Primary and secondary sources of ambient formaldehyde in the

Yangtze River Delta based on OMPS observation

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Figure S1. (a) Correlation analysis and (b) time series of tropospheric HCHO VCDs measured by OMPS and HCHO Colum below 1km measured by FTS from Jul.1st, 2015 to Nov.20th, 2017.



Figure S2. Correlation analysis of total HCHO and primary HCHO from 2015 to 2017 at RJR site (a), MGQ site (b), and XLUT site (c) in Nanjing, at XS site (d), CXT site (e), and FDCH site (f) in Hangzhou, and at HK site (g), PDNA site (h), and DSL site (i) in Shanghai.