Halogenated Unknown Mass Spectra in Marine Mammal Blubber from the Southern California Bight.

Manuscript: Apex marine predators and ocean health: proactive screening of halogenated organic contaminants reveals ecosystem indicator species

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Uses compound naming scheme from Environ. Sci. Technol. 2015, 49, 1328−1338.
(Compounds starting with MMCP are unique to this project.)

Web Reference: http://OrgMassSpec.github.io

Prepared: 2018−05−09 11:44:52
SpecLibMarineUnknown2018
OrgMassSpecR version 0.5−3

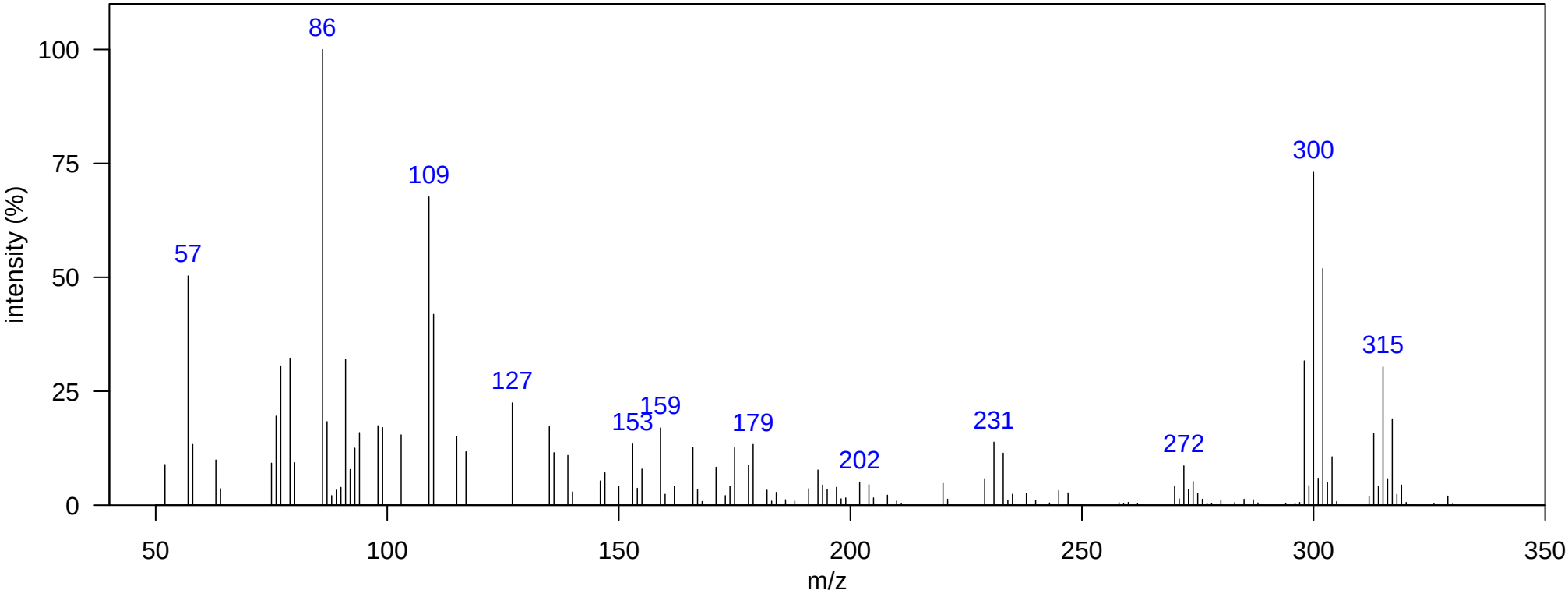
R version 3.4.1 (2017−06−30)

Name: MMCP unknown 1 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1089.72 , 0.931

Comment:

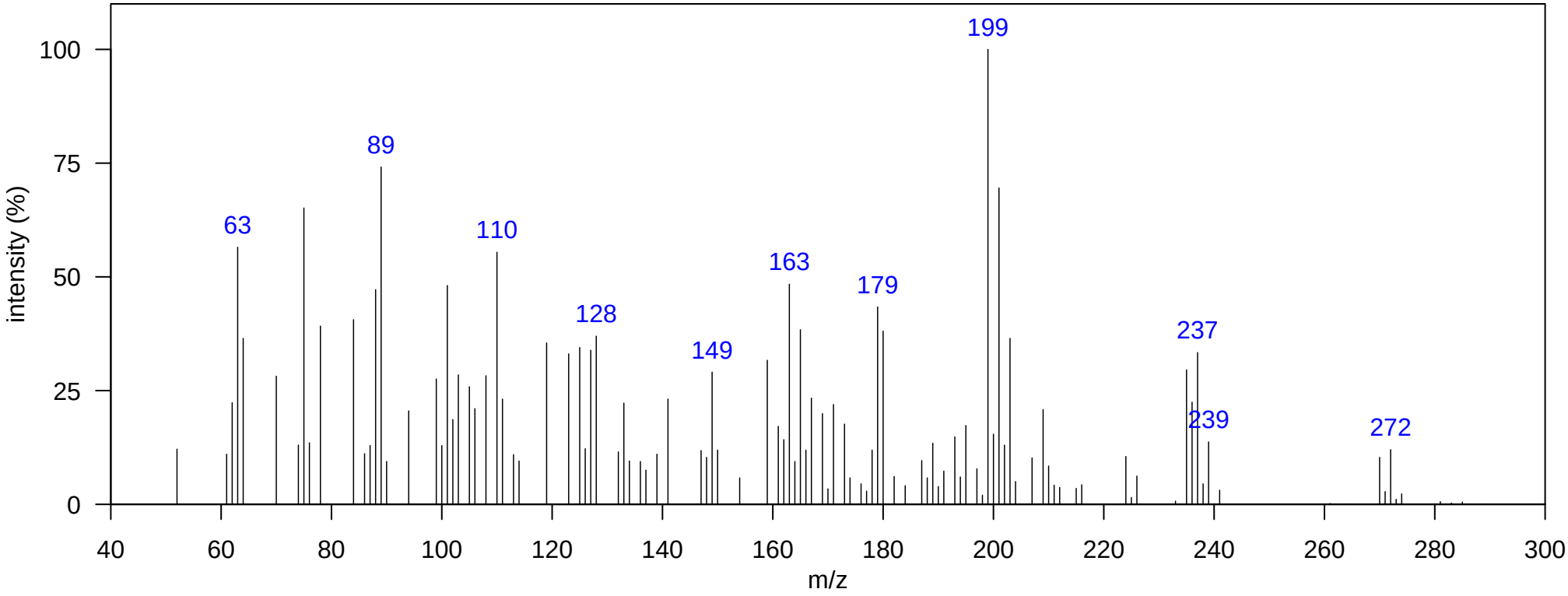


Name: MMCP unknown 2 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1128.2 , 0.898

Comment:

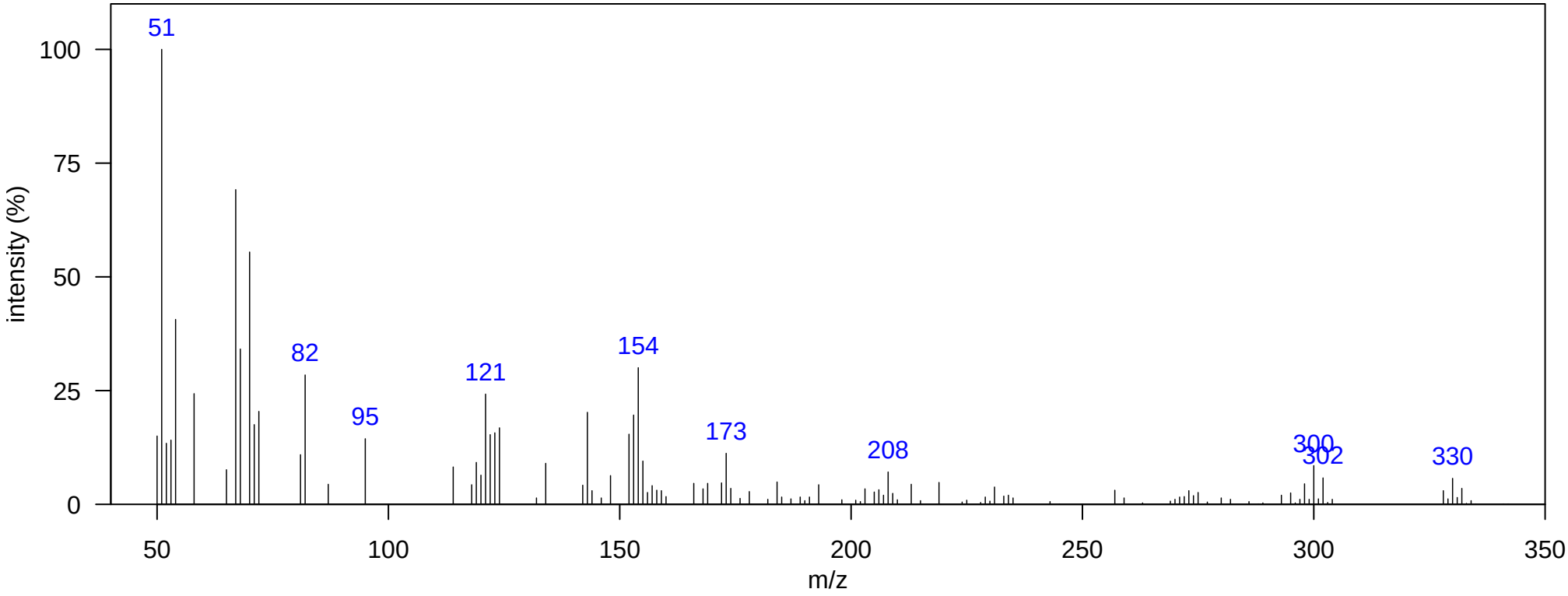


Name: MMCP unknown 3 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1215.65 , 1.016

Comment:

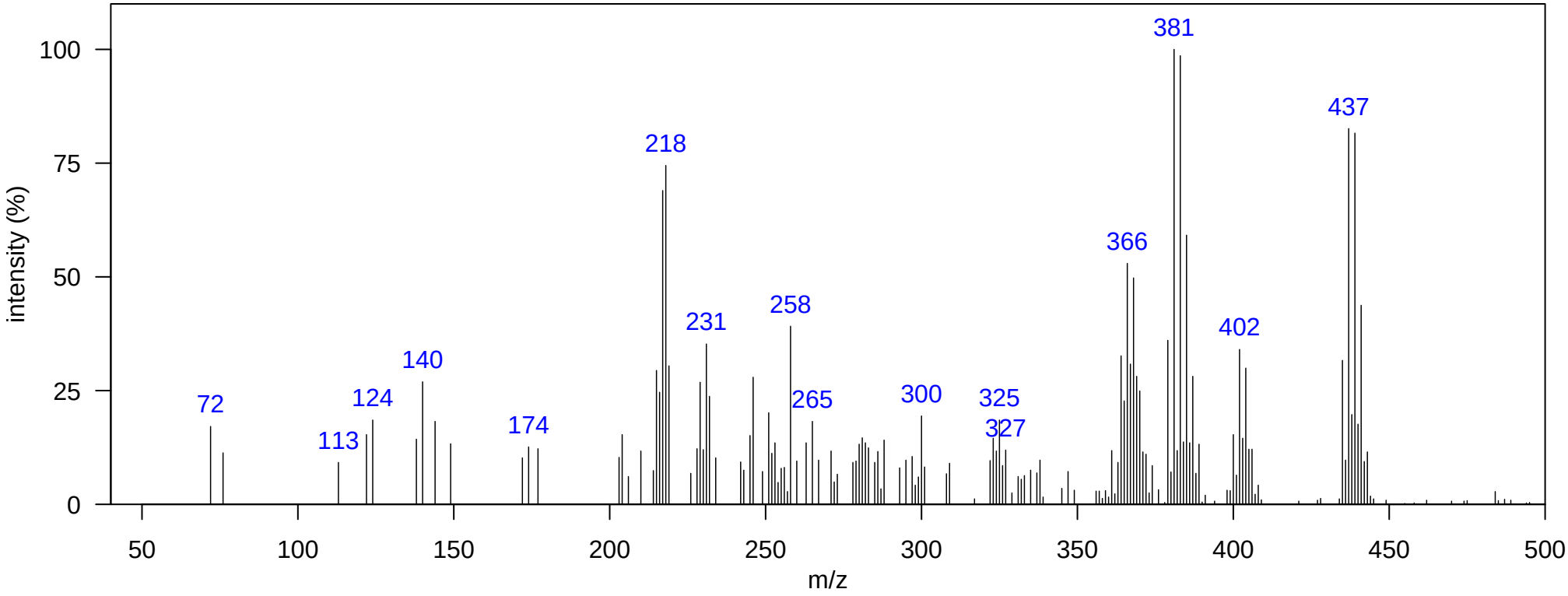


Name: MMCP unknown 4 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1530.47 , 1.168

Comment:

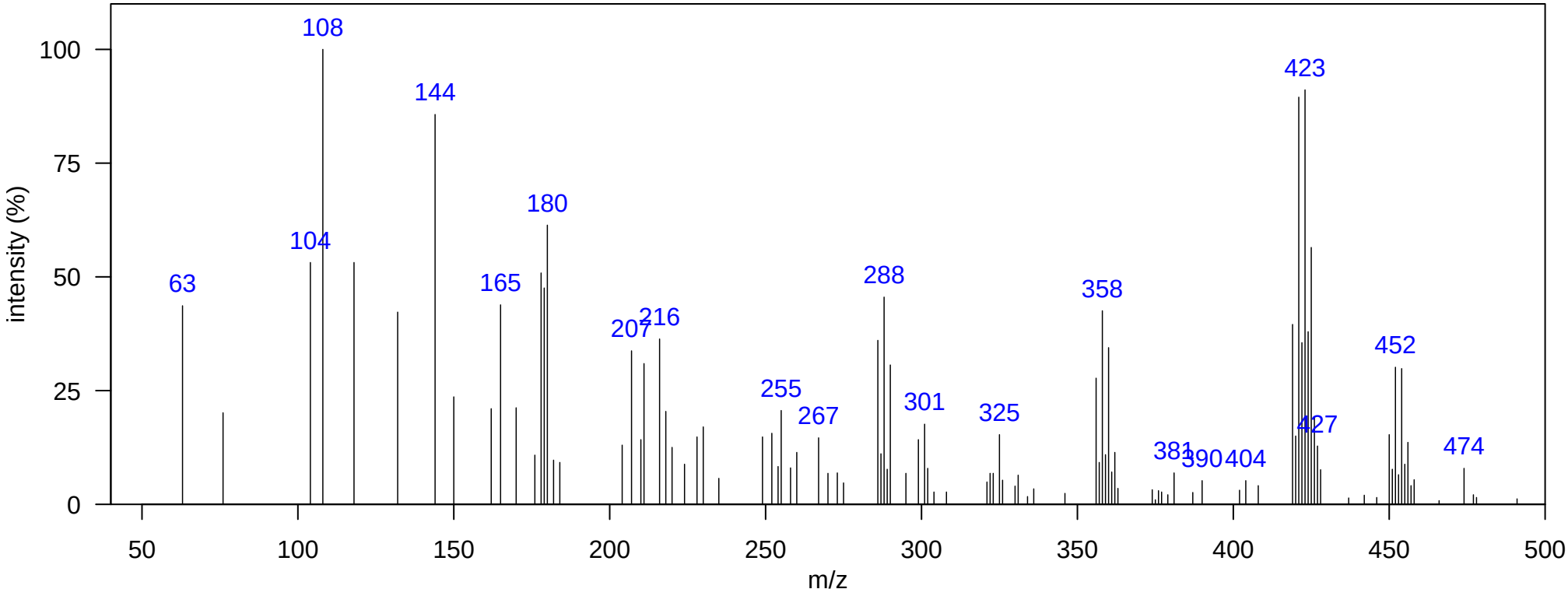


Name: MMCP unknown 5 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1684.38 , 1.459

Comment:

