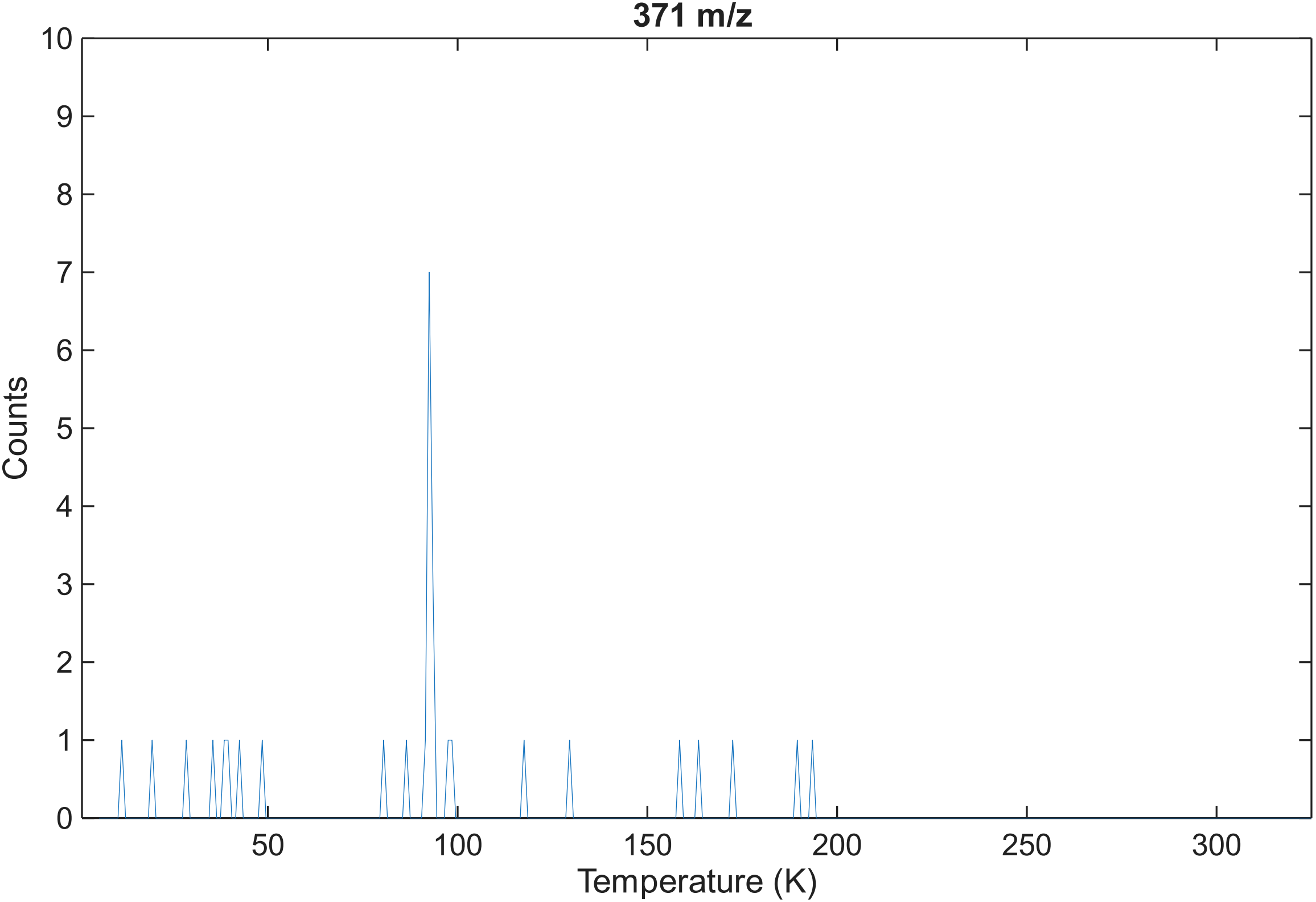

366 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

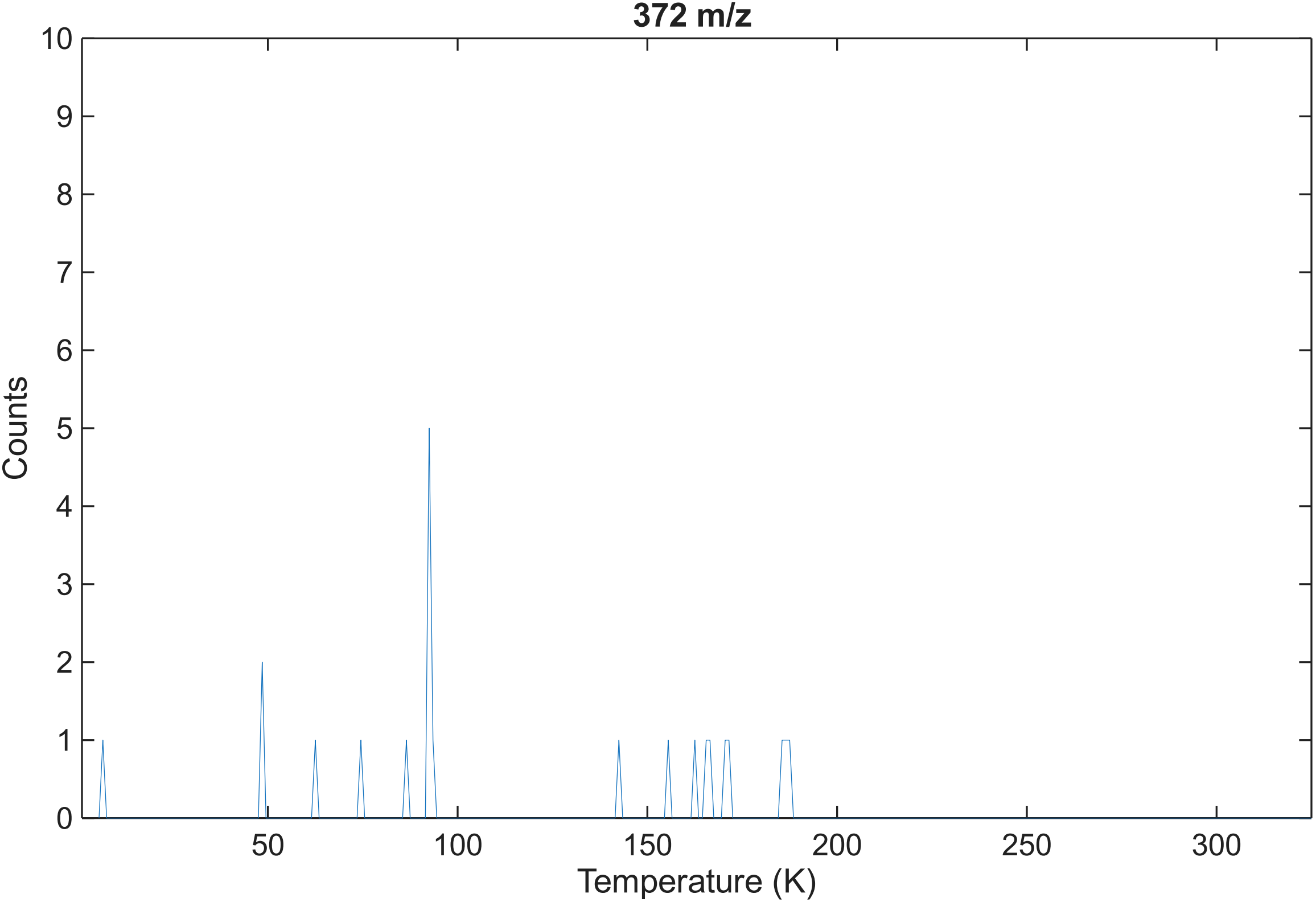

367 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

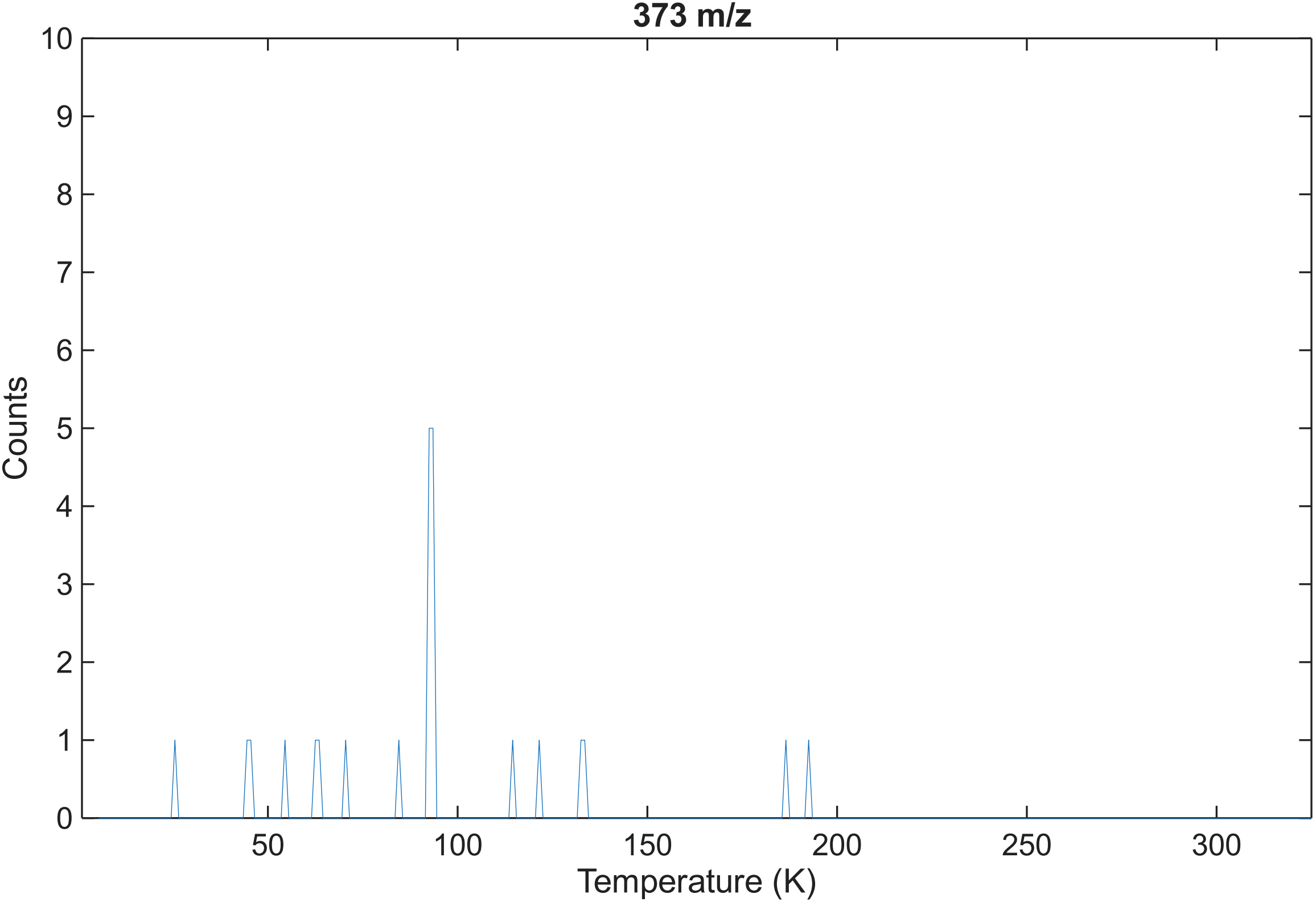

368 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

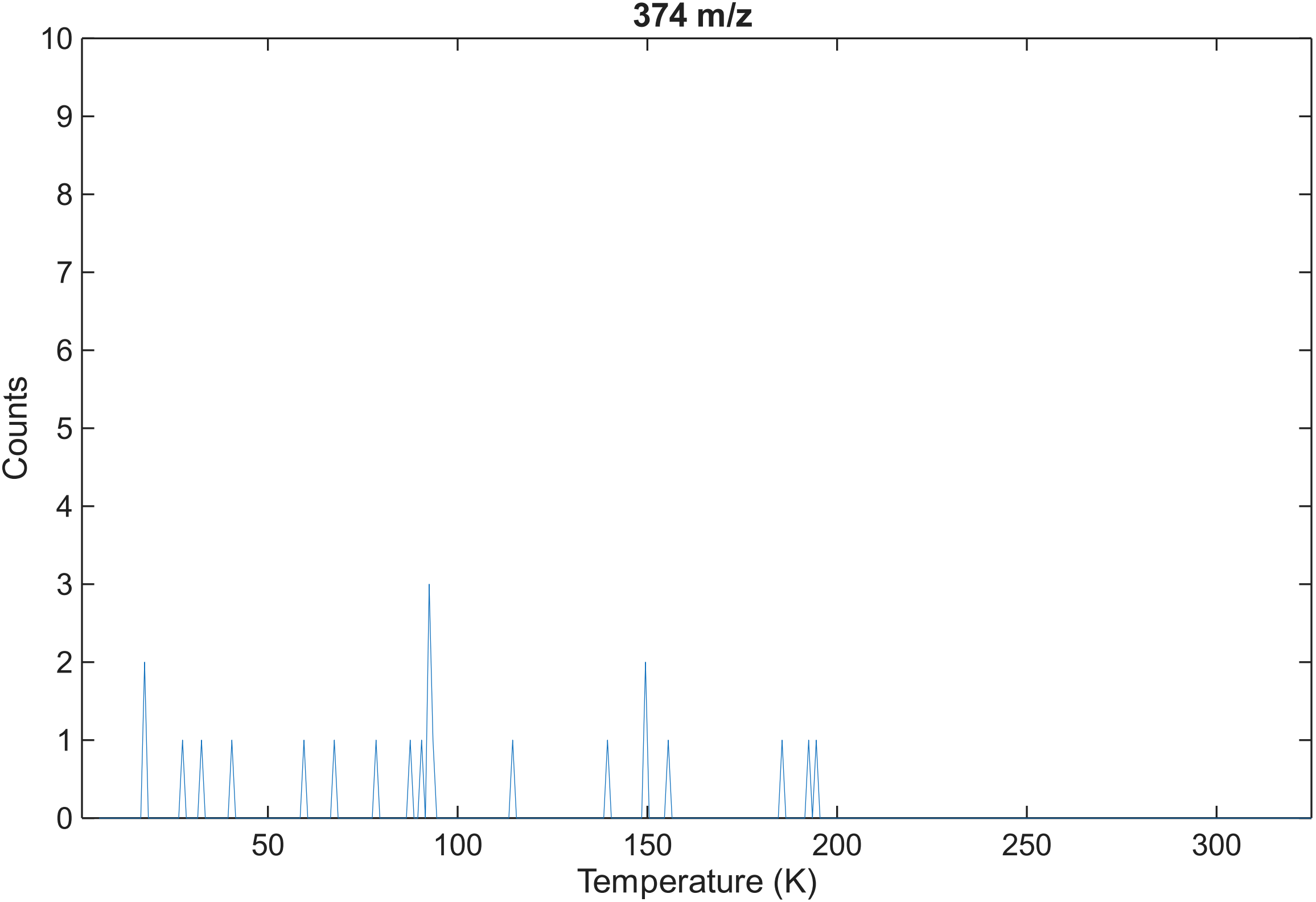

369 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

