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CCl_2F_2	**Dichlorodifluoromethane** r_e^{se} by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* Mol. Phys., **112** (2014), 2873
$CHClF_2$	**Chlorodifluoromethane** r_e^{se} by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* Mol. Phys., **112** (2014), 2873
CH_2ClF	**Chlorofluoromethane** r_e^{se} by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* Mol. Phys., **112** (2014), 2873
CH_2Cl_2	**Dichloromethane** r_e^{se} by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* Mol. Phys., **112** (2014), 2873
CH_2F_2	**Difluoromethane** r_e^{se} by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* Mol. Phys., **112** (2014), 2873
C_2H_6OS $(CH_3)_2SO$	**Dimethyl sulfoxide** r_e^{se} and re (best ab initio) structure by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* J. Mol. Spectrosc., **297** (2014), 11
$C_4H_3FN_2O_2$	**5-Fluorouracil** Molecular structure by ED and coupled cluster calculations *D. N. Ksenafontov, N. Vogt, and A. N. Rykov* Manuscript in preparation
$C_4H_4O_3$	**Dihydro-2,5-furandione (succinic anhydride)** Molecular structure and conformations by ED and coupled cluster calculations *N. Vogt, E. P. Altova, D. N. Ksenafontov, and A. N. Rykov* Manuscript in preparation
C_4H_6	**Cyclobutene** r_e^{se} and r_e (best ab initio) structure by MW and coupled cluster calculations *N. Vogt, J. Demaison, and H. D. Rudolph* J. Mol. Spectrosc., **297** (2014), 11
$C_5H_7N_2O_2$	**Thymine** r_e^{se} structure by MW and coupled cluster calculations *N. Vogt, J. Demaison, D. N. Ksenafontov, and H. D. Rudolph*

	J. Mol. Struct. **1076** (2014), 483
$C_6H_5NO_2$ C_5H_4NCOOH	**Pyridine-3-carboxylic acid (nicotinic acid)** Molecular structure and conformations by ED and coupled cluster calculations *N. Vogt, I .I. Marochkin, and A. N. Rykov* Work in progress
$C_6H_5NO_2$ C_5H_4NCOOH	**Pyridine-2-carboxylic acid (picolinic acid)** Molecular structure and conformations by ED and coupled cluster calculations *N. Vogt, I .I. Marochkin, and A. N. Rykov* Work in progress
$C_6H_8N_2O_2$	**1-Methylthymine** r_a, r_e^{se}, r_e (best ab initio) structure by ED and coupled cluster calculations *N. Vogt, I. I. Marochkin, and A. N. Rykov* J. Phys. Chem. A., **119** (2015), 152
C_6H_8	**(3E)-1,3,5-Hexatriene** r_e^{se} structure by MW and coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015), 152
C_8H_{10}	**(3Z,5Z)-1,3,5,7-Octatetraene** structure by coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015), 152
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C_8H_{10}	**(3E,5Z)-1,3,5,7-Octatetraene** structure by coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015), 152
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