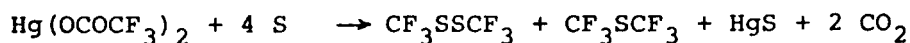
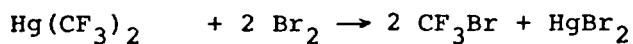
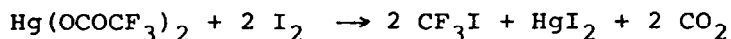


SOME NEW INVESTIGATIONS ON THE PREPARATIONS OF CF₃-COMPOUNDS
OF THE ELEMENTS OF GROUPS VI AND VII

Heinz-Rudi Feist and Dieter Naumann,
Anorganische Chemie, Universität, D-4600 Dortmund 50

Bis(trifluoromethyl)mercury Hg(CF₃)₂ and mercurybis(trifluoroacetate) Hg(OCOCF₃)₂ react with some non-metals directly to form the corresponding trifluoromethyl compounds in high yields:



Both mercury-compounds also react in a similar way with some binary non-metal compounds, e.g. ICl and SCl₂, respectively.

These reactions as well as the reactions of Hg(SCF₃)₂ with ICl and ICl₃, the n.m.r. spectra and some properties will be reported.