

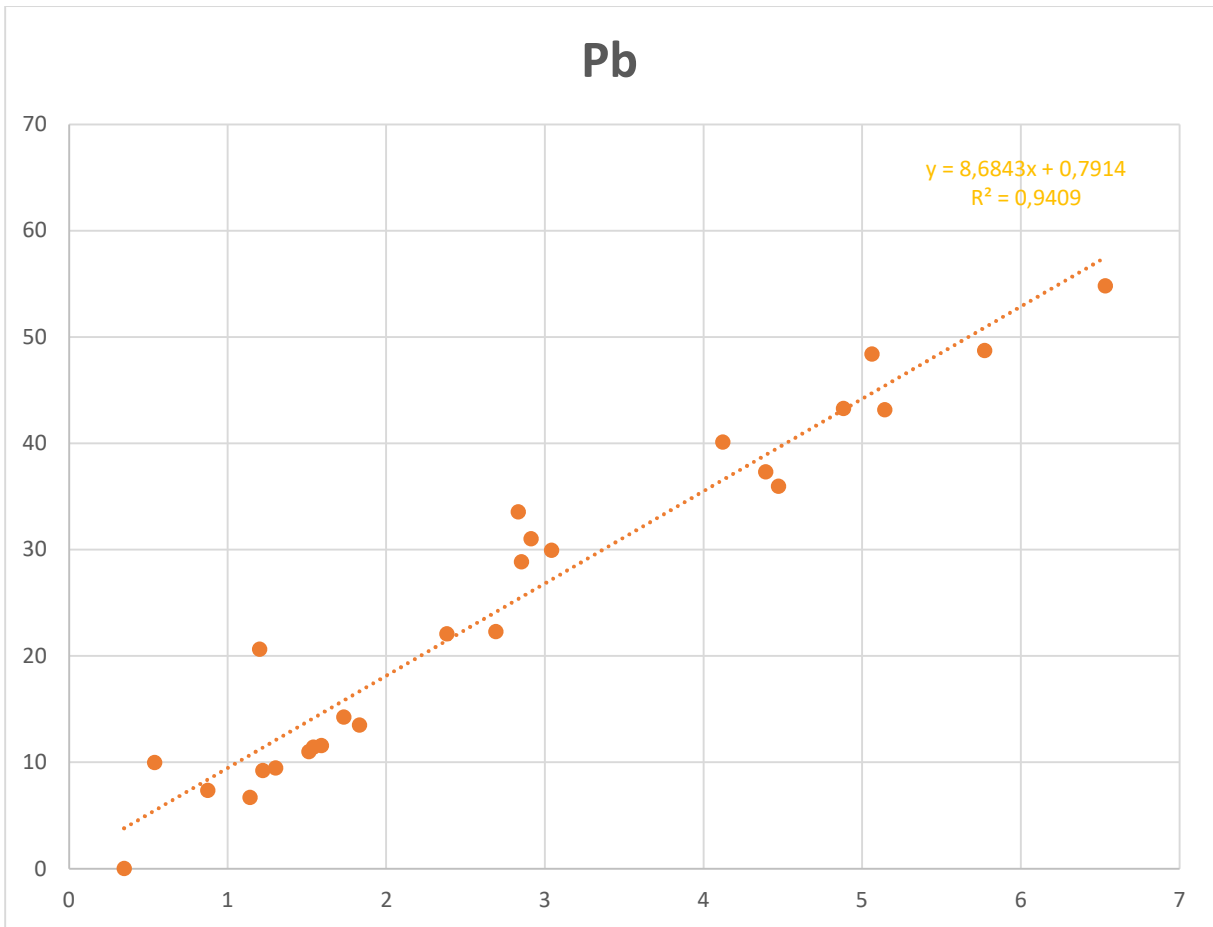
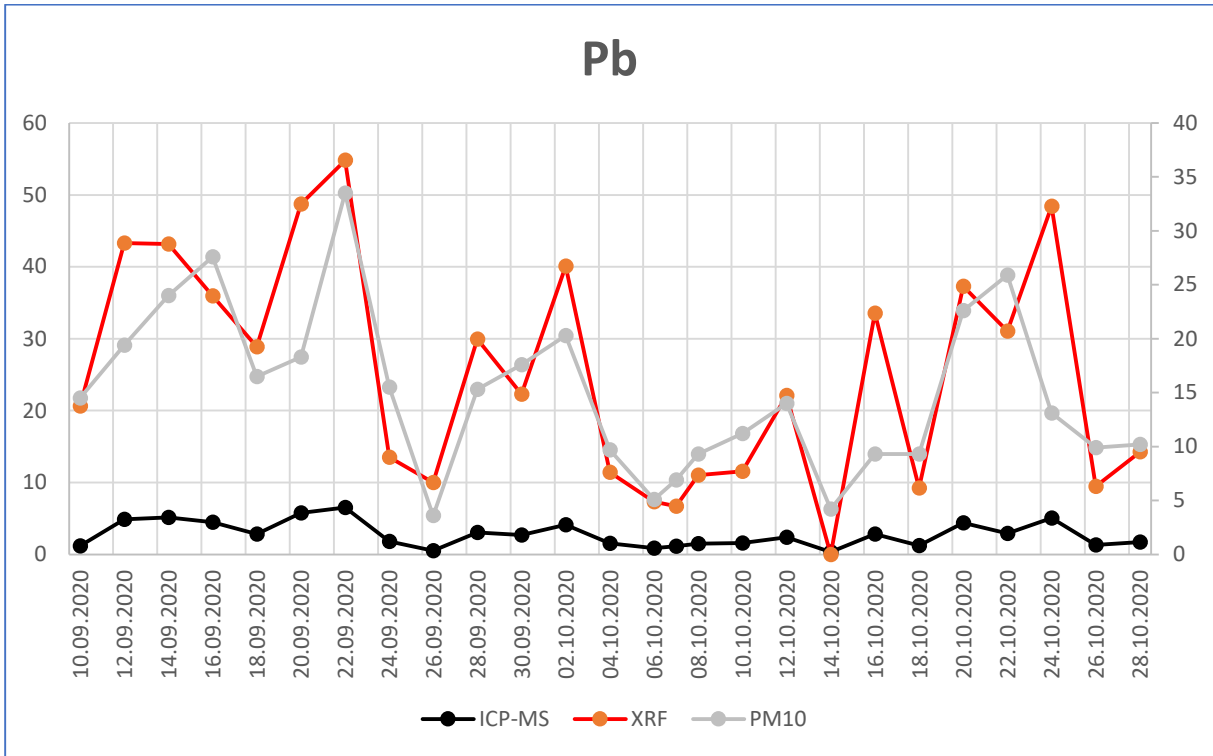
Comparison measurement of heavy metals concentrations

The Czech Hydrometeorological Institute made from 10/09/2020 to 28/10/2021 the comparison measurement to check the equivalency of online analyzer **COOPER ENVIRONMENTAL - Xact® 625i Multi-Metals Monitoring System** to the reference method according to the EN 14902:2005. The sequential particulate sampler Sven Leckel 47/50 and ICP MS as laboratory methods were used as the reference measurement.

