

Supplementary Material for:

Secondary Organic and Inorganic Aerosol Formation from a GDI Vehicle Under Different Driving Conditions

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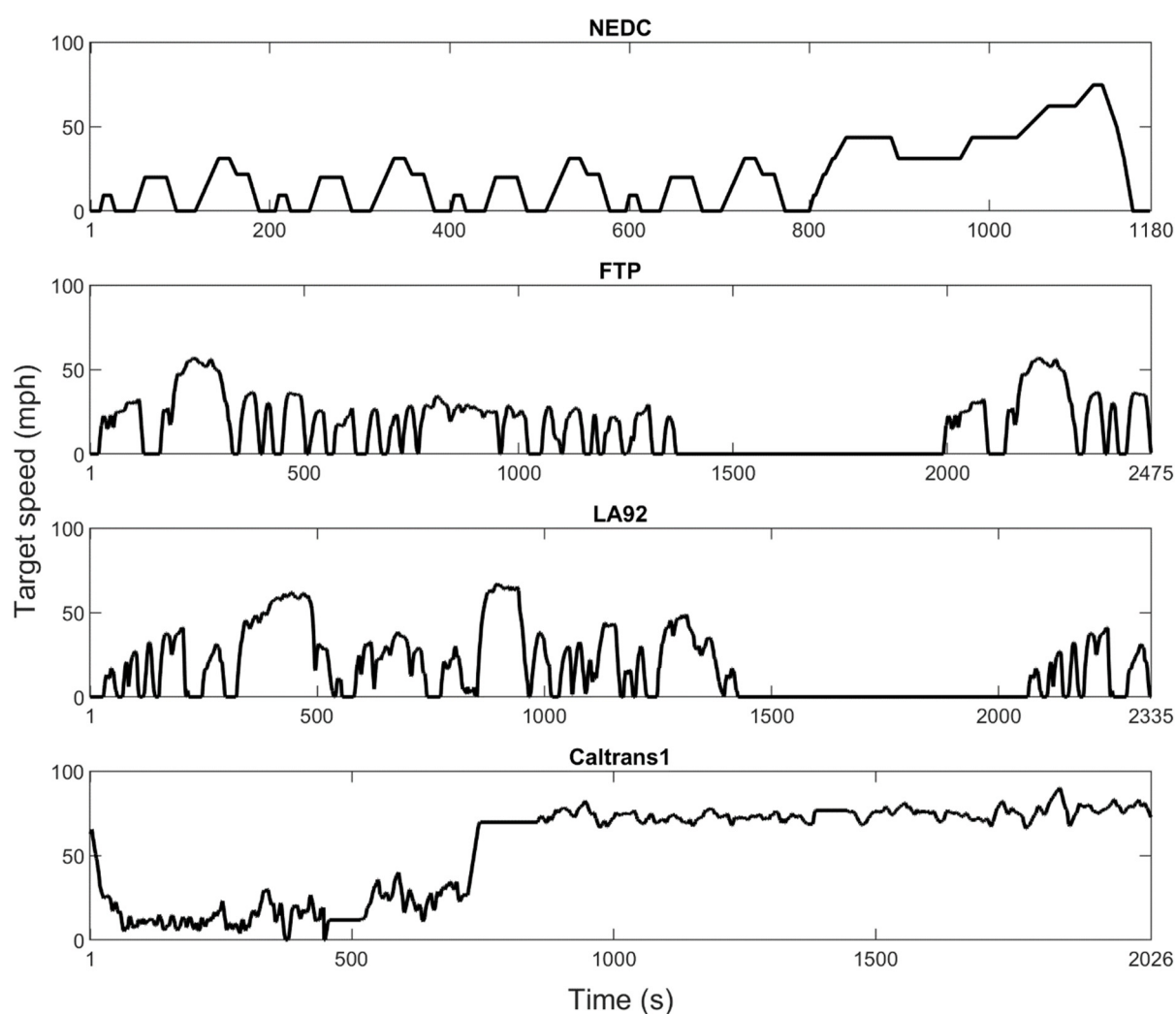


Figure S1. Speed-time profiles of the driving cycles.