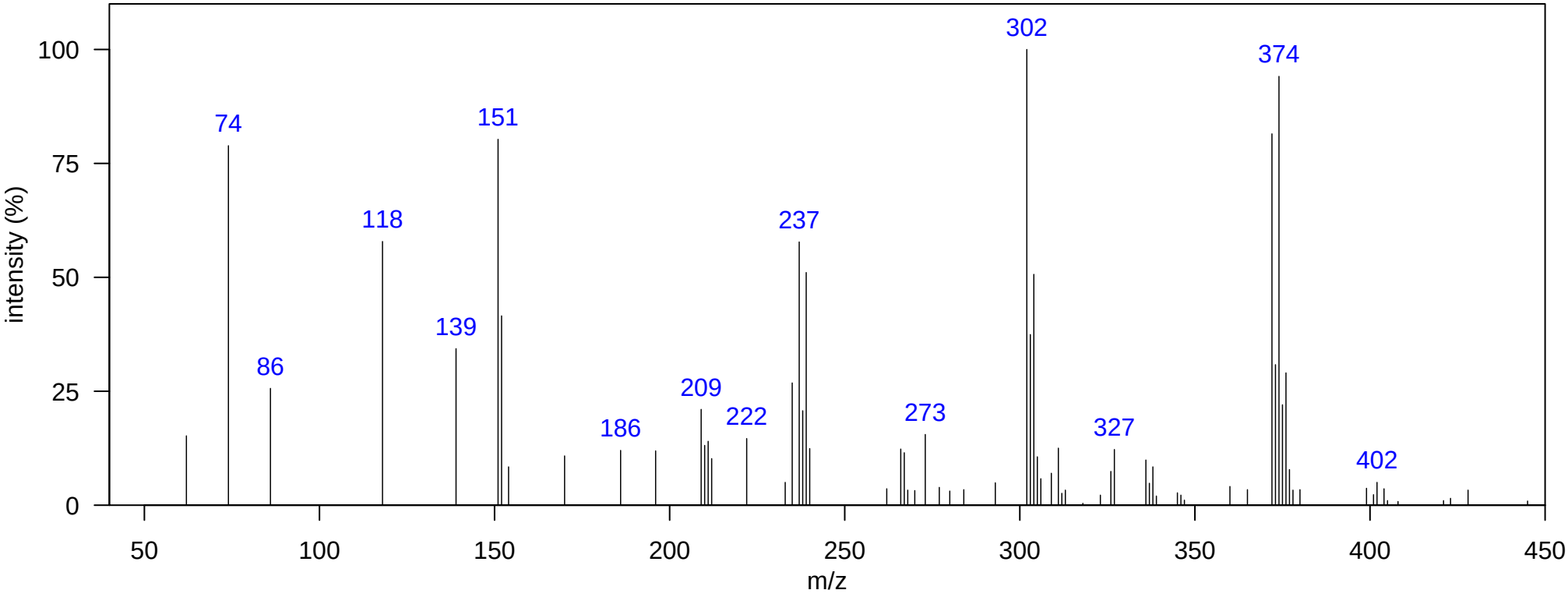


Name: MMCP unknown 6 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1701.87 , 1.525

Comment:

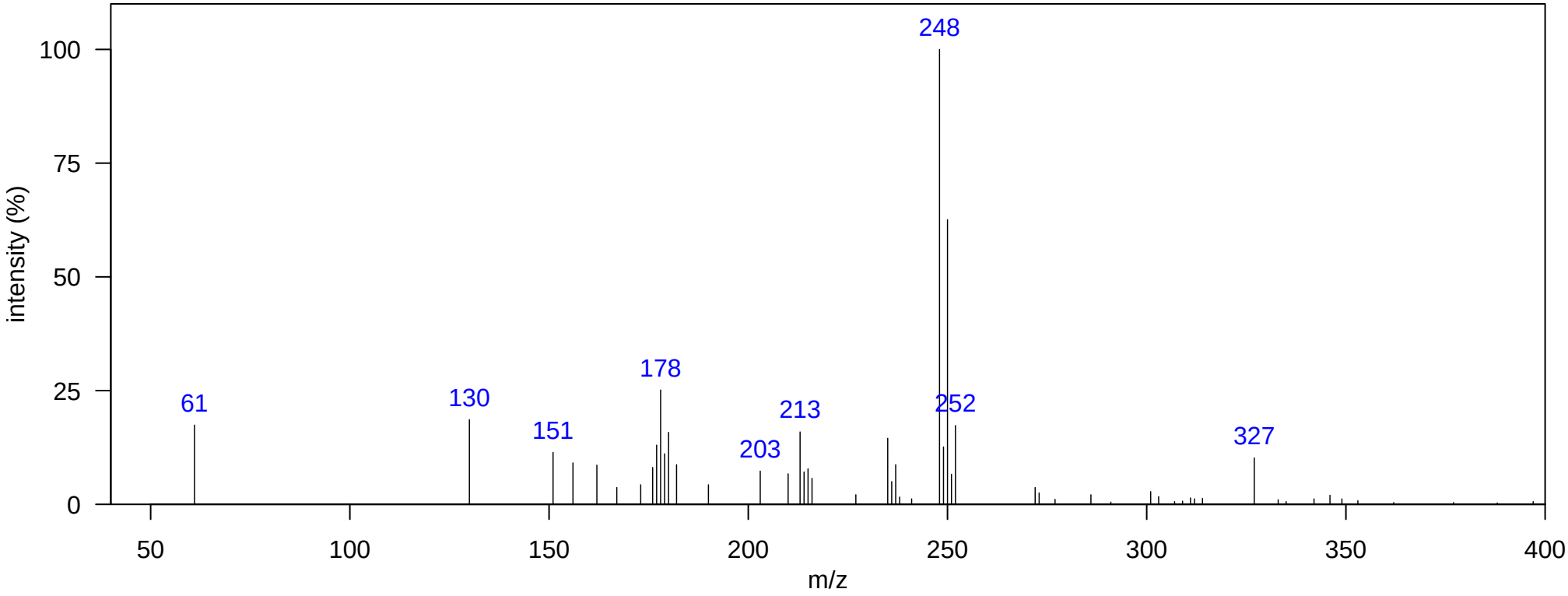


Name: MMCP unknown 7 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 2023.69 , 1.927

Comment:

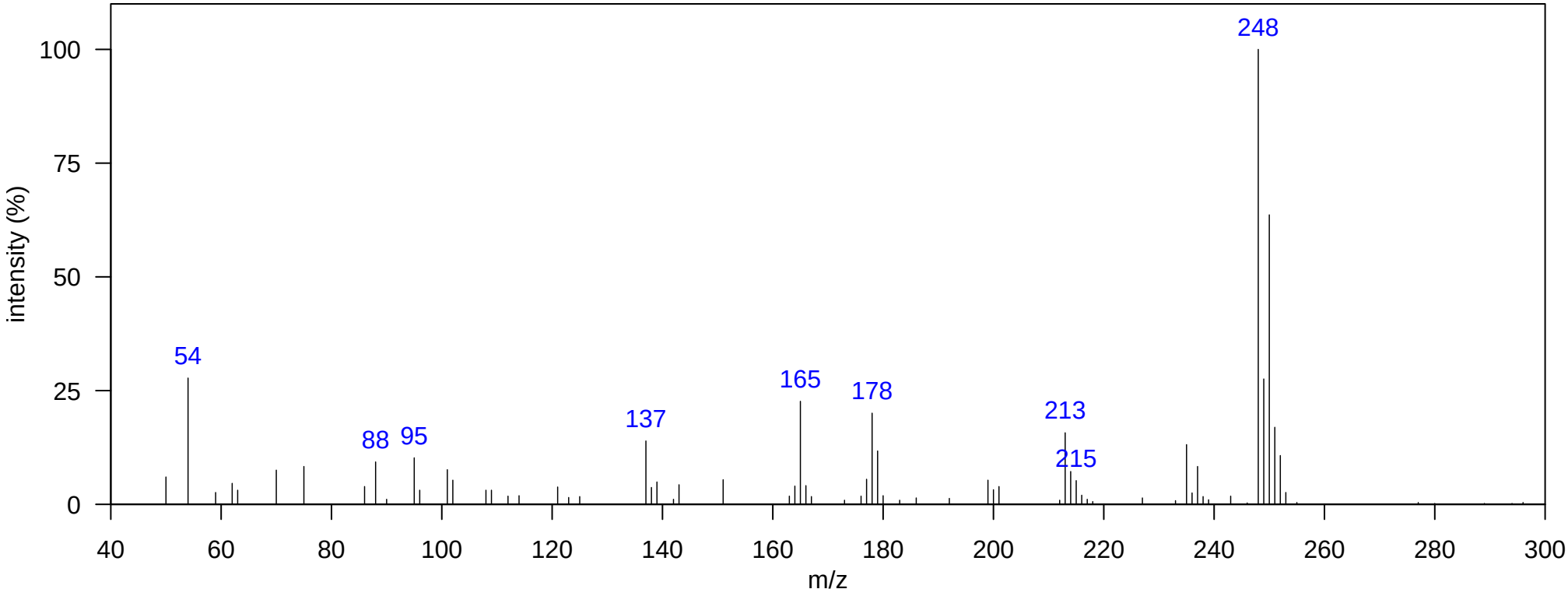


Name: MMCP unknown 8 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 2212.58 , 2.581

Comment:

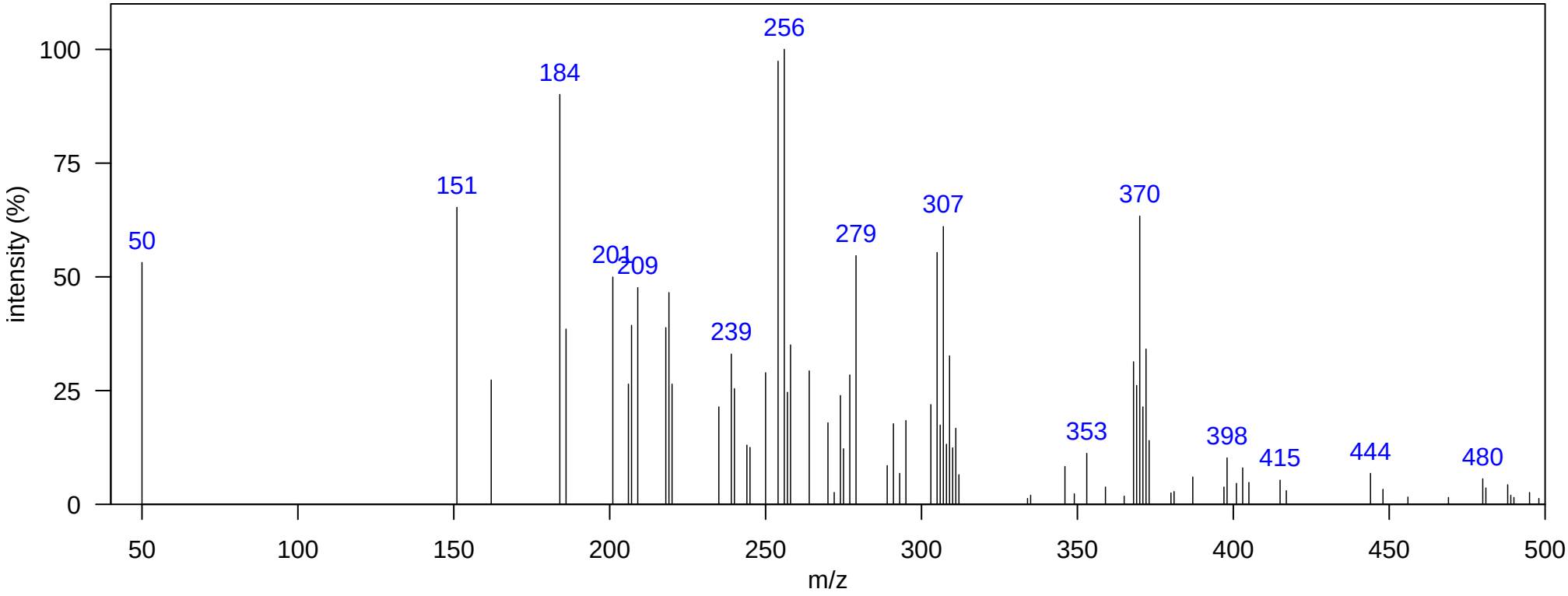


Name: MMCP unknown−6 related 1 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1596.93 , 1.452

Comment:

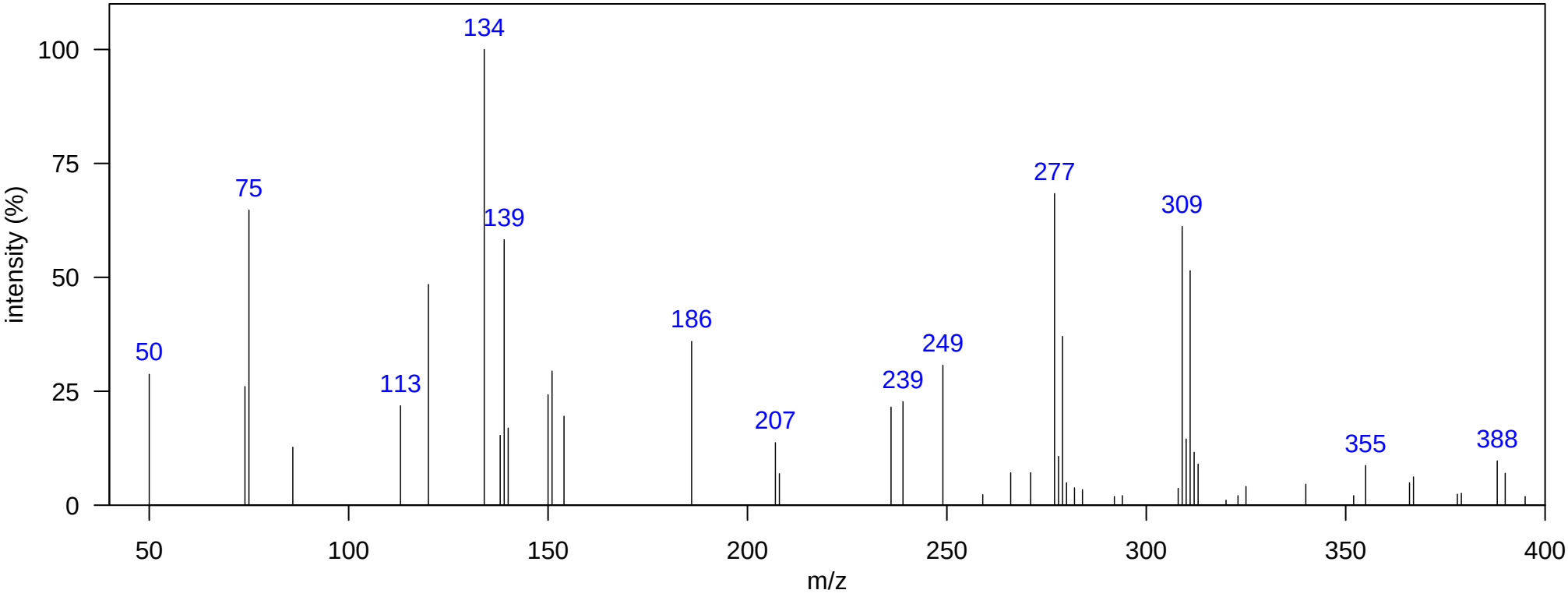


Name: MMCP unknown−52 related 1 Class: MMCP unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: FALSE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1789.32 , 1.610

Comment:

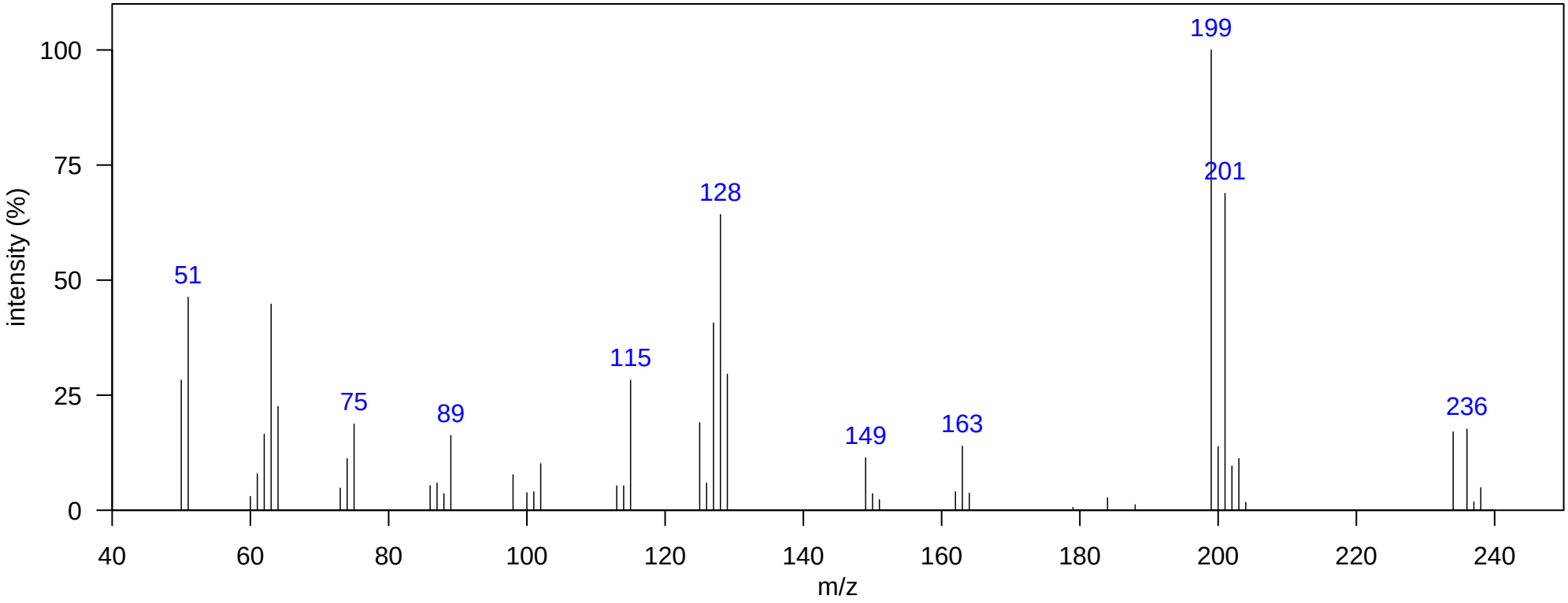


Name: Unknown−11 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1114.21 , 0.904