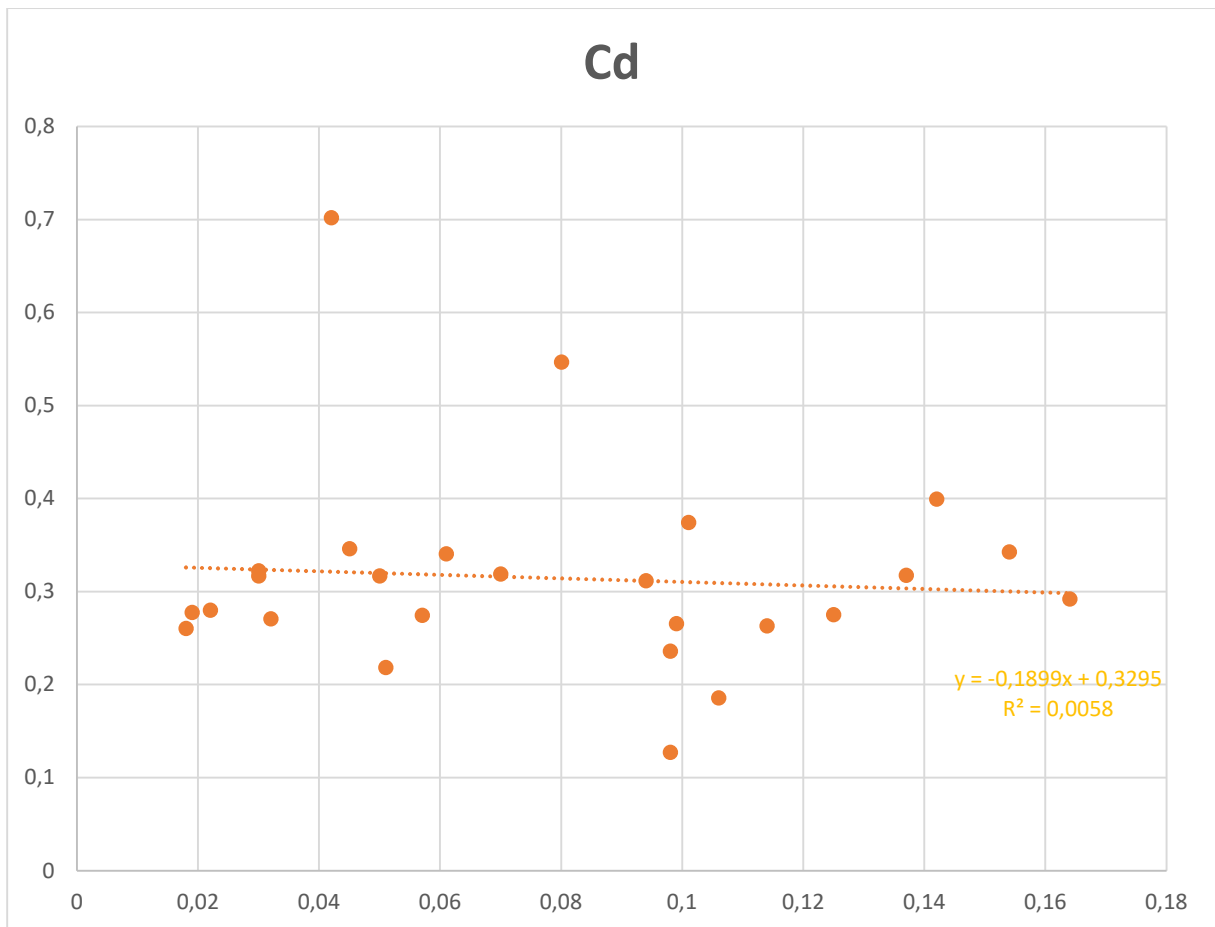
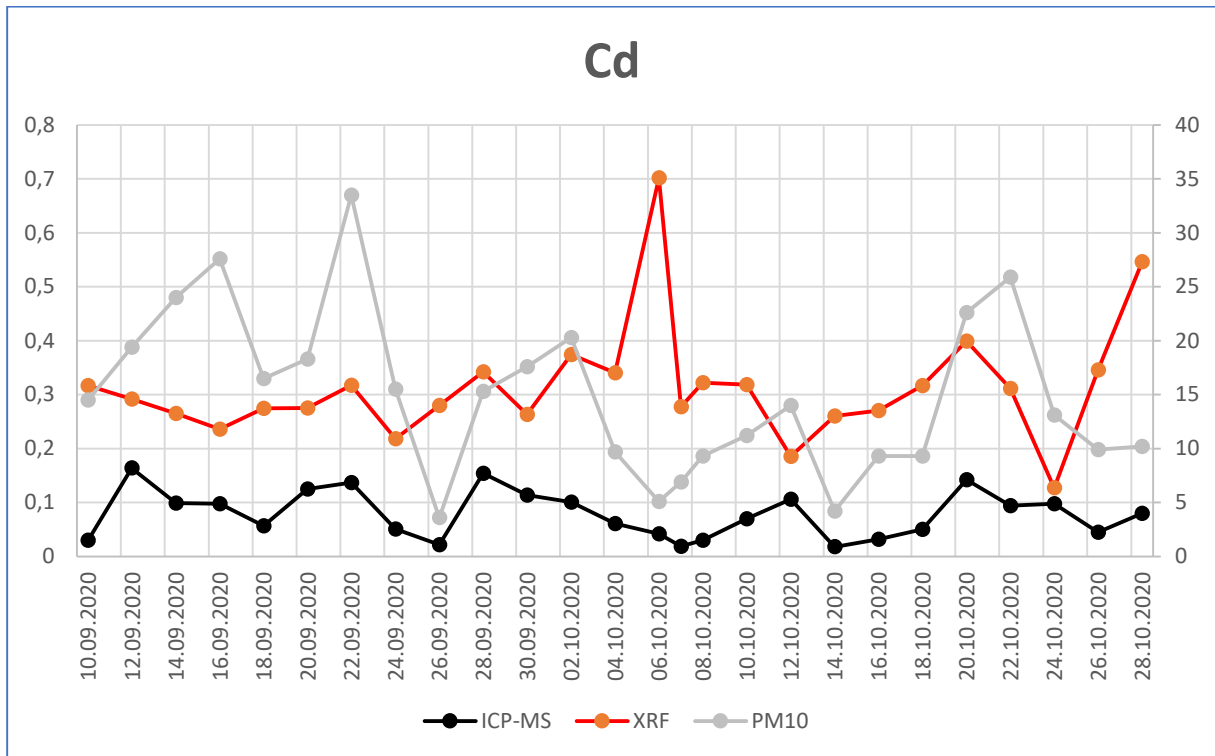
Bellow are mentioned the preliminary results which will summarize in the official report.

The measured concentrations were close to the lower detectable limit therefore the monitoring will be repeated in near future in the very polluted area.

