

MS/MS Parameters of Pesticides

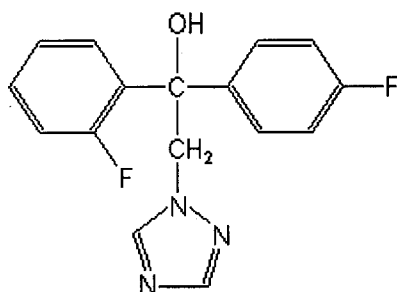
Analyte: Flutriafol

CAS No.: 76674-21-0

Formula: C₁₆H₁₃F₂N₃O

Molecular mass (lowest isotopes): 301,10 amu

Structure:



Ionisation: ESI +

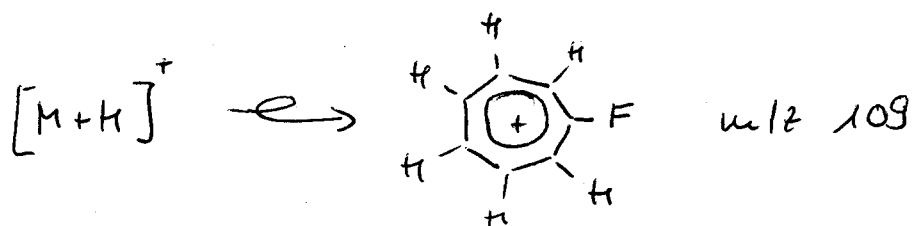
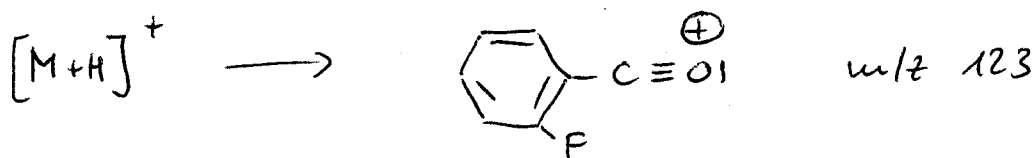
Quasimolecular ion: 302,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	302,1 → 122,9	302,1 → 109,0
Declustering potential (DP) ^{*)}	44 V	44 V
Focusing potential (FP)	350 V	310 V
Entrance potential (EP)	8,0 V	8,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	39 V	43 V
Collision cell exit potential (CXP)	6 V	4 V

