

Supporting Information for

On the evolution of sub- and super-saturated water uptake of secondary organic aerosol in chamber experiments from mixed precursors

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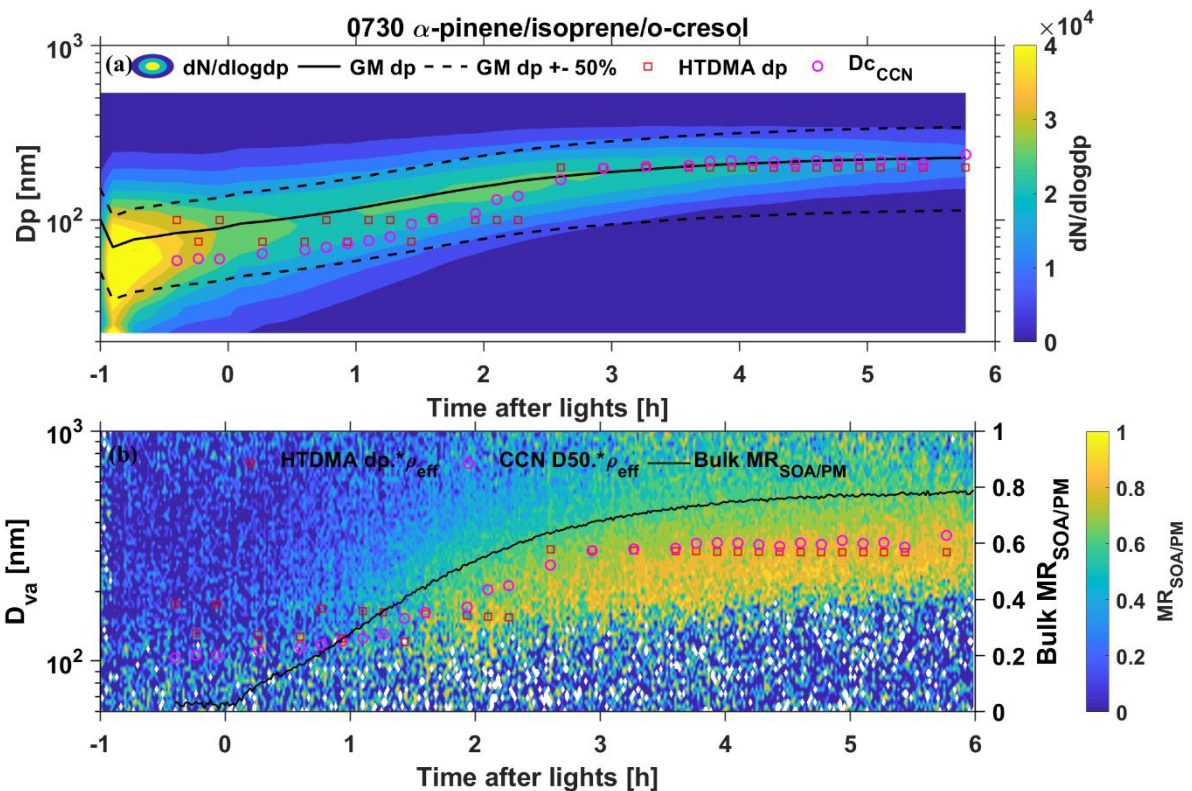
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25 Figure S1. Time series of (a) particle number size distribution, HTDMA measured dp and critical diameter measured by CCN counter ($D_{c,CCN}$). (b) Bulk and size-resolved $MR_{SOA/PM}$ in the α -pinene/isoprene/o-cresol system as an example. Here, the data points were selected when the 10-minute moving average of $MR_{SOA/PM}$ between HTDMA dp and CCN $D_{c,CCN}$ are within 5%.

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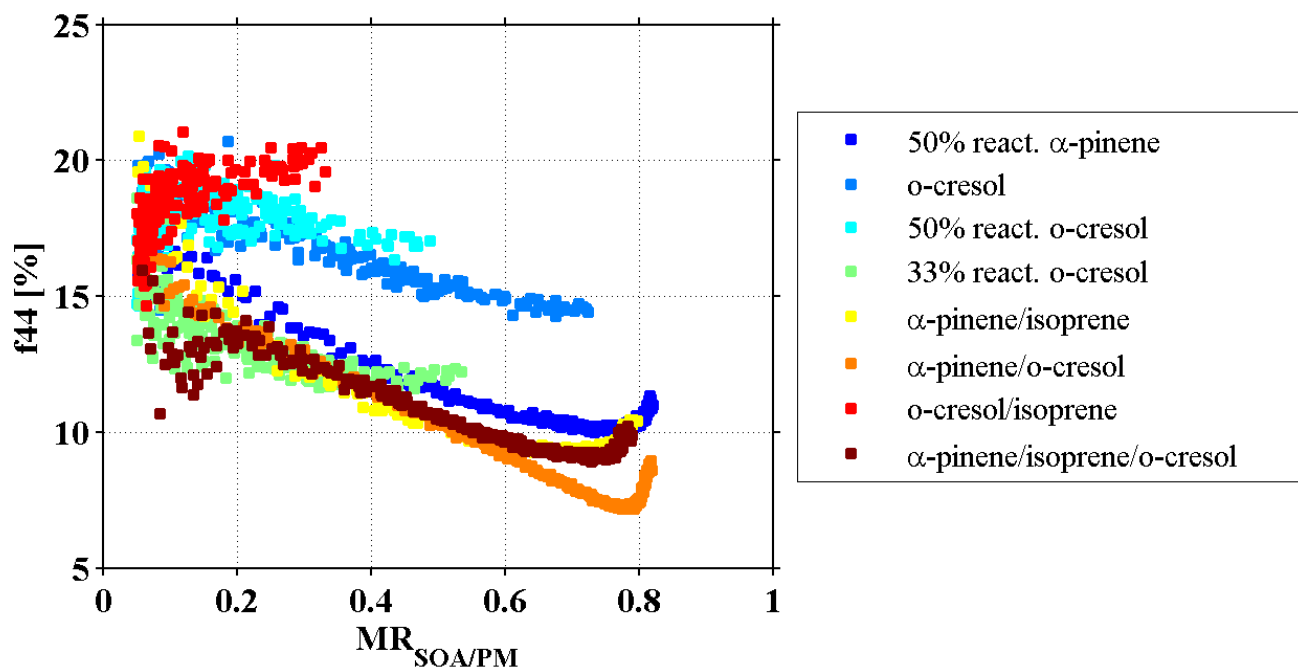


Figure S2. The fraction of m/z 44 in the total organic signal (f44) as a function of MR_{SOA/PM} in the various investigated VOC systems.