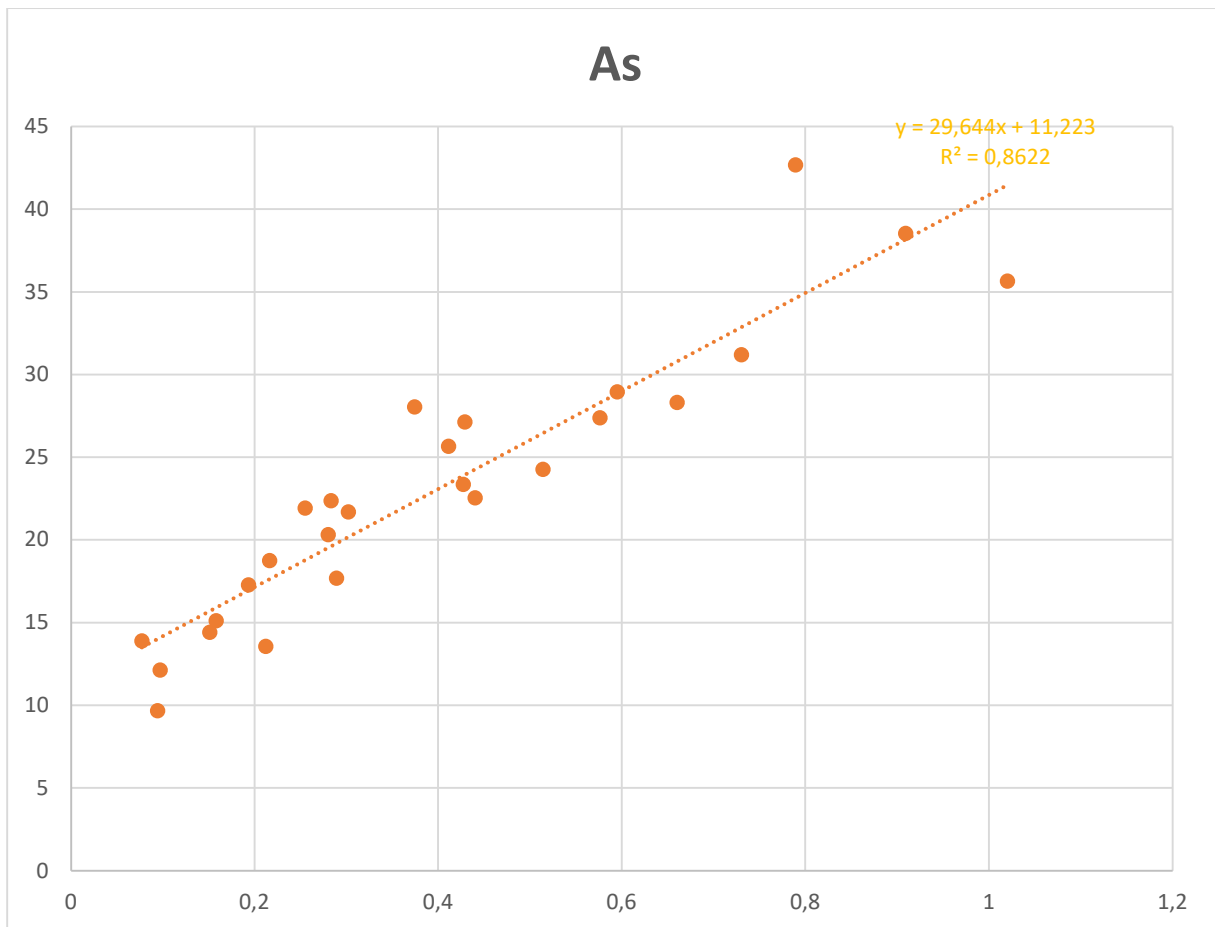
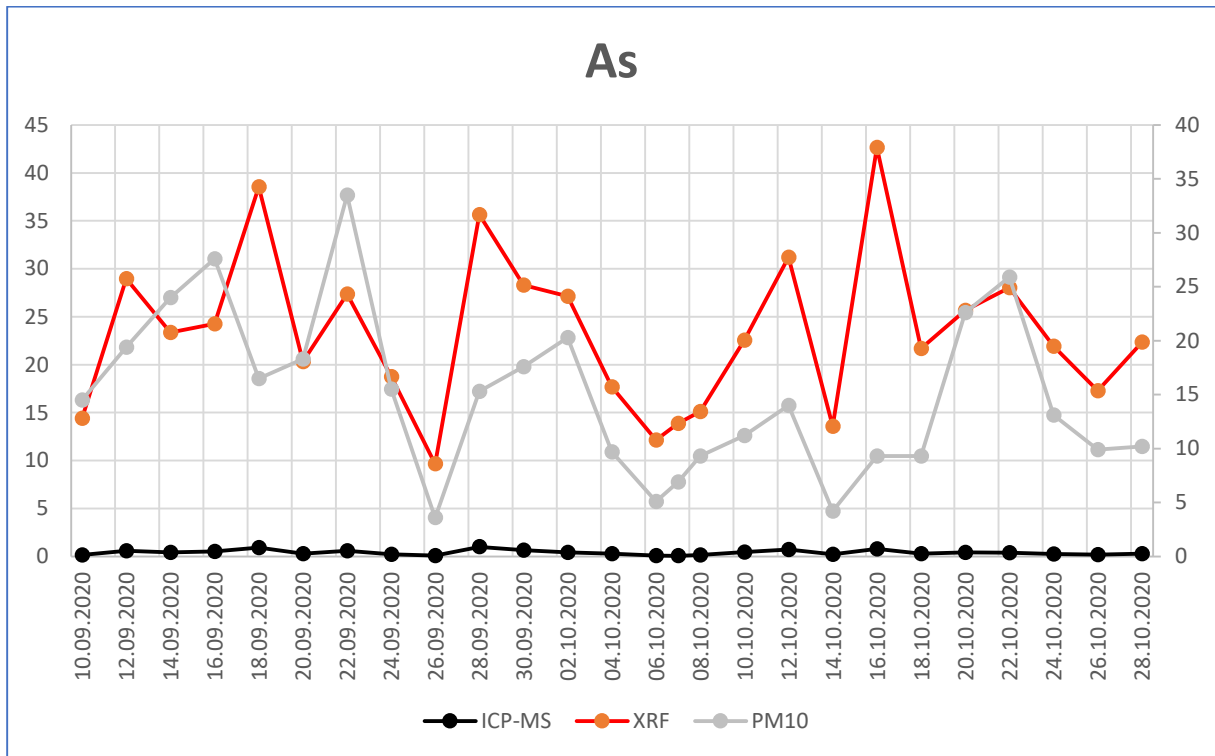
1. Pb – Lead



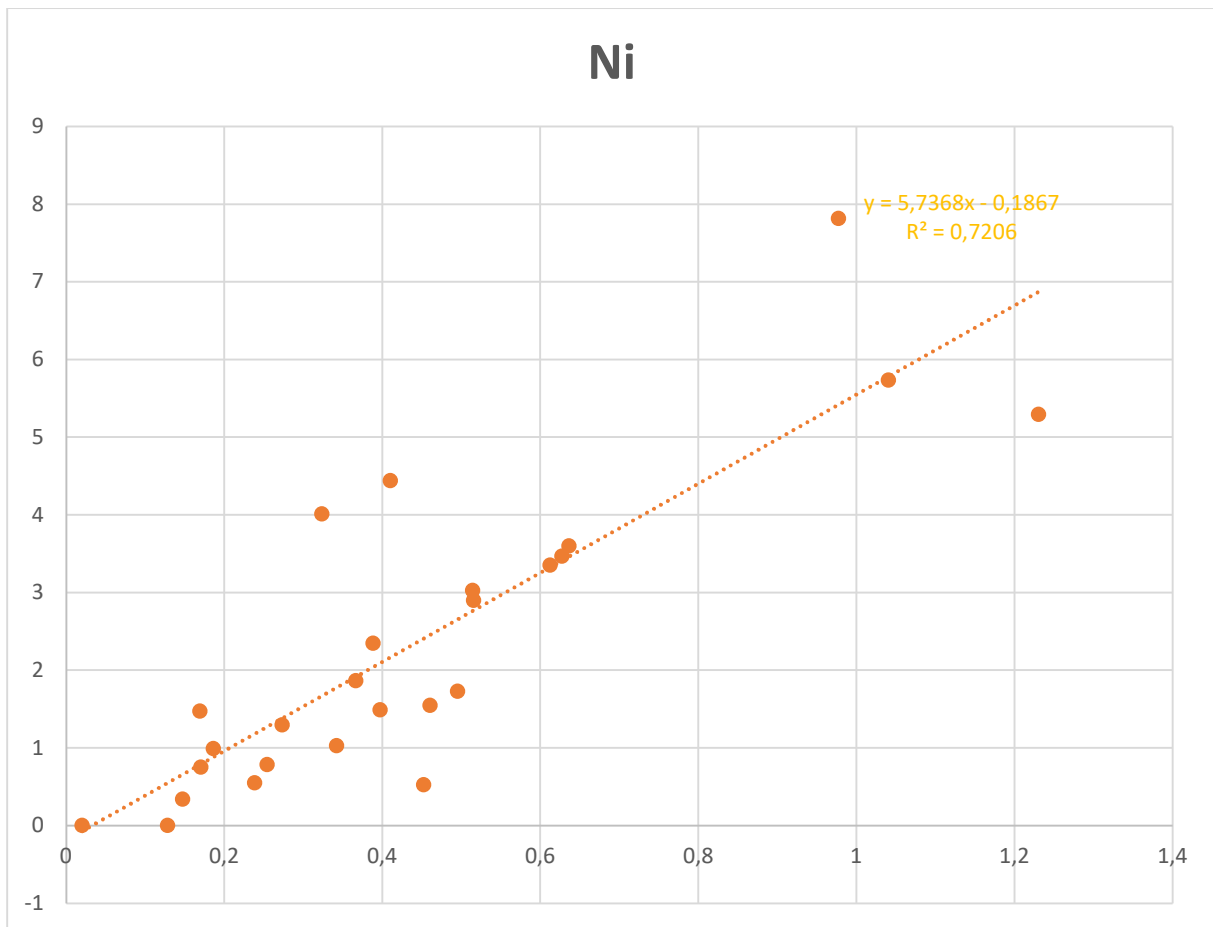
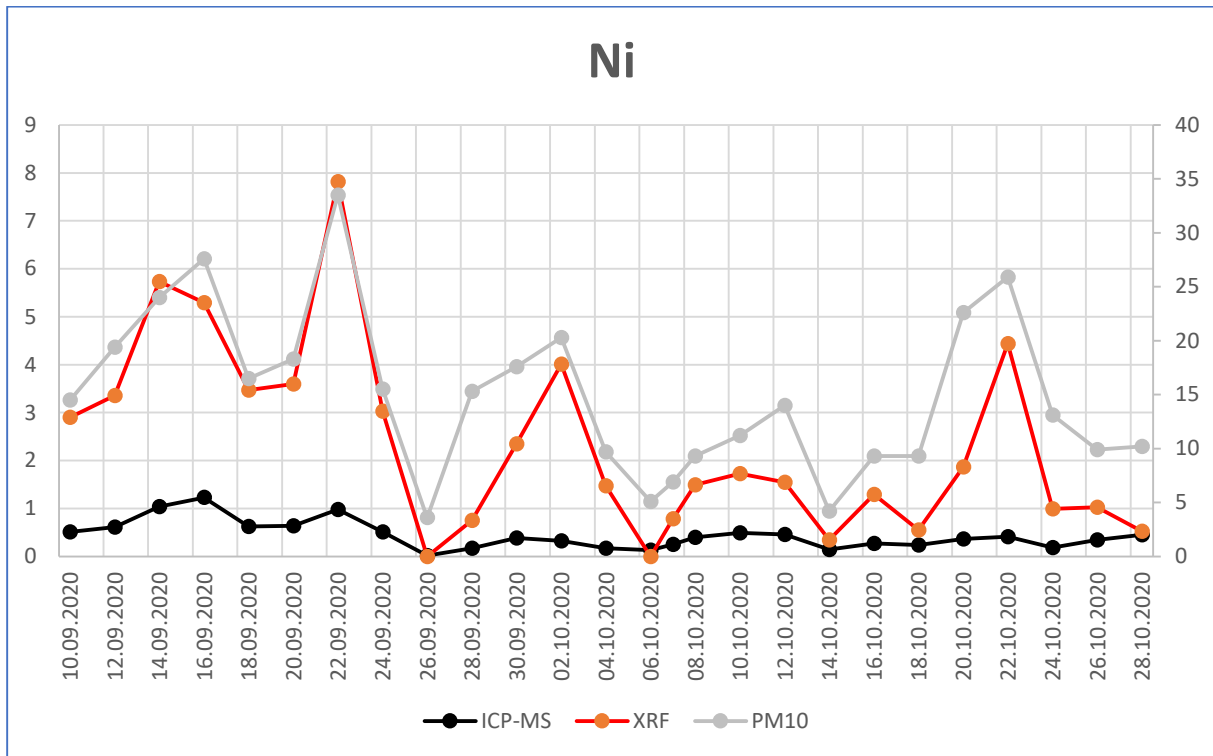
2. Cd – Cadmium



