Supporting Information

High-Resolution Mass Spectrometry and Molecular Characterization of Aqueous Photochemistry Products of Common Types of Secondary Organic Aerosols

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Figure S1: Reconstructed mass spectra for all the unphotolyzed O₃ SOA samples (before photolysis) recorded in this work. The x-axis corresponds to the molecular weight of the neutral SOA compounds.
Figure S2. Reconstructed mass spectra for all the unphotolyzed NO$_x$ SOA samples (before photolysis) recorded in this work. The x-axis corresponds to the molecular weight of the neutral SOA compounds.
Figures S3. Multiple panels below show the mass spectra of all the SOA solutions before (black) and after (green) 1 h of photolysis. The difference (red, after - before) is representative of the change that occurred during photolysis the time.