

68. There are sometimes found native sulphurs, which are transparent like yellow amber, and have fine bright colours; others, in the form of ores, are very glossy, and of regular angulated figures, and have a gloss like a real burnished metal; but they soon betray their sulphureous particles, by the suffocating fumes they yield, when put on a red-hot shovel.

S E C T I O N VI.

On Metallic Substances.

69. IN regard to metallic substances, it must be observed, that when they are pure and unmixed, it is not a very difficult matter to find the quality of the metal; but in case they are mixed, and the nobler metals, for instance, have some alloy of the baser ones; or if the metallic substances are in the various ores mixed with sulphureous, arsenical, and other particles, it is impossible to give instructions for finding their contents, without giving a full detail of the whole art of Assaying; which would go beyond our intended plan. We therefore content ourselves with giving such instructions as will enable every man, with moderate parts, and with no other apparatus than that which we recommended at the beginning of our paper, to ascertain the metal contained in an ore.

70. We suppose the experiments will be made with small portions of the ores or metals; so that, if at all, any waste of them should be made, the loss may not be great.