Comment:

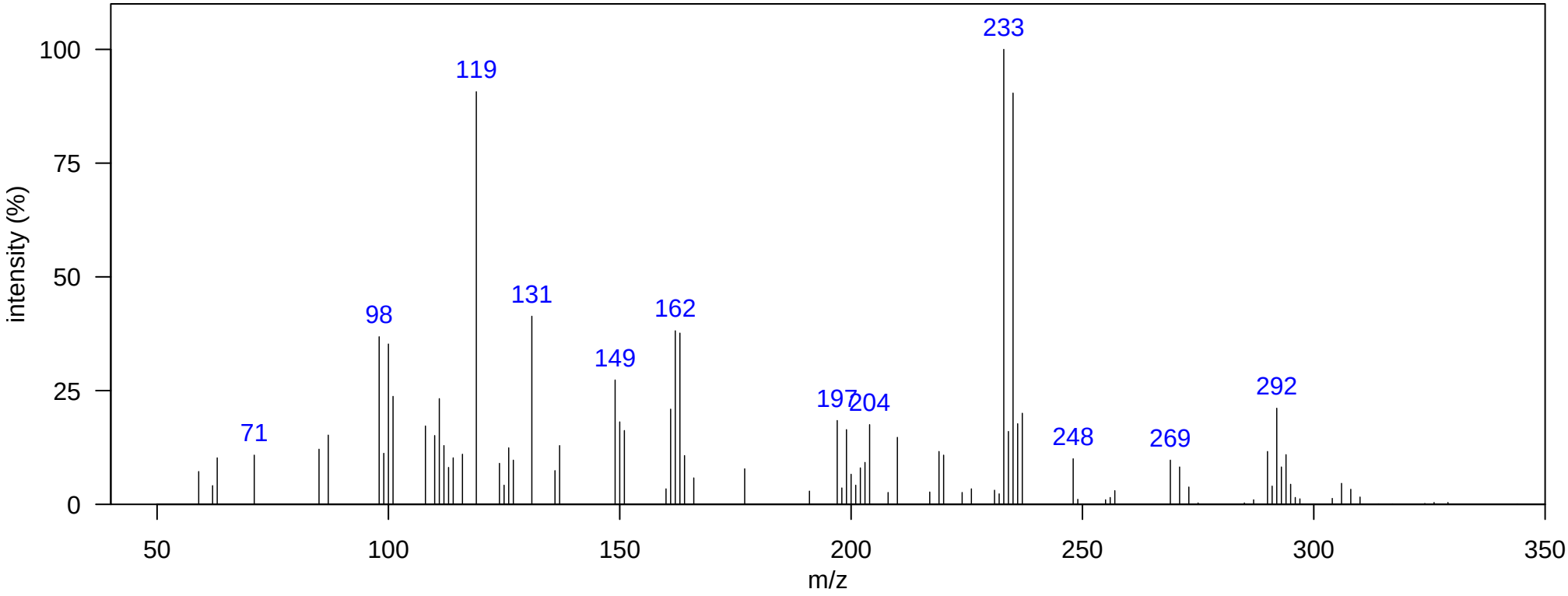


Name: Unknown−14 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1247.13 , 0.970

Comment:

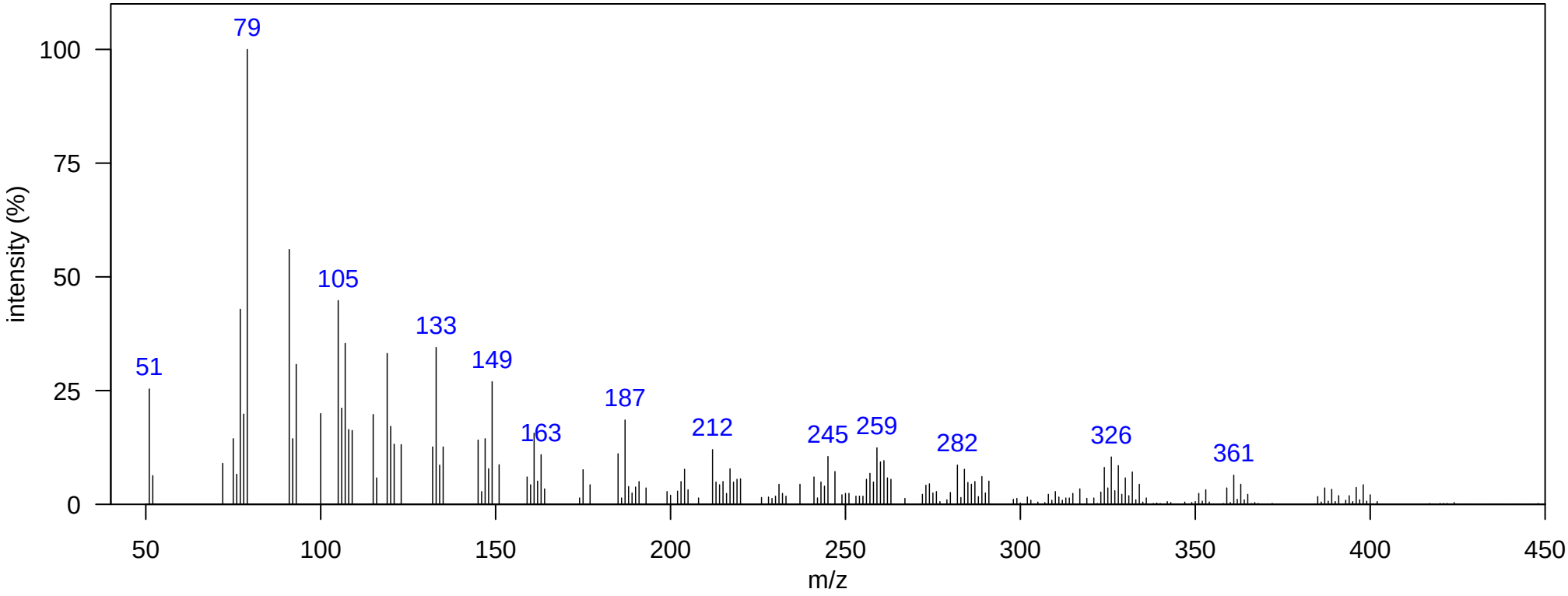


Name: Unknown−15 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1278.61 , 0.937

Comment:

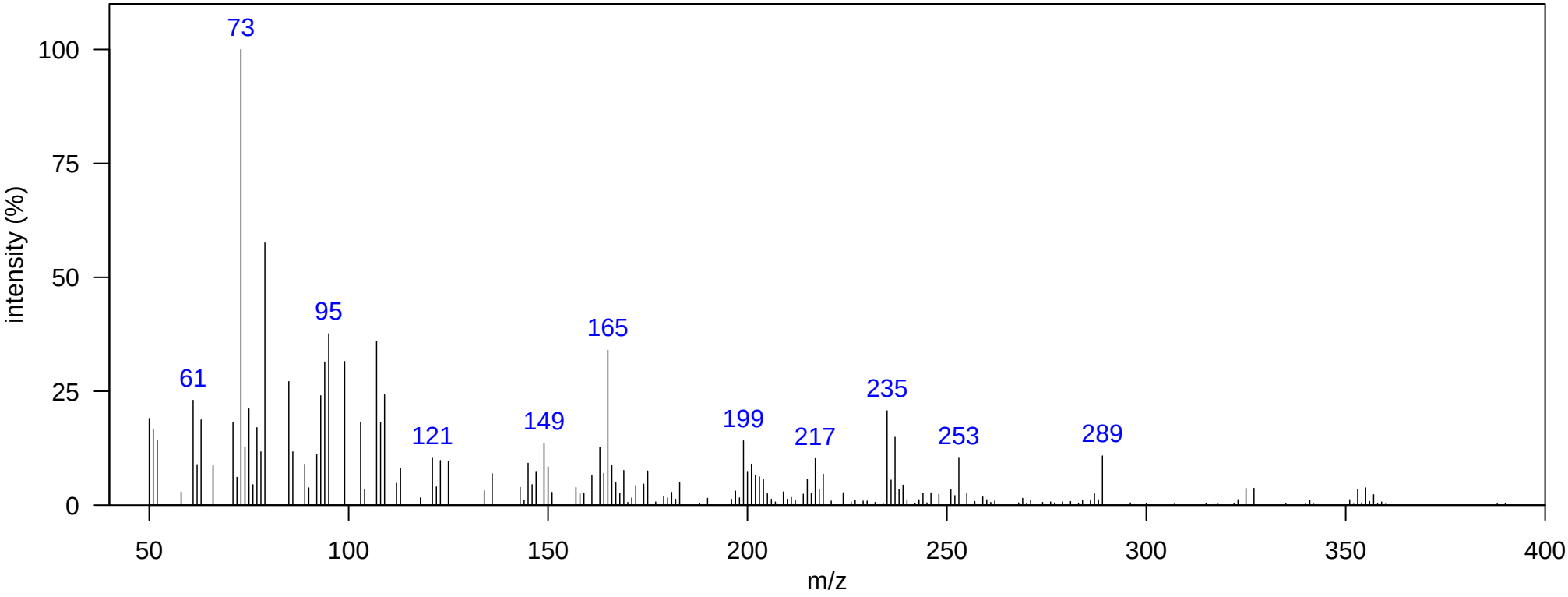


Name: Unknown−16 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1296.1 , 0.977

Comment: Interference with some compounds − ion 355 belongs to unknown−16

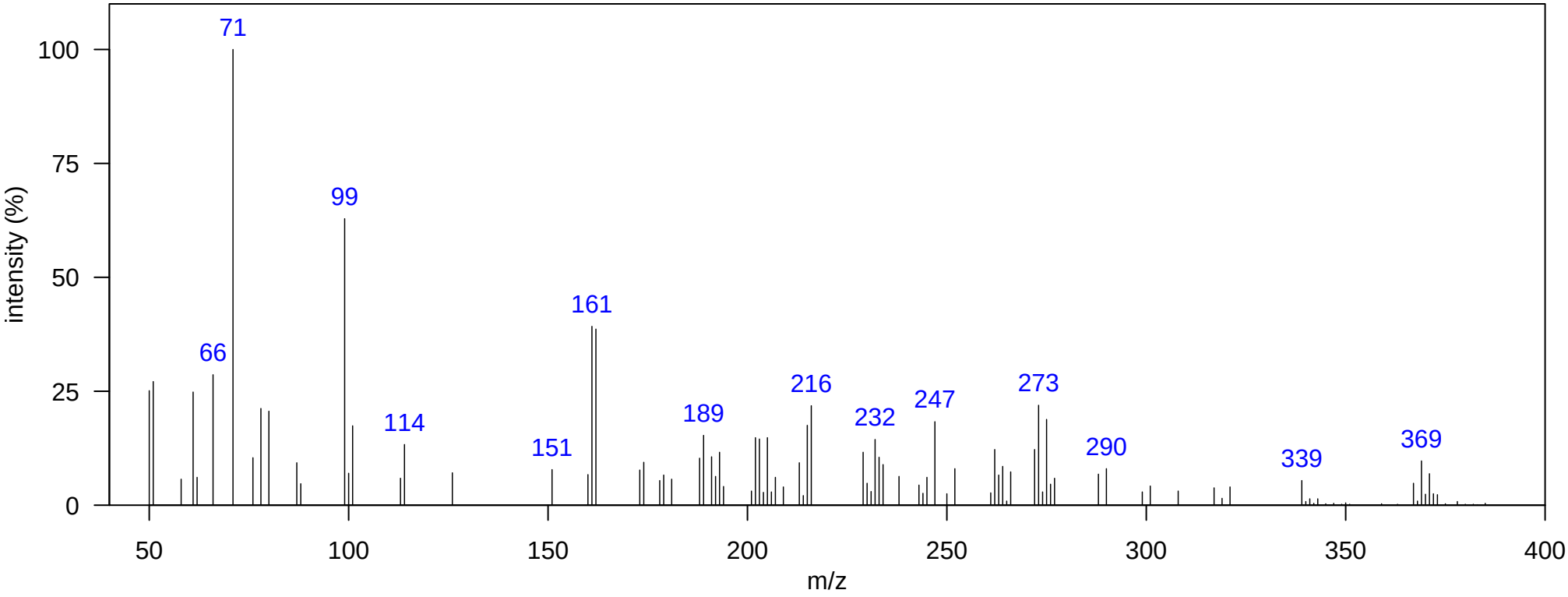


Name: Unknown−17 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1296.1 , 0.917

Comment:

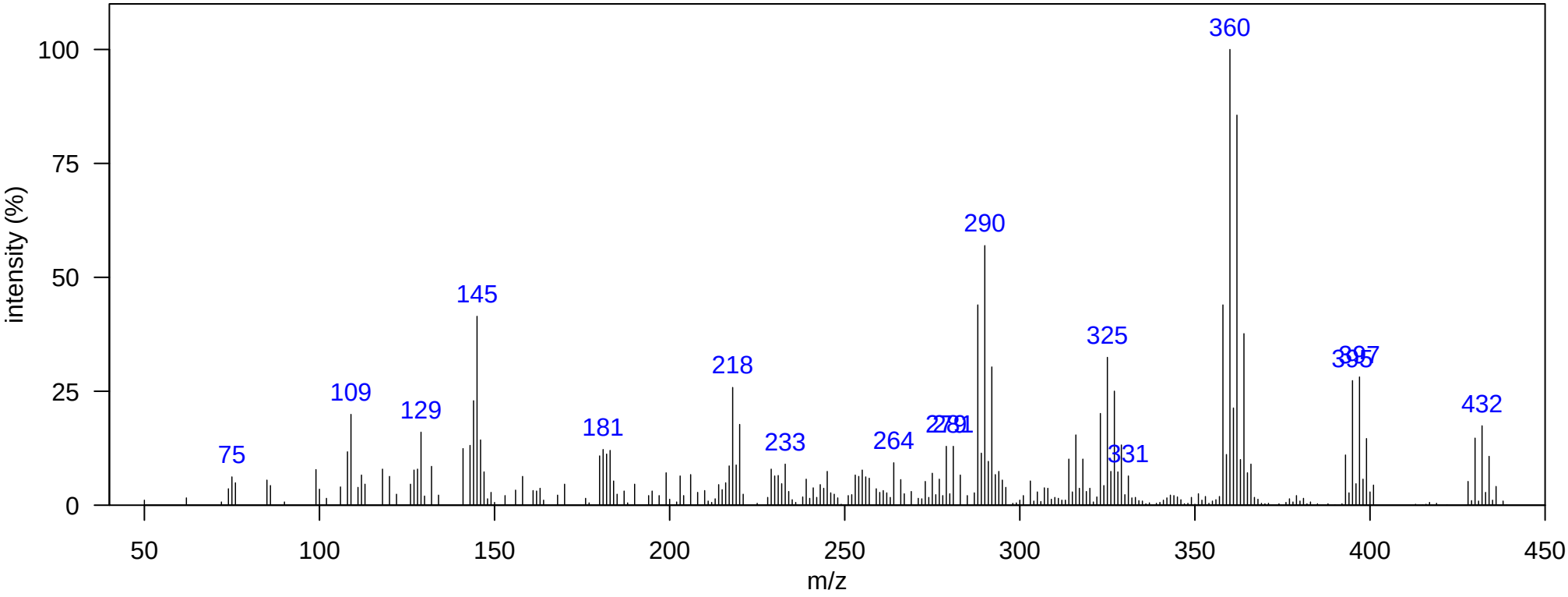


Name: Unknown−19 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1376.56 , 0.990

