



Supplement of

Volatility of organic aerosol and its components in the Megacity of Paris

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Table S1. Estimated volatility distributions for the OA and the PMF factors. ^a

Table S1. Estimated volatility distributions for the OA and the PMF factors. ^a C^*									
				Summer	2009				
HOA	-	-	-	0.13	0.14	0.08	0.02	0.06	0.57
COA	-	-	0.13	0.15	0.07	0.2	0.08	0.37	-
MOA	-	-	-	0.03	0.03	0.05	0.28	0.42	0.19
SV-OOA	-	-	-	0.06	0.14	0.15	0.13	0.18	0.34
LV-OOA	0.2	0.24	0.28	0.25	0.03	-	-	-	-
·				Winter	2010				
HOA	-	-	-	0.11	0.09	0.07	0.12	0.11	0.5
COA	-	0.12	0.11	0.14	0.42	0.11	0.1	-	-
BBOA	-	-	-	0.2	0.09	0.08	0.13	0.09	0.41
OOA	-	-	-	0.3	0.09	0.07	0.09	0.1	0.35

^a Expressed as fractions of the OA with $C^* \le 10 \ \mu g \ m^{-3}$.

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Figure S1. Organic mass fraction remaining (MFR) as a function of TD temperature for ambient concentration greater than 1.5 μ g m⁻³ (peak data – green squares) and concentrations lower than 1.5 μ g m⁻³ (non peak data – purple circles) for the summer 2009 campaign.



Figure S2. Organic mass fraction remaining as a function of TD temperature for ambient concentration greater than 4.5 μ g m⁻³ (peak data – green squares) and concentrations lower than 4.5 μ g m⁻³ (non peak data – purple circles) for the winter 2010 campaign.



