Brazilian Bottlenose Dolphin Blubber

Non−targeted screening of halogenated organic compounds in
bottlenose dolphins (Tursiops truncatus) from Rio de Janeiro, Brazil.

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

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SpecLibDolphin2016 version 0.1
OrgMassSpecR version 0.4−4
png version 0.1−7
R version 3.3.0 (2016−05−03)

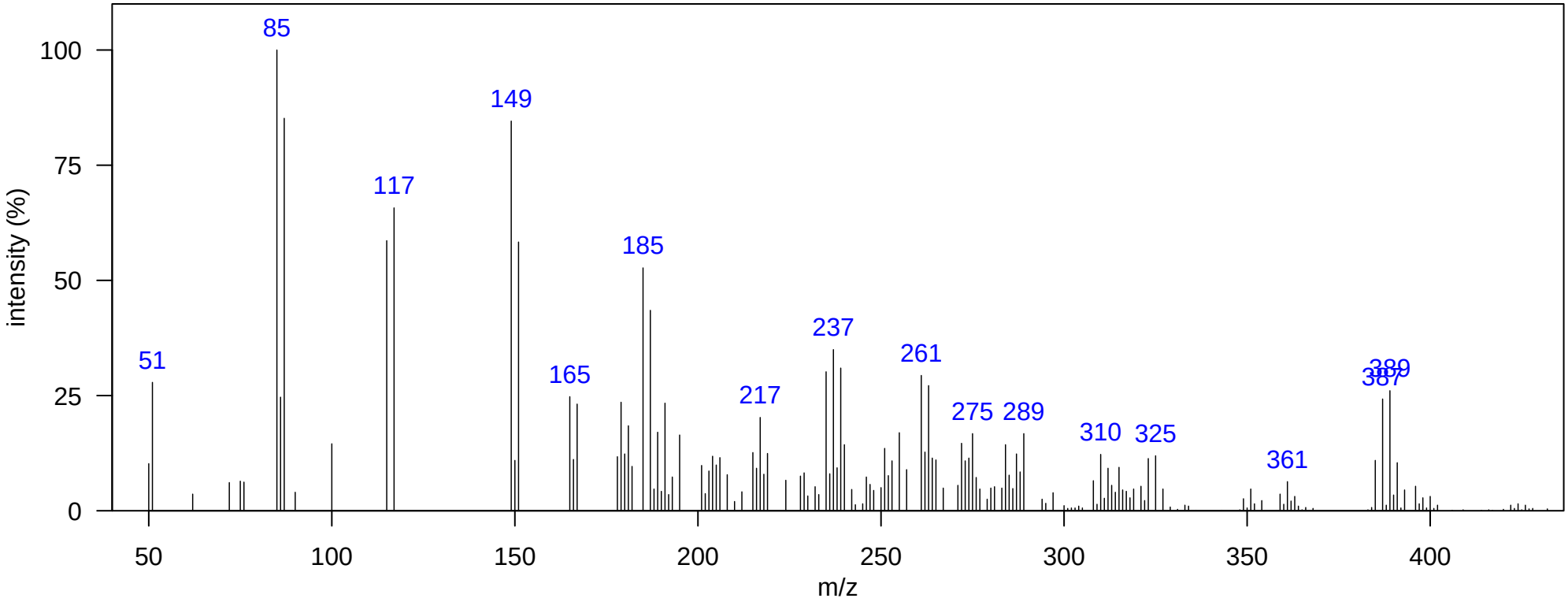
Name: oxychlordane

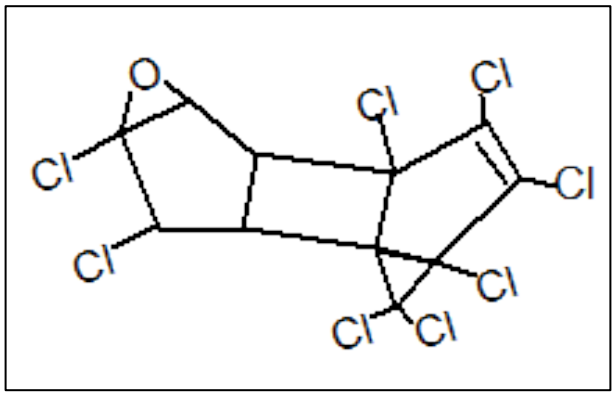
Class: Chlordane−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1303.1, 0.944
Quantitative Ion m/z: 389

Elemental Formula: C10H4Cl8O
Source: anthropogenic
Identification: Reference Database MS





m/z [Fragment]
235 [C5Cl5]+
261 [C7H2Cl5]+
349 [M−HCl2]+
385 [M−Cl]+
420 M+

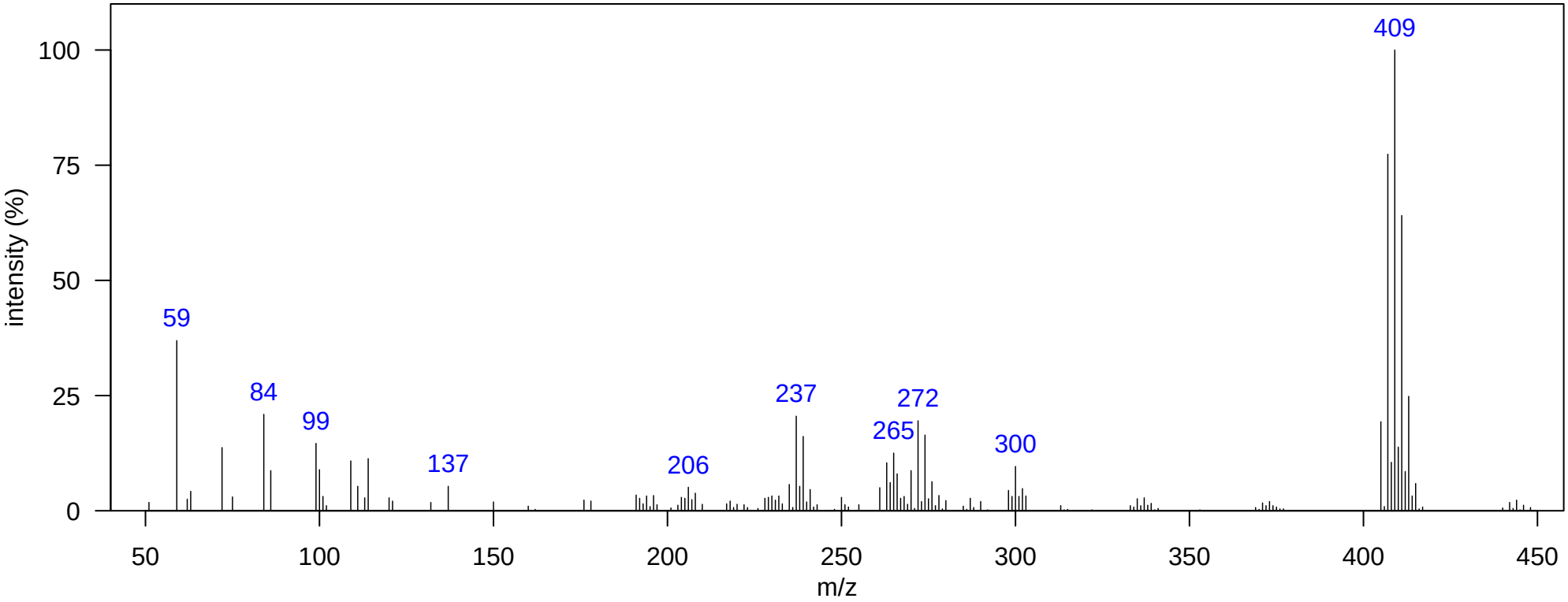
Name: trans nonachlor

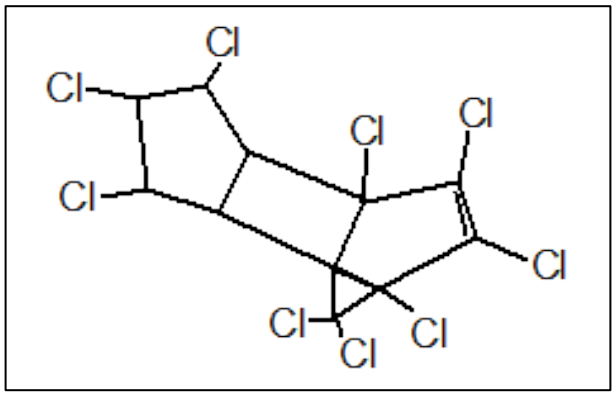
Class: Chlordane−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1352.07, 0.95
Quantitative Ion m/z: 409

Elemental Formula: C10H5Cl9
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
261 [M−H4Cl5]+
409 [M−Cl]+

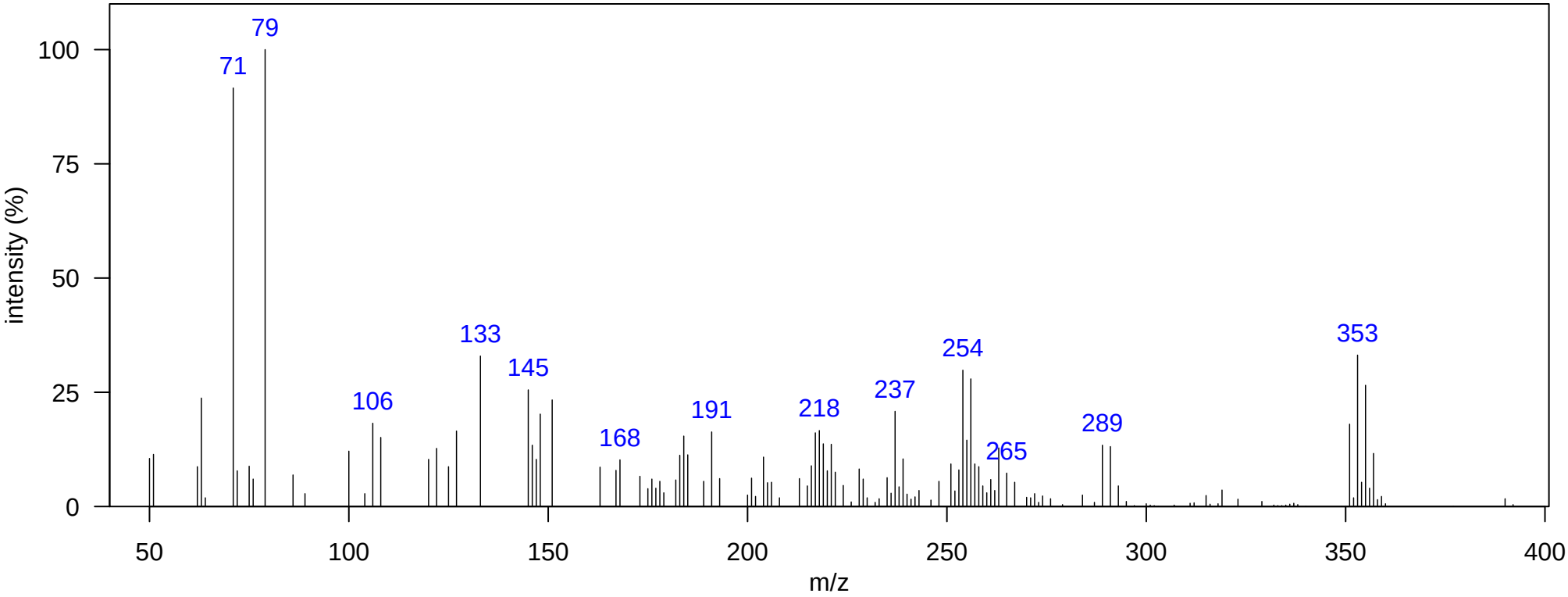
Name: heptachlor epoxide

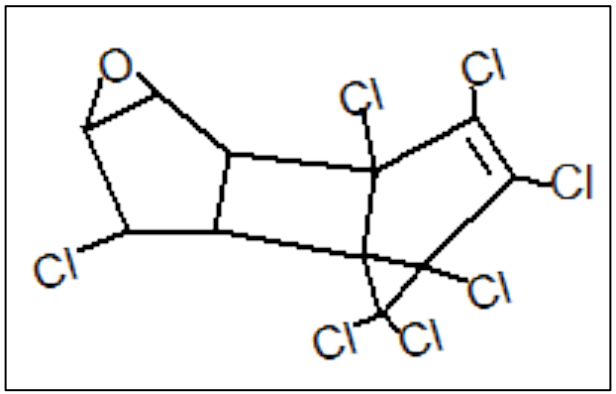
Class: Heptachlor−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1303.1, 0.97
Quantitative Ion m/z: 353

Elemental Formula: C10H5Cl7O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
351 [M−Cl]+

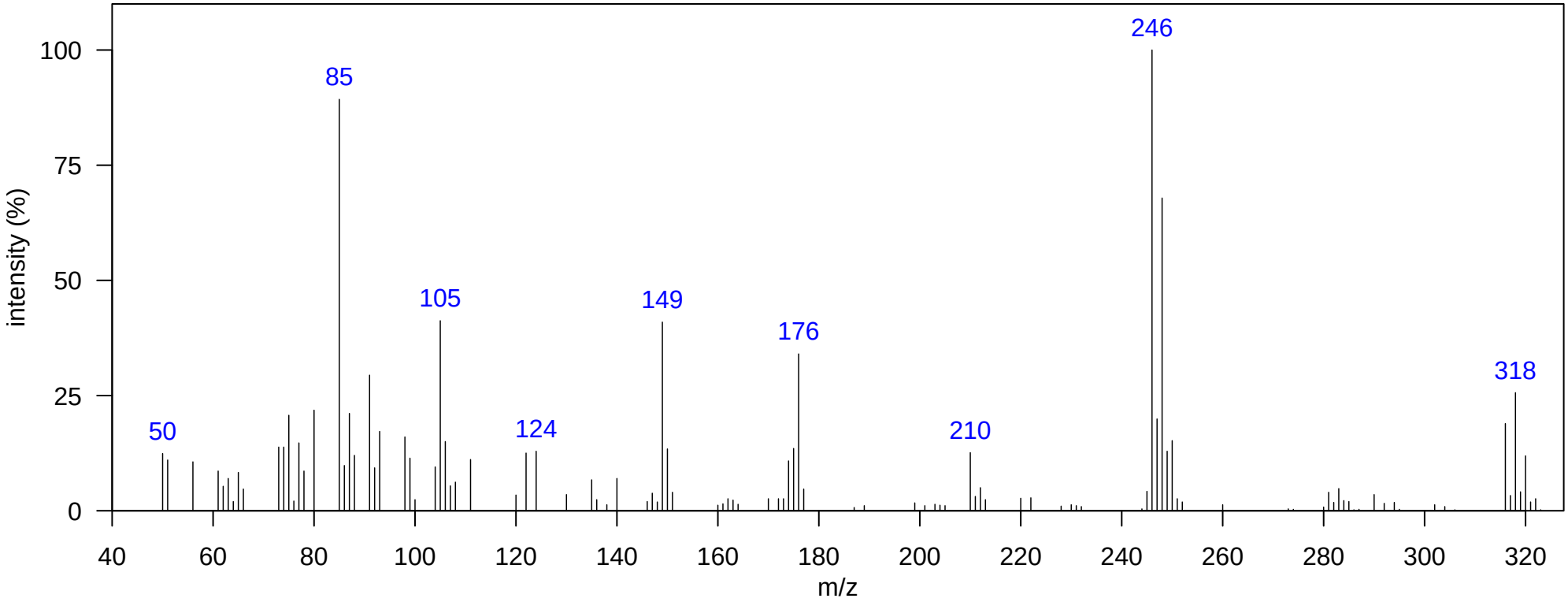
Name: o,p'−DDE

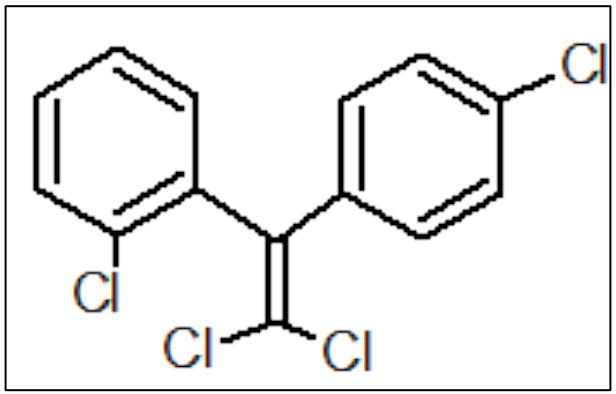
Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1327.58, 0.99
Quantitative Ion m/z: 246

Elemental Formula: C14H8Cl4
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
246 [M−Cl2]+
281 [M−Cl]+
316 M+

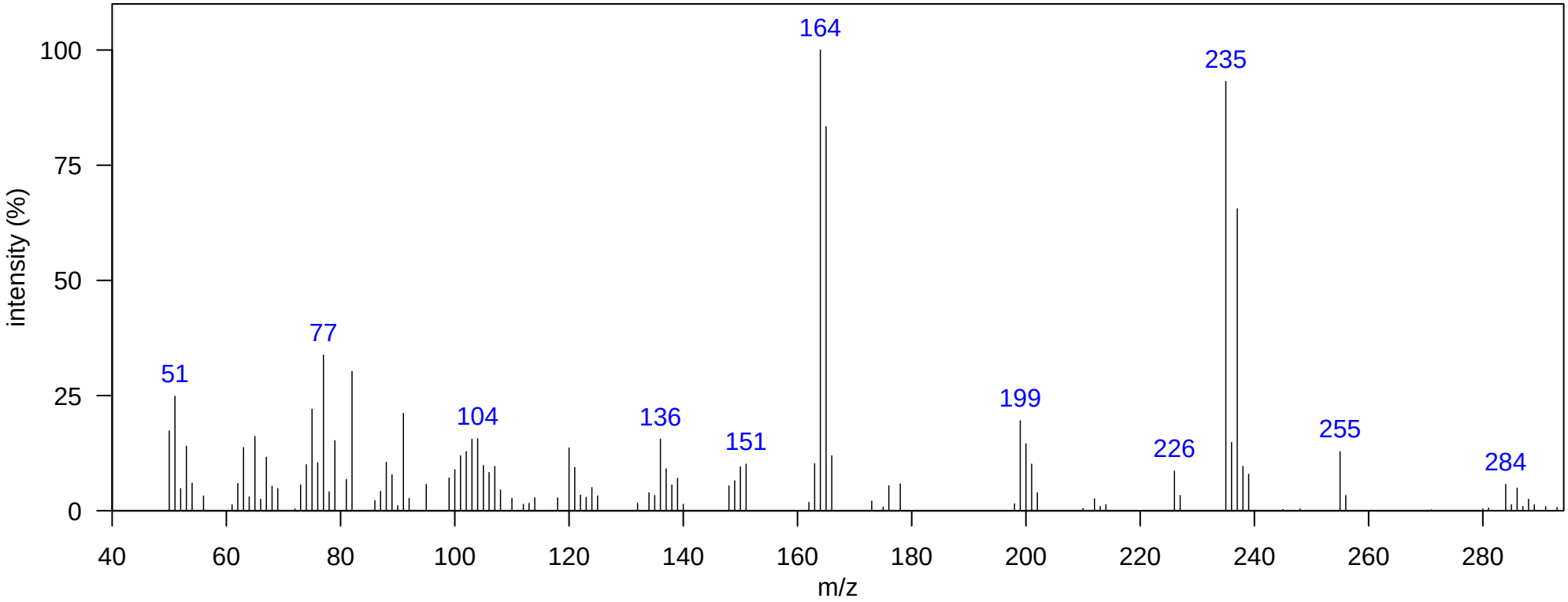
Name: DDT related 1

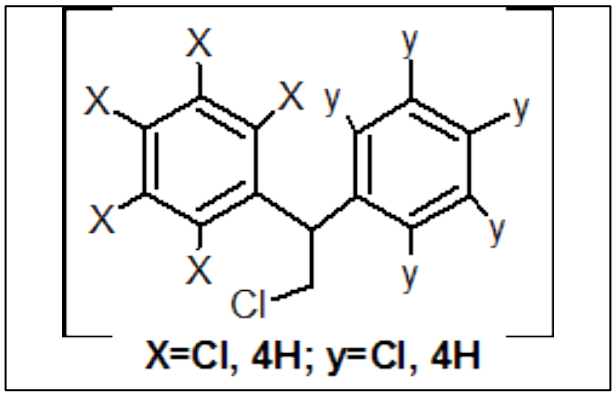
Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: DDT related 13 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1348.57, 0.997
Quantitative Ion m/z: 235

Elemental Formula: C14H11Cl3
Source: anthropogenic
Identification: Reference Database MS





m/z [Fragment]
235 [M−CH2Cl]+
284 M+

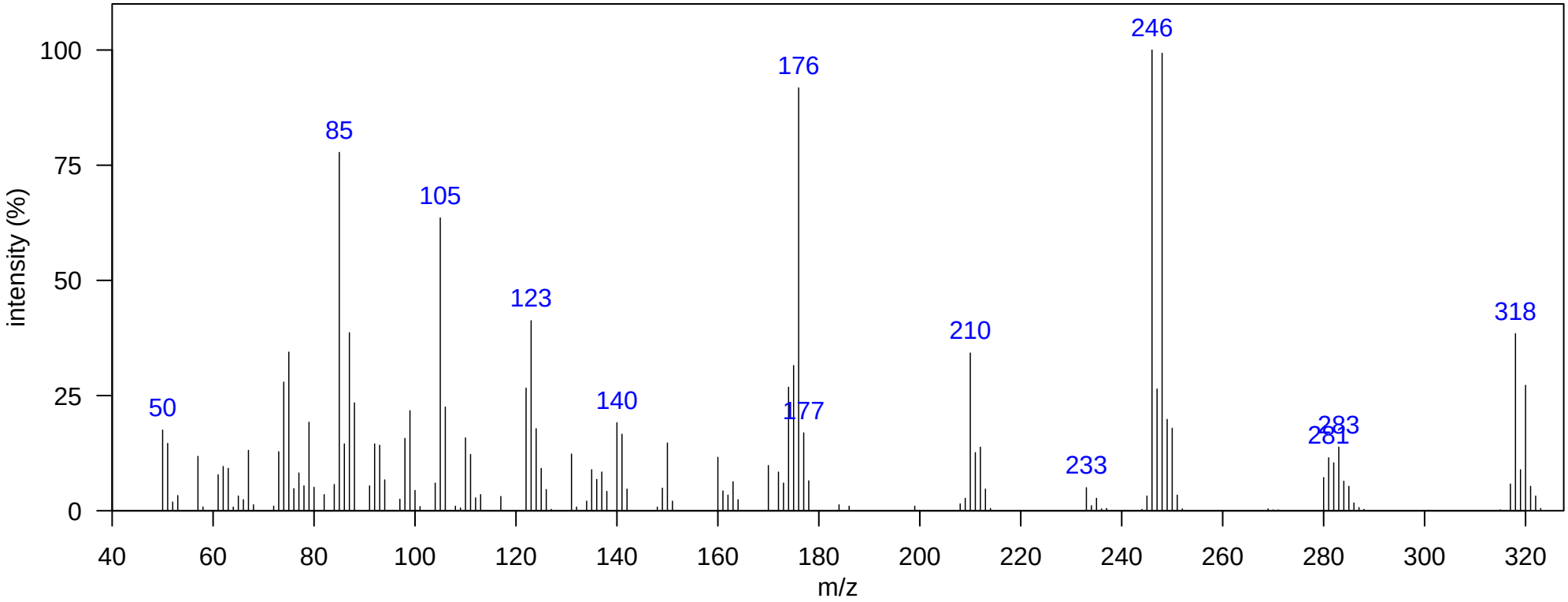
Name: p,p'−DDE

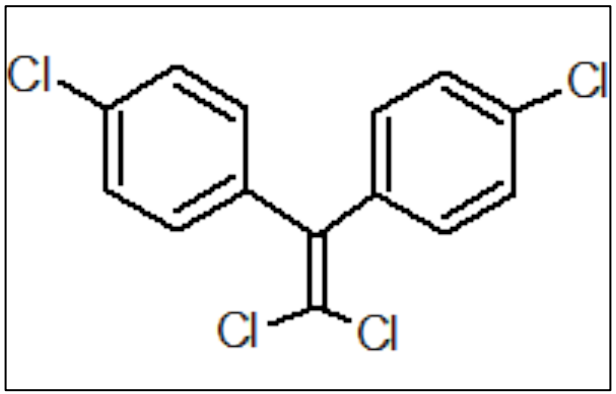
Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1362.56, 1.01
Quantitative Ion m/z: 246

Elemental Formula: C14H8Cl4
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
246 [M−CHCl2]+
316 M+

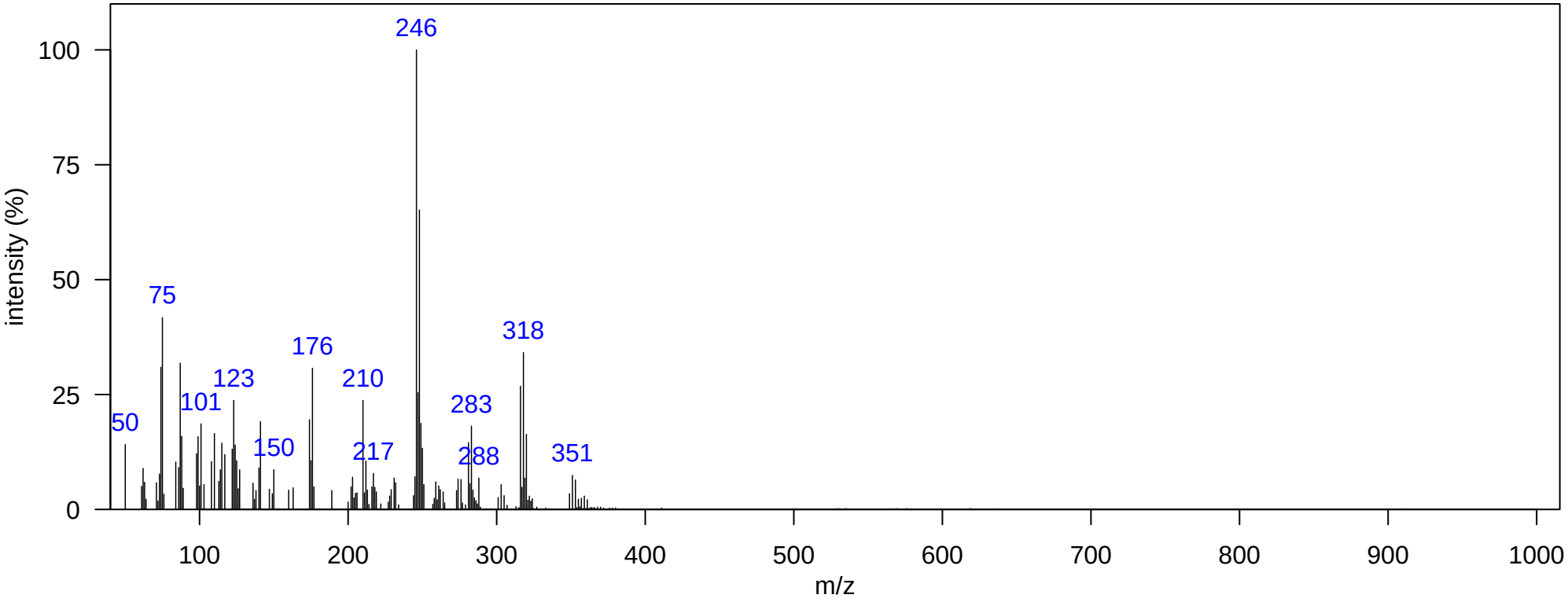
Name: DDT related 2

Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: Suggested DDE isomer

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1380.05, 0.977
Quantitative Ion m/z: 246

Elemental Formula:
Source: anthropogenic
Identification: Manual



m/z [Fragment]
246 [M−CHCl2]+
281 [M−Cl]+
316 M+

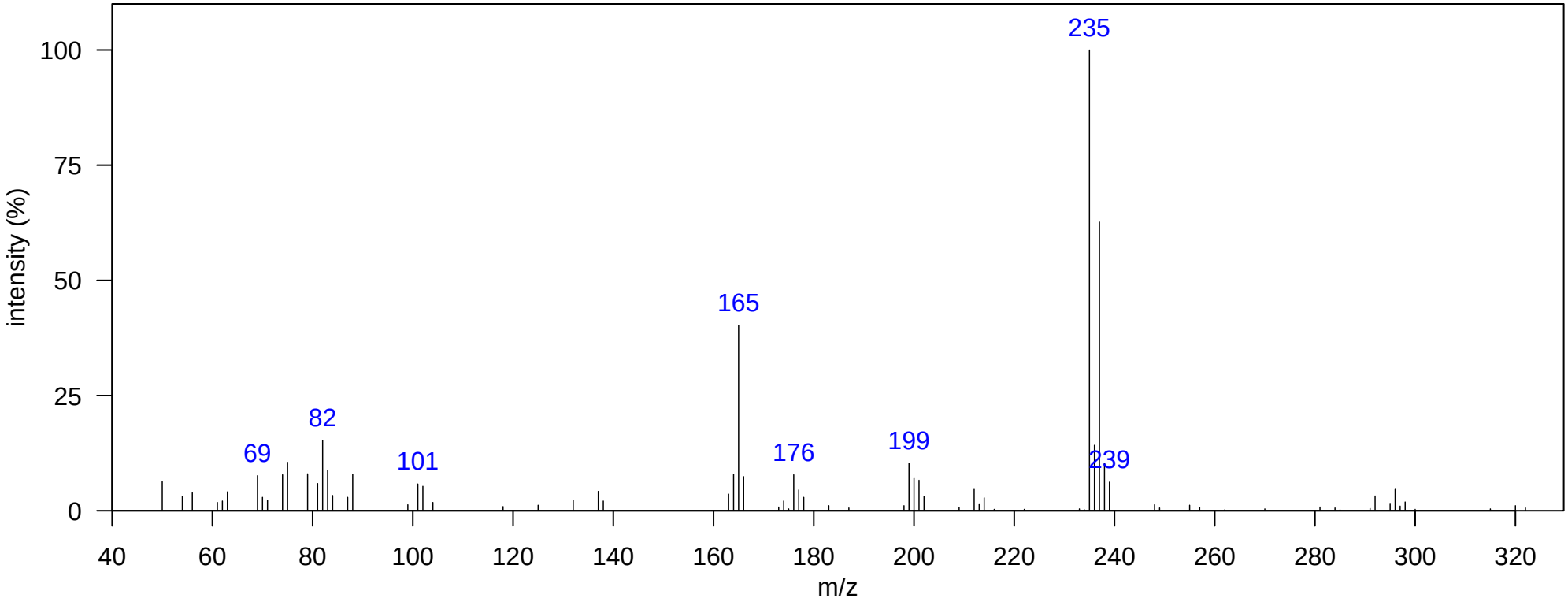
Name: p,p'−DDD

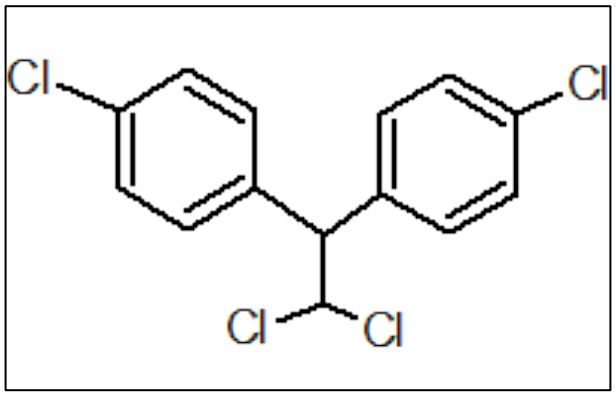
Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1411.54, 1.082
Quantitative Ion m/z: 237

Elemental Formula: C14H10Cl4
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
235 [M−CHCl2]+

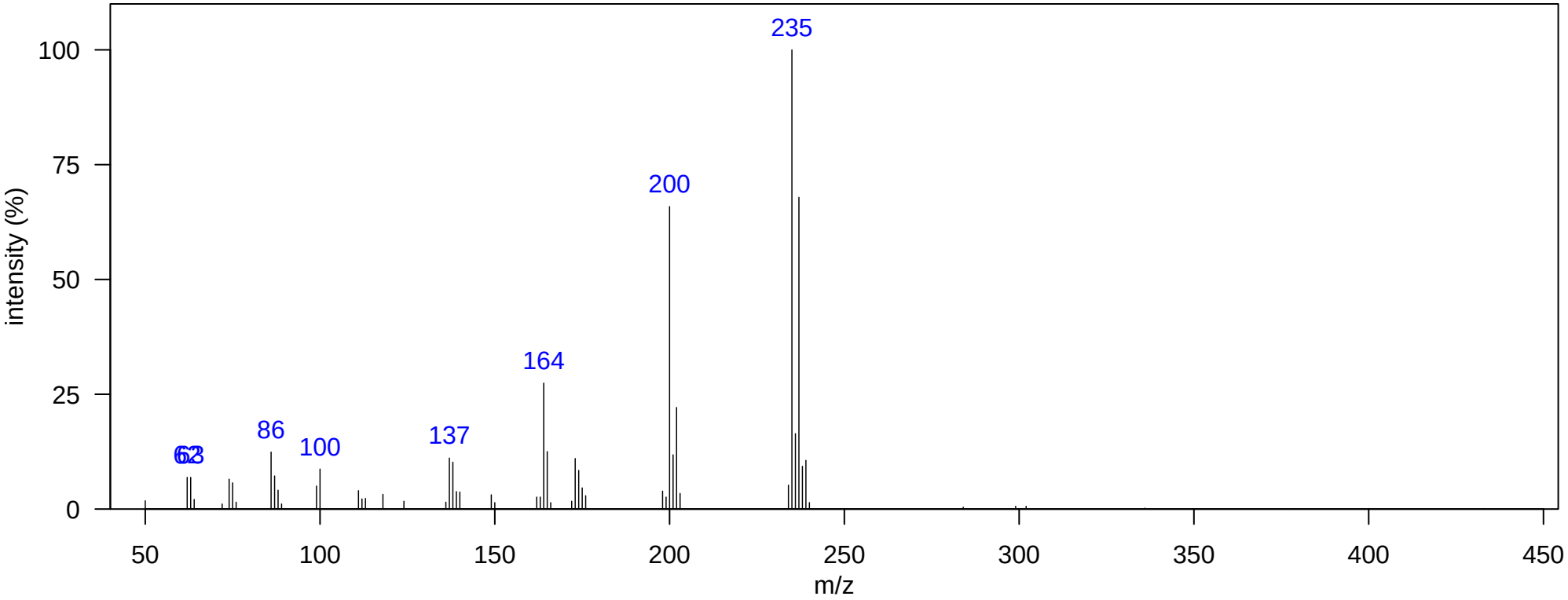
Name: DDT related 3

Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: DDT related 10 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1460.51, 1.195
Quantitative Ion m/z: 235

Elemental Formula:
Source: anthropogenic
Identification: Reference Database MS



m/z [Fragment]

Name: DDT related 4

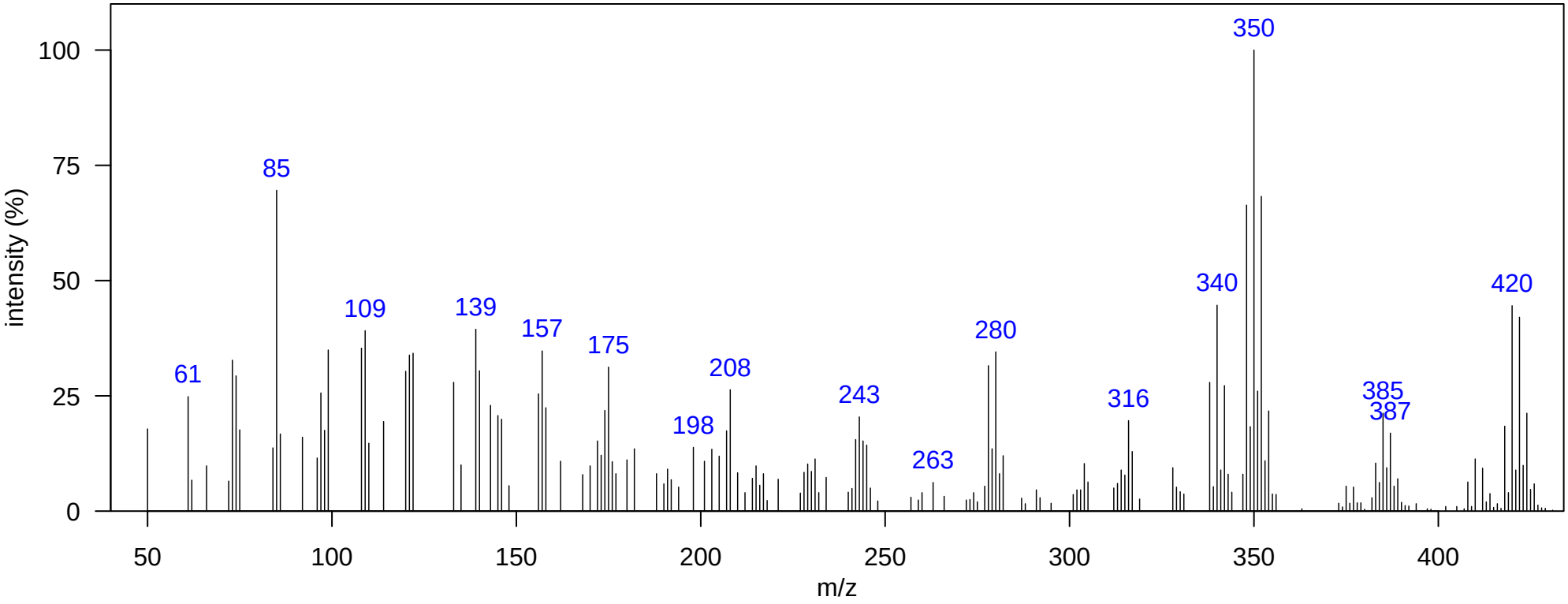
Class: DDT−related

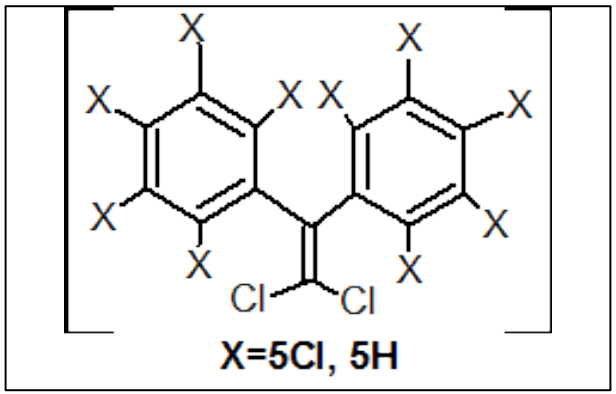
Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1544.46, 1.102
Quantitative Ion m/z: 420

Elemental Formula: C14H5Cl7
Source: anthropogenic
Identification: Manual−Congener Group

Comment: DDT related 18 (Pacific Library). Suggested DDE backbone structure, but containing 7 chlorines



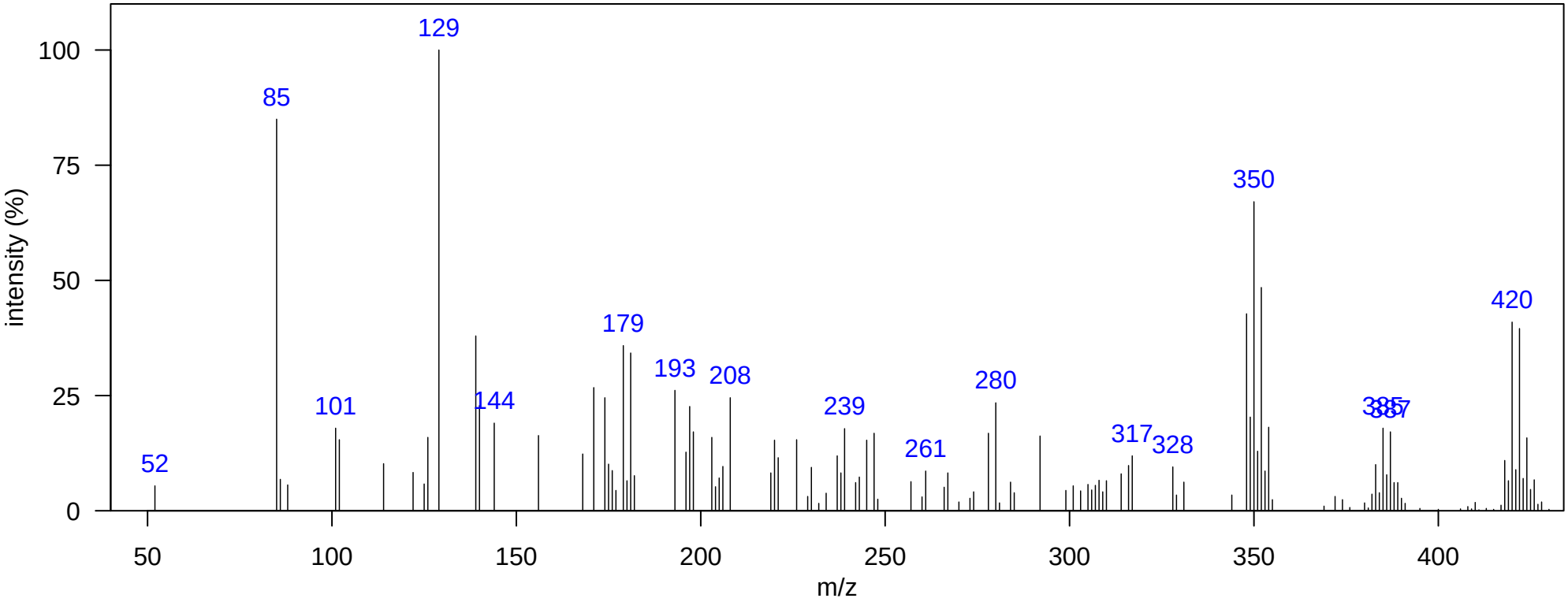


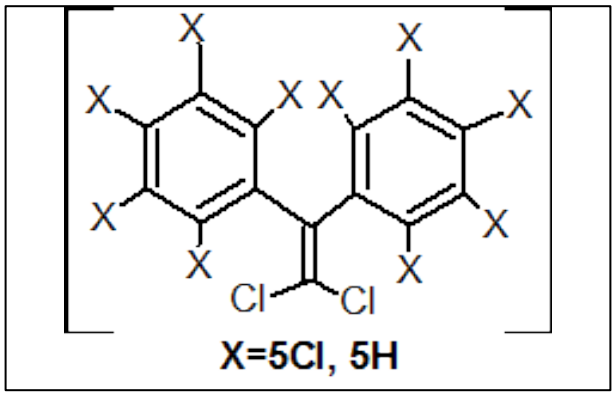
m/z [Fragment]
278 [M−Cl4]+
348 [M−Cl2]+
383 [M−Cl]+
418 M+