Comment: PCB interference

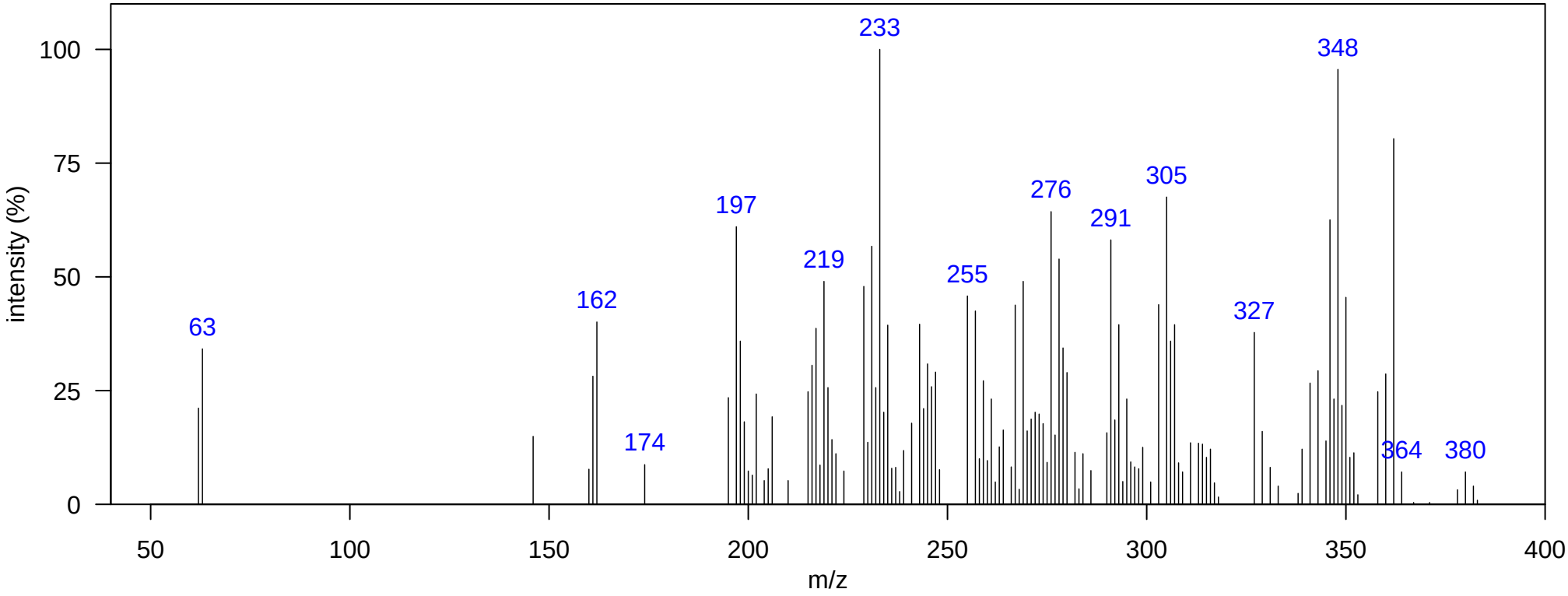


Name: Unknown−21 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1450.01 , 1.069

Comment:

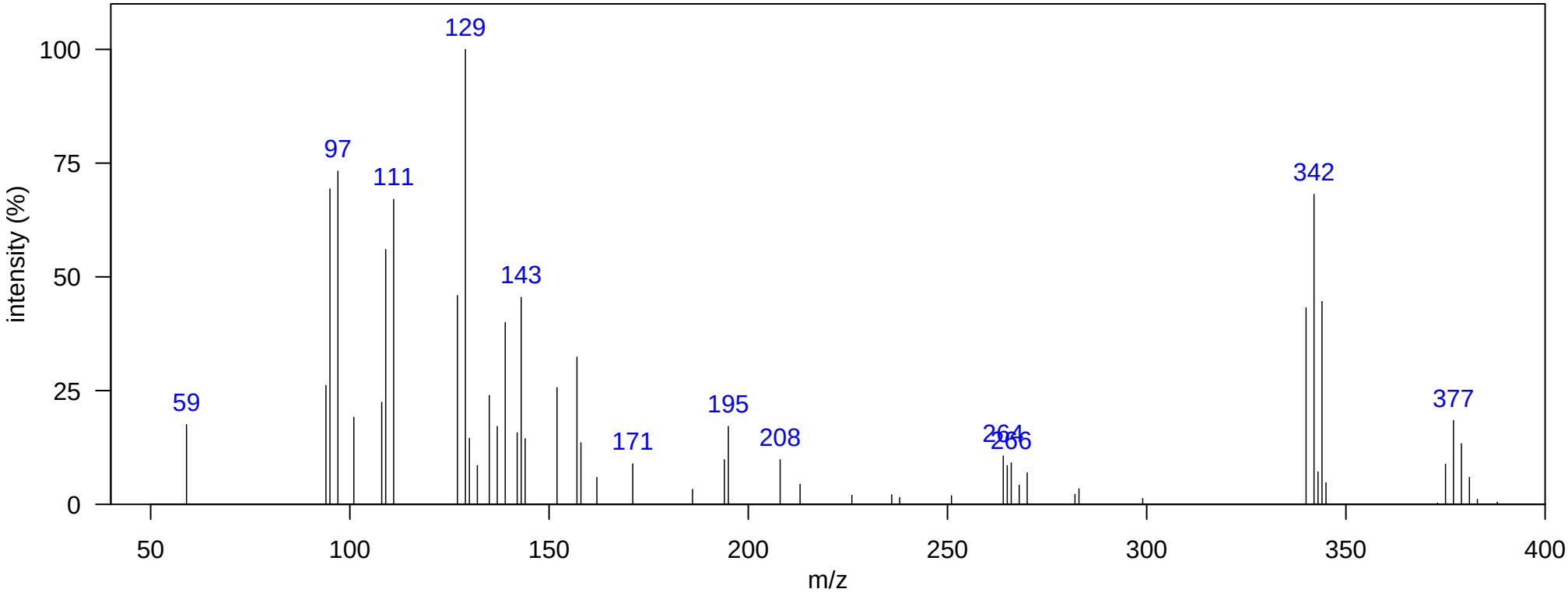


Name: Unknown−22 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1446.52 , 1.063

Comment:

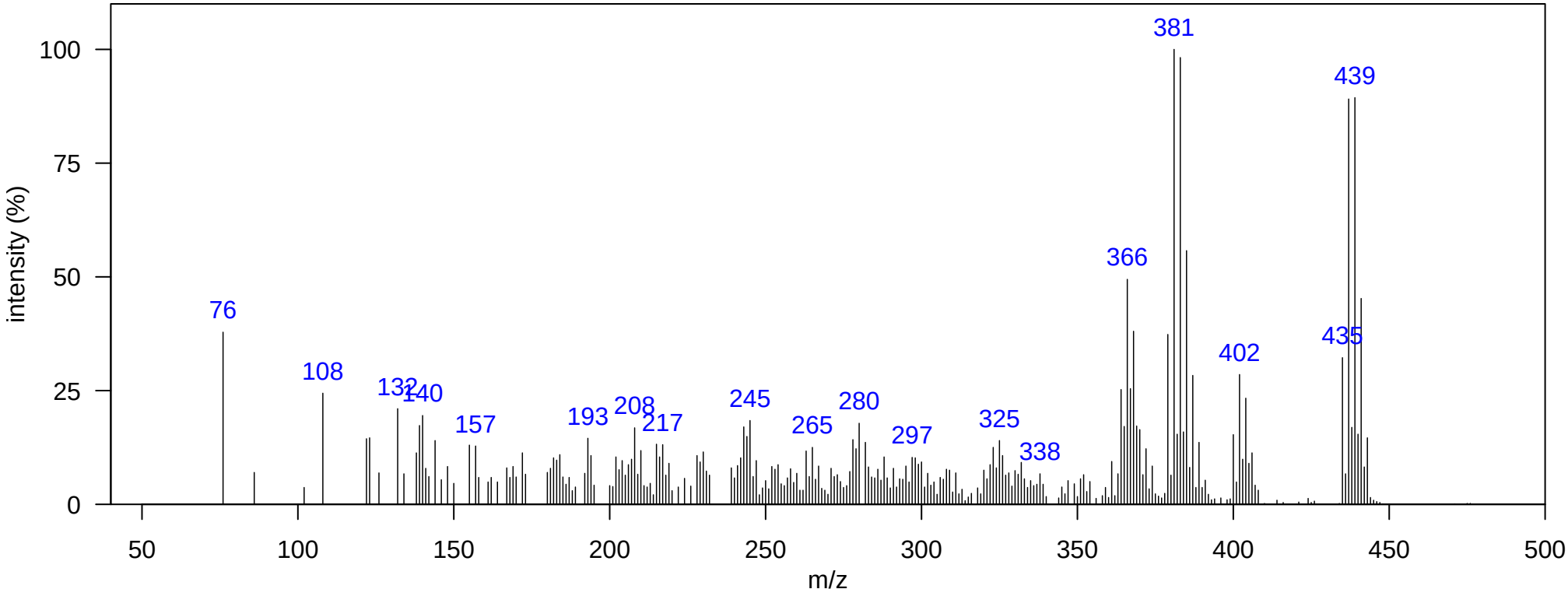


Name: Unknown−34 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1530.47 , 1.195

Comment:

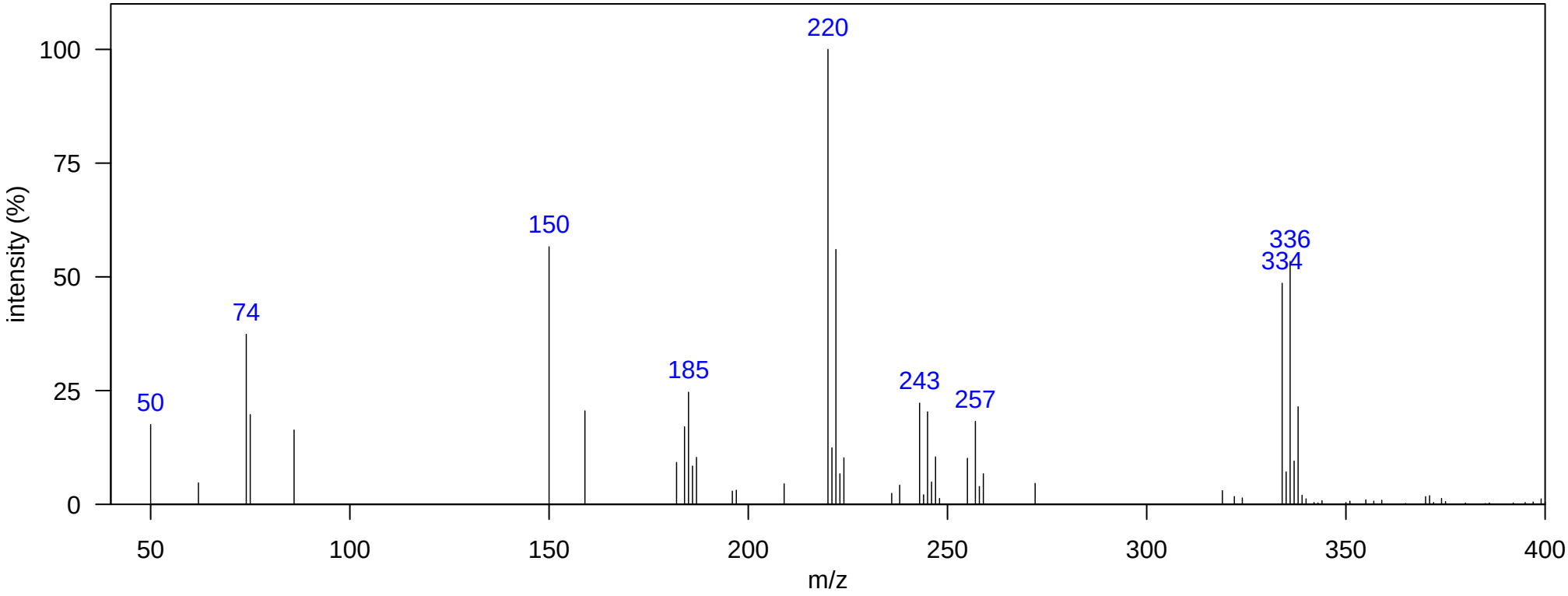


Name: Unknown−36 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1554.95 , 1.300

Comment:

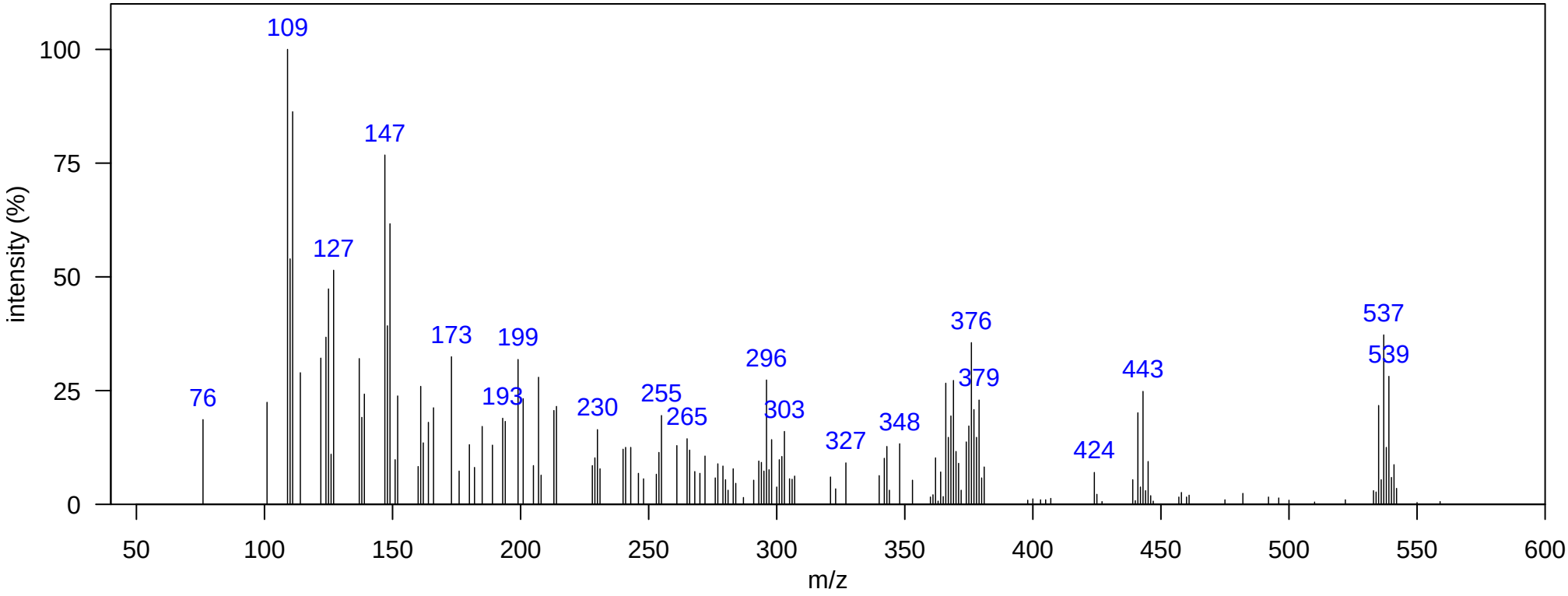


Name: Unknown−38 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1561.95 , 1.274

Comment:

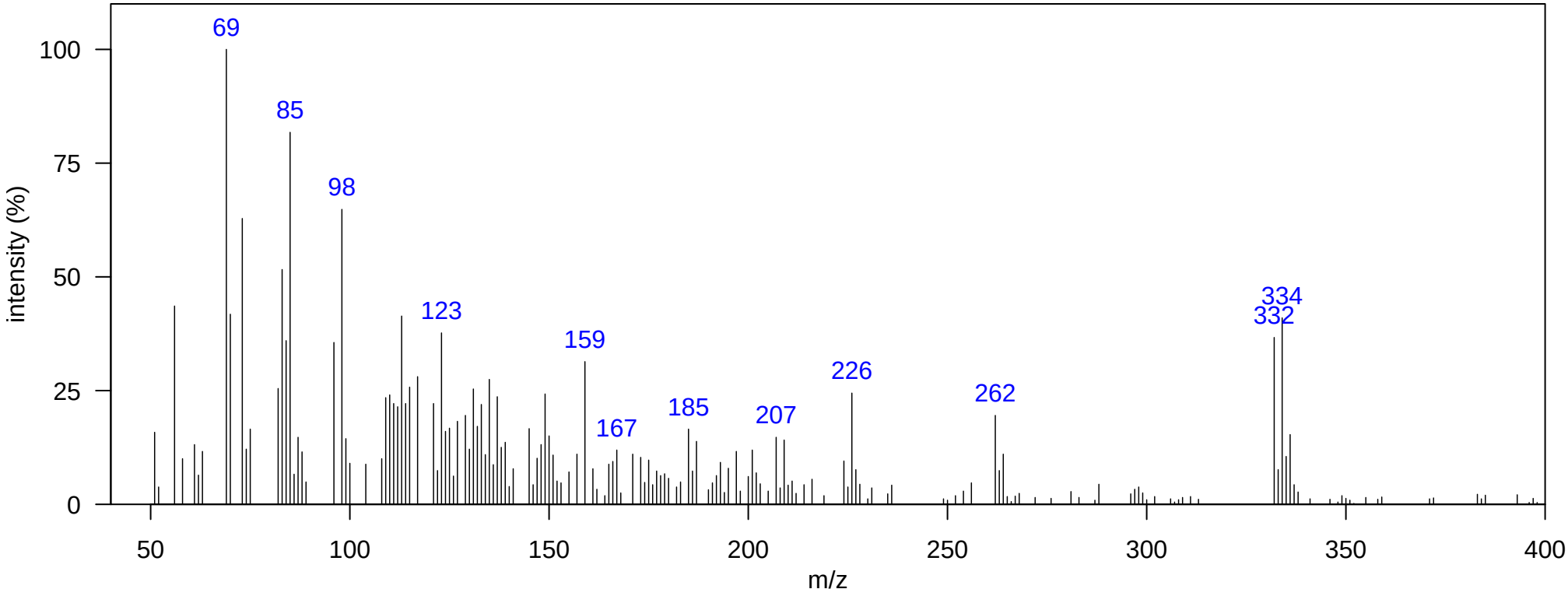


Name: Unknown−39 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1554.95 , 1.267

Comment:

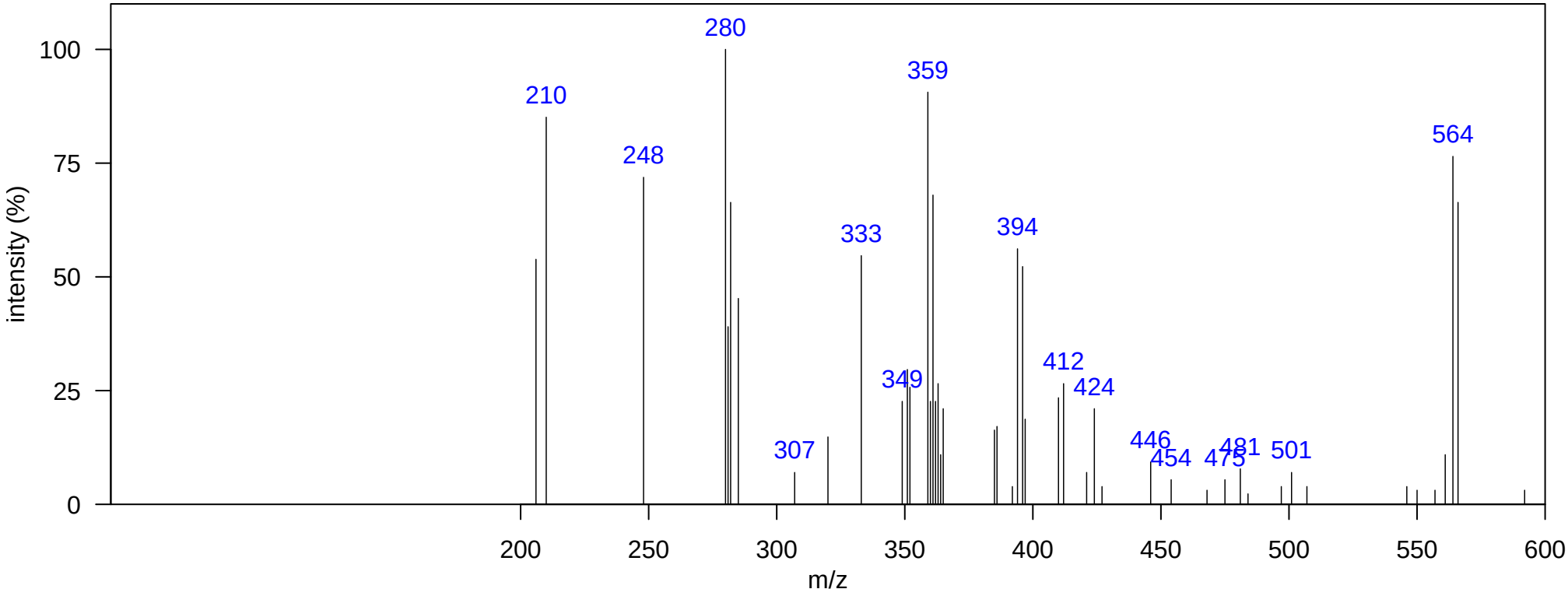


Name: Unknown−44 Class: Unknown

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1624.91 , 1.518

Comment:

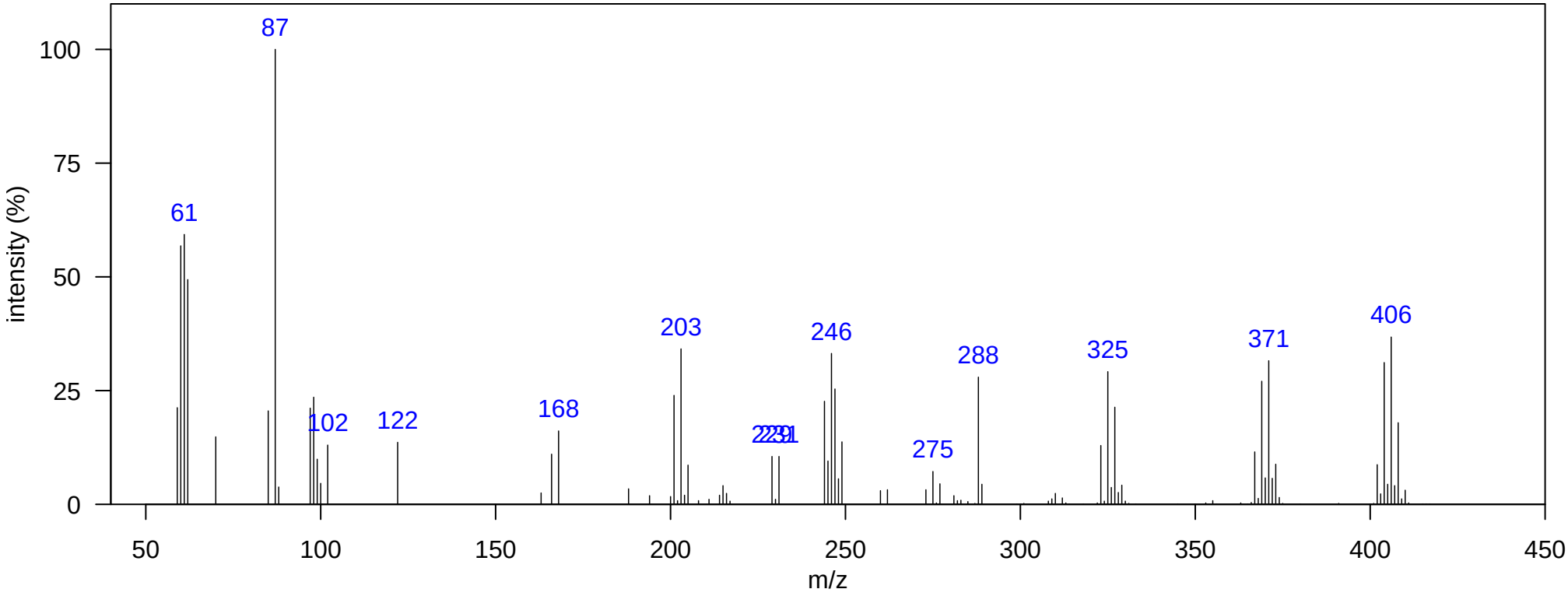


Name: Unknown−3−1 Class: Unknown−3

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1240.13 , 1.010

Comment:

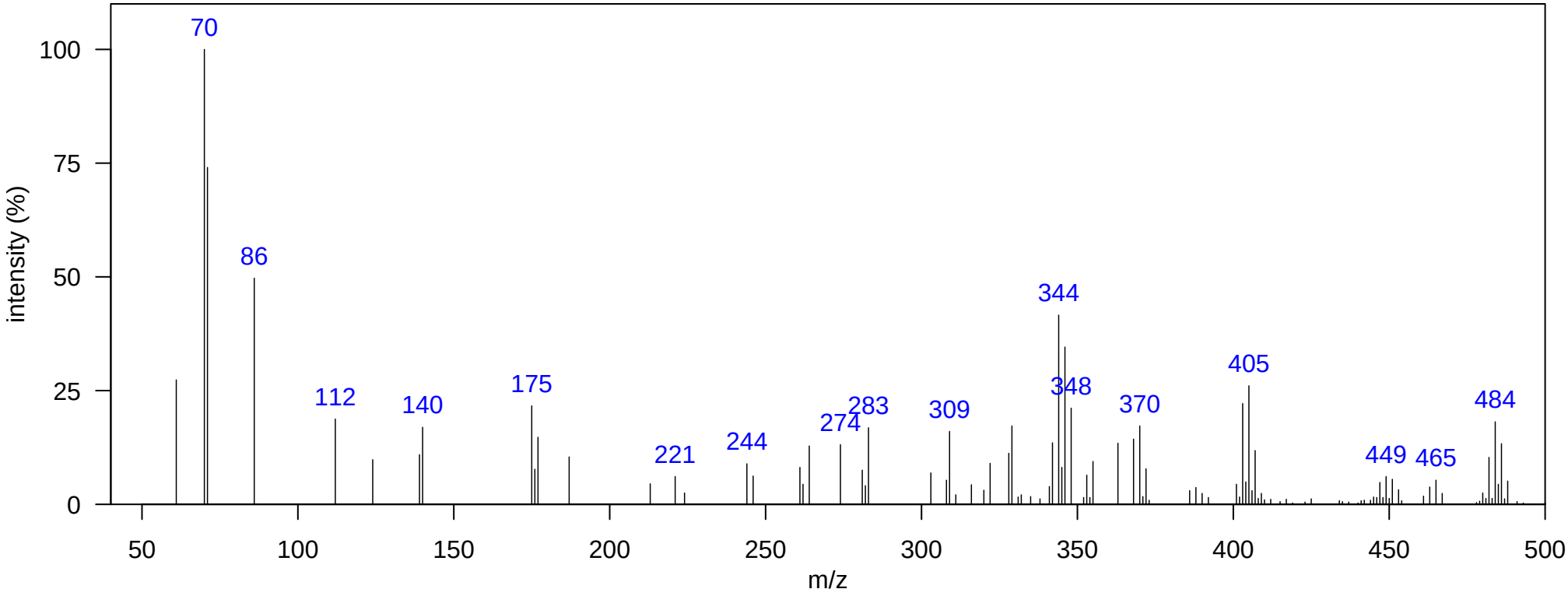


Name: Unknown−3−3 Class: Unknown−3

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1411.54 , 1.142

Comment:

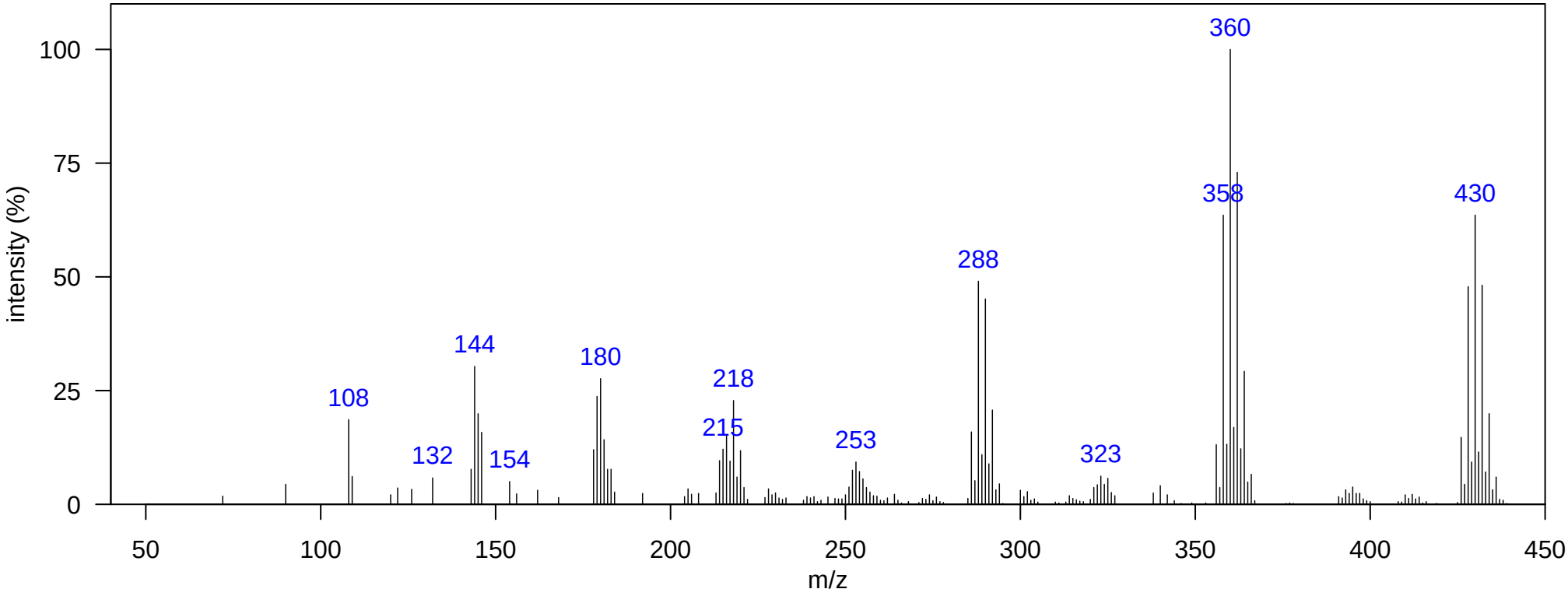


Name: Unknown−4−2 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1495.49 , 1.056

Comment: PCB interference − ions 412 and 340 belong to unknown−4−2

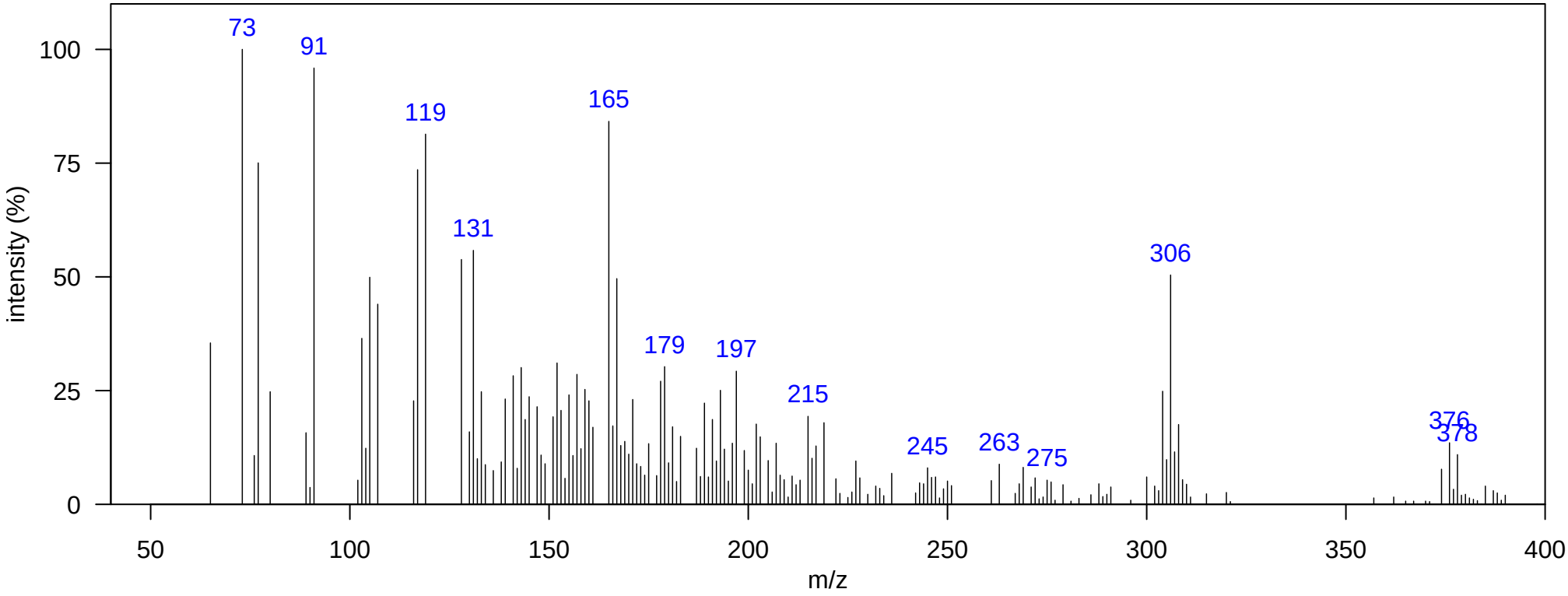


Name: Unknown−4−3 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1415.03 , 0.997

Comment:

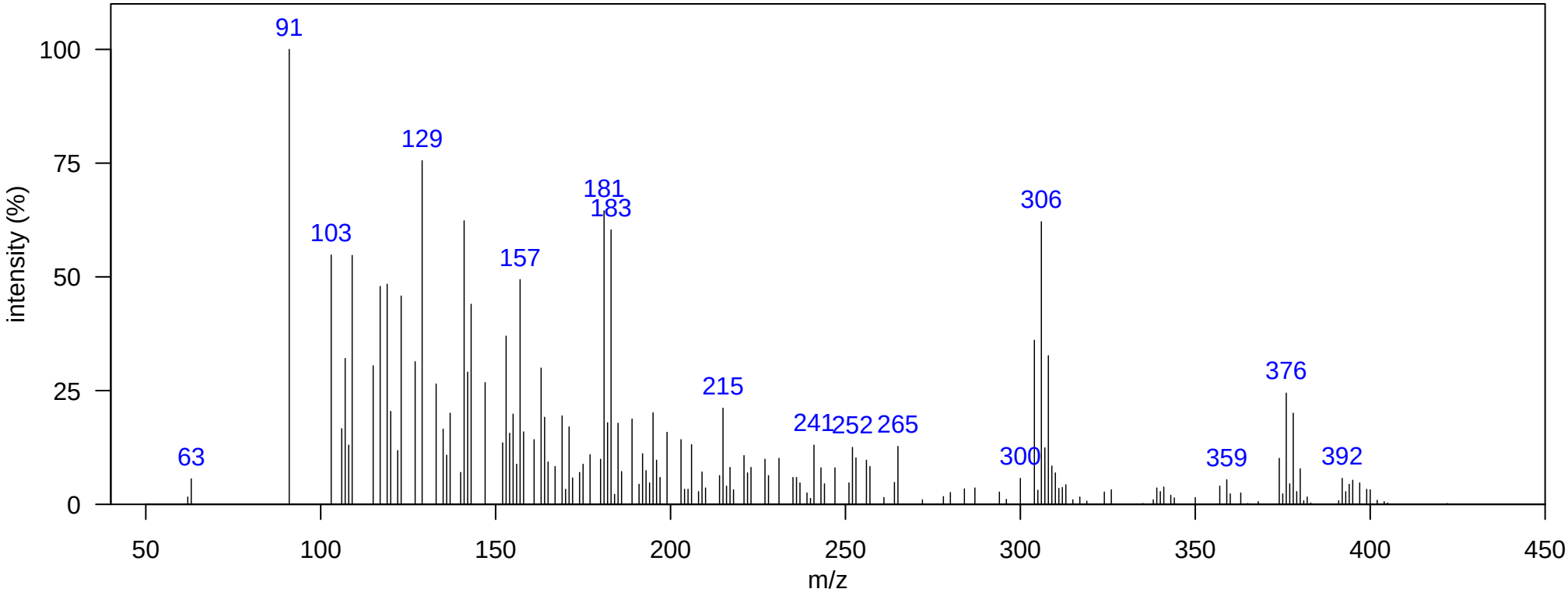


Name: Unknown−4−5 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1450.01 , 1.069

