

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

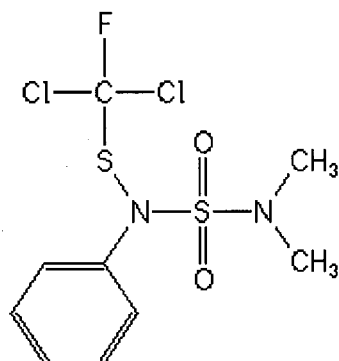
### Analyte: Dichlofluanid

CAS No.: 1085-98-9

Formula: C<sub>9</sub>H<sub>11</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

Molecular mass (lowest isotopes): 331,96 amu

Structure:



Ionisation: ESI +

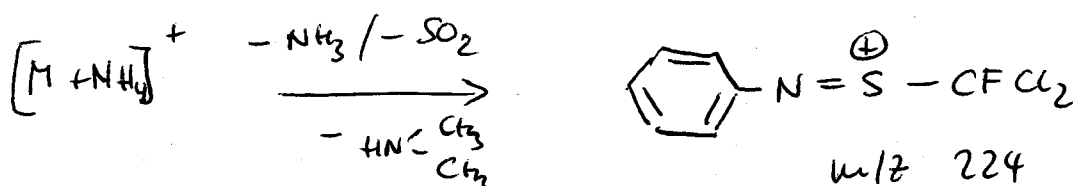
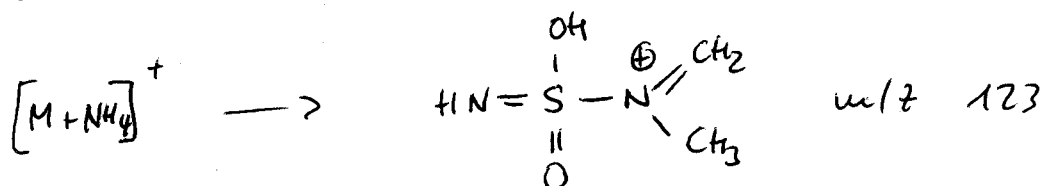
Quasimolecular ion: 350,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	350,0 → 123,0	350,0 → 223,9
Declustering potential (DP) <sup>*)</sup>	24 V	24 V
Focusing potential (FP)	350 V	340 V
Entrance potential (EP)	8,0 V	8,5 V
Collision cell entrance potential (CEP)	26 V	22 V
Collision energy (CE)	41 V	21 V
Collision cell exit potential (CXP)	6 V	12 V

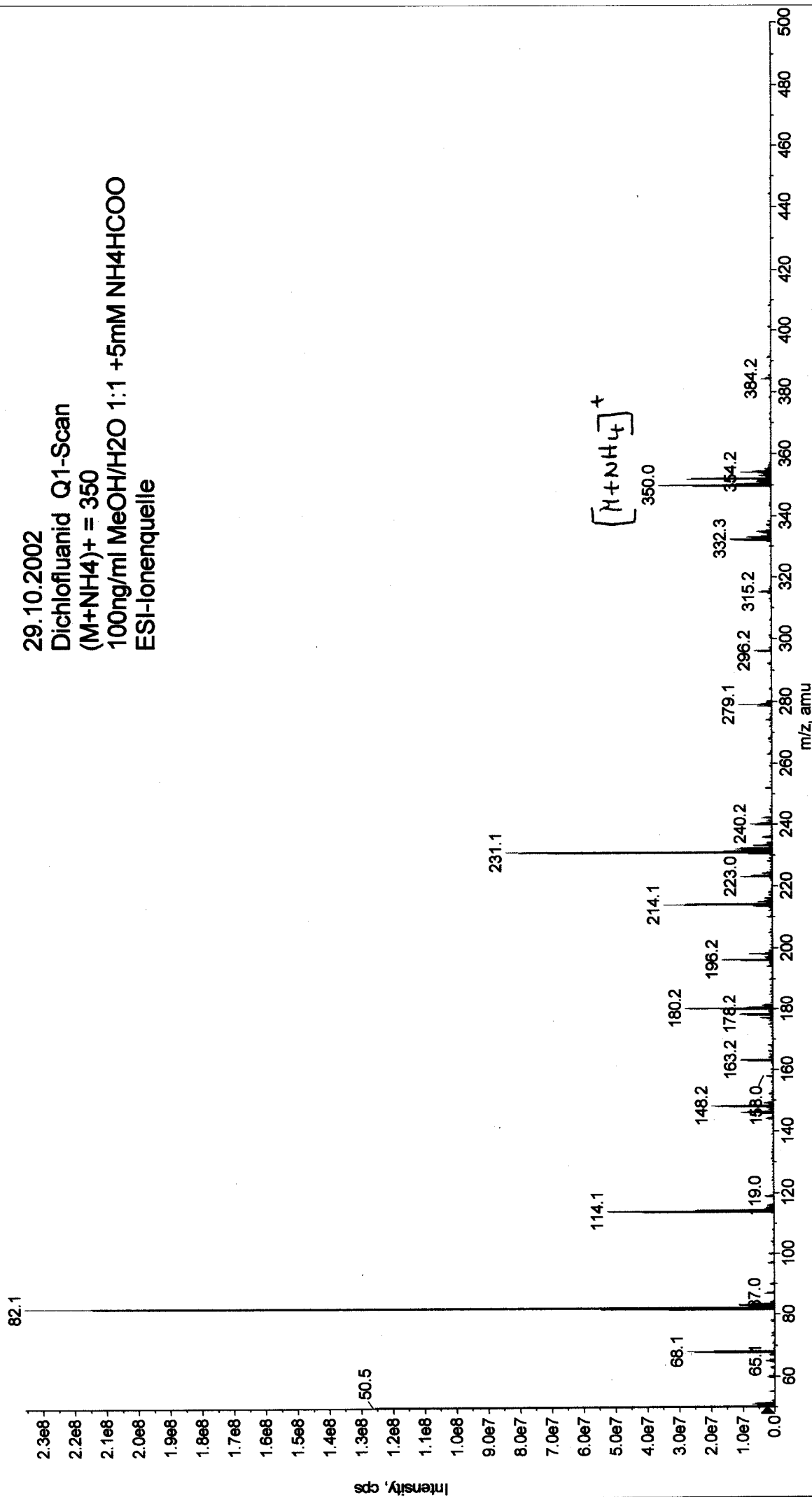
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from MT20021029142750.wiff

