

Fig. 4 a Comparison of the major ions of the three water bodies (mean of eight Alchichica water column samples), Alchichica seepage water, and the neighbor crater lake Atexcac (see Fig. 1a). **b**, **c** Vertical profiles of oxygen, silicon, and ammonium concentrations (**b**), and of nitrite, nitrate and phosphate (**c**)

