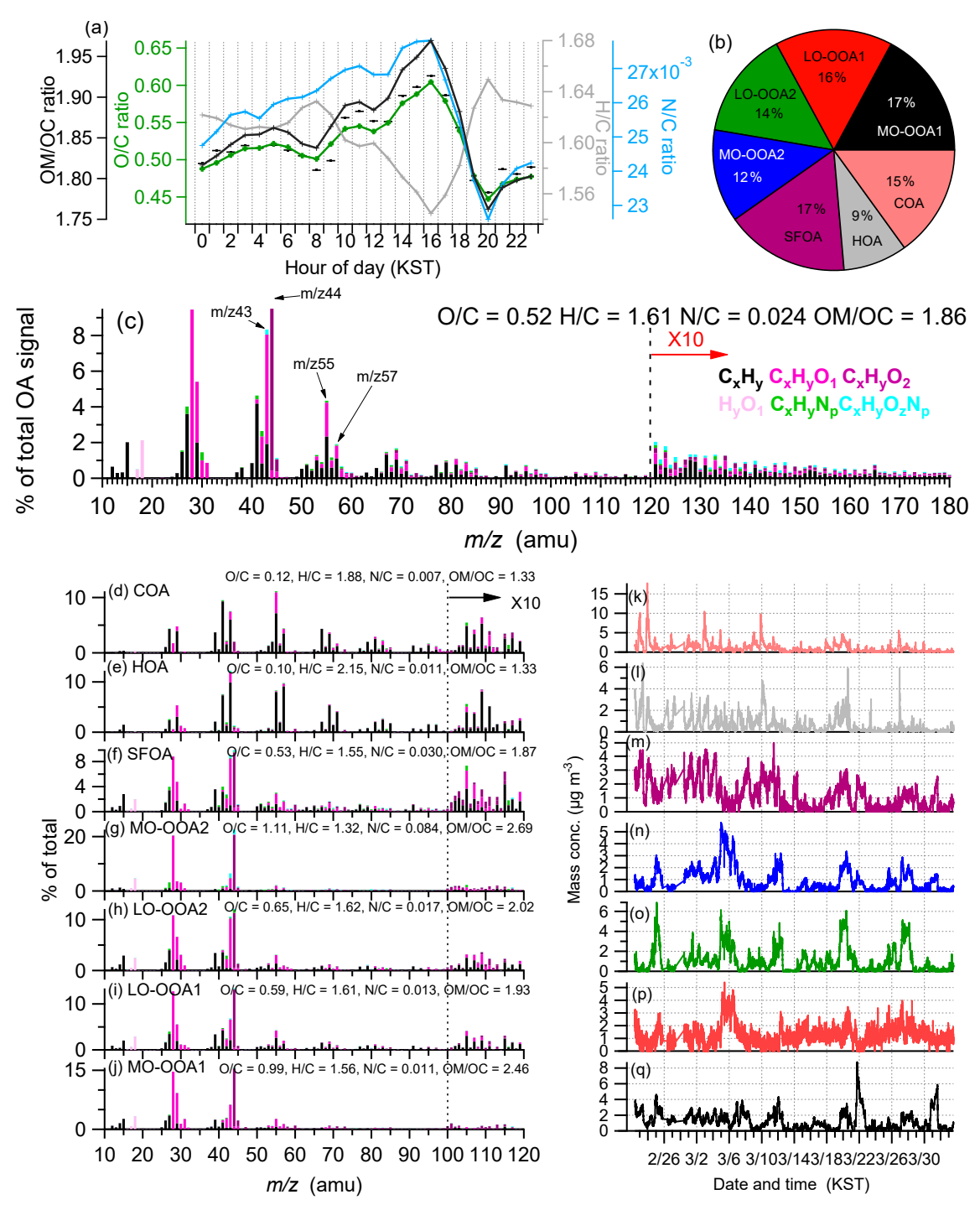
(a)
OM/OC ratio
O/C ratio
H/C ratio
N/C ratio
Hour of day (KST)
(b)
LO-OOA1 16%
17% MO-OOA1
15% COA
9% HOA
17% SFOA
MO-OOA2 12%
LO-OOA2 14%
(c)
O/C = 0.52 H/C = 1.61 N/C = 0.024 OM/OC = 1.86
X10
m/z43
m/z44
m/z55
m/z57
% of total OA signal
m/z (amu)
(d) COA O/C = 0.12, H/C = 1.88, N/C = 0.007, OM/OC = 1.33
(e) HOA O/C = 0.10, H/C = 2.15, N/C = 0.011, OM/OC = 1.33
(f) SFOA O/C = 0.53, H/C = 1.55, N/C = 0.030, OM/OC = 1.87
(g) MO-OOA2 O/C = 1.11, H/C = 1.32, N/C = 0.084, OM/OC = 2.69
(h) LO-OOA2 O/C = 0.65, H/C = 1.62, N/C = 0.017, OM/OC = 2.02
(i) LO-OOA1 O/C = 0.59, H/C = 1.61, N/C = 0.013, OM/OC = 1.93
(j) MO-OOA1 O/C = 0.99, H/C = 1.56, N/C = 0.011, OM/OC = 2.46
% of total
m/z (amu)
(k)
(l)
(m)
(n)
(o)
(p)
(q)
Mass conc. (μg m-3)
2/26 3/2 3/6 3/10 3/14 3/18 3/22 3/26 3/30
Date and time (KST)