Max. 2.4e8 cps.



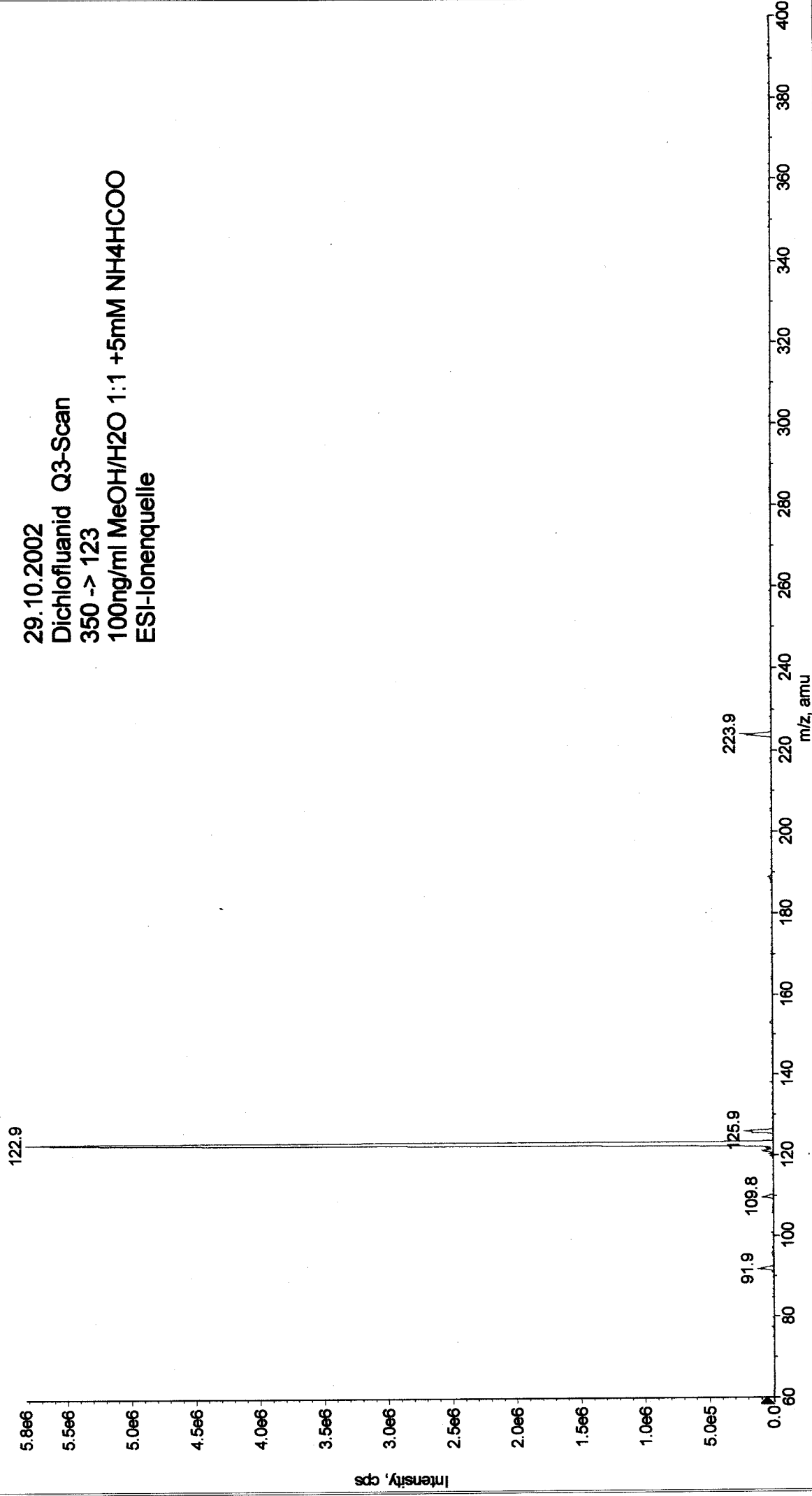
Printing Date: 29 October 2002  
Printing Time: 14:31:52

Acq. Date: Tuesday, October 29, 2002  
Acq. Time: 14:30  
Acq. File: MT20021029143052.wiff

Sample Comment:  
Sample Name:  
Batch Name: N/A

Max 5.8e6 cps.

+Product (350.0): 30 MCA scans from MT20021029143052.wiff



■ +Product (350.0): 30 MCA scans from MT20021029143817.wiff Max 5.7e6 cps.

29.10.2002  
Dichlofluanid224 Q3-Scan  
350 -> 224  
100ng/ml MeOH/H2O 1:1 +5mM NH4HCOO  
ESI-Ionenquelle

