Supporting Information

Analysis of photo-irradiated water accommodated fractions of crude oils using tandem TIMS and FT-ICR MS

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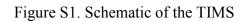
S1. Cover pager

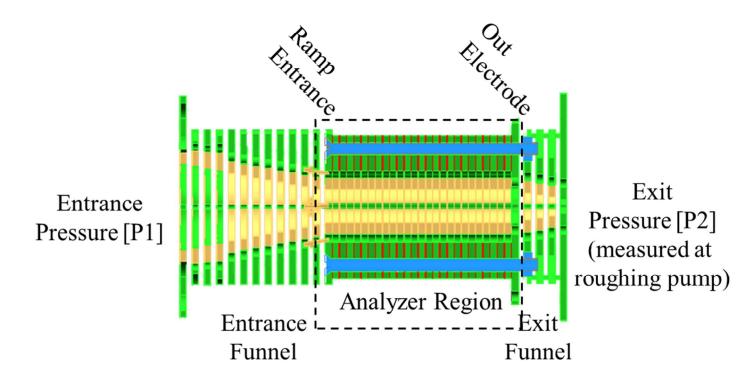
S2. Figure S1. Schematic of the TIMS

S3. Figure S2. Carbon number vs DBE plot for the O_{0-3} chemical classes for the three different experimental time points.

S4. Figure S3 Carbon number vs DBE plot for the O_{4-5} chemical classes for the three different experimental time points.

S5. Figure S4. Carbon number vs DBE plot for the N_1O_{0-3} chemical classes for the three different experimental time points.





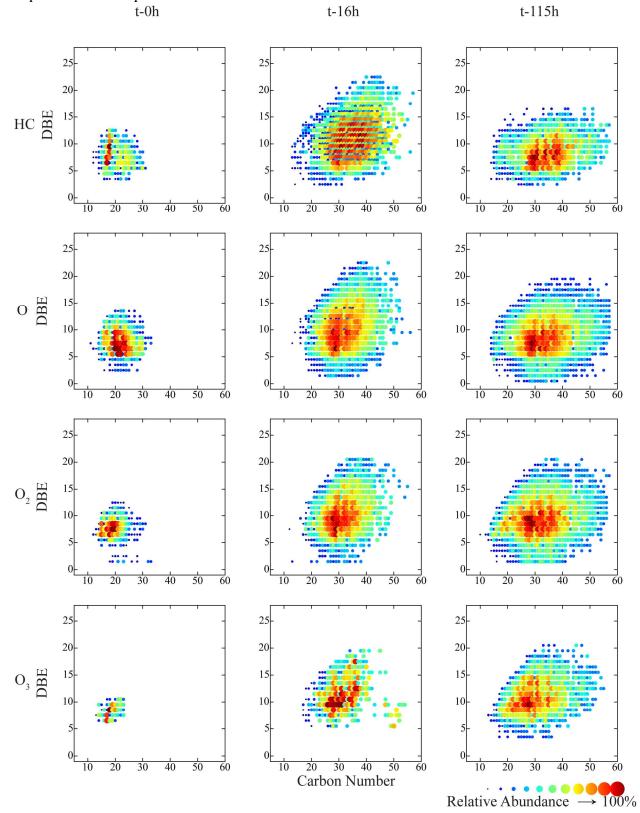
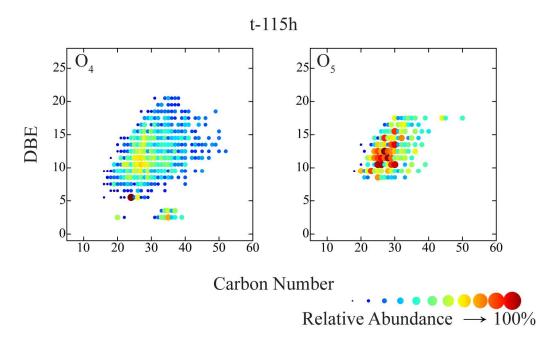


Figure S2. Carbon number vs DBE plot for the O_{0-3} chemical classes for the three different experimental time points.

Figure S3 Carbon number vs DBE plot for the O_{4-5} chemical classes for the three different experimental time points.



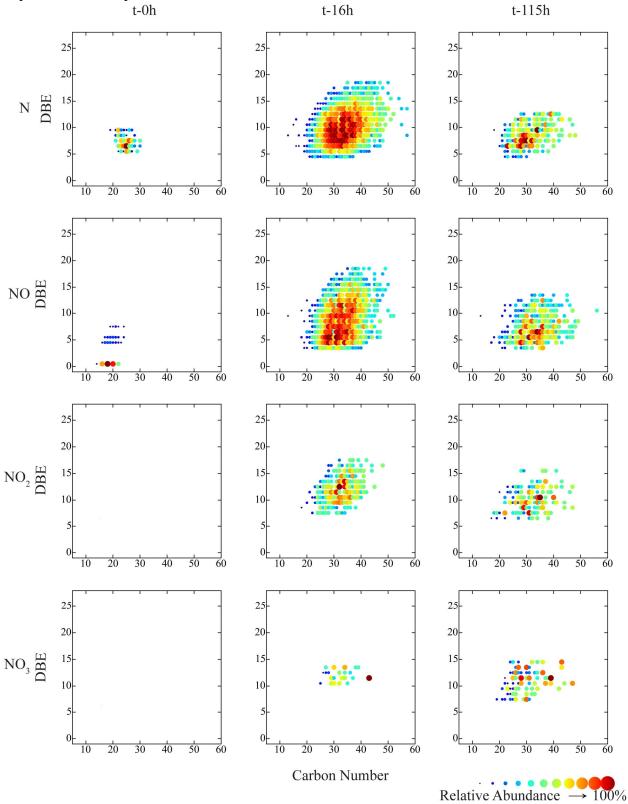


Figure S4. Carbon number vs DBE plot for the N_1O_{0-3} chemical classes for the three different experimental time points.