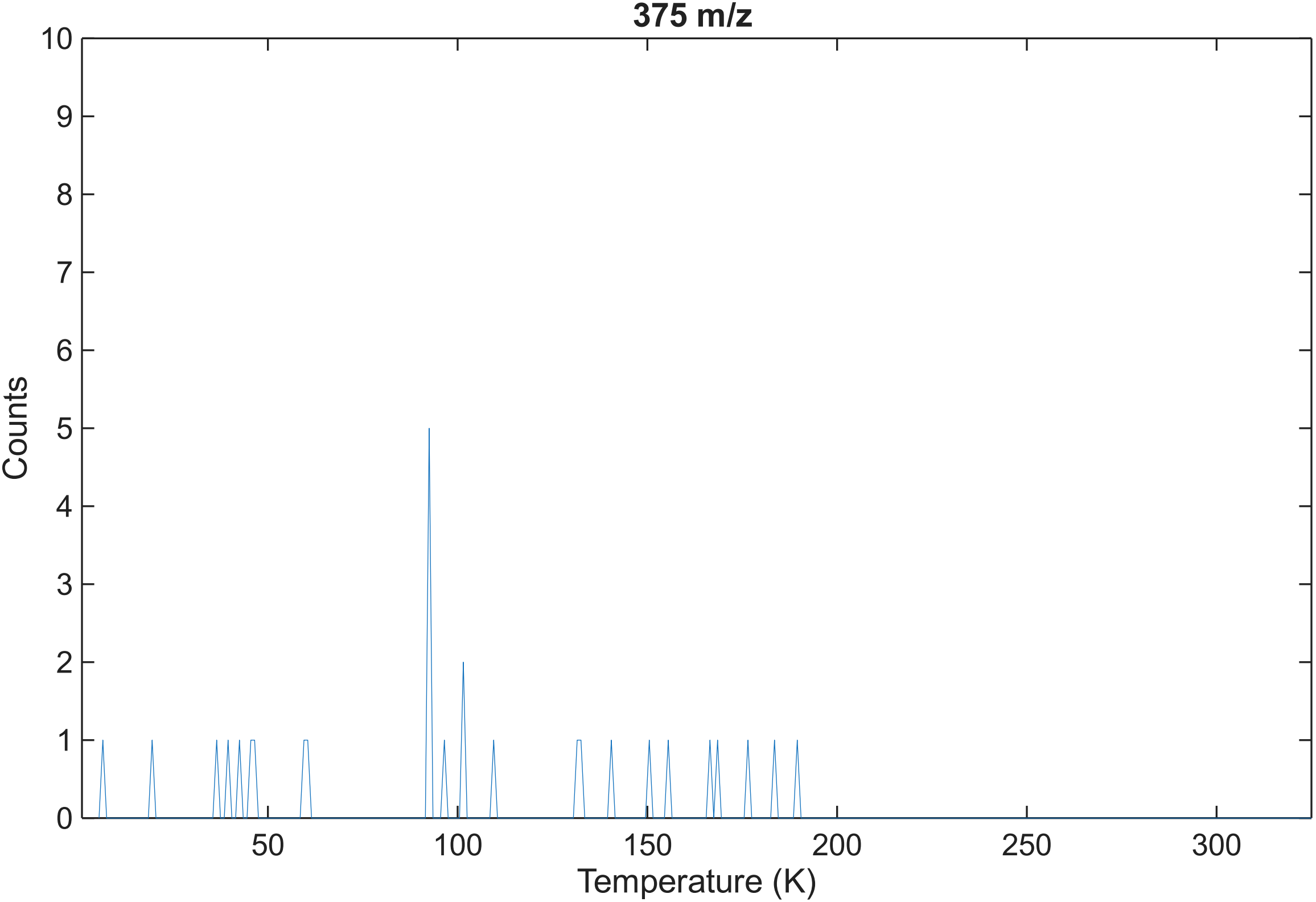

370 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

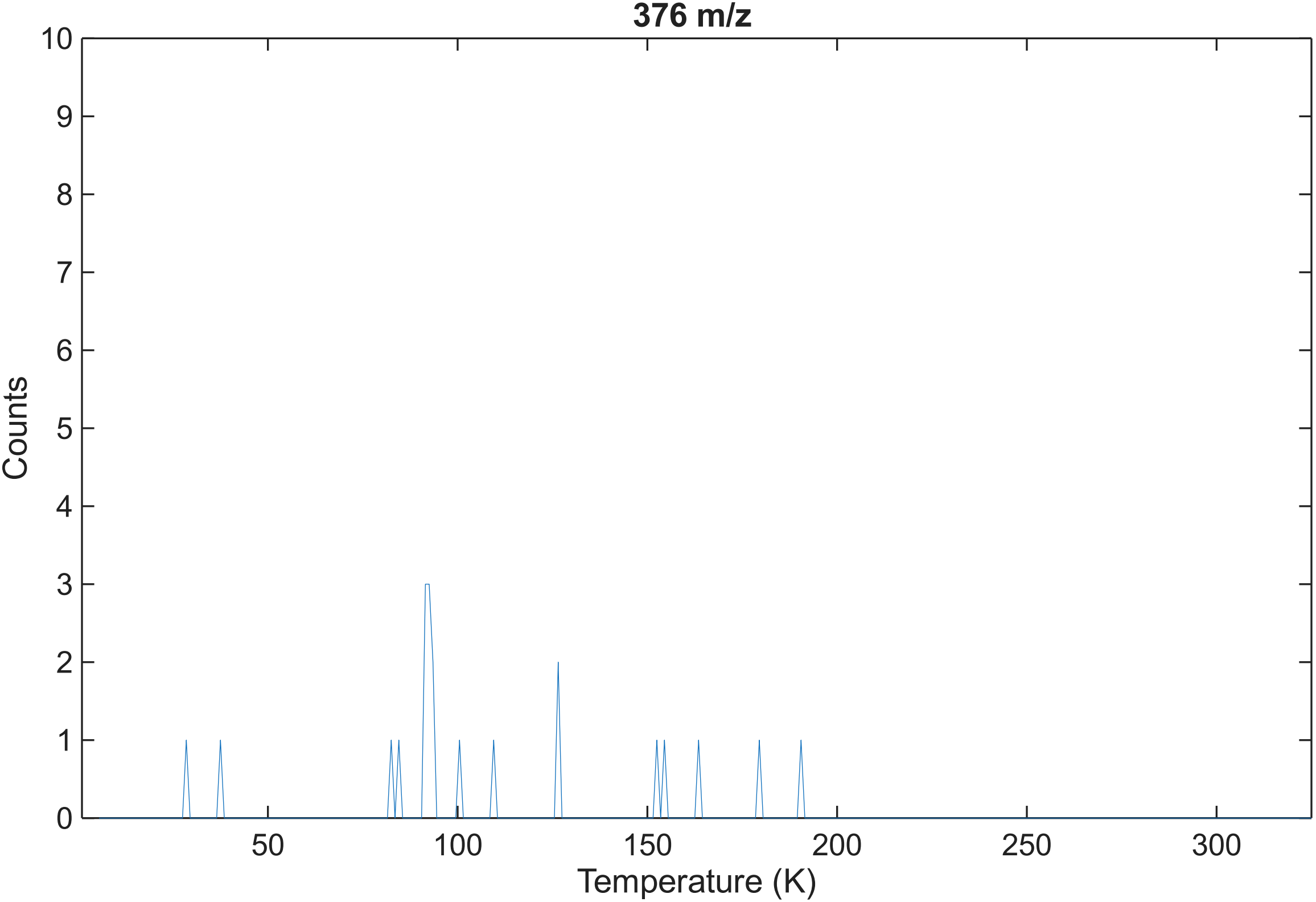

371 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

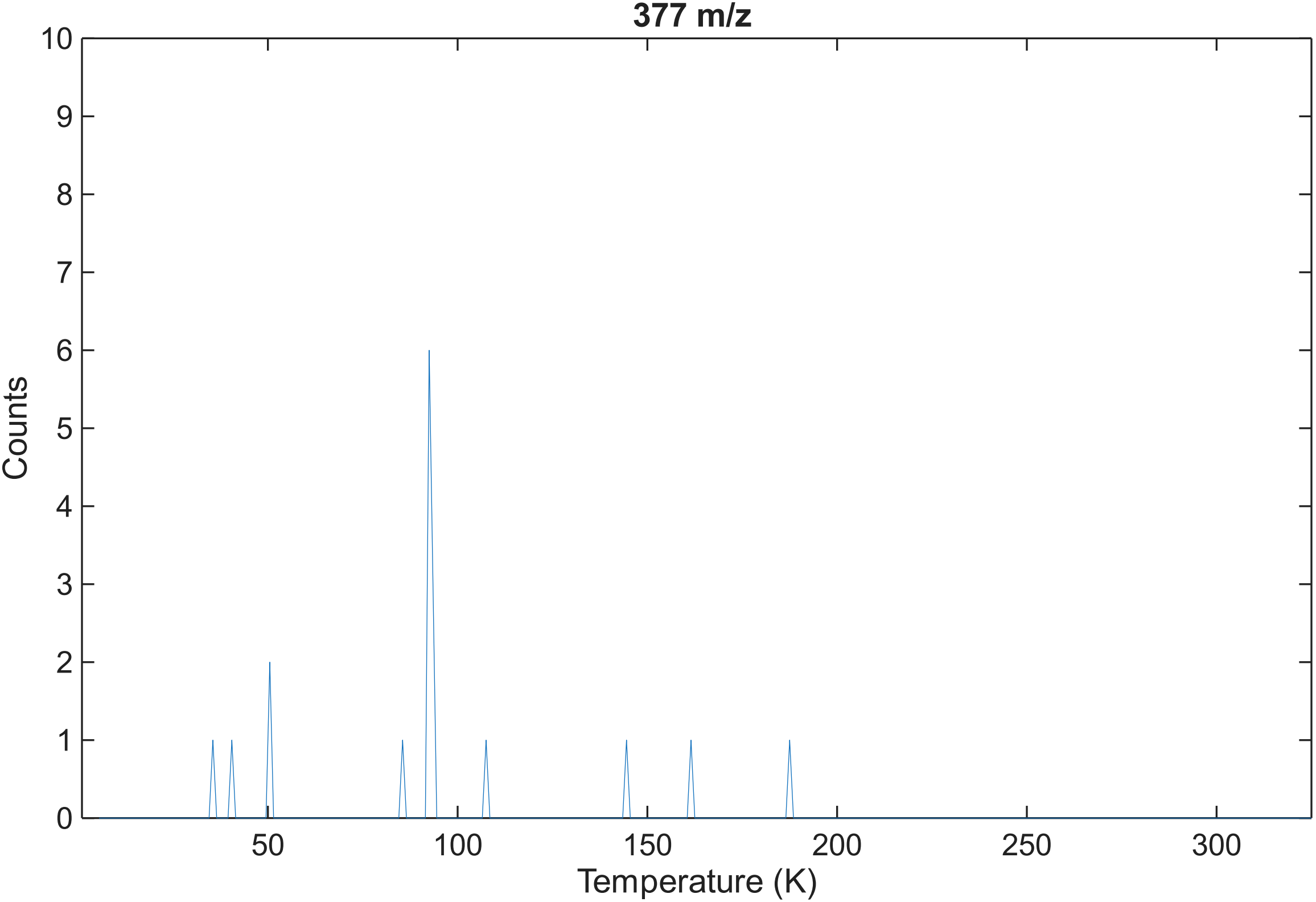

372 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

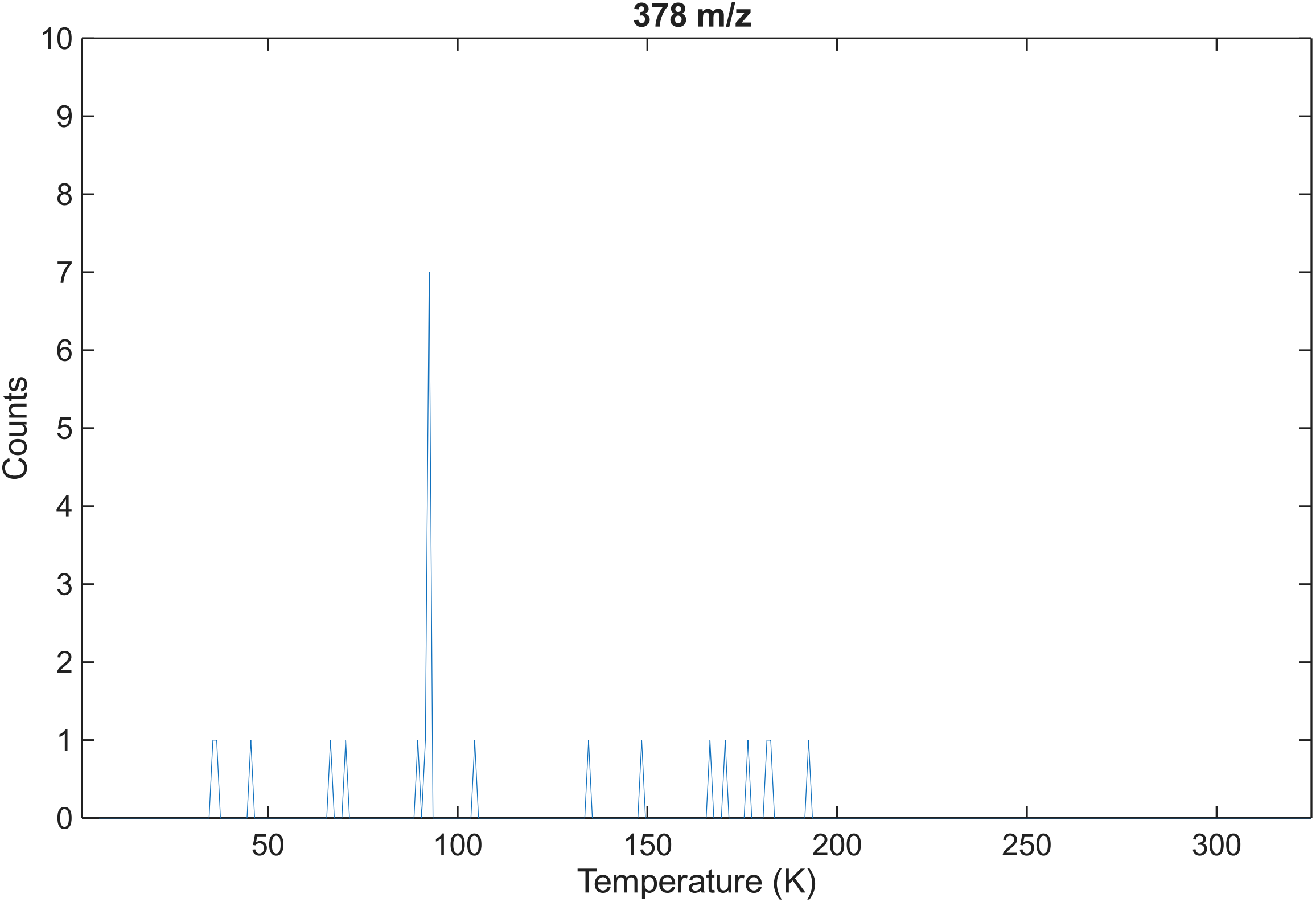

373 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

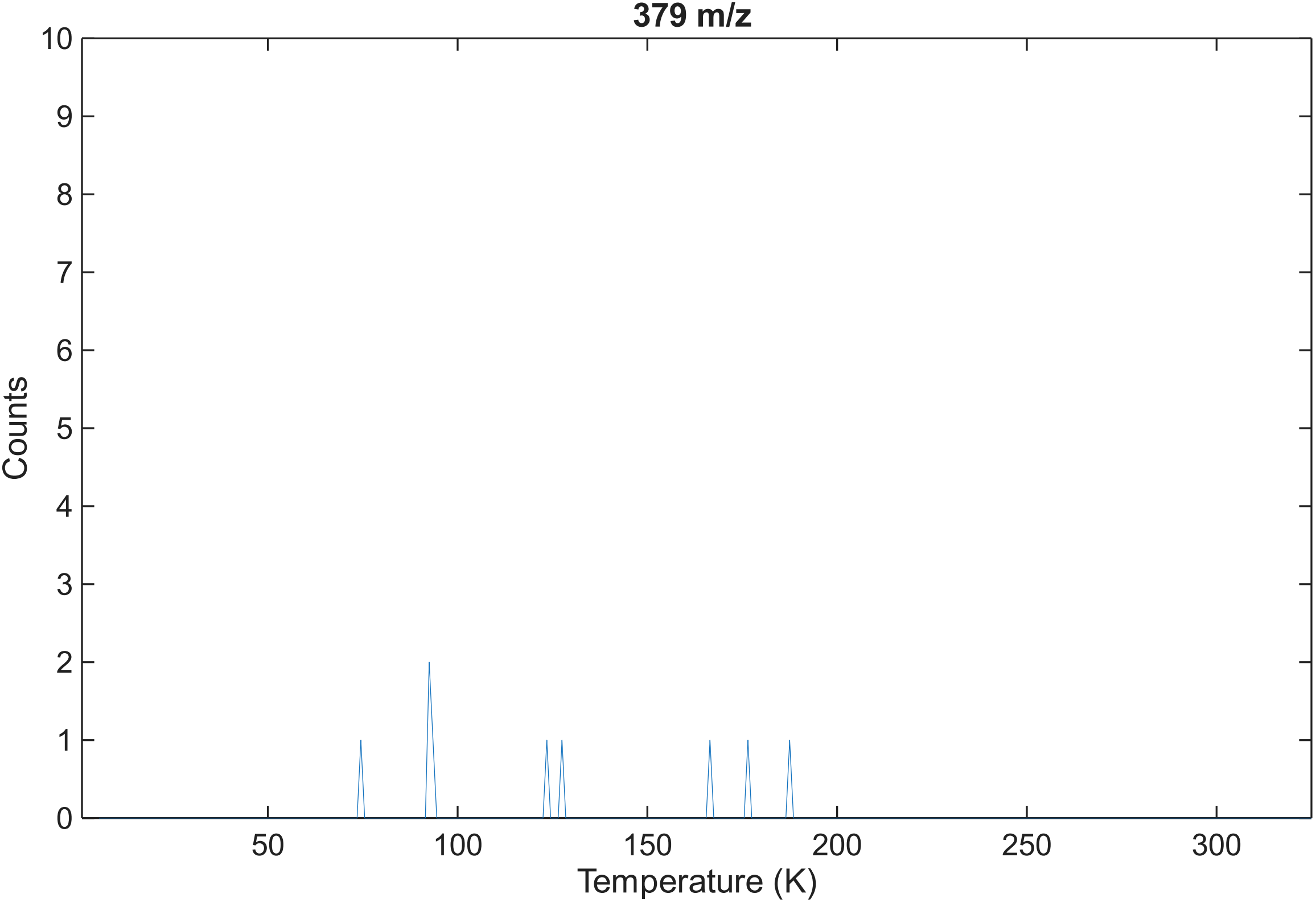

