coatings

Supplementary Materials: Application of Photocatalytic Falling Film Reactor to Elucidate the Degradation Pathways of Pharmaceutical Diclofenac and Ibuprofen in Aqueous Solutions

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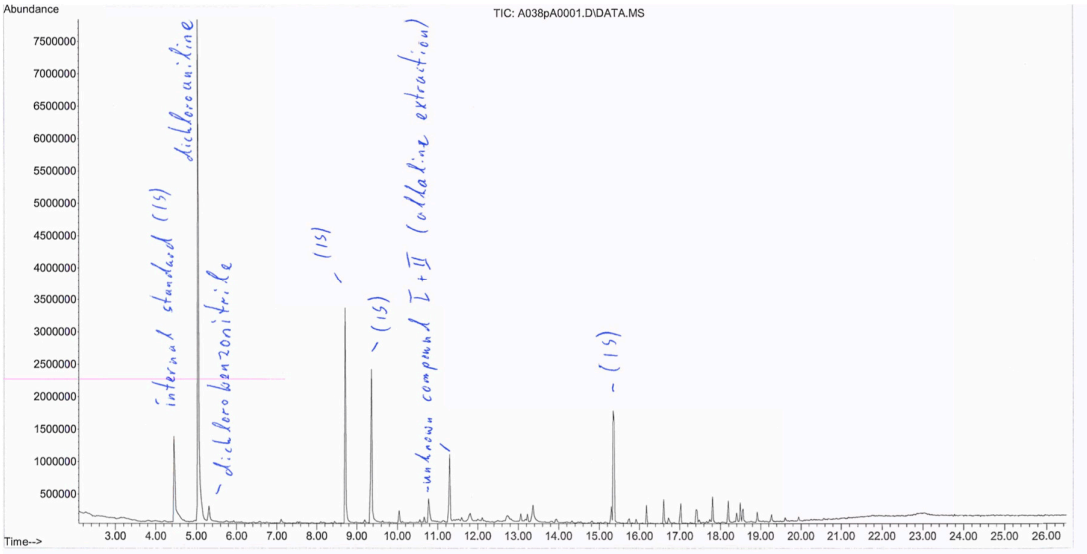
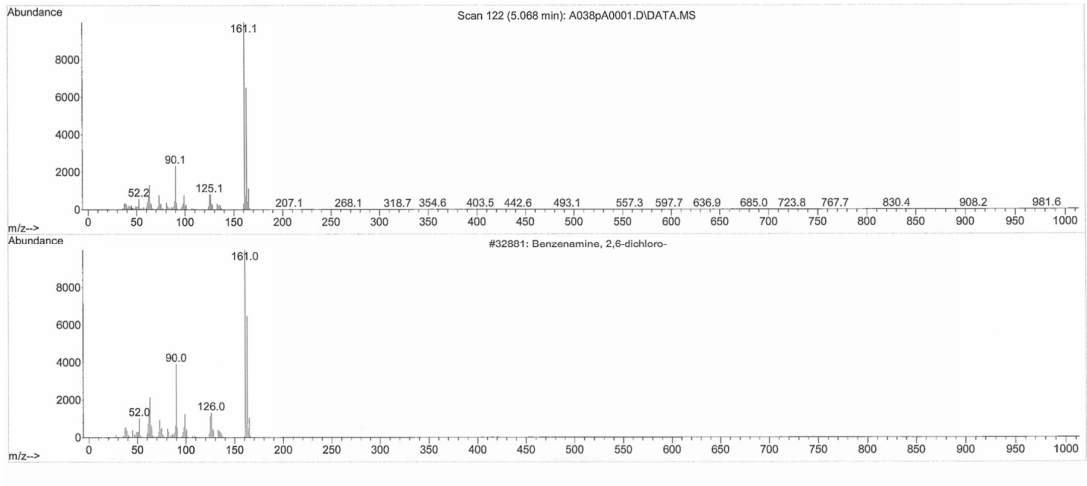
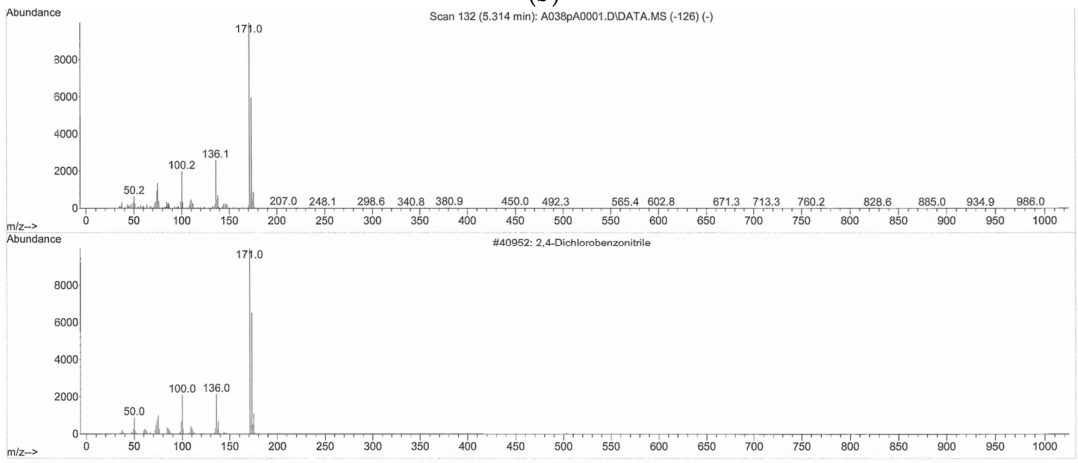


