$$\cfrac{\cfrac{\cfrac{\cfrac{\cfrac{\overline{} \; \text{[from above]}}{p}}{q} \; \text{[from case]}}{p \wedge q} \; [\wedge \text{ intro}]}{(p \wedge q) \vee (p \wedge r)} \; [\vee \text{-intro-1}] \qquad \cfrac{\cfrac{\cfrac{\cfrac{\overline{} \; \text{[from above]}}{p}}{r} \; \text{[from case]}}{p \wedge r} \; [\wedge \text{ intro}]}{(p \wedge q) \vee (p \wedge r)} \; [\vee \text{-intro-2}]}{\cfrac{(p \wedge q) \vee (p \wedge r)}{p \wedge (q \vee r) \Rightarrow (p \wedge q) \vee (p \wedge r)} \; [\Rightarrow \text{-intro}^{[1]}]} \; [\vee \text{ elim}]$$