374 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

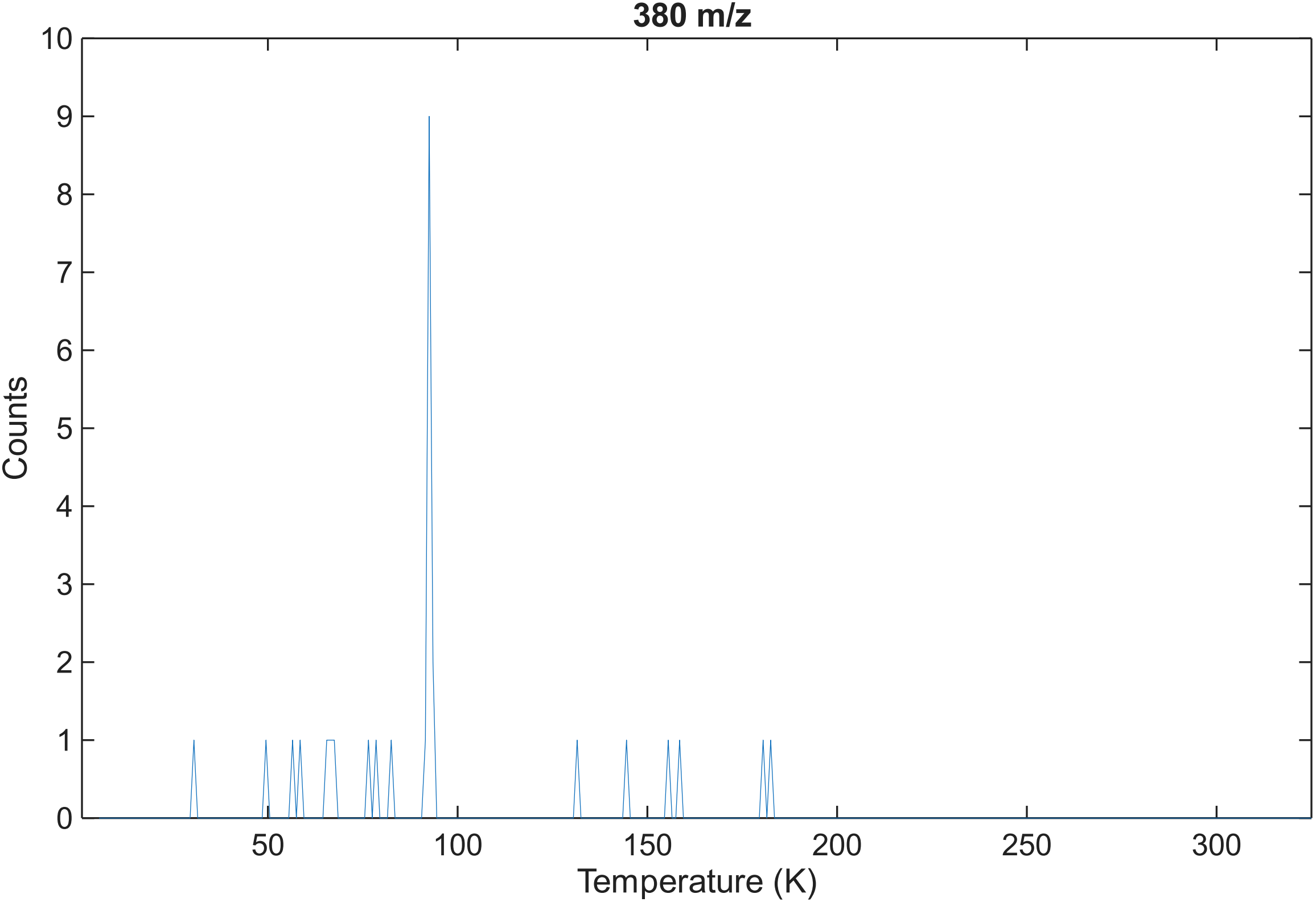

375 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

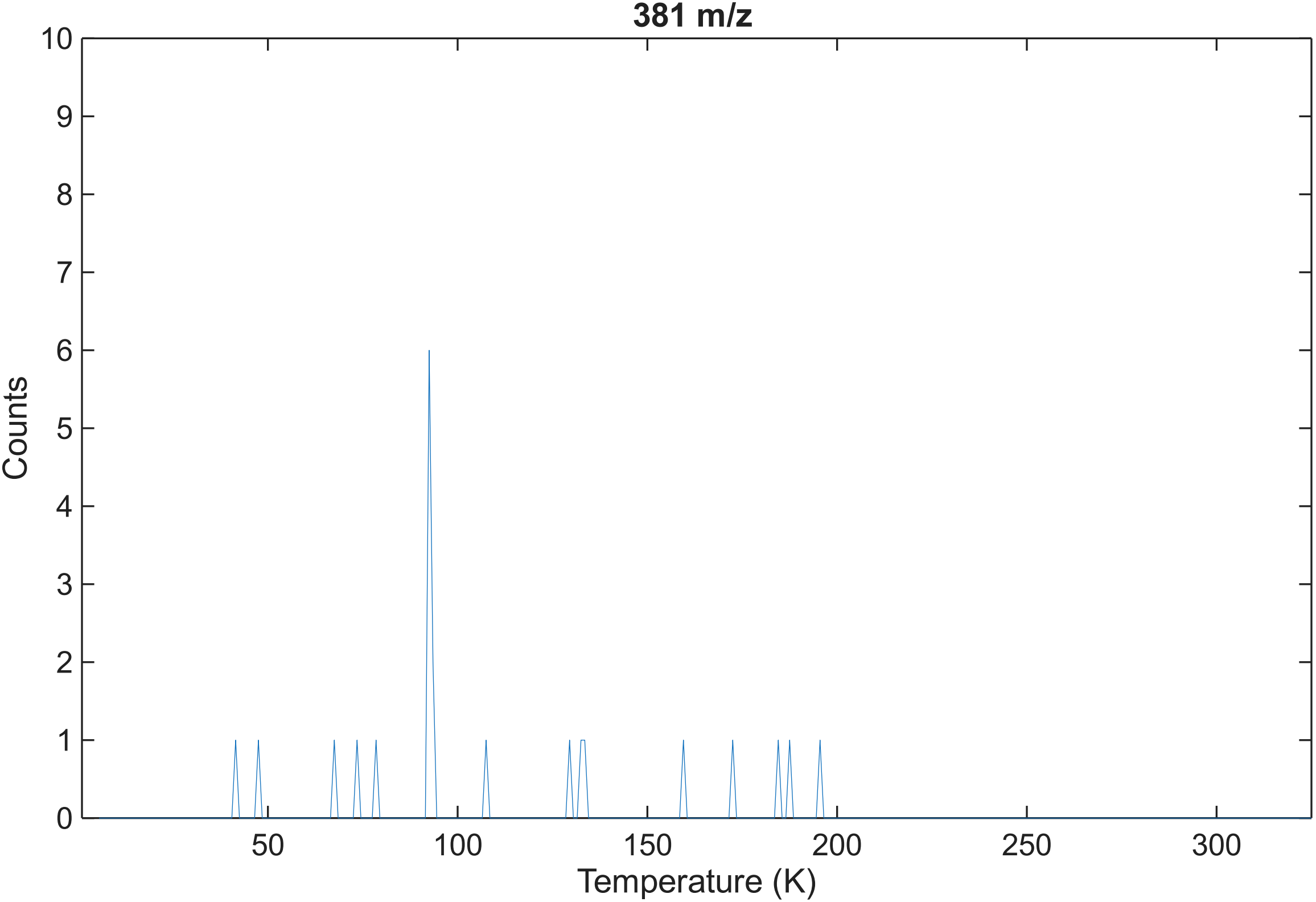

376 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

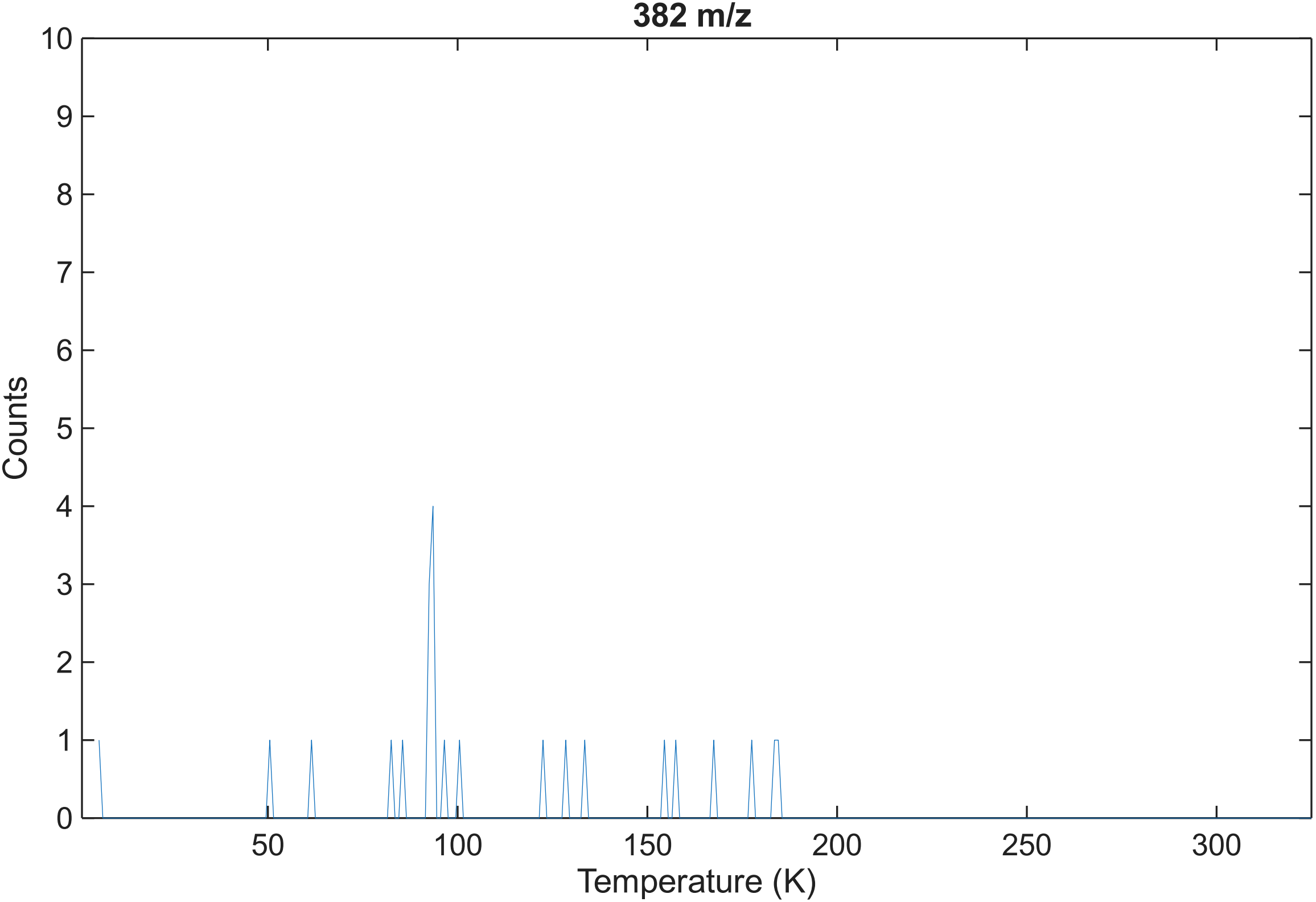

377 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

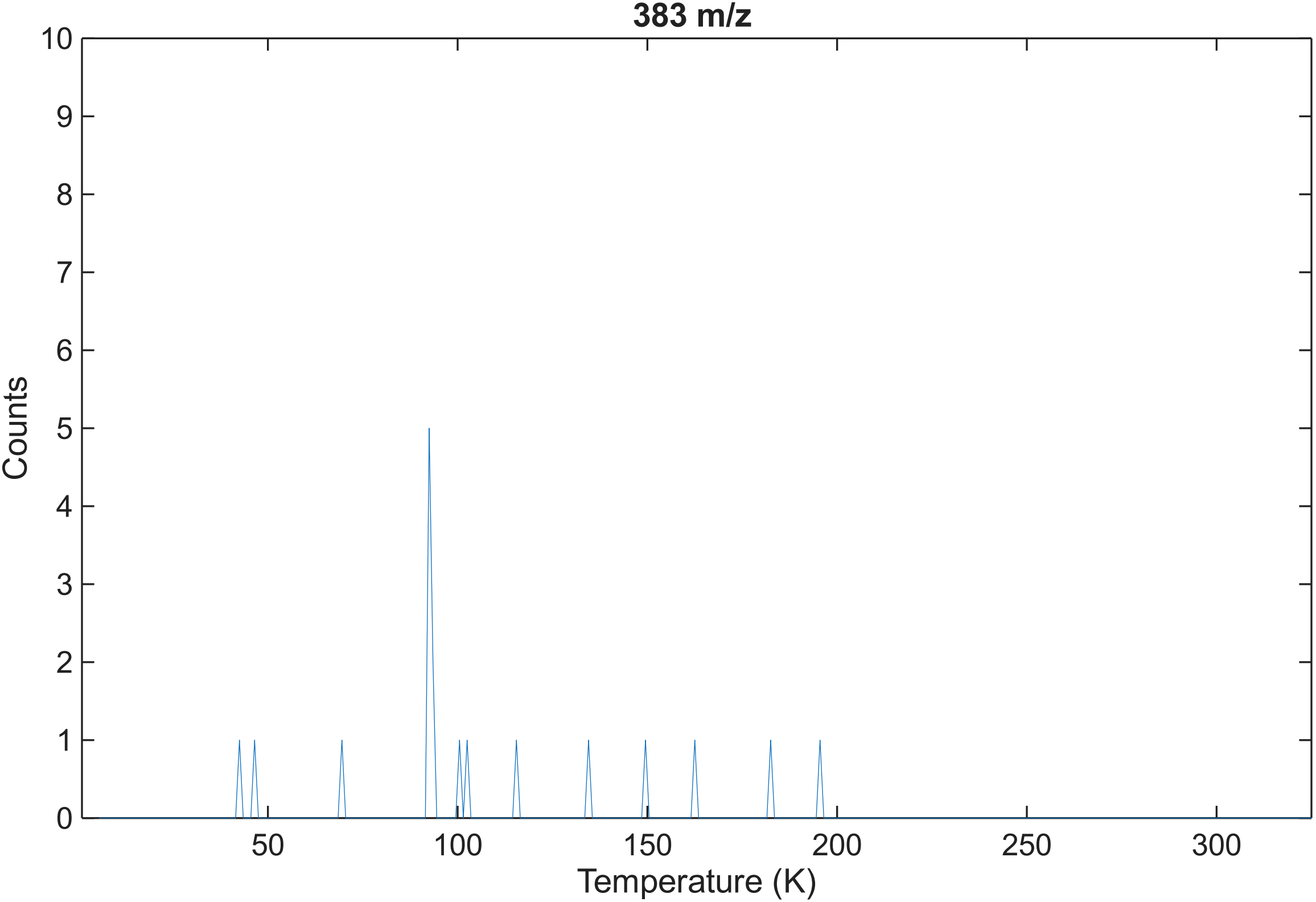