Name: DDT related 5

Class: DDT−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1554.95, 1.142
Quantitative Ion m/z: 420
Elemental Formula: C14H5Cl7
Source: anthropogenic
Identification: Manual−Congener Group
Comment: Suggested DDE backbone structure, but containing 7 chlorines





m/z [Fragment]
278 [M−Cl4]+
348 [M−Cl2]+
383 [M−Cl]+
418 M+

Name: DDT related 6

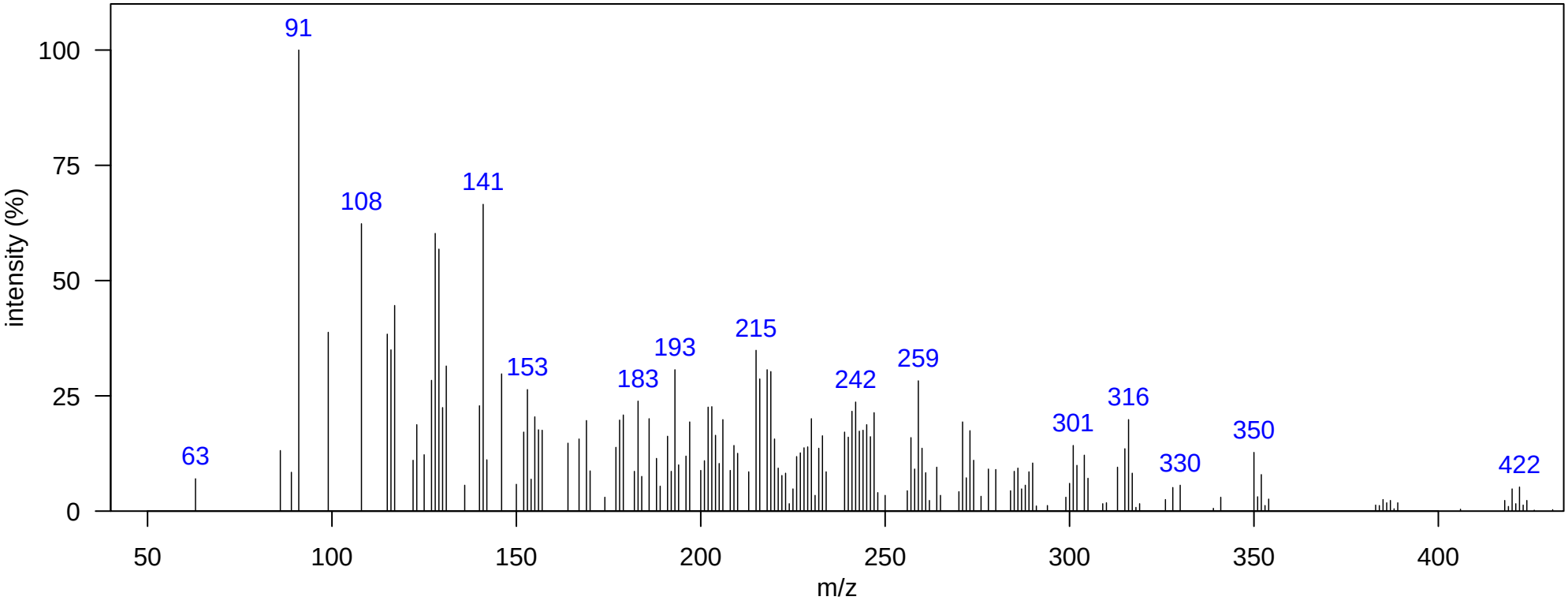
Class: DDT−related

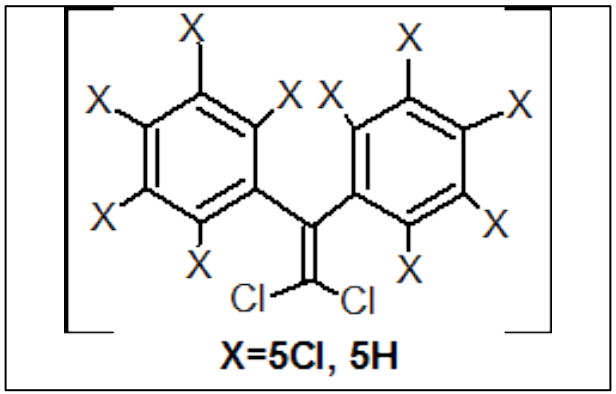
Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1558.45, 1.155
Quantitative Ion m/z: 420

Elemental Formula: C14H5Cl7
Source: anthropogenic
Identification: Manual−Congener Group

Comment: DDT related 19 (Pacific Library). Suggested DDE backbone structure, but containing 7 chlorines





m/z [Fragment]
278 [M−Cl4]+
348 [M−Cl2]+
383 [M−Cl]+
418 M+

Name: DDT related 7

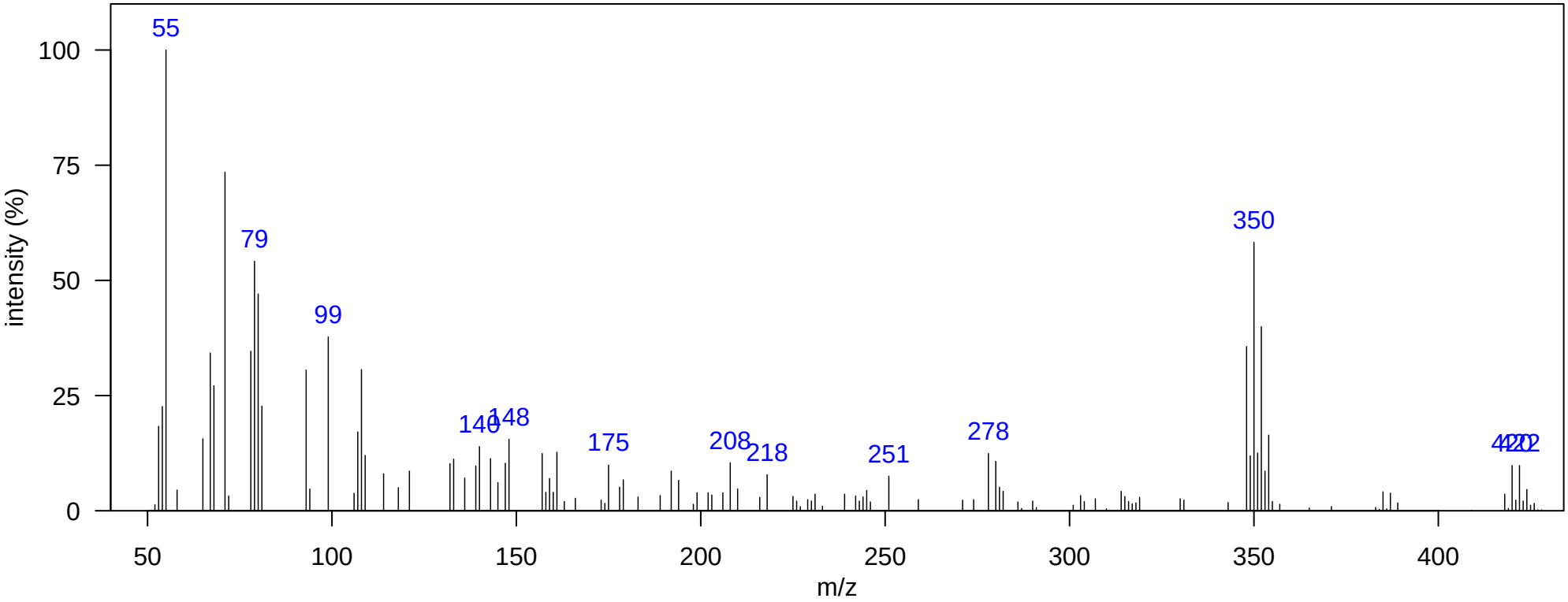
Class: DDT−related

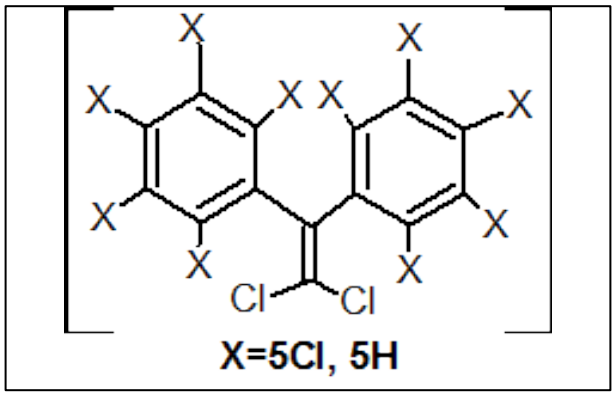
Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1582.94, 1.188
Quantitative Ion m/z: 350

Elemental Formula: C14H5Cl7
Source: anthropogenic
Identification: Manual−Congener Group

Comment: DDT related 20 (Pacific Library). Suggested DDE backbone structure, but containing 7 chlorines





m/z [Fragment]
278 [M−Cl4]+
348 [M−Cl2]+
383 [M−Cl]+
418 M+

Name: DDT related 8

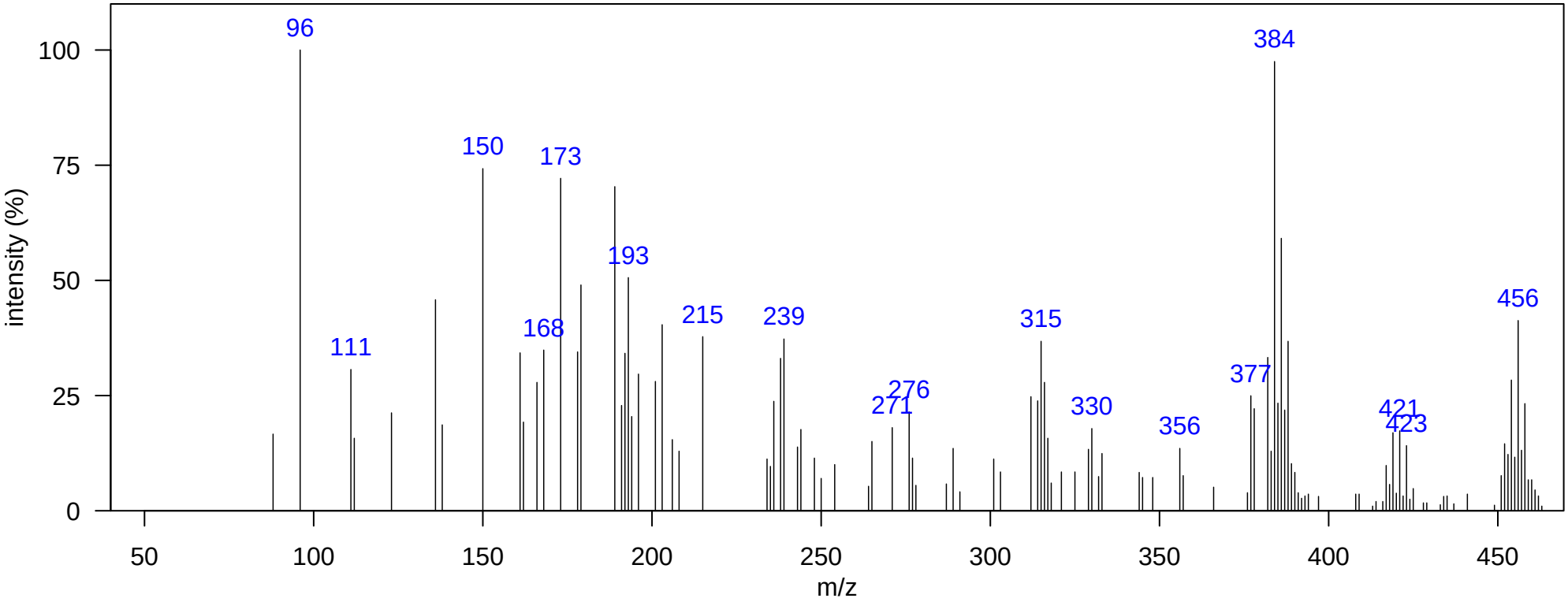
Class: DDT−related

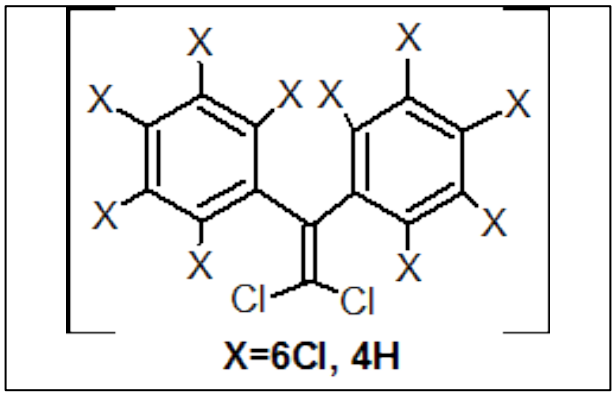
Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1656.4, 1.379
Quantitative Ion m/z: 456

Elemental Formula: C14H4Cl8
Source: anthropogenic
Identification: Manual−Congener Group

Comment: DDT related 23 (Pacific Library). Suggested DDE backbone





m/z [Fragment]
382 [M−Cl2]+
417 [M−Cl]+
452 M+

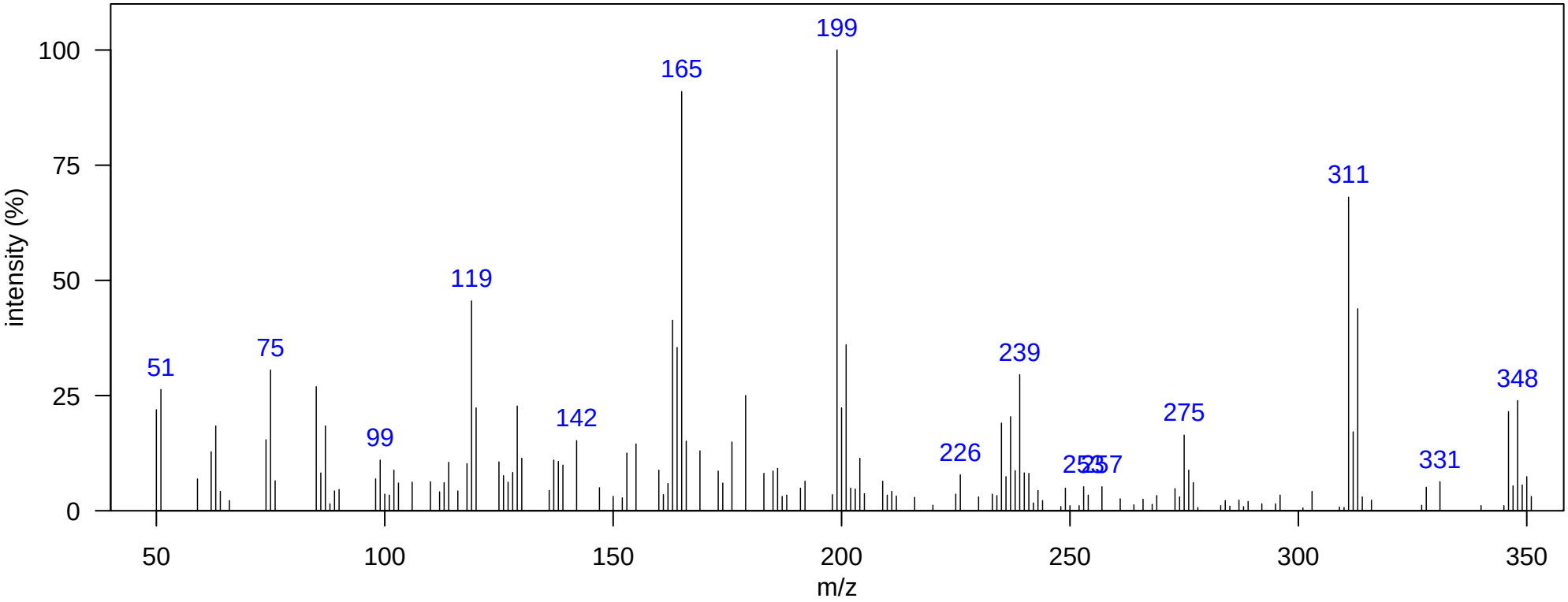
Name: TCPM 1

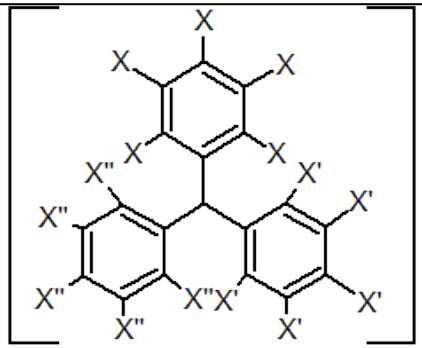
Class: TCPM

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: TCPM 5 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1554.95, 1.195
Quantitative Ion m/z: 311

Elemental Formula: C19H13Cl3
Source: anthropogenic
Identification: Authentic MS





X=Cl, 4H; X'=Cl, 4H; X''=Cl, 4H

m/z [Fragment]
275 [M−HCl2]+
311 [M−Cl]+
346 M+

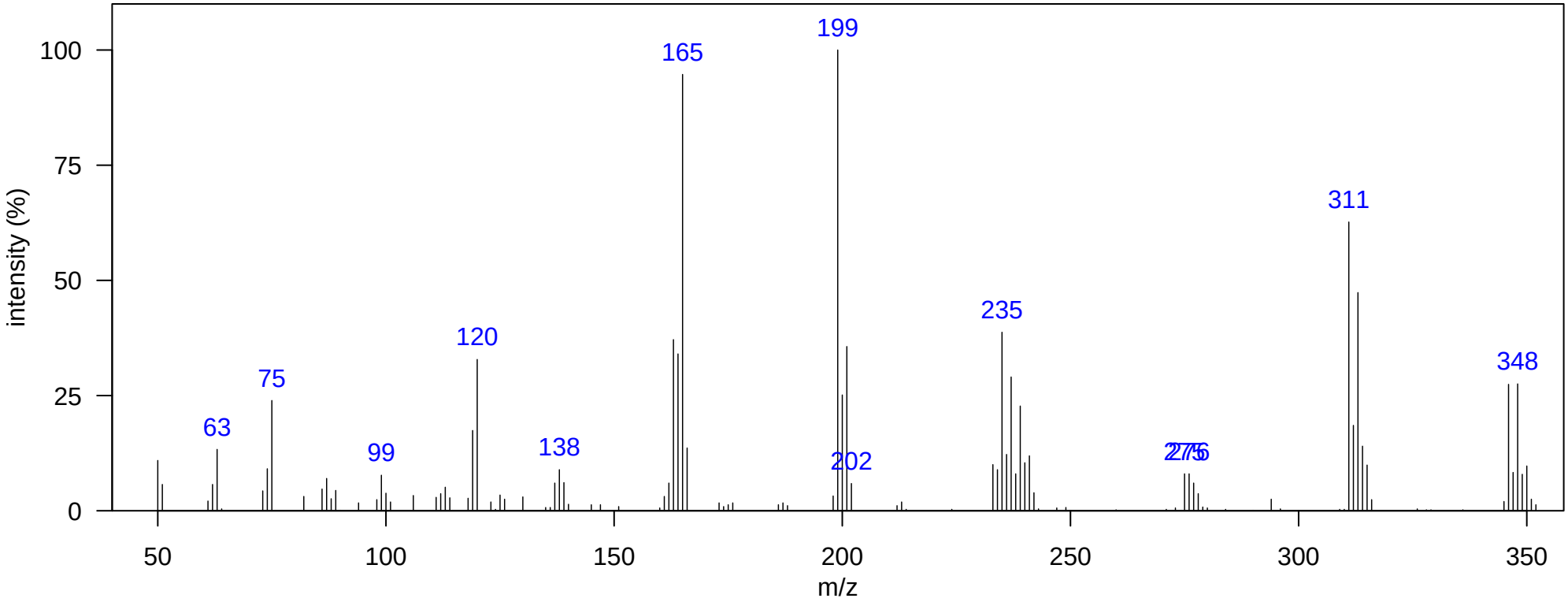
Name: Tris(4−chlorophenyl)methane (TCPM)

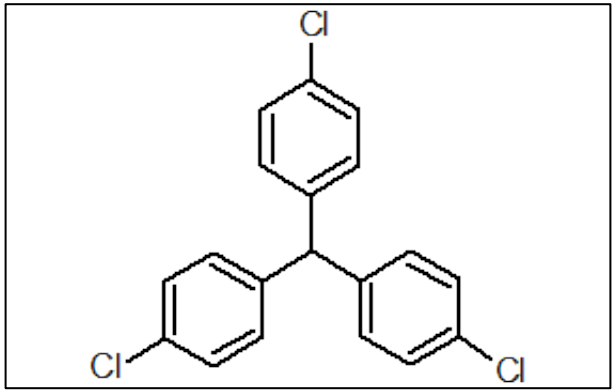
Class: TCPM

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1596.93, 1.28
Quantitative Ion m/z: 311

Elemental Formula: C19H13Cl3
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
275 [M−HCl2]+
311 [M−Cl]+
346 M+

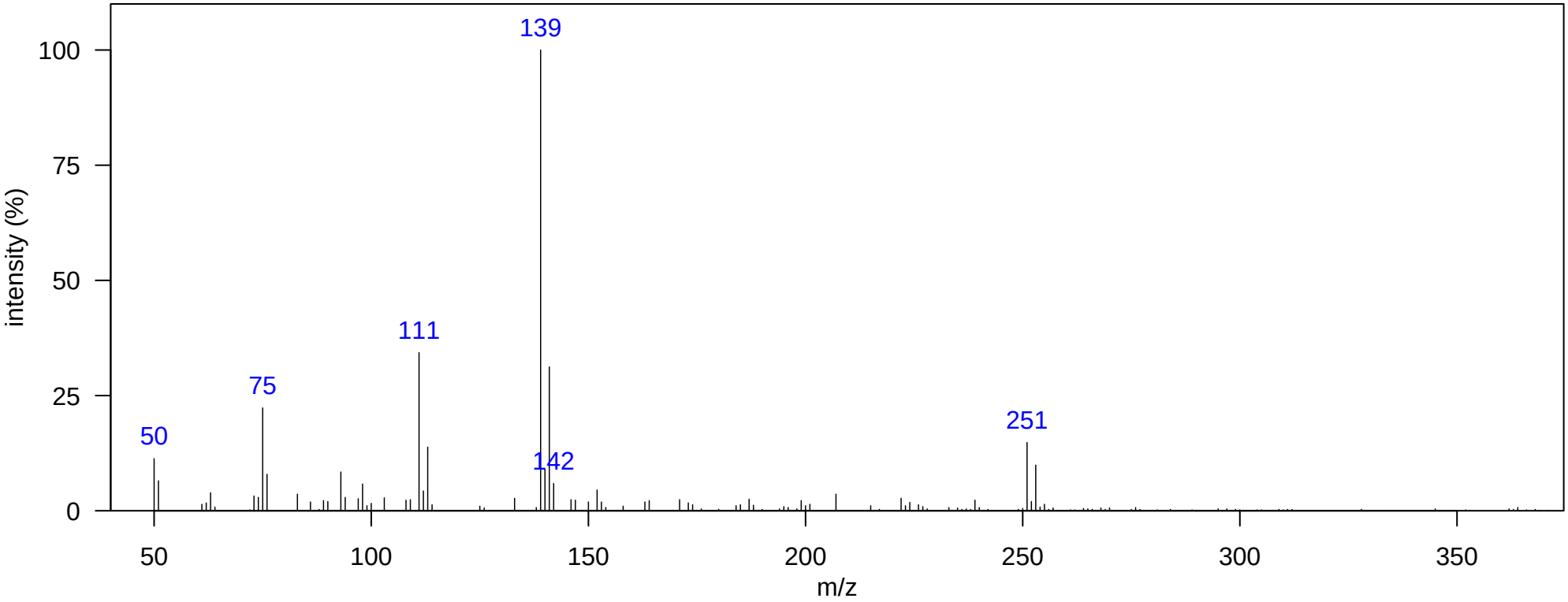
Name: Tris(4−chlorophenyl)methanol (TCPMOH)

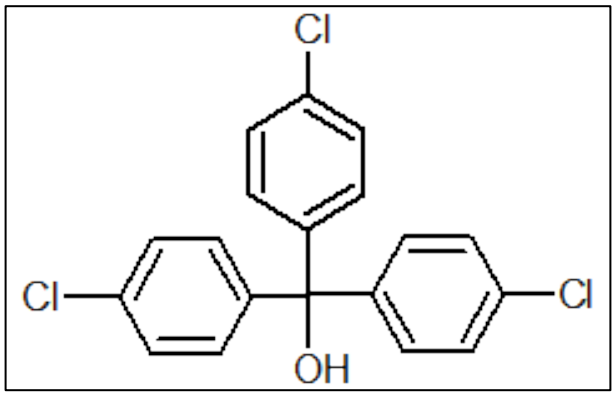
Class: TCPMOH

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1677.38, 1.538
Quantitative Ion m/z: 139

Elemental Formula: C19H13Cl3O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]

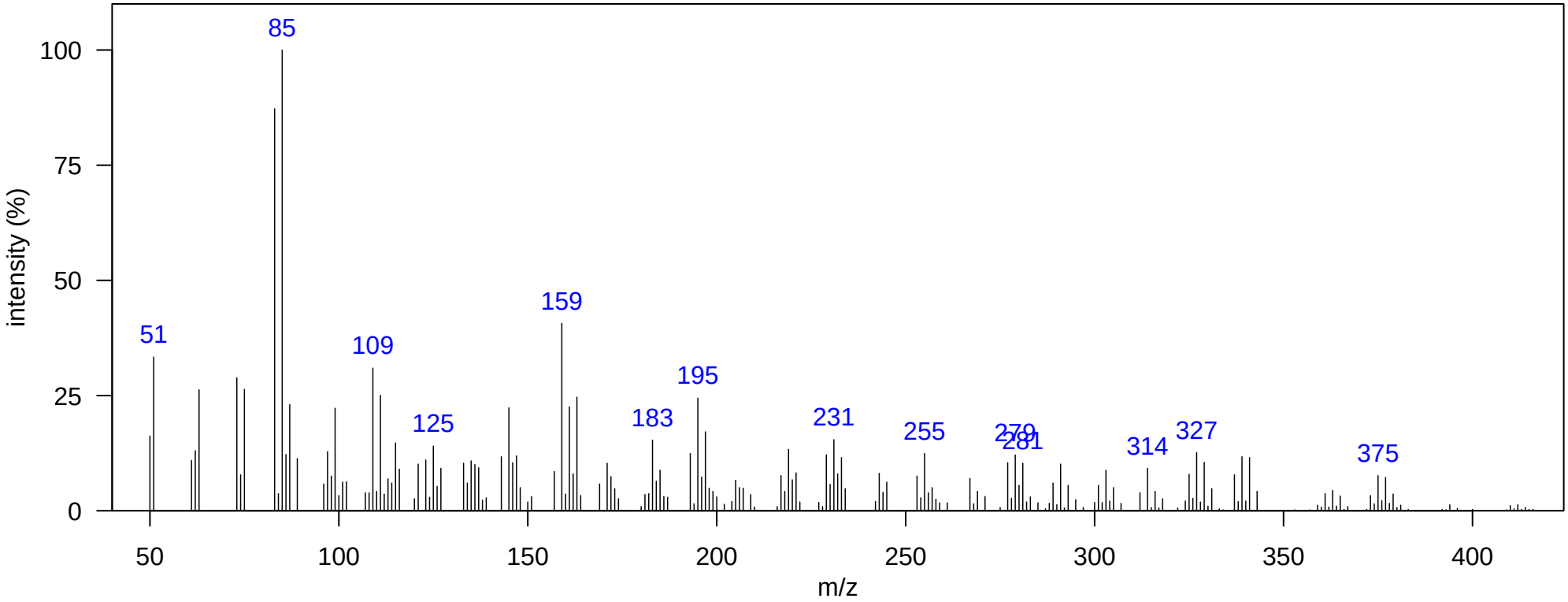
Name: toxaphene 1

Class: Toxaphene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment: toxaphene 17 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1491.99, 1.043
Quantitative Ion m/z: 339

Elemental Formula: C10H8Cl8
Source: anthropogenic
Identification: Authentic MS RT



m/z [Fragment]

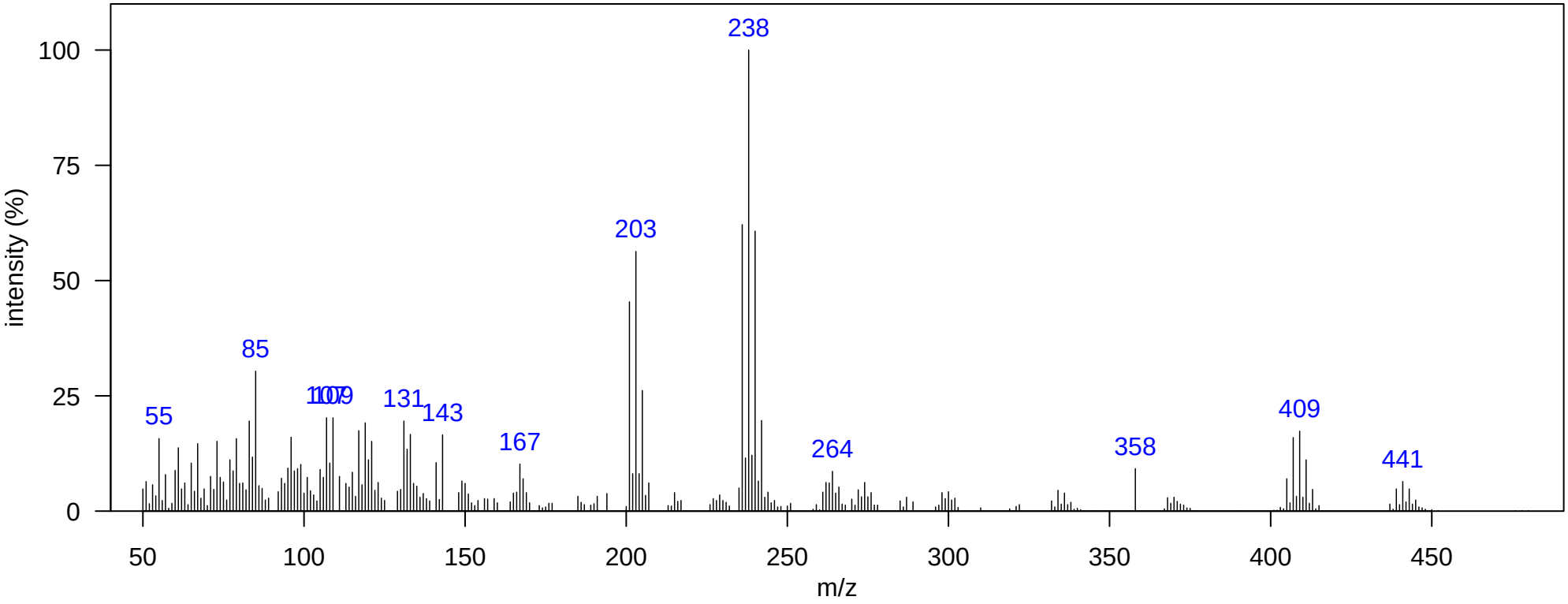
Name: mirex 2Cl 1

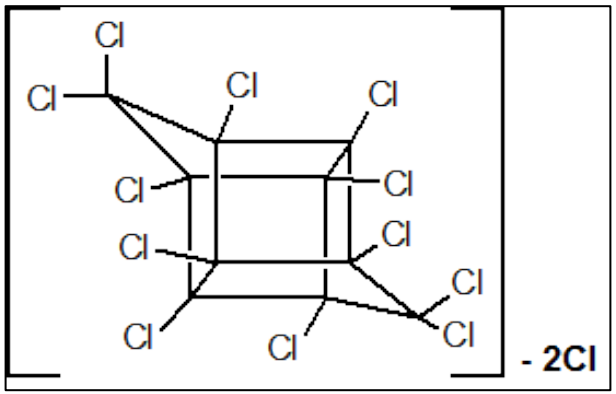
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1418.53, 1.016
Quantitative Ion m/z: 441

Elemental Formula: C10H2Cl10
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
437 [M−Cl]+

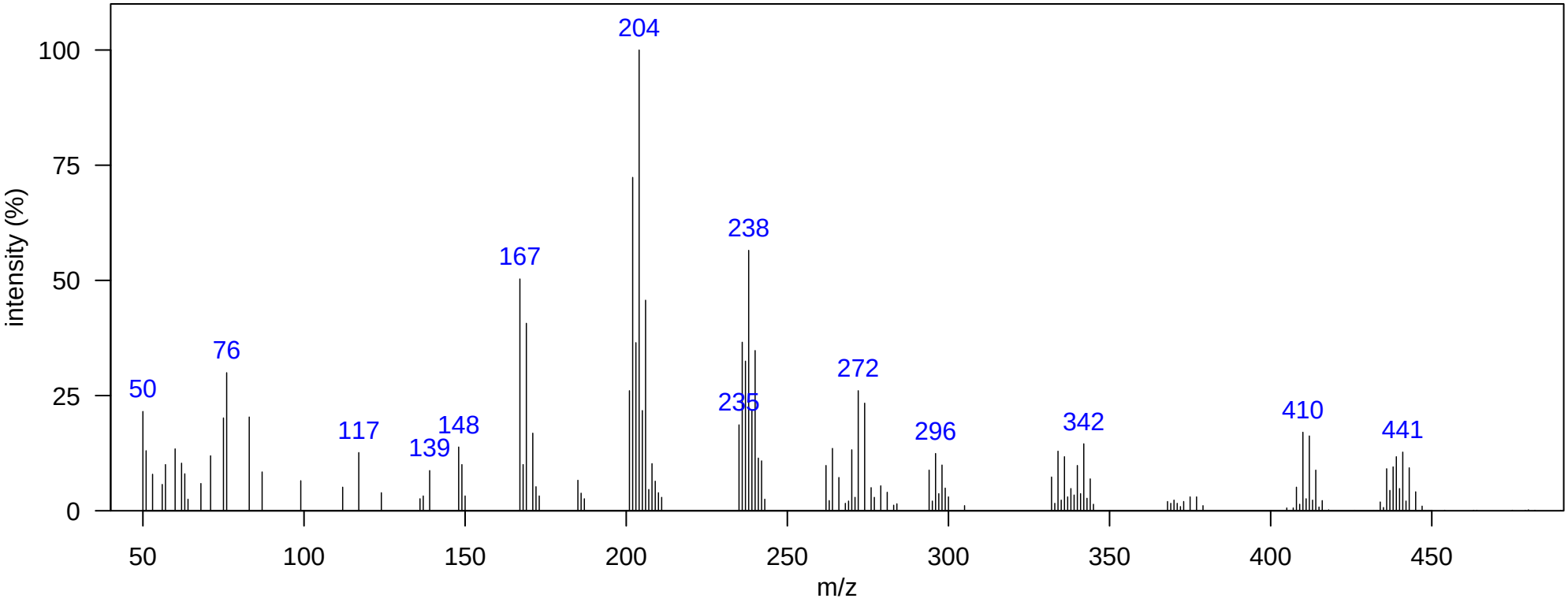
Name: mirex 2Cl 2

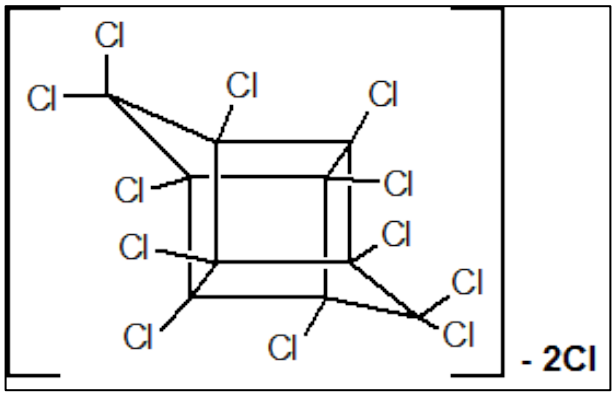
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1460.51, 1.063
Quantitative Ion m/z: 441

Elemental Formula: C10H2Cl10
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
437 [M−Cl]+

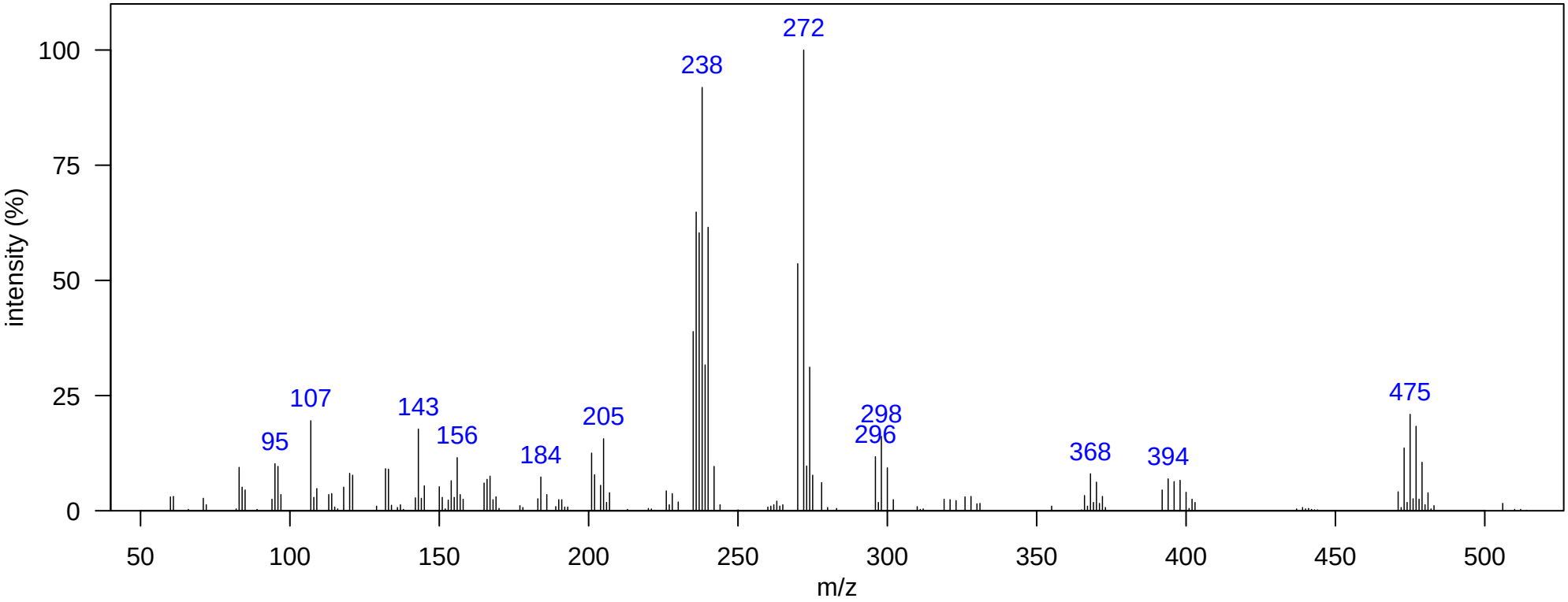
Name: photomirex

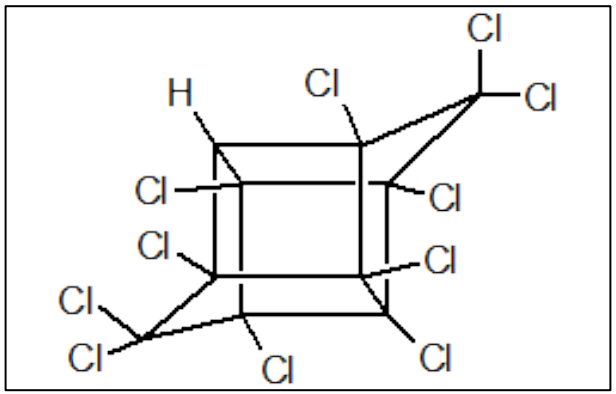
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: mirex 1Cl (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1495.49, 1.082
Quantitative Ion m/z: 475

Elemental Formula: C10HCl11
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
270 [C5Cl6]+
366 [M−Cl4]
471 [M−Cl]+