Comment:

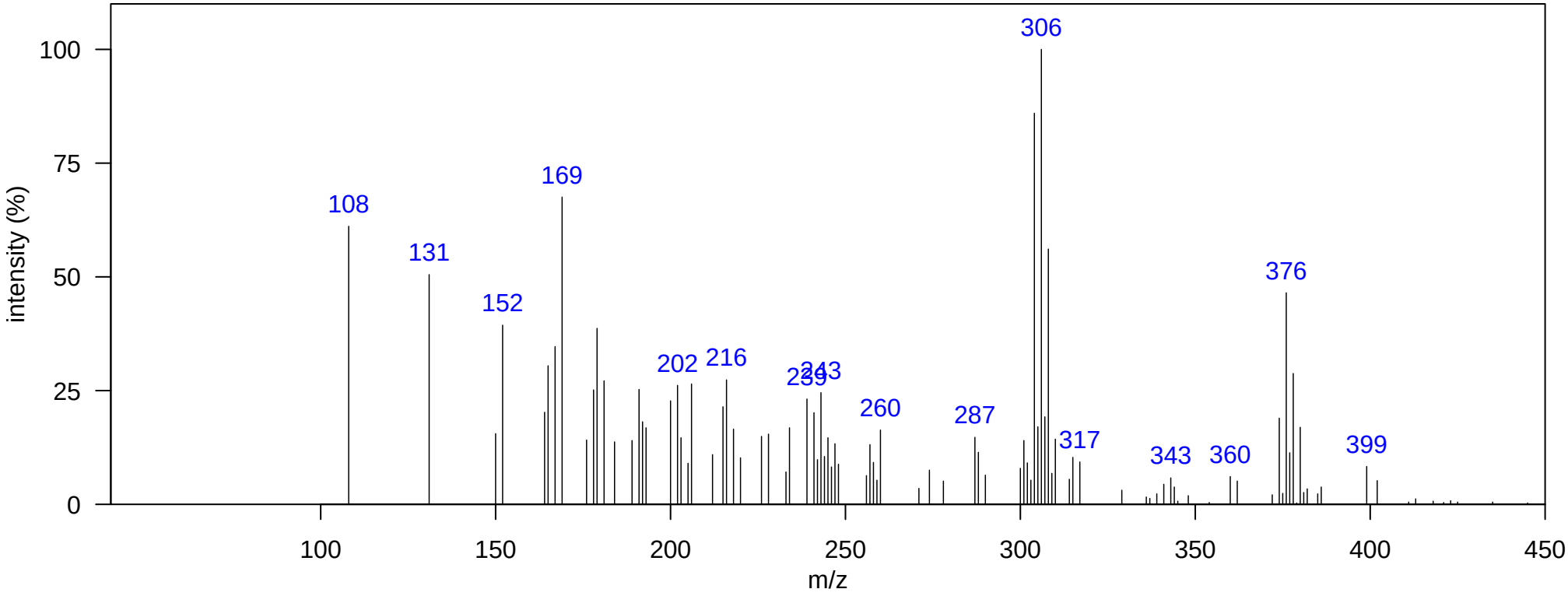


Name: Unknown−4−7 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1488.49 , 1.056

Comment:

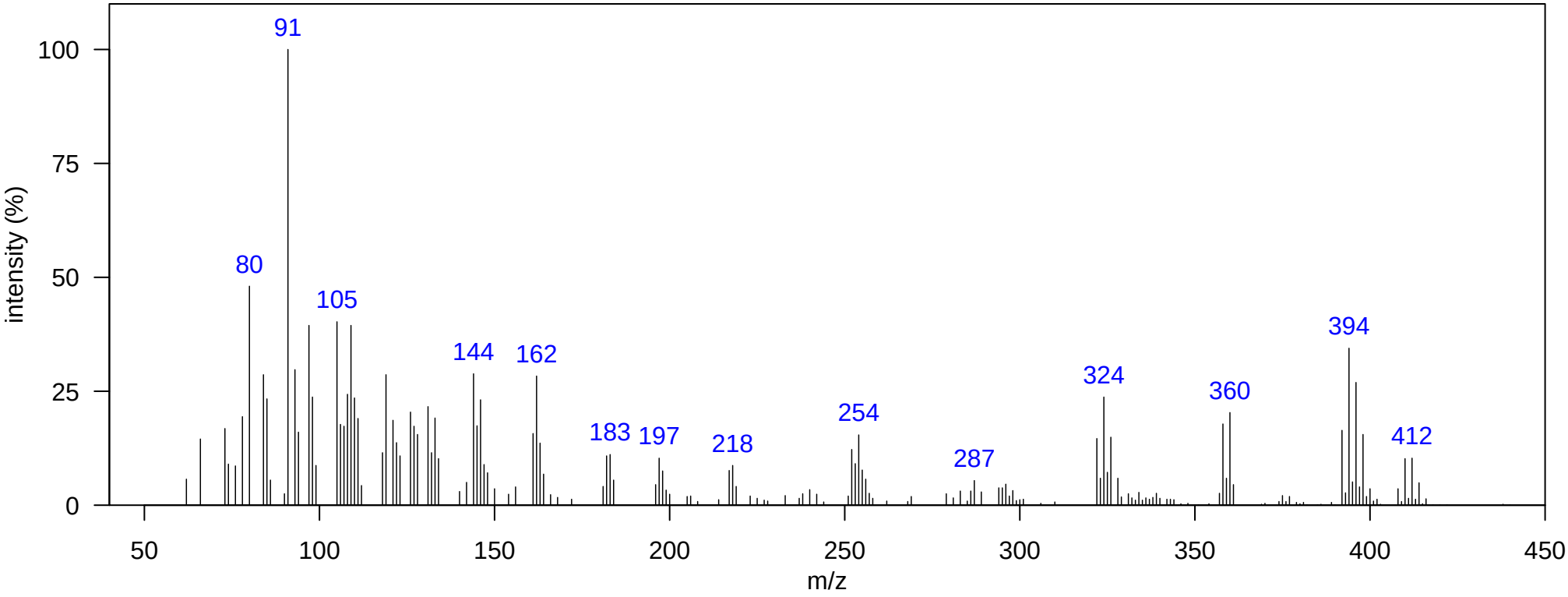


Name: Unknown−4−8 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1429.03 , 1.036

Comment: PCB interference

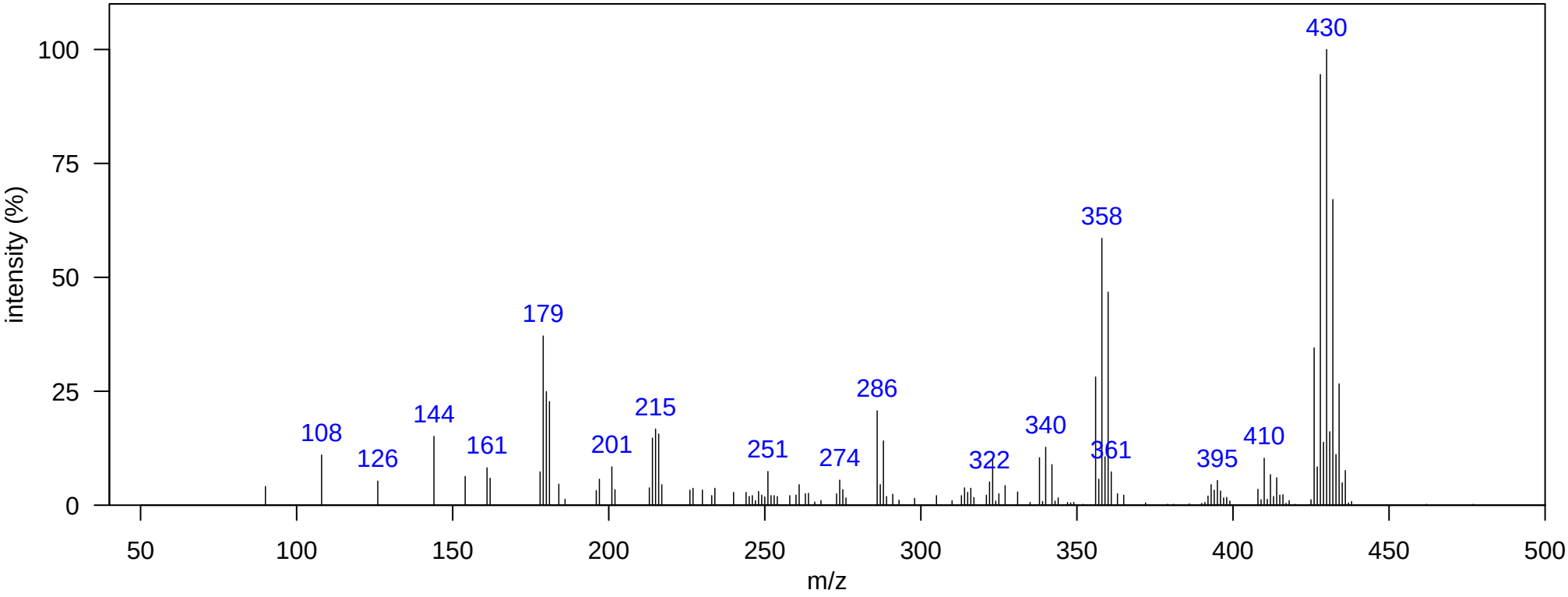


Name: Unknown−4−10 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1495.49 , 1.036

Comment: PCB interference − ions 410 and 340 belong to unknown−4−10

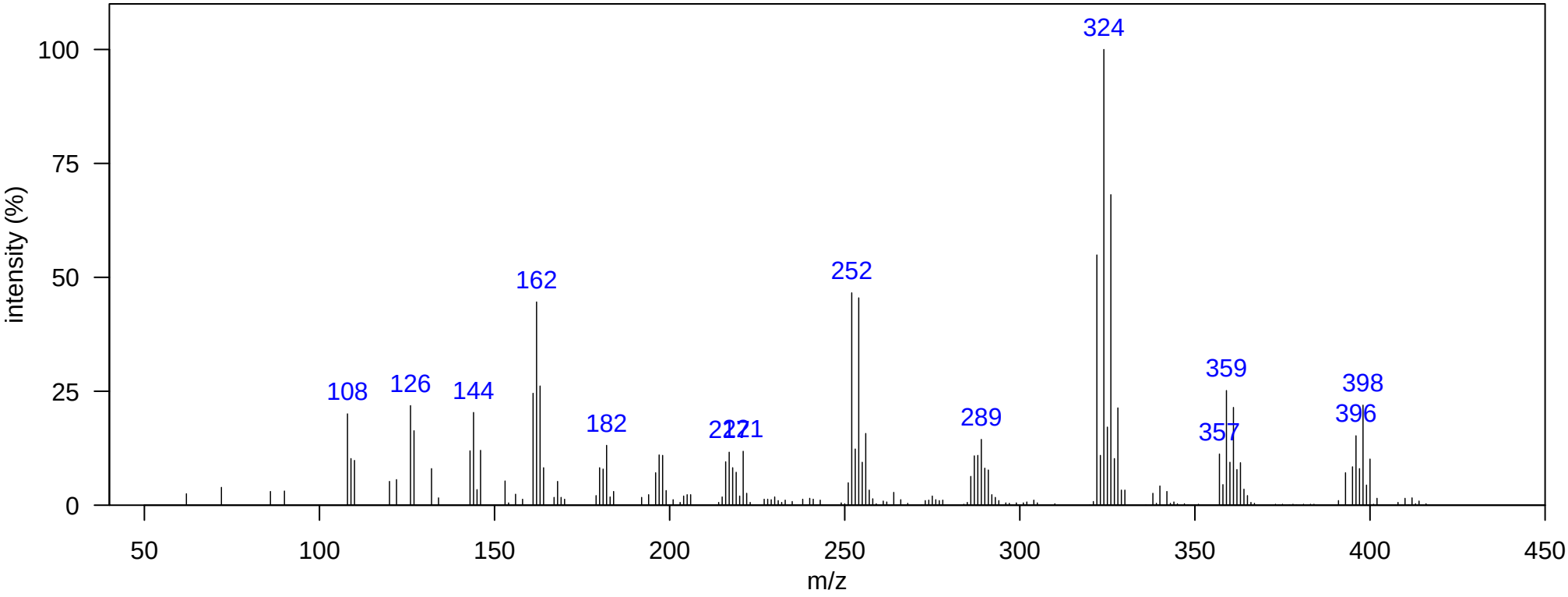


Name: Unknown−4−11 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1509.48 , 1.036

Comment: PCB interference − ions 412 and 340 belong to unknown−4−11

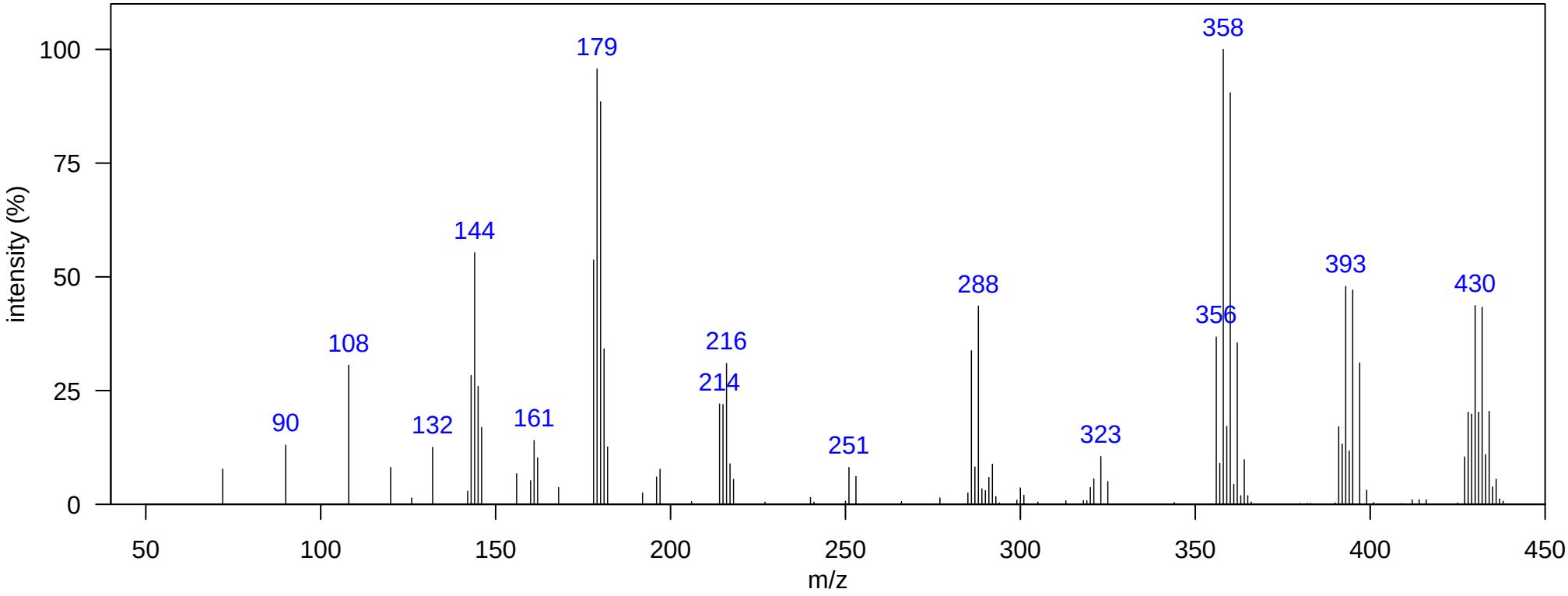


Name: Unknown−4−12 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1547.96 , 1.129

