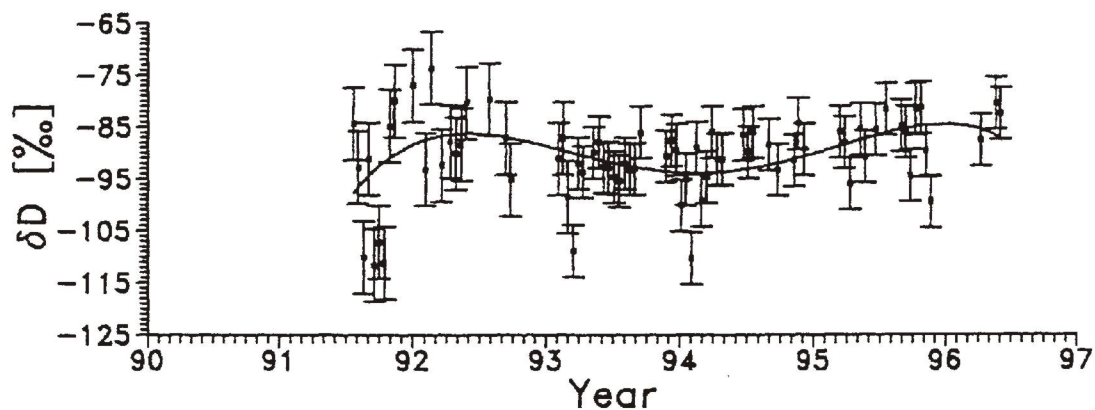
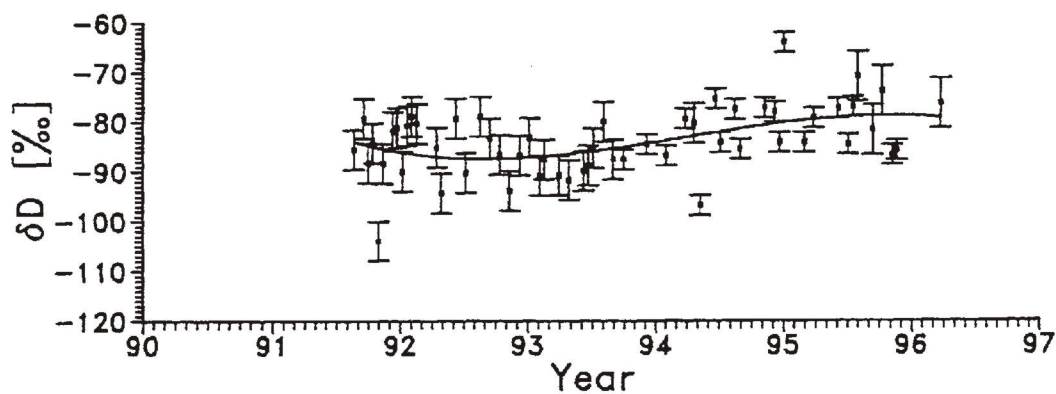


a)



b)



**Figure 2.2** - These graphs show the seasonality of  $\delta D$  monitored in  $CH_4$  background air samples. Graph a) Alert, High Arctic (Levin *et al.*, 1997), b) Izaña (Levin *et al.*, 1997). Note: The  $\delta D$  appears to be rising and could approach -65‰ by summer 1999.