^{*)} For API 3000 and 4000 enhance DP by 20V

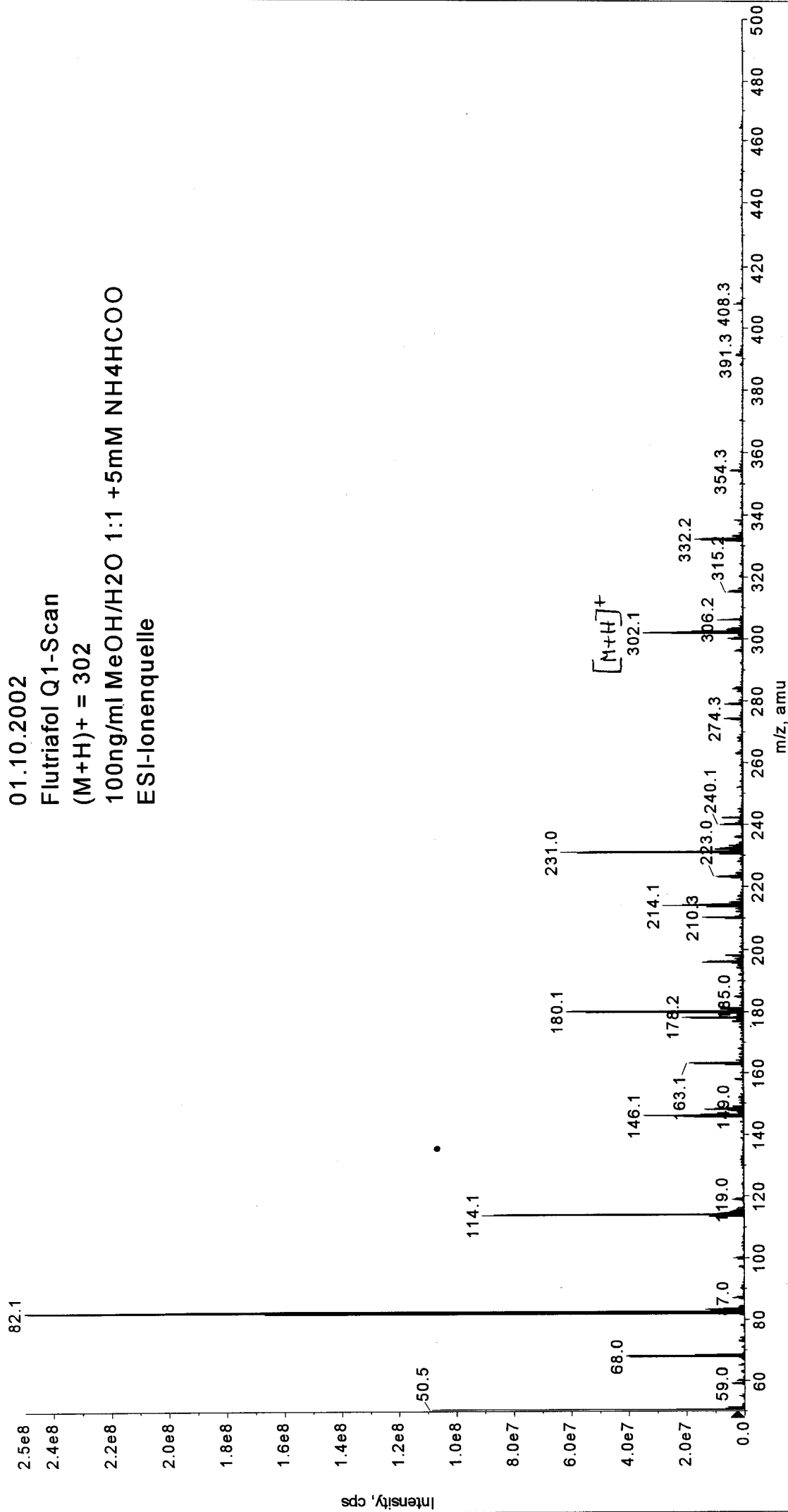
Fragmentation



■ +Q1: 30 MCA scans from MT20021001132152.wiff

Max. 2.5e8 cps

01.10.2002
Flutriafol Q1-Scan
(M+H)⁺ = 302
100ng/ml MeOH/H₂O 1:1 +5mM NH₄HCOO
ESI-Ionenquelle



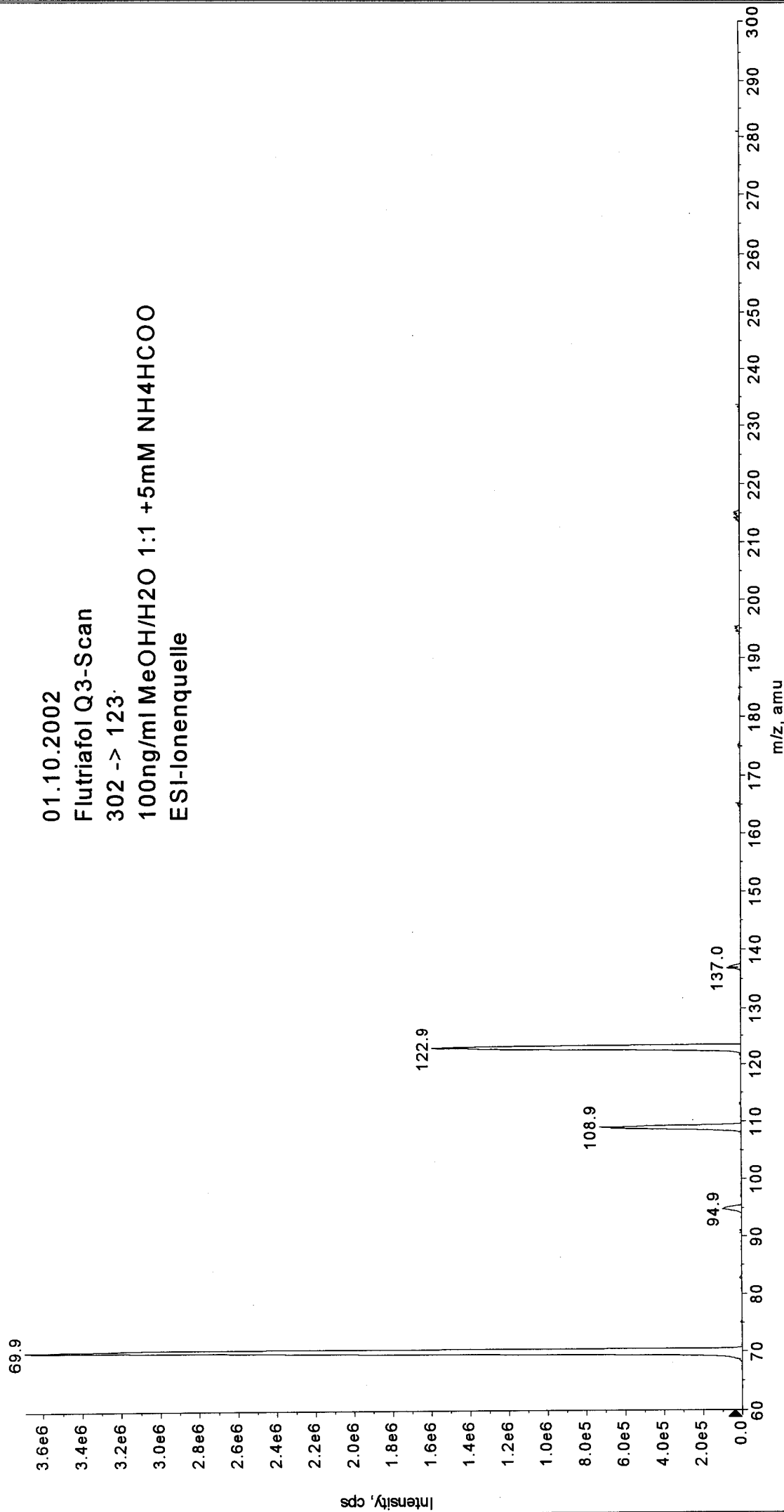
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Printing Time: 13:27:39

Acq. Date: Tuesday, October 01, 2002
Acq. Time: 13:26
Acq. File: MT20021001132630.wiff

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

■ +Product (302.0): 30 MCA scans from MT20021001132630.wiff

Max. 3.7e6 cps



Printing Date: 01 October 2002
Printing Time: 13:45:34

Acq. Date: Tuesday, October 01, 2002
Acq. Time: 13:44
Acq. File: MT20021001134415.wiff

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

■ +Product (302.0): 30 MCA scans from MT20021001134415.wiff

Max. 3.8e6 cps.

