

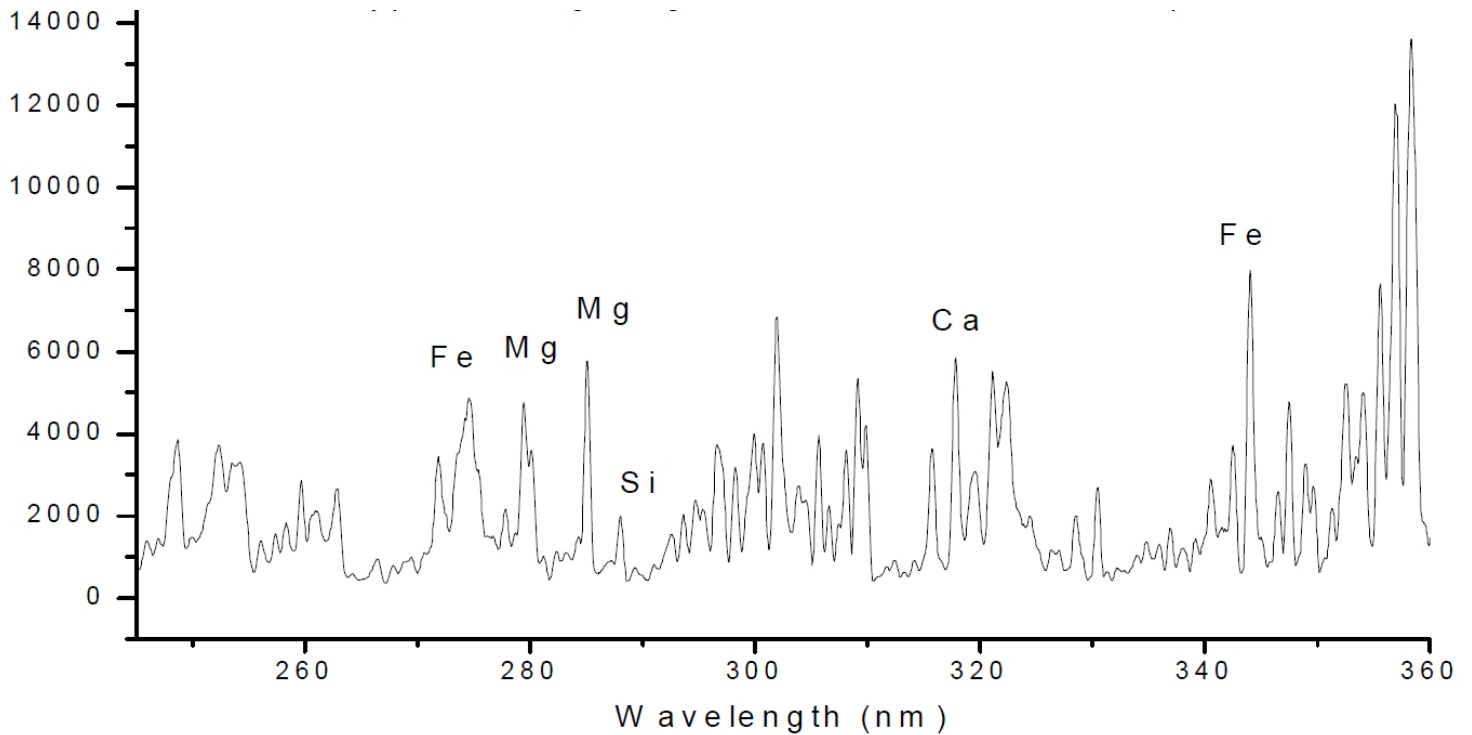
Report

Crushed iron ore

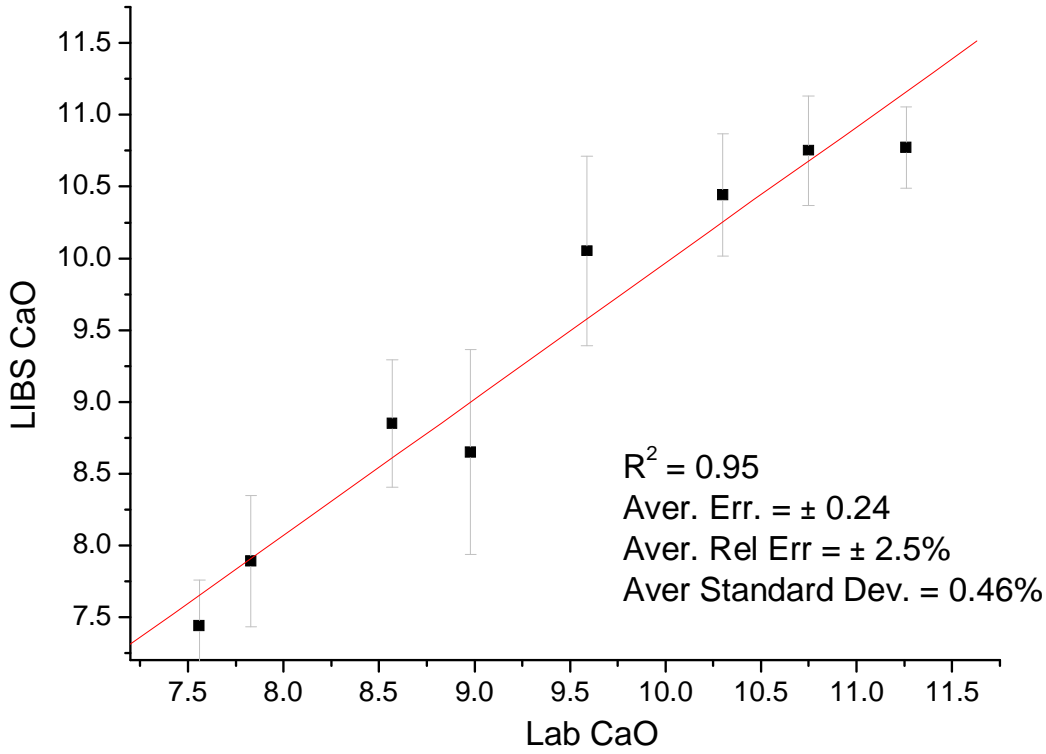
Customer task

CaO, SiO₂, Ca/SiO₂, Fe₂O₃, Fe

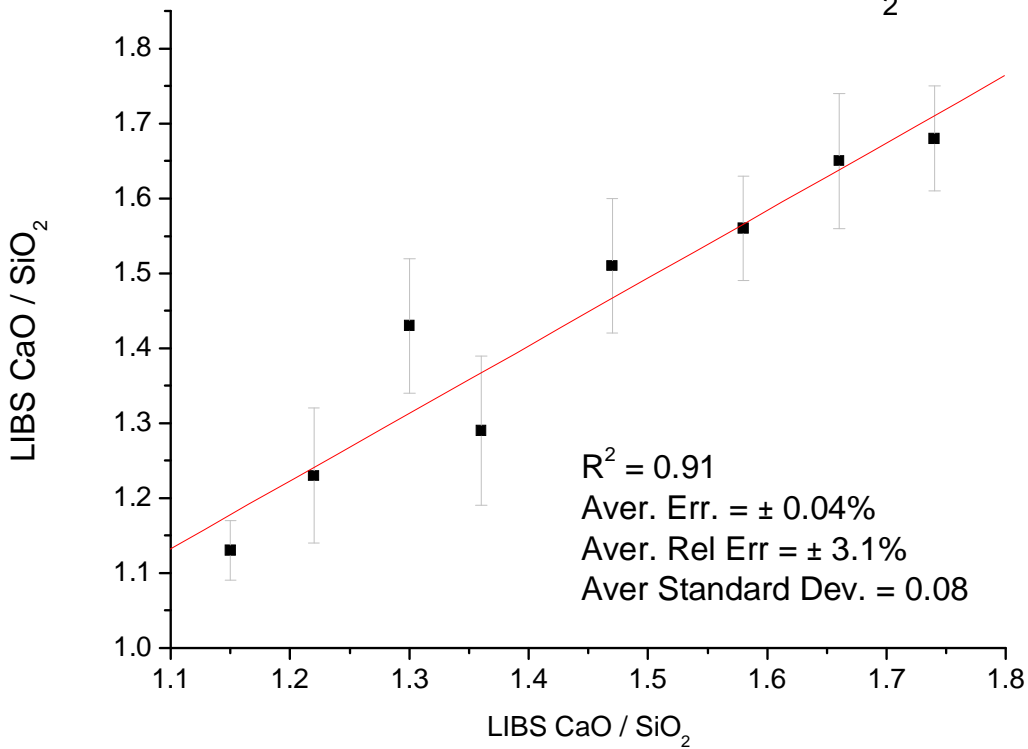