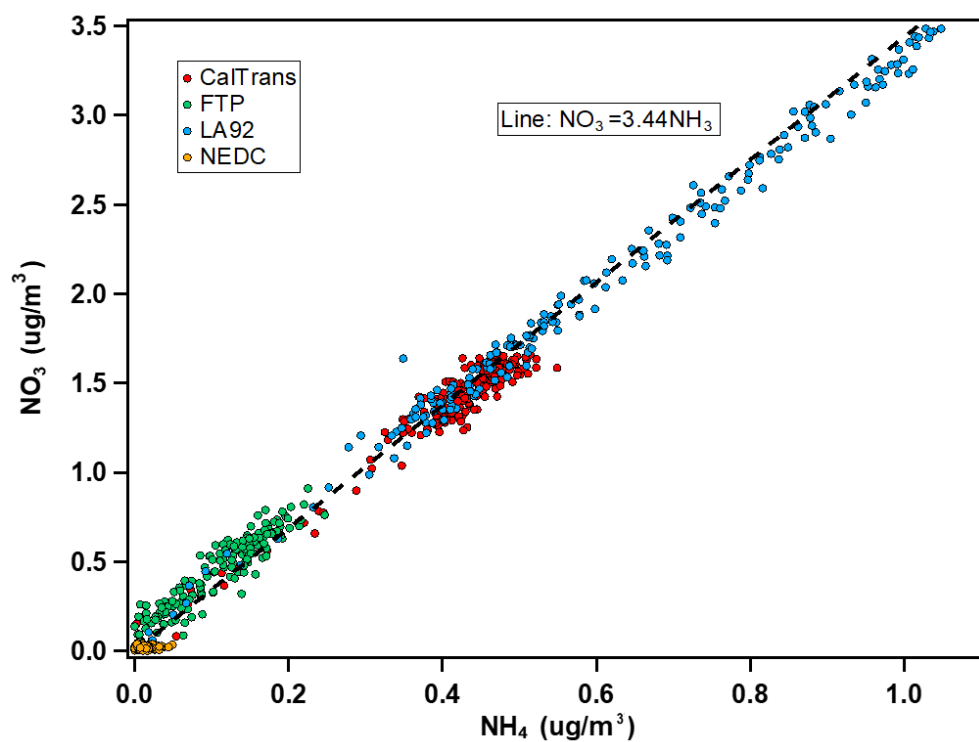


Figure S2. Nitrate and ammonium concentrations in PM during photooxidation.

