

Photochemical Degradation of the Sunscreen Octyl methoxycinnamate Probed via Laser Interfaced Mass Spectrometry

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Content

S1: Raw ion intensity mass spectra of the thermal fragments of $[\text{OMC}+\text{H}]^+$

S2: Photofragment production spectra of the minor photofragments produced by $[\text{OMC}+\text{H}]^+$ obtained via laser-interfaced mass spectrometry

S1: Raw ion intensity mass spectra of the thermal fragments of [OMC+H]⁺

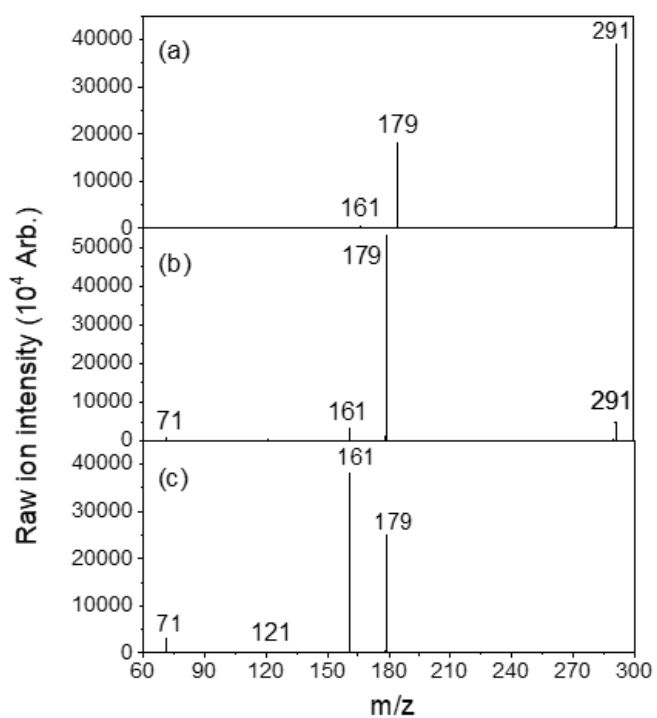


Figure S1: Raw ion intensity mass spectra of the thermal fragments of [OMC+H]⁺ at 0 % (a), 8 % (b) and 22 % (c) HCD energy.

S2: Photofragment production spectra of the minor photofragments produced by [OMC+H]⁺ obtained via laser-interfaced mass spectrometry

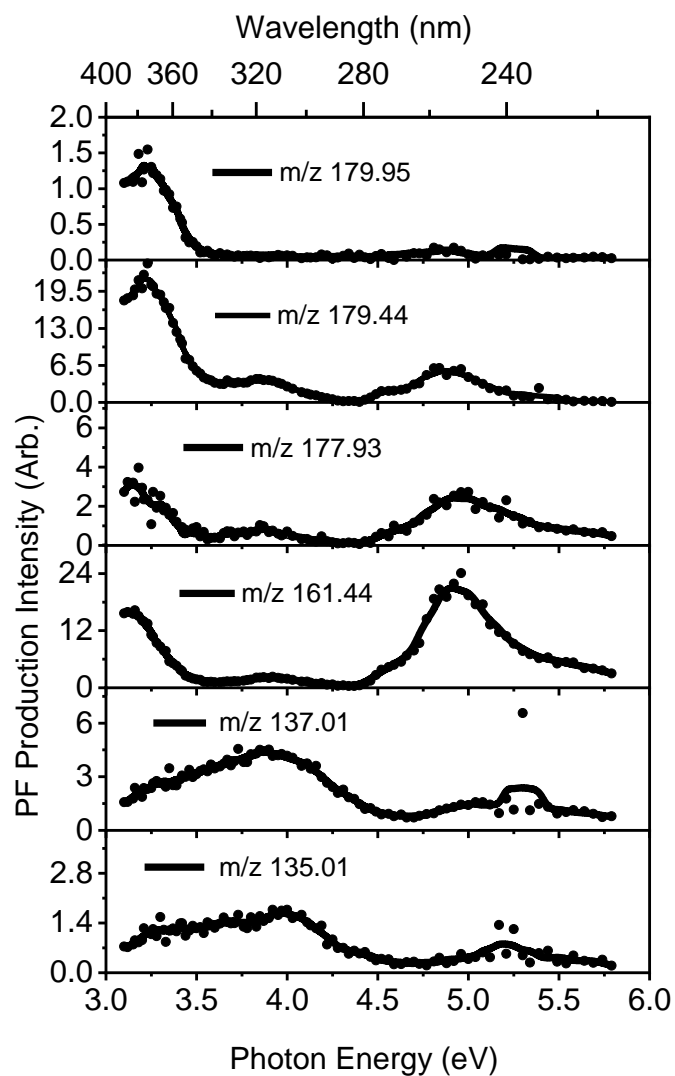


Figure S2: Photofragment production spectra of the minor fragments (m/z 179.95, 179.44, 177.93, 161.44, 137.01 and 135.01) of gas-phase [OMC+H]⁺. The solid line is a five-point adjacent average of the data points.