Comment: Interference from other compounds, ion 412 belongs to unknown−4−12

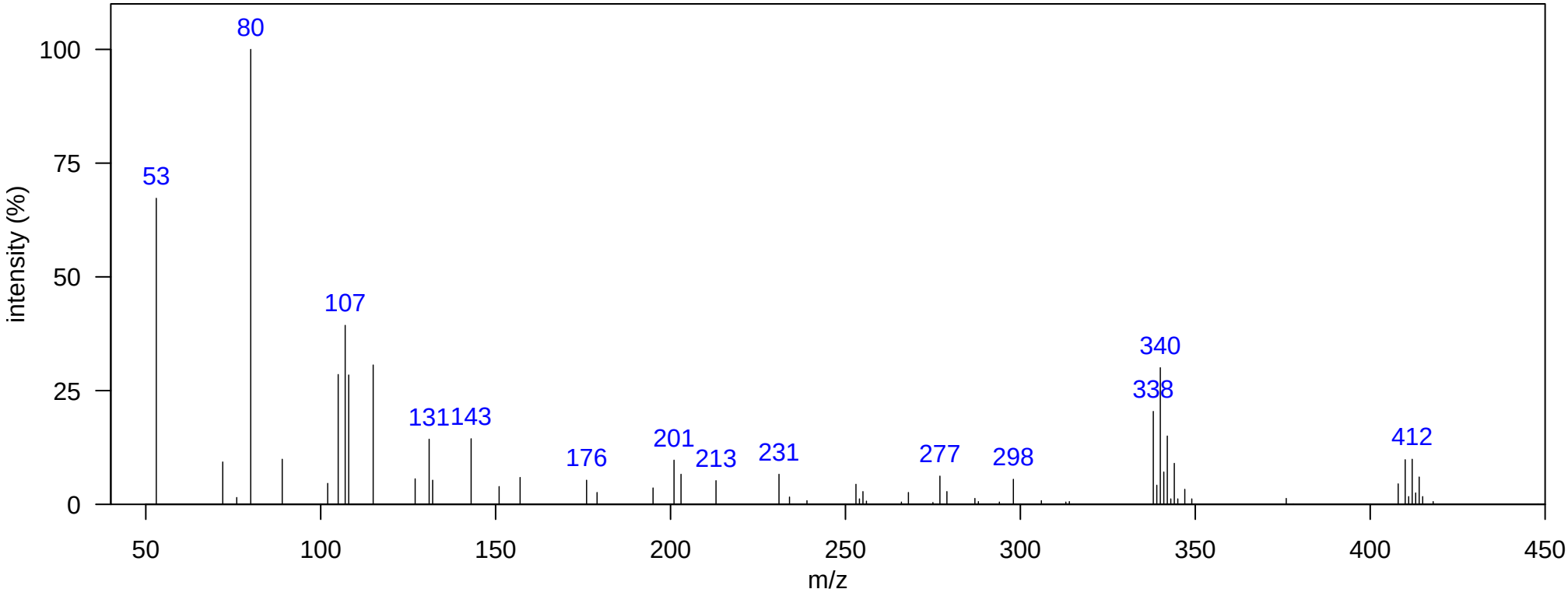


Name: Unknown−4−13 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1568.95 , 1.228

Comment:

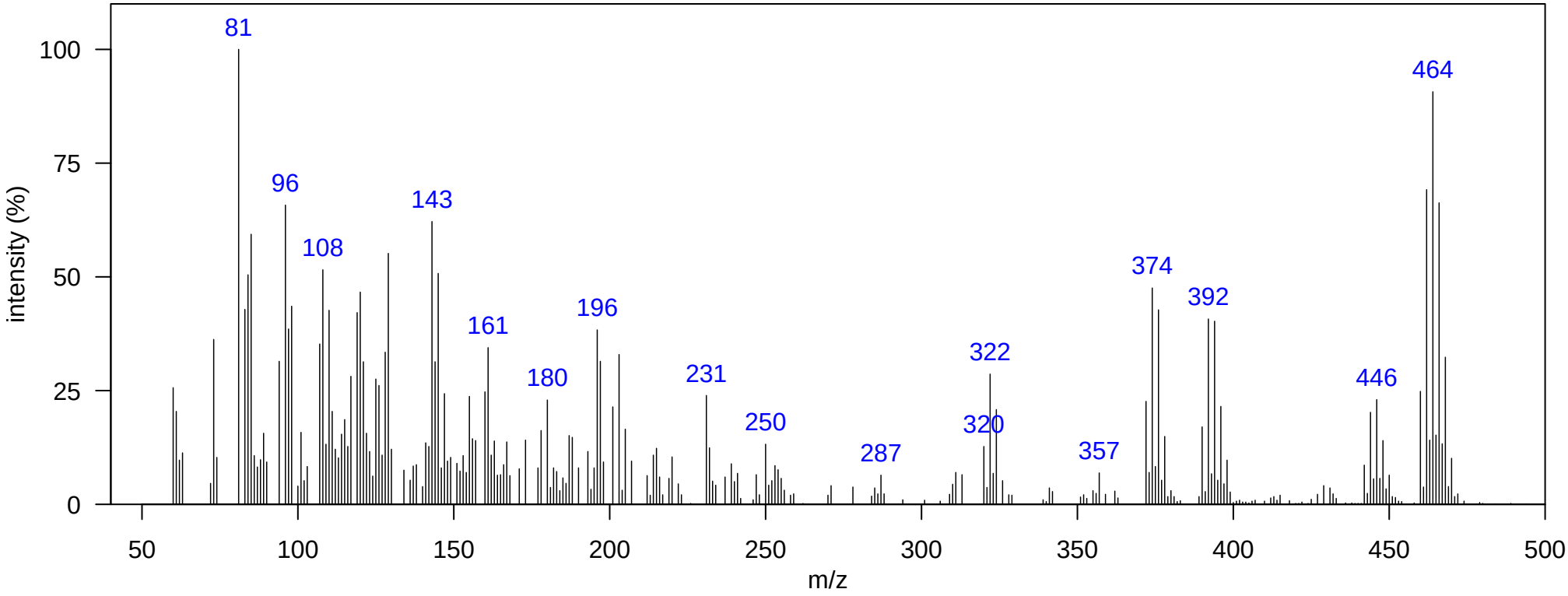


Name: Unknown−4−14 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1593.43 , 1.287

Comment: PCB interference − ions 446 and 374 belong to unknown−4−14

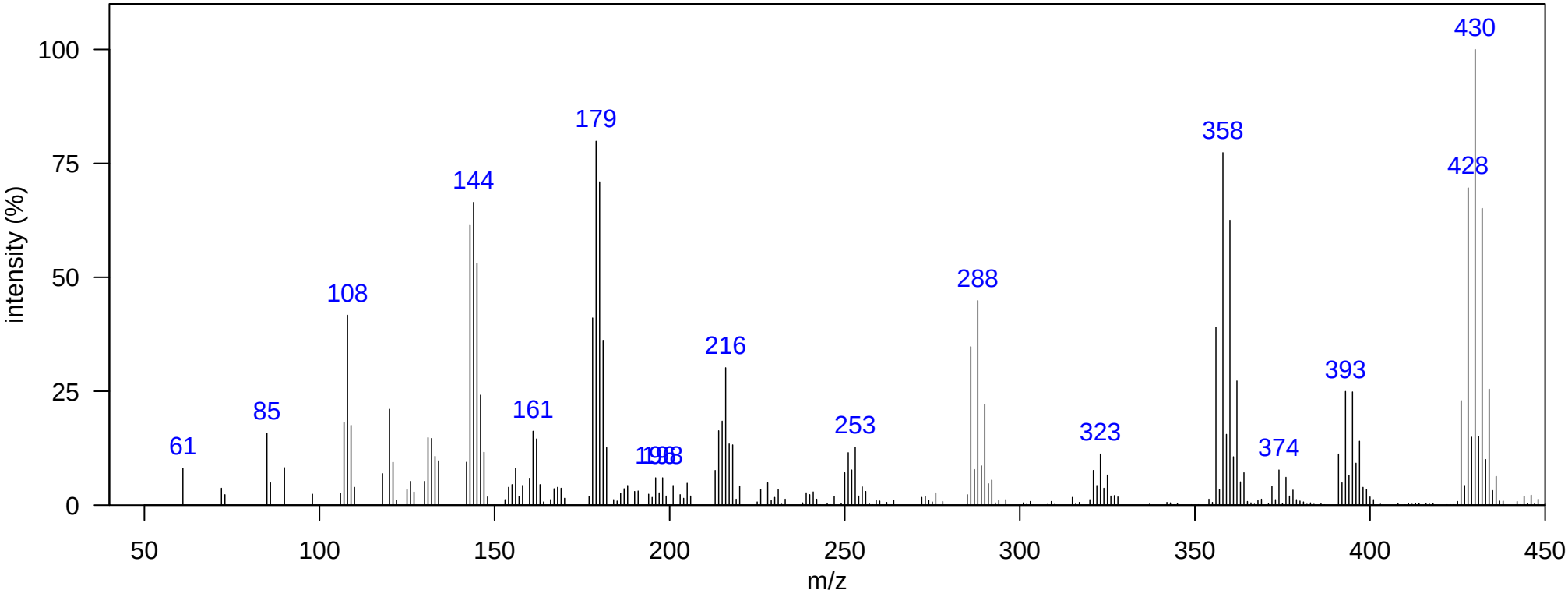


Name: Unknown−4−16 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1617.92 , 1.353

Comment: PCB interference − ions 446 and 374 belong to unknown−4−16

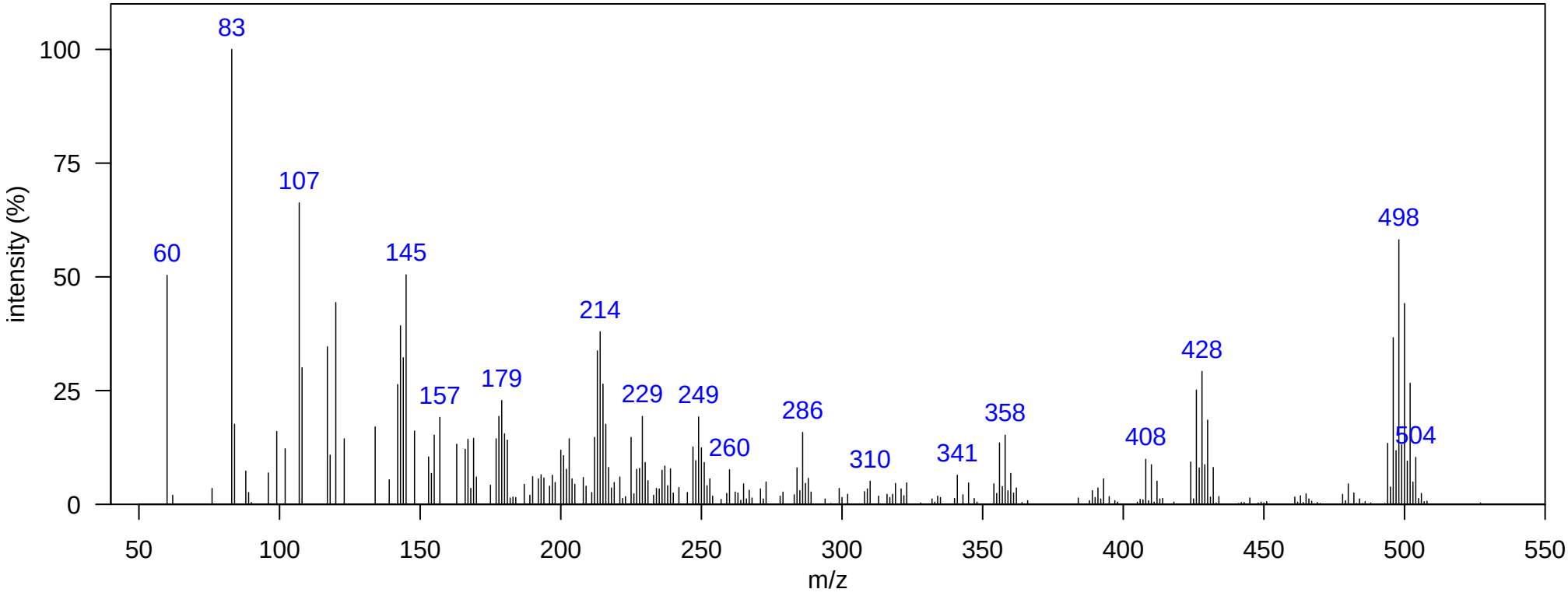


Name: Unknown−4−17 Class: Unknown−4

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1712.36 , 1.426

Comment: PCB interference − ions 408 and 480 belong to unknown−4−17

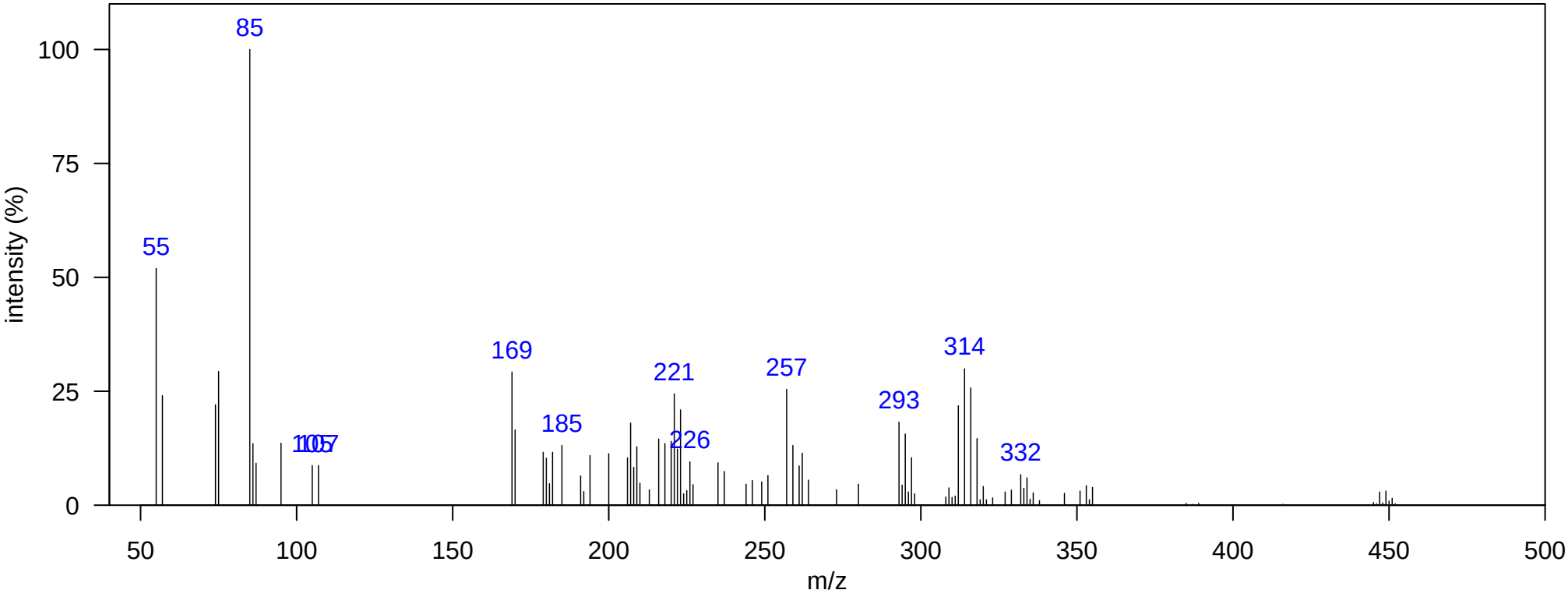


Name: Unknown−5−1 Class: Unknown−5

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1460.51 , 1.089

Comment:

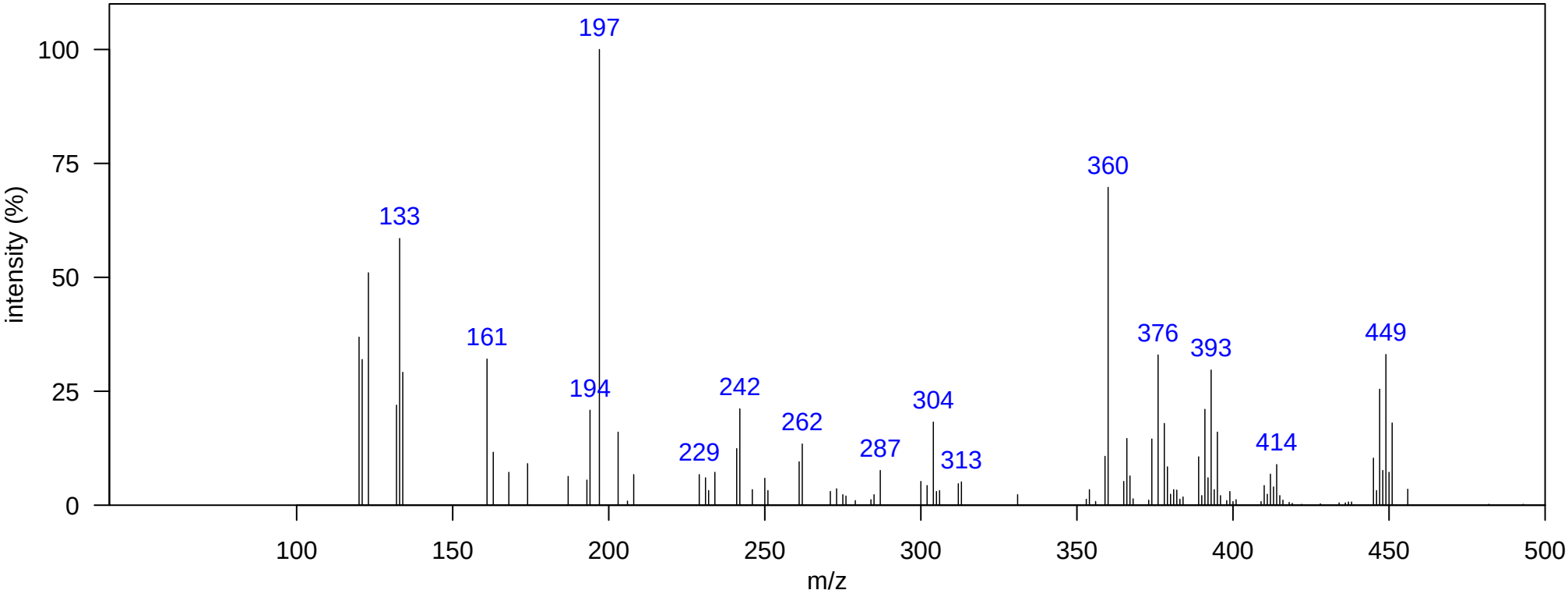


Name: Unknown−5−2 Class: Unknown−5

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1467.5 , 1.267

Comment:

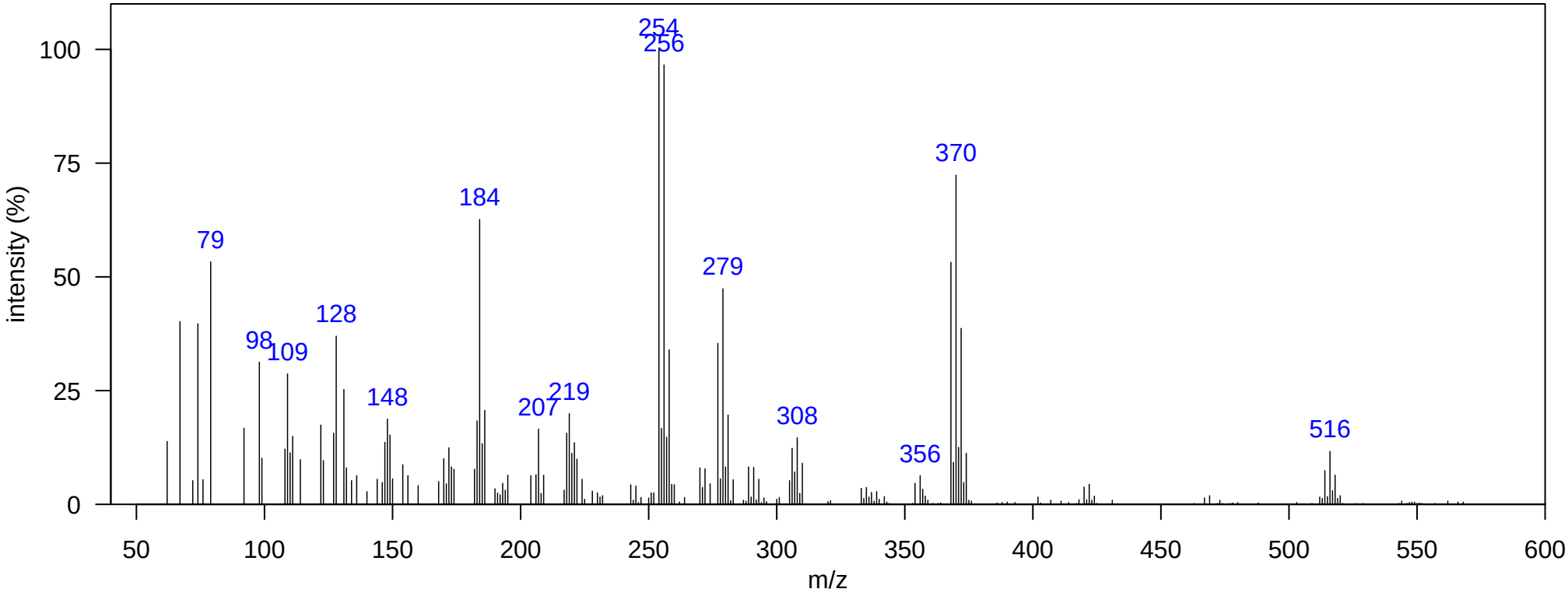


Name: Unknown−6−1 Class: Unknown−6

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1582.94 , 1.373

Comment:

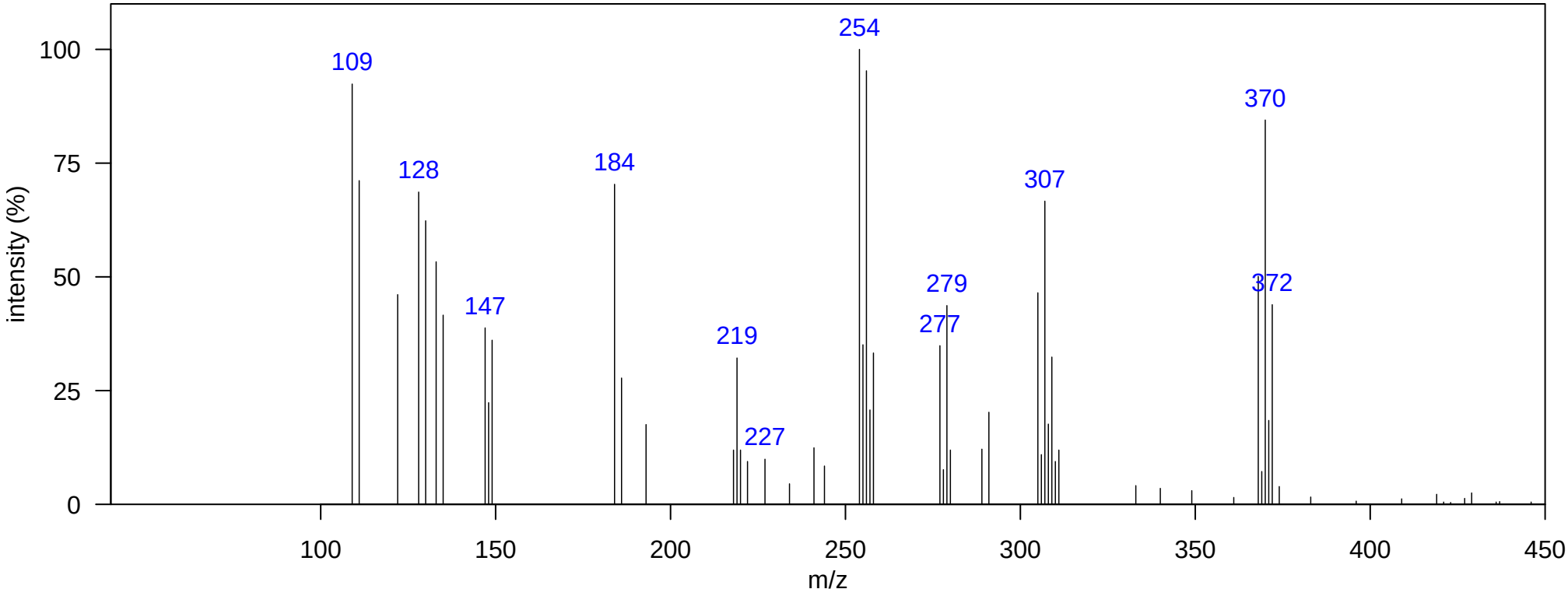


Name: Unknown−6−2 Class: Unknown−6

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1600.43 , 1.445

Comment:

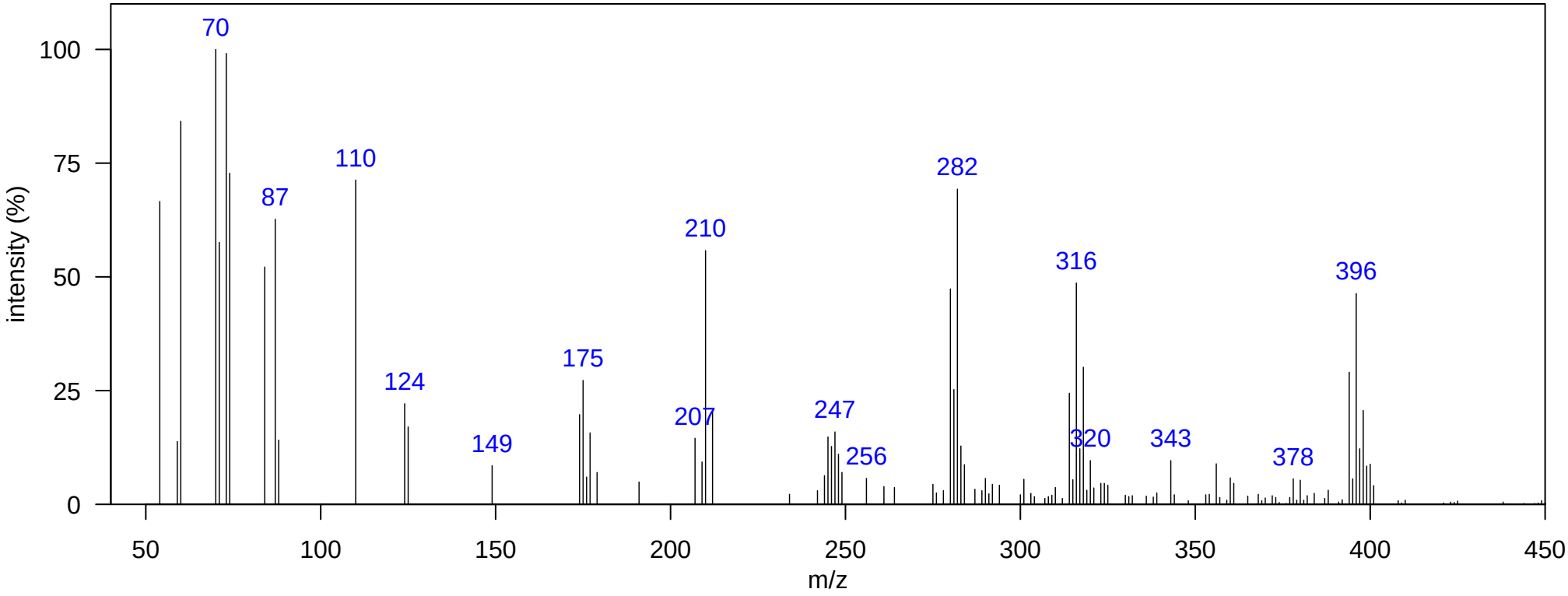


Name: Unknown−7−1 Class: Unknown−7

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1649.4 , 1.538

Comment:

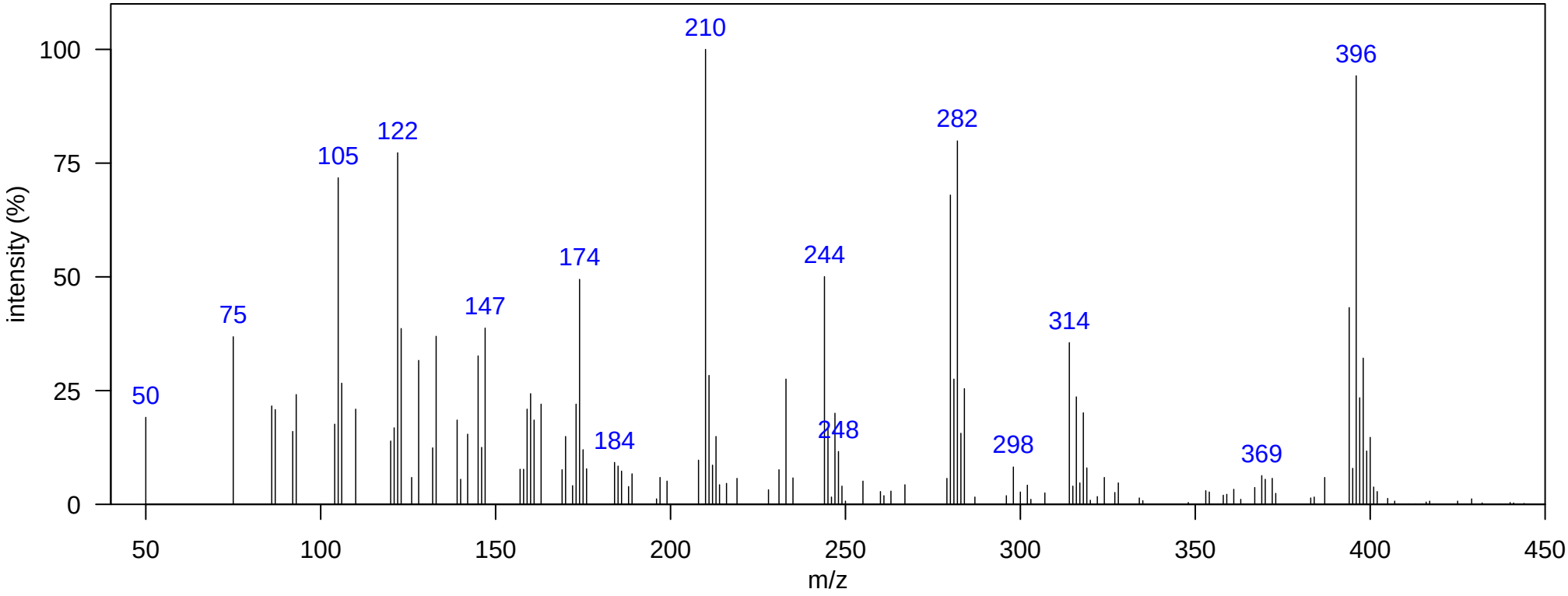


Name: Unknown−7−2 Class: Unknown−7

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1705.37 , 1.690

Comment:

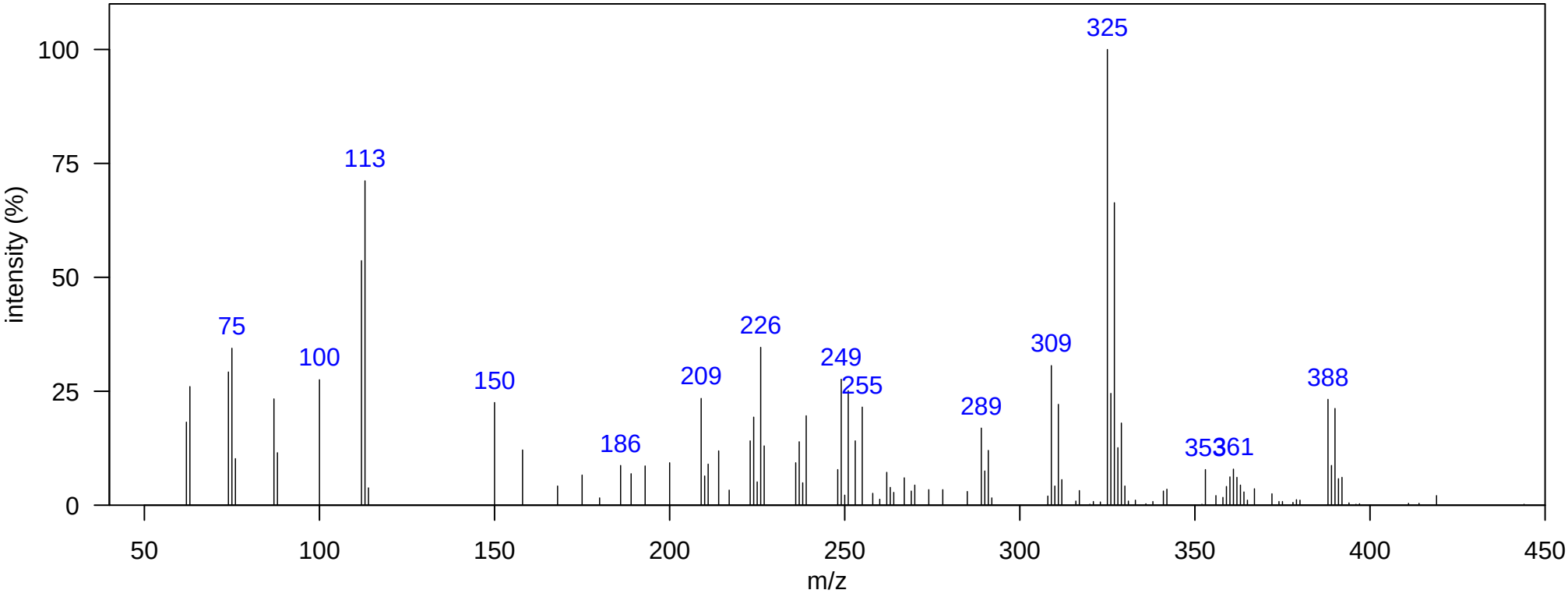


Name: Unknown−8−1 Class: Unknown−8

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1663.39 , 1.637

Comment:



Name: Unknown−8−2 Class: Unknown−8

Matrix: Marine Mammal Blubber
In Bottlenose Dolphin: TRUE

Instrument: GCxGC−TOF, EI Mode
1D RT, 2D RT (s): 1691.38 , 1.591

Comment: