

Photochemical Degradation of Pyrazosulfuron-Ethyl in Aqueous Solution

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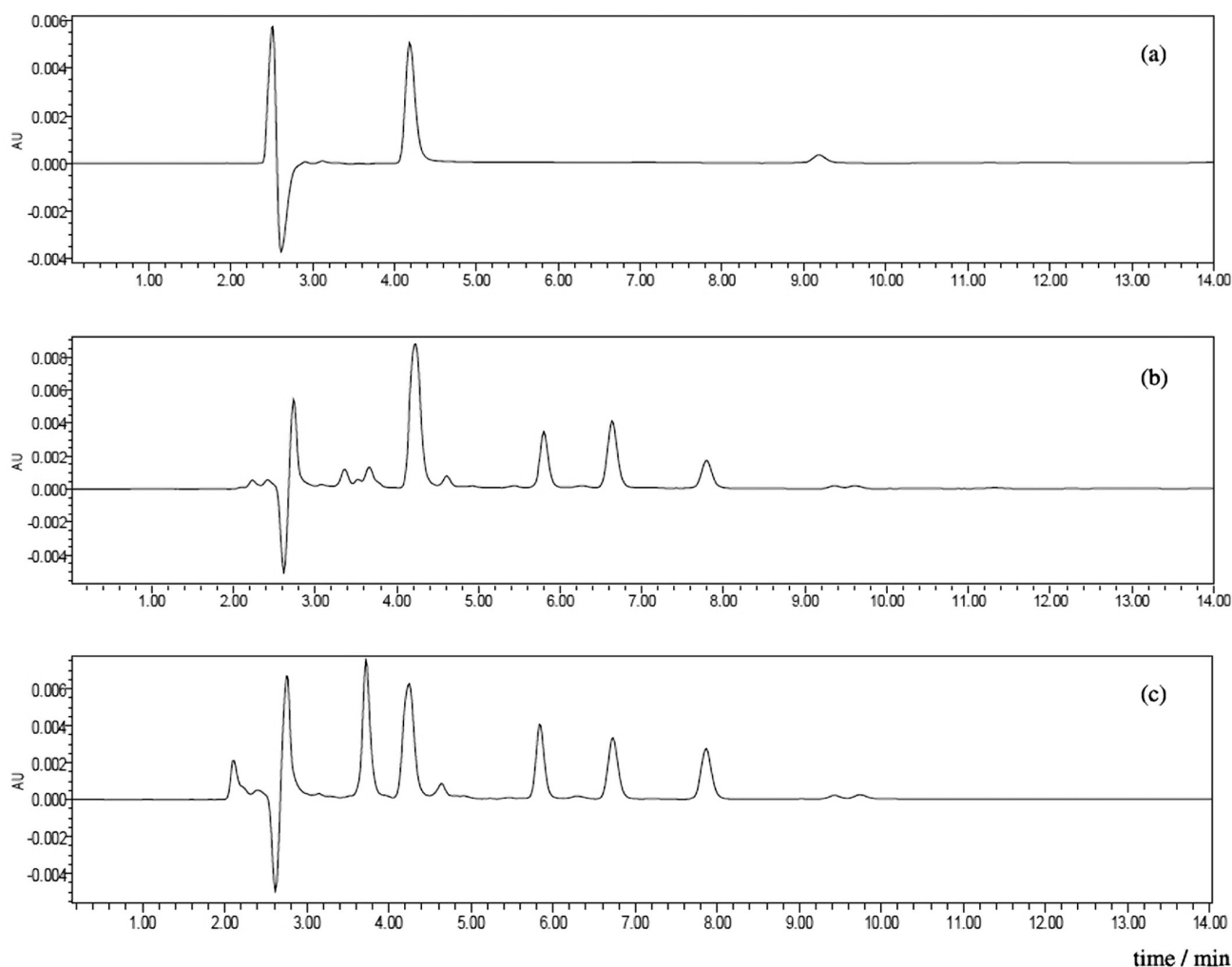


Figure S1. Representative HPLC-UV chromatograms of (a) standard chemicals of pyrazosulfuron-ethyl and 2-amino-4,6-dimethoxypyrimidine, (b) photodegradation products of pyrazosulfuron-ethyl after irradiation 60 min by UV light and (c) photodegradation products of pyrazosulfuron-ethyl after irradiation 180 min by simulated sunlight in aqueous solution.