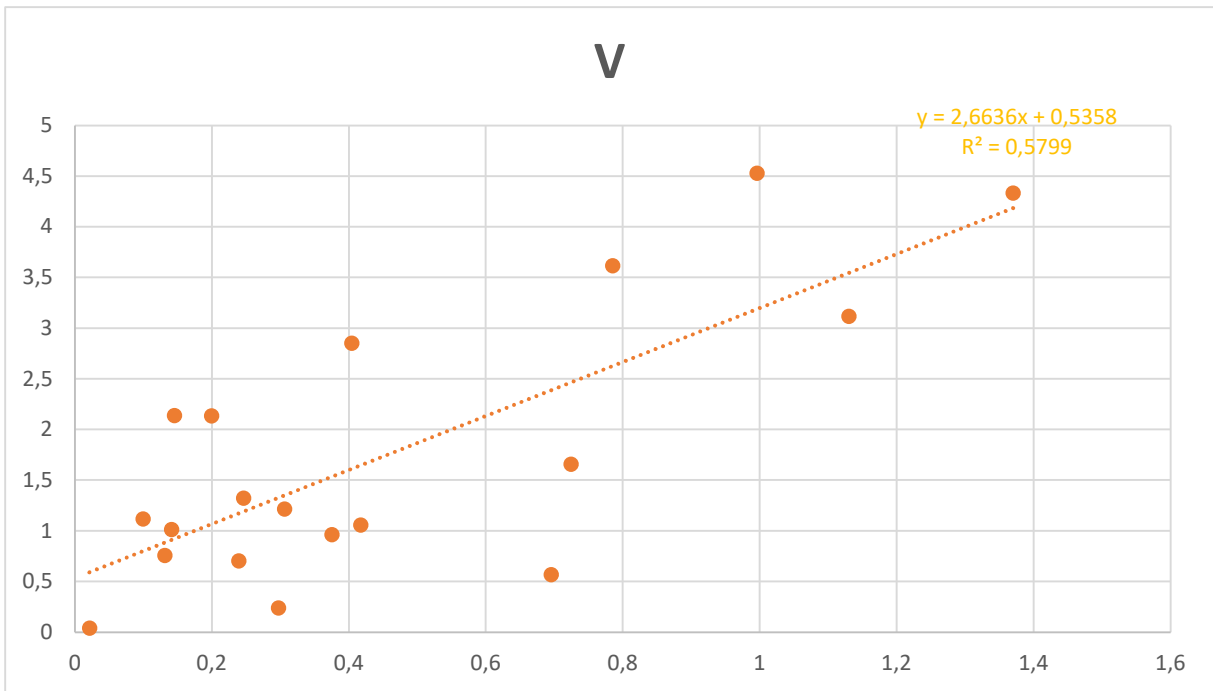
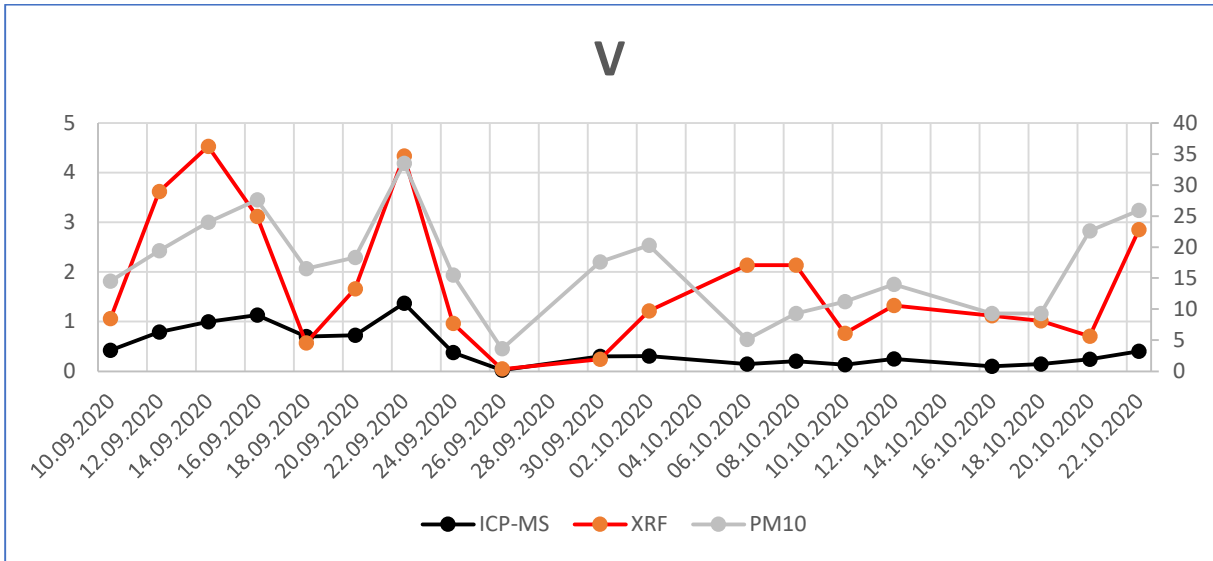
3. As – Arsenic