378 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

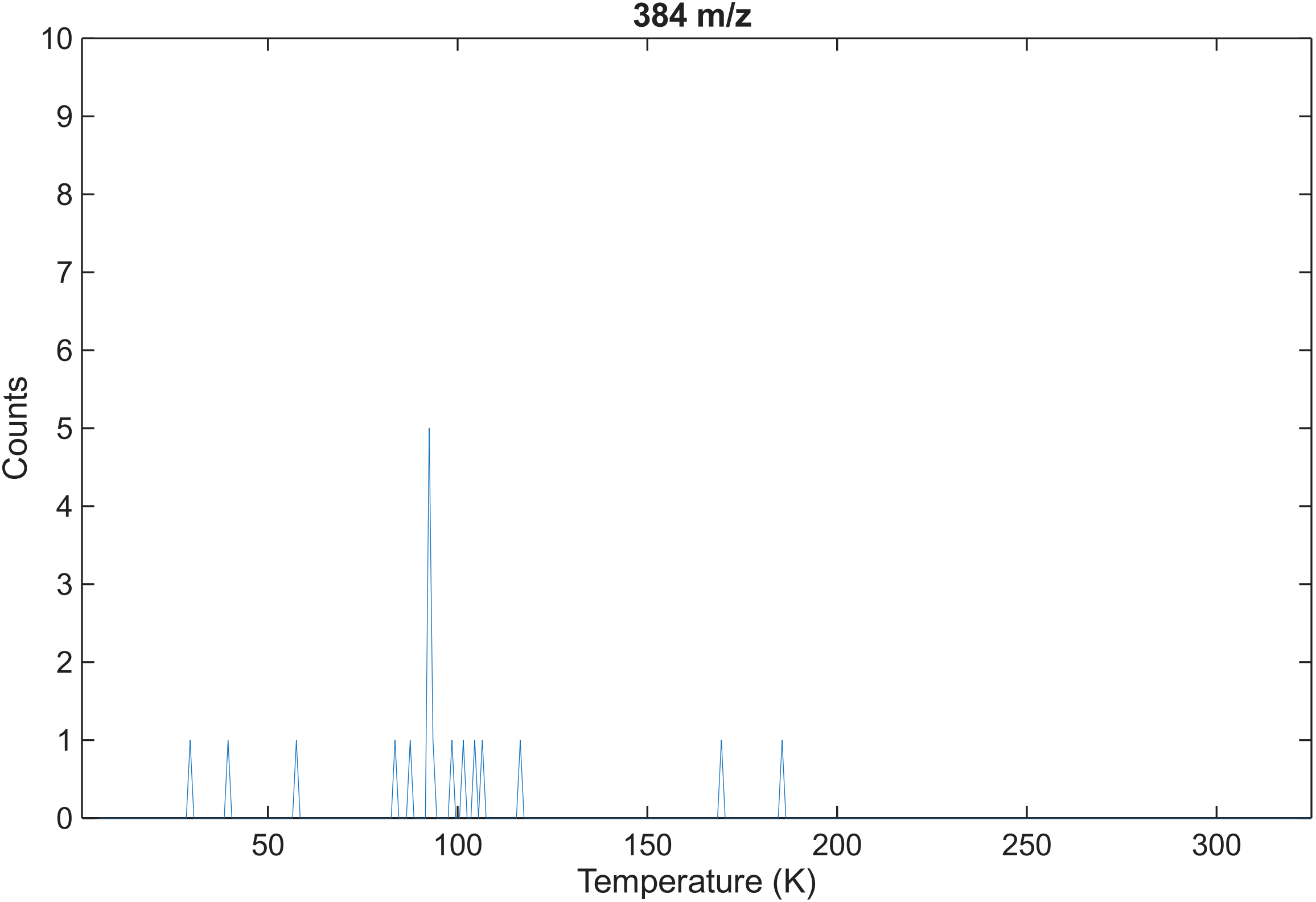

379 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

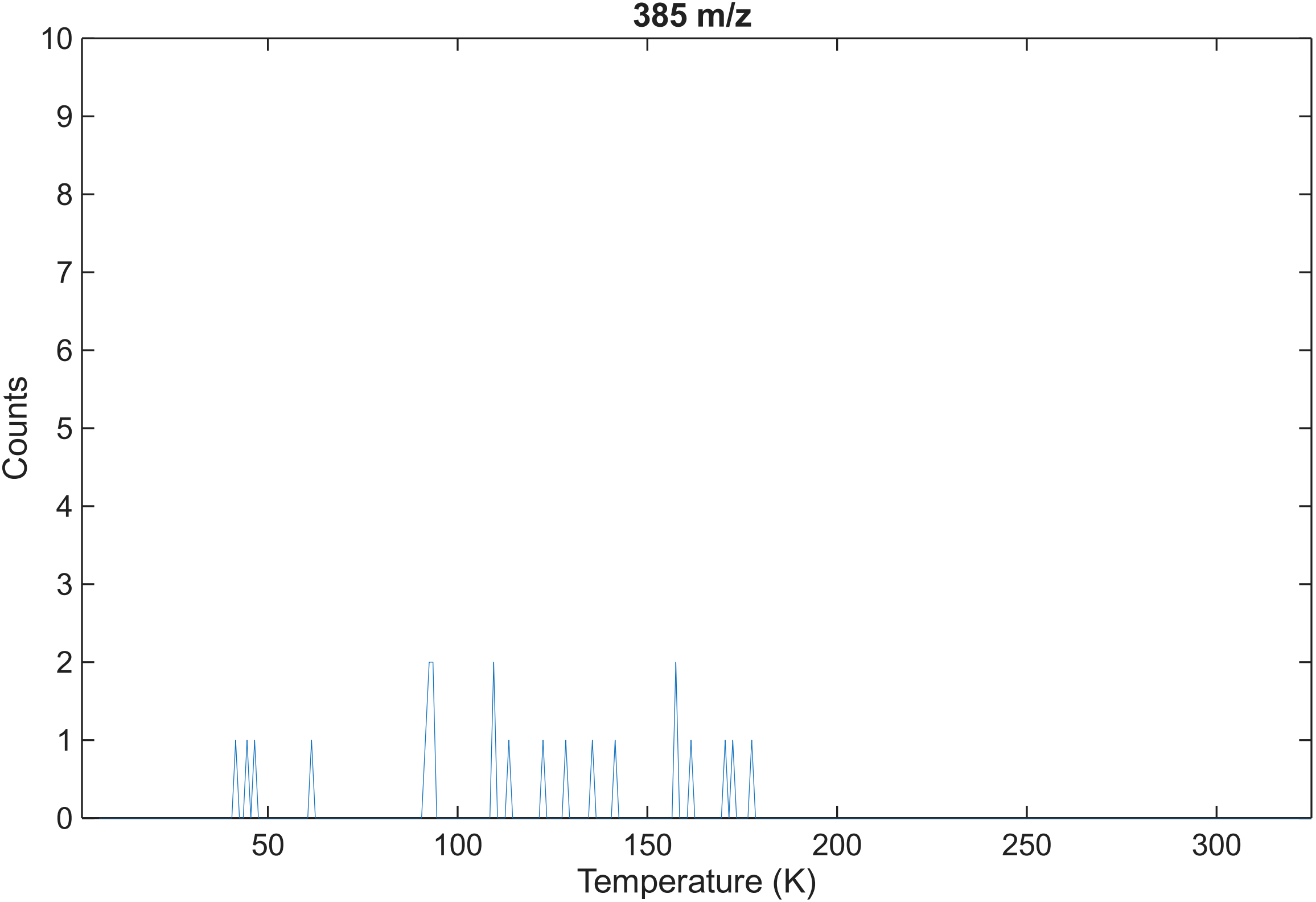

380 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

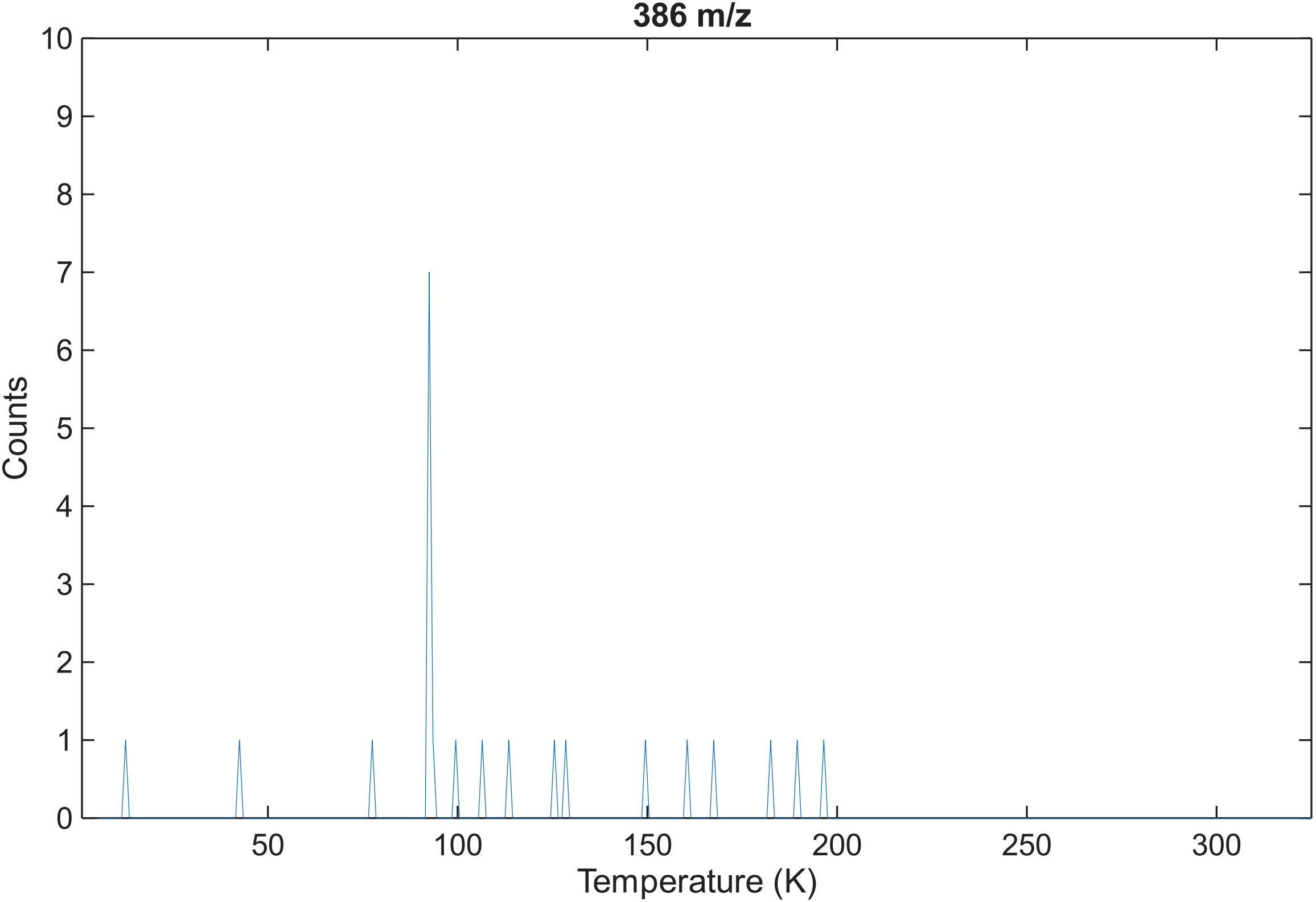

381 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

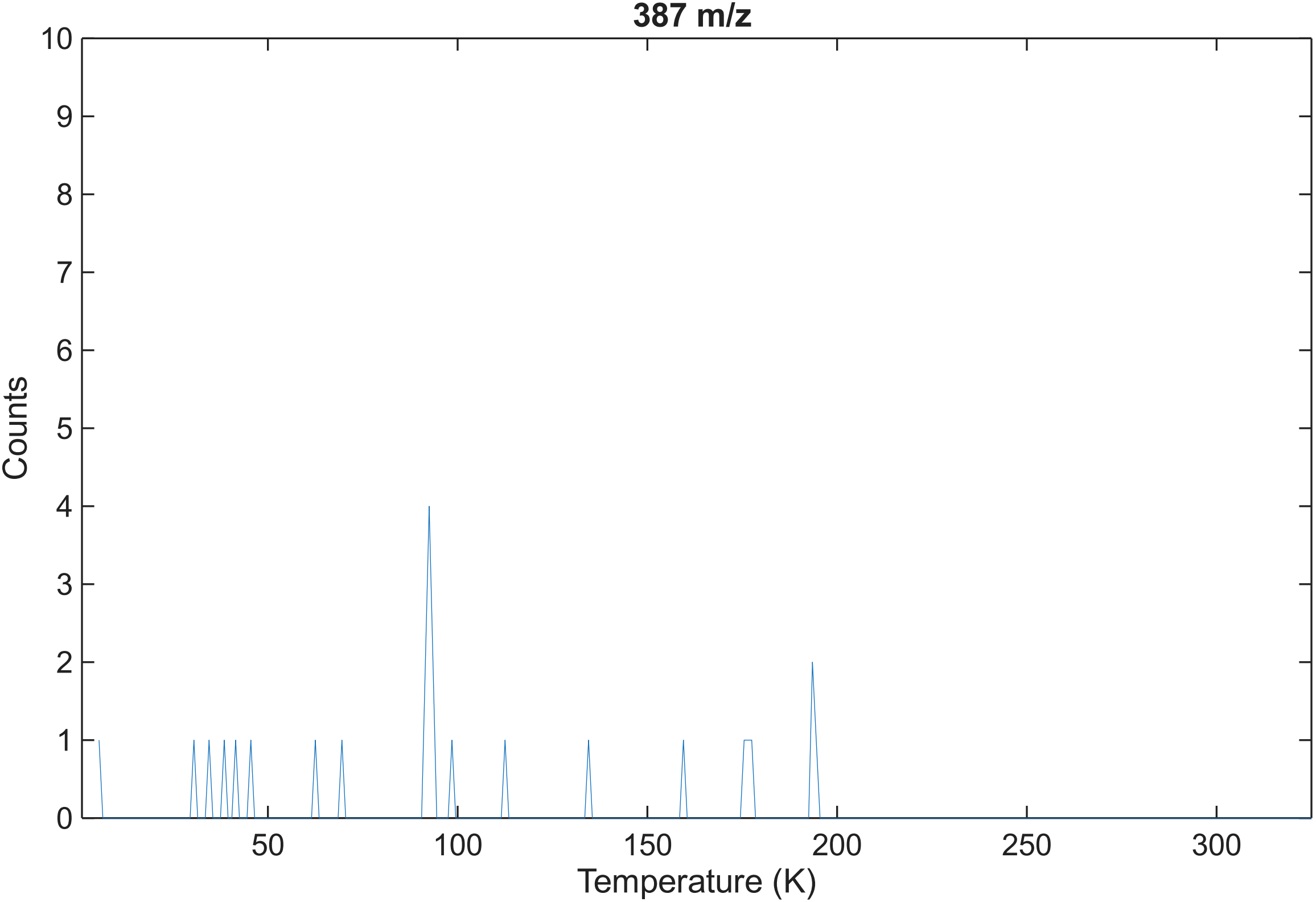

