Abbreviations
~X_1 = (~M_1,~M_2,~M_3) = choice[(attvid_9,attsk_9,cert(attvid_9,pk(attsk_9),cask_8)),(attvid_8,attsk_8,cert(attvid_8,pk(attsk_8),cask_9))]
~M_5 = choice[aenc((groupkey_request,sign(groupkey_request,vsk_11),cert(vid_35,pk(vsk_11),cask_8)),pk(cask_8)),aenc((groupkey_request,sign(groupkey_request,vsk_10),cert(vid_34,pk(vsk_10),cask_9)),pk(cask_9))]
~M_7 = choice[aenc((groupkey_request,sign(groupkey_request,vsk_13),cert(vid_37,pk(vsk_13),cask_8)),pk(cask_8)),aenc((groupkey_request,sign(groupkey_request,vsk_12),cert(vid_36,pk(vsk_12),cask_9)),pk(cask_9))]

A trace has been found.