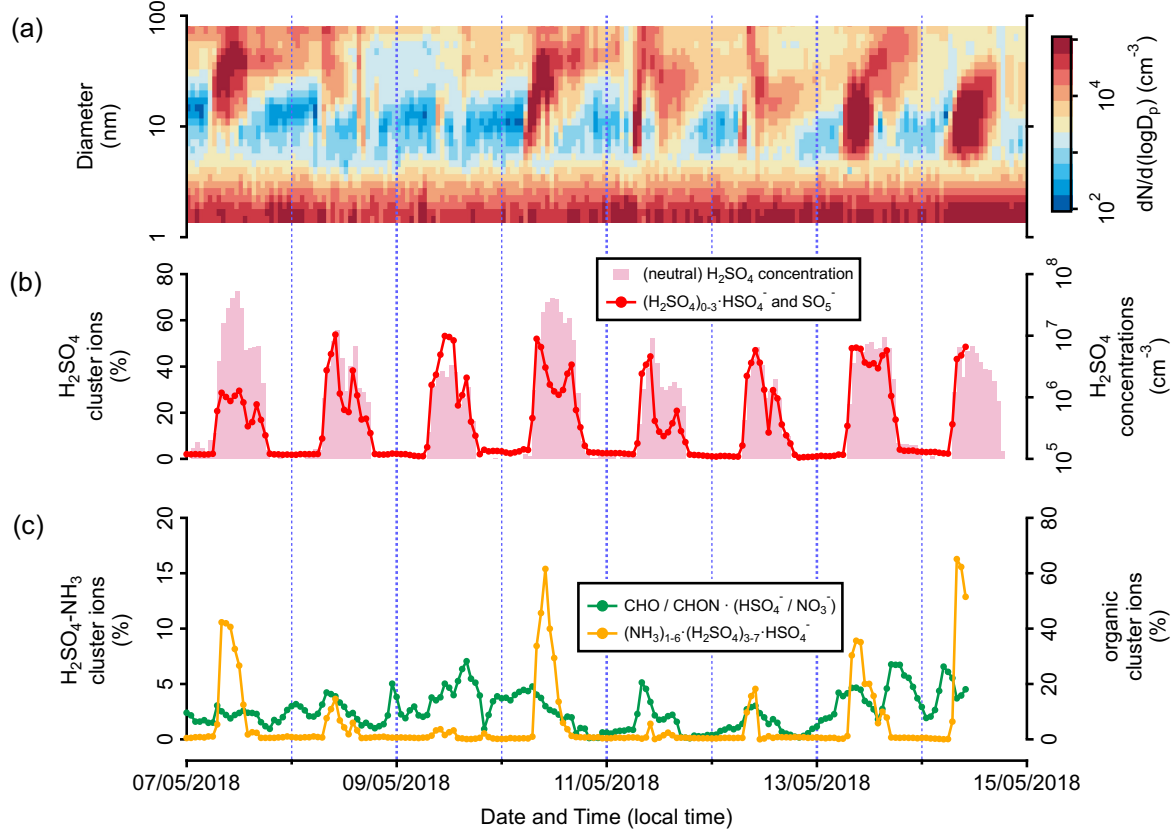
(a)
Diameter (nm)
100
10
1
dN/d(logD$_p$) (cm^{-3})
10^4
10^2
(b)
H_2SO_4 cluster ions (%)
80
60
40
20
0
(neutral) H_2SO_4 concentration
$(H_2SO_4)_{0-3}\cdot HSO_4^-$ and SO_5^-
H_2SO_4 concentrations (cm^{-3})
10^8
10^7
10^6
10^5
(c)
H_2SO_4-NH_3 cluster ions (%)
20
15
10
5
0
CHO / CHON · (HSO_4^- / NO_3^-)
$(NH_3)_{1-6}\cdot(H_2SO_4)_{3-7}\cdot HSO_4^-$
organic cluster ions (%)
80
60
40
20
0
07/05/2018
09/05/2018
11/05/2018
13/05/2018
15/05/2018
Date and Time (local time)