382 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

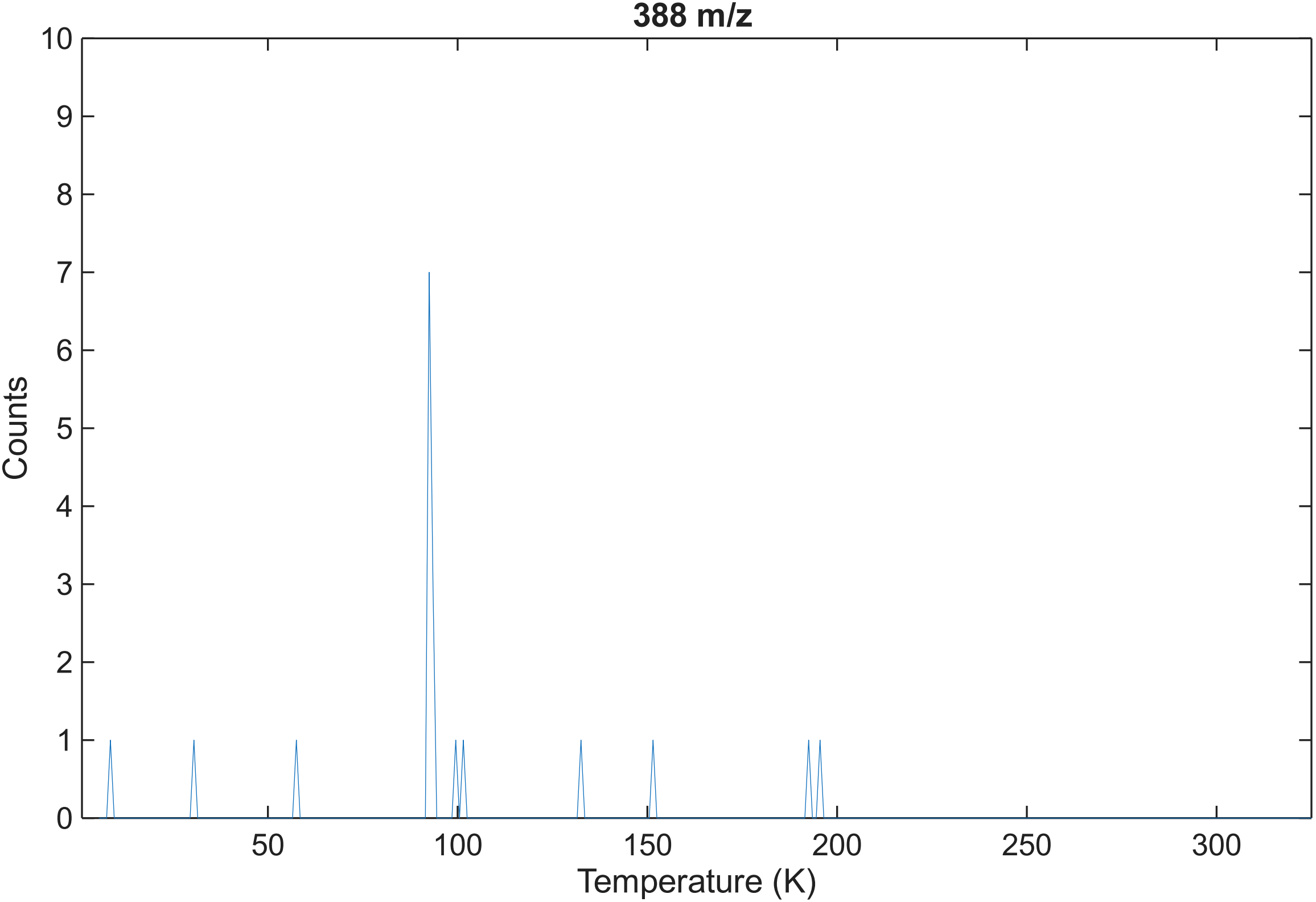

383 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

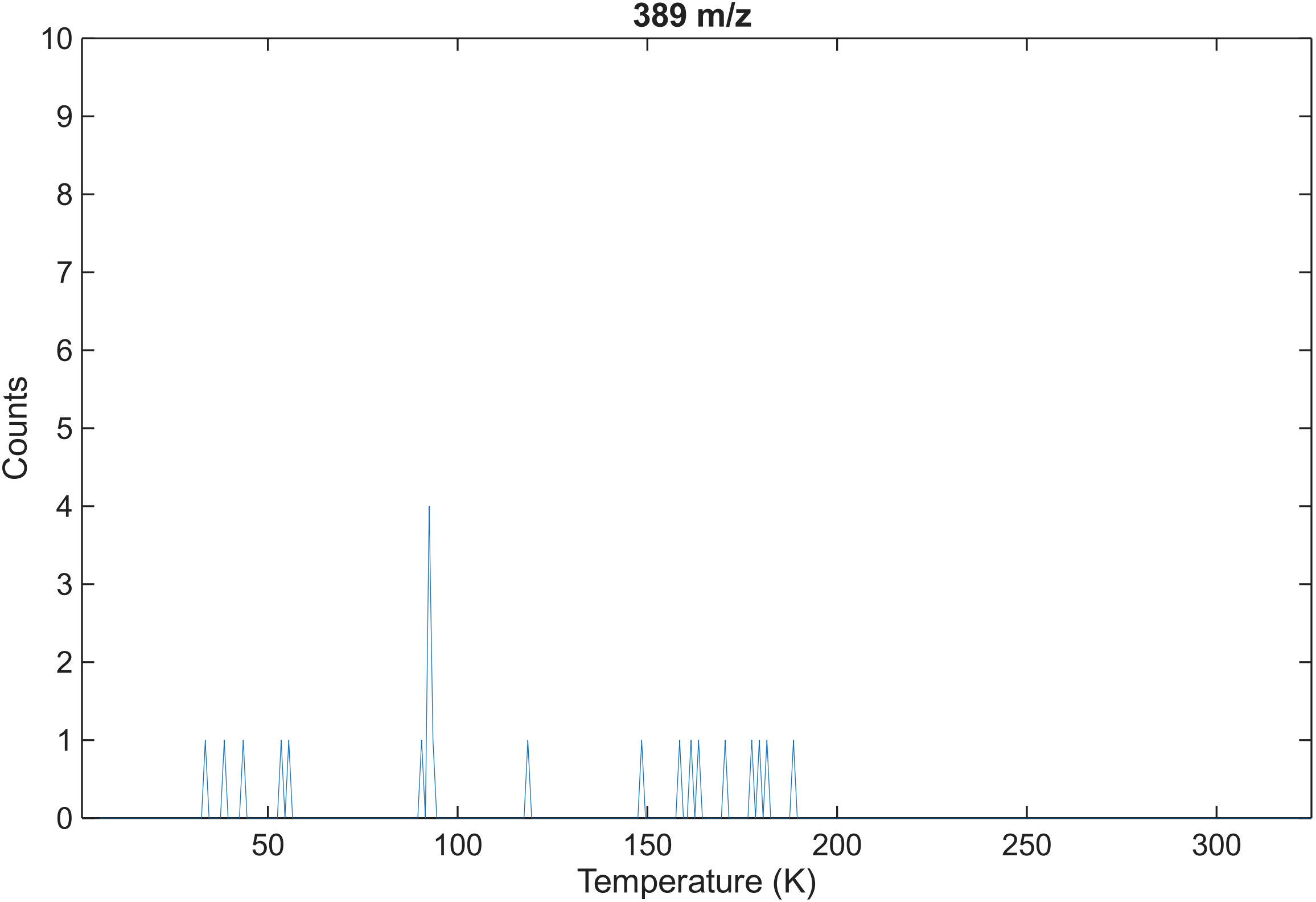

384 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

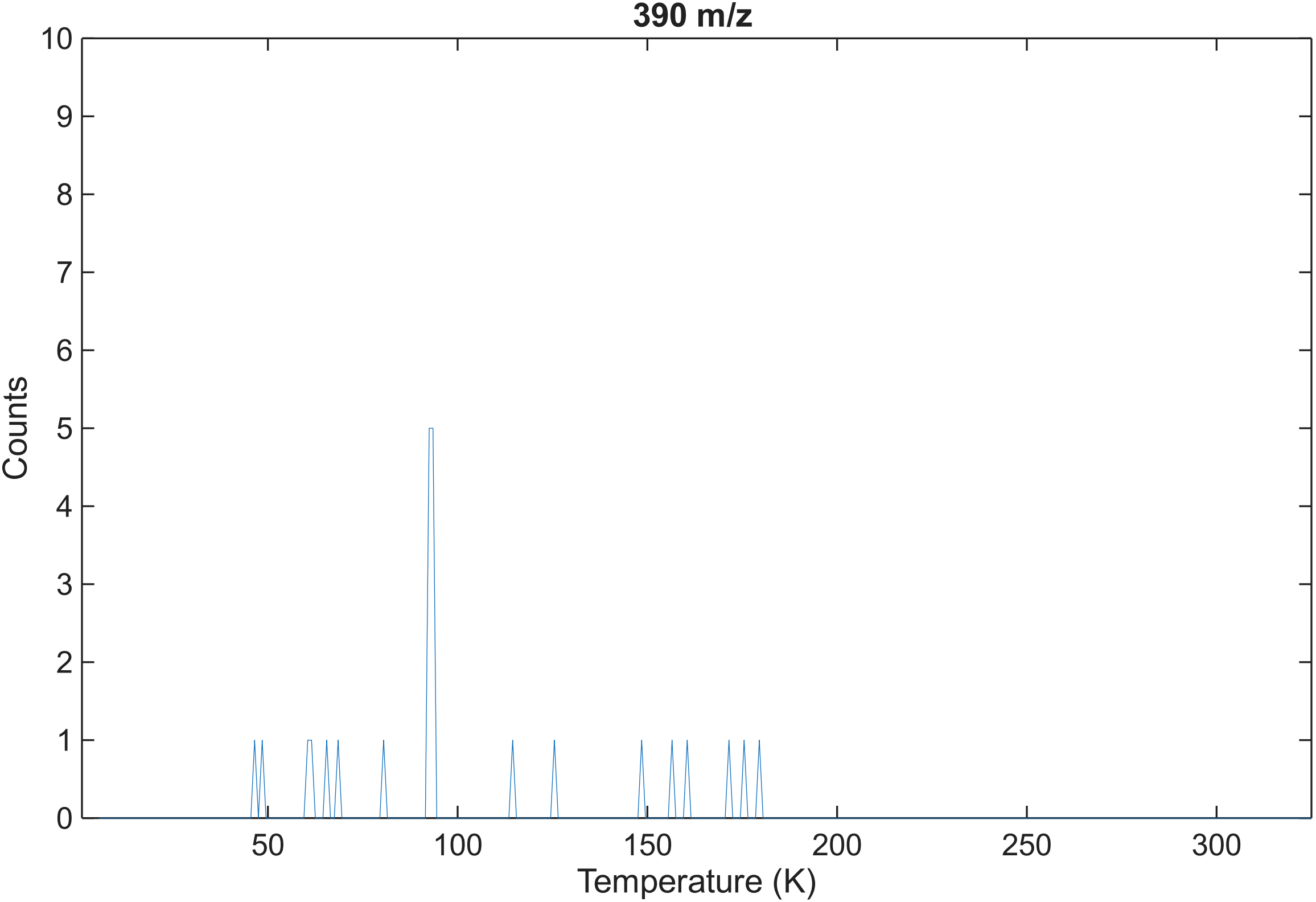

385 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

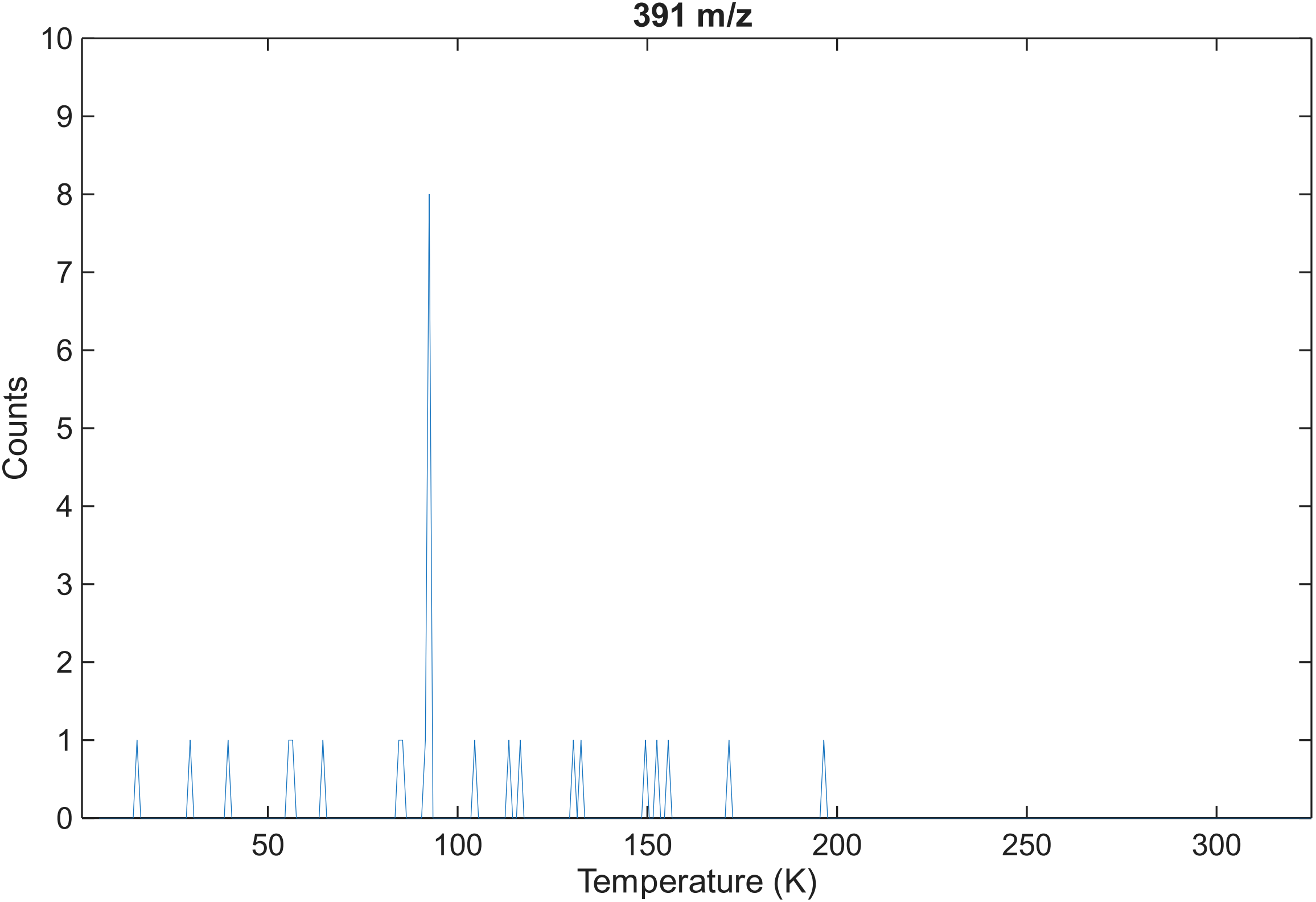

