

The volatile airborne pollutants released from a chlor-alkali plant were identified

The polychloro-1,3-butadienes from chlor-alkali plant emissions were identified

Dichloroacetylene was the main by-product from the chlor-alkali plant air emissions

Trichloroethylene was the dominant volatile compound emitted to the atmosphere

Trichloroethylene was the VOC involving higher health risk for the nearby population