What is claimed is:

1. A method for separating mono carboxylic acids and/or aldehydes selected from the group consisting of acrylic acid, acetic acid, propionic acid, butyric acids, methacrylic acid, acrolein, acetaldehyde, methacrolein, propionaldehyde, butyraldehyde, crotonaldehyde, 3- butenal, and mixtures thereof from aqueous solutions by extraction wherein the method comprises:

a liquid-liquid extraction of said mono carboxylic acid and/or aldehyde using propylene and/or propane extractant in the liquid phase, and

recovering said carboxylic acids and/or aldehydes as a concentrate by evaporating the propylene and/or propane extractant at temperatures below about 50° C and at pressures wherein said carboxylic acid and/or aldehydes remain in the liquid state,

wherein the heat for said recovering said carboxylic acids and/or aldehydes as a concentrate by evaporating is provided by indirect contact with warm coolant media to produce chilled coolant.