

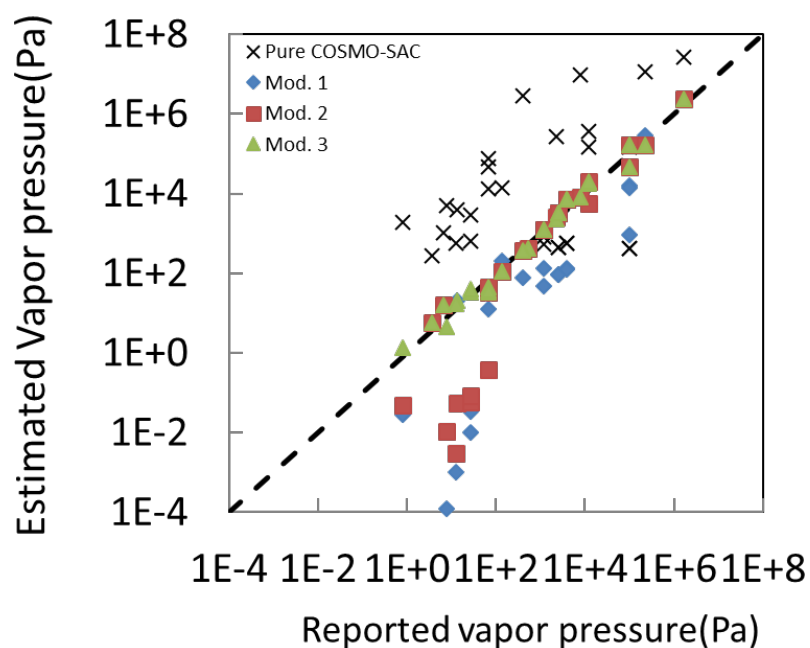


Fig.1 Vapor Pressure estimation of metal containing precursors for ALD/CVD. Several modifications made the accurate estimation.

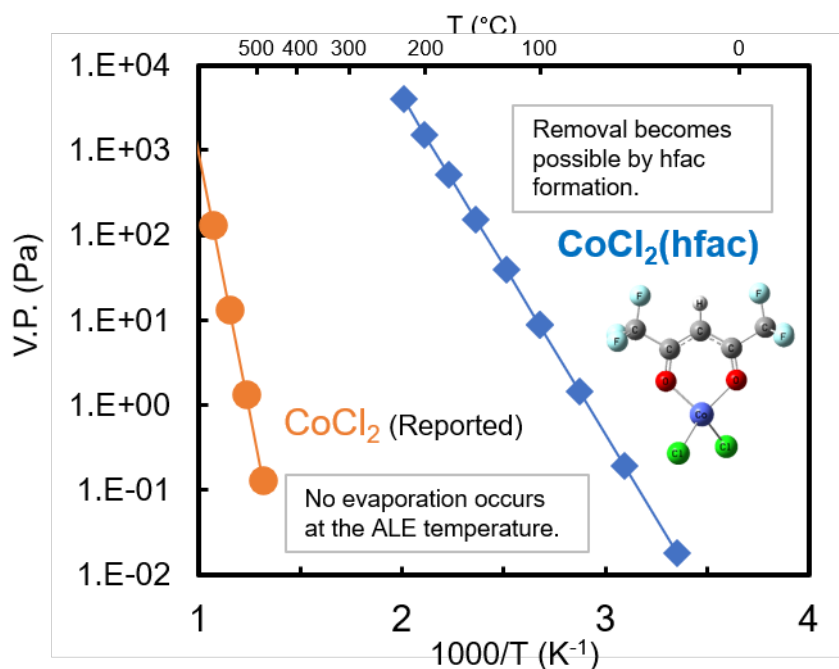


Fig.2 Estimation of volatile chemical compounds for Co-ALE. The chlorinated Co surface species evaporates by reacting with Hfac to form a volatile compound.