Supplement:
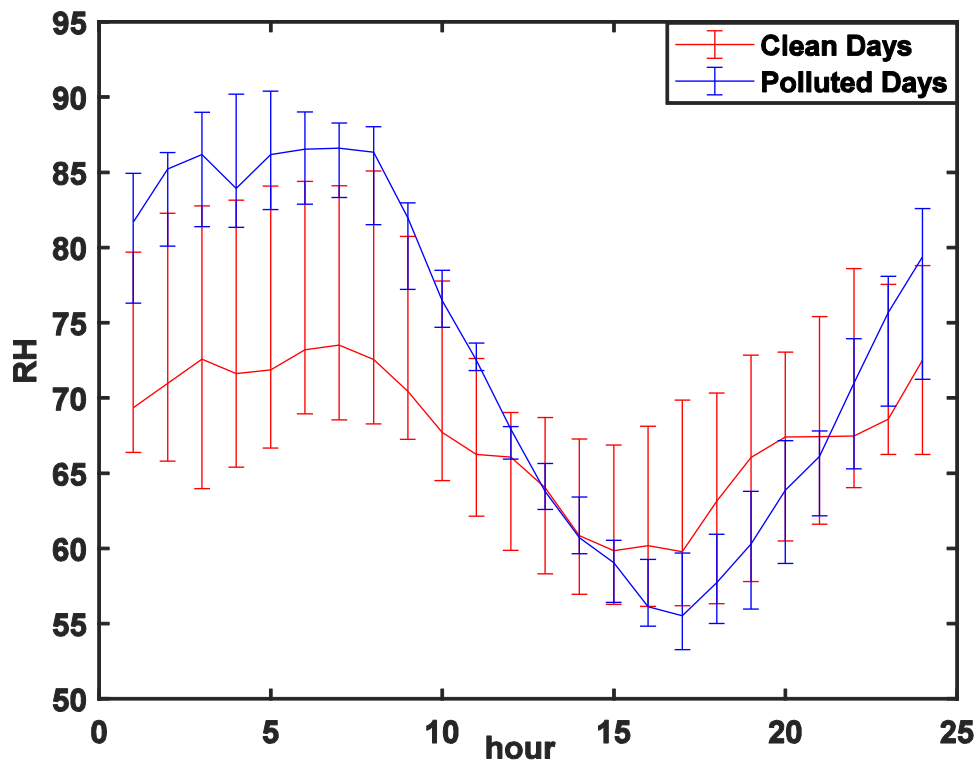

Figure S1: Diurnal variation of relative humidity during the polluted and the clean days.
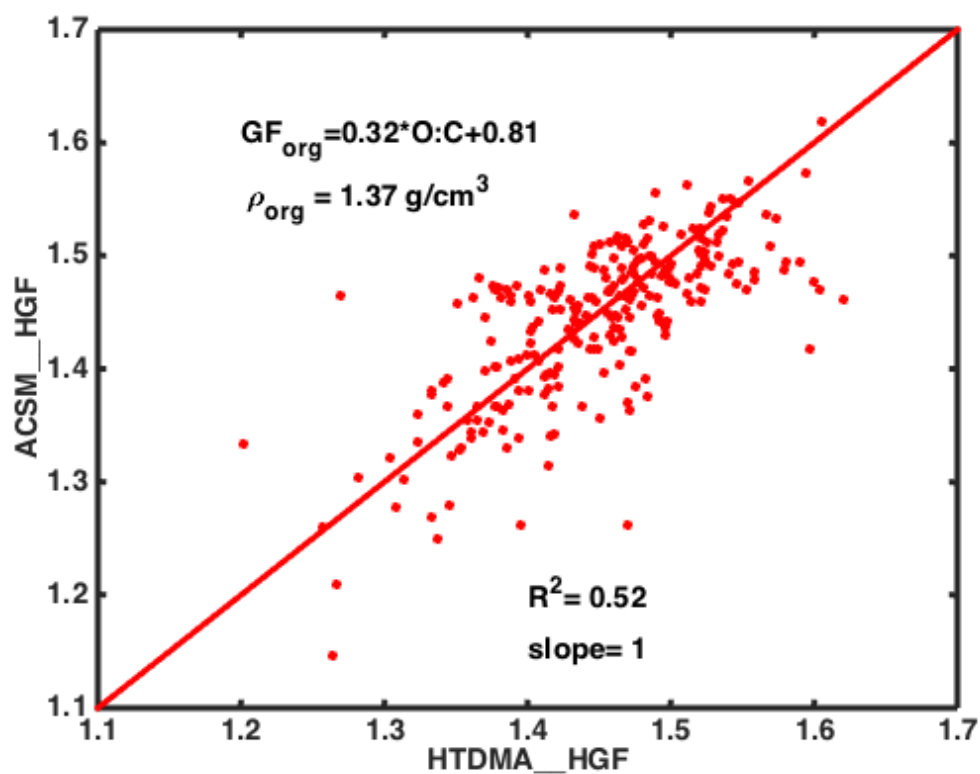
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Figure S2. Closure analysis with the best fitting between the measured HGFs and the ACSM-derived ones using the O:C-dependent HGF_{org} and the effective density of organic aerosol fraction. The equations are the achieved approximation for HGF_{org} as a function of the O:C of organics and the effective density for organics, respectively.