



**Figure 5.23.** Complete phase diagrams predicted by the van der Waals model. The isotherms shown at left are for  $T/T_c$  ranging from 0.75 to 1.1 in increments of 0.05. In the shaded region the stable state is a combination of gas and liquid. The full vapor pressure curve is shown at right. All axes are labeled in units of the critical values. Copyright ©2000, Addison-Wesley.