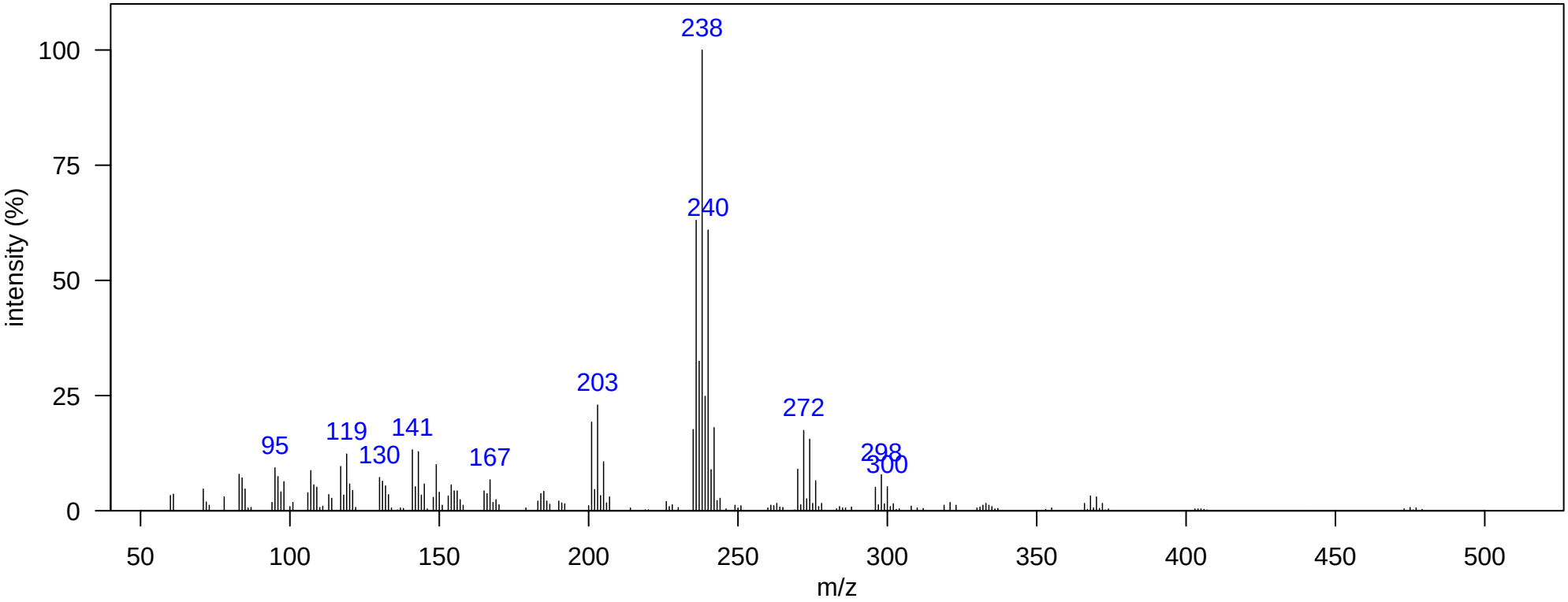
Name: mirex 1Cl 1

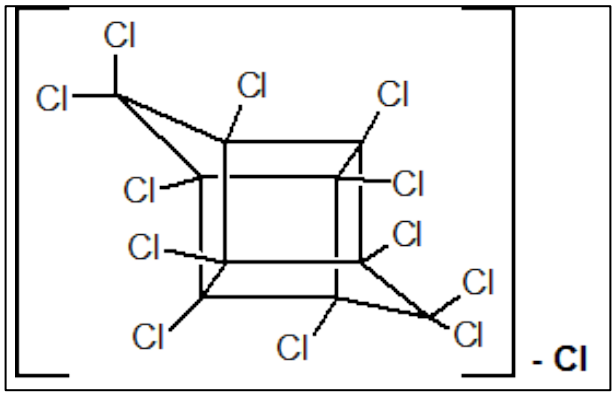
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1516.48, 1.115
Quantitative Ion m/z: 238

Elemental Formula: C10HCl11
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
270 [C5Cl6]+
366 [M−Cl4]
471 [M−Cl]+

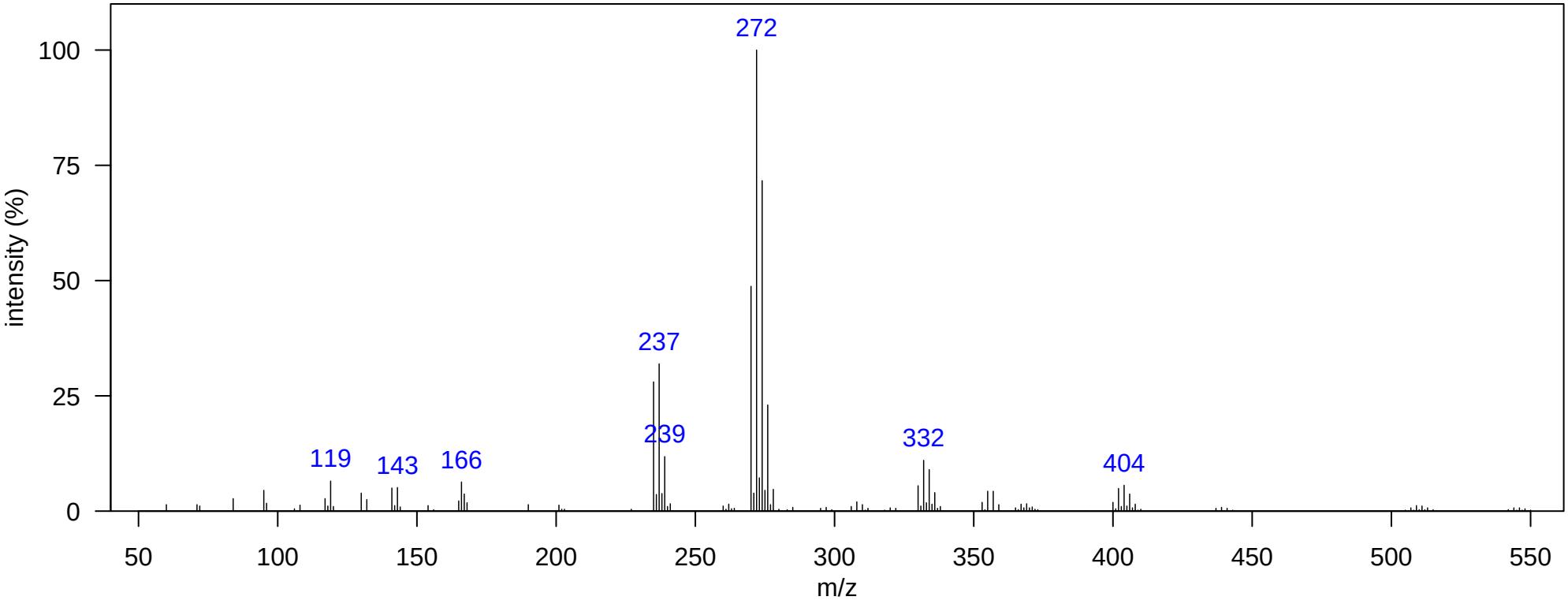
Name: mirex

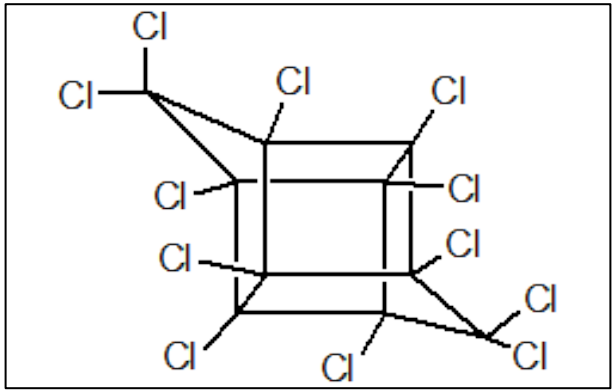
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1572.44, 1.247
Quantitative Ion m/z: 272

Elemental Formula: C10Cl12
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
505 [M−Cl]+
540 M+

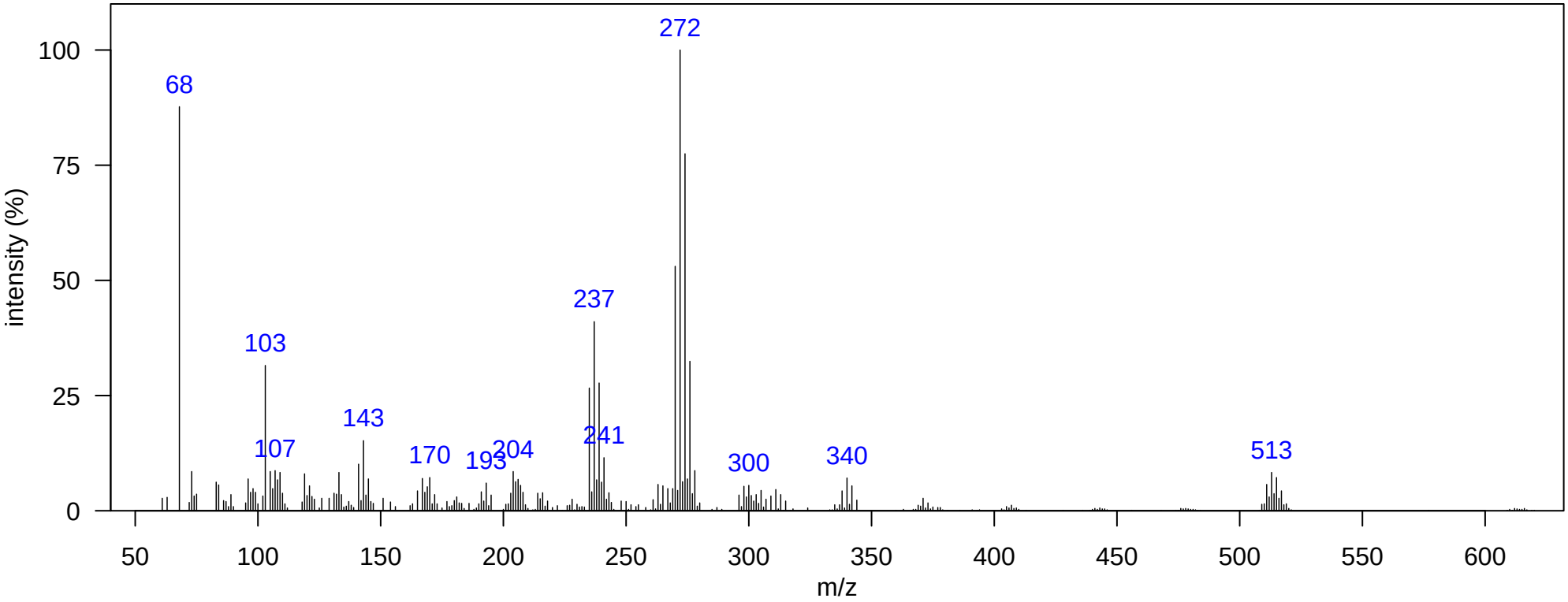
Name: dechlorane 602

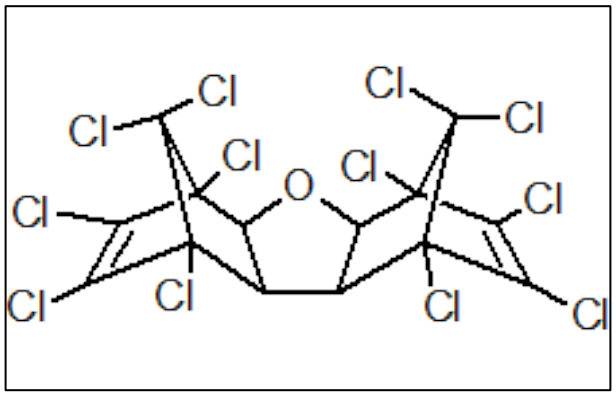
Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1673.89, 1.379
Quantitative Ion m/z: 513

Elemental Formula: C14H4Cl12O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
270 [C5Cl6]+
608 M+

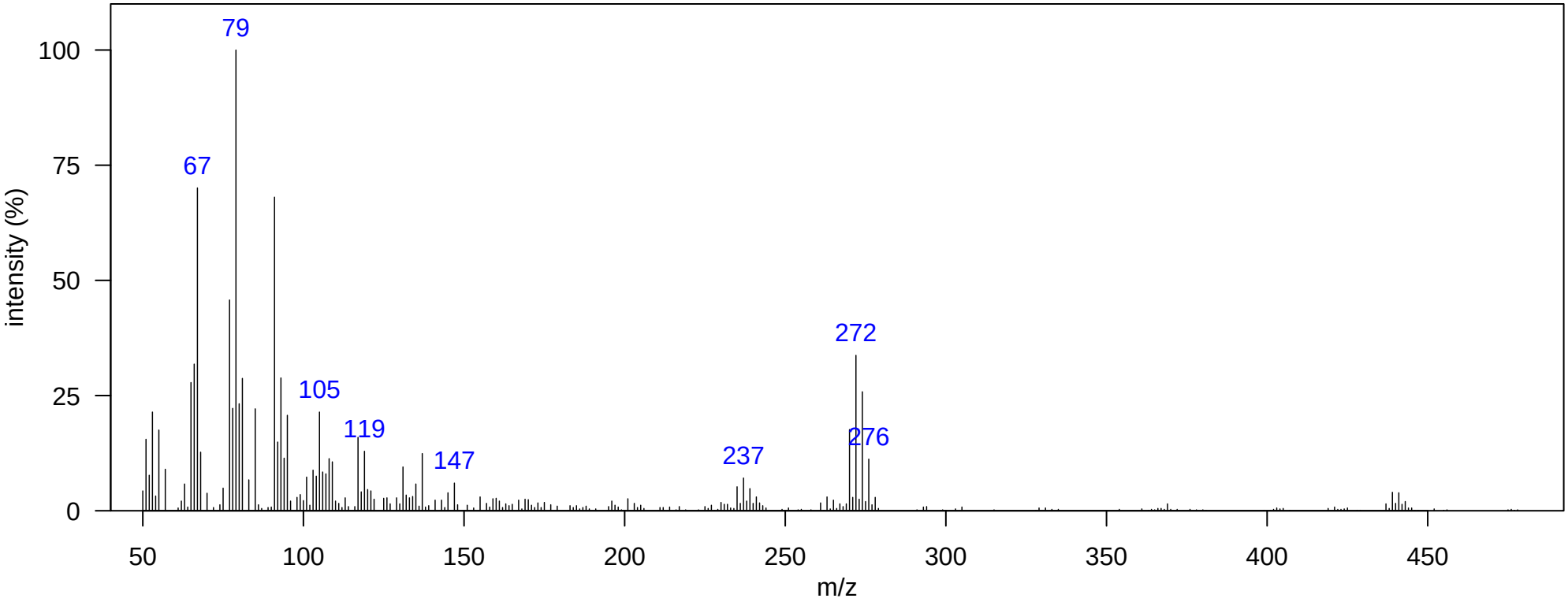
Name: mirex related

Class: Mirex−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: mirex related 1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1701.87, 1.459
Quantitative Ion m/z: 272

Elemental Formula:
Source: anthropogenic
Identification: Manual



m/z [Fragment]
270 [C5Cl6]+
437 [Frag]+

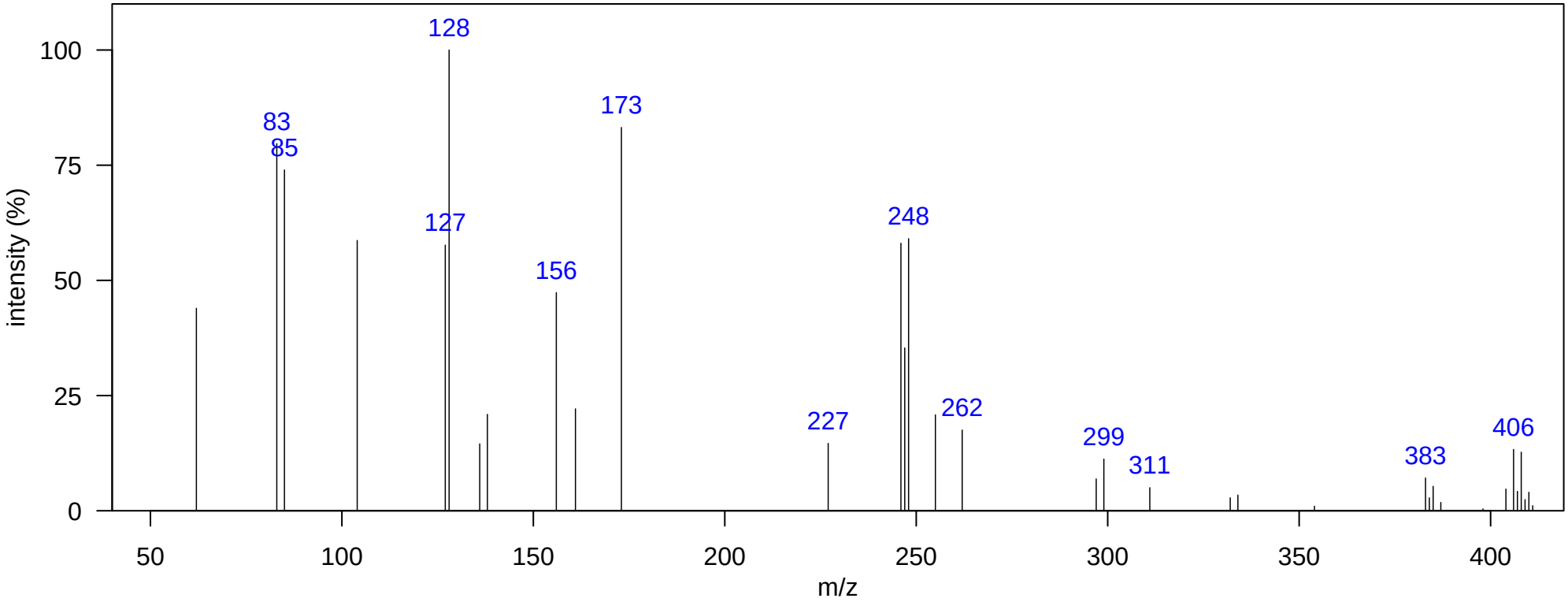
Name: BDE−28/33

Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1404.54, 1.049
Quantitative Ion m/z: 406

Elemental Formula: C12H7Br3O
Source: anthropogenic
Identification: Authentic MS RT



m/z [Fragment]
246 [M−Br2]+
404 M+

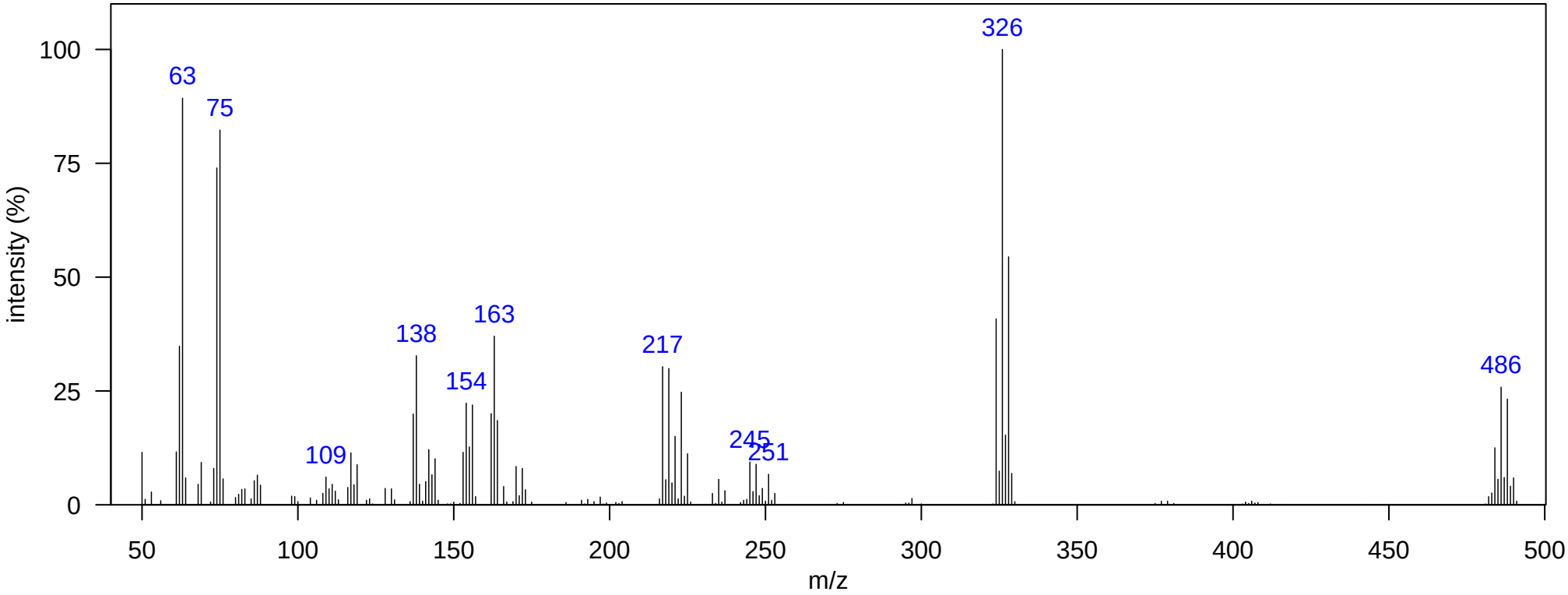
Name: BDE−47

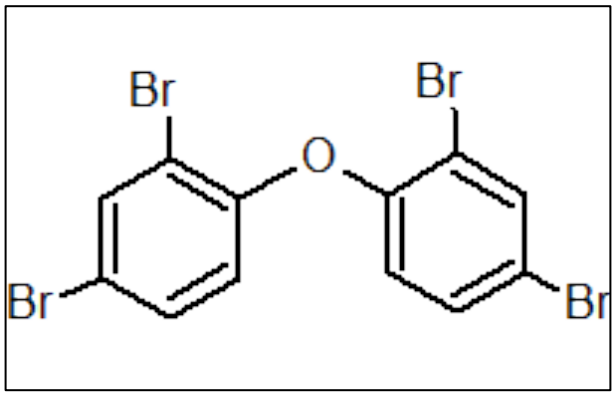
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1530.47, 1.188
Quantitative Ion m/z: 486

Elemental Formula: C12H6Br4O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
324 [M−Br2]+
482 M+

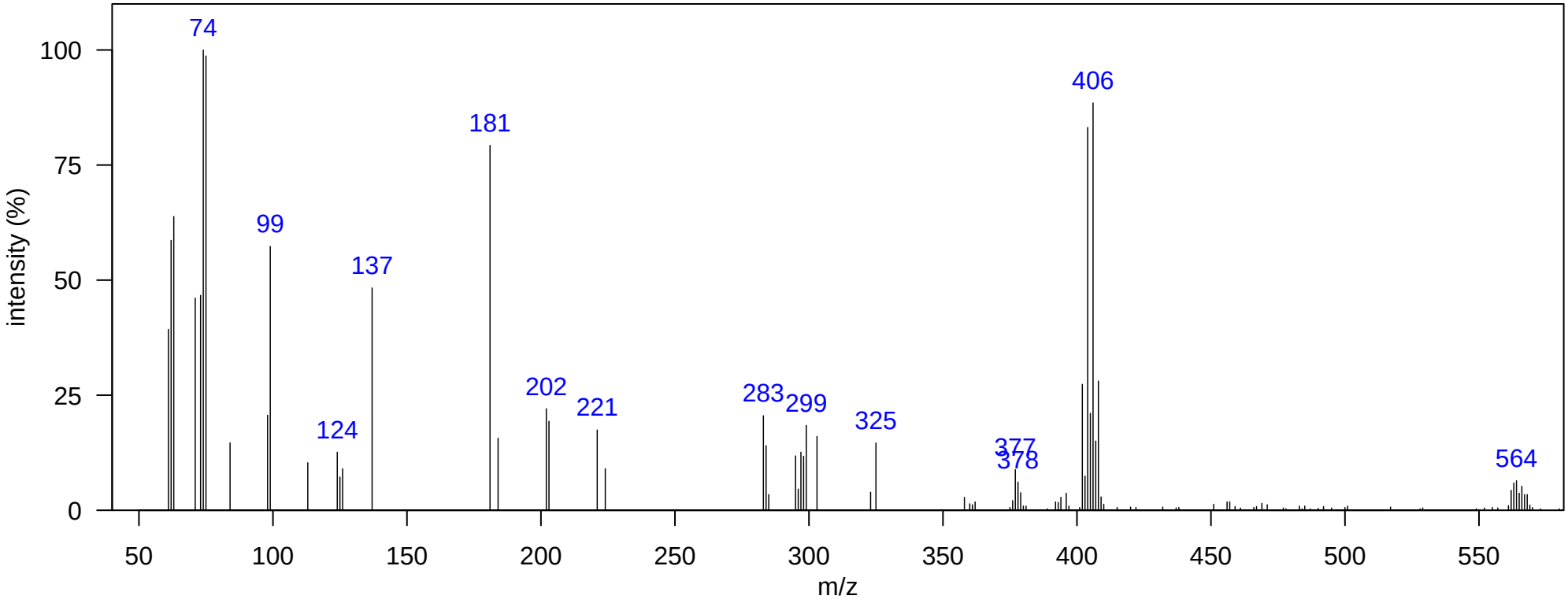
Name: BDE 5Br 1

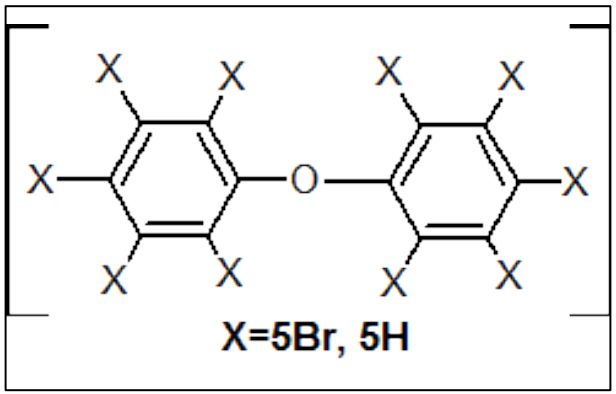
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1593.43, 1.34
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
402 [M−Br2]+
560 M+

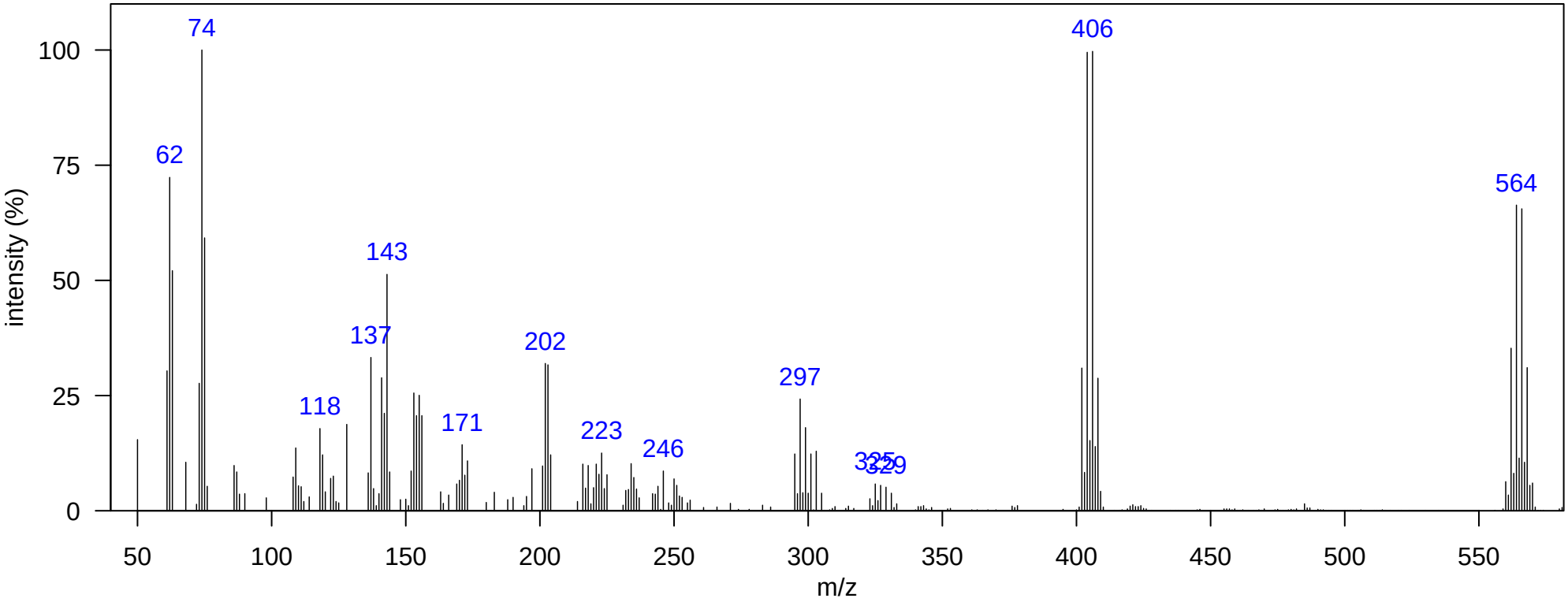
Name: BDE−100

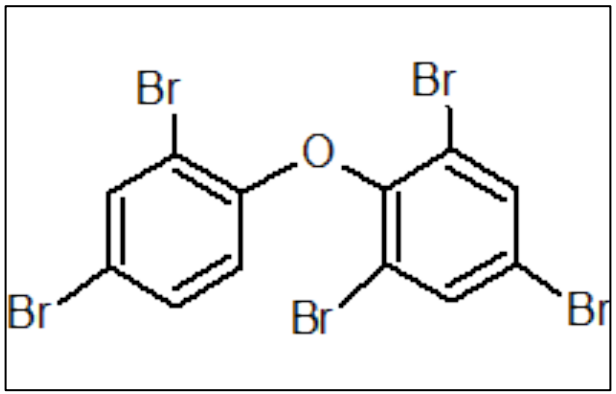
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1638.91, 1.558
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
402 [M−Br2]+
560 M+

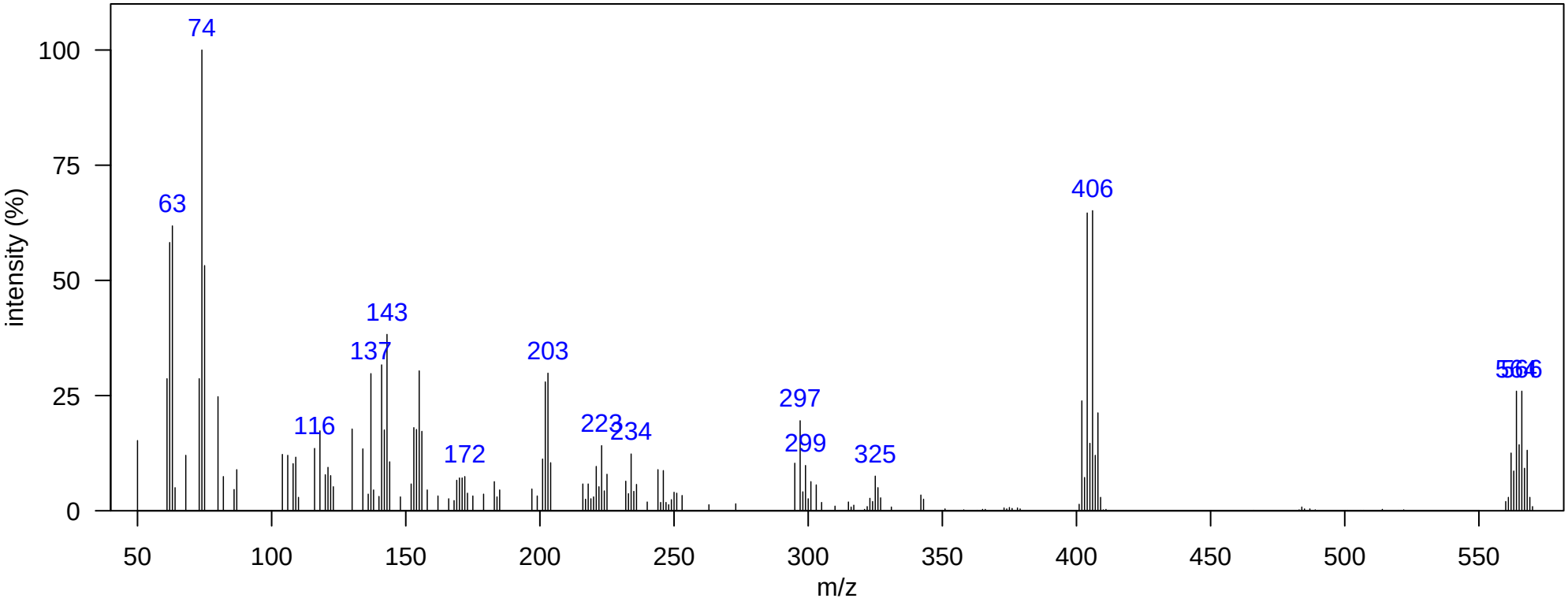
Name: BDE−99

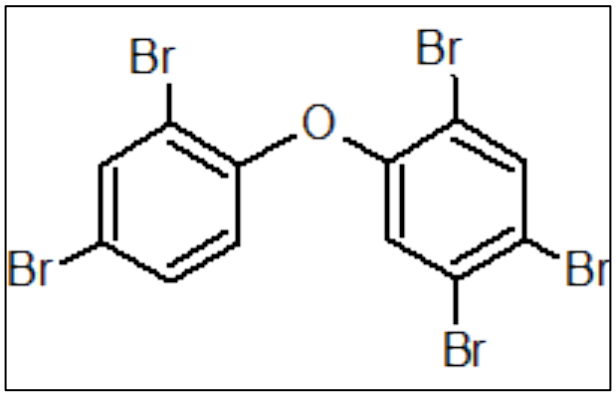
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1670.39, 1.61
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
402 [M−Br2]+
560 M+

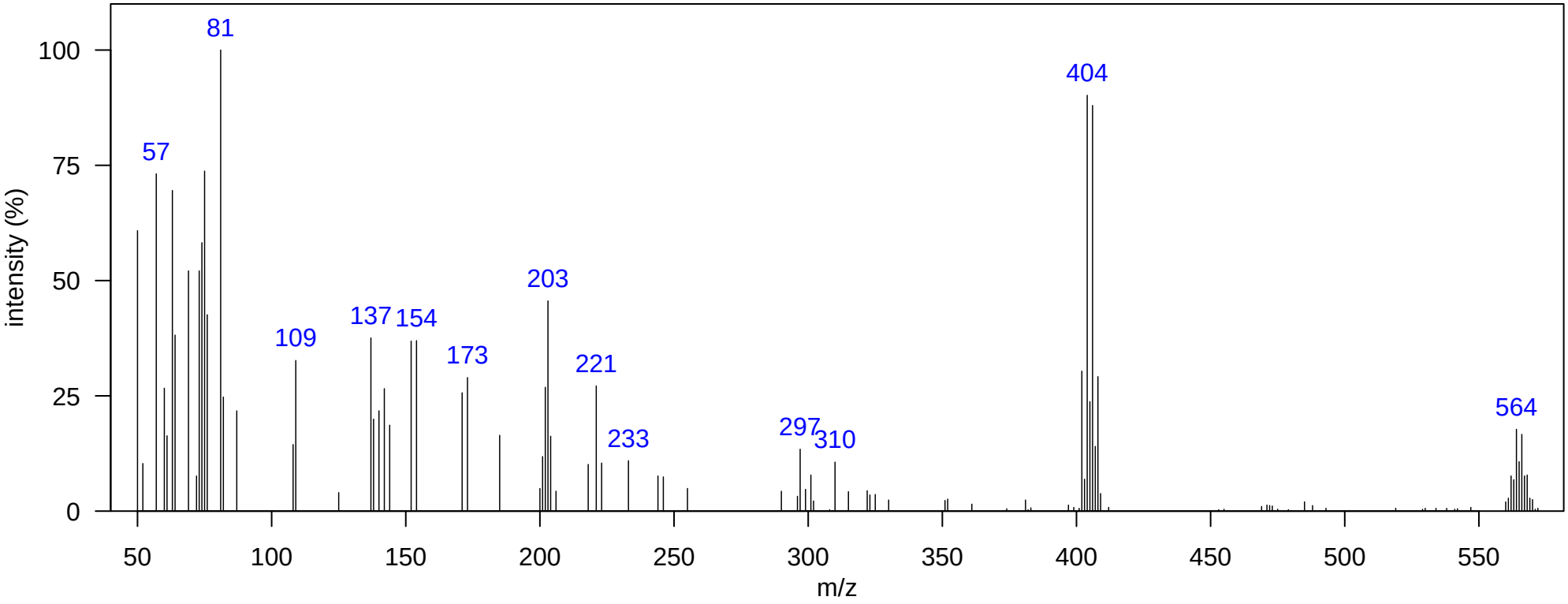
Name: BDE 5Br 2

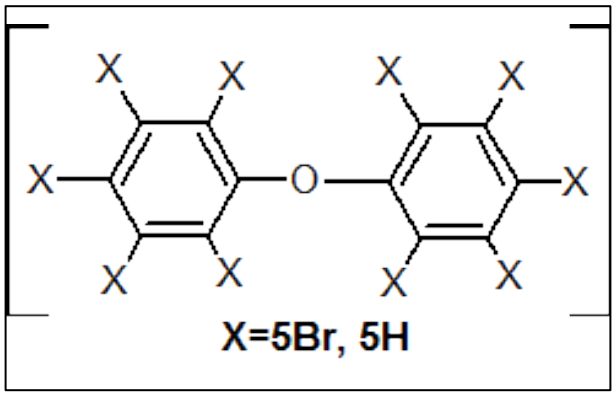
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1680.88, 1.65
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
402 [M−Br2]+
560 M+

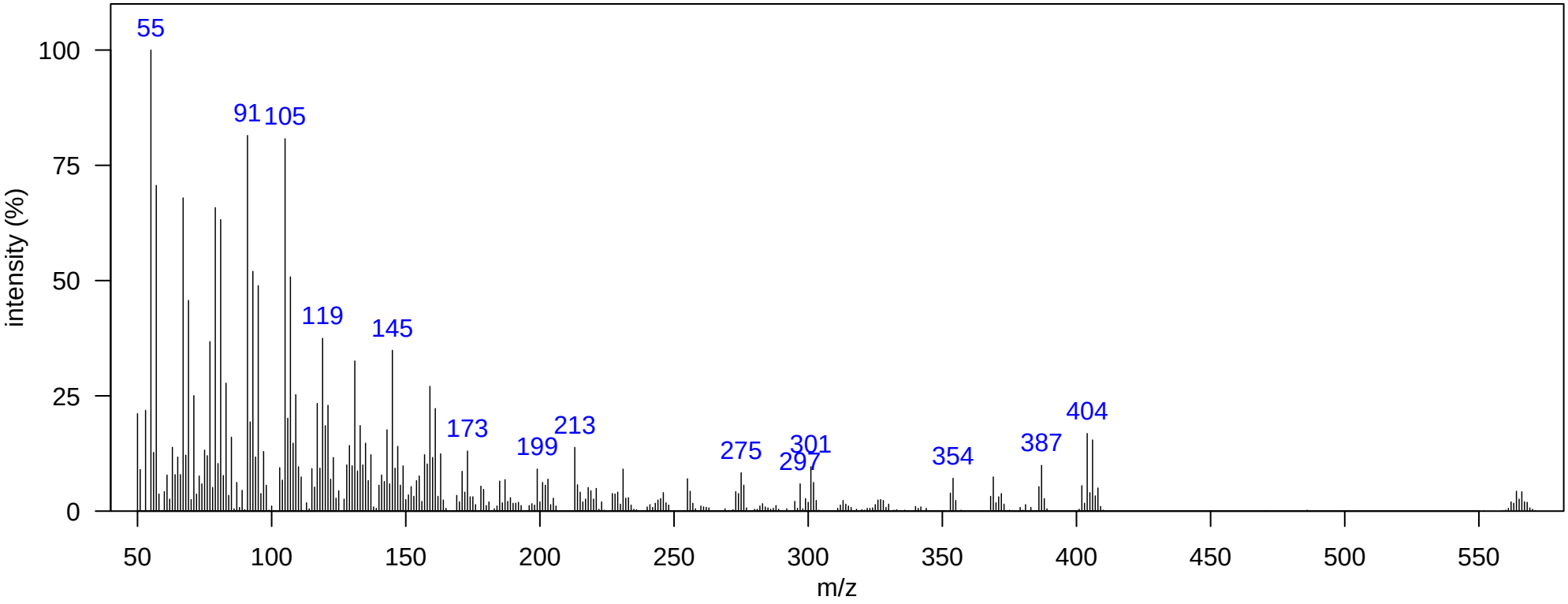
Name: BDE 5Br 3

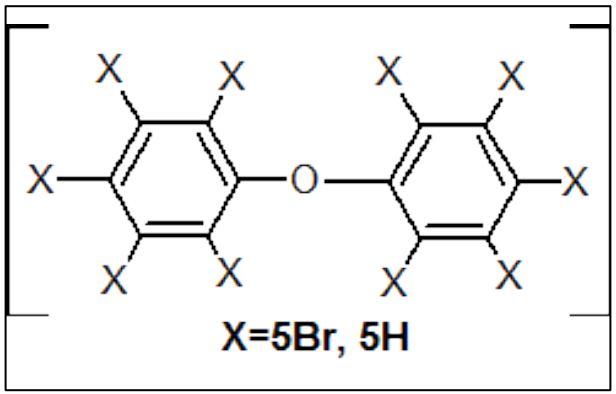
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1691.38, 1.65
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
402 [M−Br2]+
560 M+