386 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

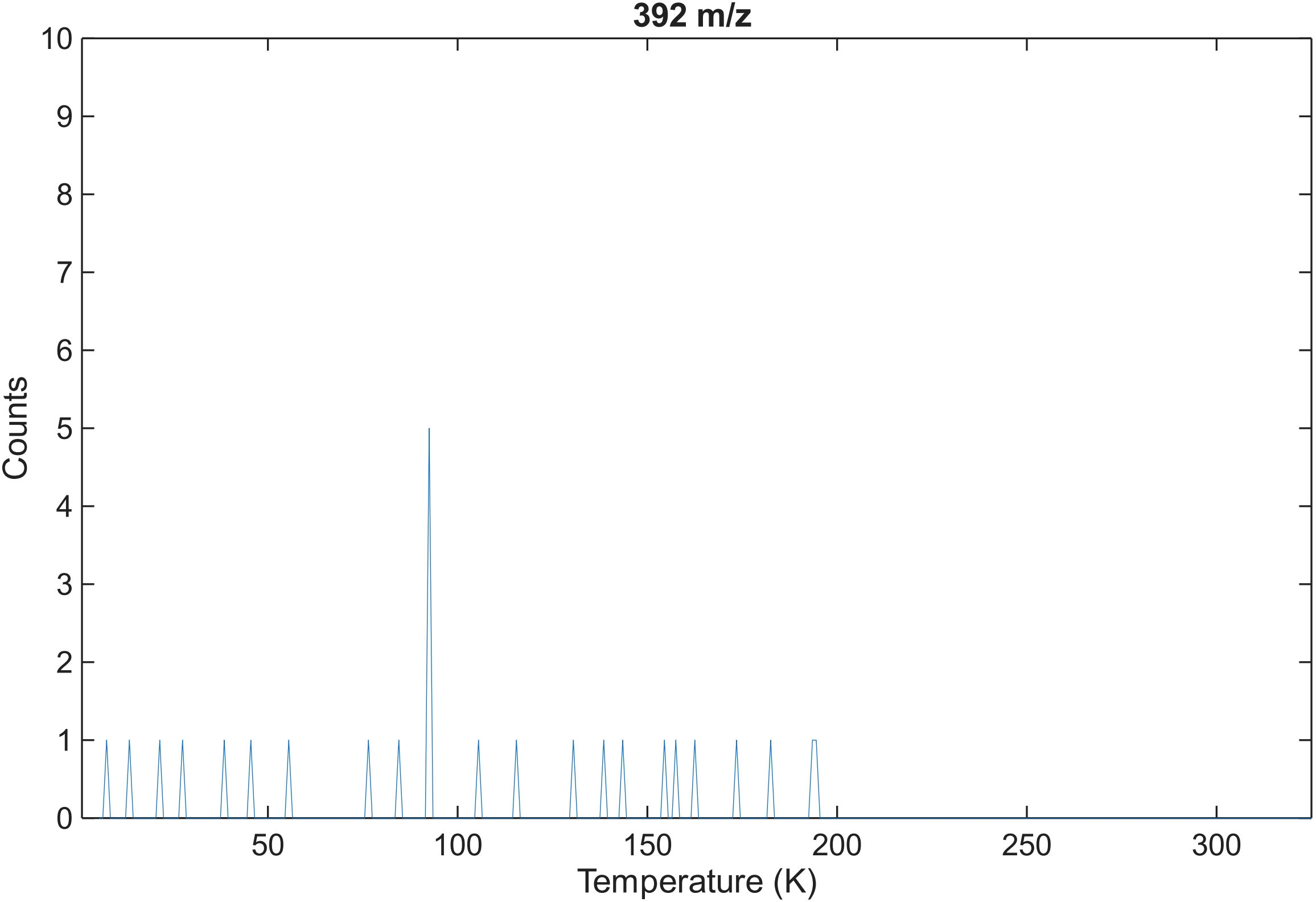

387 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

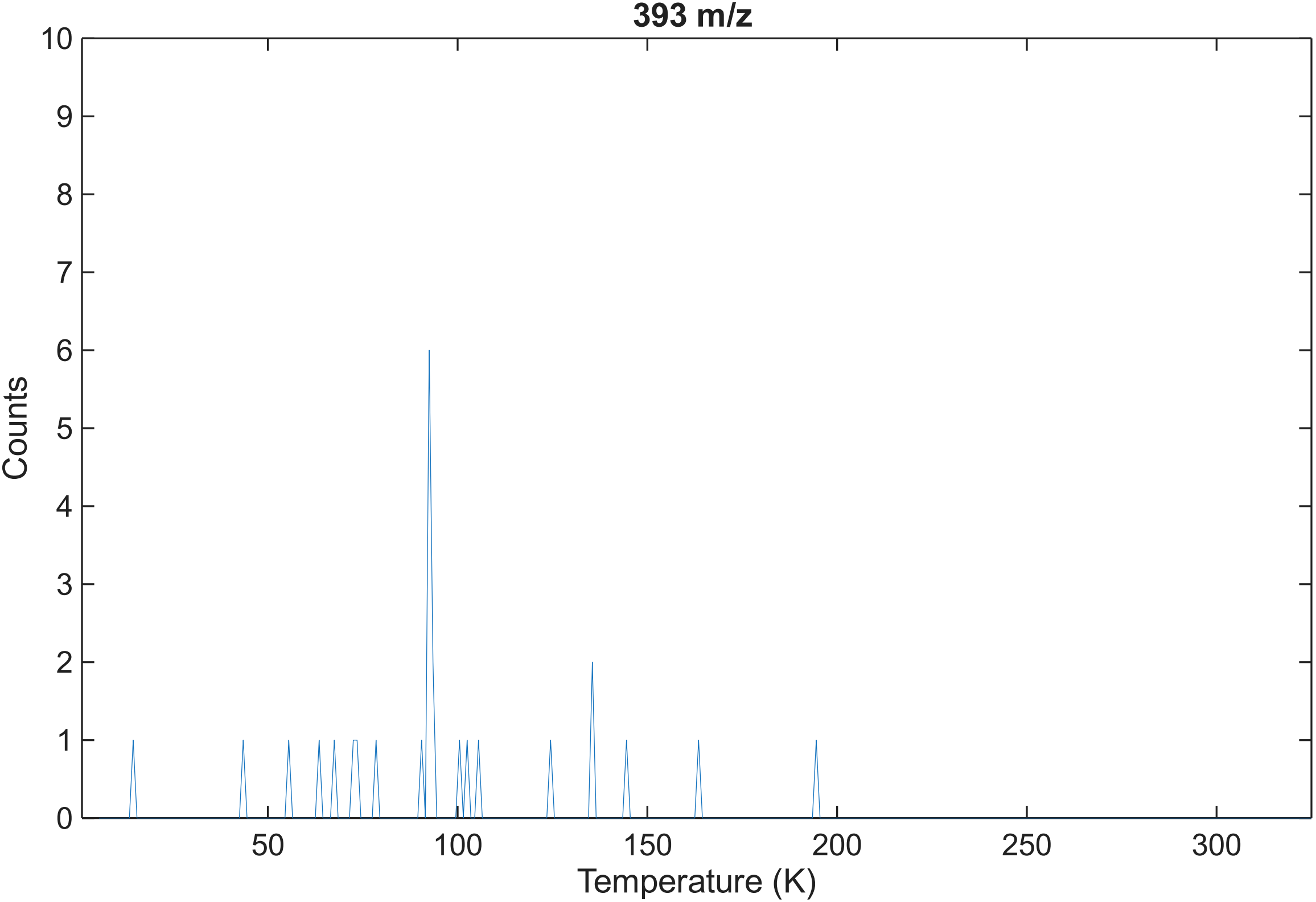

388 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

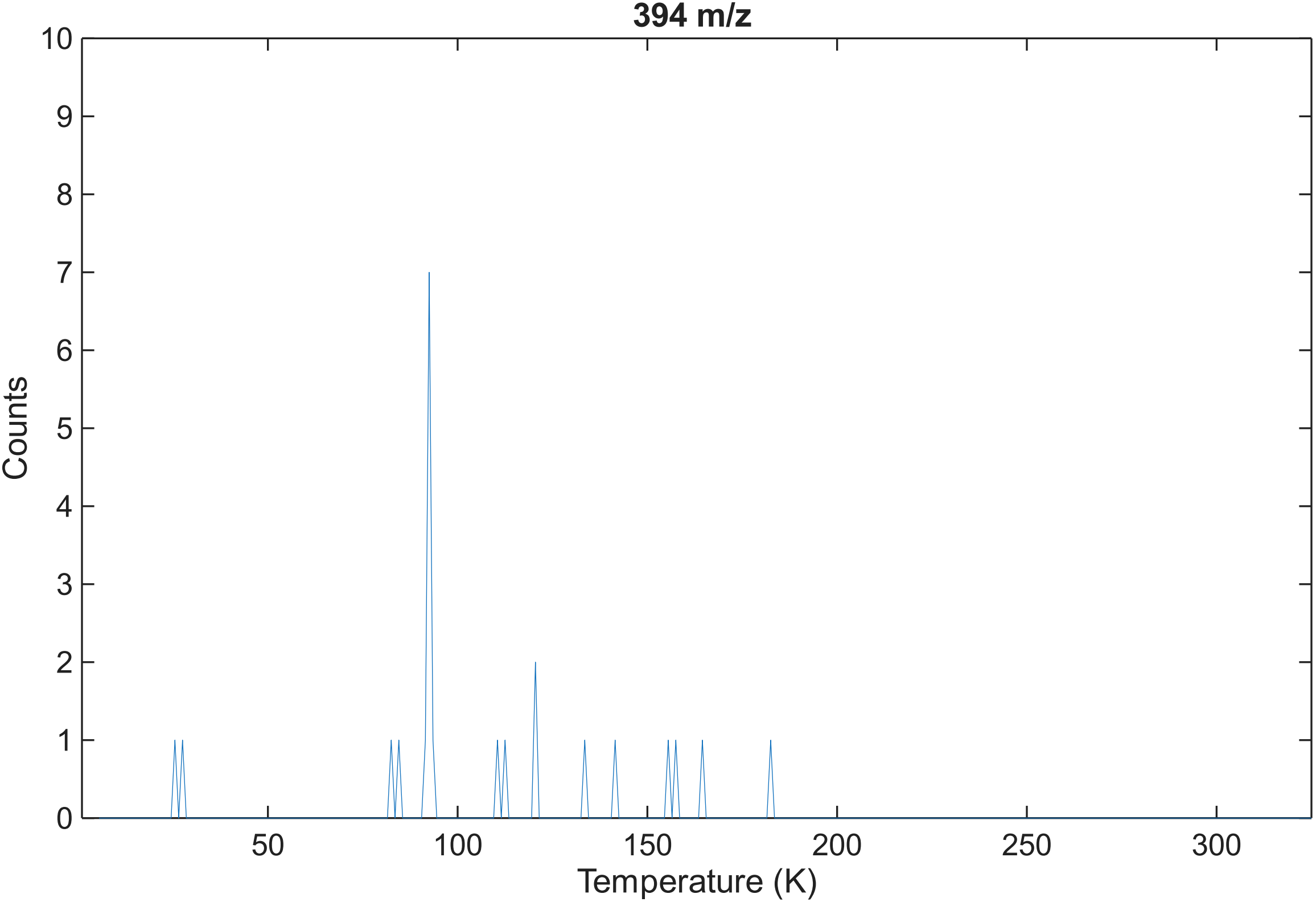

389 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

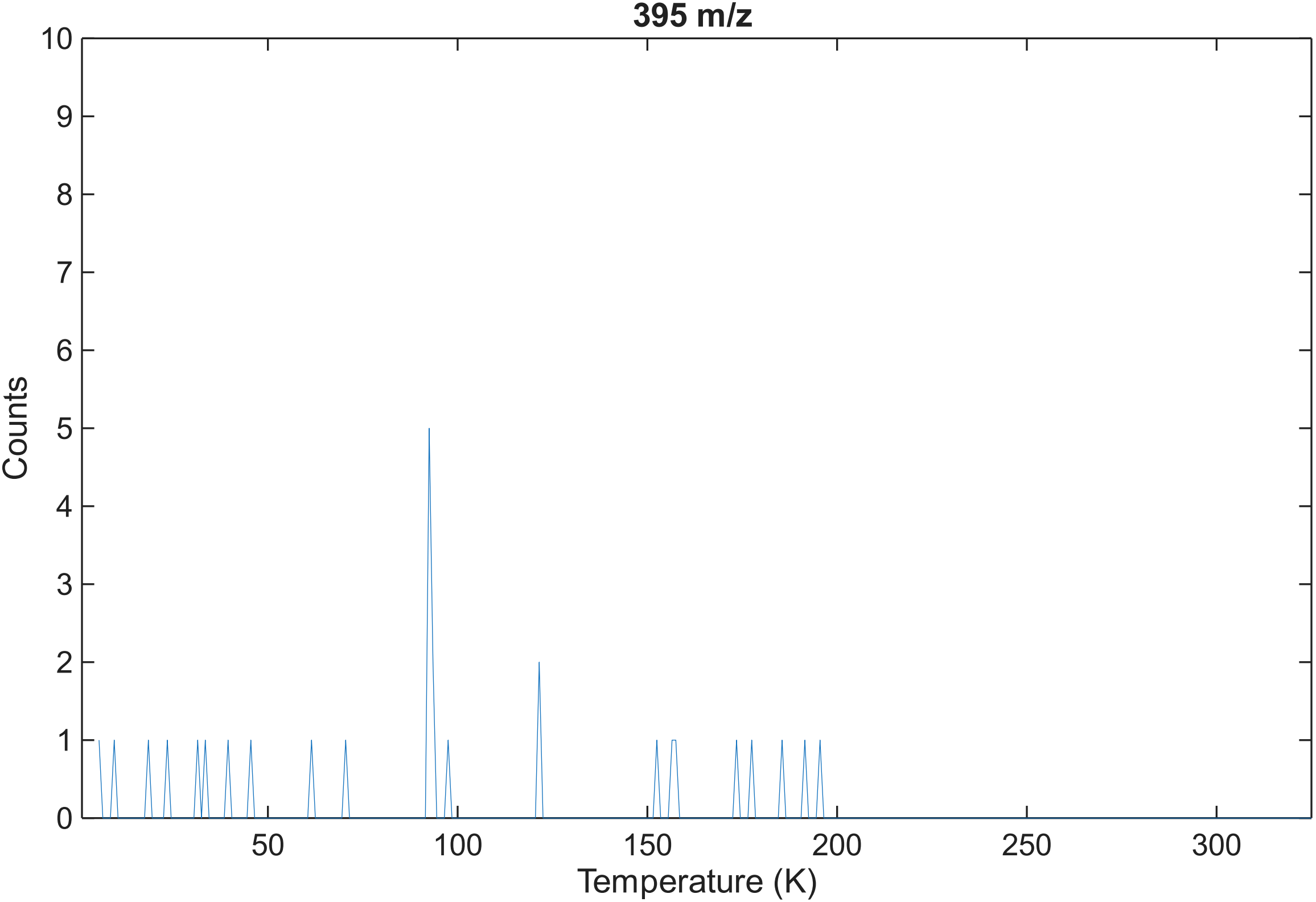

390 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