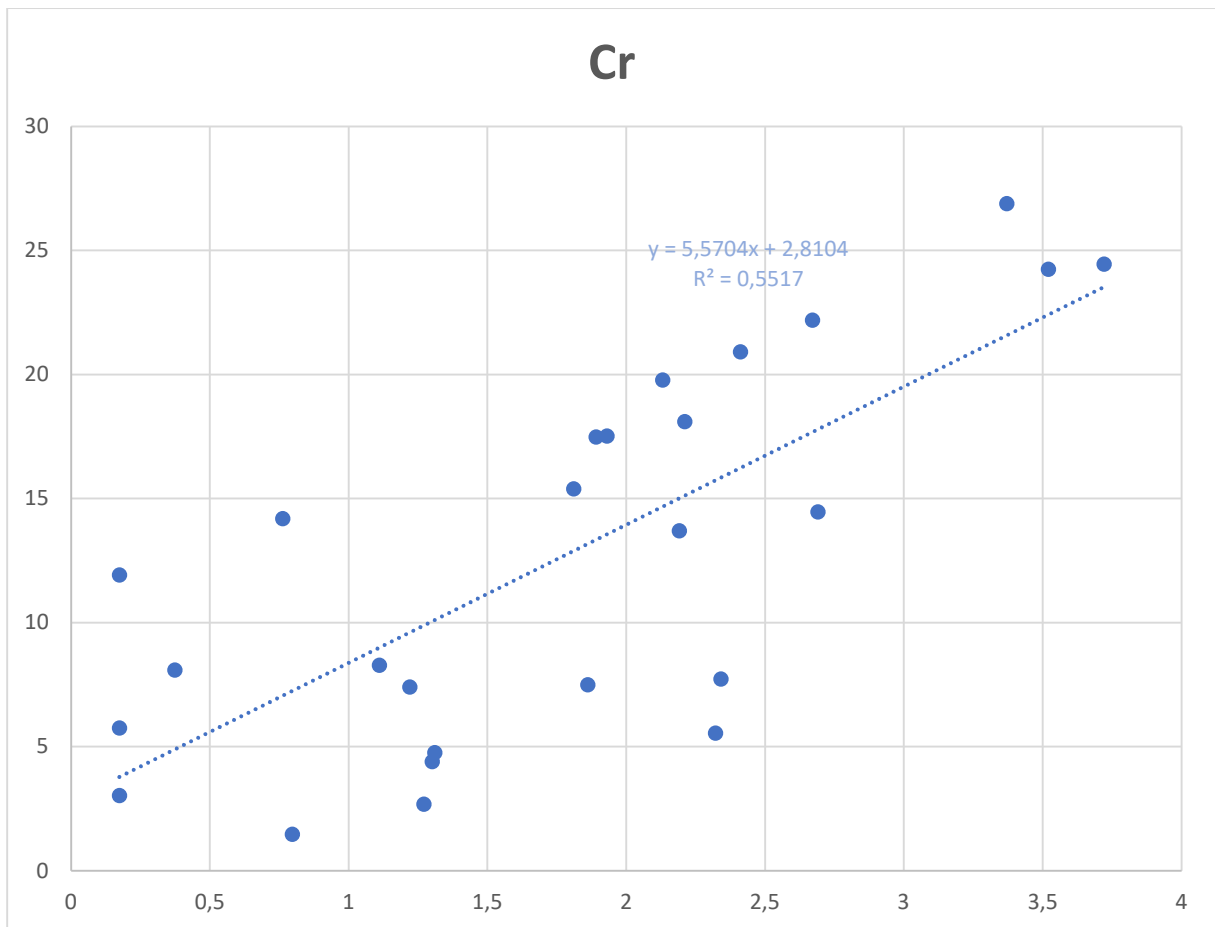
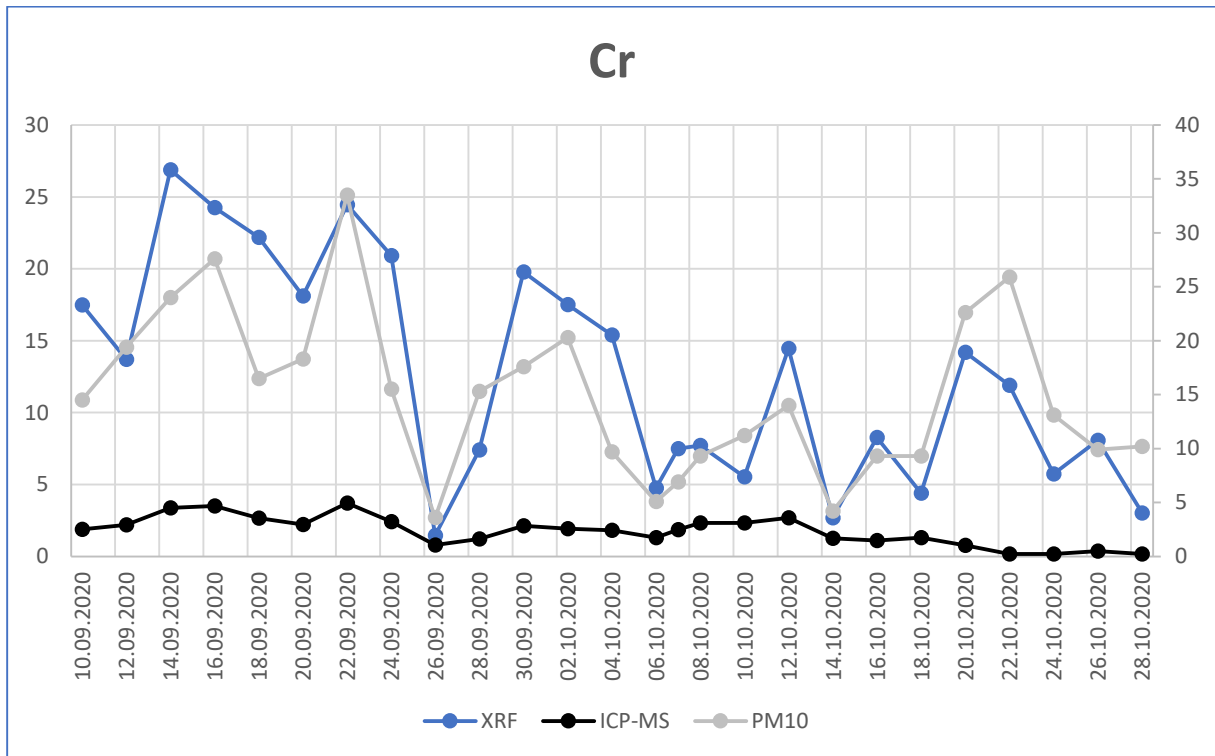
4. Ni – Nickel