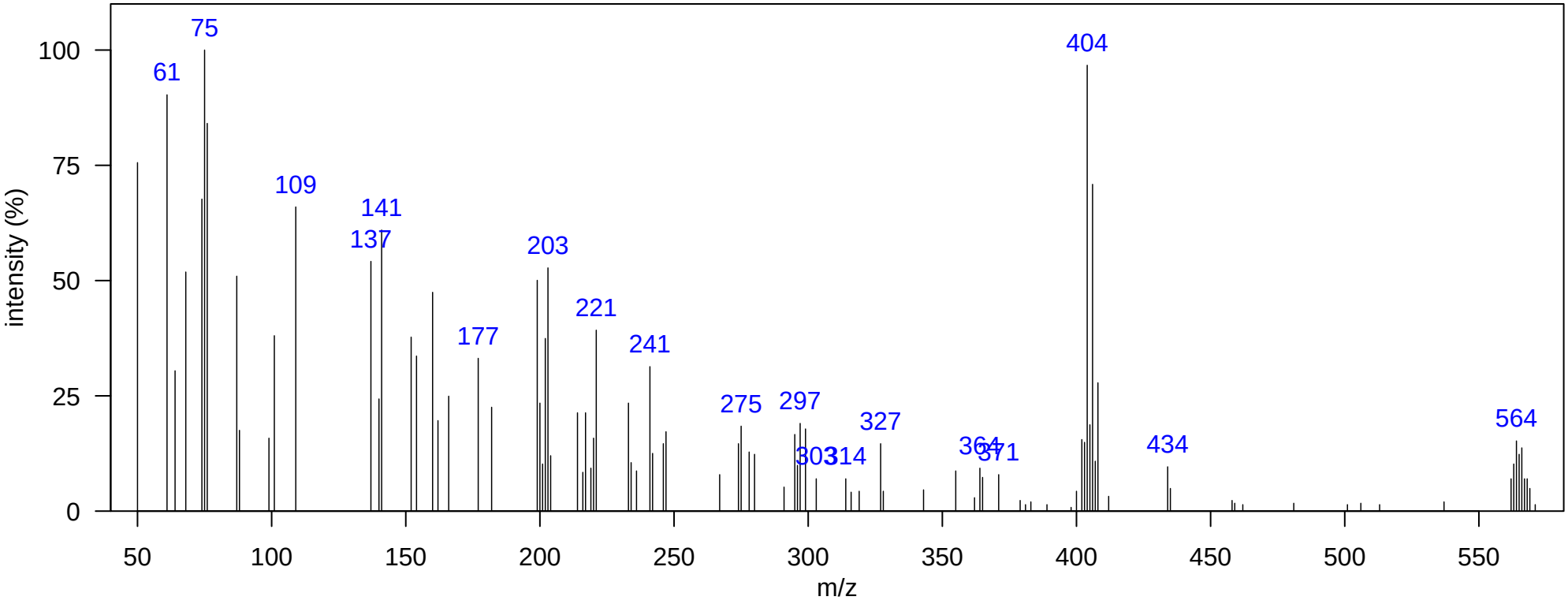
Name: BDE 5Br 4

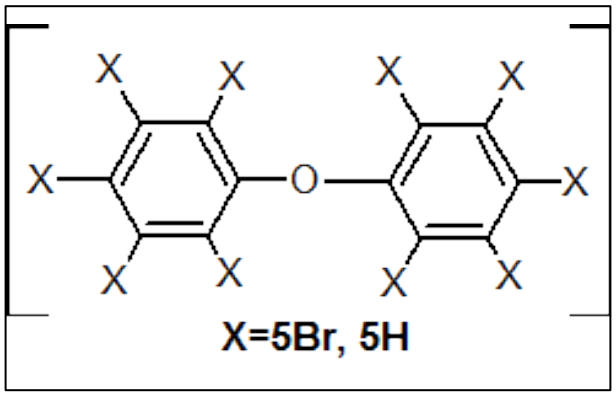
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1743.85, 1.551
Quantitative Ion m/z: 564

Elemental Formula: C12H5Br5O
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
402 [M−Br2]+
560 M+

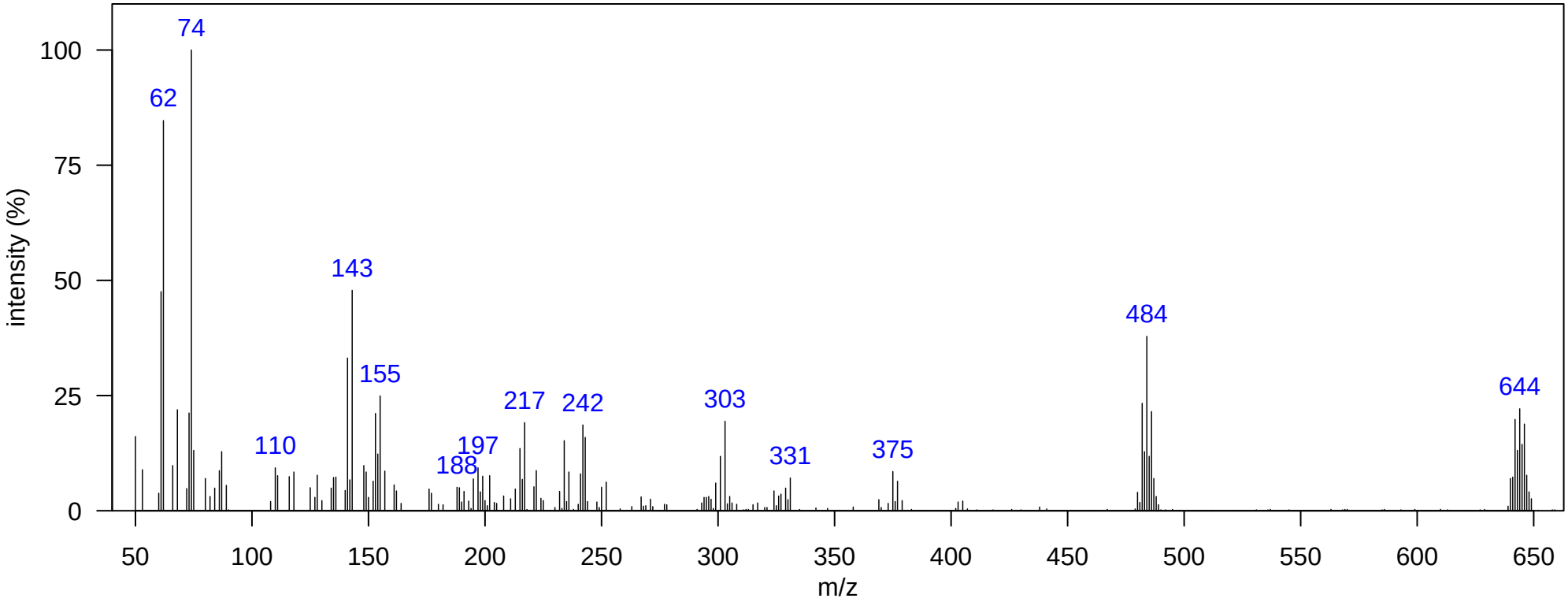
Name: BDE−155

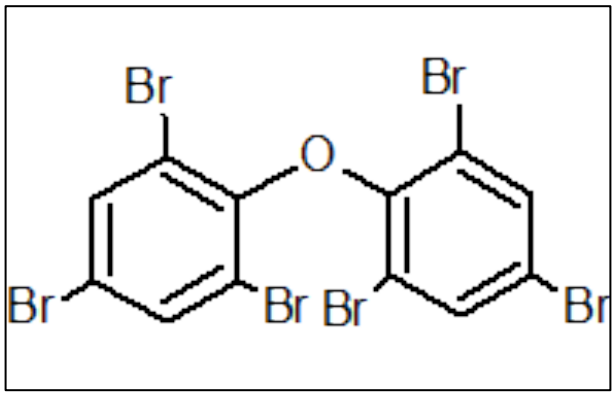
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1750.84, 1.564
Quantitative Ion m/z: 644

Elemental Formula: C12H4Br6O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
480 [M−Br2]+
638 M+

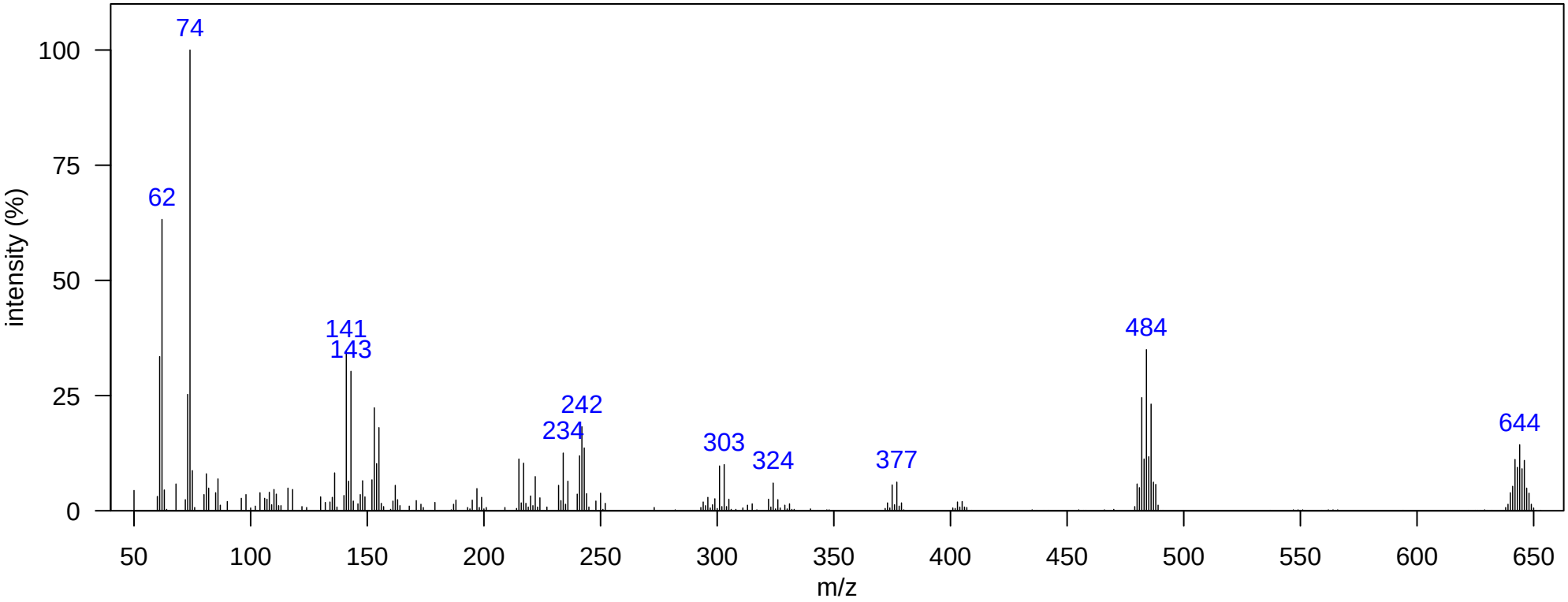
Name: BDE−154

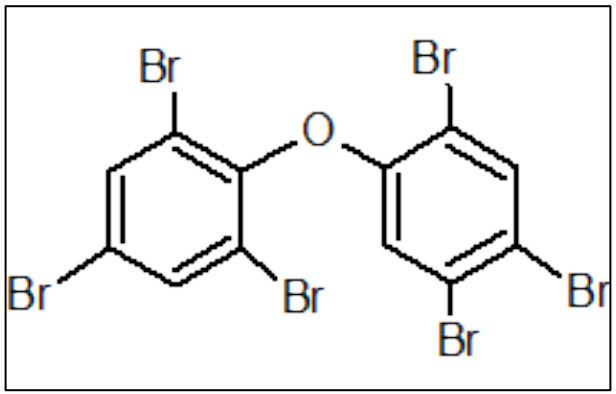
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1768.33, 1.604
Quantitative Ion m/z: 644

Elemental Formula: C12H4Br6O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
480 [M−Br2]+
638 M+

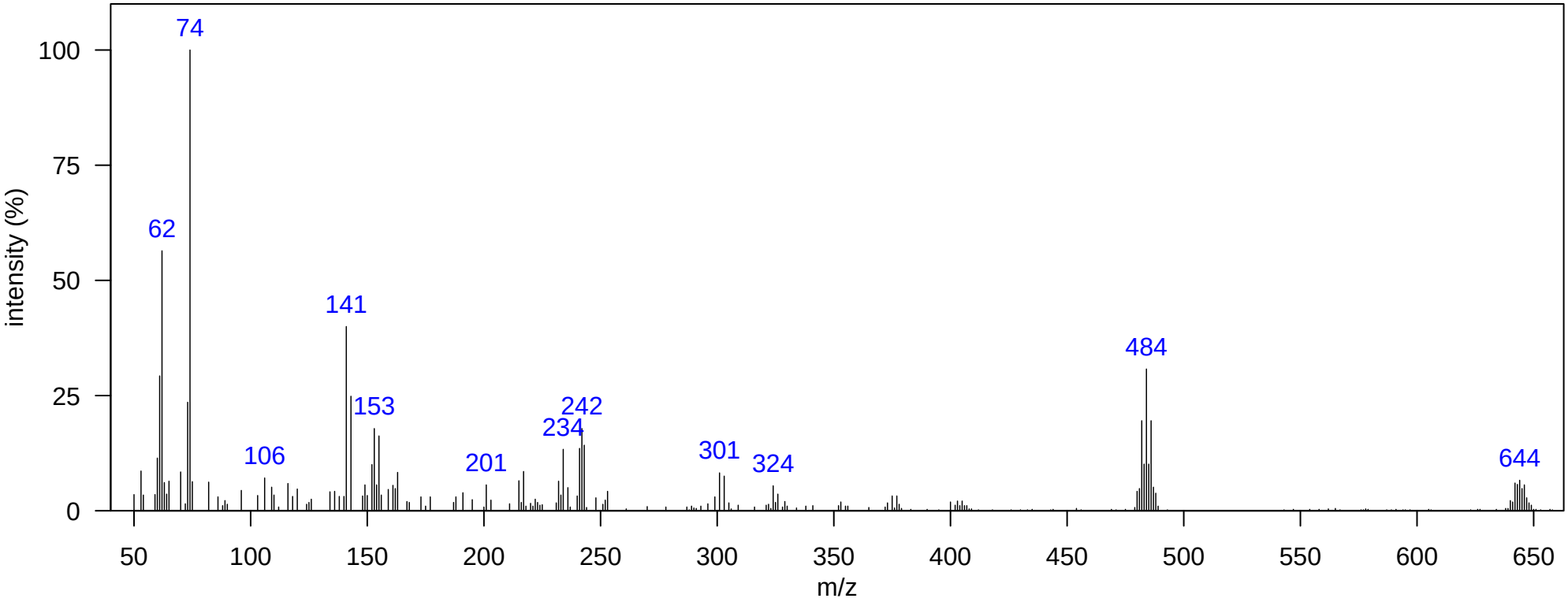
Name: BDE−153

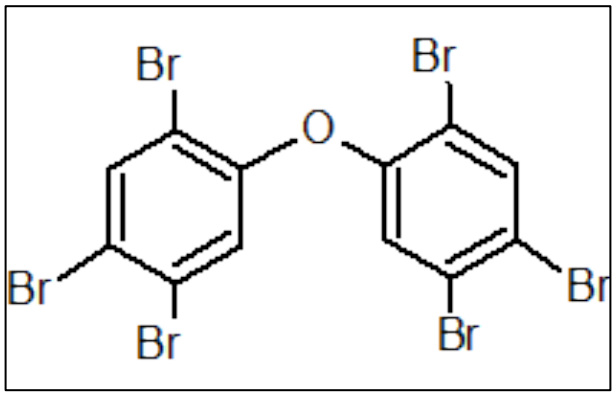
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1813.81, 1.729
Quantitative Ion m/z: 644

Elemental Formula: C12H4Br6O
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
480 [M−Br2]+
638 M+

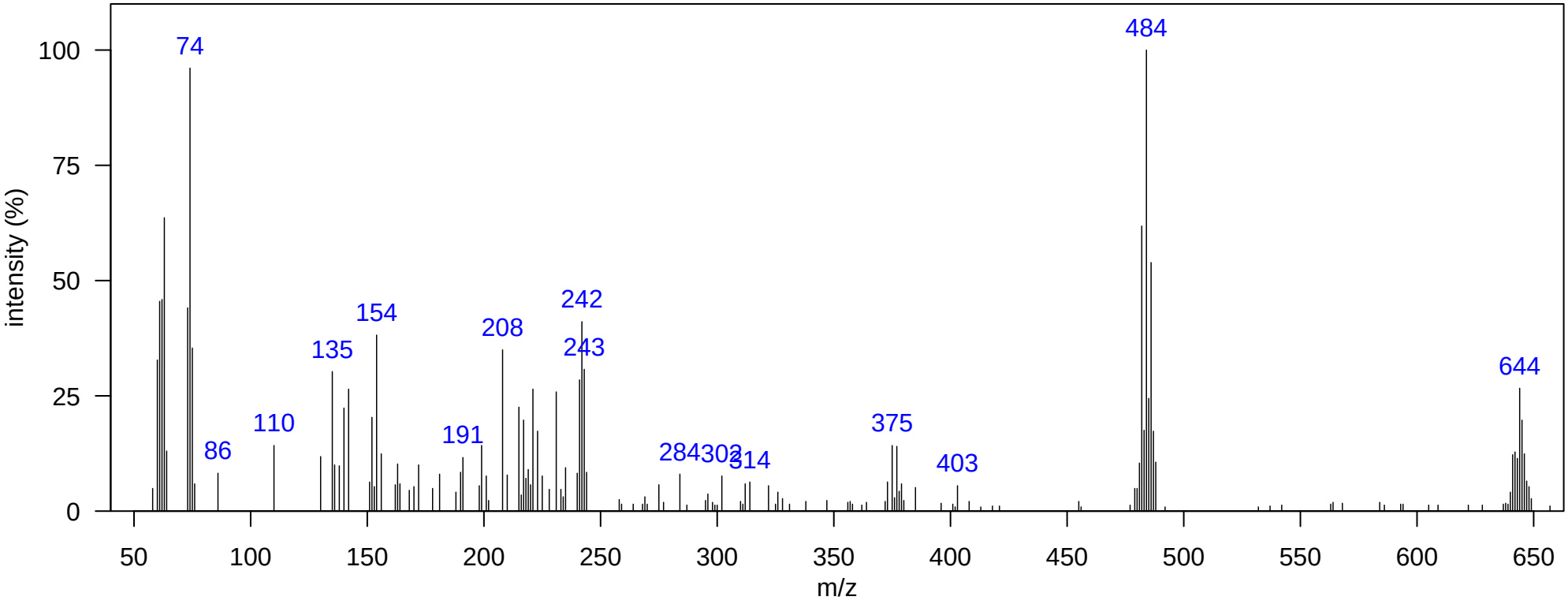
Name: BDE 6Br

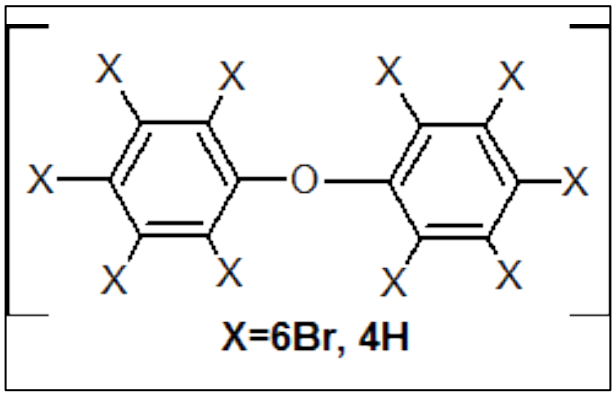
Class: PBDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1831.3, 1.874
Quantitative Ion m/z: 644

Elemental Formula: C12H4Br6O
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
480 [M−Br2]+
638 M+

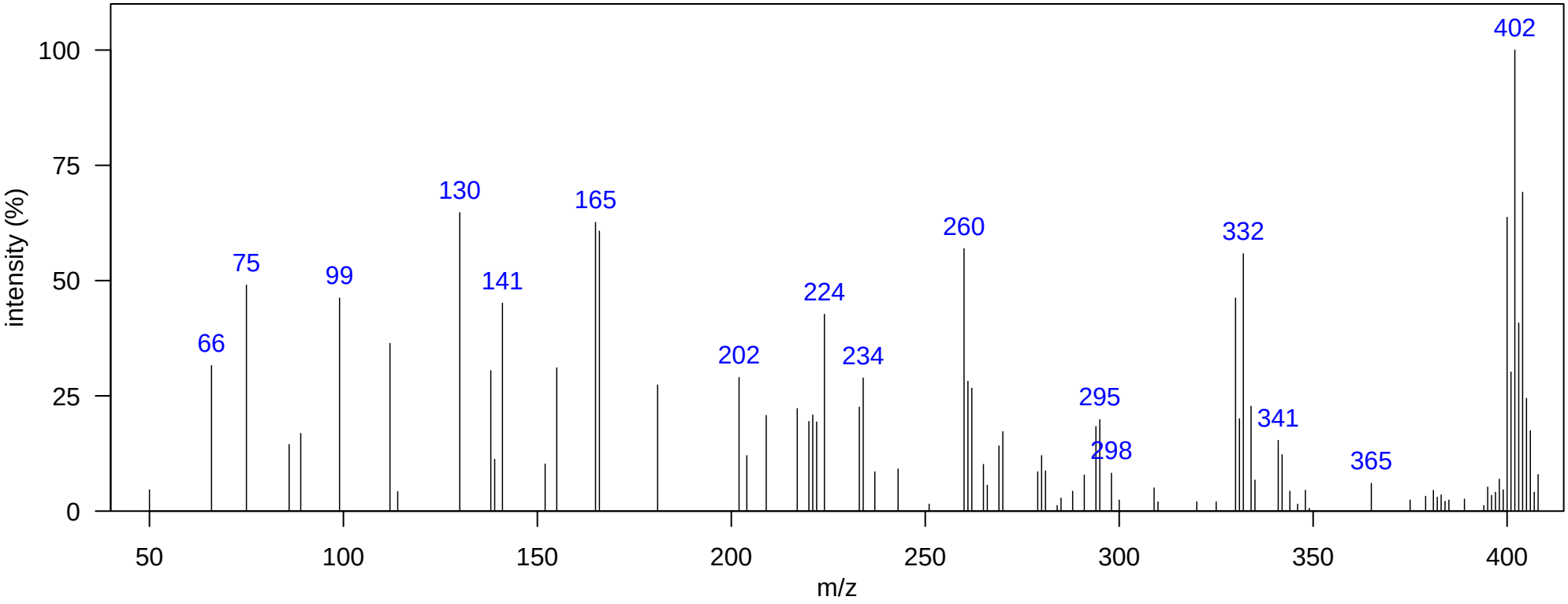
Name: terphenyl 5Cl 1

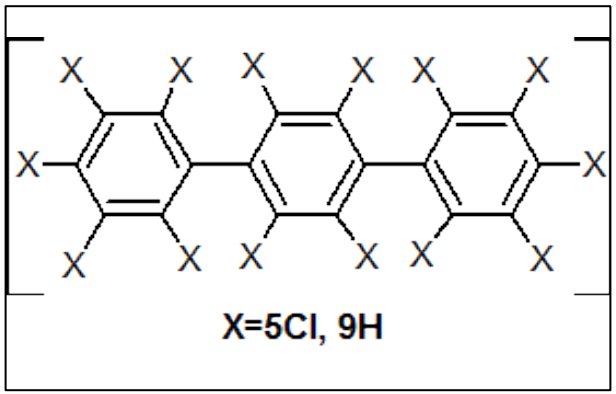
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 5Cl 4 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1719.36, 1.439
Quantitative Ion m/z: 402

Elemental Formula: C18H9Cl5
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
330 [M−Cl2]+
400 M+

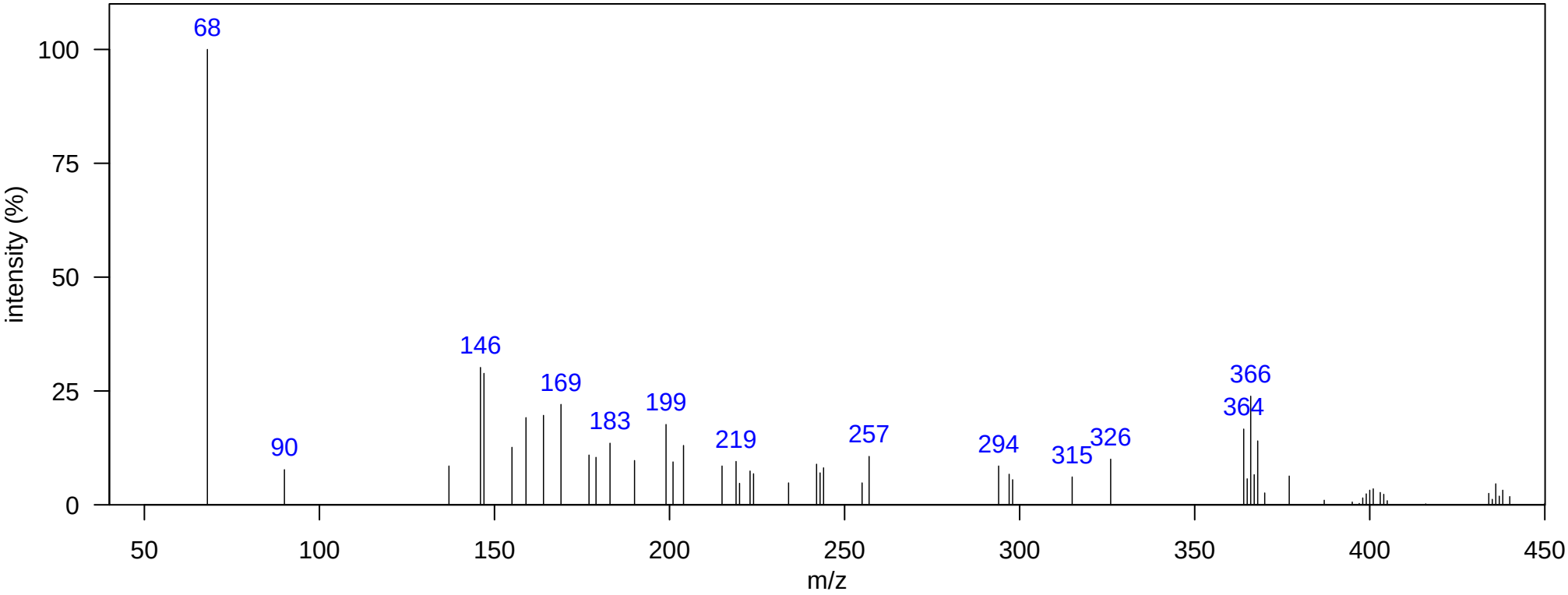
Name: terphenyl 6Cl 1

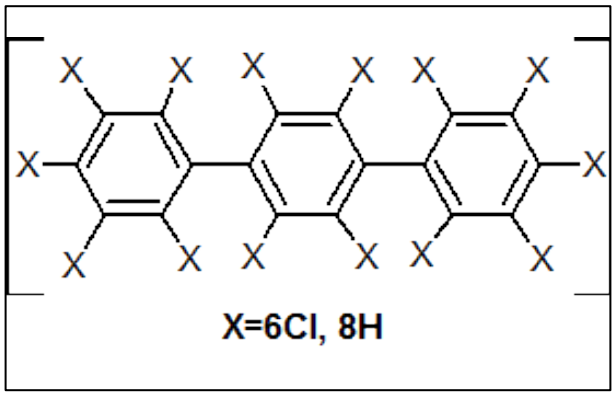
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1628.41, 1.406
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

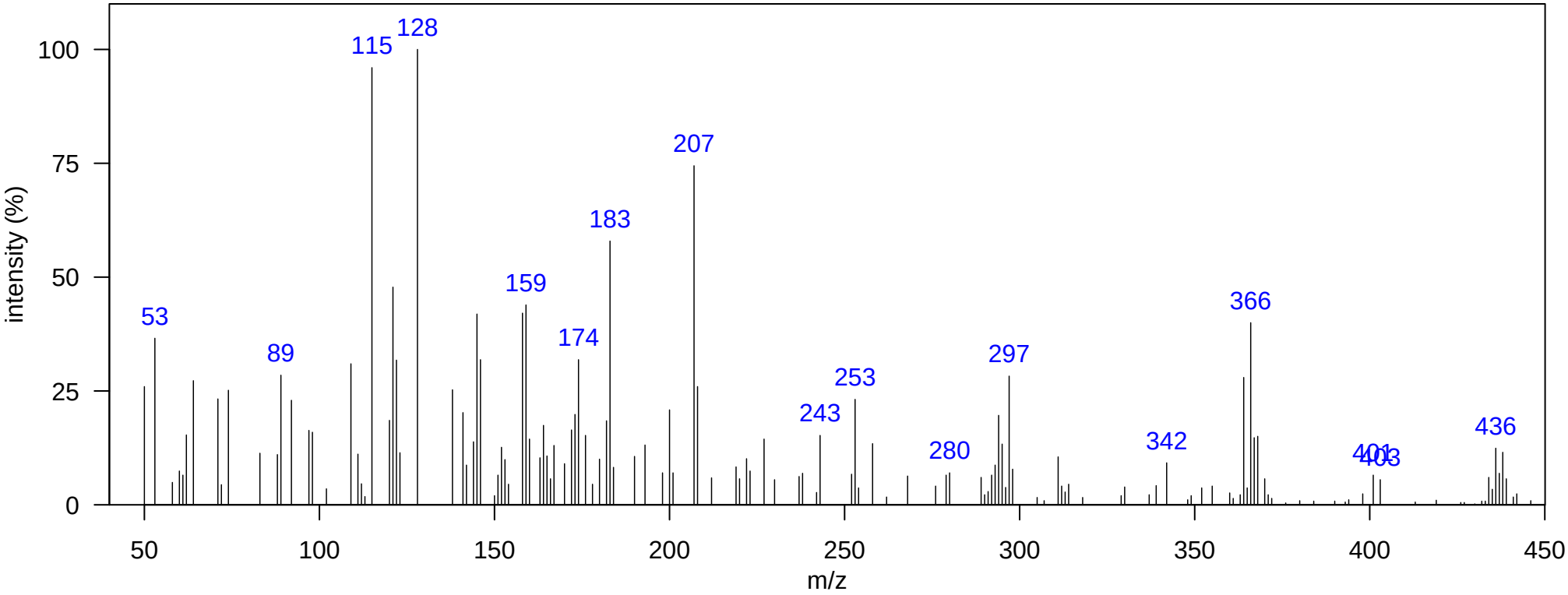
Name: terphenyl 6Cl 2

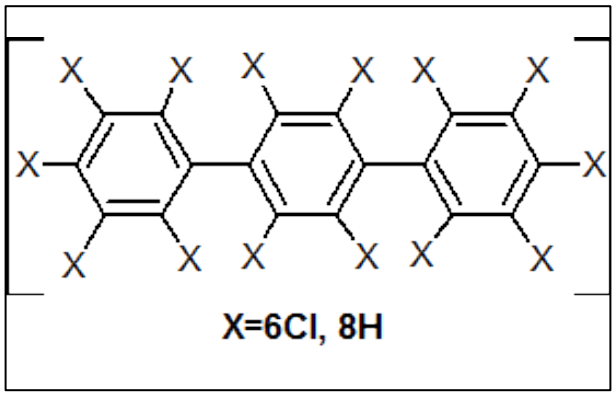
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1694.87, 1.485
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

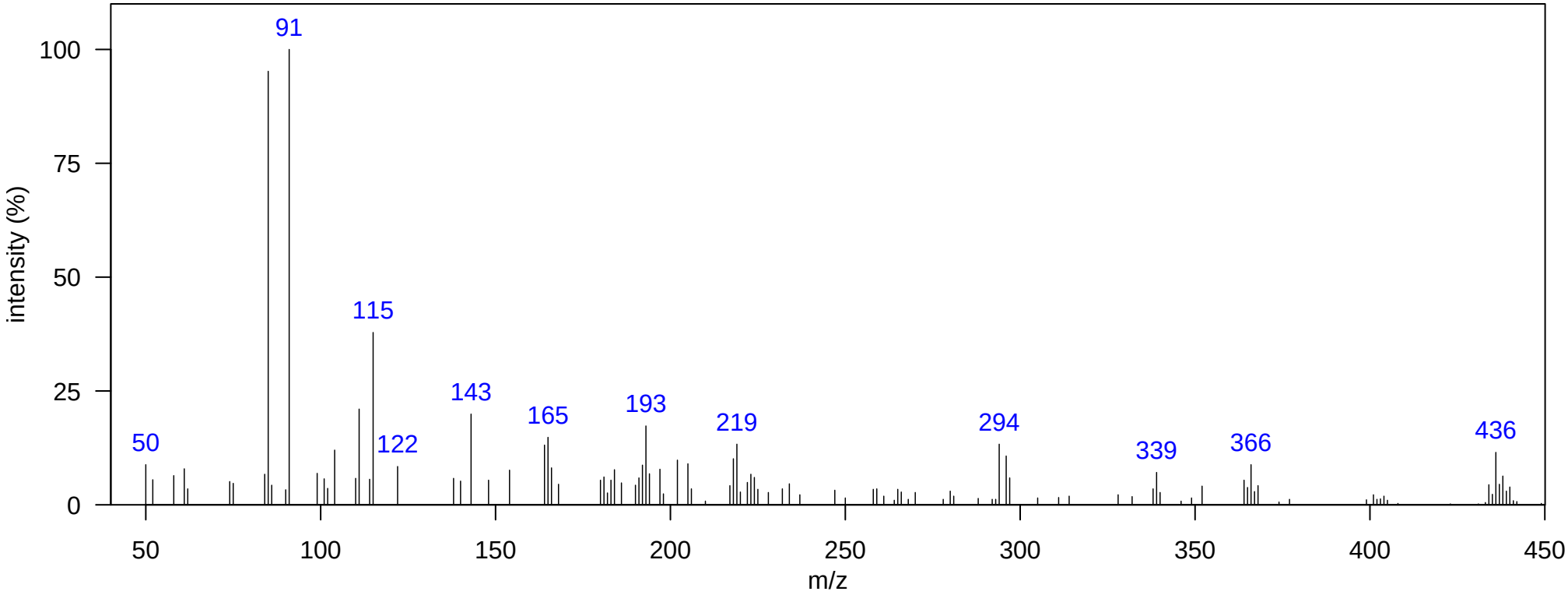
Name: terphenyl 6Cl 3

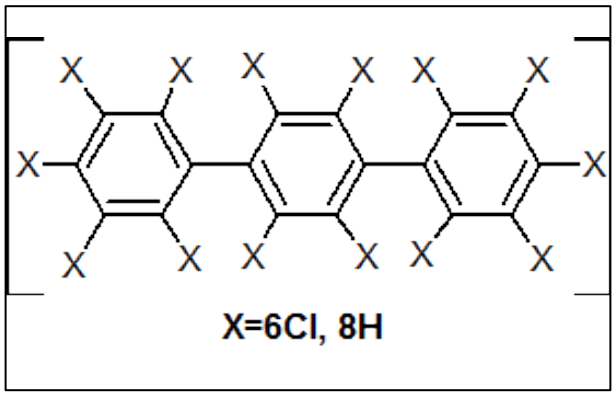
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1708.87, 1.452
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

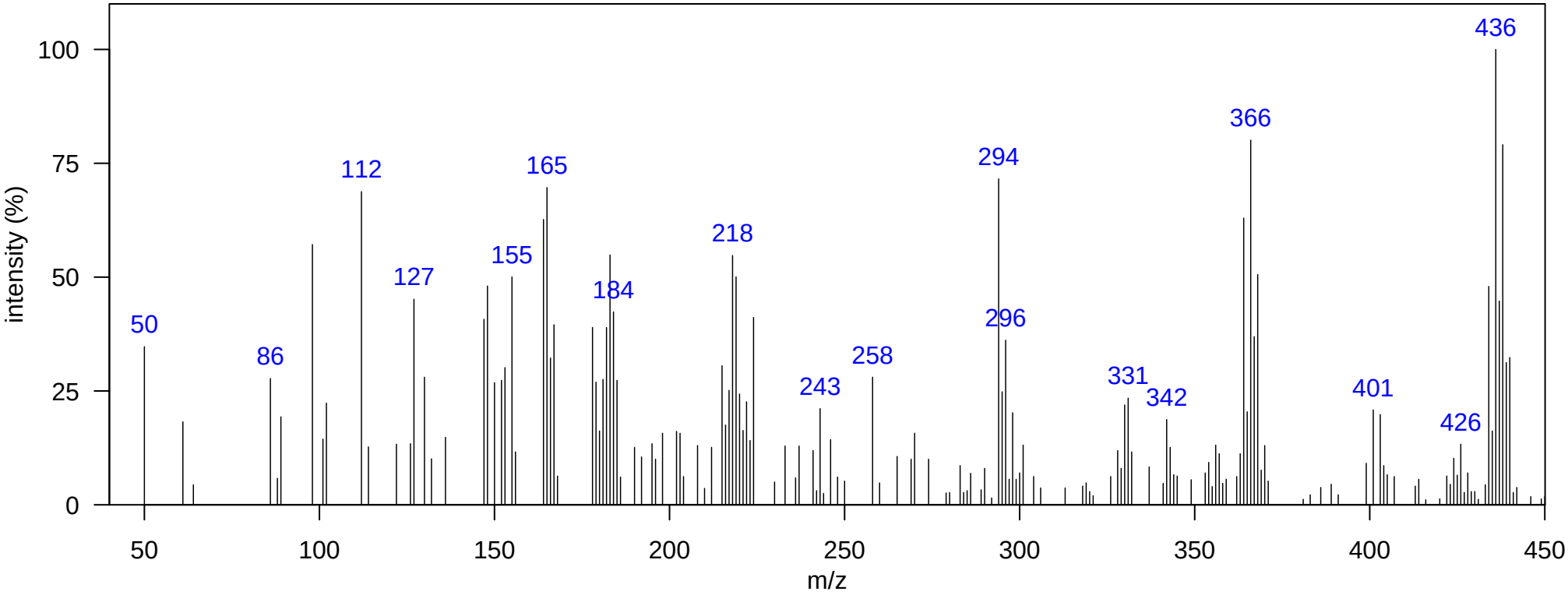
Name: terphenyl 6Cl 4

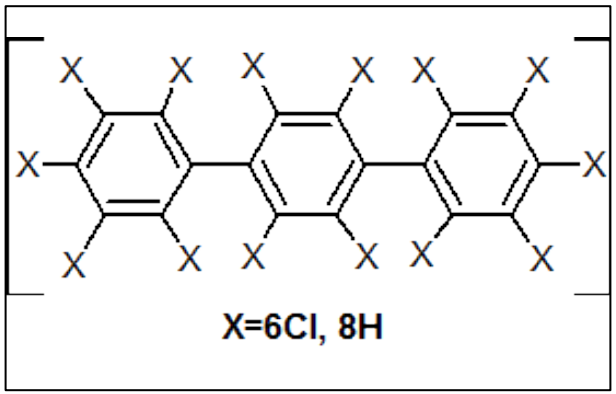
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 2 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1719.36, 1.386
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

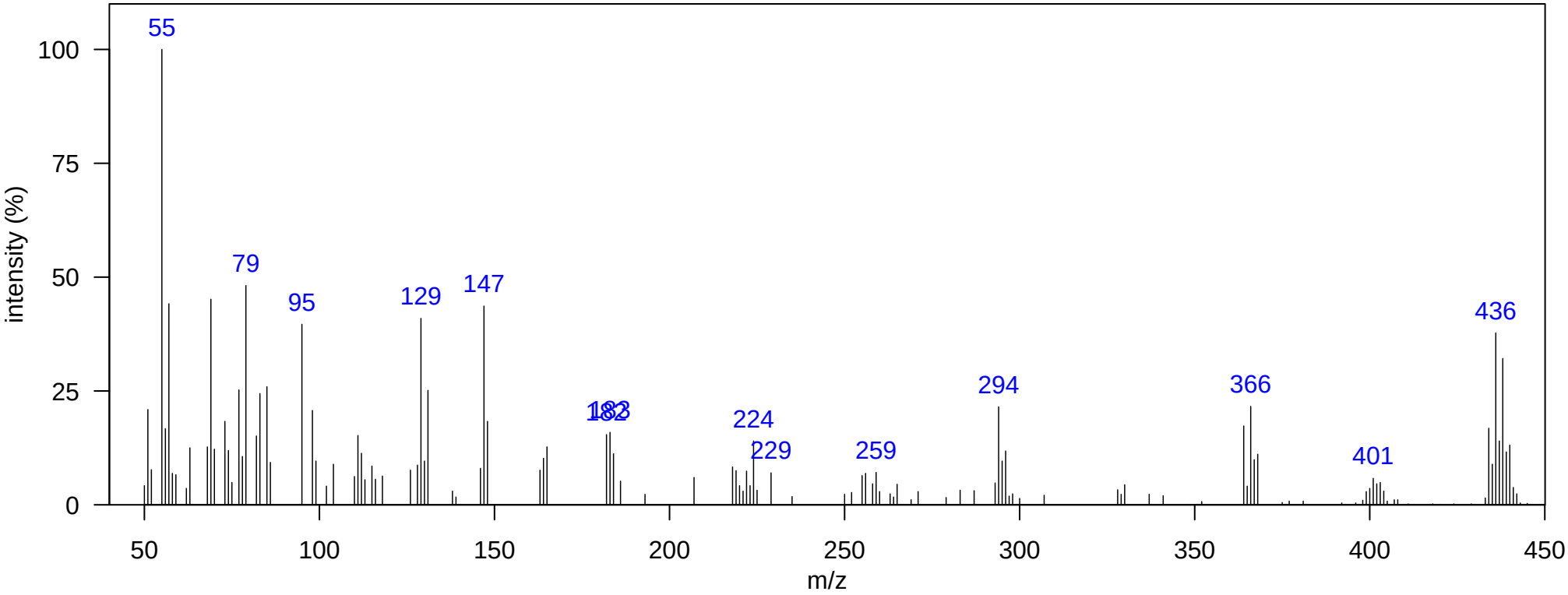
Name: terphenyl 6Cl 5

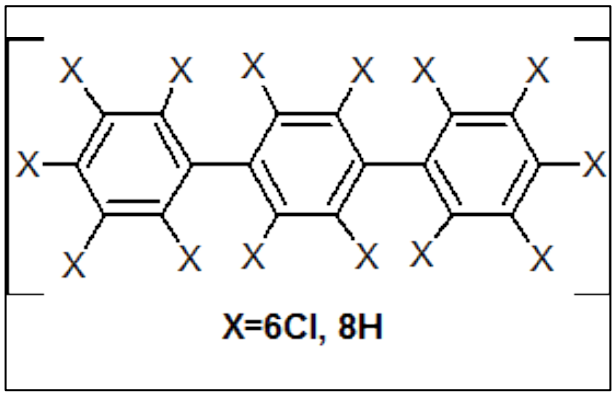
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 3 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1736.85, 1.393
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