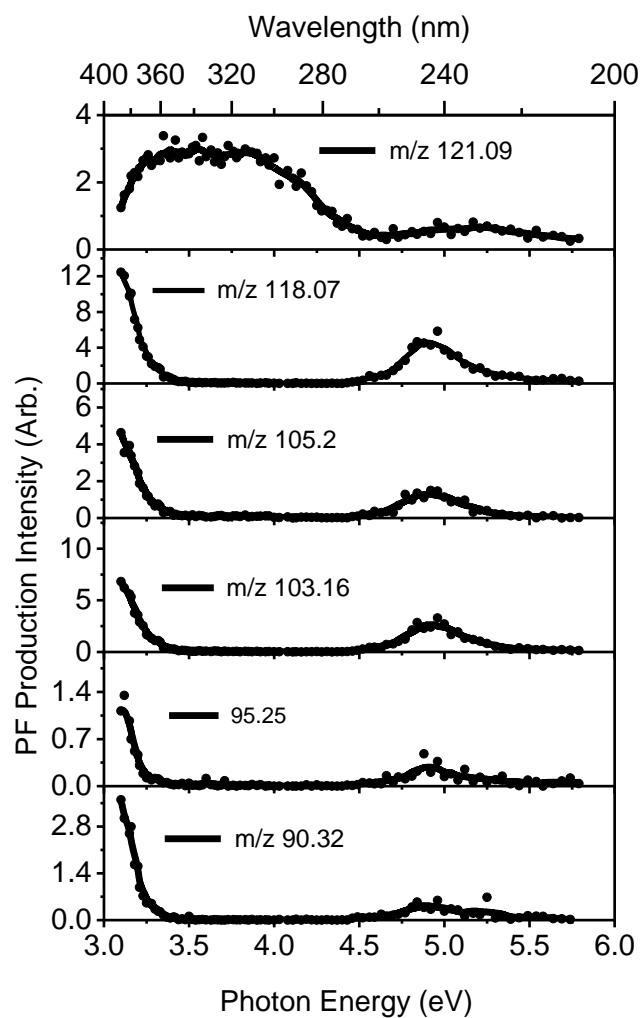


Figure S3: Photofragment production spectra of the minor fragments (m/z 121.09, 118.07, 105.2, 103.16, 95.25 and 90.32) of gas-phase $[[\text{OMC}+\text{H}]^+$. The solid line is a five-point adjacent average of the data points.

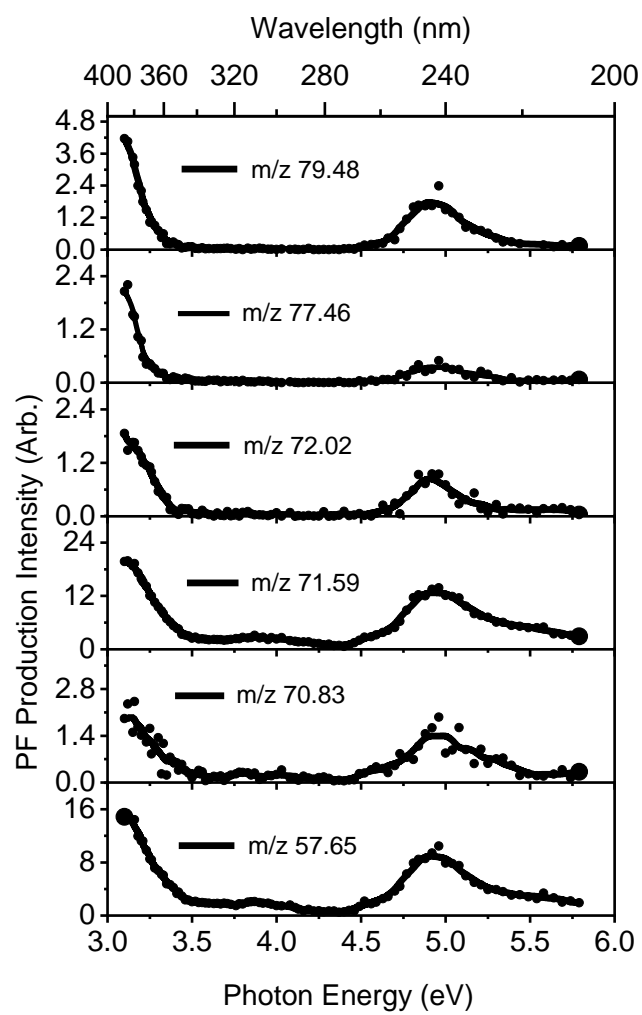


Figure S4: Photofragment production spectra of the minor fragments (m/z 79.48, 77.46, 72.02, 71.59, 70.83 and 57.65) of gas-phase $[\text{OMC}+\text{H}]^+$. The solid line is a five-point adjacent average of the data points.

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