

## MS/MS Parameters of Pesticides

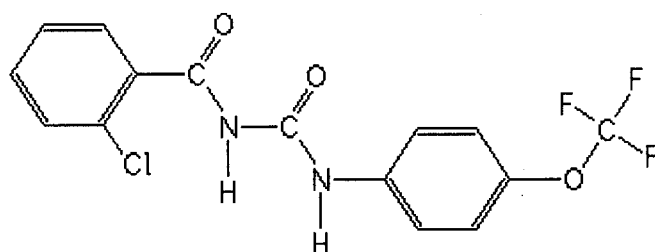
### Analyte: Triflumuron

CAS No.: 64628-44-0

Formula: C<sub>15</sub>H<sub>10</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>

Molecular mass (lowest isotopes): 358,03 amu

Structure:



Ionisation: ESI -

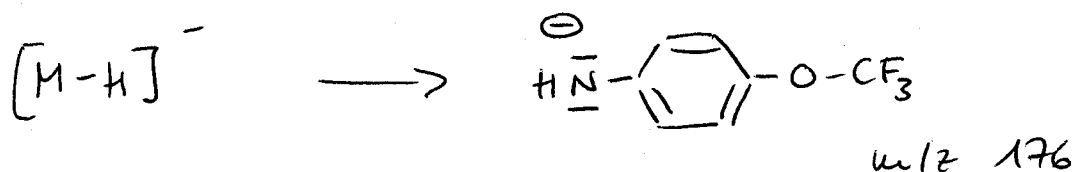
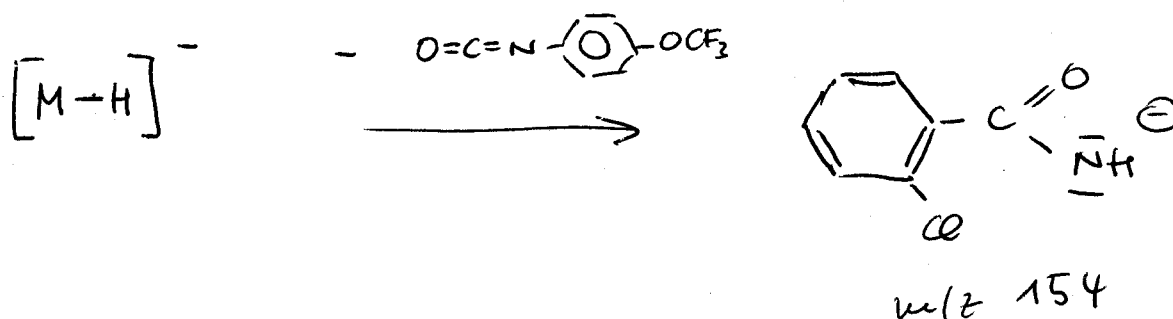
Quasimolecular ion: 357,0 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

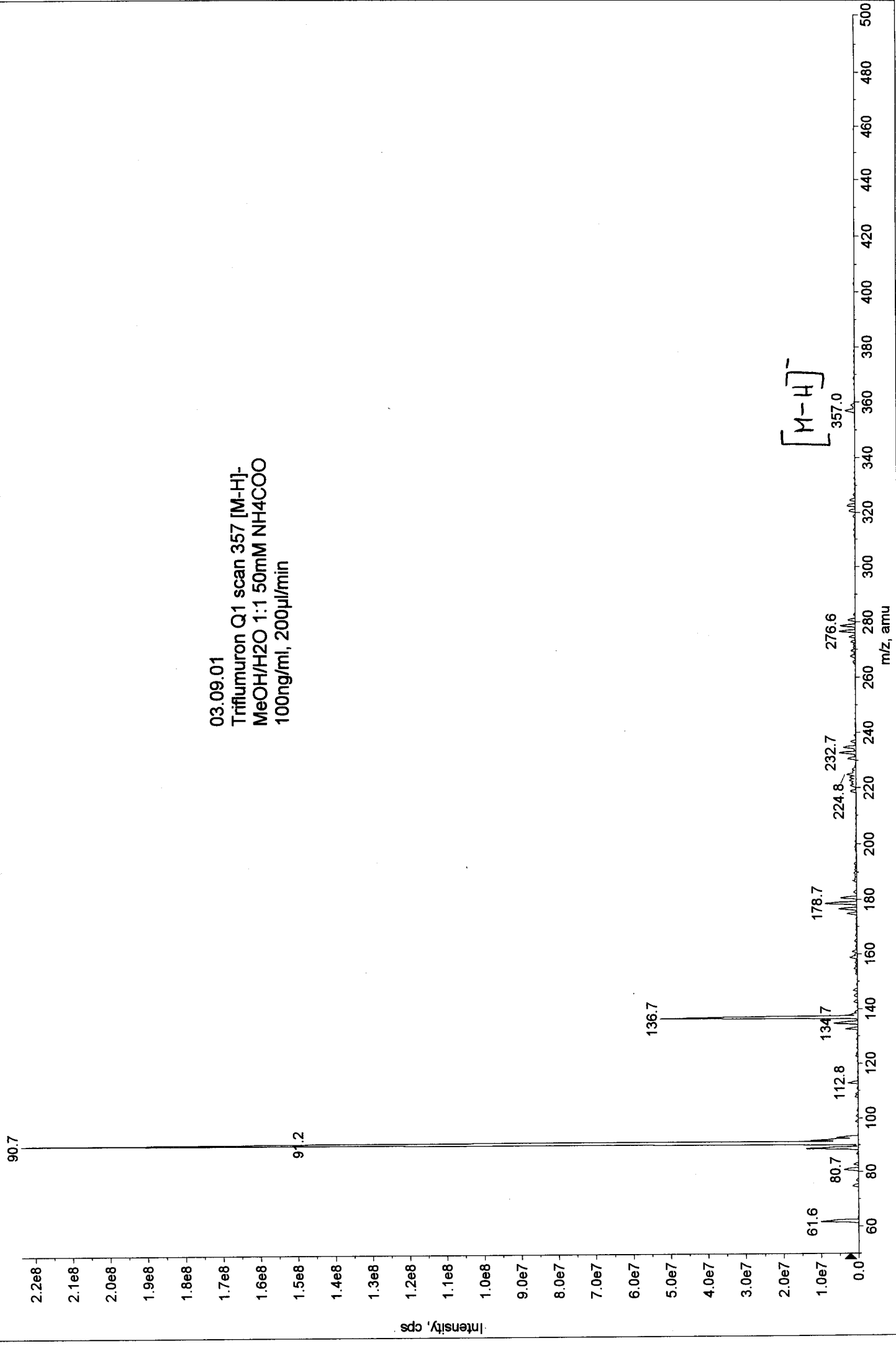
Transition	357,0 → 154,0	357,0 → 175,9
Declustering potential (DP) <sup>*)</sup>	-16V	-16 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-26 V	-32 V
Collision energy (CE)	-14 V	-22 V
Collision cell exit potential (CXP)	-10 V	-10 V