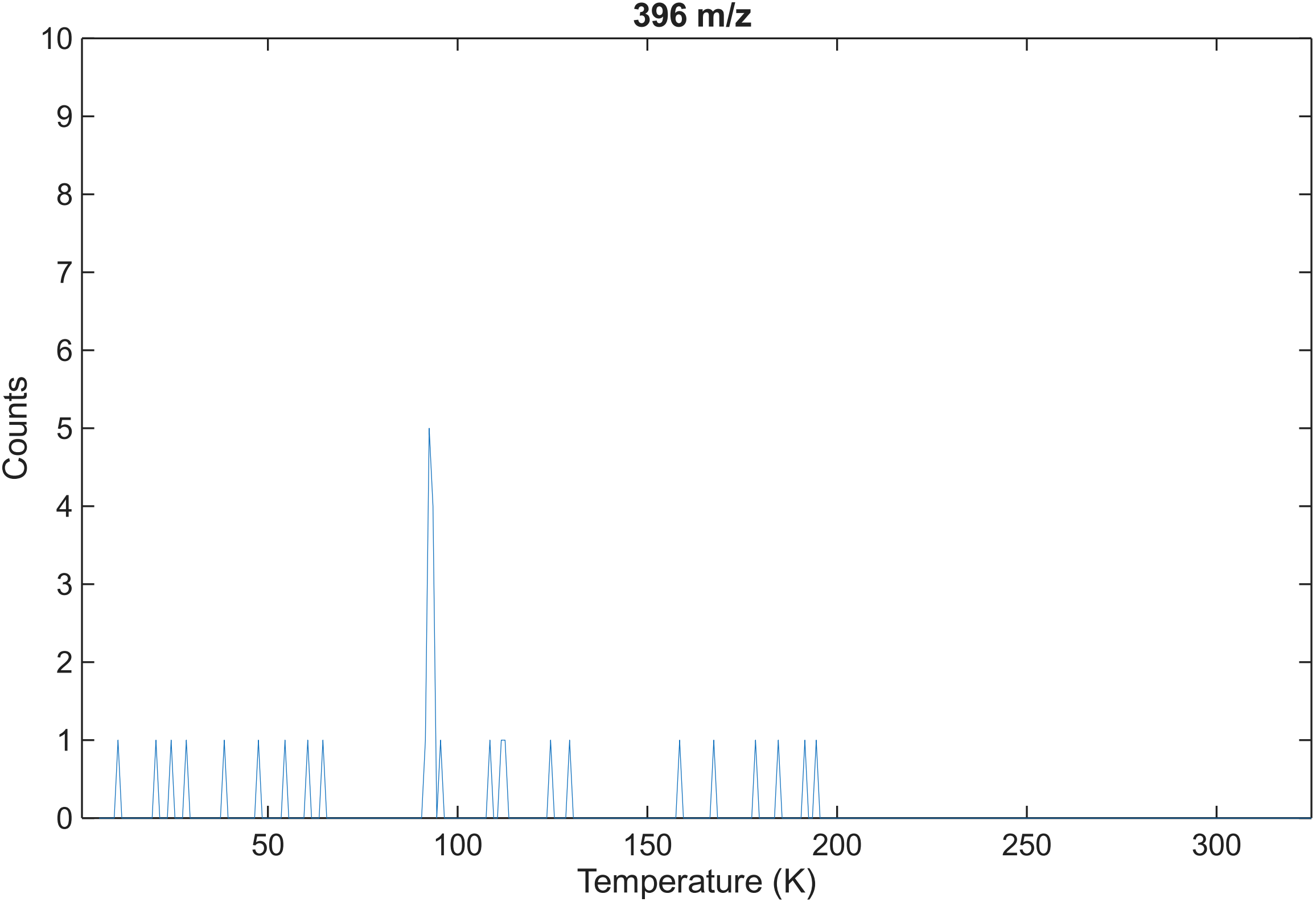

391 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

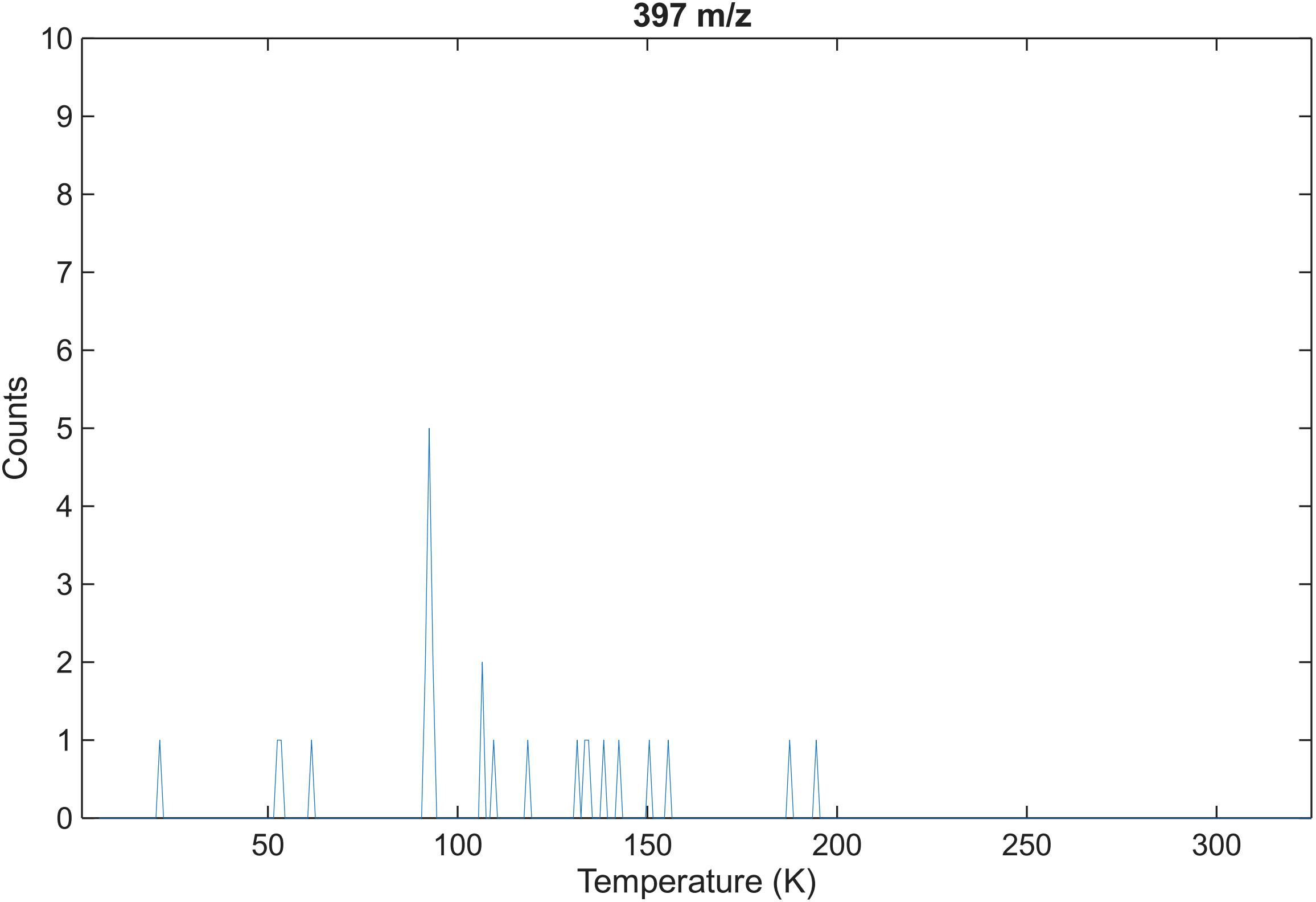

392 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

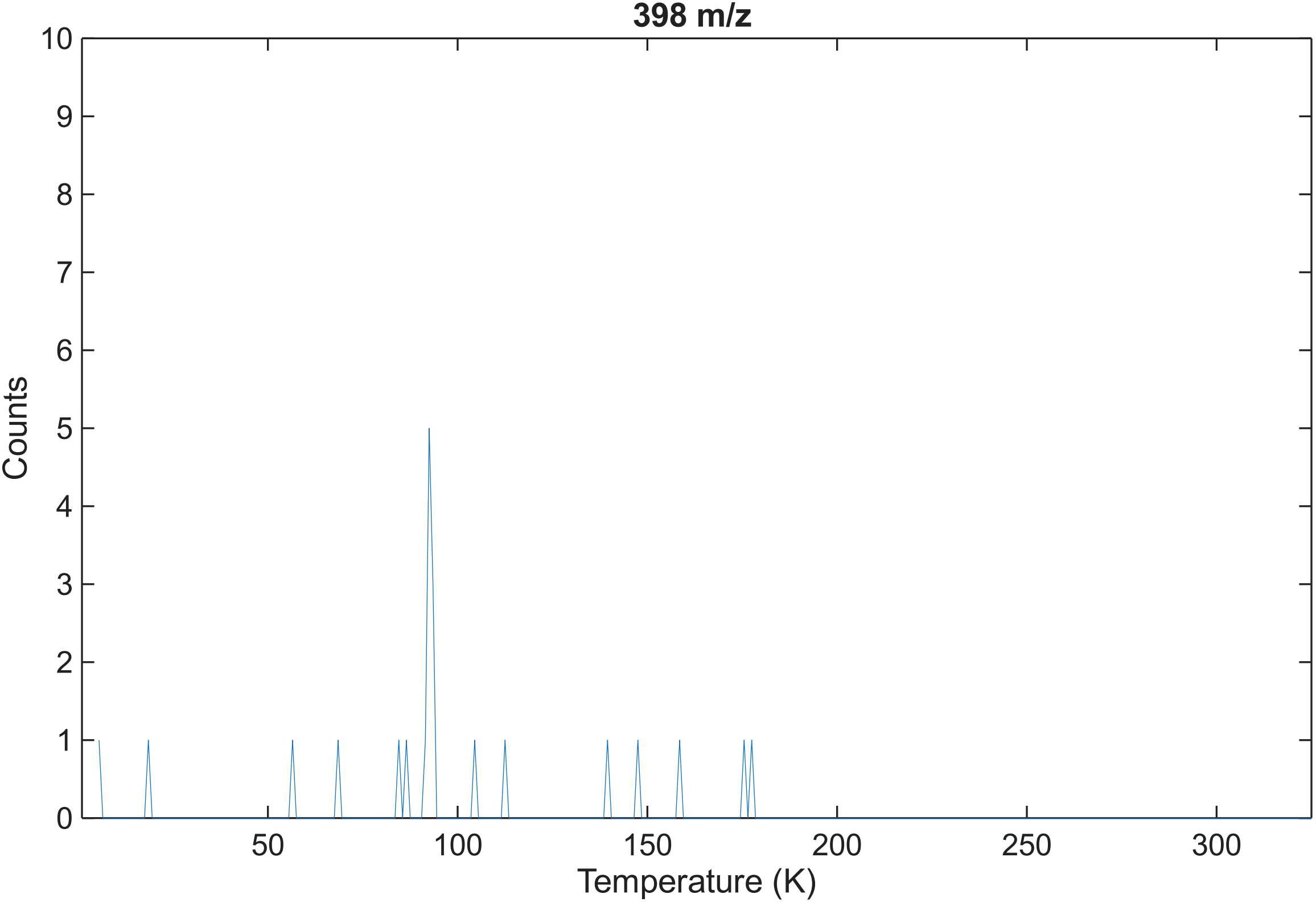

393 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

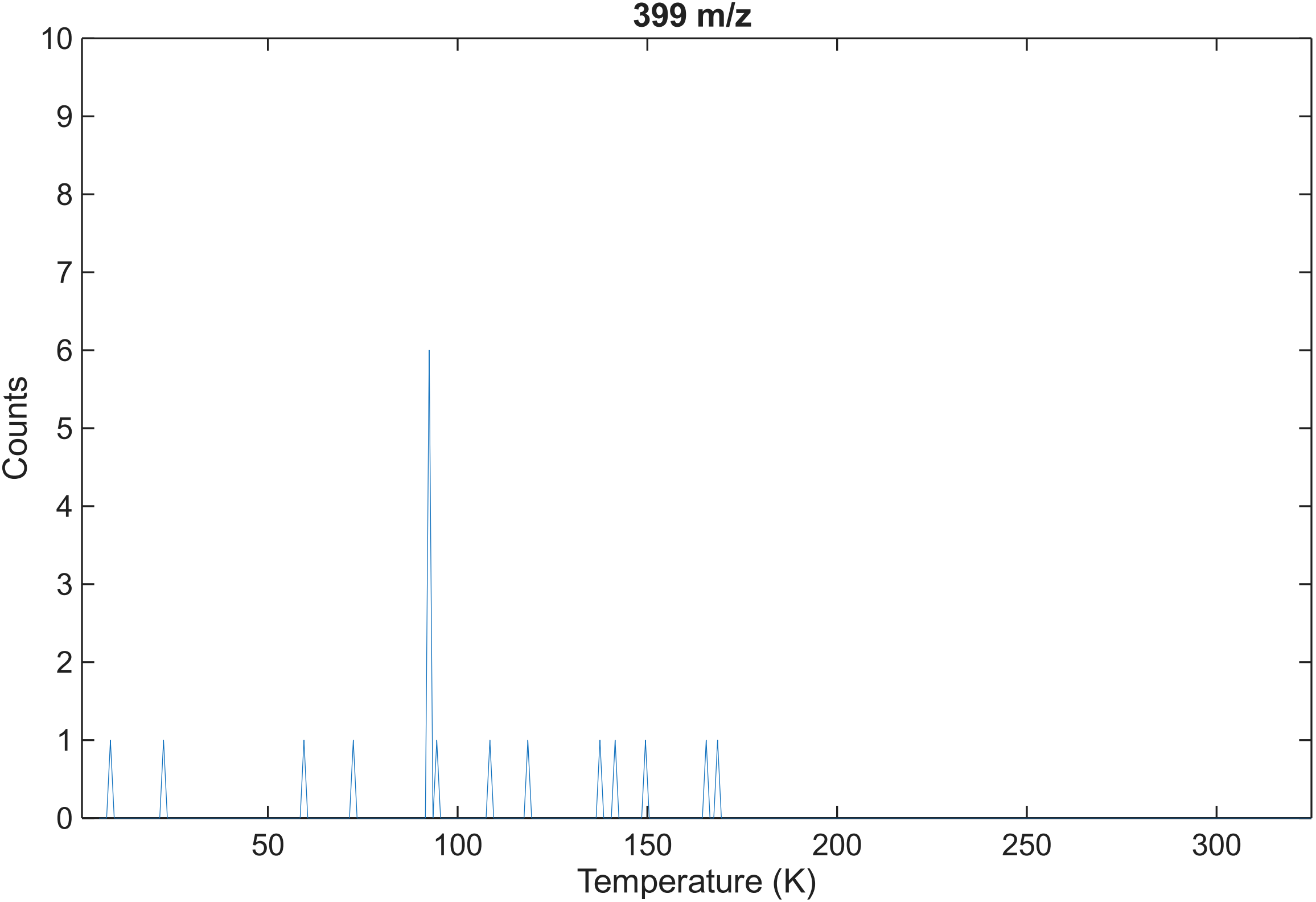

394 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

