SUPPORTING INFORMATION

Investigating the Photochemical Decomposition of Solid 1,3,5-Trinitro-
1,3,5-Triazinane (RDX)

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Table S2. Column densities of decomposed RDX and its products calculated using their integral absorption coefficients and integrated peak area of the vibrational bands.

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<th>Wavenumber Observed (cm(^{-1}))</th>
<th>Assignment</th>
<th>Integrated Absorption Coefficient (A(\cdot) cm molecule(^{-1}))</th>
<th>Column Density (molecule cm(^{-2}))</th>
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<td>1581</td>
<td>(v^\text{as}(\text{NO}_2)) RDX</td>
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<td>(5.6 \pm 0.6 \times 10^{15})</td>
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<td>3500-3100</td>
<td>(v_\text{OH}(\text{H}_2\text{O}))</td>
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<td>(5.8 \pm 0.6 \times 10^{14})</td>
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<td>(v_1(\text{N}_2\text{O}))</td>
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<td>(v^\text{as}(\text{NO}_2)) RDX</td>
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