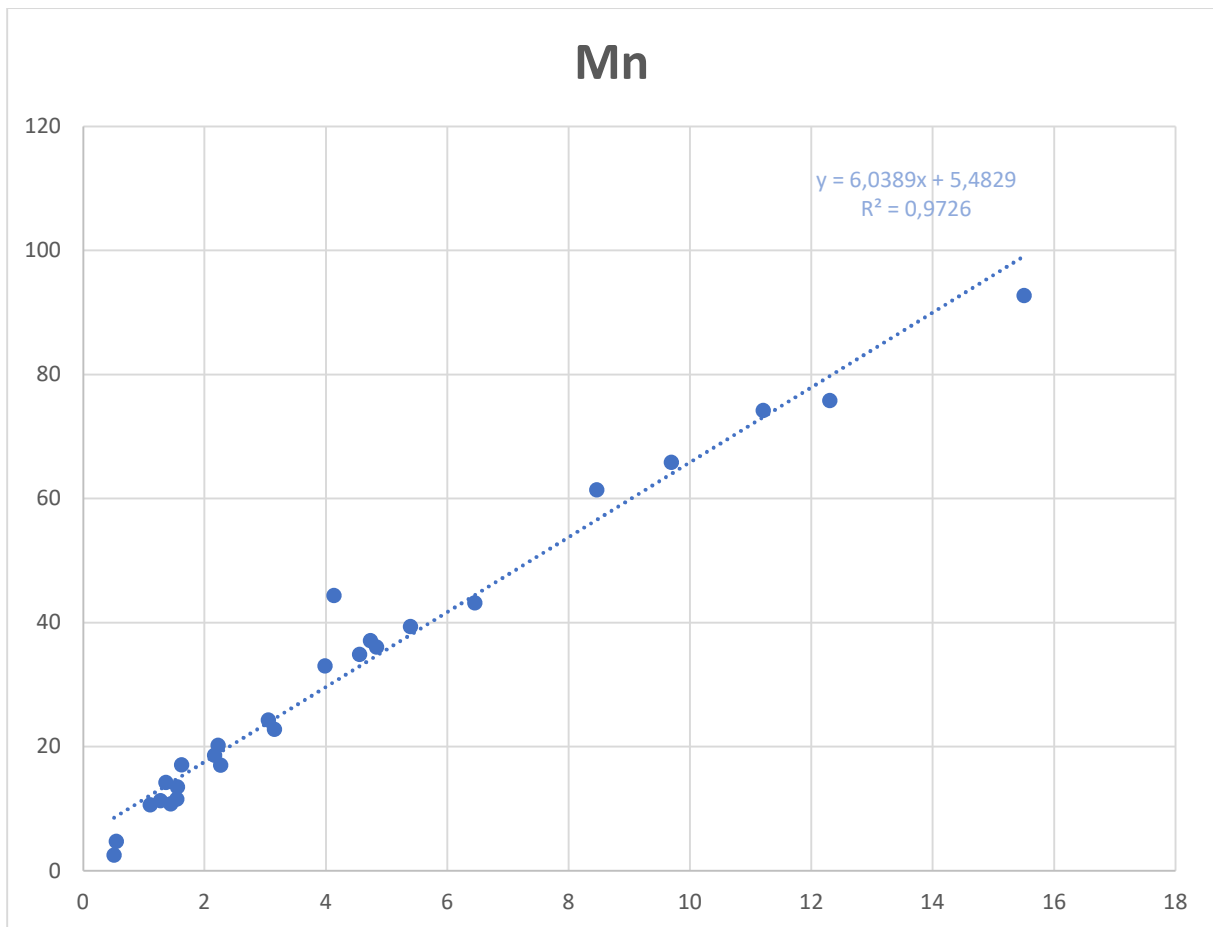
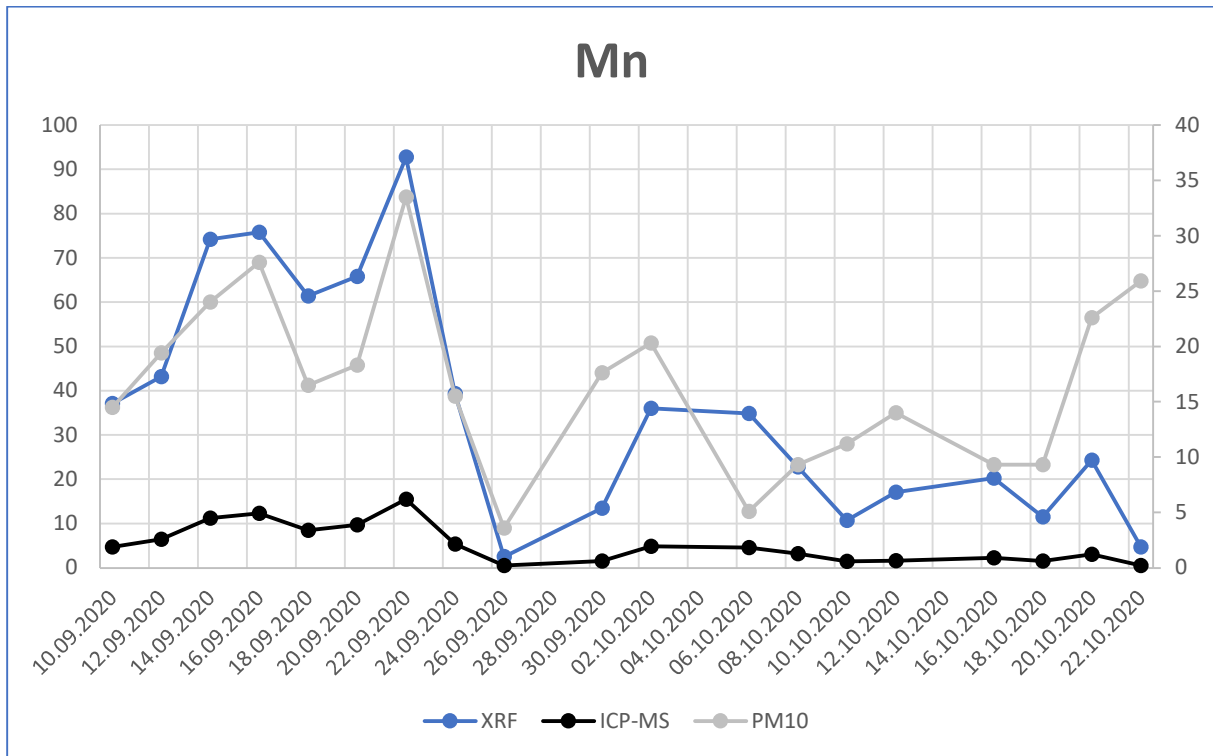
5. V – Vanadium



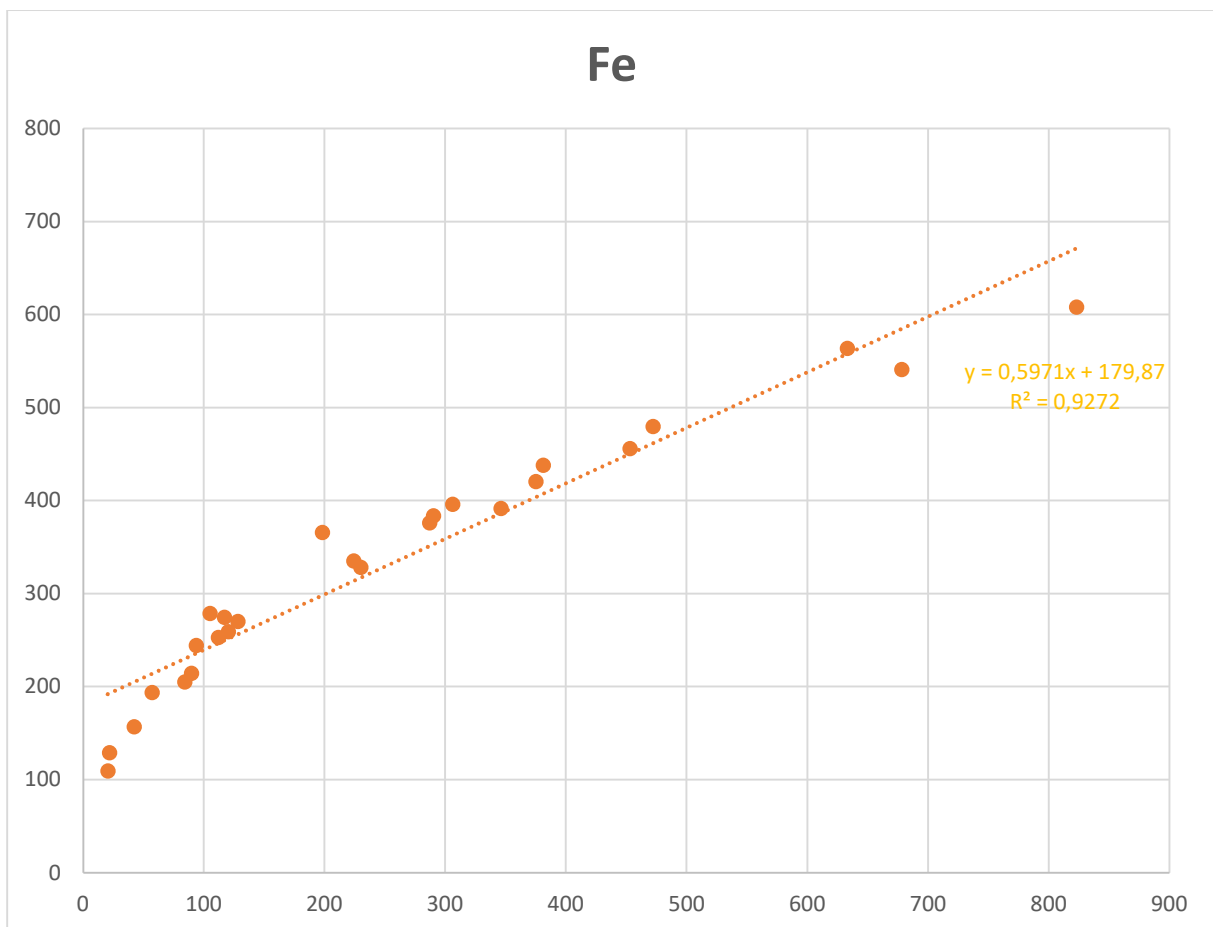
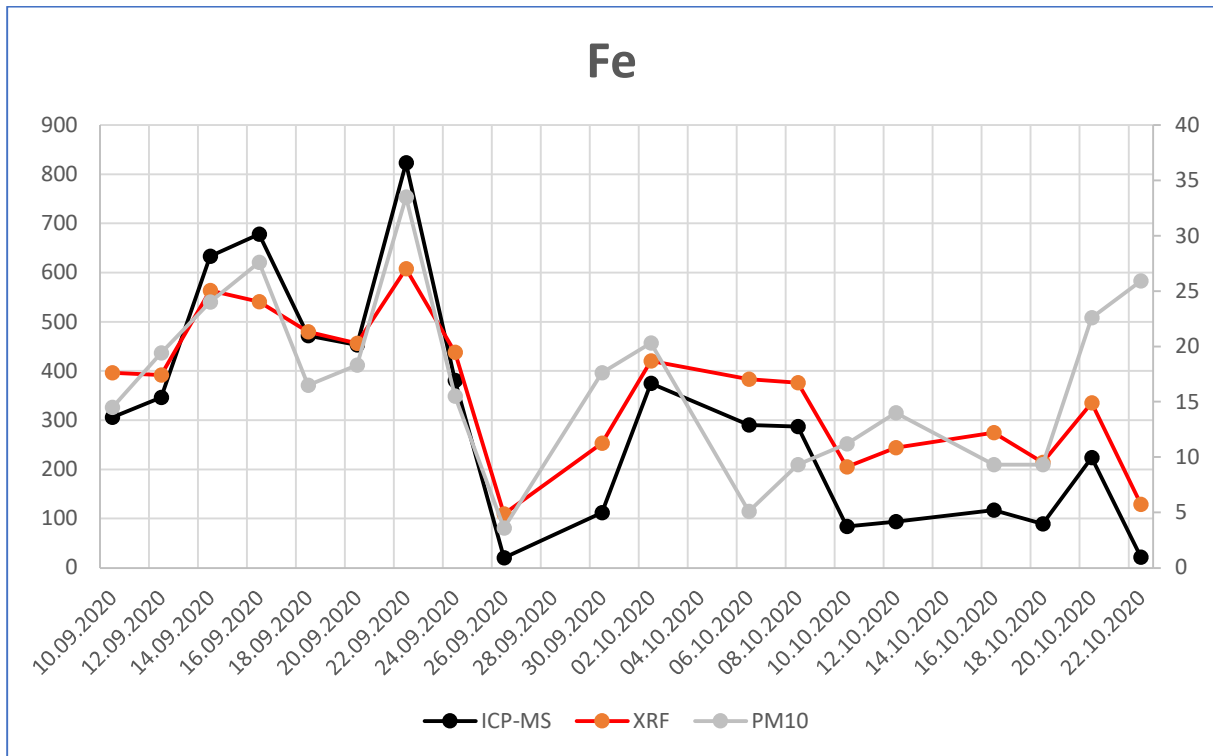
6. Cr – Chrome



