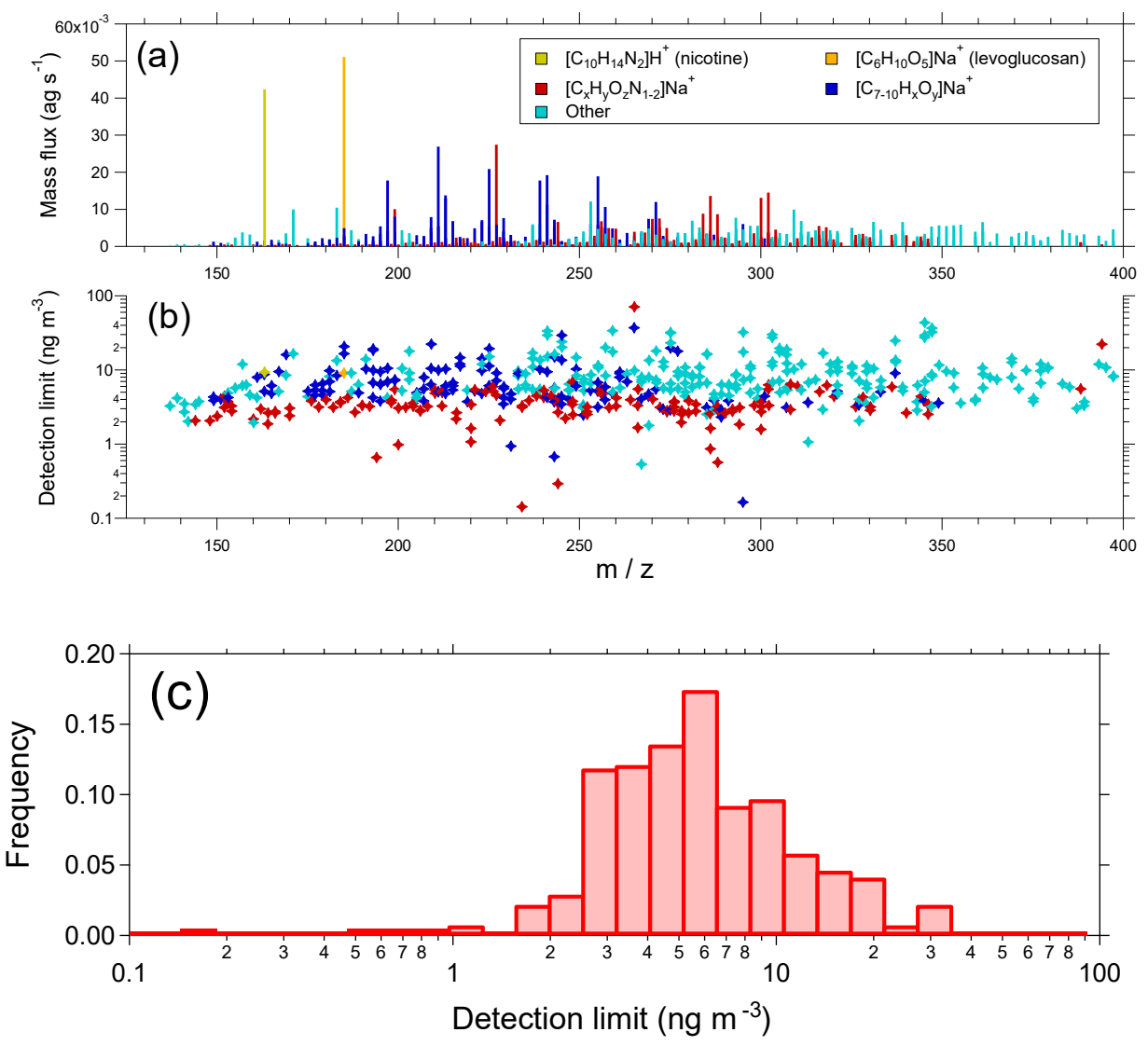
(a)
Mass flux (ag s^{-1})
60x10^{-3}
50
40
30
20
10
0
[C$_{10}$H$_{14}$N$_2$]H$^+$ (nicotine)
[C$_x$H$_y$O$_z$N$_{1-2}$]Na$^+$
Other
[C$_6$H$_{10}$O$_5$]Na$^+$ (levoglucosan)
[C$_{7-10}$H$_x$O$_y$]Na$^+$
150
200
250
300
350
400
(b)
Detection limit (ng m^{-3})
100
4
2
10
4
2
1
4
2
0.1
m / z
(c)
Frequency
0.20
0.15
0.10
0.05
0.00
0.1
1
10
100
2
3
4
5
6
7
8
Detection limit (ng m^{-3})