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

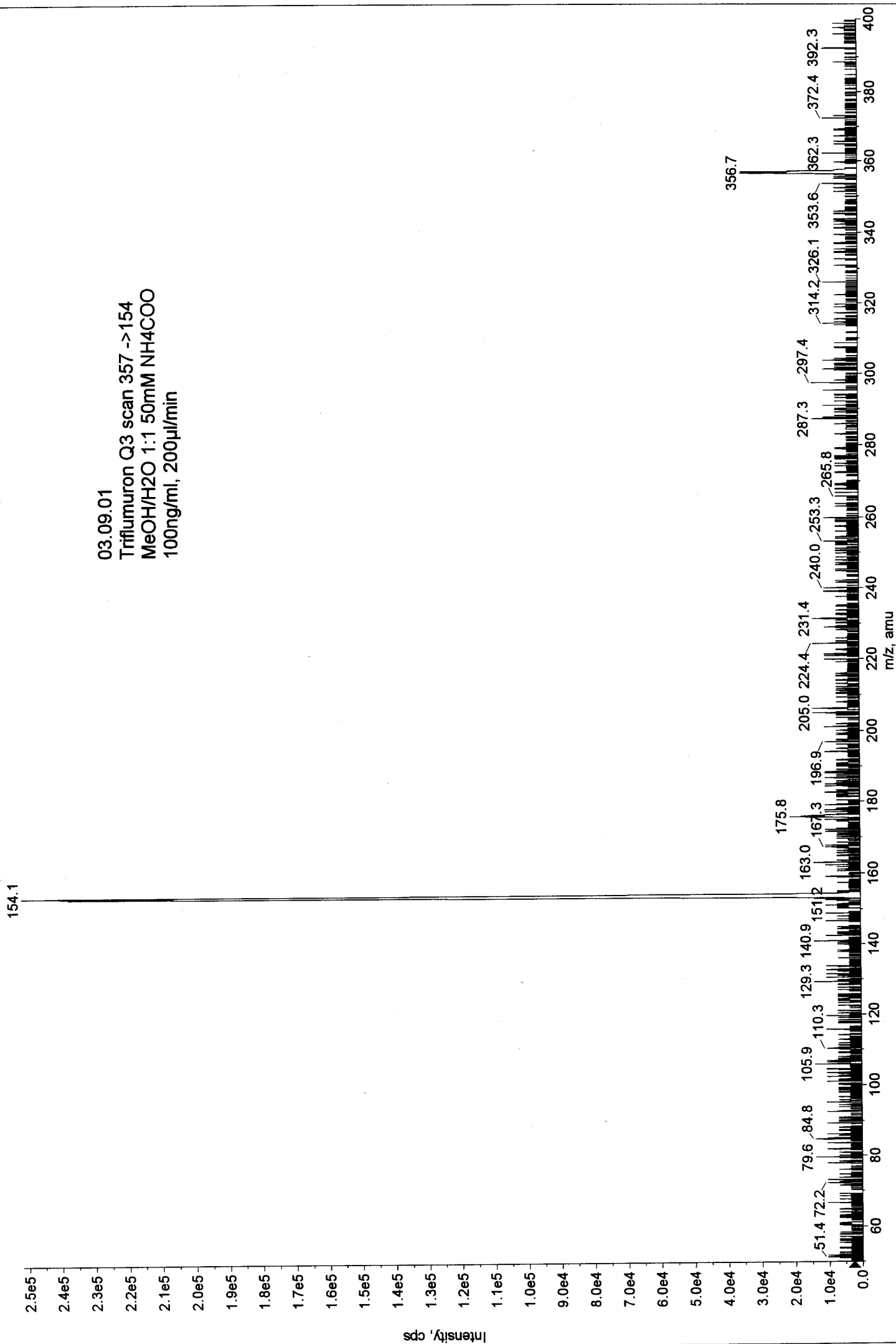
### Fragmentation



03.09.01  
Triflumuron Q1 scan 357 [M-H]  
MeOH/H2O 1:1 50mM NH4COO  
100ng/ml, 200µl/min



03.09.01  
Triflumuron Q3 scan 357 ->154  
MeOH/H2O 1:1 50mM NH4COO  
100ng/ml, 200µl/min



03.09.01  
Triflumuron 176 Q1 scan 357 -> 176  
MeOH/H<sub>2</sub>O 1:1 50mM NH<sub>4</sub>COO  
100ng/ml, 200µl/min

