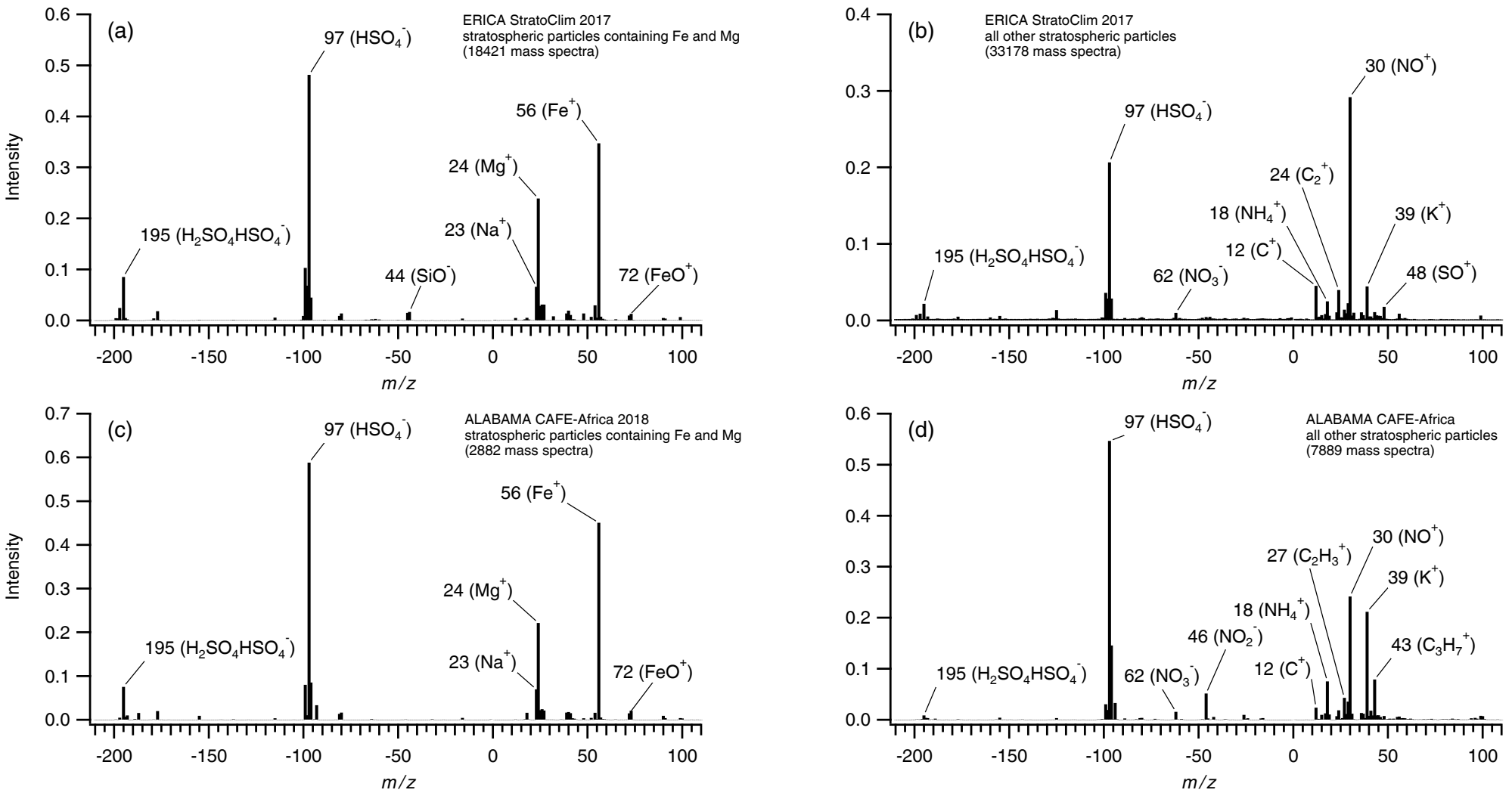
(a)
ERICA StratoClim 2017
stratospheric particles containing Fe and Mg
(18421 mass spectra)
97 (HSO_4^-)
56 (Fe^+)
24 (Mg^+)
23 (Na^+)
195 ($H_2SO_4HSO_4^-$)
44 (SiO^-)
72 (FeO^+)
Intensity
m/z
(b)
ERICA StratoClim 2017
all other stratospheric particles
(33178 mass spectra)
30 (NO^+)
97 (HSO_4^-)
24 (C_2^+)
18 (NH_4^+)
39 (K^+)
12 (C^+)
195 ($H_2SO_4HSO_4^-$)
62 (NO_3^-)
48 (SO^+)
m/z
(c)
ALABAMA CAFE-Africa 2018
stratospheric particles containing Fe and Mg
(2882 mass spectra)
97 (HSO_4^-)
56 (Fe^+)
24 (Mg^+)
195 ($H_2SO_4HSO_4^-$)
23 (Na^+)
72 (FeO^+)
Intensity
m/z
(d)
ALABAMA CAFE-Africa
all other stratospheric particles
(7889 mass spectra)
97 (HSO_4^-)
30 (NO^+)
27 ($C_2H_3^+$)
39 (K^+)
18 (NH_4^+)
46 (NO_2^-)
43 ($C_3H_7^+$)
12 (C^+)
195 ($H_2SO_4HSO_4^-$)
62 (NO_3^-)
m/z