Supporting Information

Photolysis of CF_3CH_2CHO in the Presence of O_2 at 248 and 266 nm: Quantum Yields, Products and Mechanism

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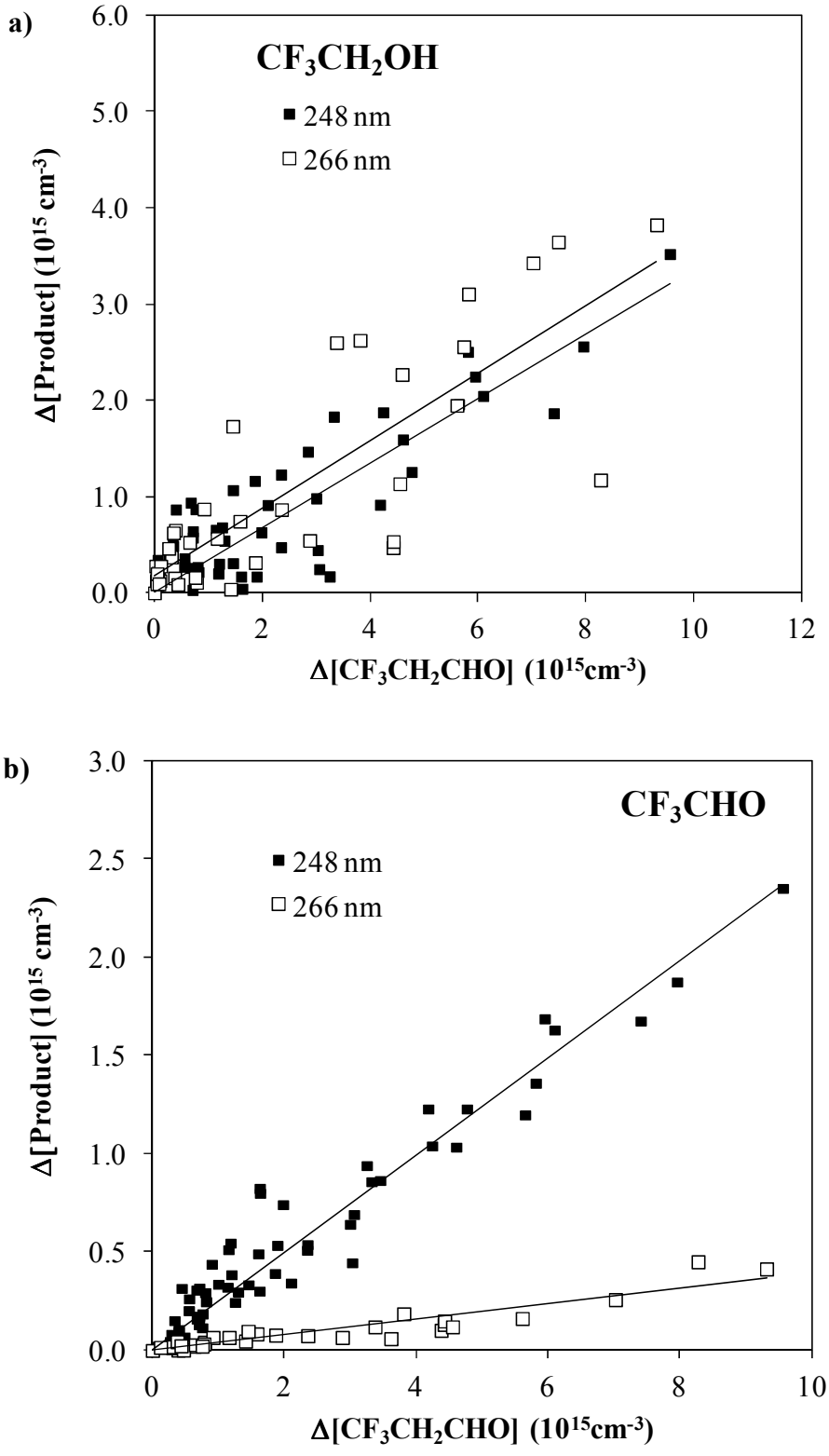


Figure S1. Molar yield plots for CF_3CH_2OH and CF_3CHO, obtained in the photolysis of CF_3CH_2CHO at 248 and 266 nm.

