



Secondary Organic Aerosol yields in chamber experiments

Kokkola, H., Yli-Pirilä, P., Vesterinen, M., Korhonen, H., Keskinen, H., Romakkaniemi, S., Hao, L., Kortelainen, A., Joutsensaari, J., Worsnop, D. R., Virtanen, A., and Lehtinen, K. E. J.,

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- Secondary organic aerosol (SOA) formation is based on bottom-up approach
oxidation chamber measurements in global aerosol-climate models
- PTR-MS + AMS measurements to estimate the implications of chamber wall losses of organic gases on secondary organic aerosol formation
- Low-volatile organics are depleted rapidly in chamber experiments
- Due to this, SOA yields may be underestimated significantly
In global aerosol models

