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| <b>C<sub>3</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub></b><br><b>CF<sub>3</sub>COOCH<sub>3</sub></b>    | <b>Trifluoromethyl acetate</b><br>Structure by ED, computational methods and rotational spectroscopy<br><i>N. Kuze, A. Ishikawa, M. Kono, T. Kobayashi, N. Fuchisawa, T. Tsuji, and H. Takeuchi</i><br>Manuscript in preparation |
| <b>C<sub>6</sub>H<sub>8</sub>O</b><br><b>C<sub>6</sub>H<sub>8</sub>O</b>                                 | <b>2,5-Dimethylfuran</b><br>Structure by ED, ab initio calculations<br><i>N. Kuze, Y. Ono, K. Sakata, H. Takeuchi, and S. Konaka</i><br>Submitted  |
| <b>C<sub>6</sub>H<sub>12</sub>O<sub>2</sub></b><br><b>C(CH<sub>3</sub>)<sub>3</sub>COOCH<sub>3</sub></b> | <b>Methyl trimethylacetate</b><br>Structure by ED, computational methods<br><i>N. Kuze, A. Ishikawa, K. Kunii, H. Takeuchi, and S. Konaka</i><br>25th Austin Symp. Mol. Struct. Dynamics, Dallas, 2014                           |
| <b>C<sub>10</sub>H<sub>16</sub>O</b><br><b>C<sub>10</sub>H<sub>16</sub>O</b>                             | <b>Camphor</b><br>Structure by ED, computational methods and rotational spectroscopy<br><i>N. Kuze, A. Tokuda, M. Ikeuchi, T. Yamagami, H. Takeuchi, and S. Konaka</i><br>Manuscript in preparation                              |