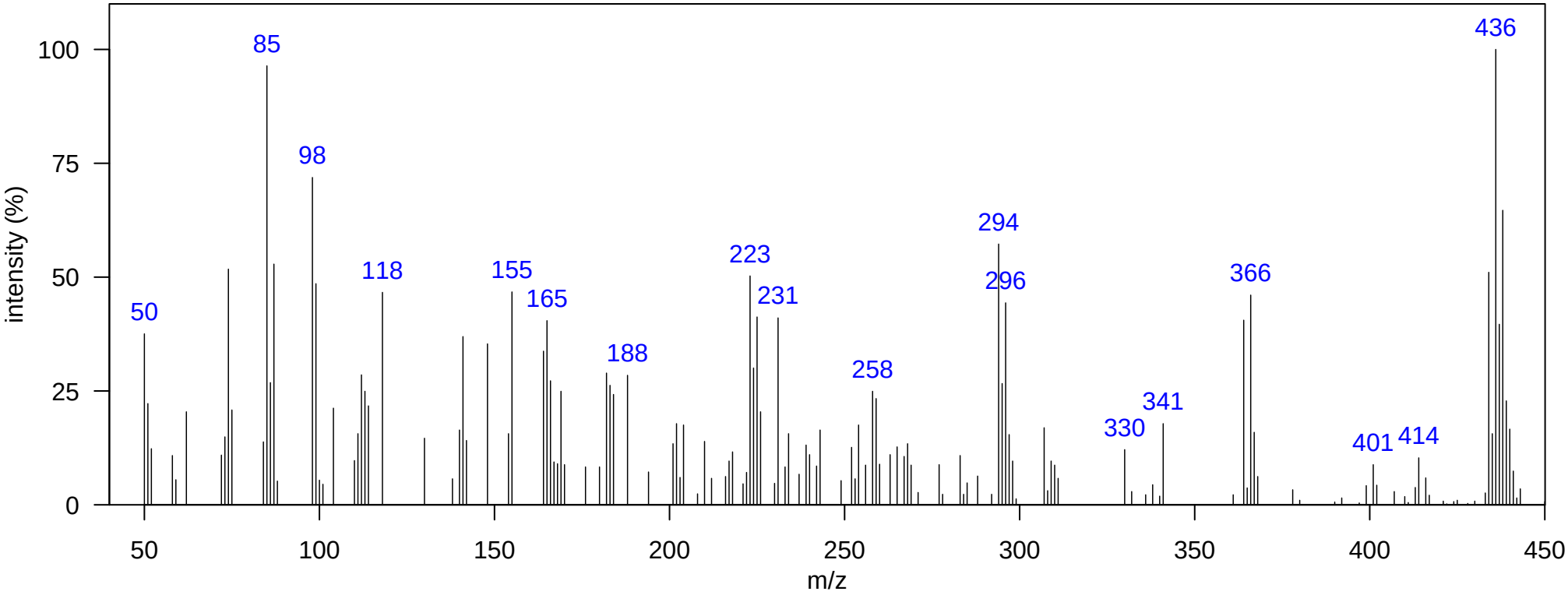
Name: terphenyl 6Cl 6

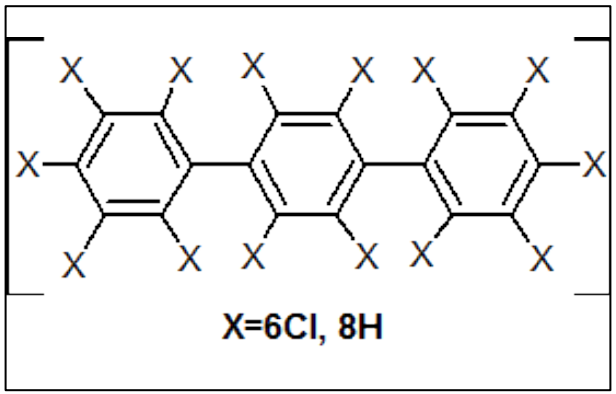
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 4 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1743.85, 1.393
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

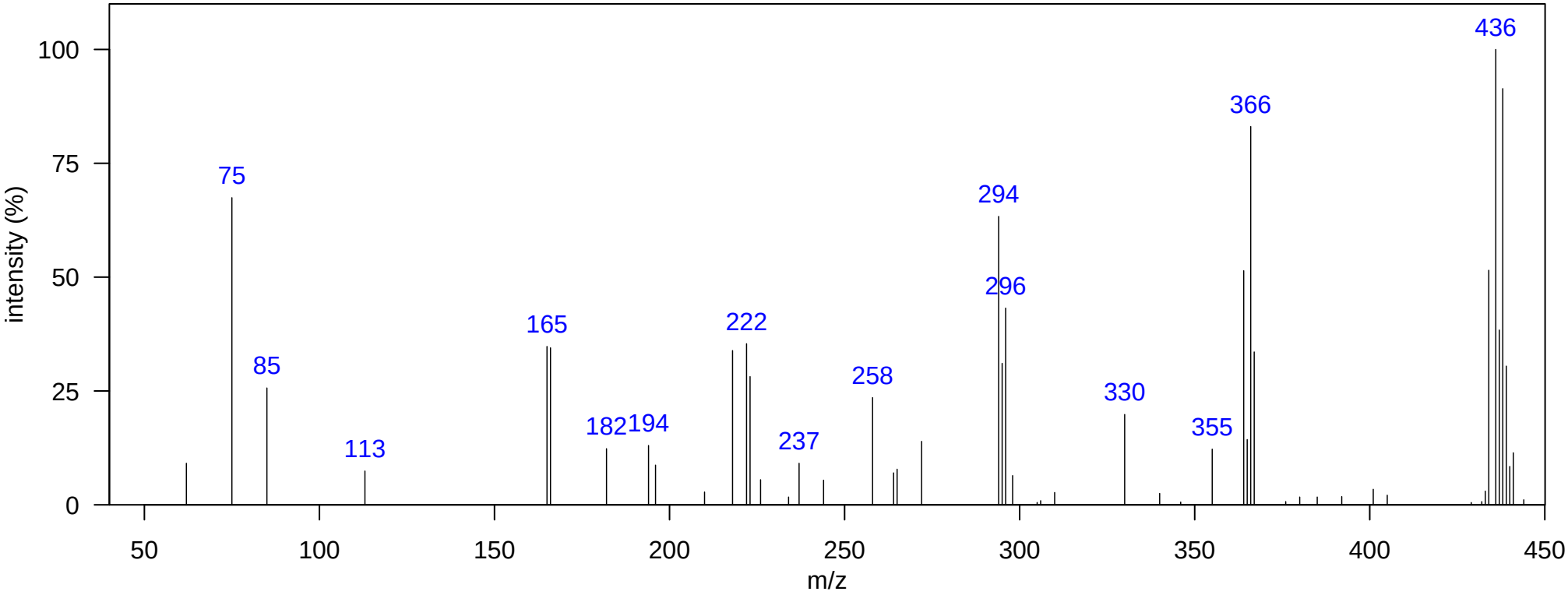
Name: terphenyl 6Cl 7

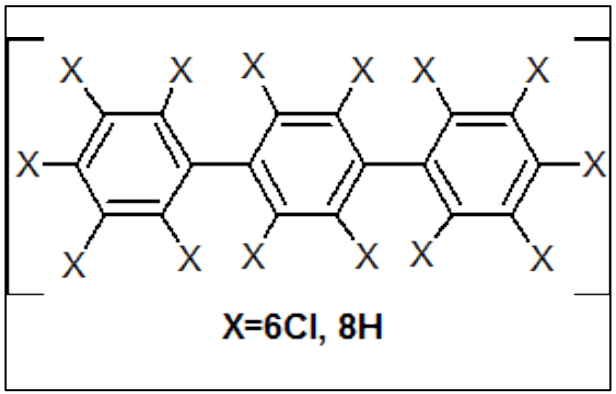
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 5 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1768.33, 1.452
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

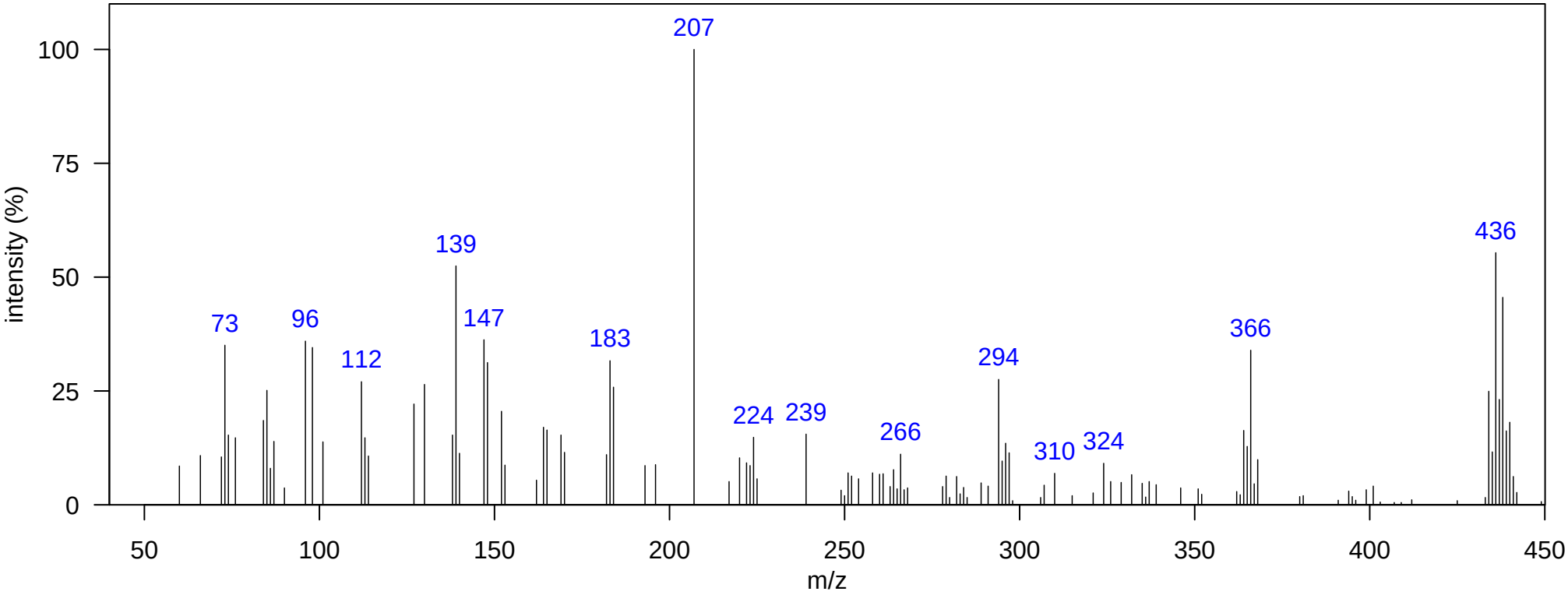
Name: terphenyl 6Cl 8

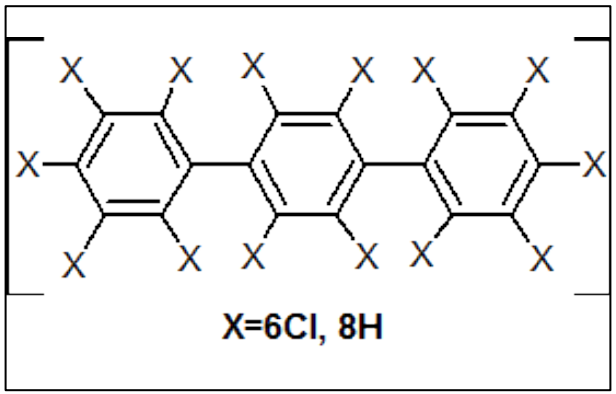
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1778.83, 1.525
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

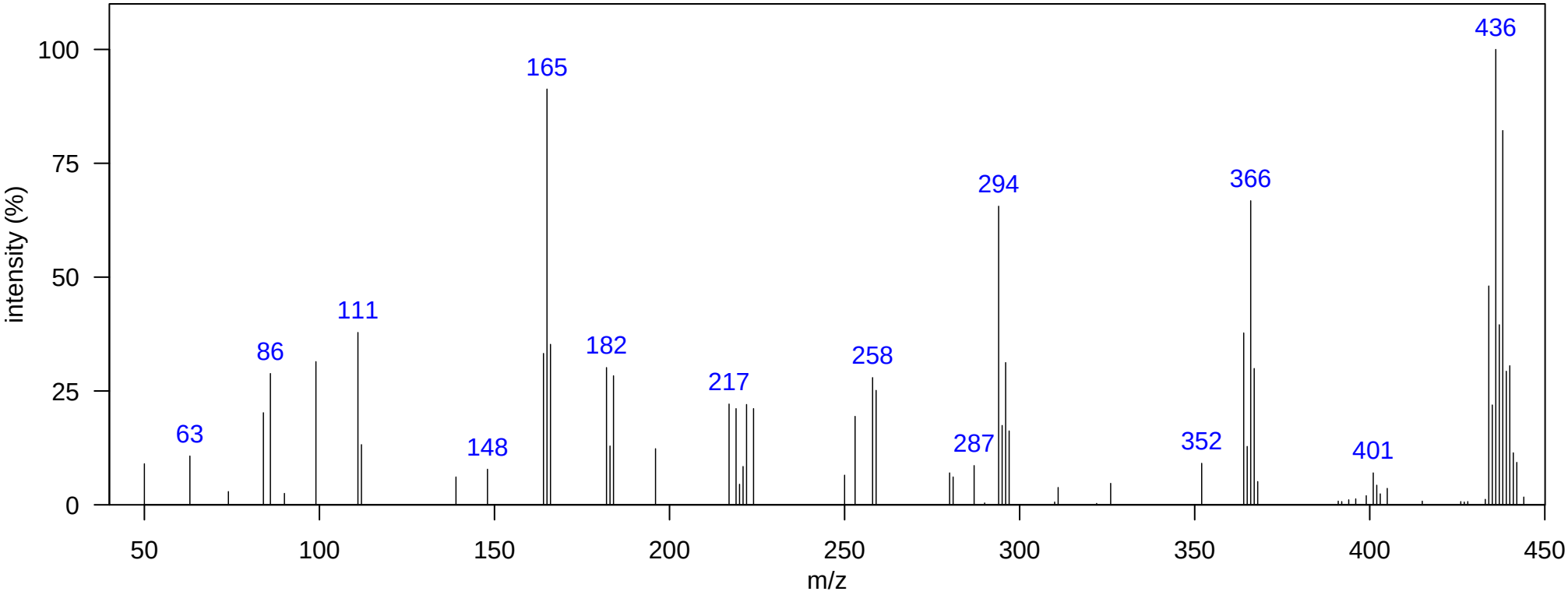
Name: terphenyl 6Cl 9

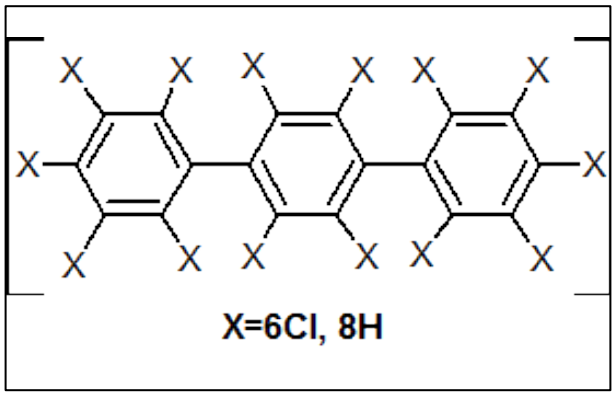
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 6 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1782.32, 1.518
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

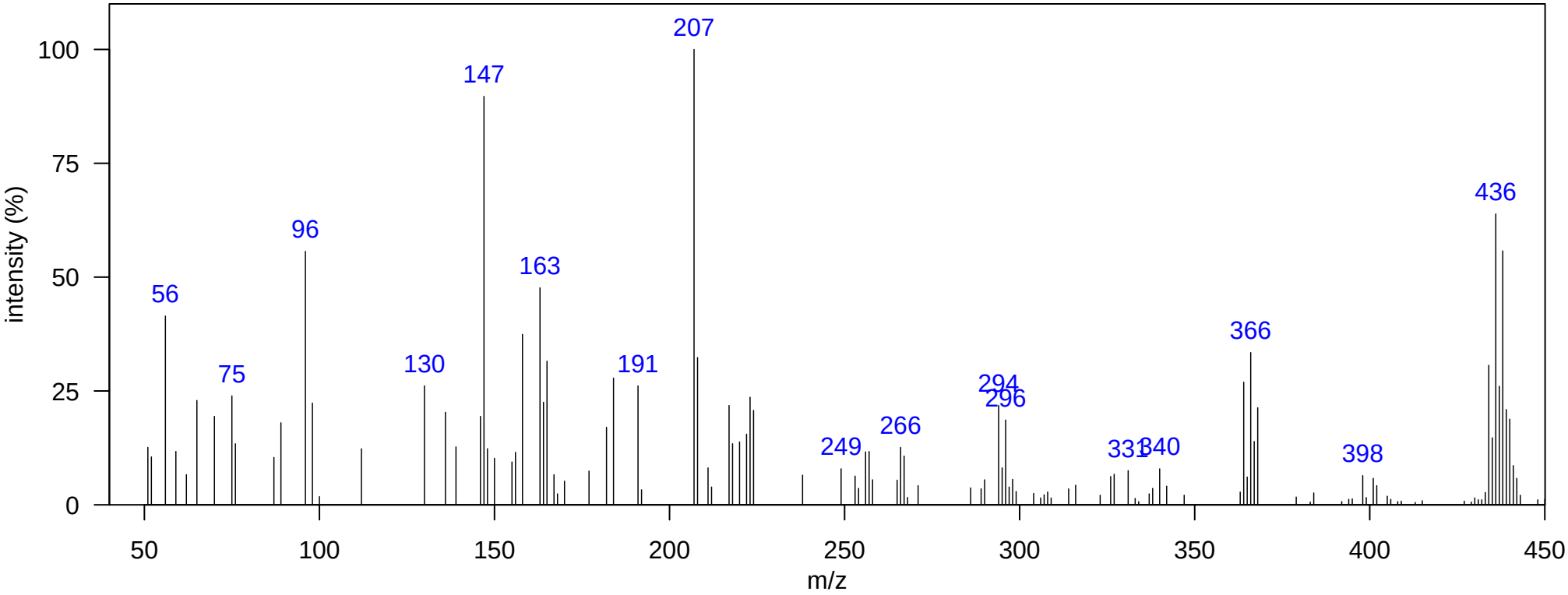
Name: terphenyl 6Cl 10

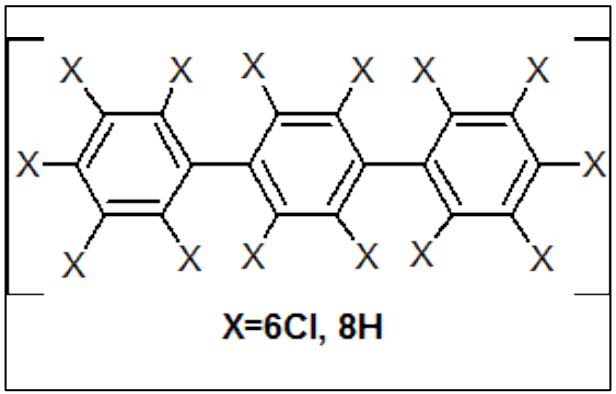
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 7 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1789.32, 1.564
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

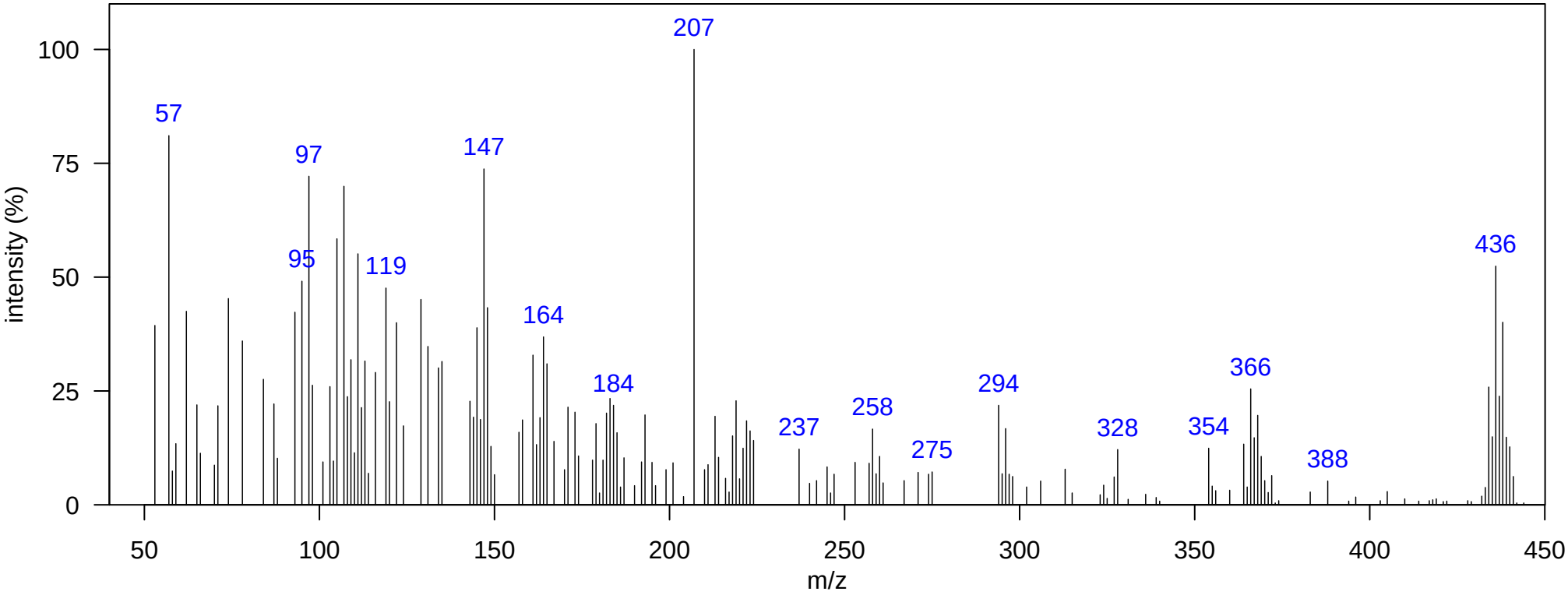
Name: terphenyl 6Cl 11

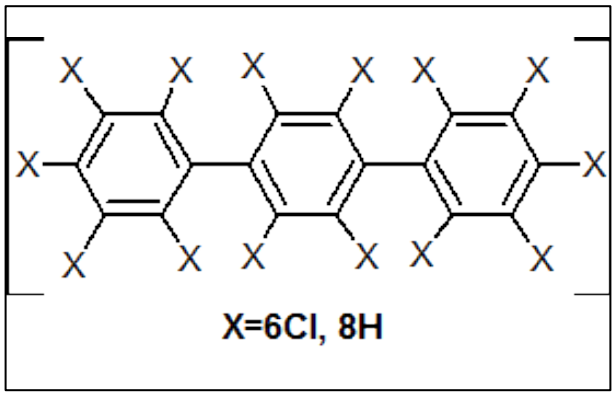
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1799.81, 1.485
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

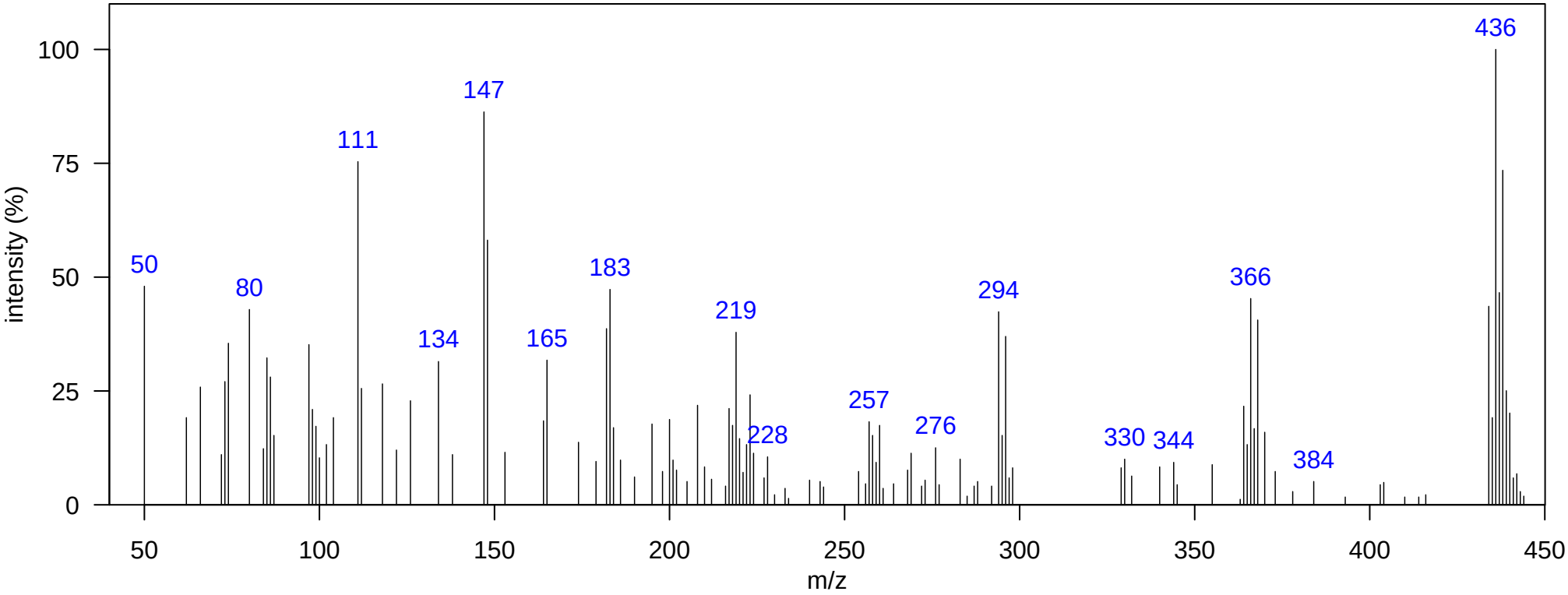
Name: terphenyl 6Cl 12

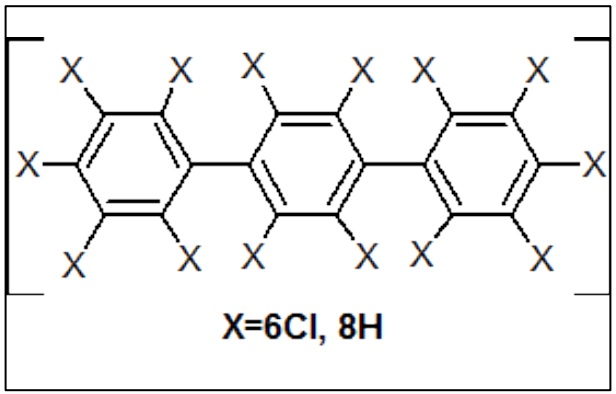
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1806.81, 1.485
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

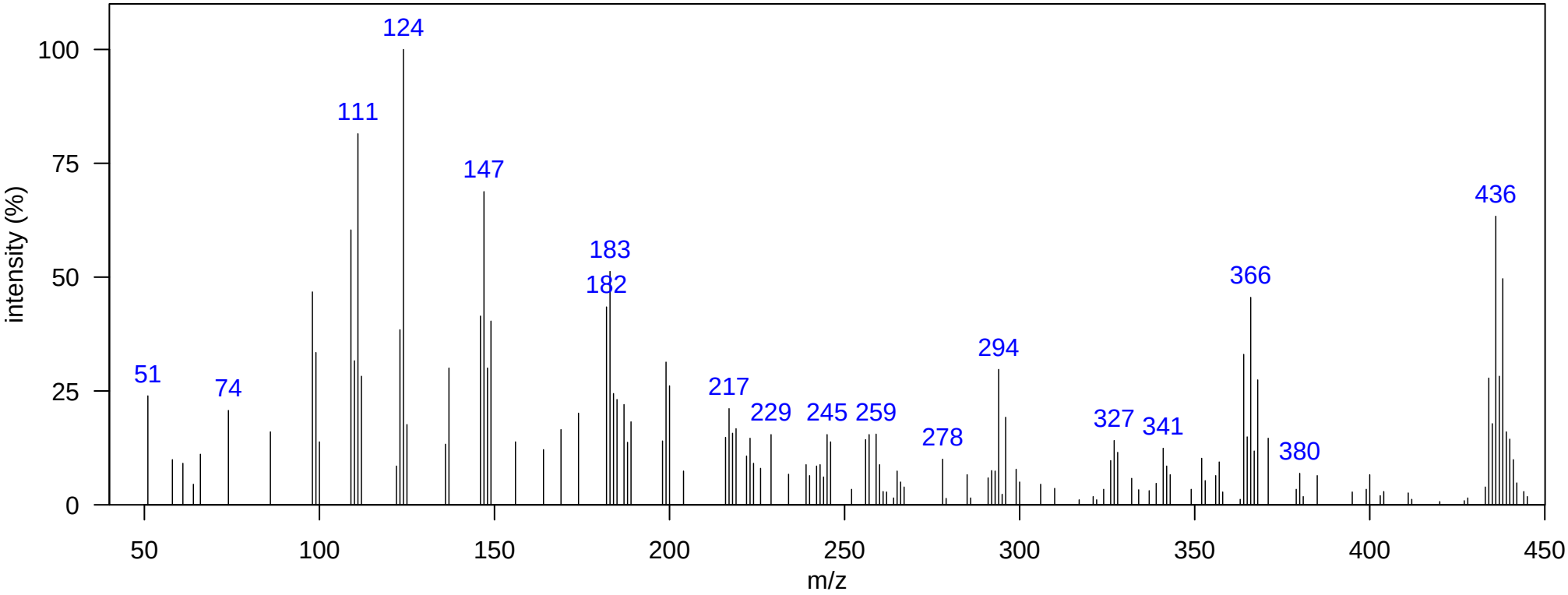
Name: terphenyl 6Cl 13

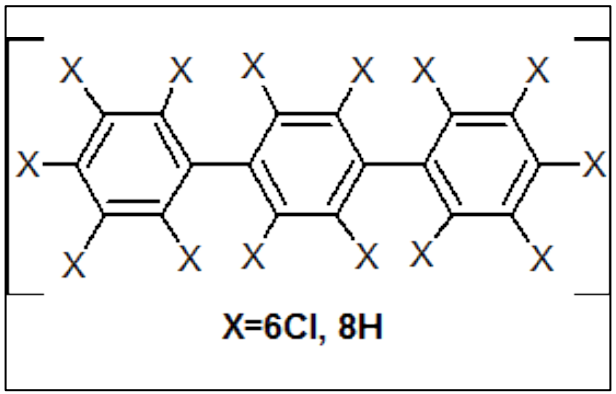
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1827.8, 1.637
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

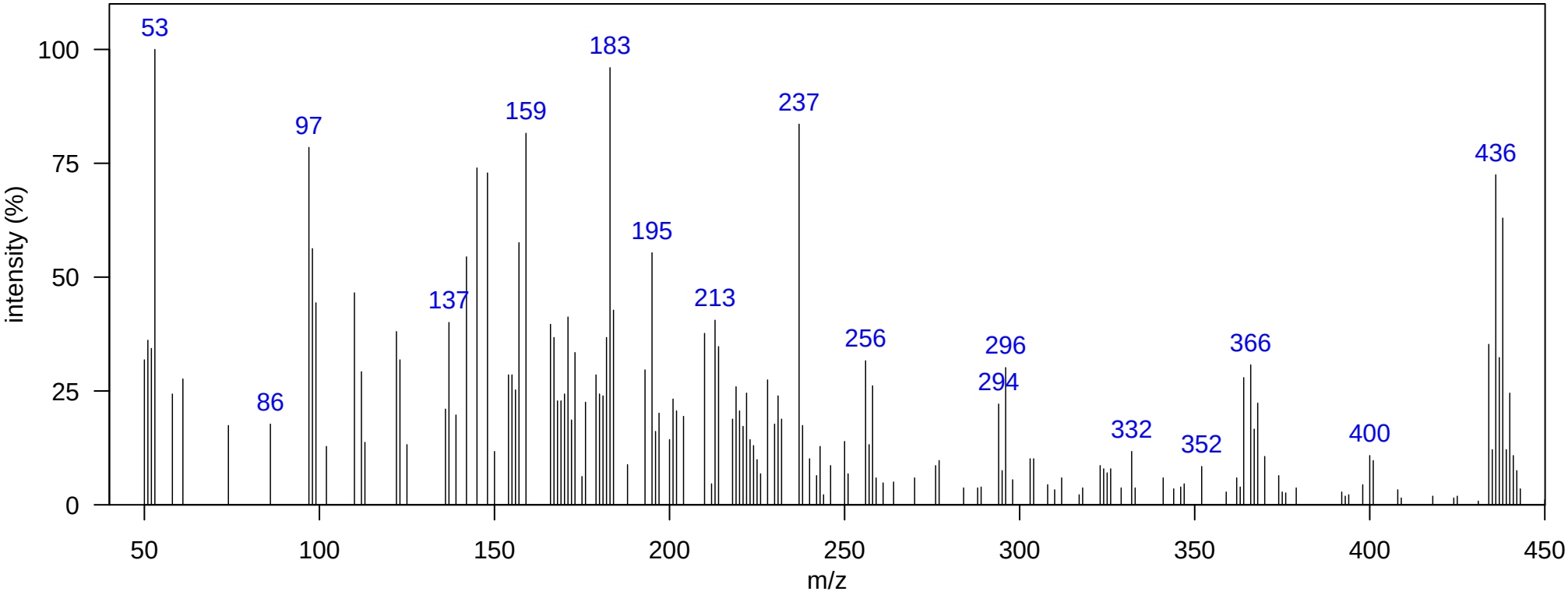
Name: terphenyl 6Cl 14

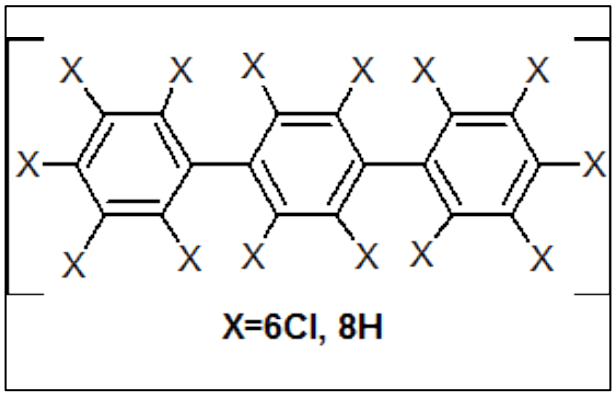
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 6Cl 8 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1838.29, 1.67
Quantitative Ion m/z: 438

Elemental Formula: C18H8Cl6
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
364 [M−Cl2]+
434 M+

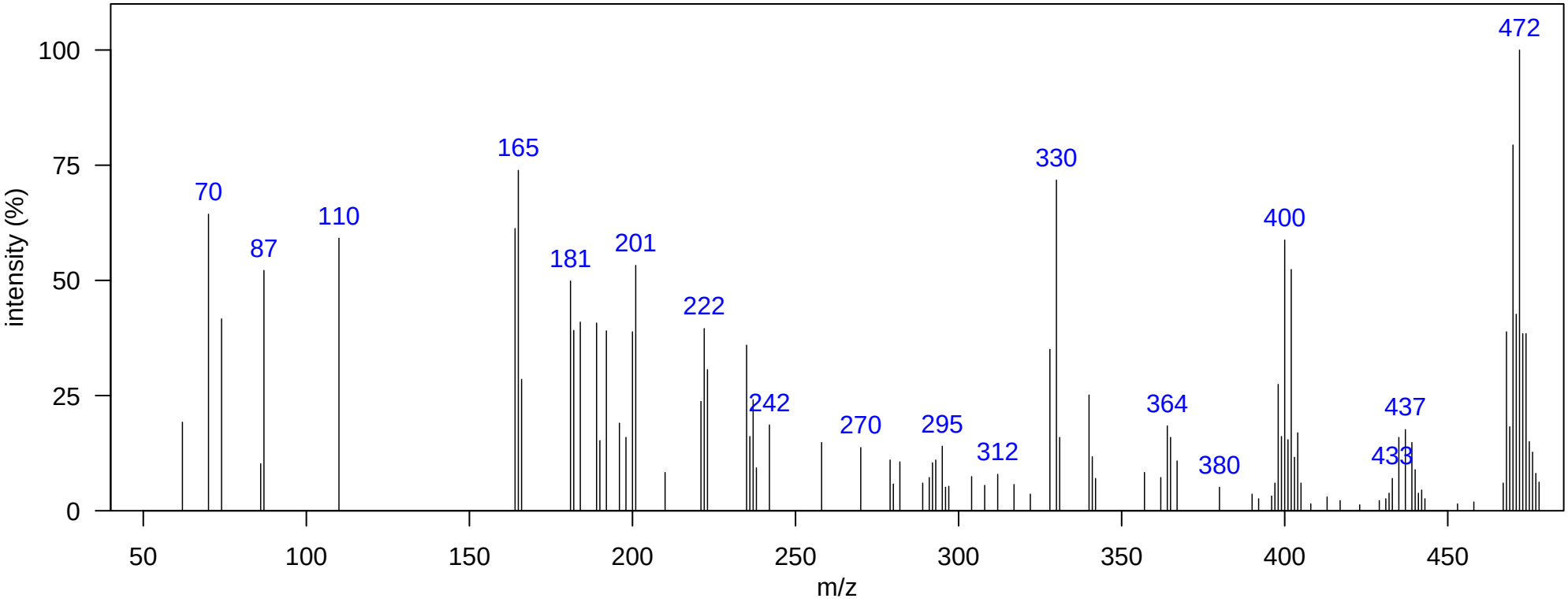
Name: terphenyl 7Cl 1

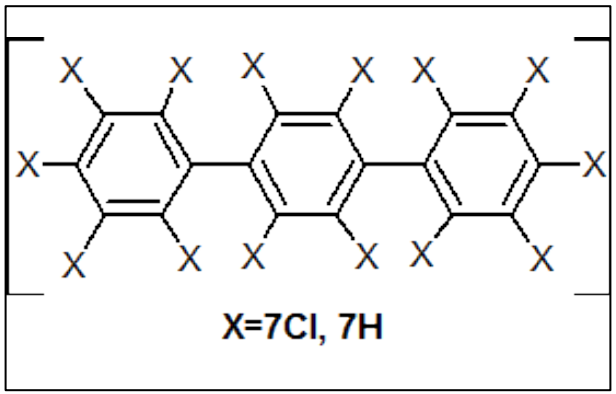
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 7Cl 2 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1785.82, 1.478
Quantitative Ion m/z: 470

Elemental Formula: C18H7Cl7
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
398 [M−Cl2]+
468 M+

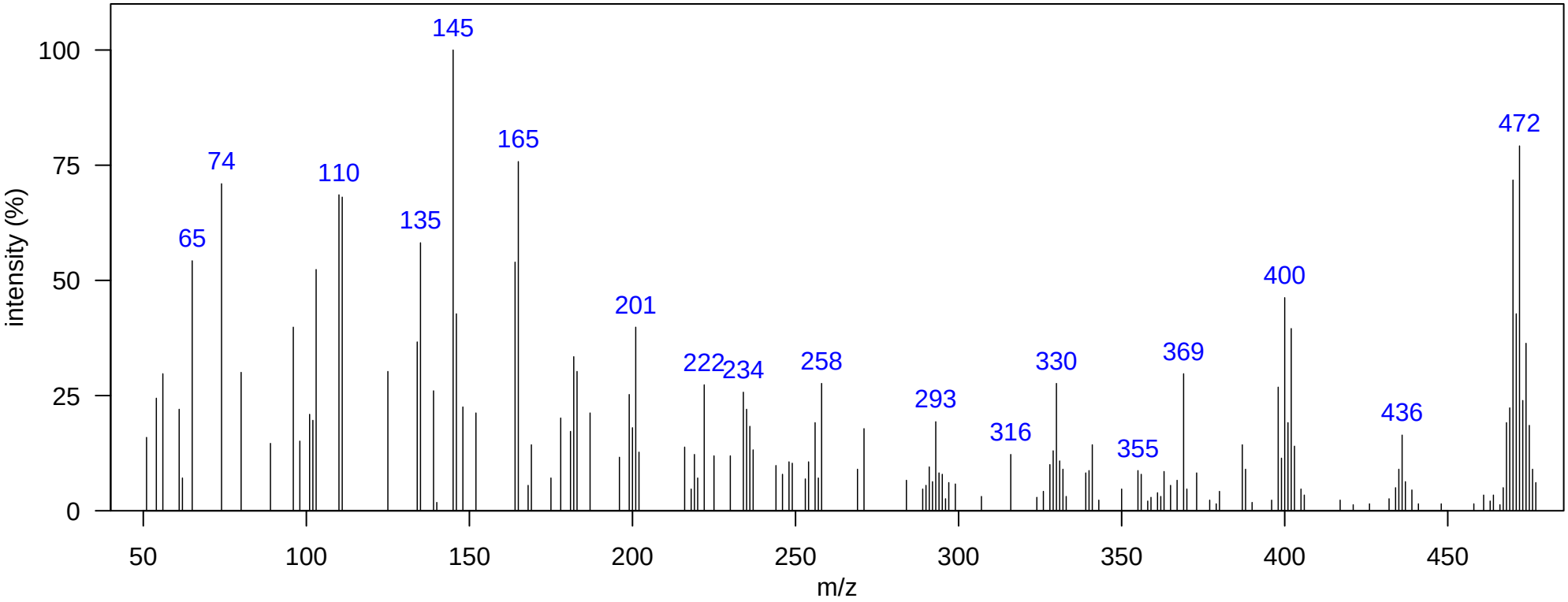
Name: terphenyl 7Cl 2

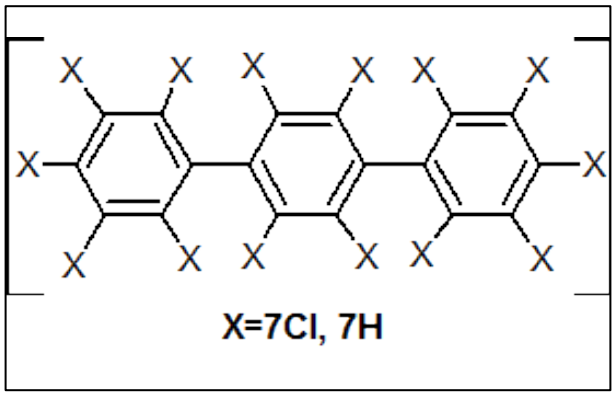
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1813.81, 1.584
Quantitative Ion m/z: 470

