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CoF₃ CoF ₃	Cobalt trifluoride Molecular structure, infrared and Raman spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., submitted
FSc ScF	Scandium monofluoride ScF, ScF ₂ , ScF ₃ molecular structure and spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., 53 (2012), 24
F₂Sc ScF ₂	Scandium difluoride ScF, ScF ₂ , ScF ₃ molecular structure and spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., 53 (2012), 24
F₃Fe FeF ₃	Iron trifluoride Molecular structure, infrared and Raman spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., submitted
F₃La LaF ₃	Lanthanum trifluoride LaF ₃ structural non-rigidity and its effect on vibrational spectrum and thermodynamic functions: QC study <i>V. G. Solomonik, A. N. Smirnov, and O. A. Vasiliev</i> Izv. Vys.Uch. Zav. Khim. Tekhnol., 54 (2) (2011), 38
F₃Mn MnF ₃	Manganese trifluoride Molecular structure, infrared and Raman spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., submitted
F₃Sc ScF ₃	Scandium trifluoride ScF, ScF ₂ , ScF ₃ molecular structure and spectra - complete basis set coupled cluster study <i>V. G. Solomonik, and A. A. Mukhanov</i> Zh. Strukt. Khim., 53 (2012), 24