Typical spectrum of crushed iron ore

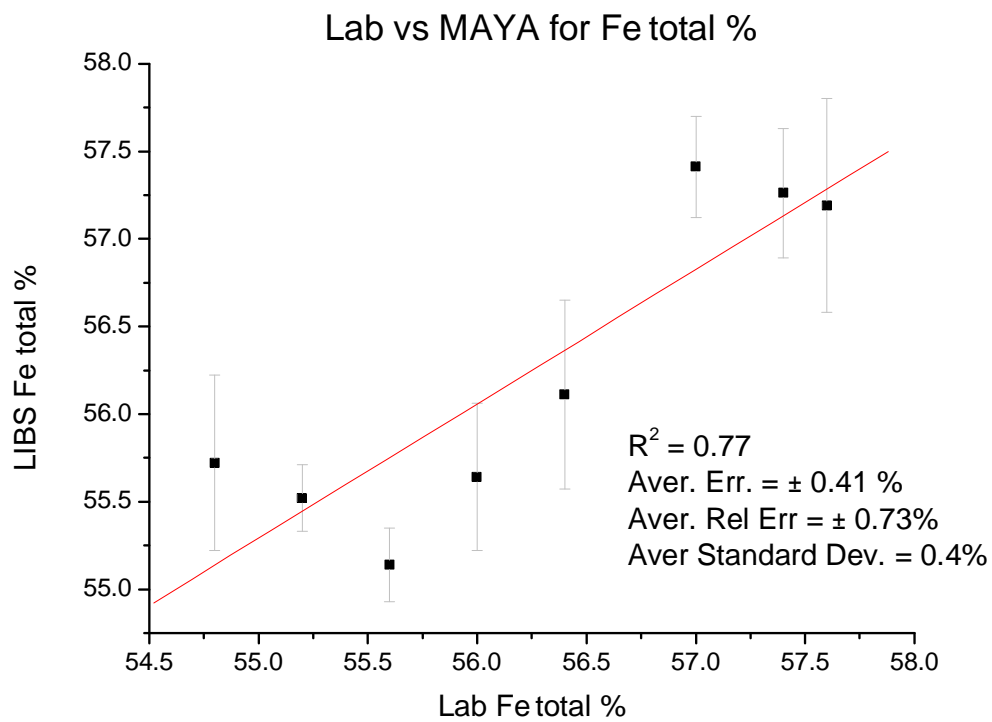
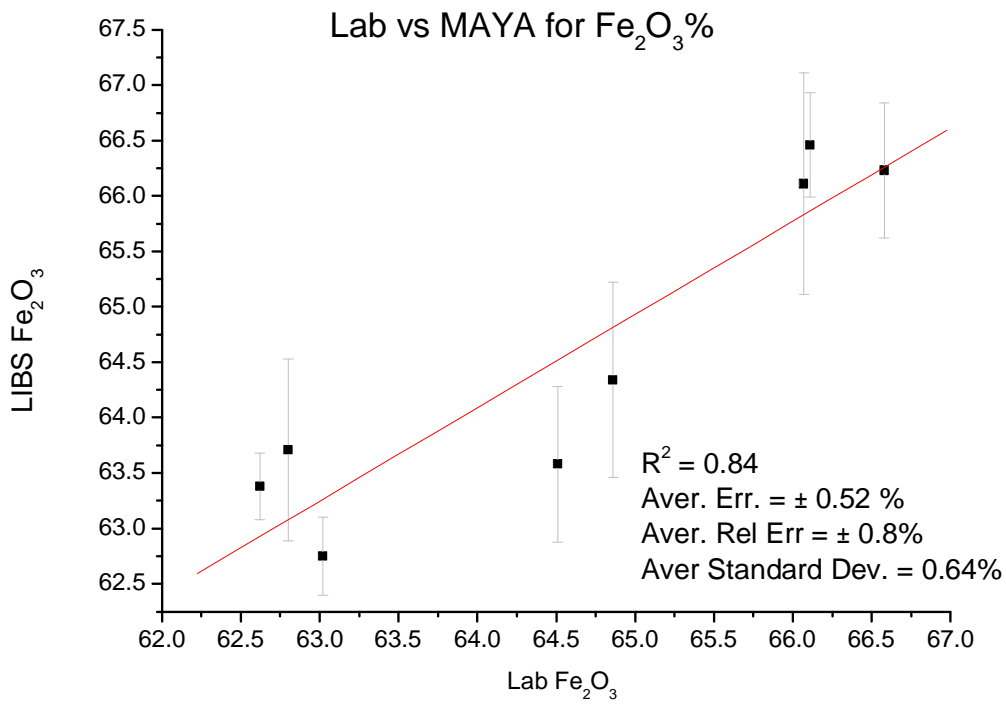


Lab vs MAYA for CaO%



Lab vs MAYA for CaO/SiO₂%





Conclusions

High precision and good correlation are received for all analyzed elements CaO/SiO₂, CaO, Fe, Fe₂O₃.

All the required materials are possible to analyze by continuous on-line LIBS system.