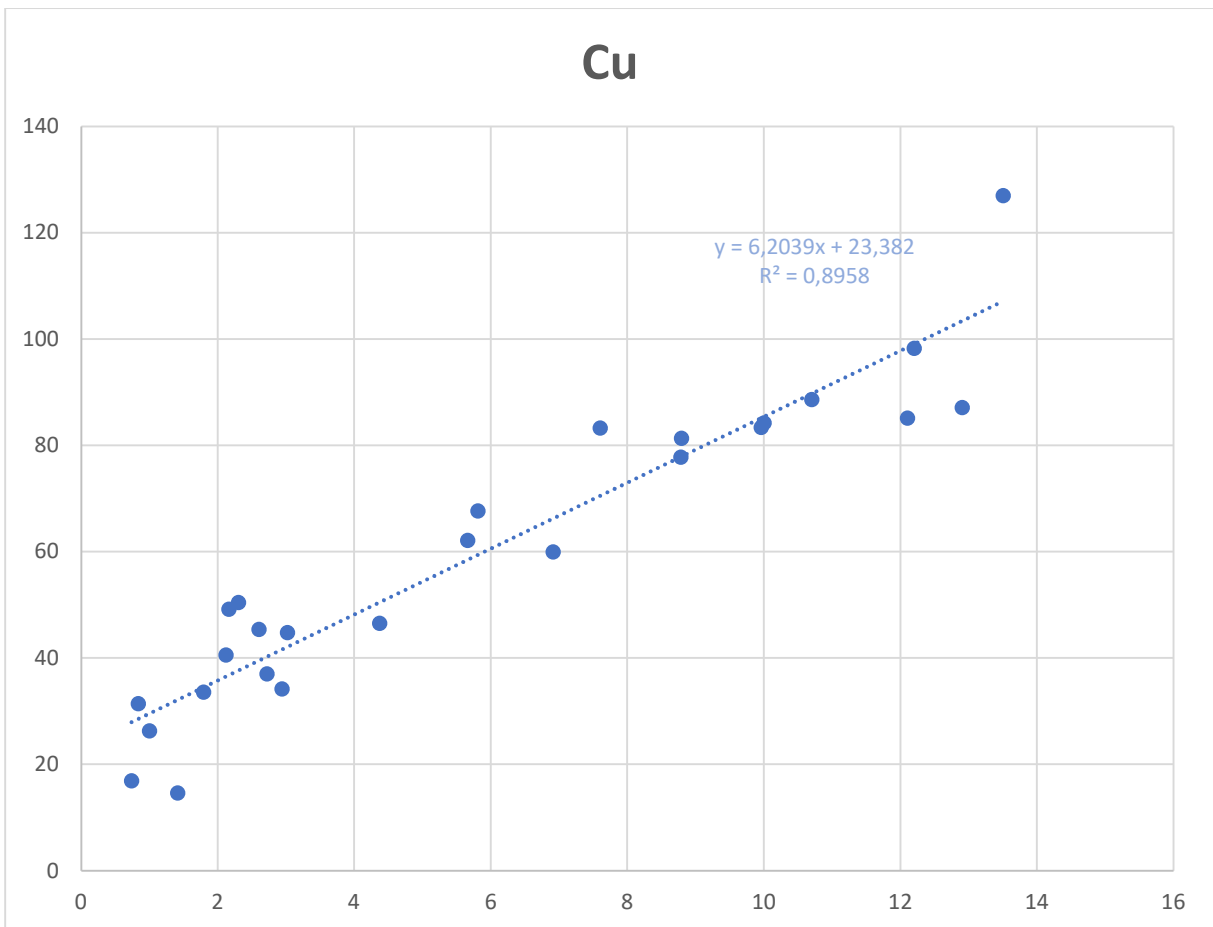
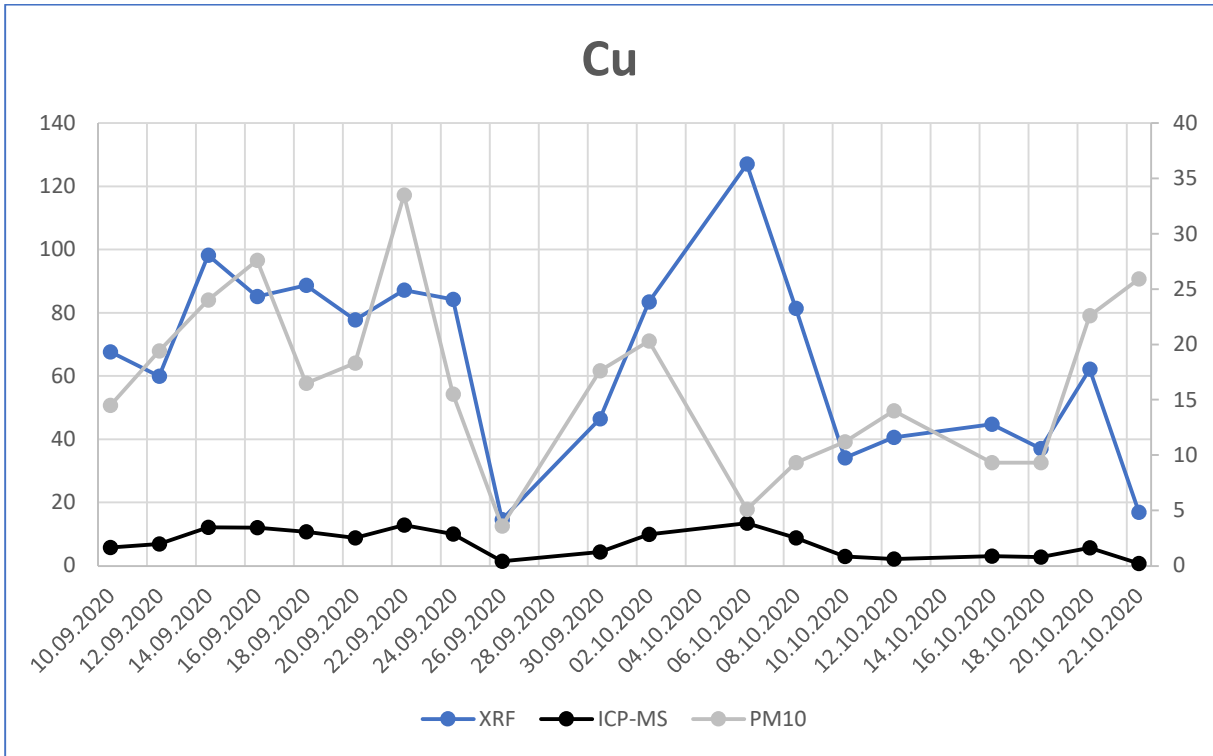
7. Mn – Manganese