Elemental Formula: C18H7Cl7
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
398 [M−Cl2]+
468 M+

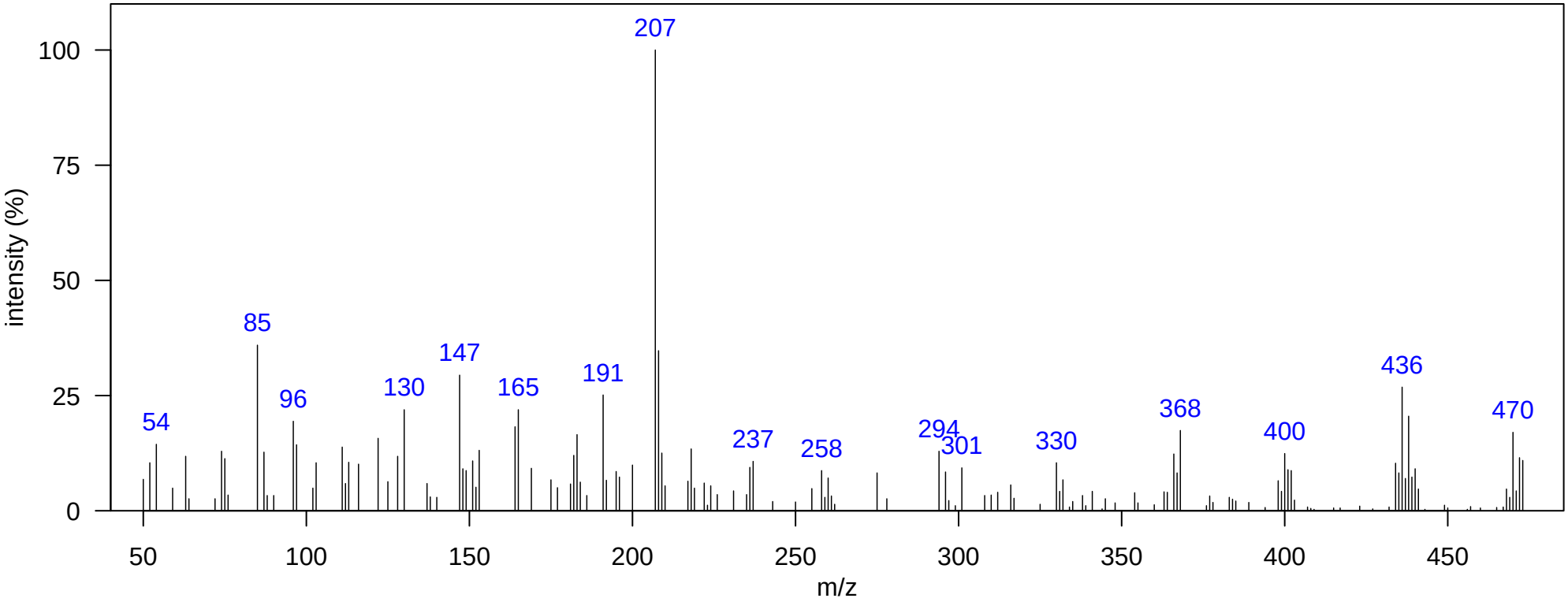
Name: terphenyl 7Cl 3

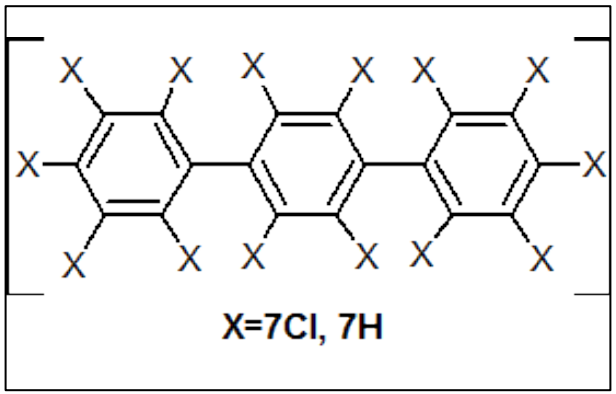
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 7Cl 4 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1820.8, 1.597
Quantitative Ion m/z: 470

Elemental Formula: C18H7Cl7
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
398 [M−Cl2]+
468 M+

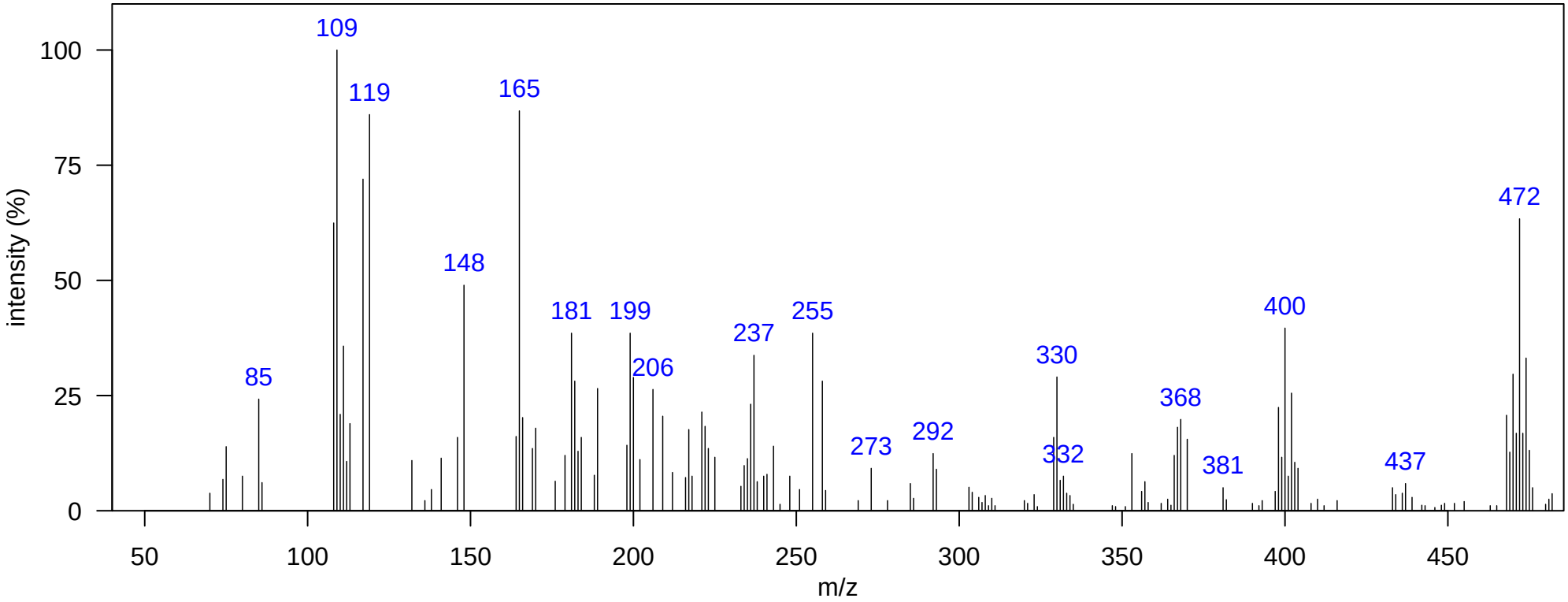
Name: terphenyl 7Cl 4

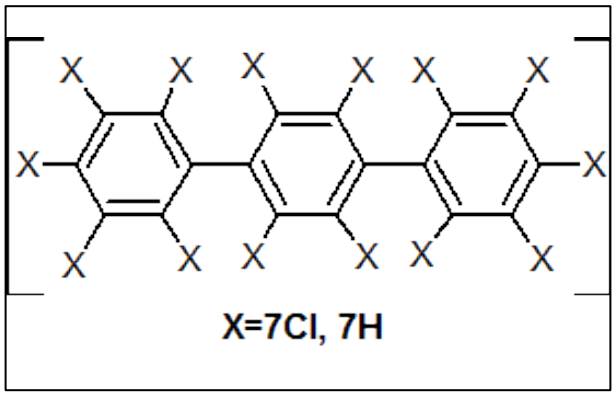
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 7Cl 8 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1887.26, 1.769
Quantitative Ion m/z: 470

Elemental Formula: C18H7Cl7
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
398 [M−Cl2]+
468 M+

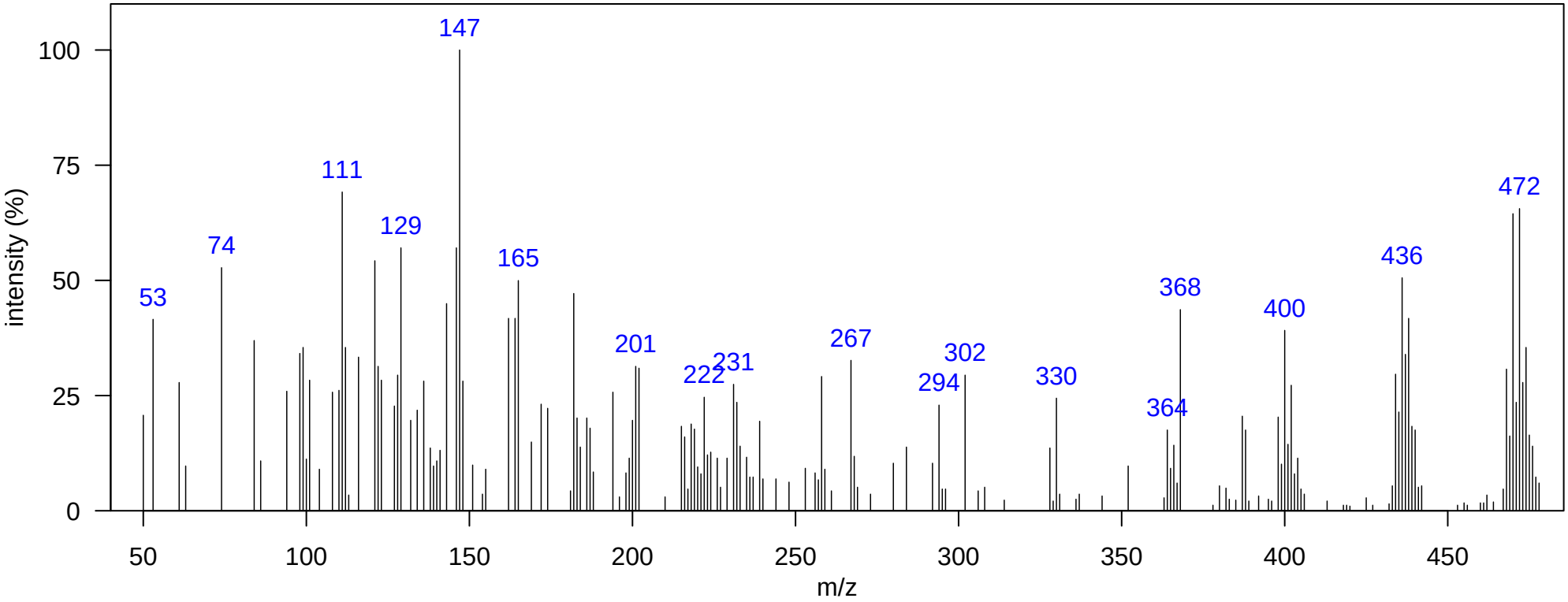
Name: terphenyl 7Cl 5

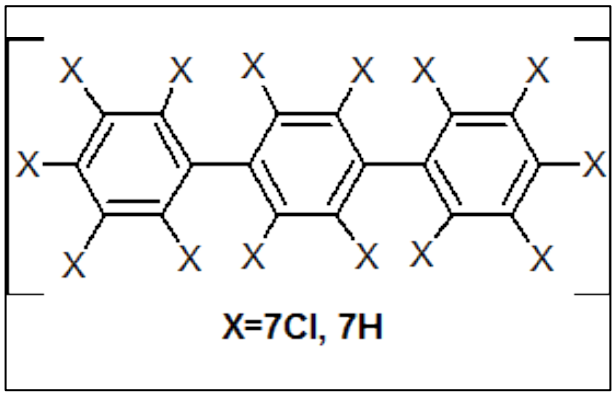
Class: PCT

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: terphenyl 7Cl 9 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1890.76, 1.894
Quantitative Ion m/z: 470

Elemental Formula: C18H7Cl7
Source: anthropogenic
Identification: Manual−Congener Group





m/z [Fragment]
398 [M−Cl2]+
468 M+

Name: methylsulfonylPCB 5Cl 1

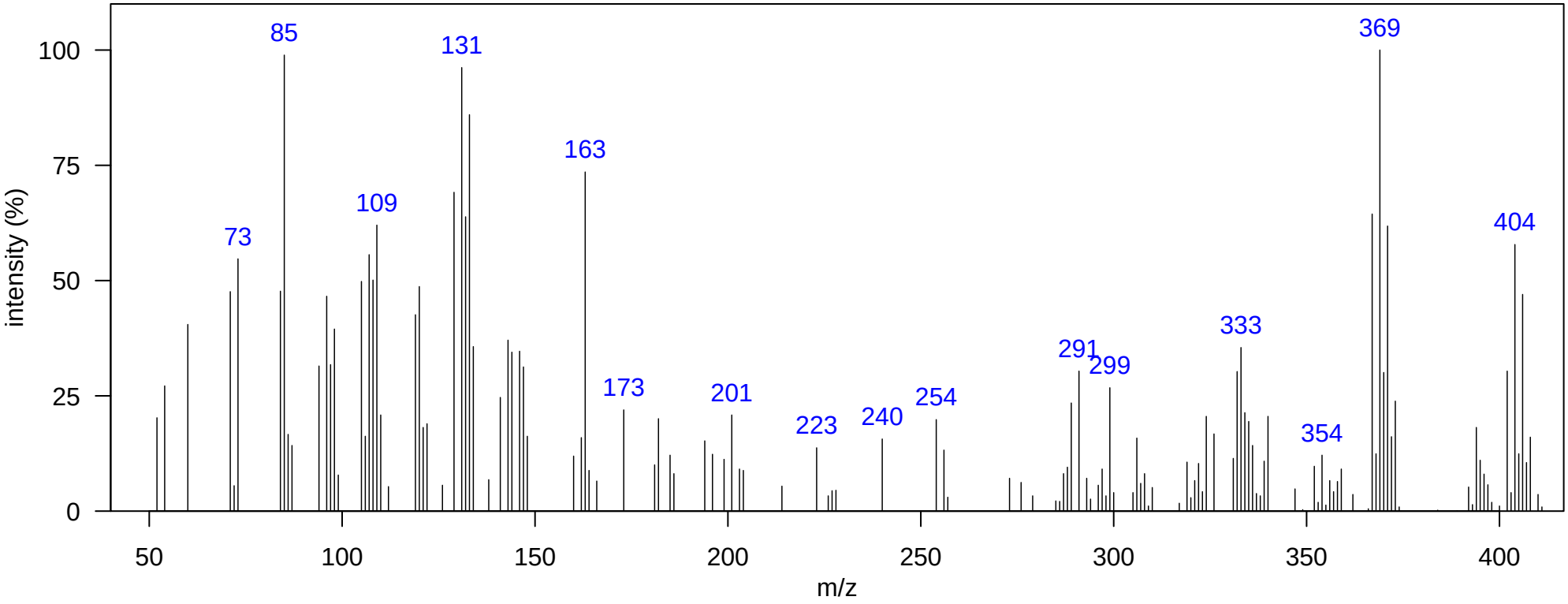
Class: Methylsulfonyl−PCB

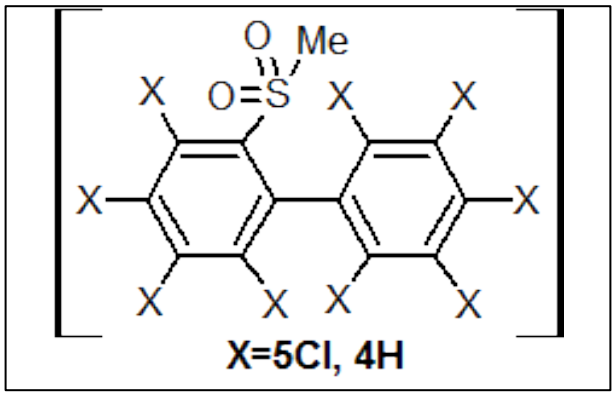
Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1491.99, 1.063
Quantitative Ion m/z: 404

Elemental Formula: C13H7Cl5O2S
Source: anthropogenic
Identification: Reference Database MS

Comment: 2',4,4',5,5'−Pentachloro−2−methylsulfonylbiphenyl





m/z [Fragment]
288 [M−SO2CH3Cl]+
367 [M−CH2SO]+
402 M+

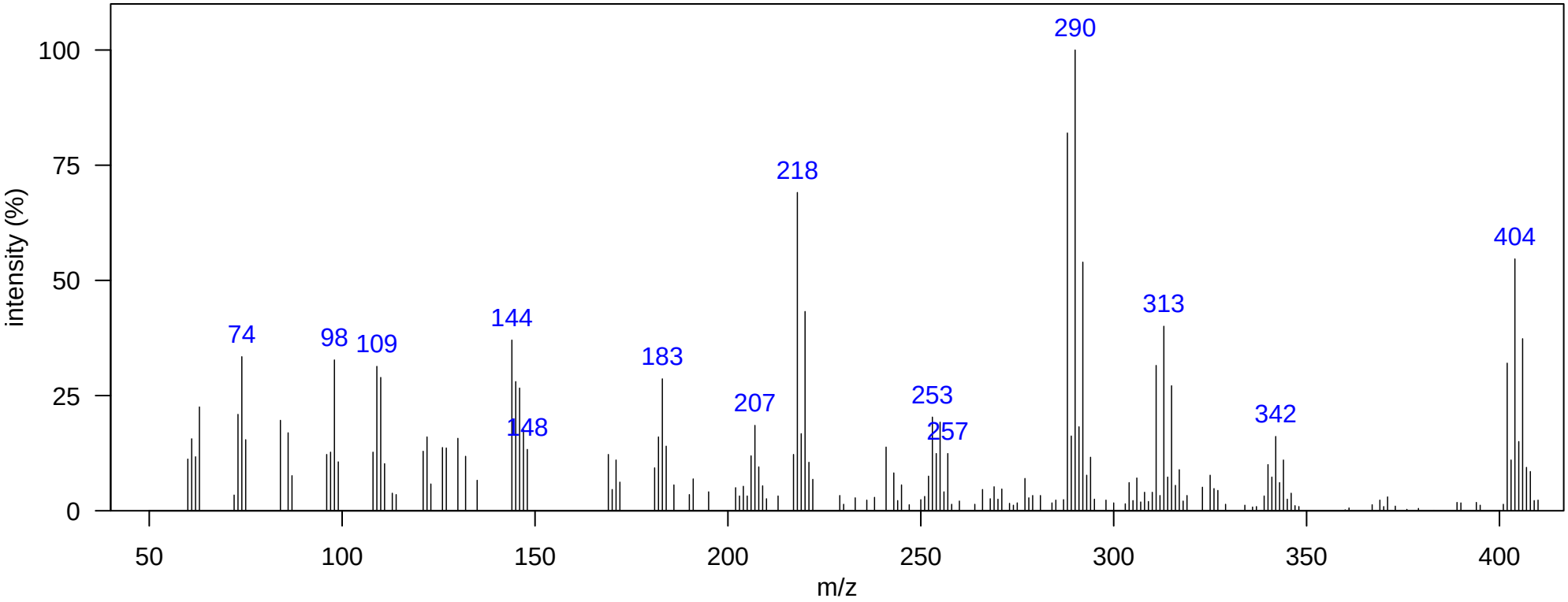
Name: methylsulfonylPCB−101

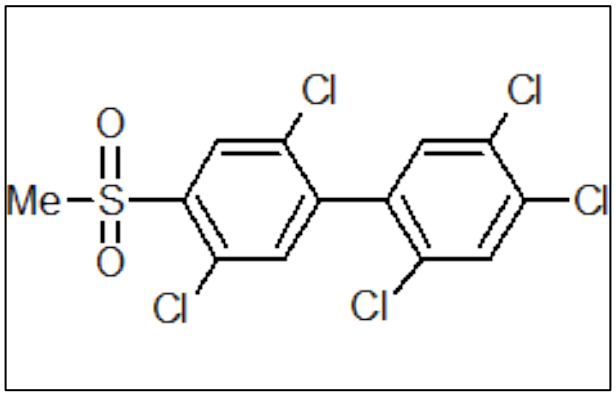
Class: Methylsulfonyl−PCB

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1687.88, 1.597
Quantitative Ion m/z: 404

Elemental Formula: C13H7Cl5O2S
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
288 [M−SO2CH3Cl]+
340 [M−CH2SO]+
402 M+

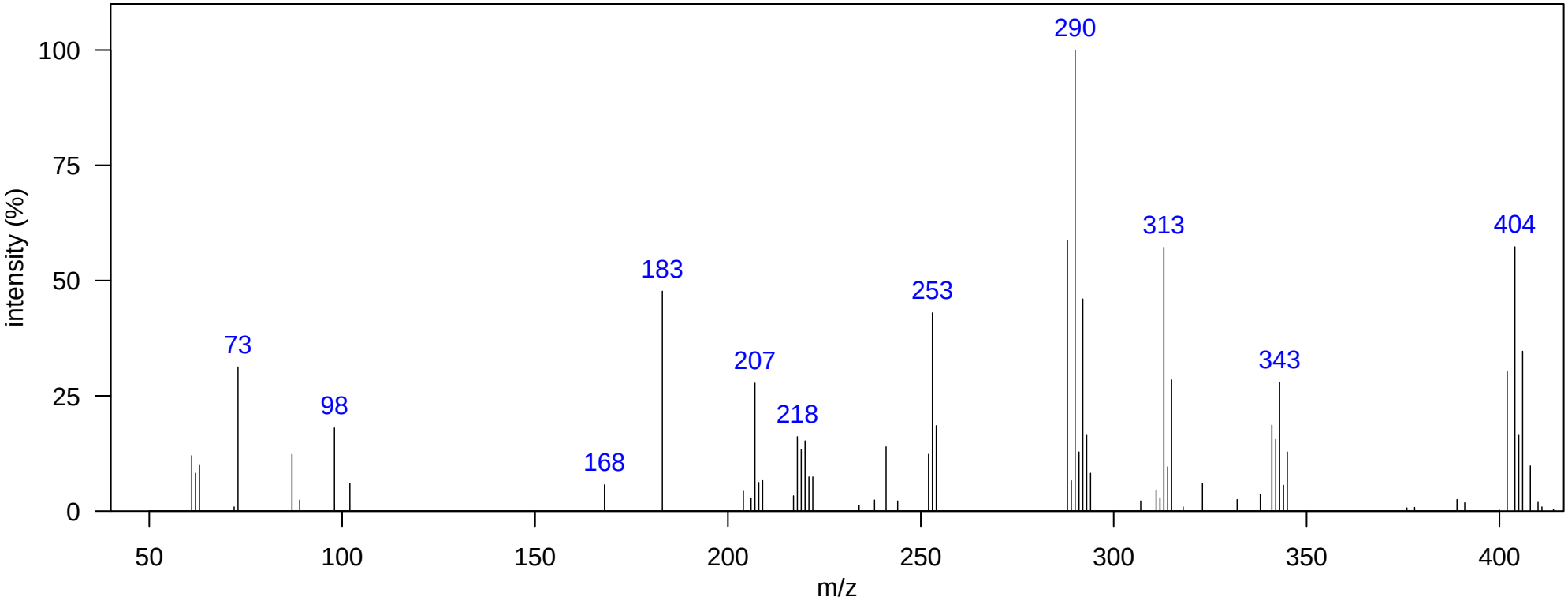
Name: methylsulfonylPCB 5Cl 2

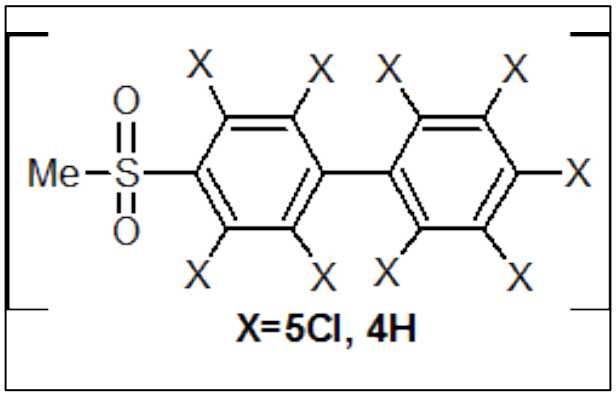
Class: Methylsulfonyl−PCB

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: methylsulfonylPCB 5Cl 1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1708.87, 1.584
Quantitative Ion m/z: 404

Elemental Formula: C13H7Cl5O2S
Source: anthropogenic
Identification: Authentic MS





m/z [Fragment]
288 [M−SO2CH3Cl]+
340 [M−CH2SO]+
402 M+

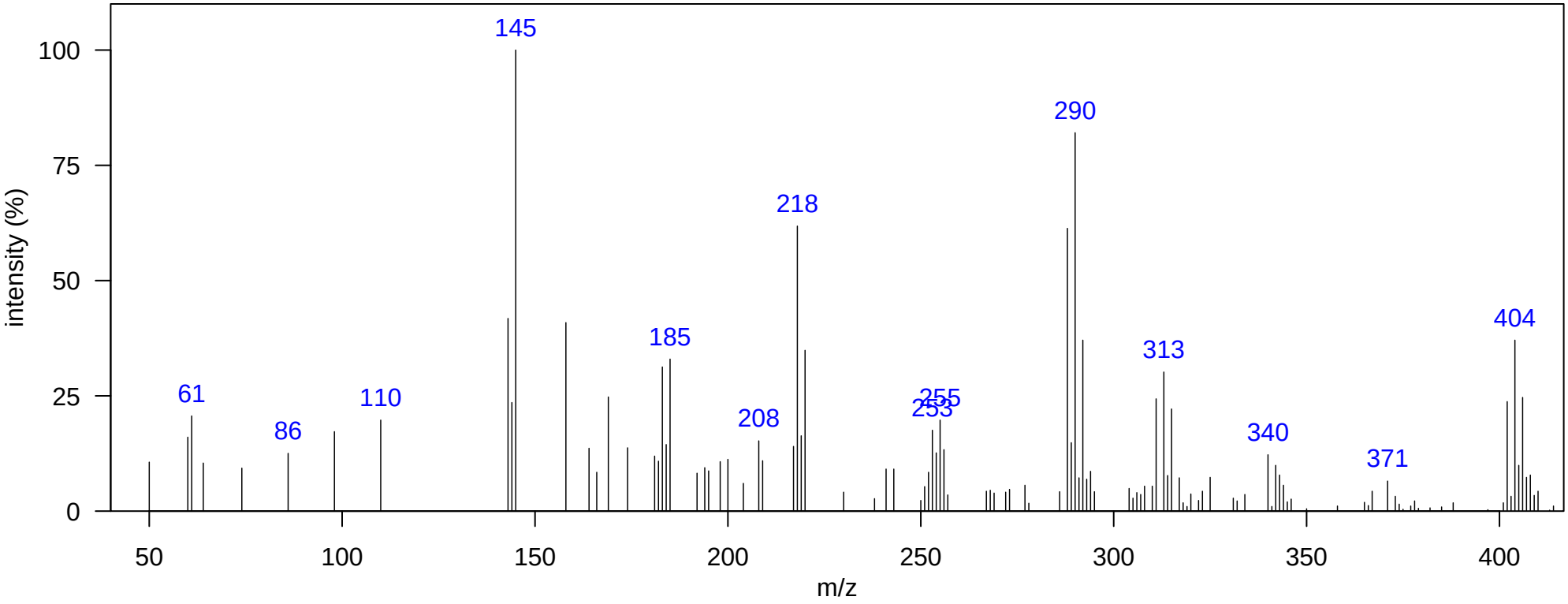
Name: methylsulfonylPCB 5Cl 3

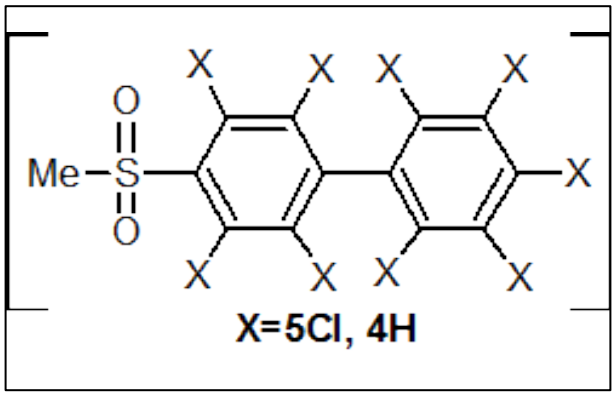
Class: Methylsulfonyl−PCB

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: methylsulfonylPCB 5Cl 2 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1729.85, 1.61
Quantitative Ion m/z: 404

Elemental Formula: C13H7Cl5O2S
Source: anthropogenic
Identification: Authentic MS





m/z [Fragment]
288 [M−SO2CH3Cl]+
340 [M−CH2SO]+
402 M+

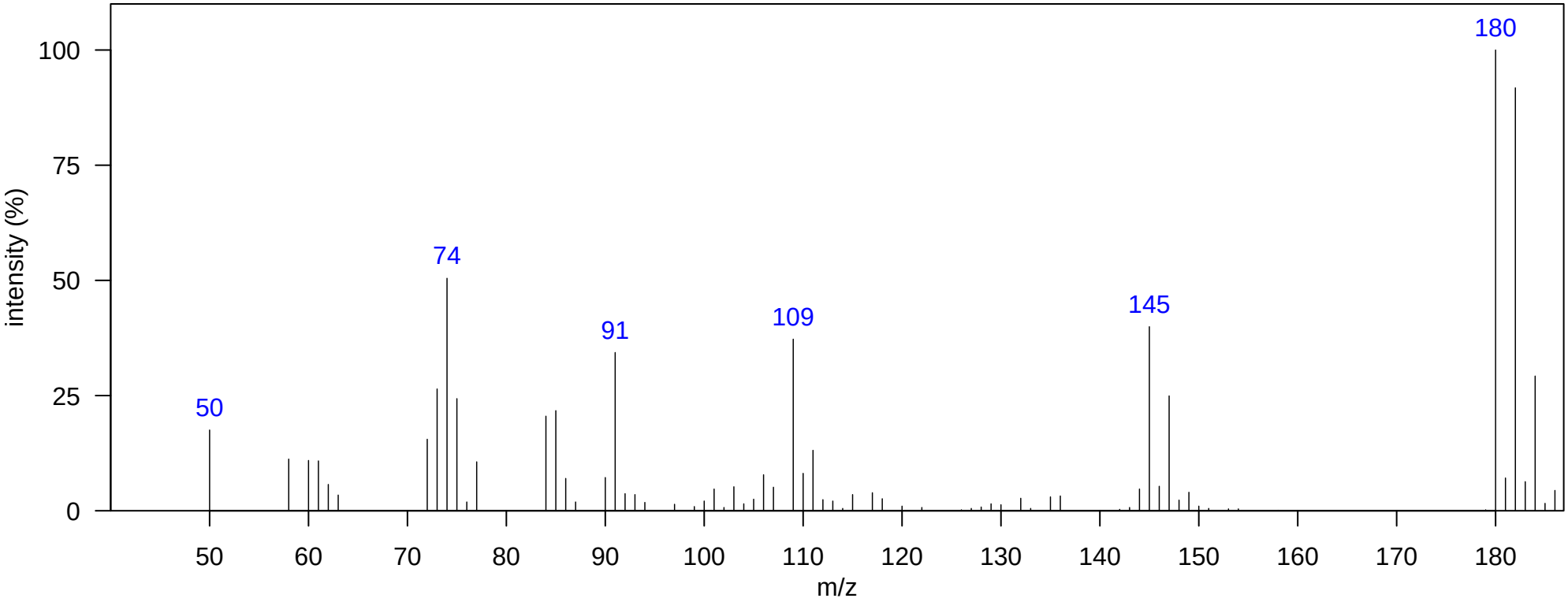
Name: 1,2,4−trichlorobenzene

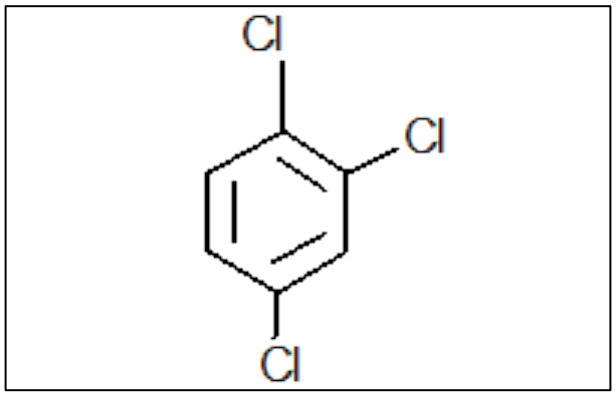
Class: Chlorinated benzene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 687.45, 0.772
Quantitative Ion m/z: 182

Elemental Formula: C6H3Cl3
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
145 [M−Cl]+
180 M+

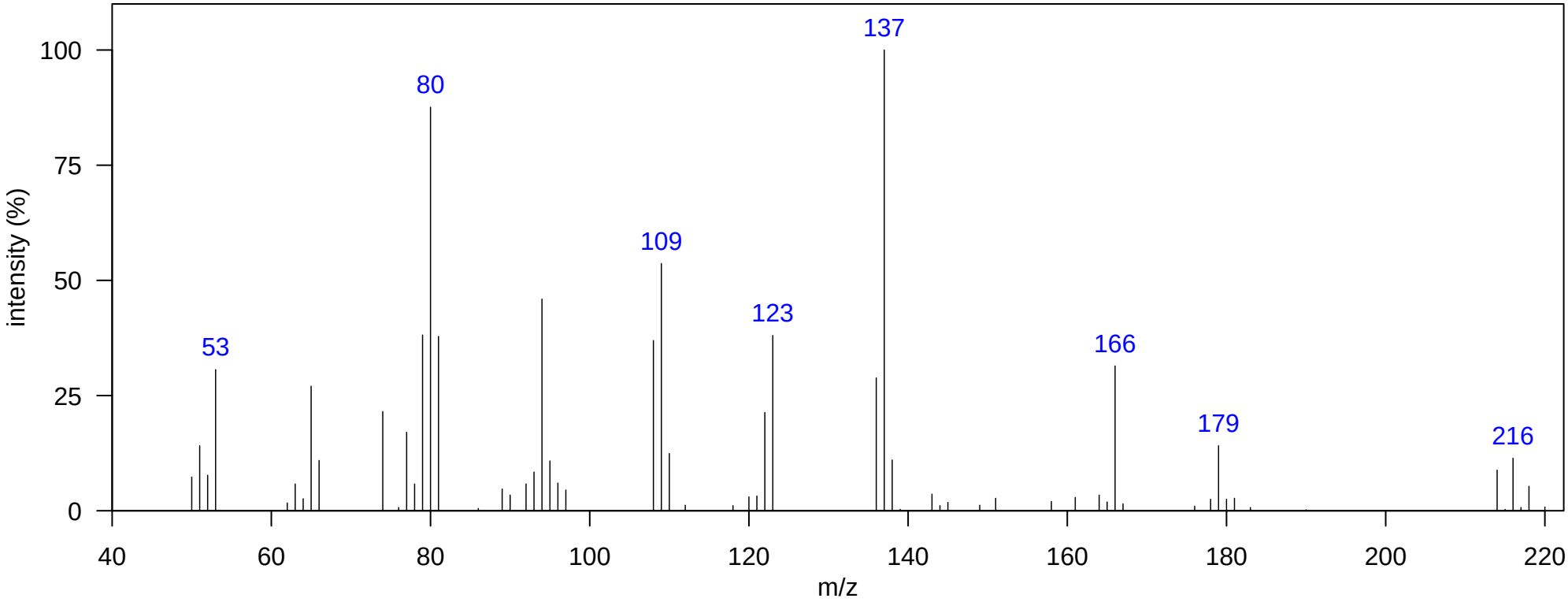
Name: tetrachlorobenzene

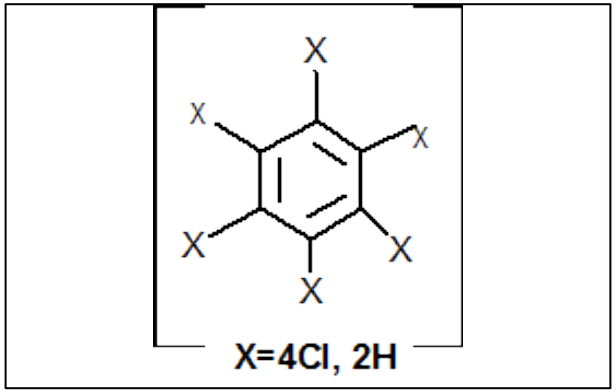
Class: Chlorinated benzene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 820.374, 0.792
Quantitative Ion m/z: 216

Elemental Formula: C6H2Cl4
Source: anthropogenic
Identification: Authentic MS





m/z [Fragment]
179 [M−Cl]+
214 M+

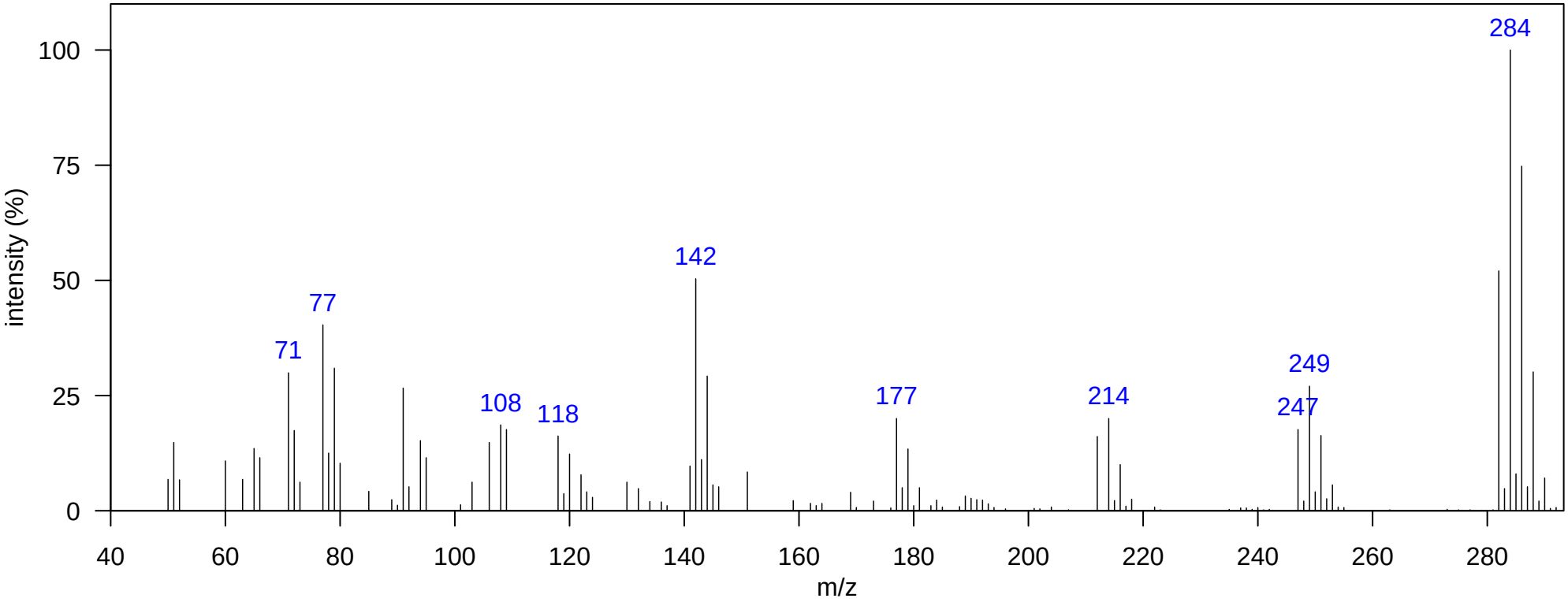
Name: hexachlorobenzene

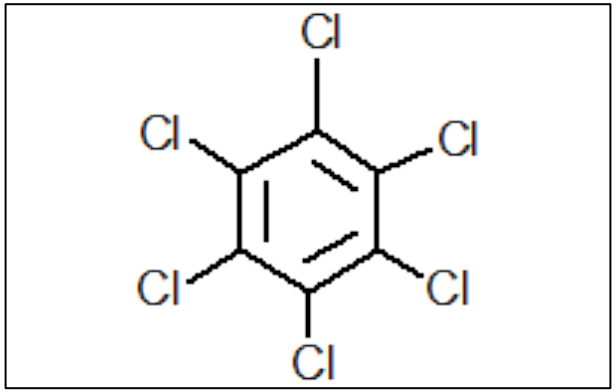
Class: Chlorinated benzene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1100.21, 0.878
Quantitative Ion m/z: 284

Elemental Formula: C6Cl6
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
247 [M−Cl]+
282 M+