(**a**)

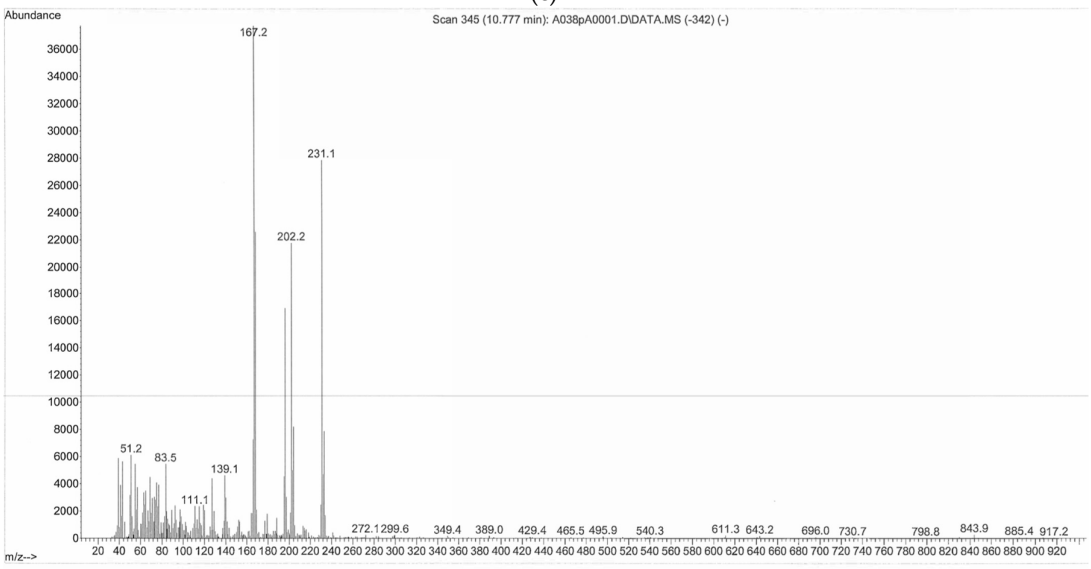
Figure S1. *Cont.*



(**b**)