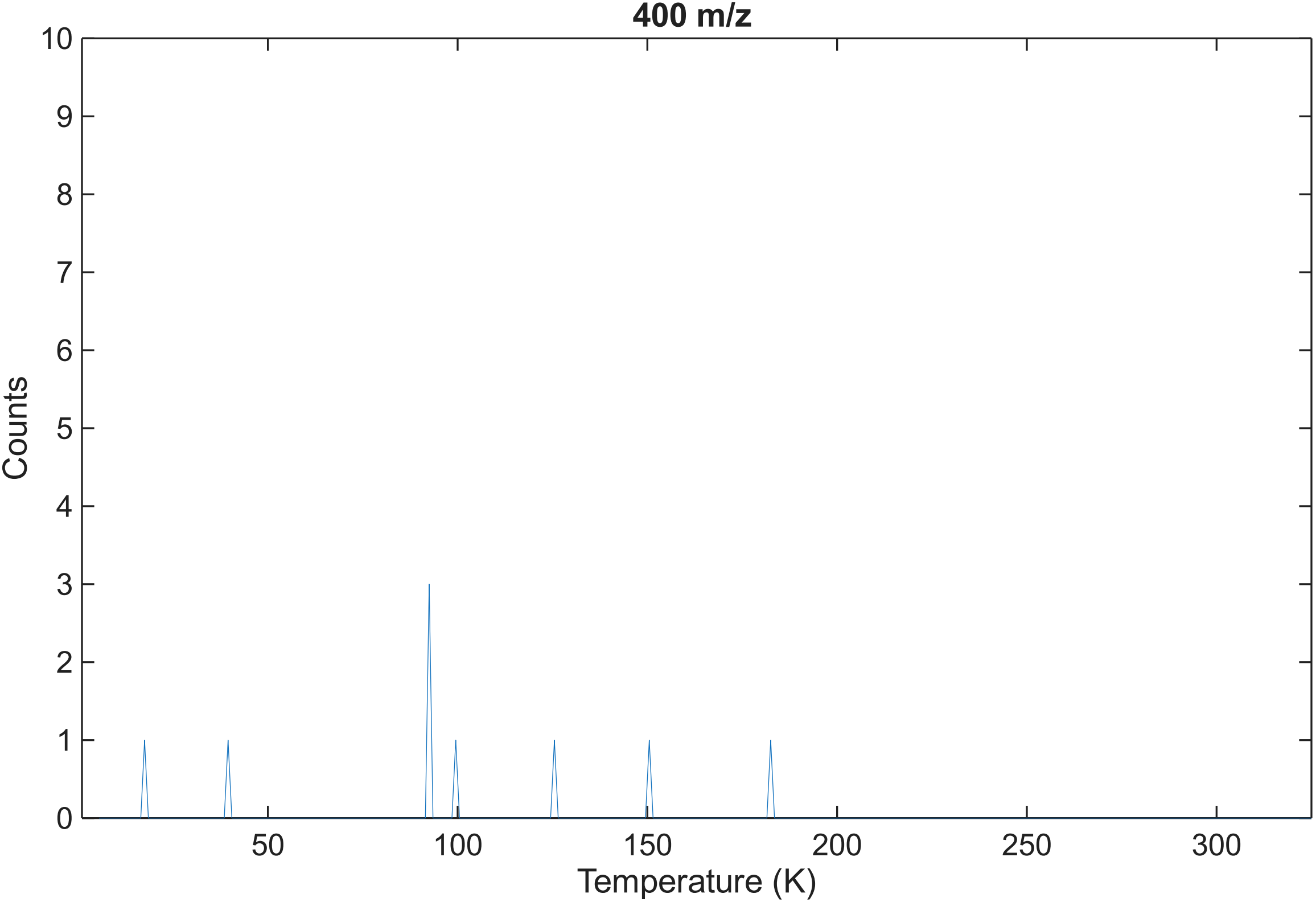

395 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


396 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


397 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


398 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


399 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


400 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300