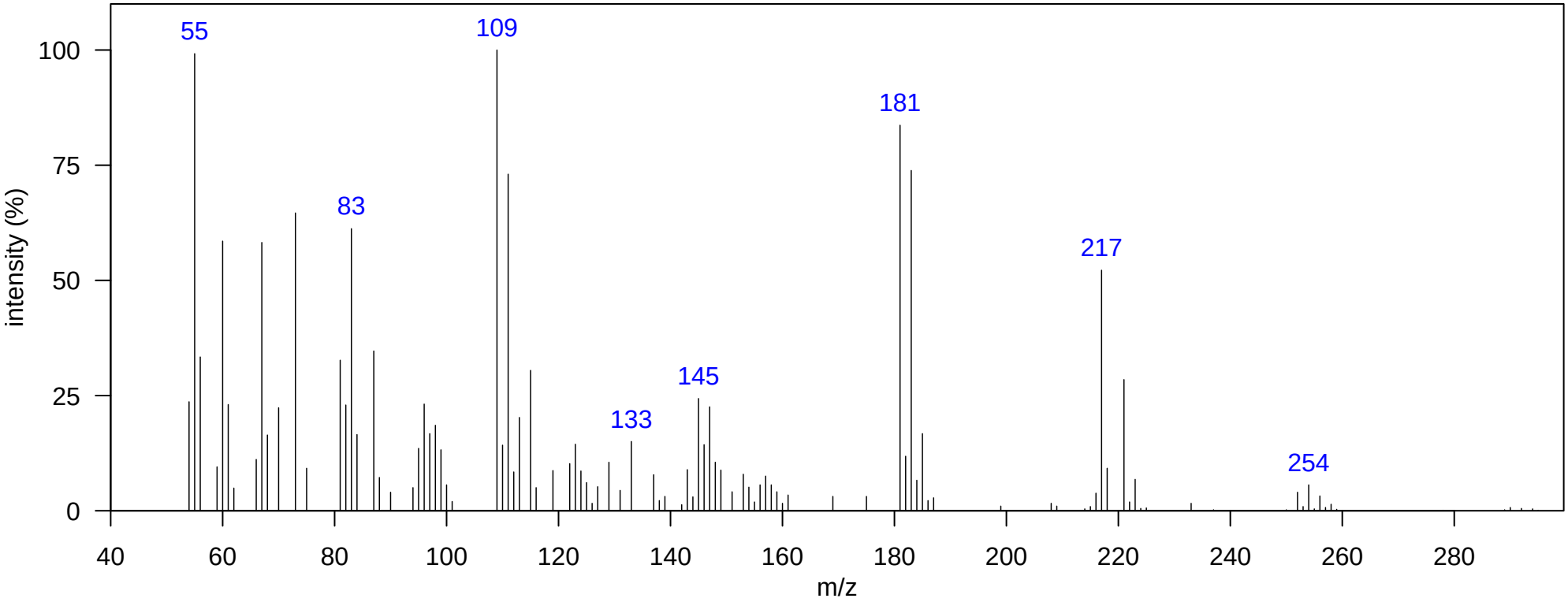
Name: beta HCH

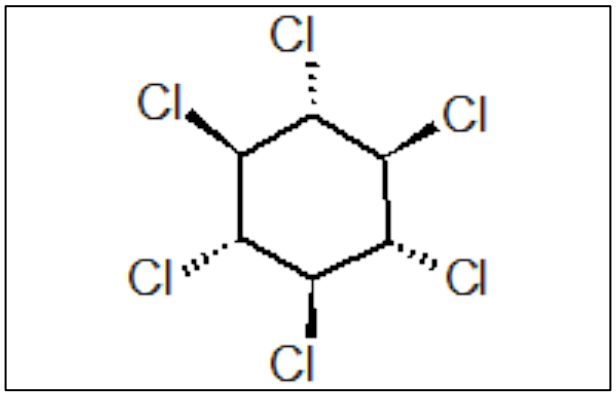
Class: HCH−related

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: TRUE
Comment: beta BHC (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1124.7, 1.01
Quantitative Ion m/z: 219

Elemental Formula: C6H6Cl6
Source: anthropogenic
Identification: Authentic MS RT





m/z [Fragment]
252 [M−HCl]+

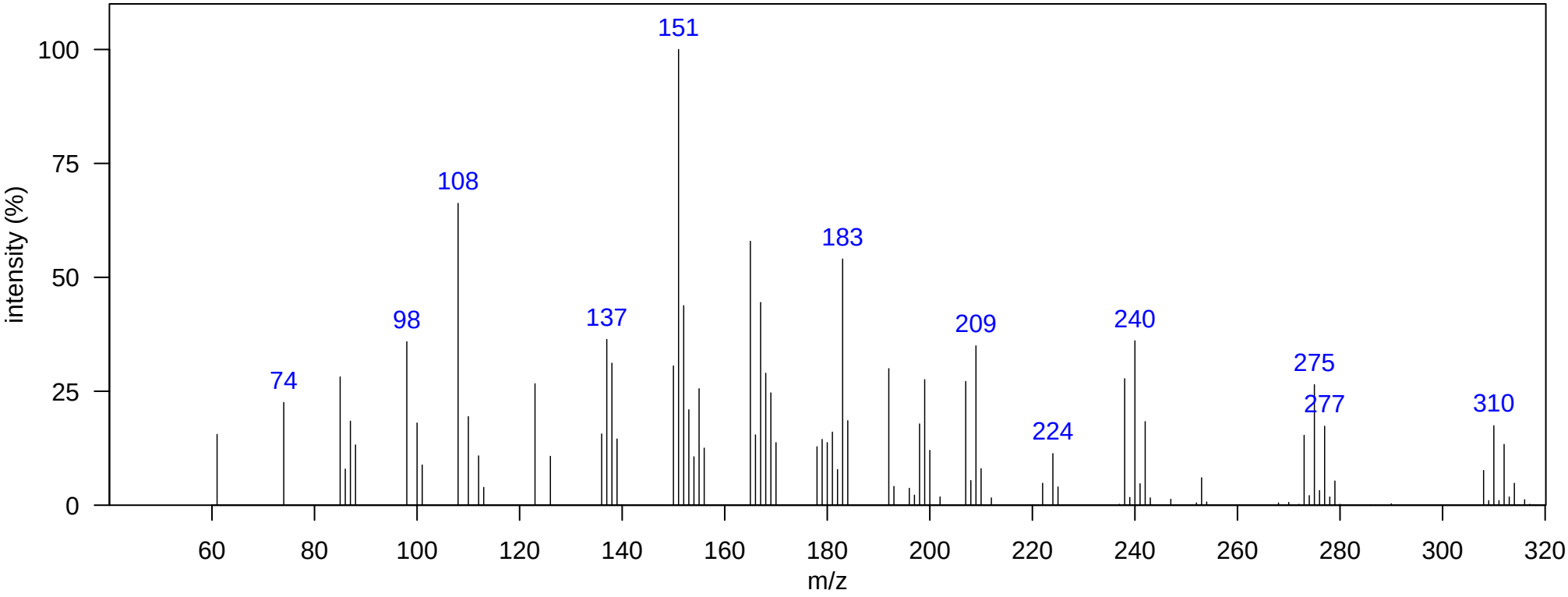
Name: polychlorinated styrene 6Cl

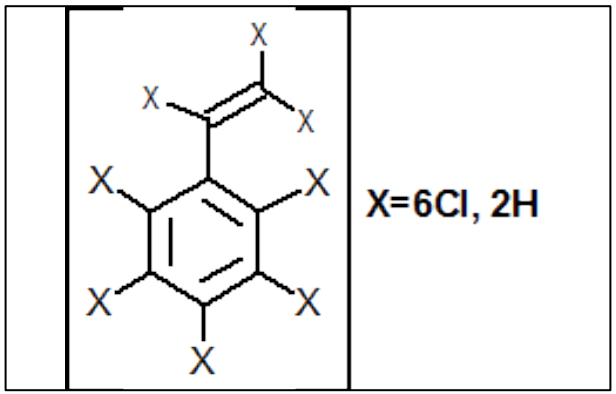
Class: Chlorinated styrene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1068.73, 0.858
Quantitative Ion m/z: 310

Elemental Formula: C8H2Cl6
Source: anthropogenic
Identification: Authentic MS





m/z [Fragment]
273 [M−Cl]+
308 M+

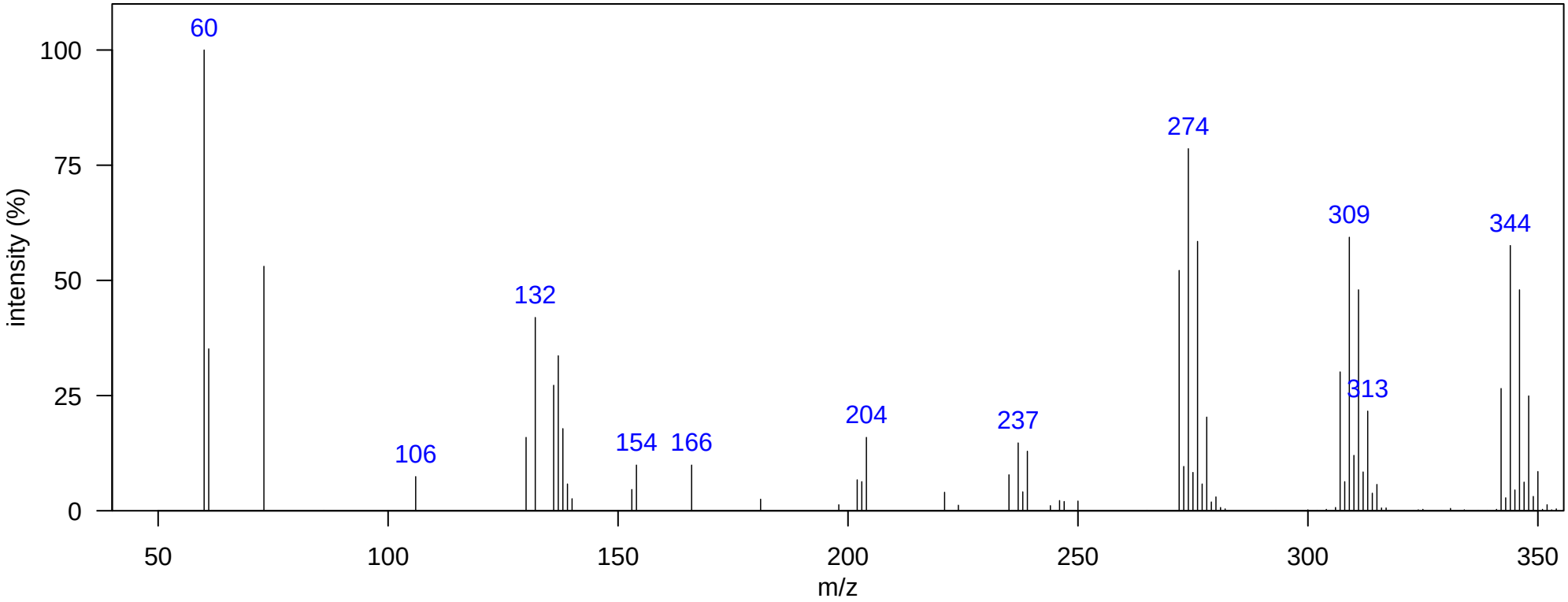
Name: polychlorinated styrene 7Cl

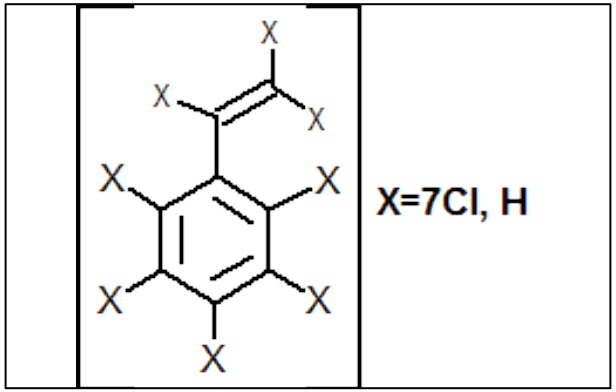
Class: Chlorinated styrene

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1184.17, 0.891
Quantitative Ion m/z: 344

Elemental Formula: C8HCl7
Source: anthropogenic
Identification: Authentic MS





m/z [Fragment]
307 [M−Cl]+
342 M+

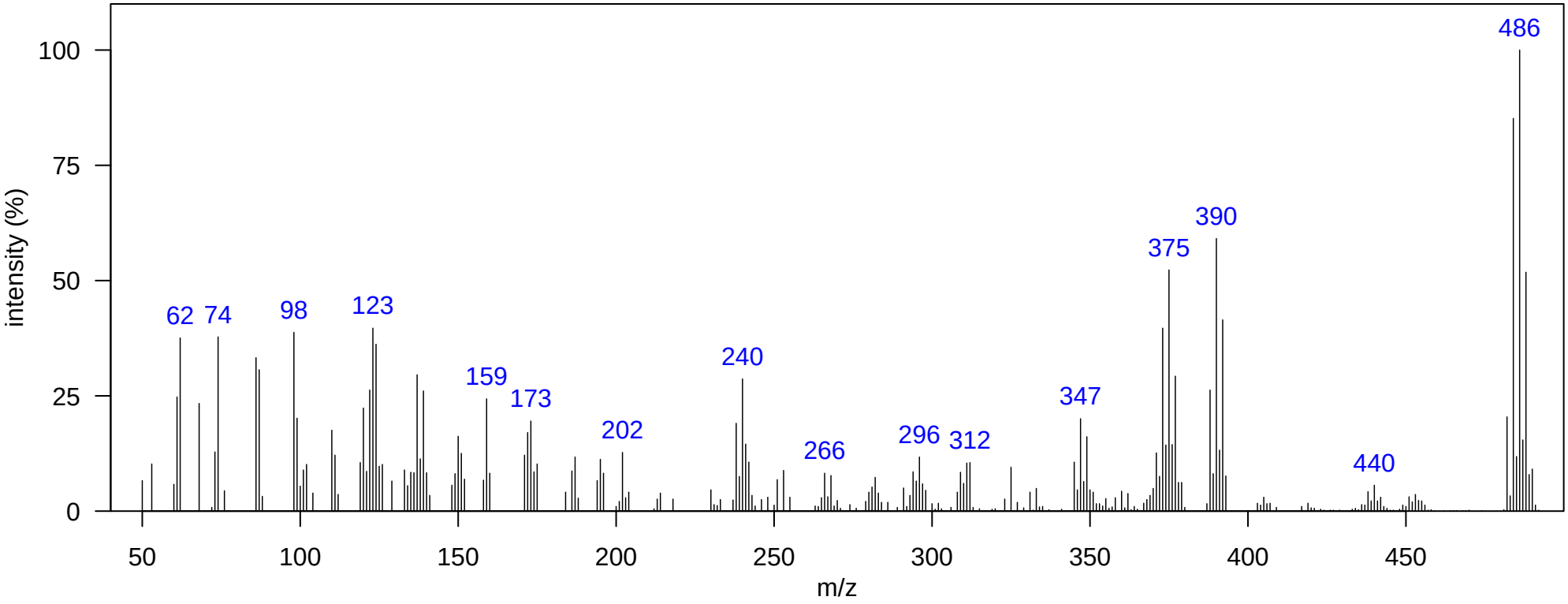
Name: di−MeOBB−Br3Cl

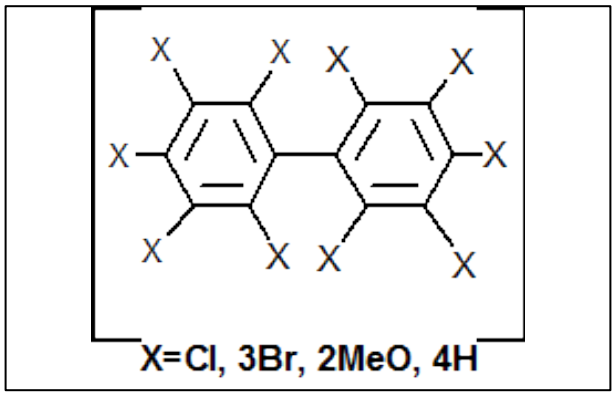
Class: 2MeO−Biphenyl−U

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1530.47, 1.115
Quantitative Ion m/z: 486

Elemental Formula: C14H10Br3ClO2
Source: unknown
Identification: NA





m/z [Fragment]
373 [M−CH3−CH3−Br]+
388 [M−CH3−Br]+
482 M+

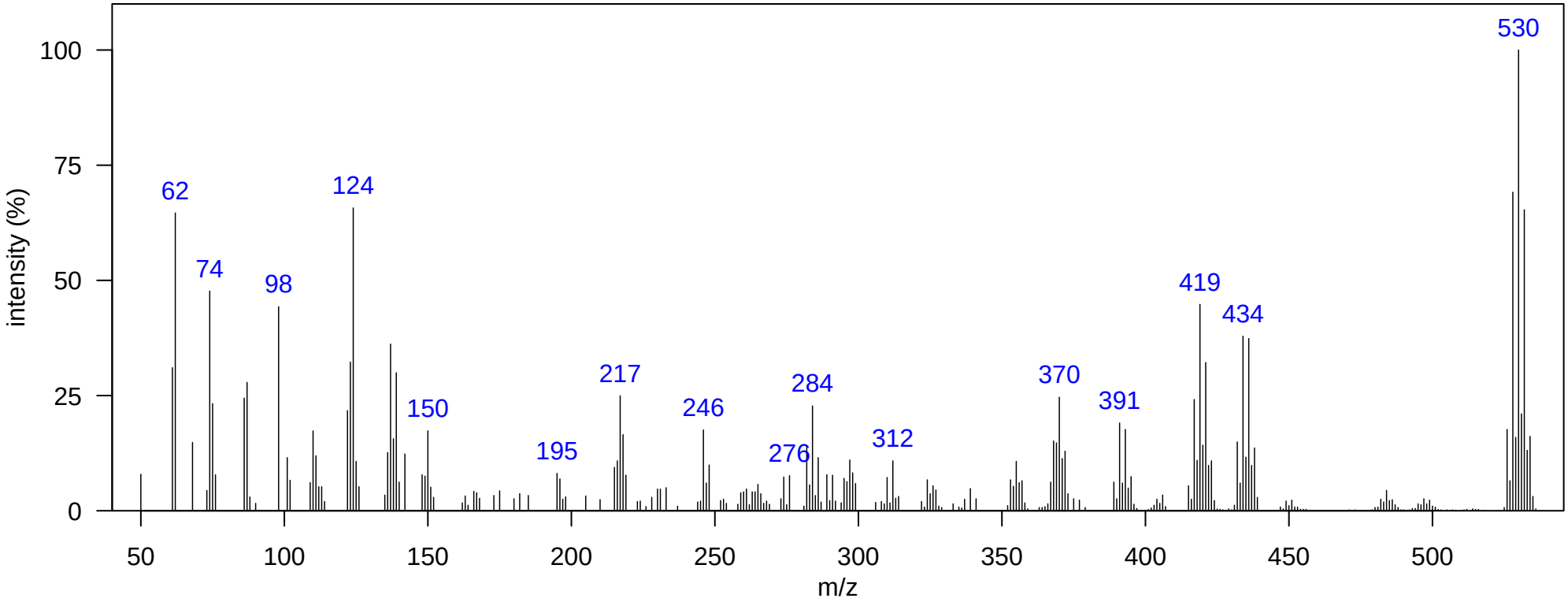
Name: di−MeOPBB−80

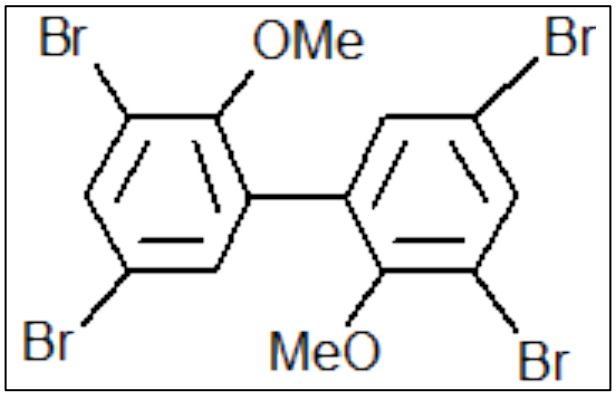
Class: 2MeO−Biphenyl−N

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1582.94, 1.274
Quantitative Ion m/z: 530

Elemental Formula: C14H10Br4O2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
417 [M−CH3−CH3−Br]+
432 [M−CH3−Br]+
526 M+

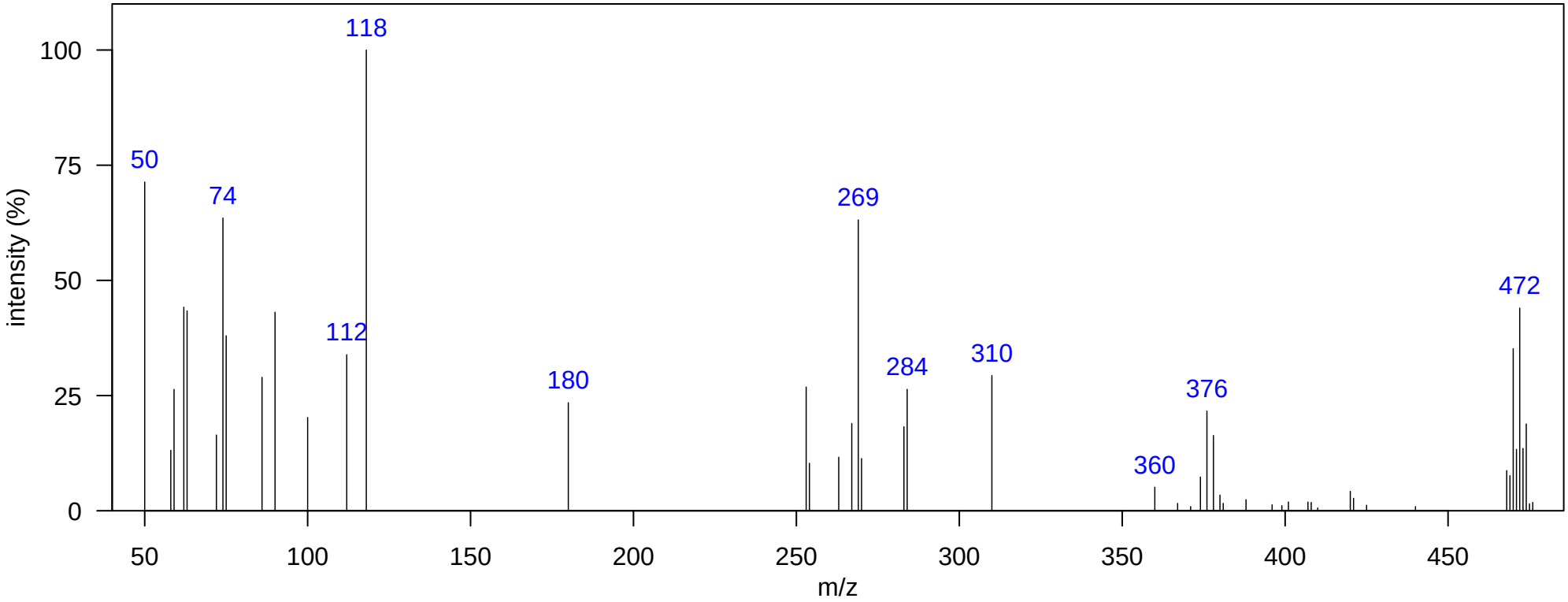
Name: MeOBCDE Br3Cl 1

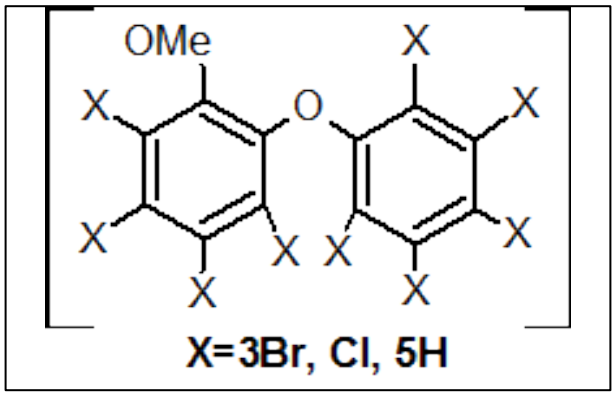
Class: MeO−B/CDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−33 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1544.46, 1.241
Quantitative Ion m/z: 472

Elemental Formula: C13H8Br3ClO2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
374 [M−Br−CH3]+
468 M+

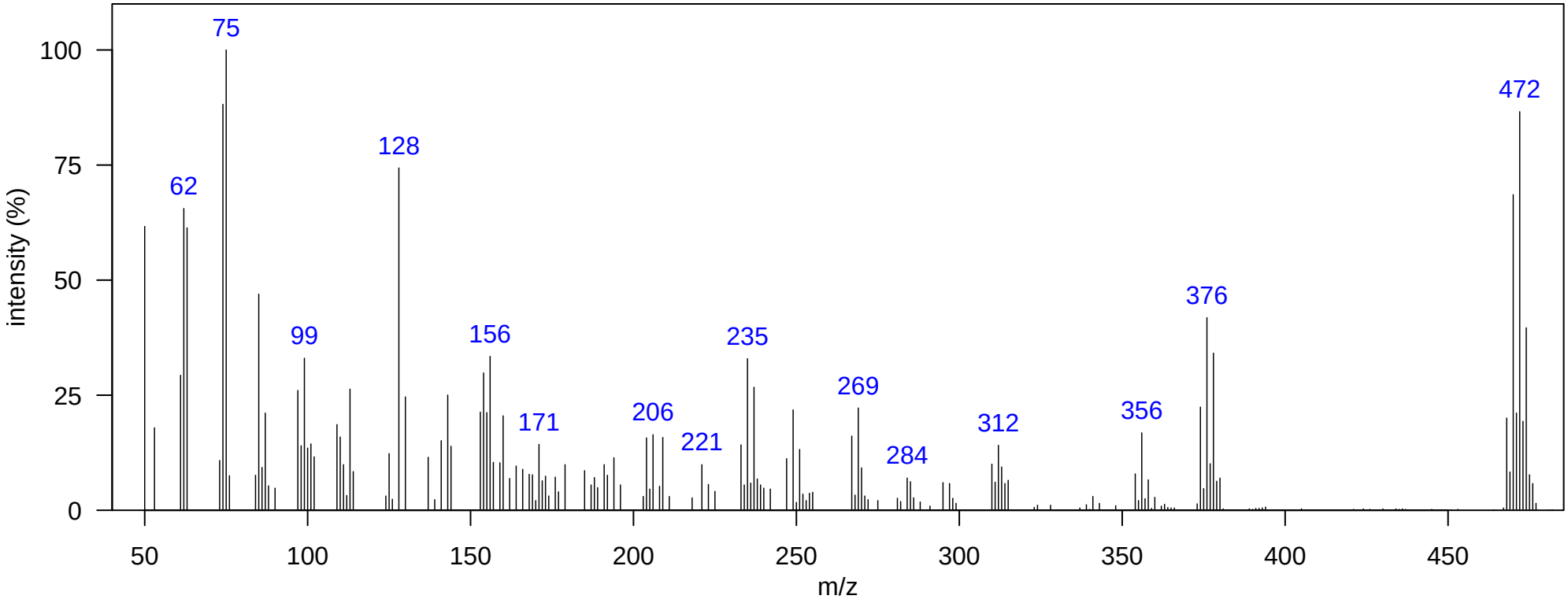
Name: MeOBCDE Br3Cl 2

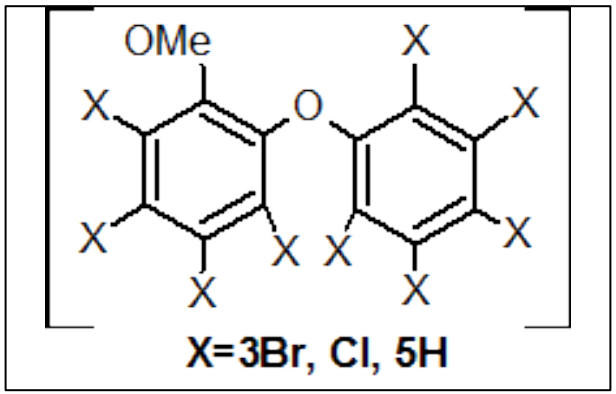
Class: MeO−B/CDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: MeOBCDE Br3Cl (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1547.96, 1.221
Quantitative Ion m/z: 472

Elemental Formula: C13H8Br3ClO2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
354 [M−BrCl]+
374 [M−Br−CH3]+
468 M+

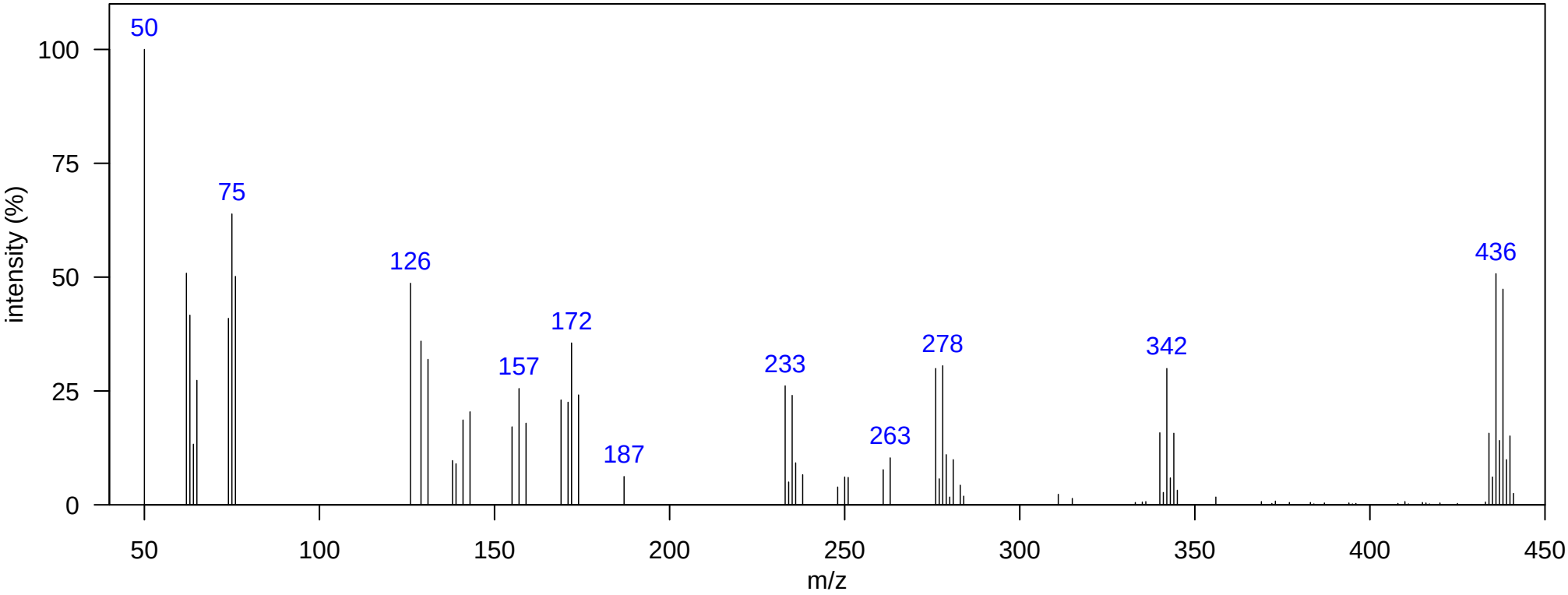
Name: MeOBDE 3Br

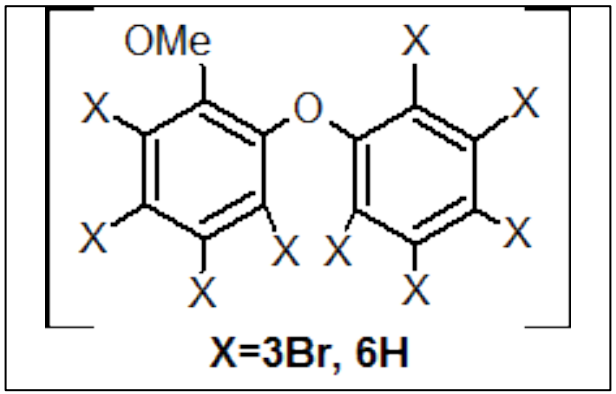
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1457.01, 1.129
Quantitative Ion m/z: 438

Elemental Formula: C13H9Br3O2
Source: natural
Identification: Authentic MS





m/z [Fragment]
276 [M−Br2]+
340 [M−Br−CH3]+
434 M+

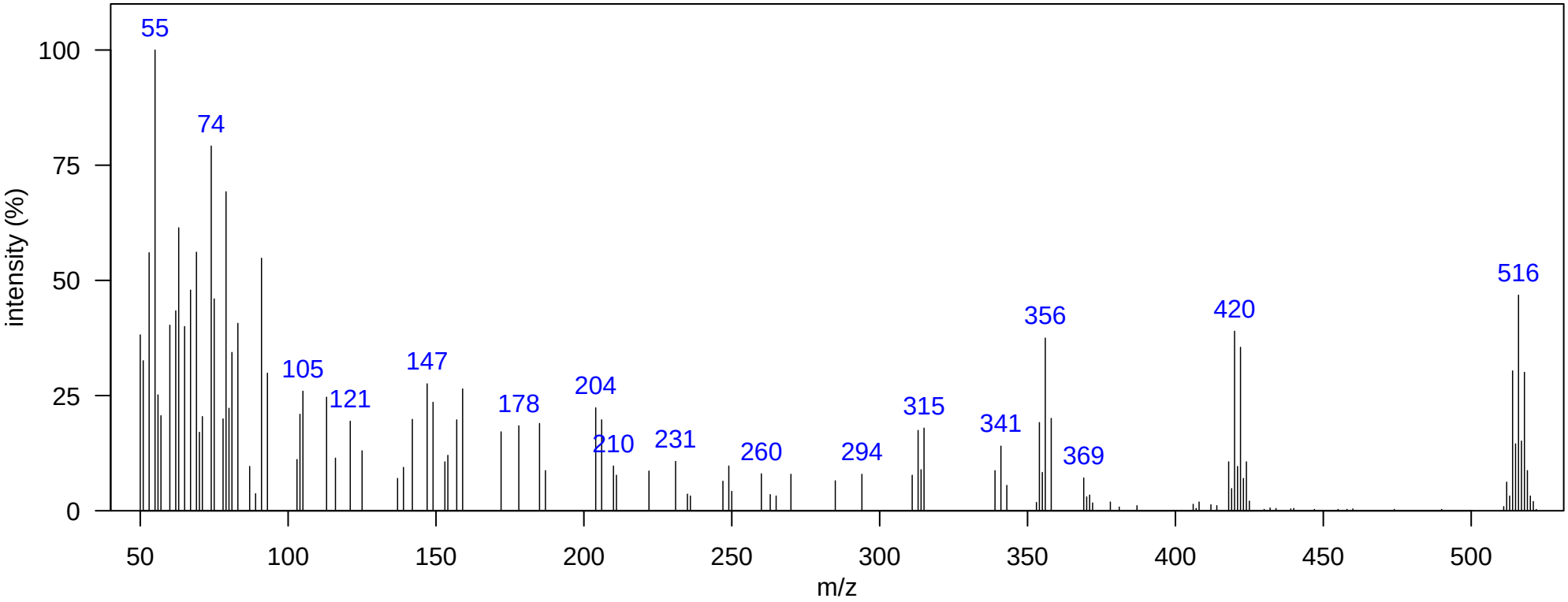
Name: MeOBDE 4Br

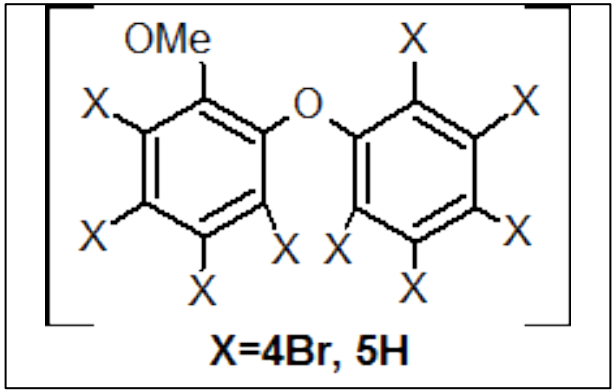
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1561.95, 1.294
Quantitative Ion m/z: 516

Elemental Formula: C13H8Br4O2
Source: natural
Identification: Authentic MS





m/z [Fragment]
418 [M−Br−CH3]+
512 M+

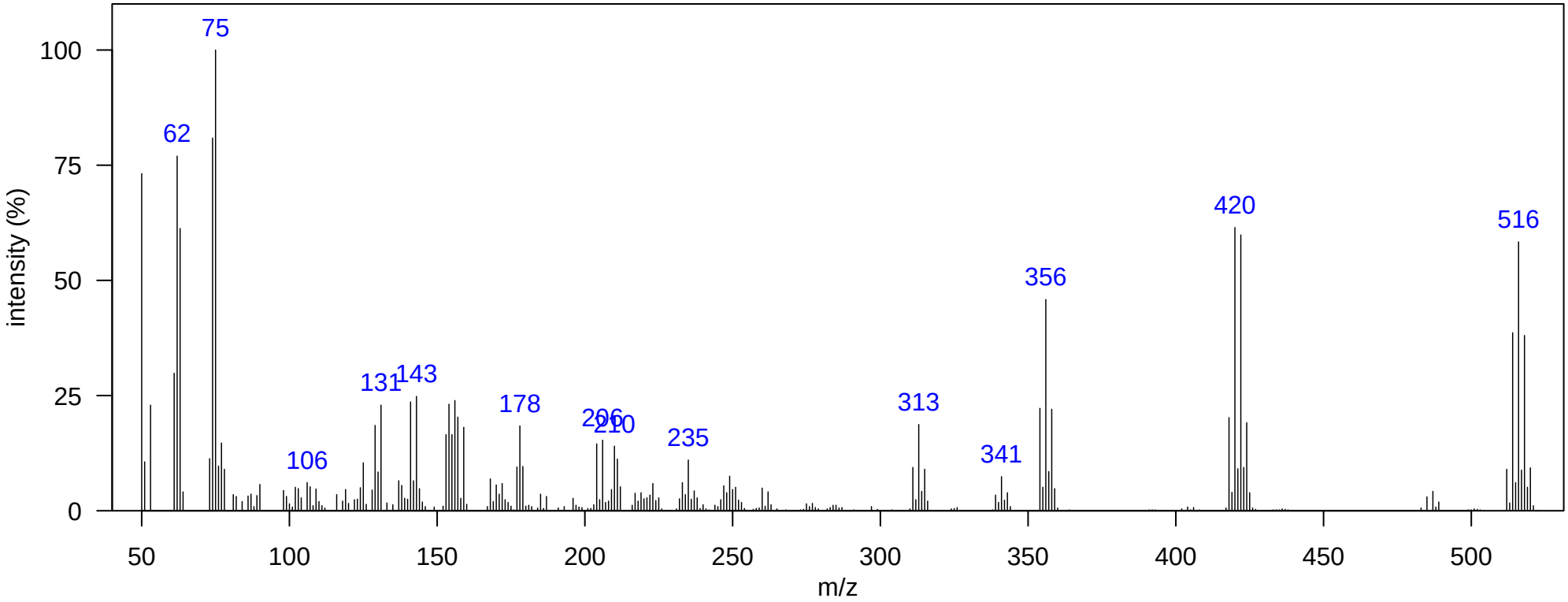
Name: 2'−MeOBDE−68

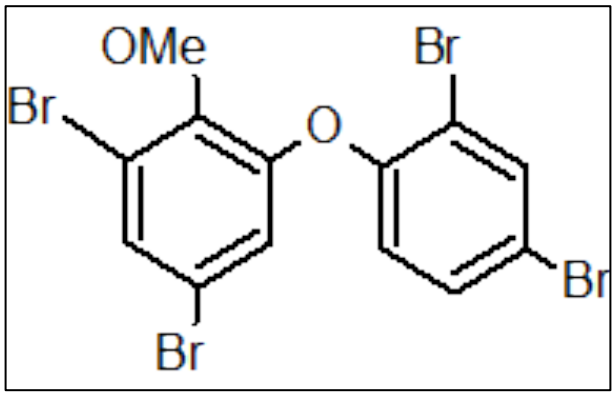
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1579.44, 1.28
Quantitative Ion m/z: 516

Elemental Formula: C13H8Br4O2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
354 [M−Br2]
418 [M−Br−CH3]+
512 M+

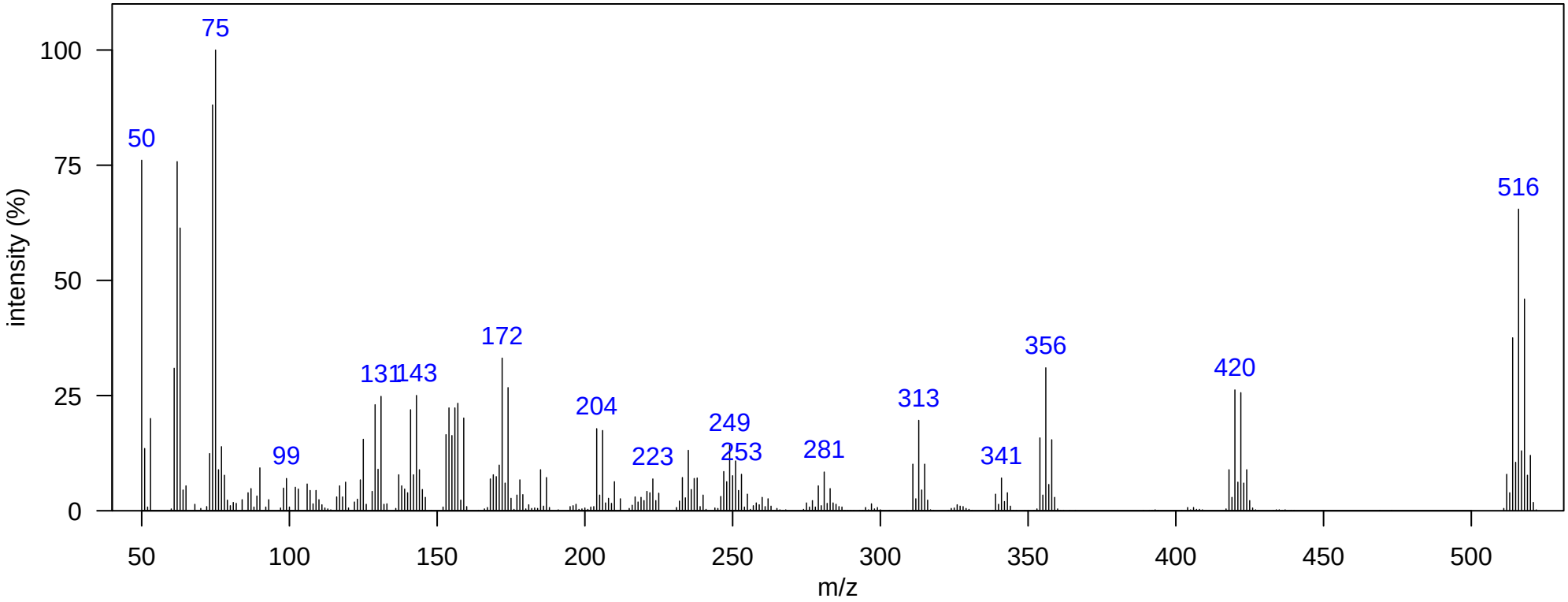
Name: 6−MeOBDE−47

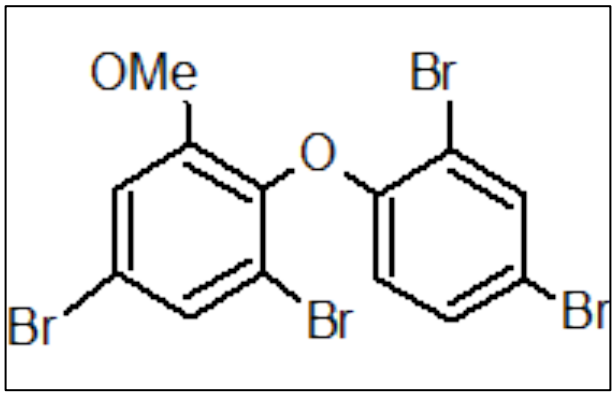
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1600.43, 1.399
Quantitative Ion m/z: 516

