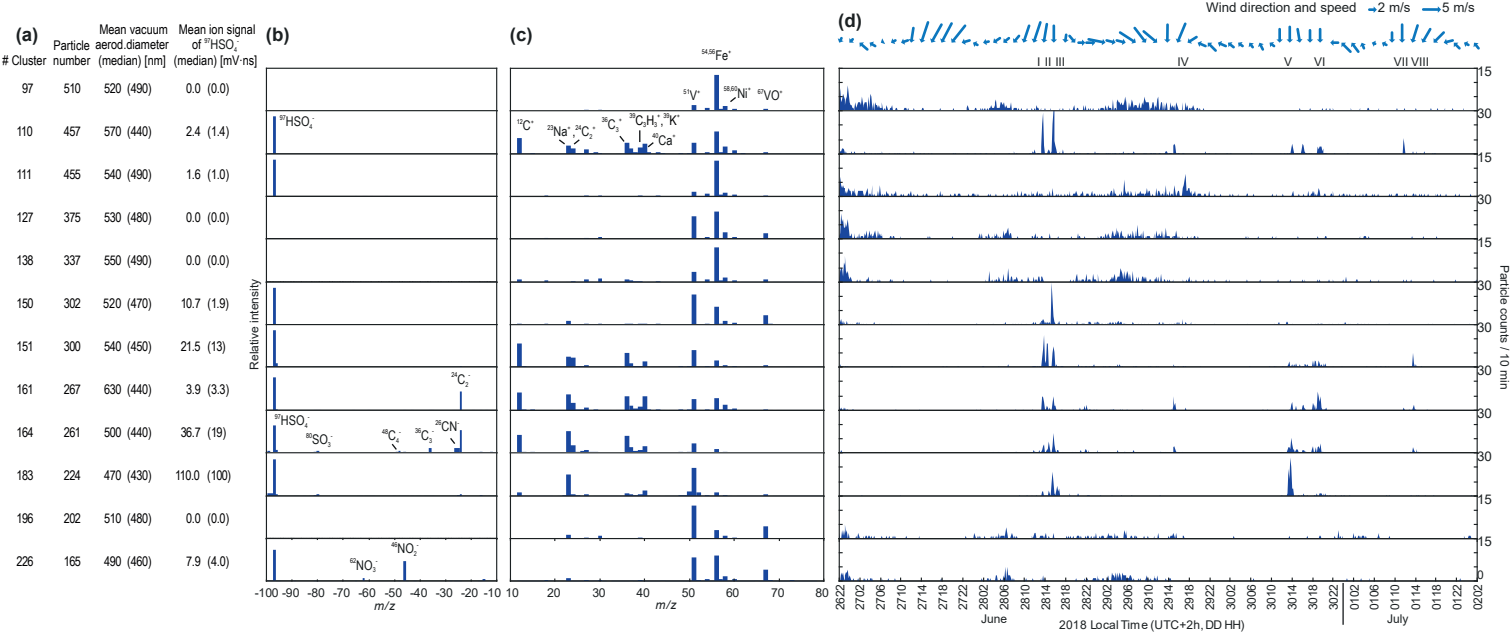
(a)
Cluster
Particle number
Mean vacuum aerod.diameter (median) [nm]
Mean ion signal of $^{97}HSO_4^-$ (median) [mV·ns]
97 510 520 (490) 0.0 (0.0)
110 457 570 (440) 2.4 (1.4)
111 455 540 (490) 1.6 (1.0)
127 375 530 (480) 0.0 (0.0)
138 337 550 (490) 0.0 (0.0)
150 302 520 (470) 10.7 (1.9)
151 300 540 (450) 21.5 (13)
161 267 630 (440) 3.9 (3.3)
164 261 500 (440) 36.7 (19)
183 224 470 (430) 110.0 (100)
196 202 510 (480) 0.0 (0.0)
226 165 490 (460) 7.9 (4.0)
(b)
(c)
(d)
Wind direction and speed
2 m/s
5 m/s
Relative intensity
m/z
Particle counts / 10 min
June
July
2018 Local Time (UTC+2h, DD HH)