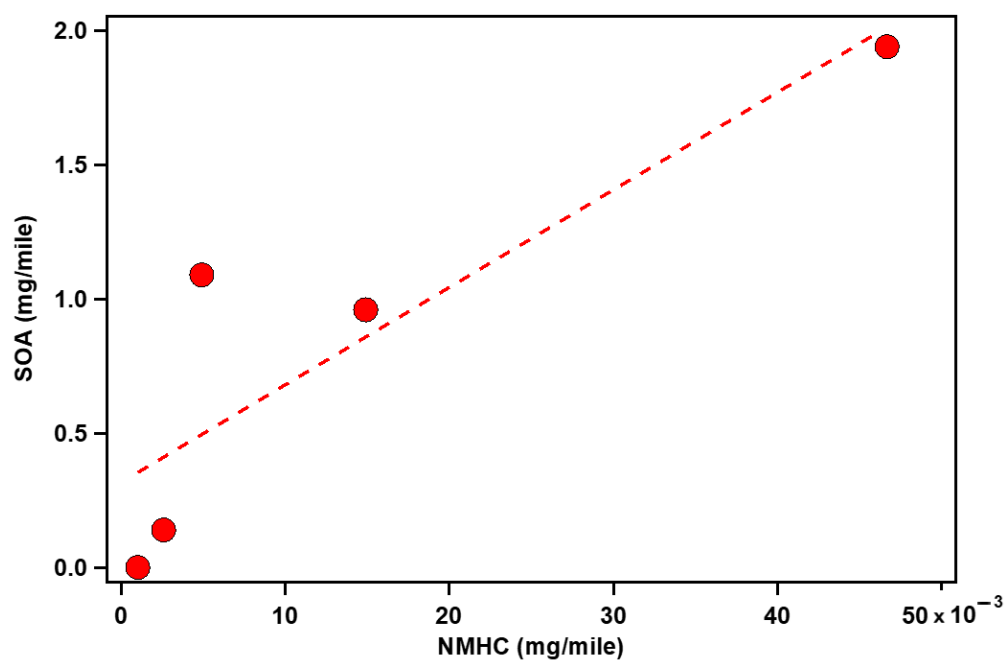
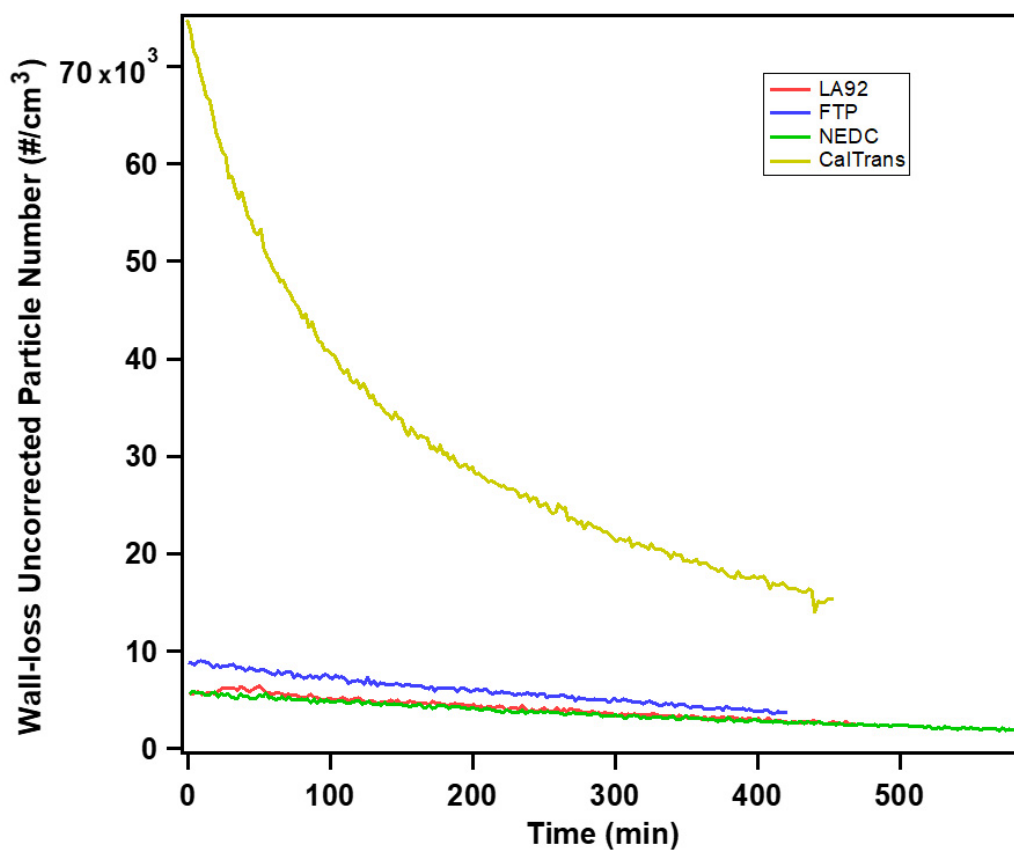
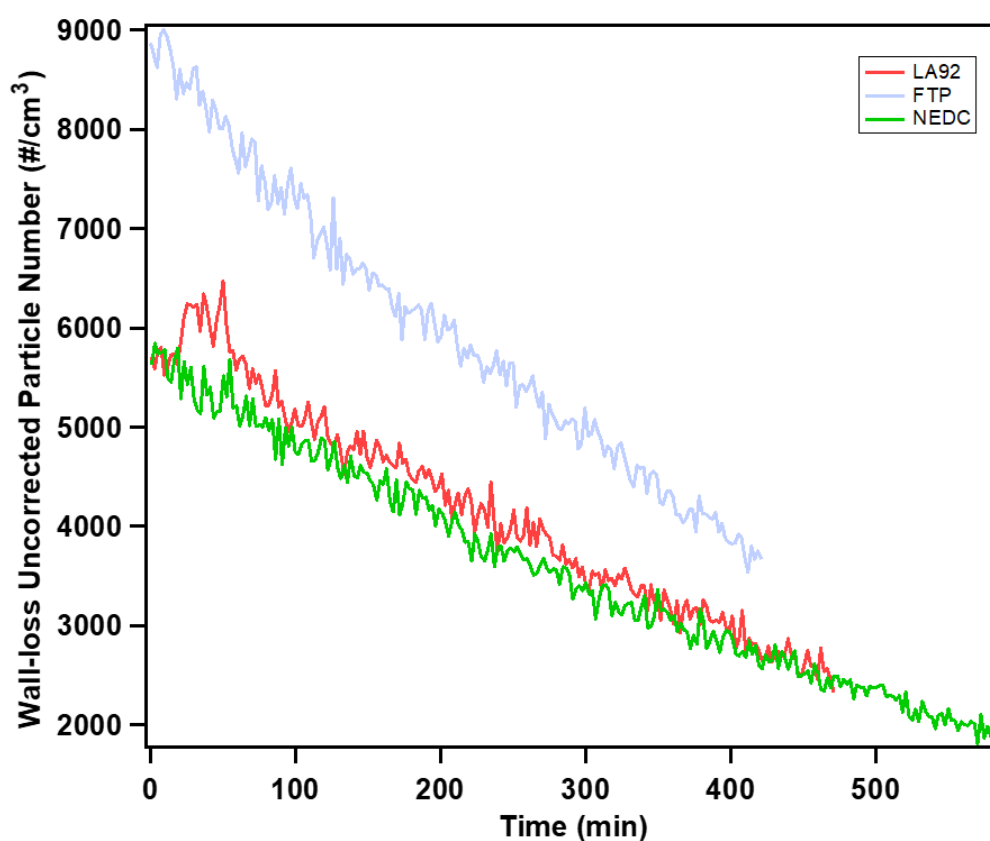


Figure S3. Relationship between SOA emission factor versus tailpipe NMHC emissions.



A



B

Figure S4. Wall-loss uncorrected particle number in the environmental chamber; Top panel (A) shows measurements for all driving cycles and bottom panel (B) shows measurements for the NEDC, LA92, and FTP only for improved readability.