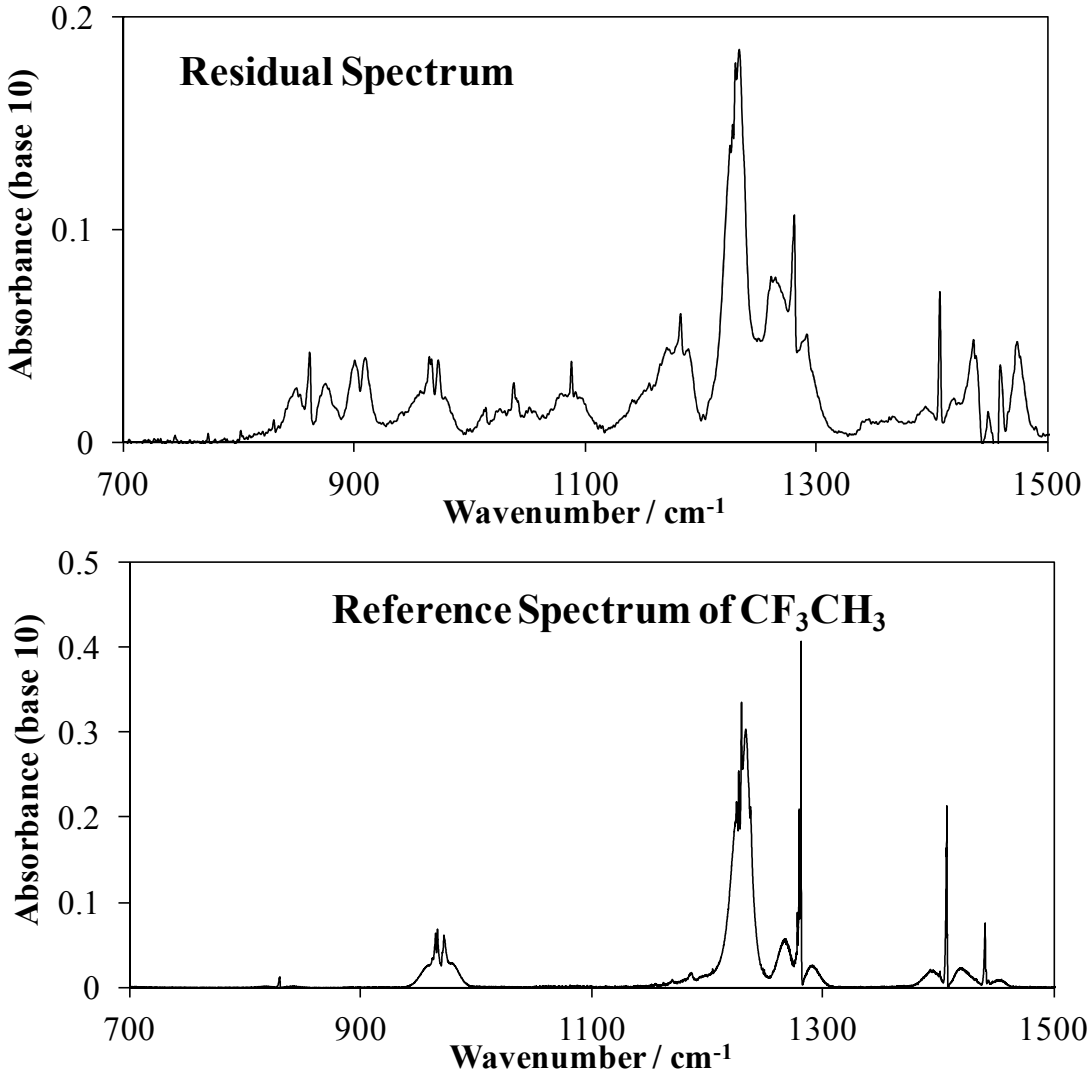


Figure S2. Identification of CF_3CH_3 features in the residual IR spectrum obtained in the photolysis at 248 nm of CF_3CH_2CHO (760 Torr, 1.6×10^{15} cm^{-3} in the IR cell). Subtraction of HCOOH, CF_3CHO, cyclohexane and CF_3CH_2CHO features was performed. IR spectrum of CF_3CH_3 was constructed assuming a concentration of 1×10^{14} cm^{-3}.