Figure 1-S. ESI-MS spectra of the aqueous solution of Pyruvic Acid 5 mM before reaction with O₃ and light. ESI-MS experimental conditions: Capillary: – 20V, DGT = 250°C.
Figure 2-S. ESI-MS of PA (5 mM) after 2 hours reactions with O₃ and/or of UV/VIS light. Experimental conditions: 360 ± 20 ppb O₃ in synthetic air (400ml/min), Xe lamp as a source of UV/VIS light, T = 25 ± 1°C. Conditions at ESI-MS: Capillary – 20V, DGT = 250°C.
Figure 3-S. ESI-MS spectra of the aqueous solution of Oxalic Acid 5 mM before reaction with O₃ and light. ESI-MS experimental conditions: Capillary: −20V, DGT = 250°C.
Figure 4-S. ESI-MS of OA (5 mM) after 2 hours reactions with O₃. Experimental conditions: 360 ± 20 ppb O₃ in synthetic air (400ml/min), T = 25 ± 1°C. Conditions at ESI-MS: Capillary – 20V, DGT = 250°C.