Detection Of Explosives And Landmines Methods And Field Experiences Proceedings Of The Nato Advanced

analysis and detection of explosives - nist - "analysis of explosives and explosive odors by solid-phase microextraction followed by hplc and gc-ms" presented: 214th acs national meeting los vegas, nv september 711, 1997 anal # 35 -biederman, g.b. "vapor preconcentration in the detection of explosives by animals in an automated laboratory setting" adv. anal. detect. explos.:

for the detection of explosives - mdpi - reasons, people need to develop faster and more sensitive explosives analysis methods [6,7]. due to the importance of rapid, automatic, and non-contact detection of explosives for homeland security and environmental safety [8], a variety of spectroscopic technologies have been

analysis and detection explosives dt - apps.dtic - analysis and detection of explosives september 7-10, 1992 dt i c electe jerusalem, israel n nov 3 0 19921 program and abstracts-i i i i .i i i --n -- Ã¢Â€Â¢ appzoved to pe in nicioi ~s)organiz ed by the weizmann institute of science and the israel national police

laser-based explosives detectors technote - explosives in ambient air in close proximity to the explosive material. optimal dynamic detection of explosives (odd-ex) is a standoff detection technique that uses shaped, ultra-fast laser pulses to excite specific molecules for spectroscopic analysis. a prototype system for this technique is under development. considerations

detection ofexplosives - acs publications home page - another worldwide problem involving explosives is the detection of landmines. according to the united nations, 120 million unexploded landmines, most of them unmarked, are buried in 70 countries. the development of efficient and cost-effective landmine detection devices has become an ur-gent worldwide necessity.

u. s. army aberdeen proving ground, maryland 21005 - detector dog and a well-trained handler can search out explosives much more rapidly and efficiently than a man alone. a detector dog can be a valuable asset in bomb detection work, and this manual is designed to describe, in a step-by-step fashion, how to train a dog efficiently

review of explosive detection methodologies and the ... - review of explosive detection methodologies and the emergence of standoff deep uv resonance raman katie l. gares,Ã¢Â€Â kyle t. hufziger,Ã¢Â€Â sergei v. bykov and sanford a. asher* due to terrorist use of explosive devices, intense interest has been directed towards the development of techniques and instru-

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