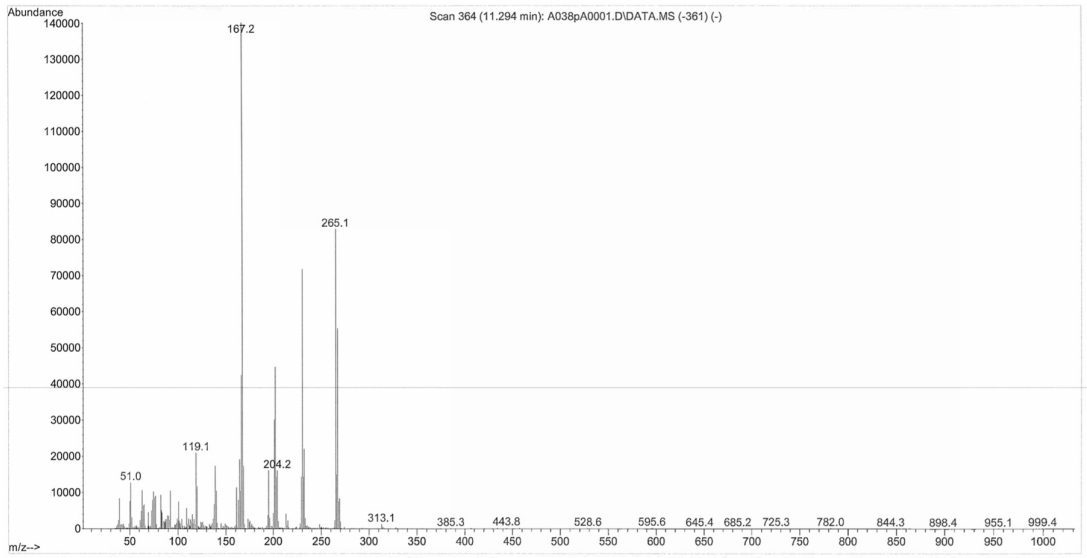


(**c**)



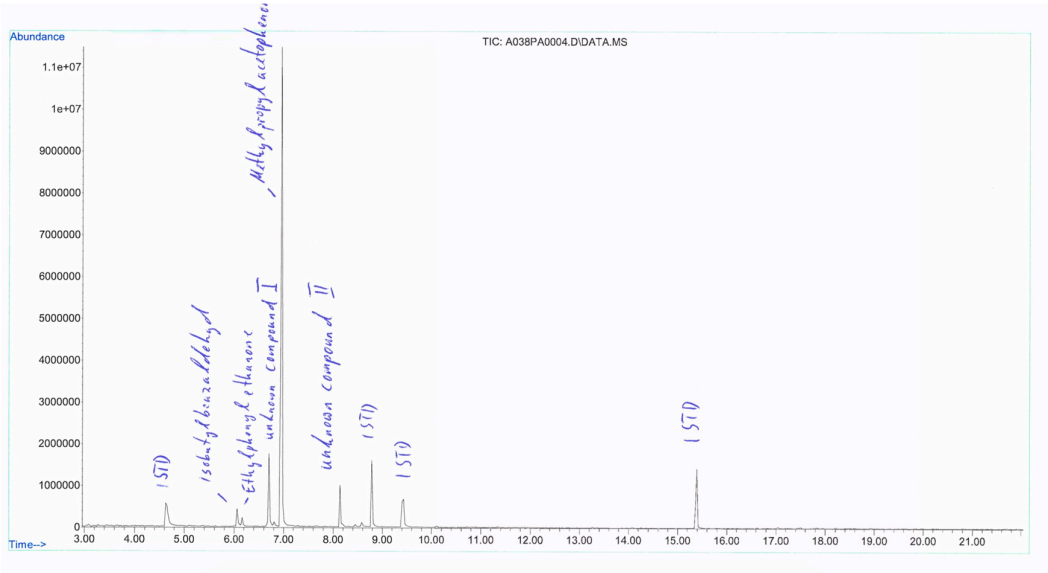
(**d**)

Figure S1. *Cont.*



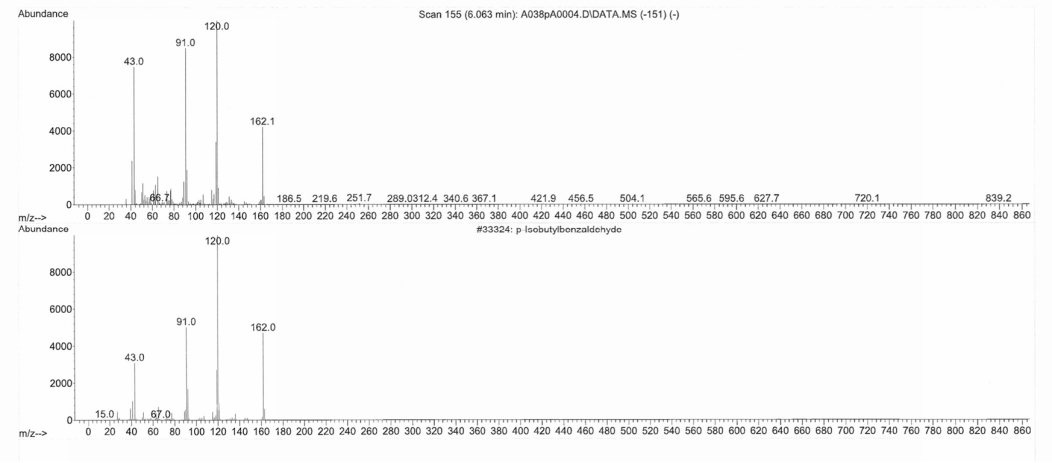
(**e**)

Figure S1. GC/MS chromatogram obtained for photocatalytic degradation of DCF (50 mg/L) under UVA irradiation, the identified degradation intermediates are shown in Table 1. (**a**) GC/MS chromatogram; (**b**) 2,6-Dichloroaniline (**c**) 2,6-Dichlorobenzonitrile, (**d**) 2-(2-Chlorophenylamino)-benzaldehyde, (**e**) 2-(2,6-Dichlorophenylamino)-benzaldehyde.

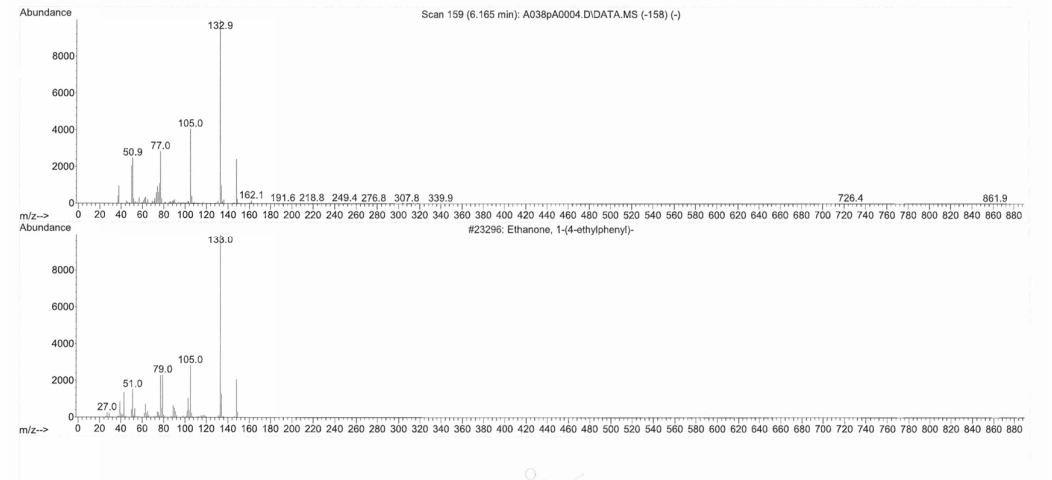


(**a**)

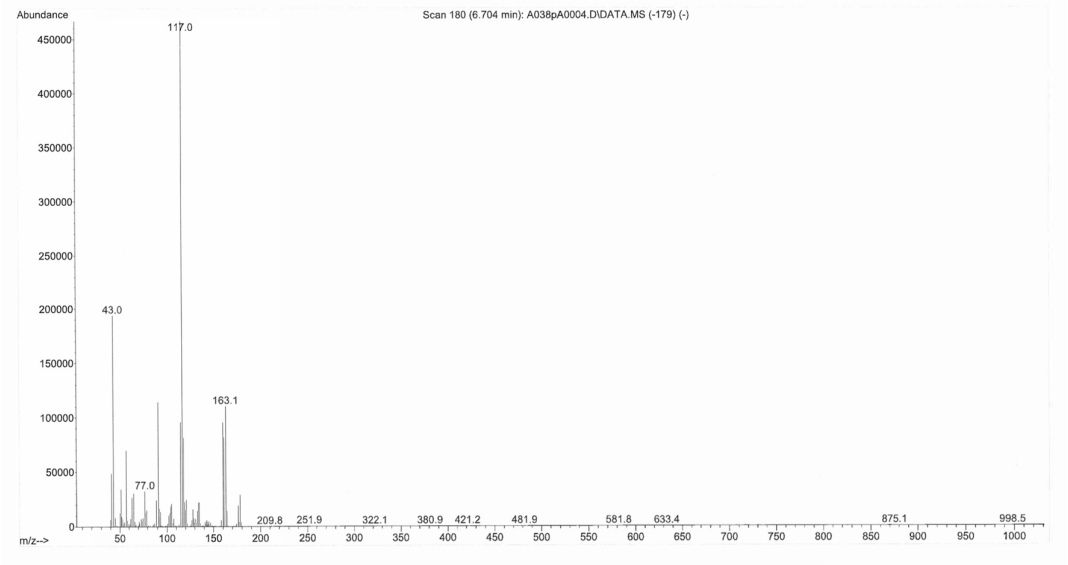
Figure S2. *Cont.*



(**b**)

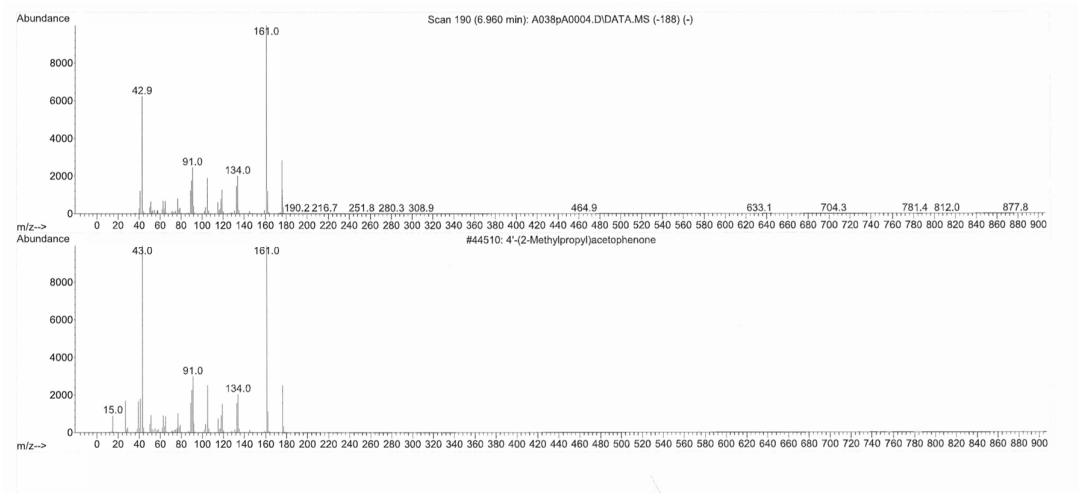


(**c**)

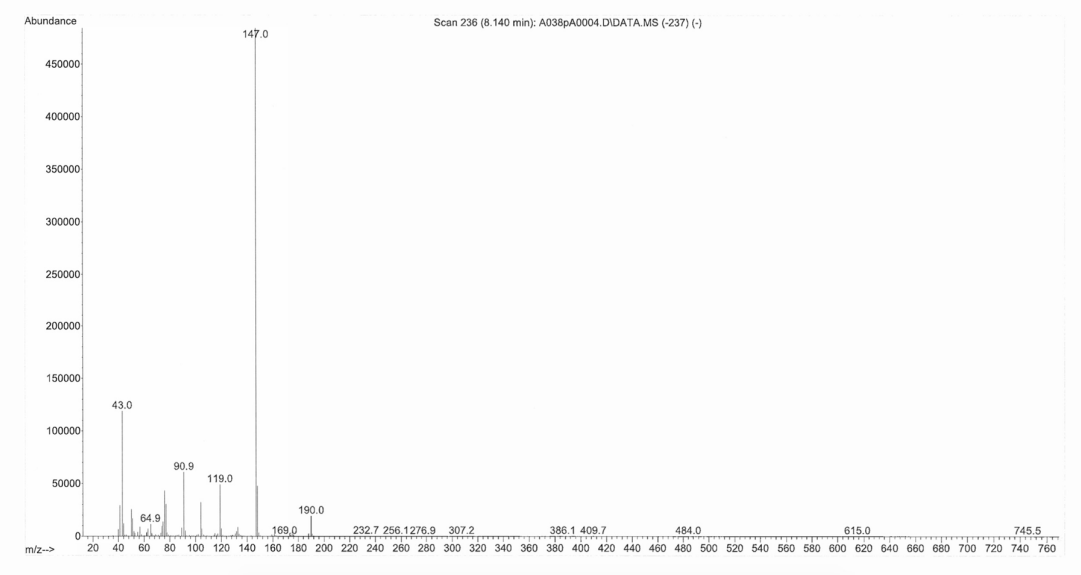


(**d**)

Figure S2. *Cont.*



(**e**)



(**f**)

Figure S2. GC/MS chromatogram obtained for photocatalytic degradation of IBP (50 mg/L) under UVA irradiation, the identified degradation intermediates are shown in Table 2. (**a**) GC/MS chromatogram, (**b**) 4-Isobutylbenzaldehyde, (**c**) 4-Isopropylbenzaldehyde, (**d**) 4-Ethylacetophenone, (**e**) 4-Isobutylacetophenone, (**f**) 4-(1-carboxyethyl)benzoic acid.