Fig. S1 Plots of the MS signal intensities of $S_2O_6^{2-}$ (m/z = 80, filled circle) and HSO_4^- (m/z = 97, open square) toward ozone concentrations. The concentration of $Na_2S_2O_6$ is 100 μM.
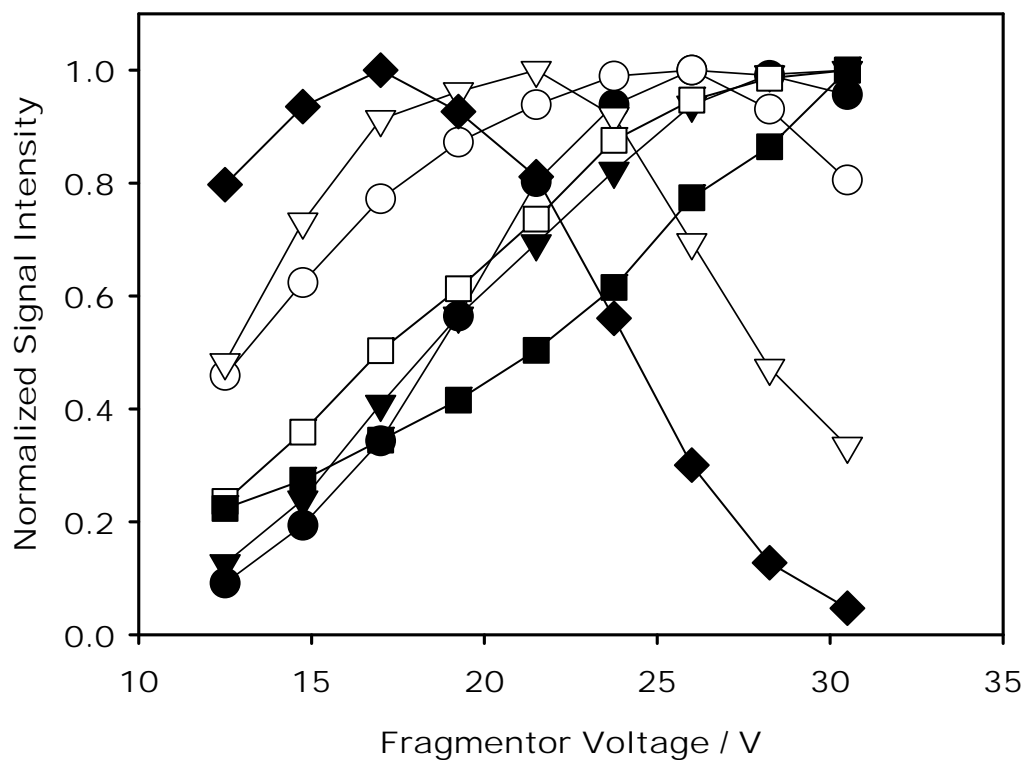
Fig. S2 Fragmentor voltage effects on the signal intensities of the anions where $[NaI] = [Na_2S_2O_3] = 30$ μM at [Ozone] = 410 ppm. These signal intensities were normalized by the individual peaks. $S_2O_6^{2-}$ (filled circle), HSO_4^- (open circle), $S_2O_3^-$ (filled diamond), $NaSO_4^-$ (filled triangle), $NaS_2O_3^-$ (open triangle), IO_3^- (open square), NaI_2^- (filled square).
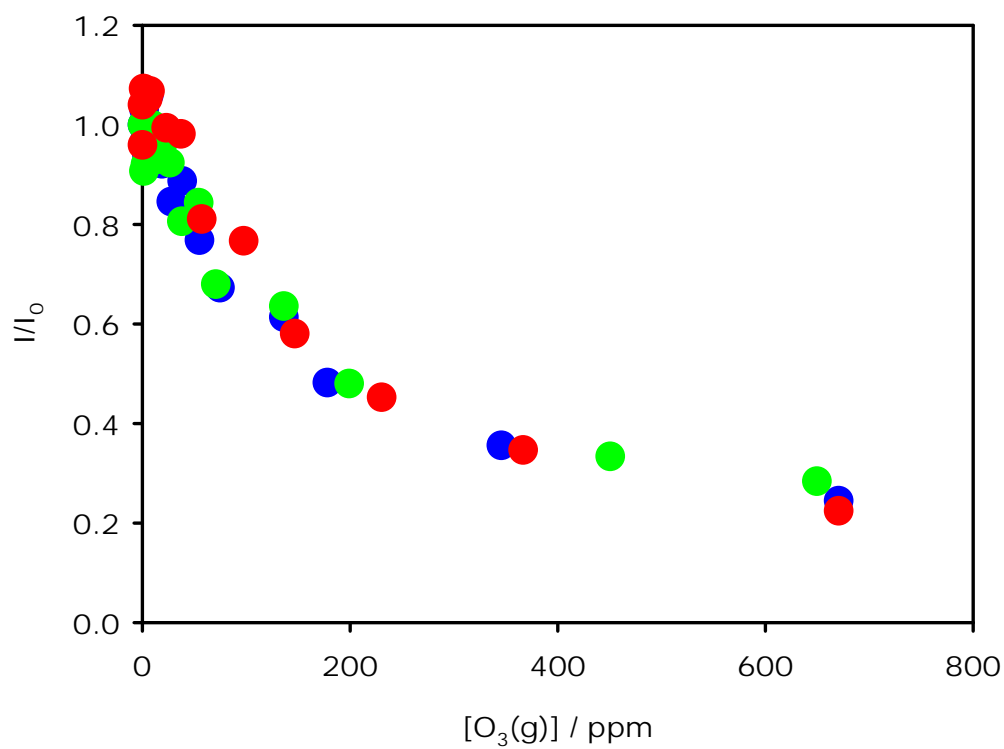
Fig. S3 Lack of collector capillary voltage effects on $[I^- + O_3(g)]$ kinetics. $[NaI]_0 = 30 \mu M$. Red: 3.5 kV; Green: 2.5 kV; Blue: 1.5 kV.