

Fig. S1 Photographs of microplastics items identified using microscopes.

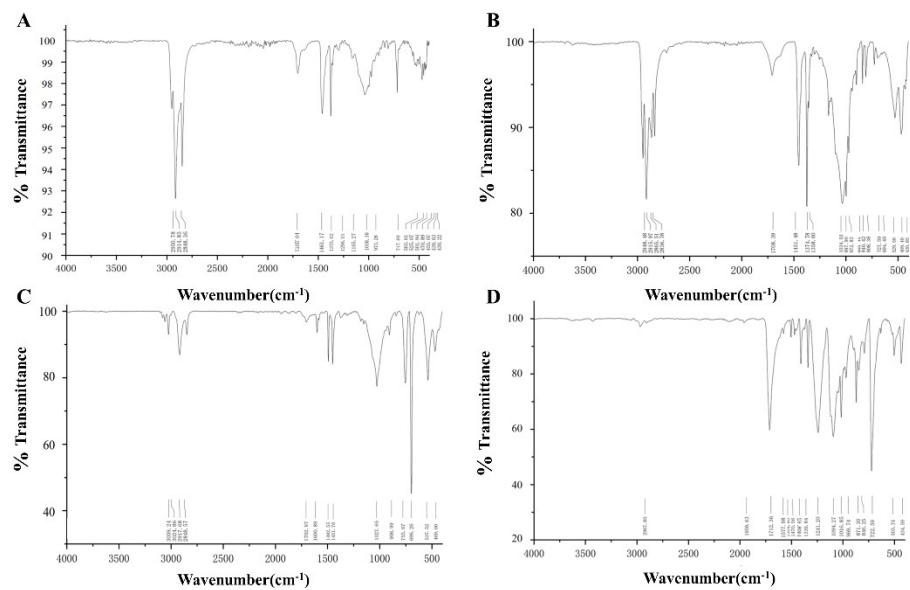


Fig. S2 ATR-FTIR spectra of the main polymers present in the types of MPs: A polyethylene (PE); B polypropylene (PP); C Polystyrene (PS); D polyethylene terephthalate (PET).

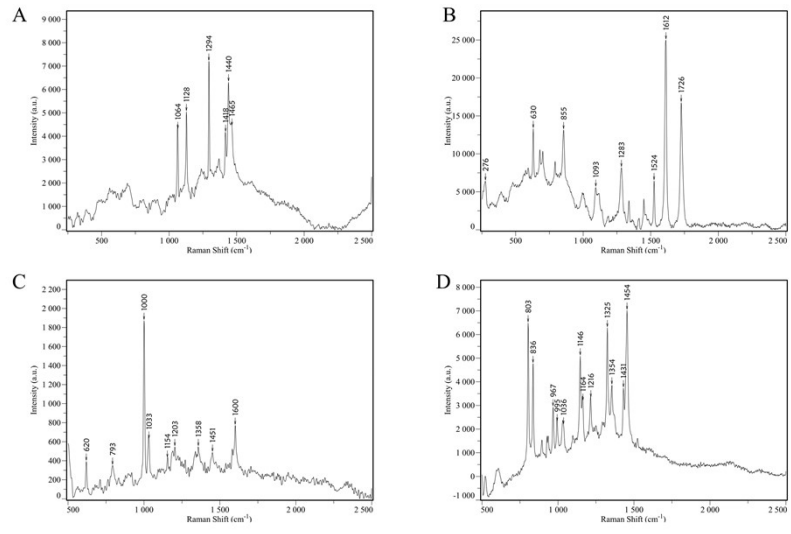


Fig. S3 Raman spectroscopy of the main polymers present in the types of MPs: A polyethylene (PE); B polyethylene terephthalate (PET); C Polystyrene (PS); D polypropylene (PP).