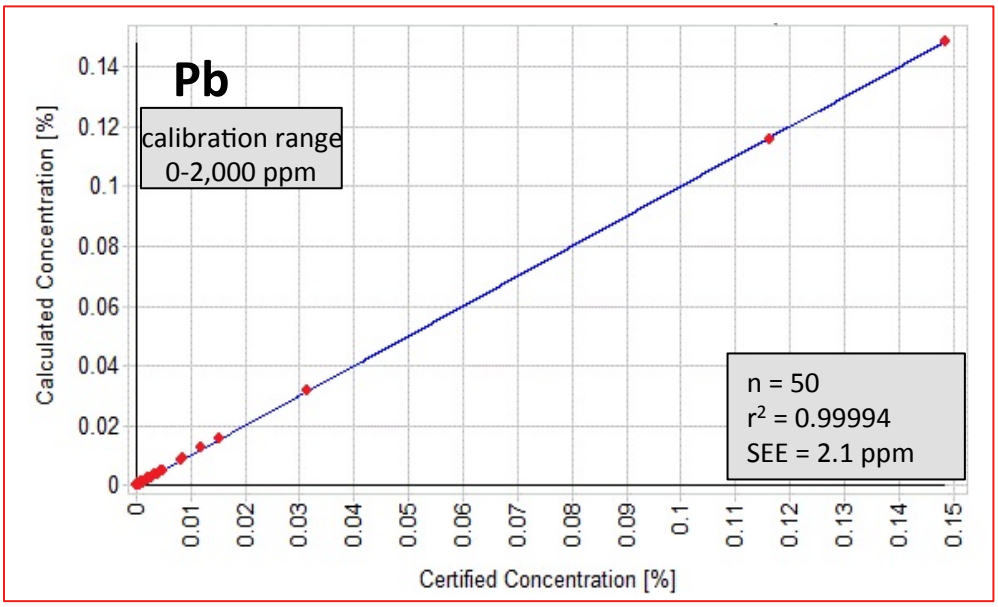
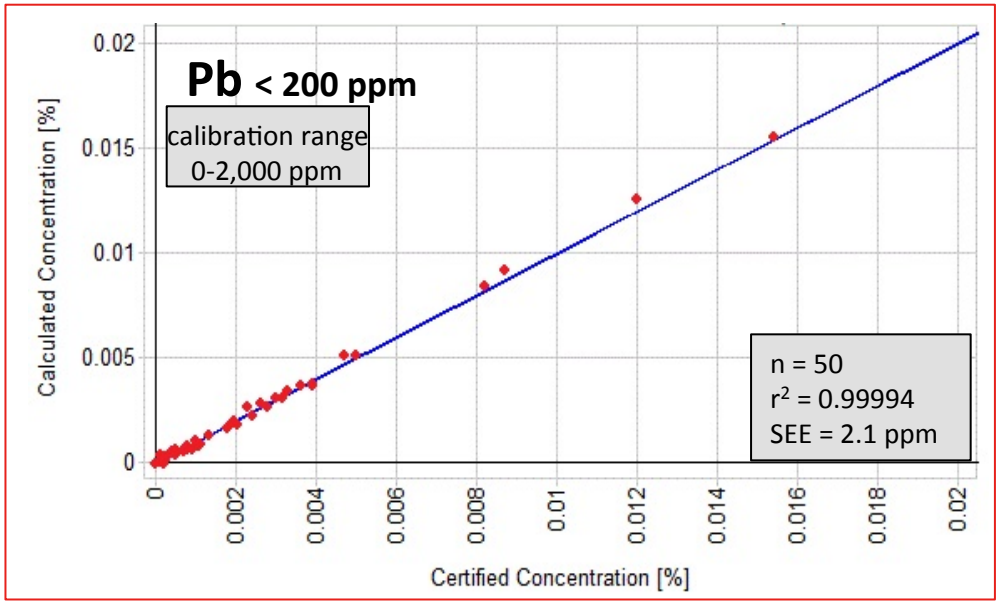
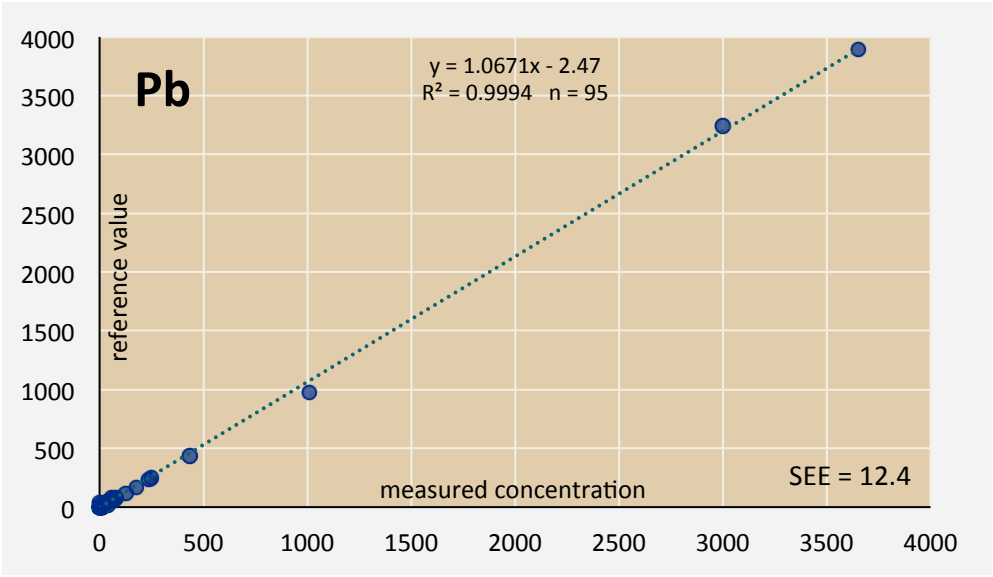
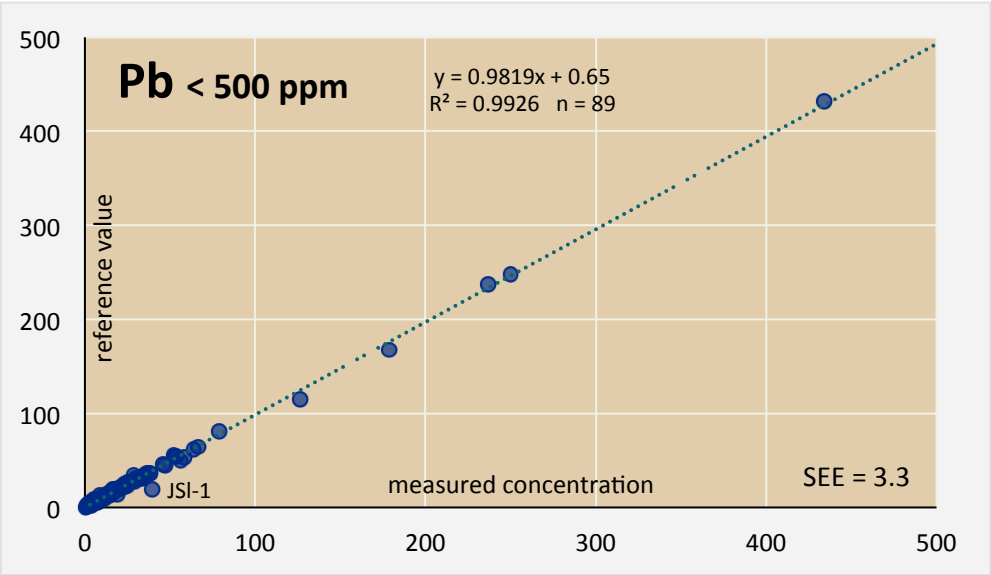
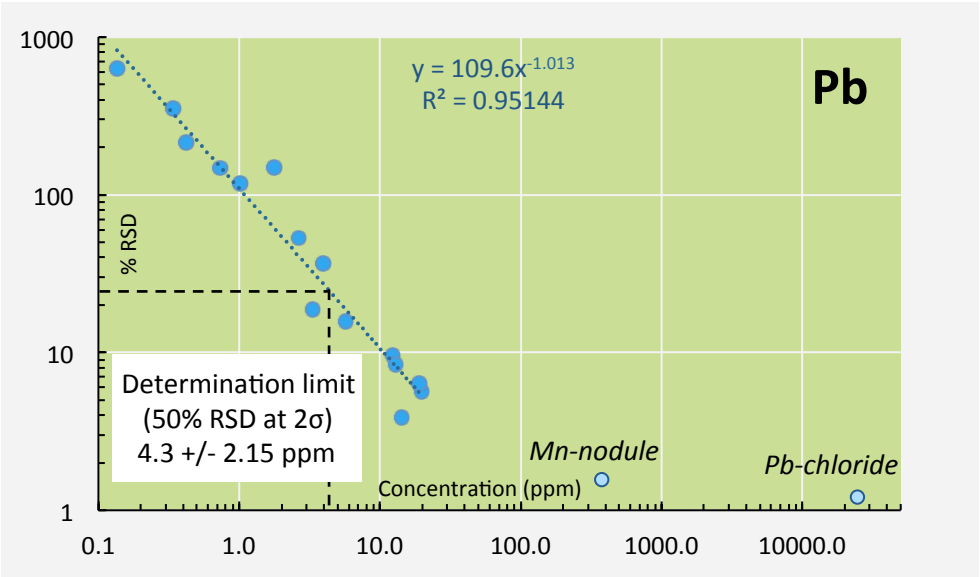
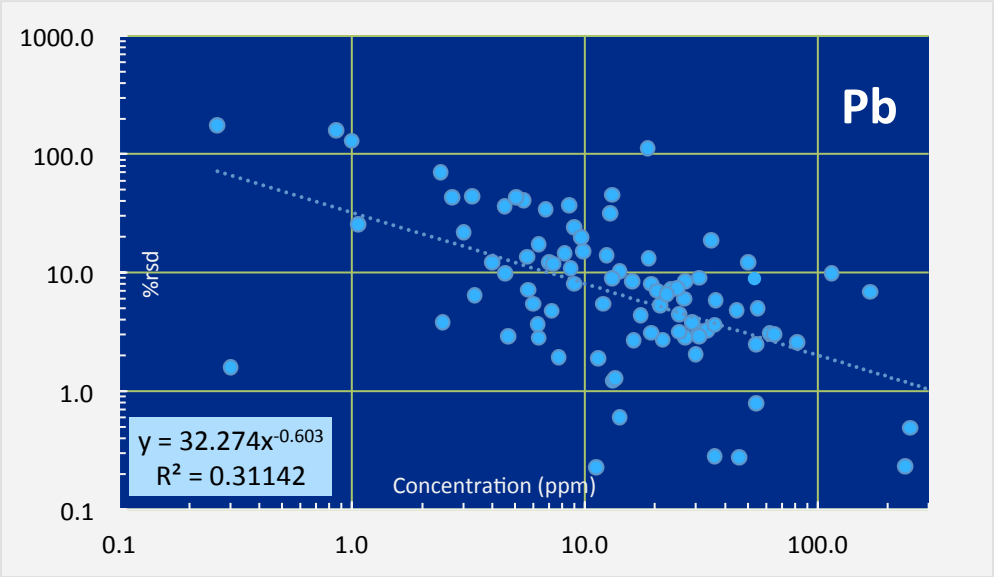

Pb
calibration range
0-2,000 ppm
n = 50
r² = 0.99994
SEE = 2.1 ppm
Calculated Concentration [%]
Certified Concentration [%]
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.01
0.03
0.05
0.07
0.09
0.11
0.13
0.15

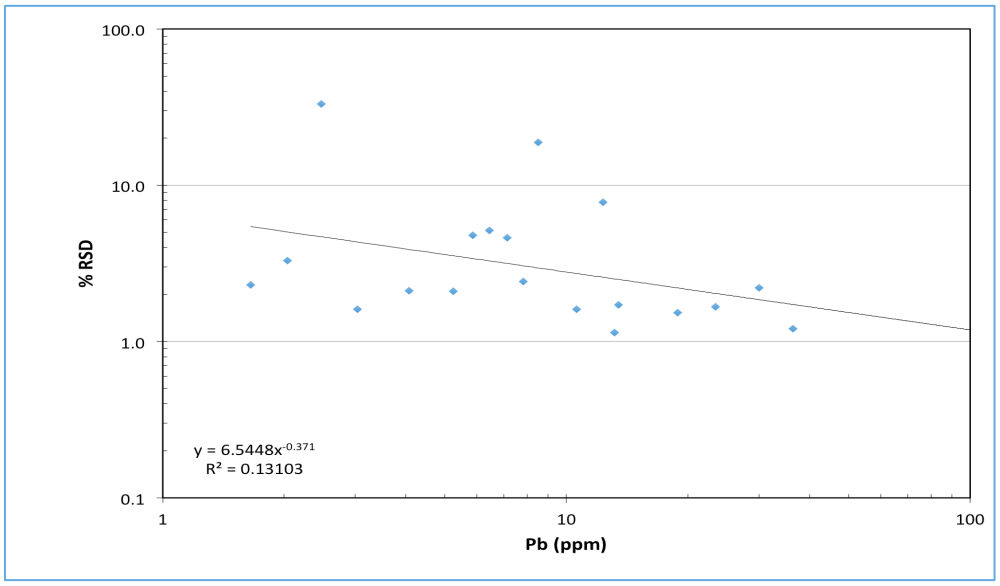

Pb < 200 ppm
calibration range
0-2,000 ppm
n = 50
r² = 0.99994
SEE = 2.1 ppm
Calculated Concentration [%]
Certified Concentration [%]
0
0.005
0.01
0.015
0.02
0.002
0.004
0.006
0.008
0.012
0.014
0.016
0.018


Pb
y = 1.0671x - 2.47
R² = 0.9994 n = 95
reference value
measured concentration
SEE = 12.4
0
500
1000
1500
2000
2500
3000
3500
4000


Pb < 500 ppm
y = 0.9819x + 0.65
R² = 0.9926 n = 89
reference value
measured concentration
JSI-1
SEE = 3.3
0
100
200
300
400
500


Pb
y = 109.6x^-1.013
R² = 0.95144
% RSD
Determination limit
(50% RSD at 2σ)
4.3 +/- 2.15 ppm
Mn-nodule
Pb-chloride
Concentration (ppm)
1000
100
10
1
0.1
1.0
10.0
100.0
1000.0
10000.0


Pb
%rsd
y = 32.274x^-0.603
R² = 0.31142
Concentration (ppm)
1000.0
100.0
10.0
1.0
0.1
0.1
1.0
10.0
100.0


100.0
10.0
1.0
0.1
% RSD
1
10
100
Pb (ppm)
y = 6.5448x^-0.371
R² = 0.13103