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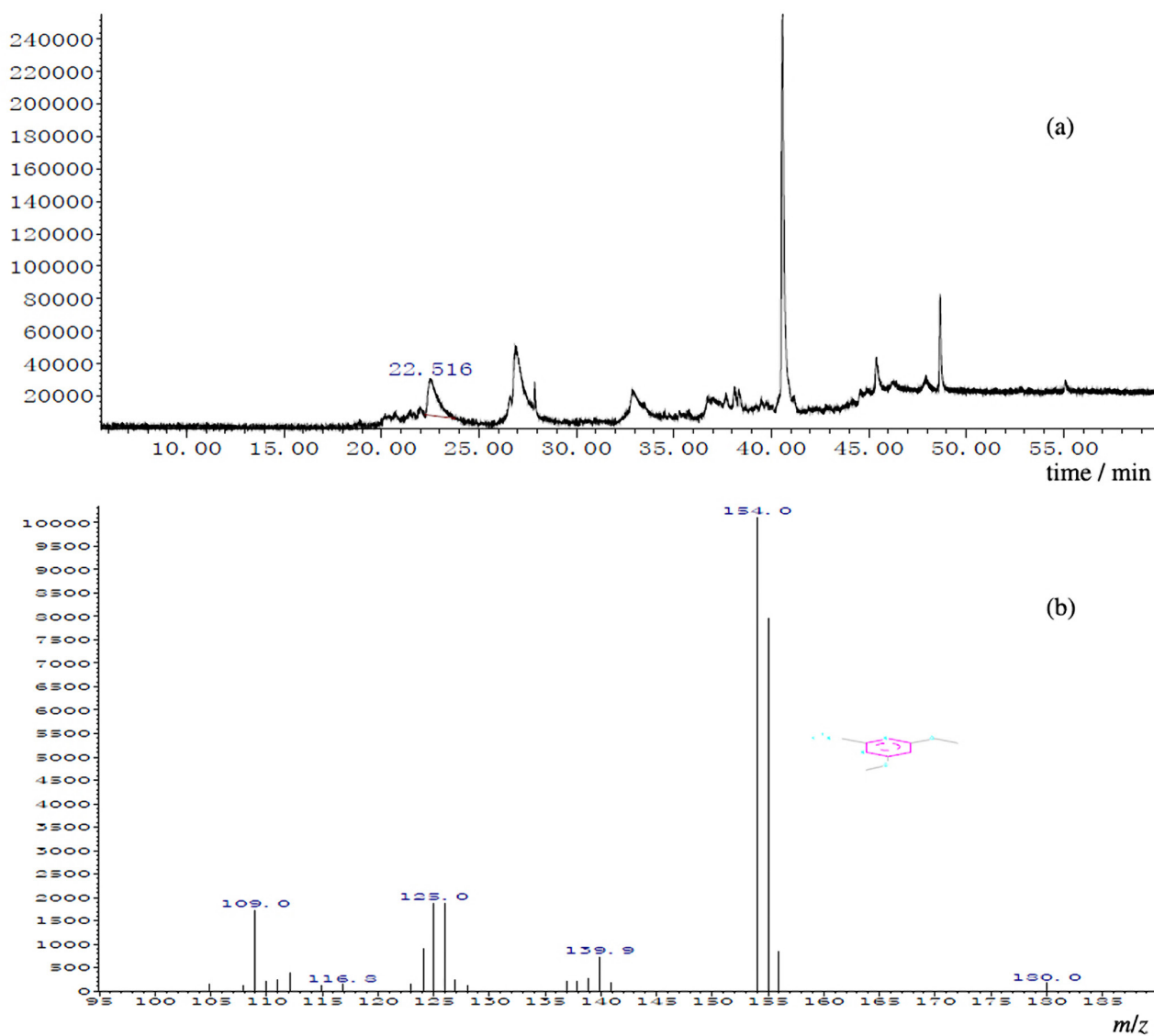


Figure S2. Total ion chromatogram (a) and GC-MS (b) spectrograms of photoproduct 1. The inset in b is the molecular structure of photoproduct 1.

