QUI016 _ Mödu Oo 4 - Cases (Aula: 29/04) 1. gás: H2 V=65L p=829 mm Hg T=25°C m=? P = 829 mm + lg (1 atim) = 1,09079 atim (760 mm + lg) Umidades: $T = 25^{\circ}C = 25 + (273,15) = 298,15 + (273,$ PV = mRT -, m = pV = (1,09079)(65) RT (9082057)(248,15) m = 2,8980 algm K (mol) K Ladgm K2. $9as: Co_2 V = 22,414L p = 1 \text{ algm}$ P = ? T = 273,15 K M = 44,0098 g/mol $P = m = (m \times M) = M \times M \cdot P = MP$ $V \qquad V \qquad MRT \qquad RT$ P = MP RTP = (44, 0098)(1) = 1,9635 g atom molts (9082057)(273,15) molt Datimik p= 1,9635 g/L 3. V = 23,5 L T = 17,0°C = 290,15 K p = 743 mmtlg (1 atm) = 0,9776 atm (160 mmtlg) Equação talan cada: 2 li(s) + 2420(e) - 42(g) +2 hoH(a)