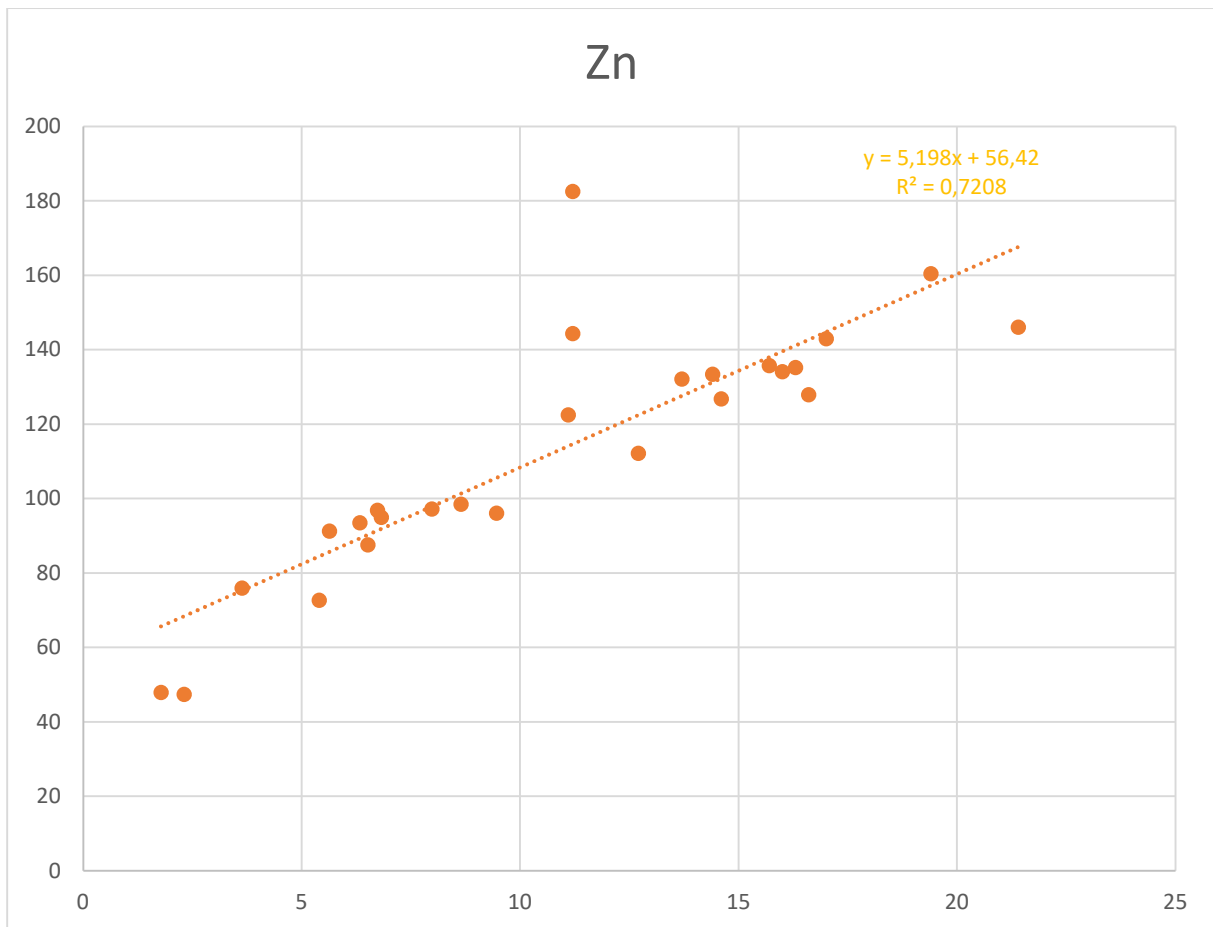
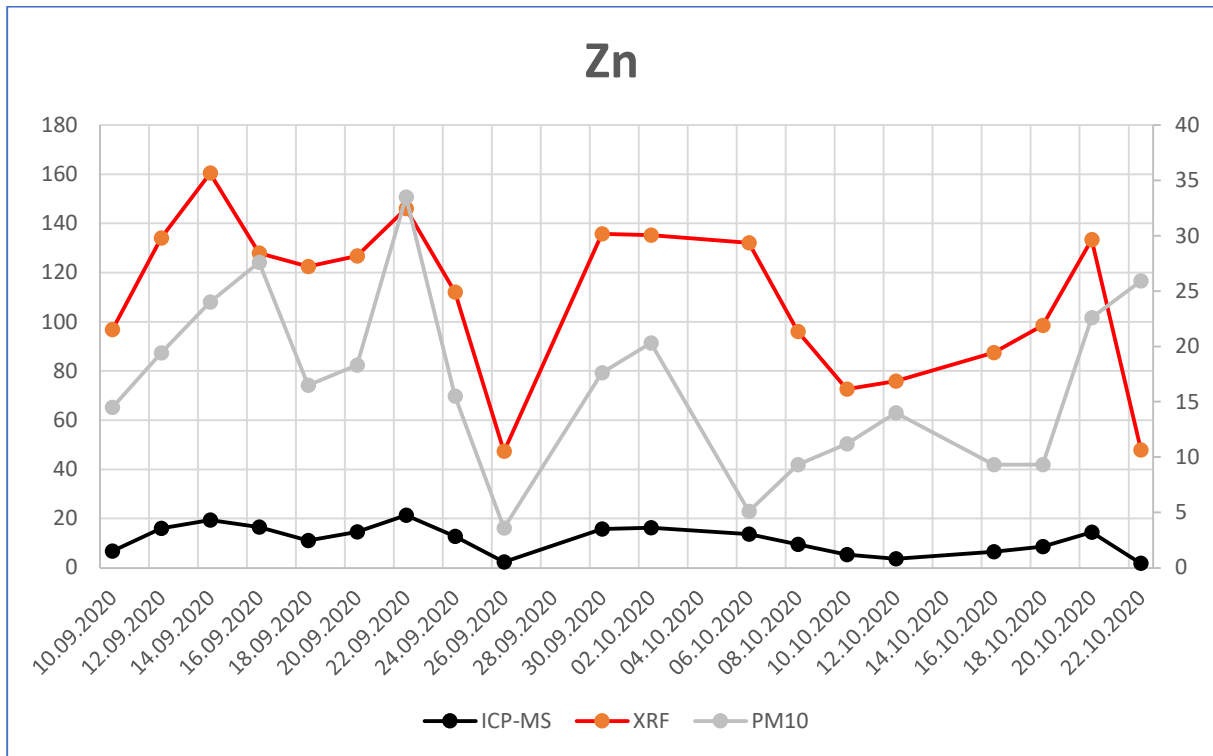
8. Fe – Iron



9. Cu – Copper



10. Zn – Zinc



11. Se – Selenium