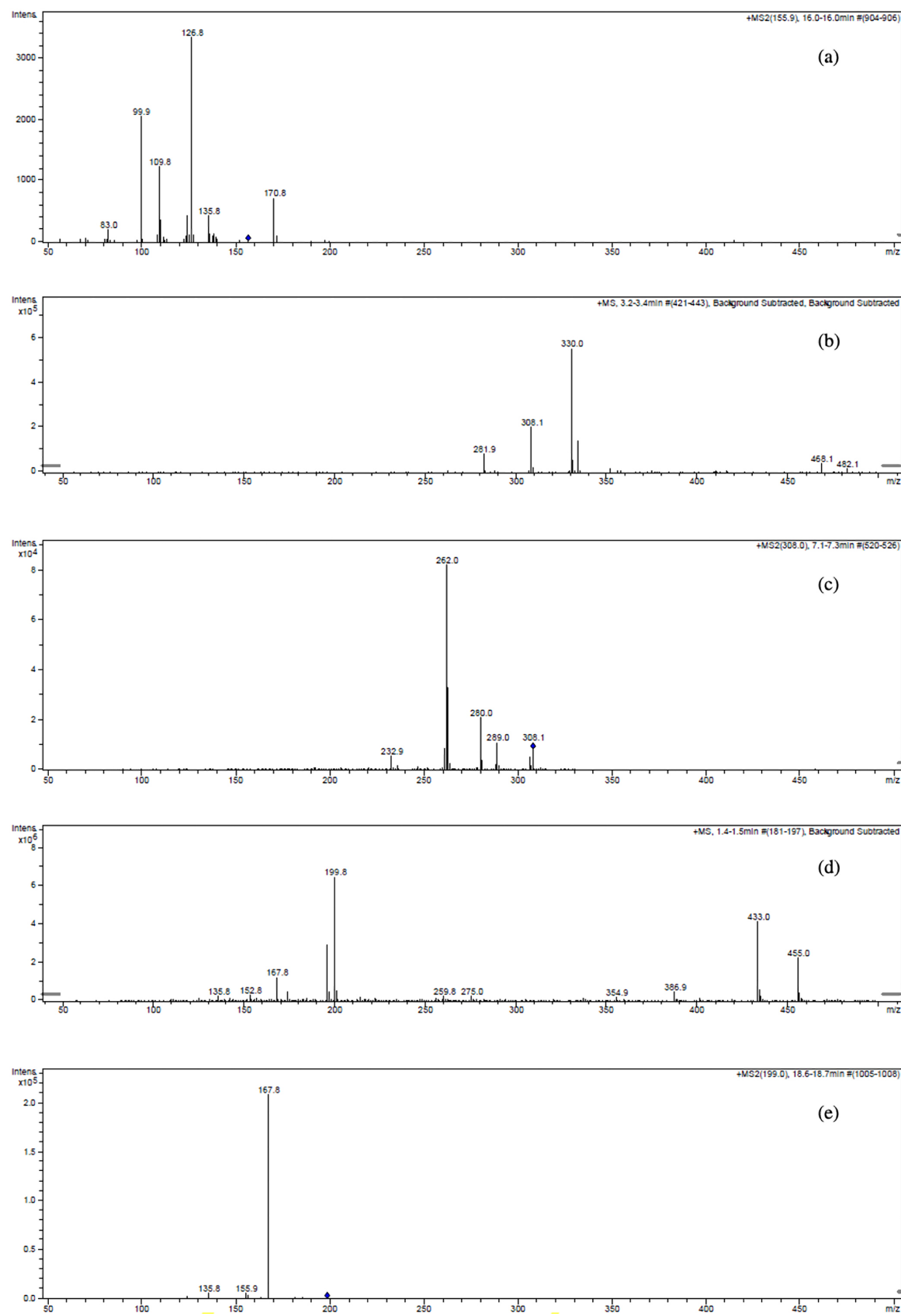


Figure S3. Mass spectra of product 1: MS^2 (a), product 2: MS (b) and MS^2 (c), product 3: MS (d) and MS^2 (e).