Elemental Formula: C13H8Br4O2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
354 [M−Br2]
418 [M−Br−CH3]+
512 M+

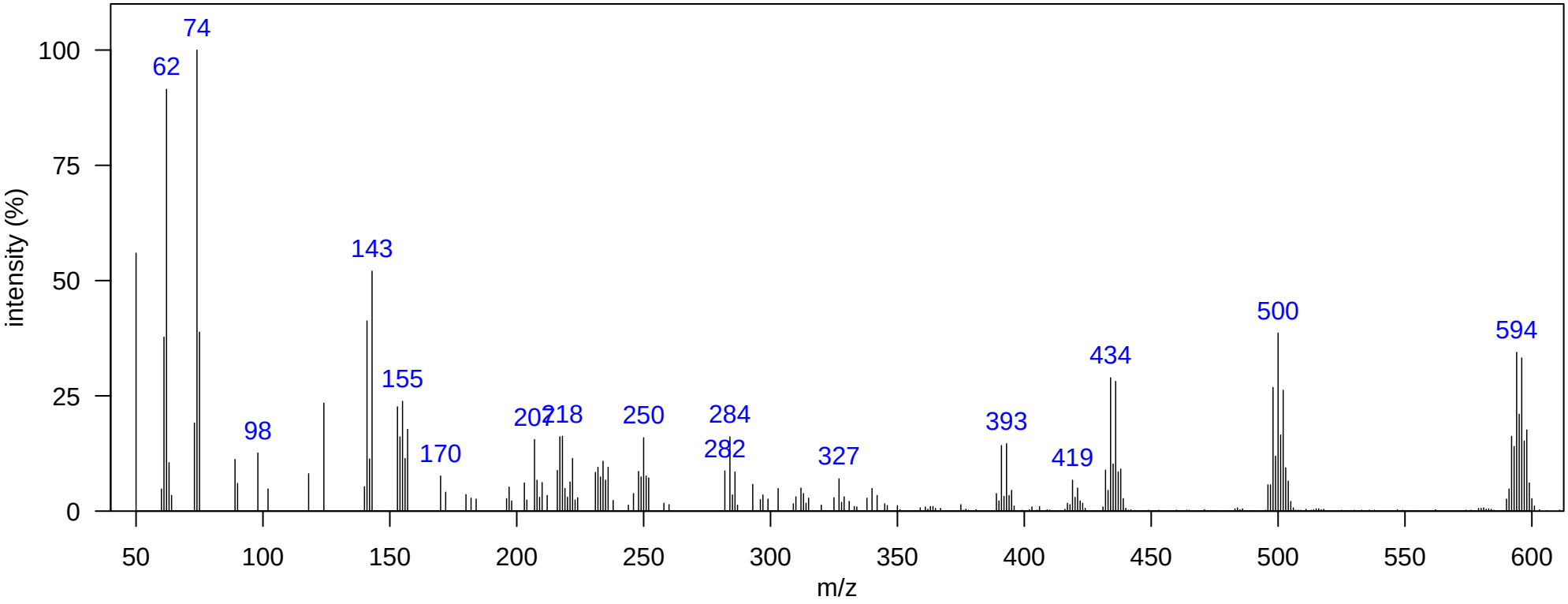
Name: MeOBDE 5Br

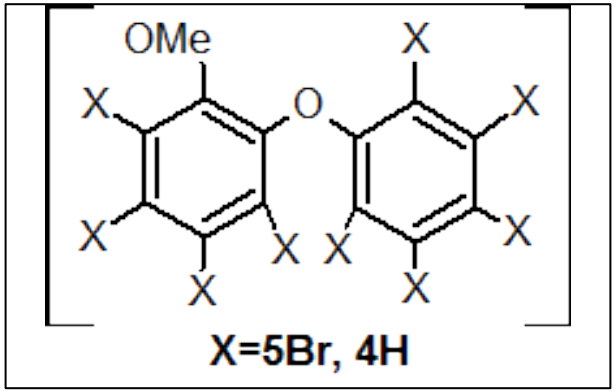
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1684.38, 1.637
Quantitative Ion m/z: 596

Elemental Formula: C13H7Br5O2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
432 [M−Br2]+
496 [M−Br−CH3]+
590 M+

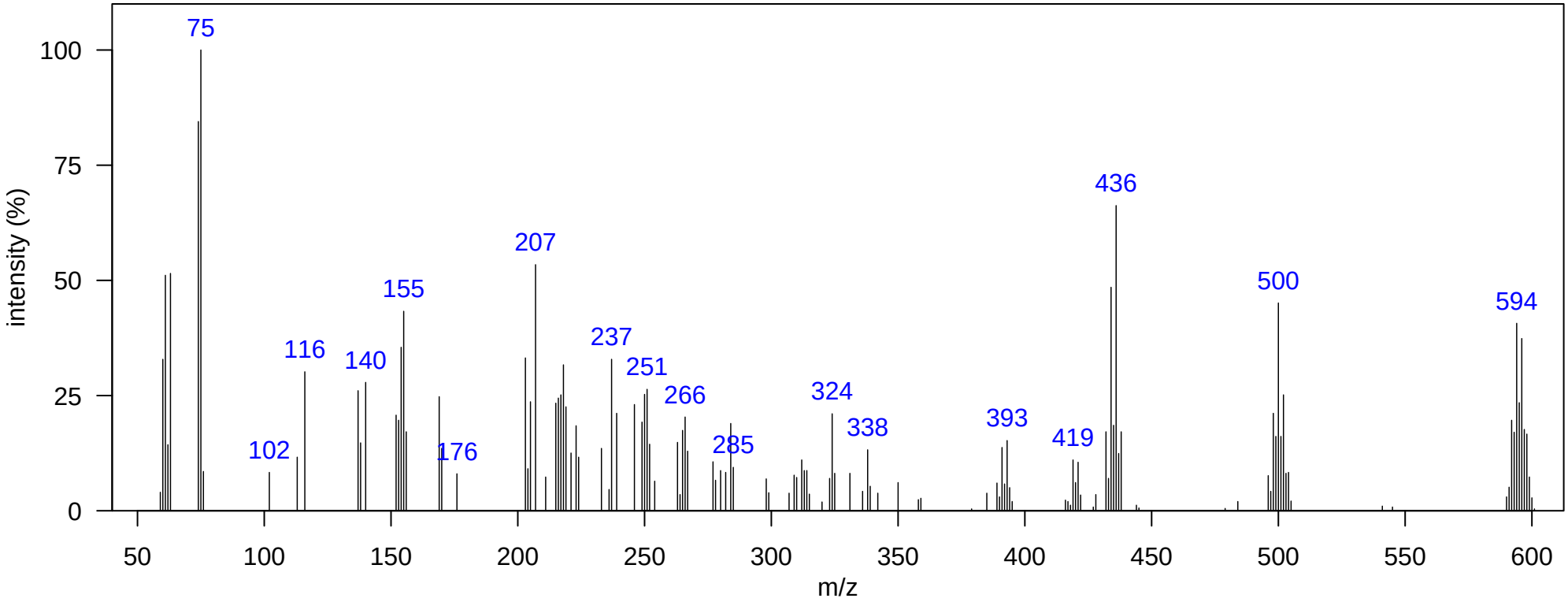
Name: 6'−MeOBDE−99

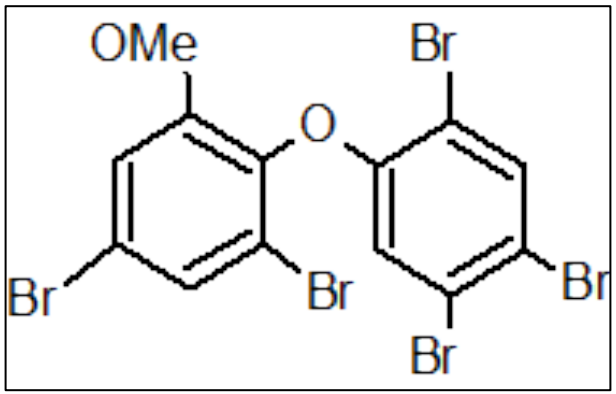
Class: MeO−BDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1733.35, 1.564
Quantitative Ion m/z: 596

Elemental Formula: C13H7Br5O2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
432 [M−Br2]+
496 [M−Br−CH3]+
590 M+

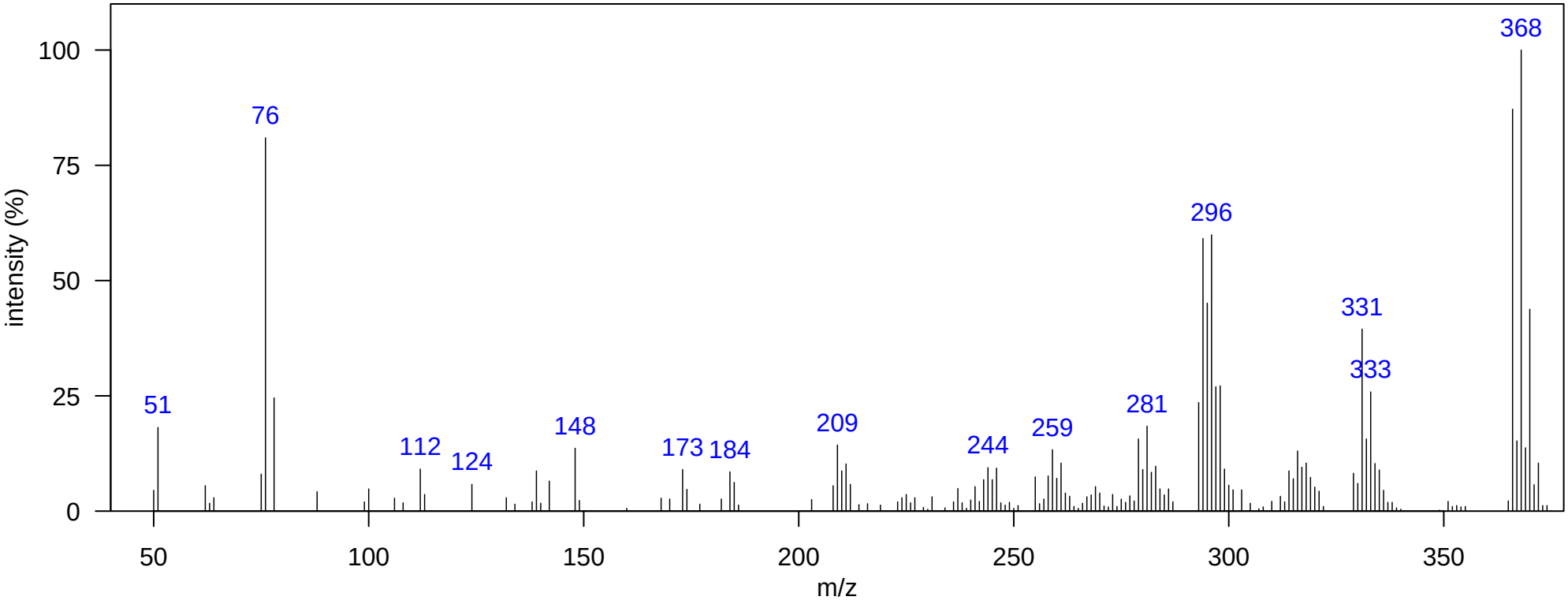
Name: DMBP 6Cl

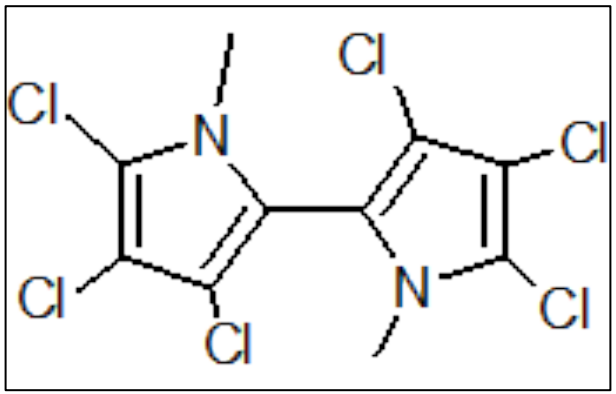
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1411.54, 1.043
Quantitative Ion m/z: 366

Elemental Formula: C10H6Cl6N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
294 [M−Cl2]+
329 [M−Cl]+
364 M+

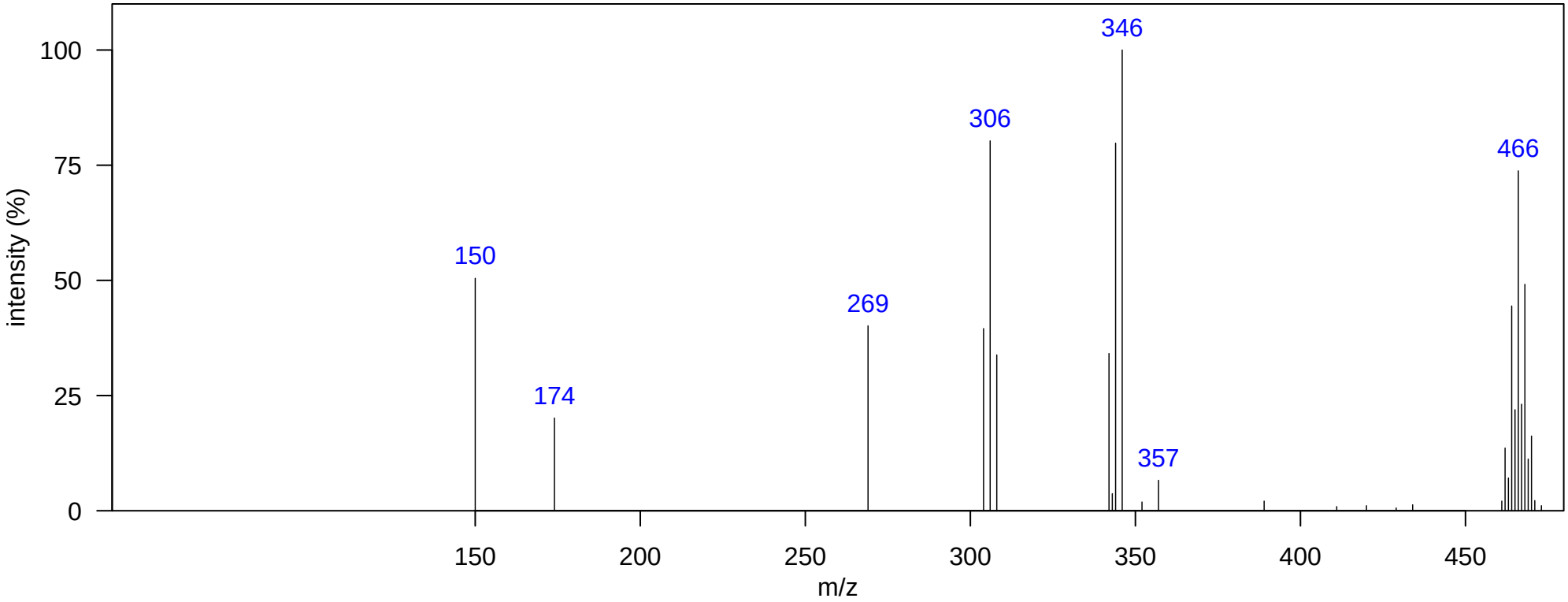
Name: DMBP Br3Cl2

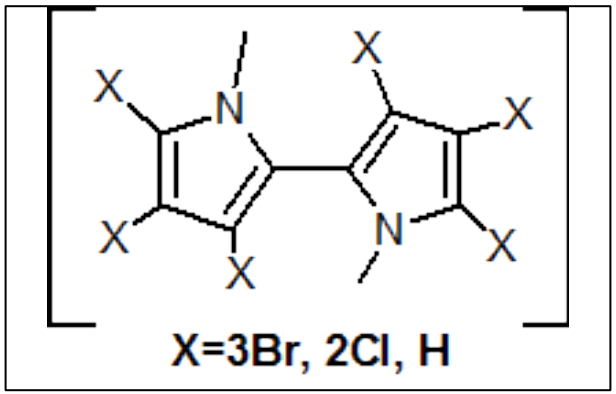
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: DMBP Br3Cl2 1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1432.52, 1.056
Quantitative Ion m/z: 466

Elemental Formula: C10H7Br3Cl2N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
304 [M−Br2]+
342 [M−BrCNCH3]+
462 M+

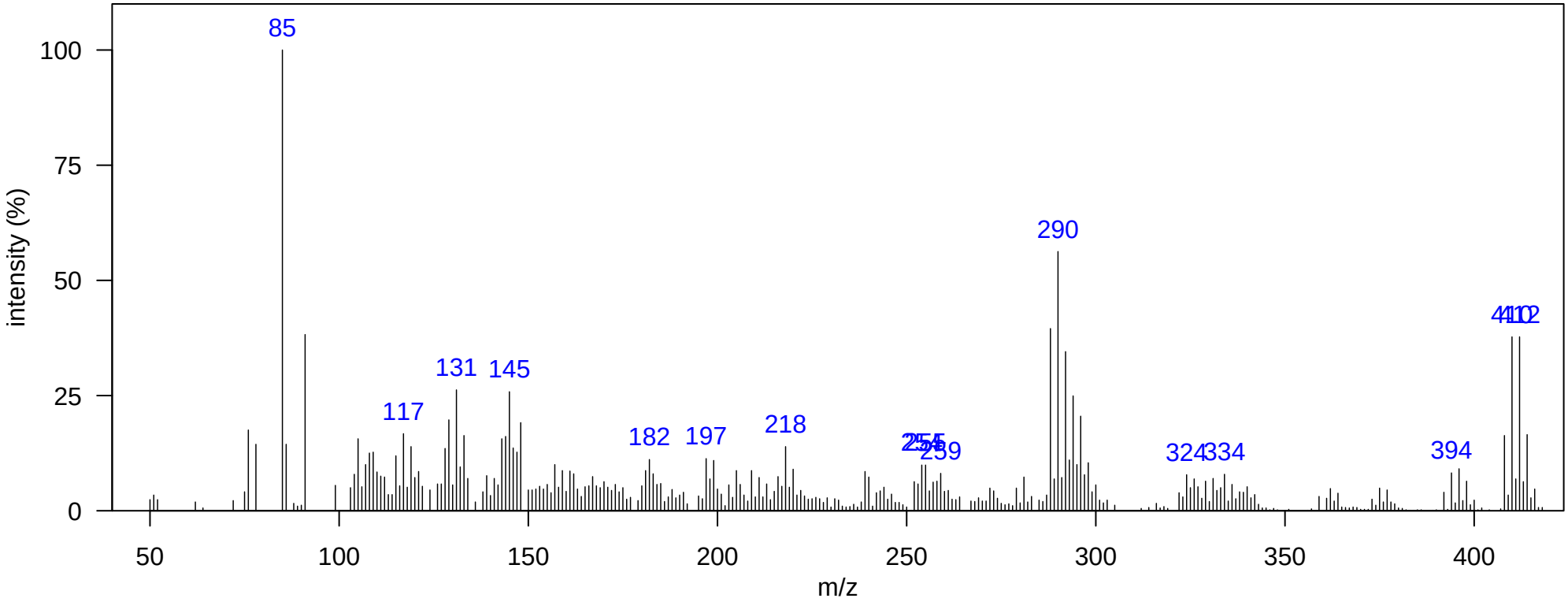
Name: DMBP BrCl5

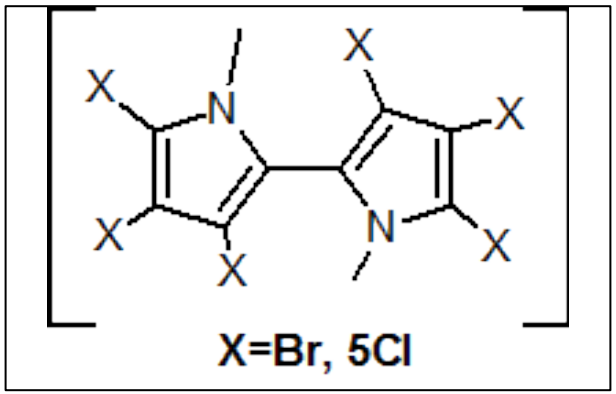
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−4−8 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1453.51, 1.076
Quantitative Ion m/z: 410

Elemental Formula: C10H6Cl5BrN2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
288 [M−BrCNCH3]+
373 [M−Cl]+
408 M+

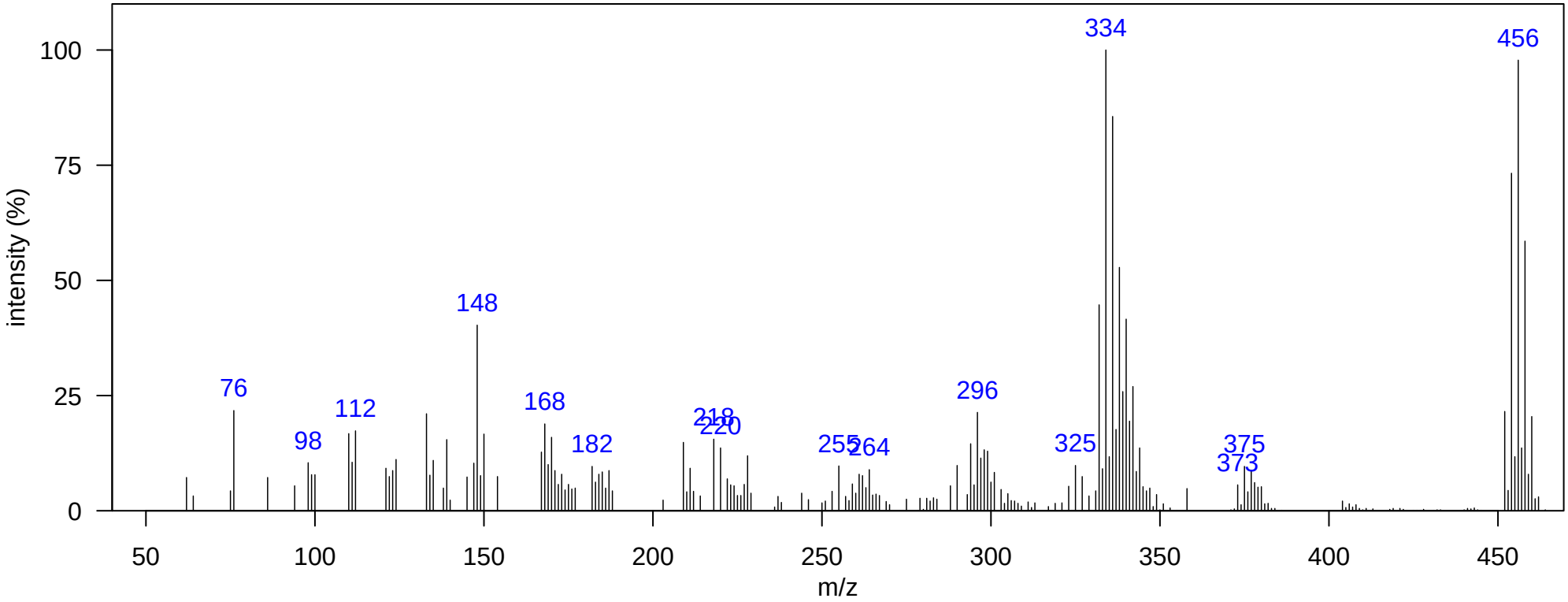
Name: DMBP Br2Cl4 1

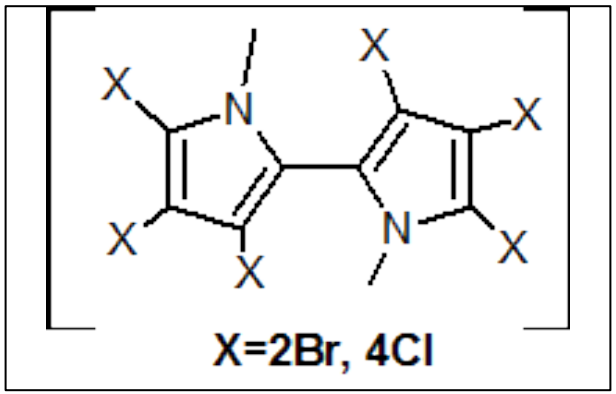
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: DMBP Br2Cl4 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1488.49, 1.115
Quantitative Ion m/z: 458

Elemental Formula: C10H6Br2Cl4N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
332 [M−BrCNCH3]+
452 M+

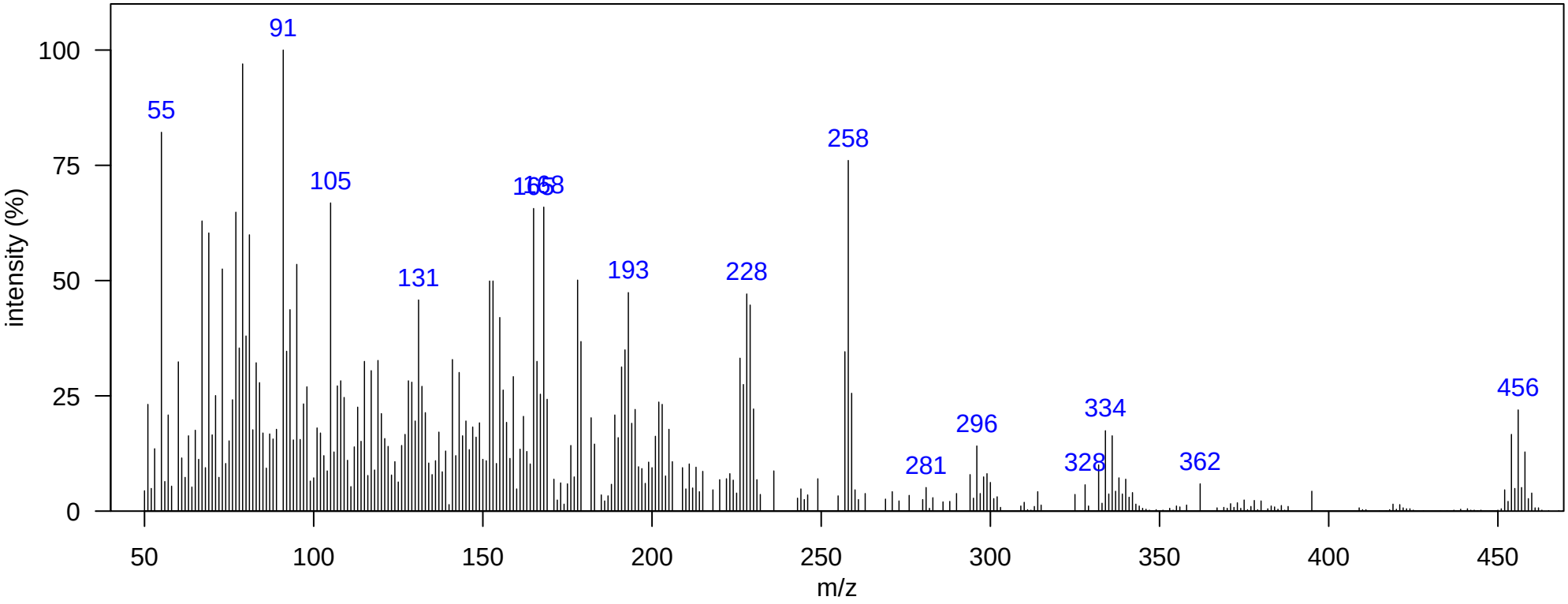
Name: DMBP Br2Cl4 2

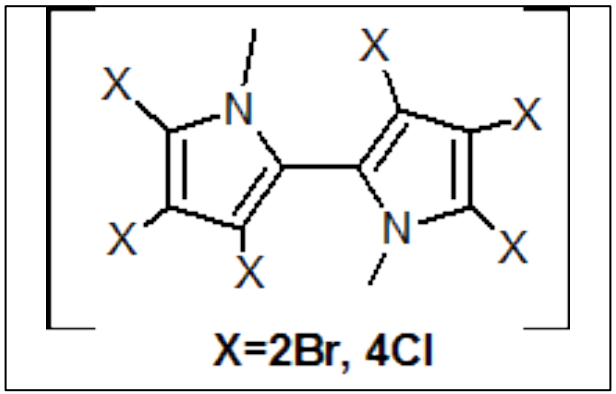
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1498.99, 1.148
Quantitative Ion m/z: 458

Elemental Formula: C10H6Br2Cl4N2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
332 [M−BrCNCH3]+
452 M+

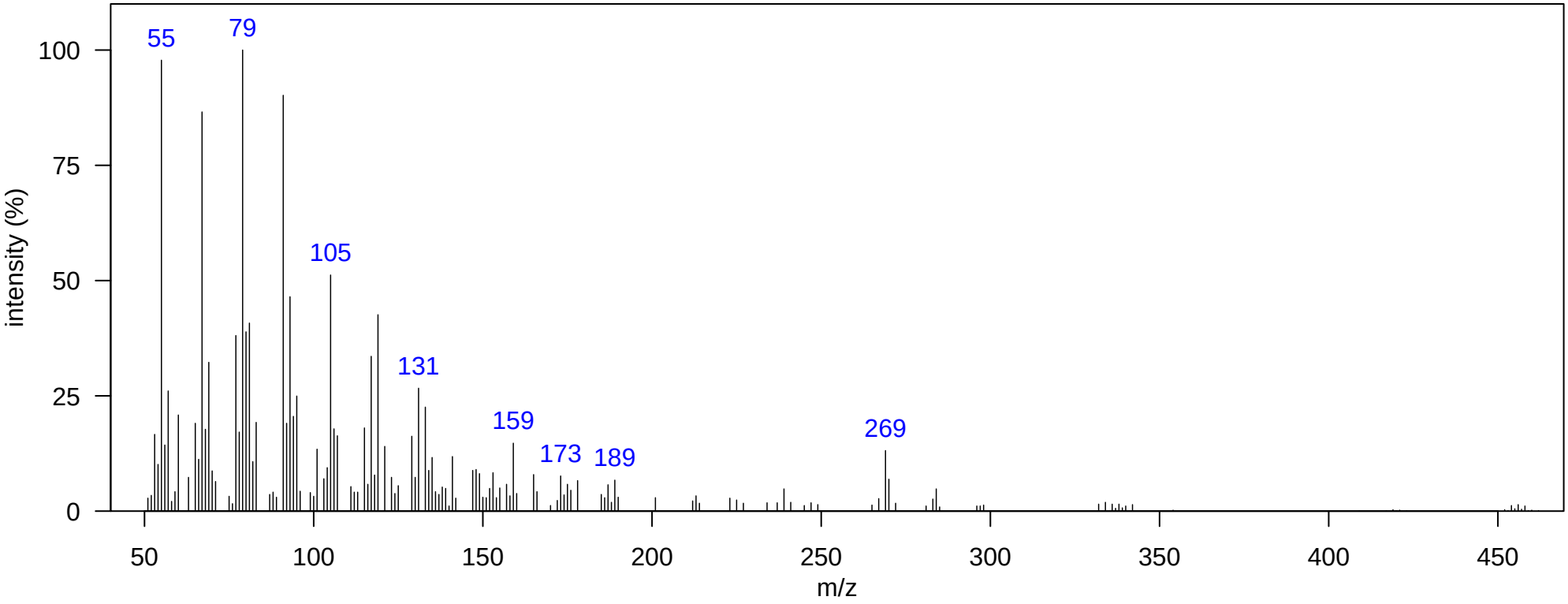
Name: DMBP Br2Cl4 3

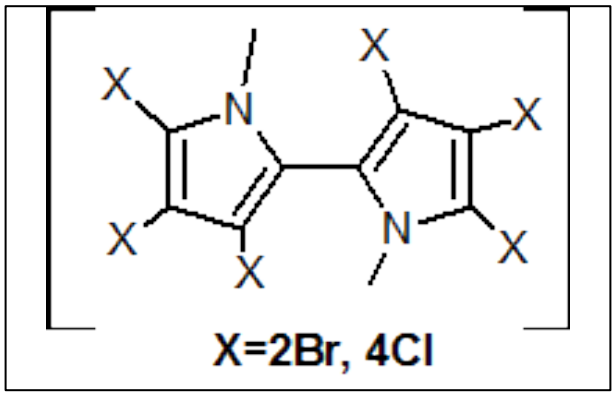
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1509.48, 1.188
Quantitative Ion m/z: 458

Elemental Formula: C10H6Br2Cl4N2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
332 [M−BrCNCH3]+
452 M+

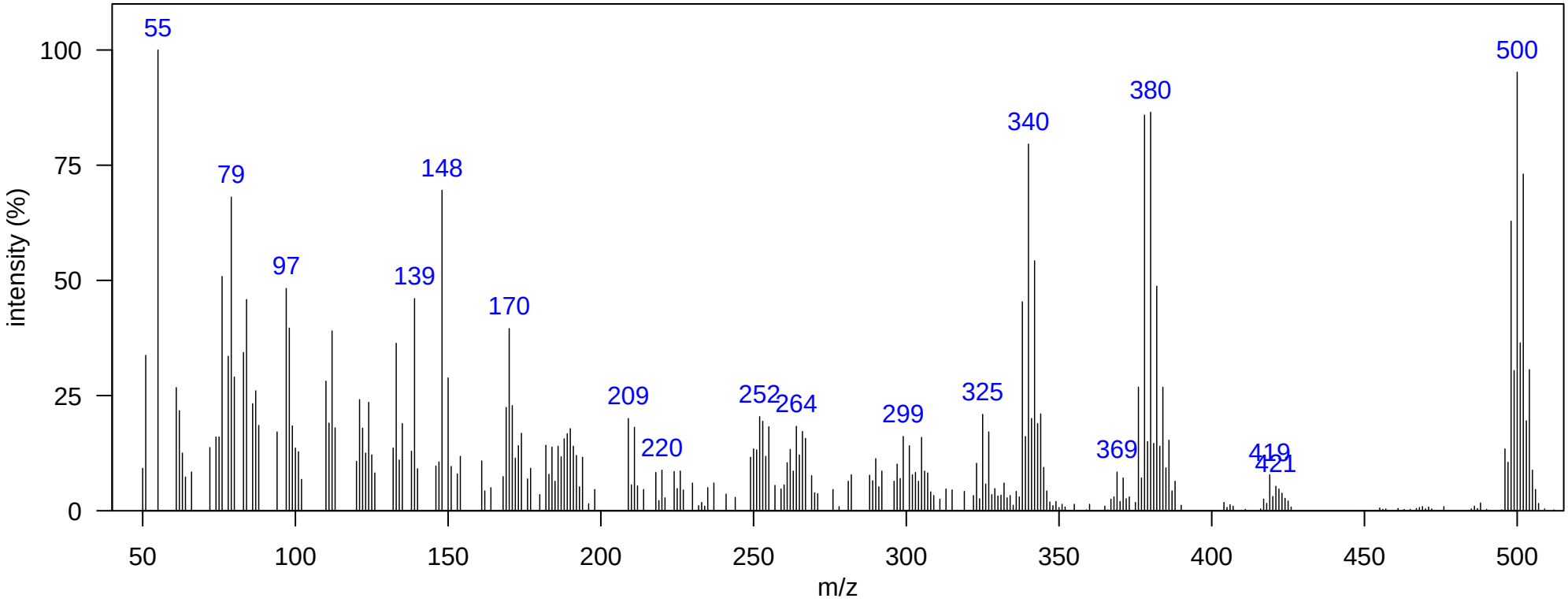
Name: DMBP Br3Cl3

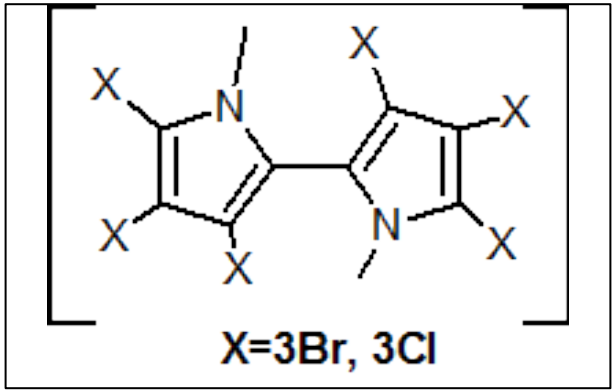
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1537.46, 1.221
Quantitative Ion m/z: 500

Elemental Formula: C10H6Br3Cl3N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
338 [M−Br2]+
376 [M−BrCNCH3]+
496 M+

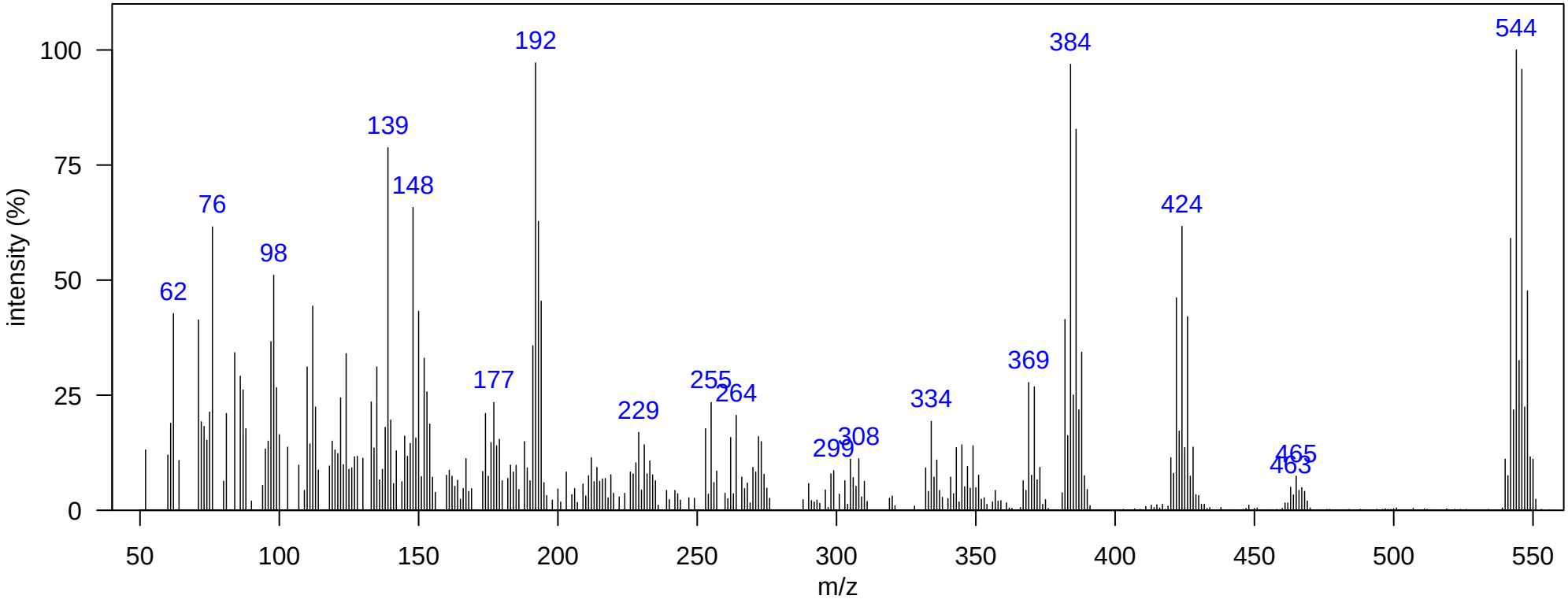
Name: DMBP Br4Cl2

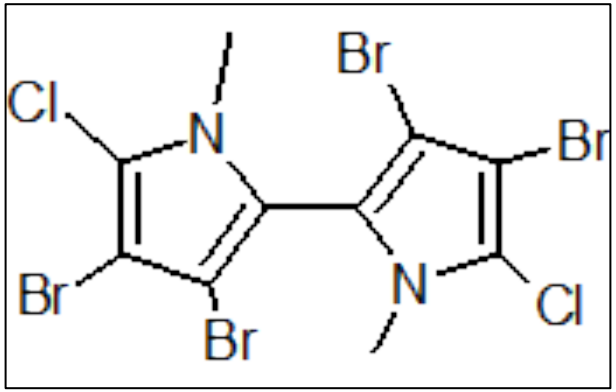
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1586.44, 1.393
Quantitative Ion m/z: 546

Elemental Formula: C10H6Cl2Br4N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
382 [M−Br2]+
420 [M−BrCNCH3]+
540 M+

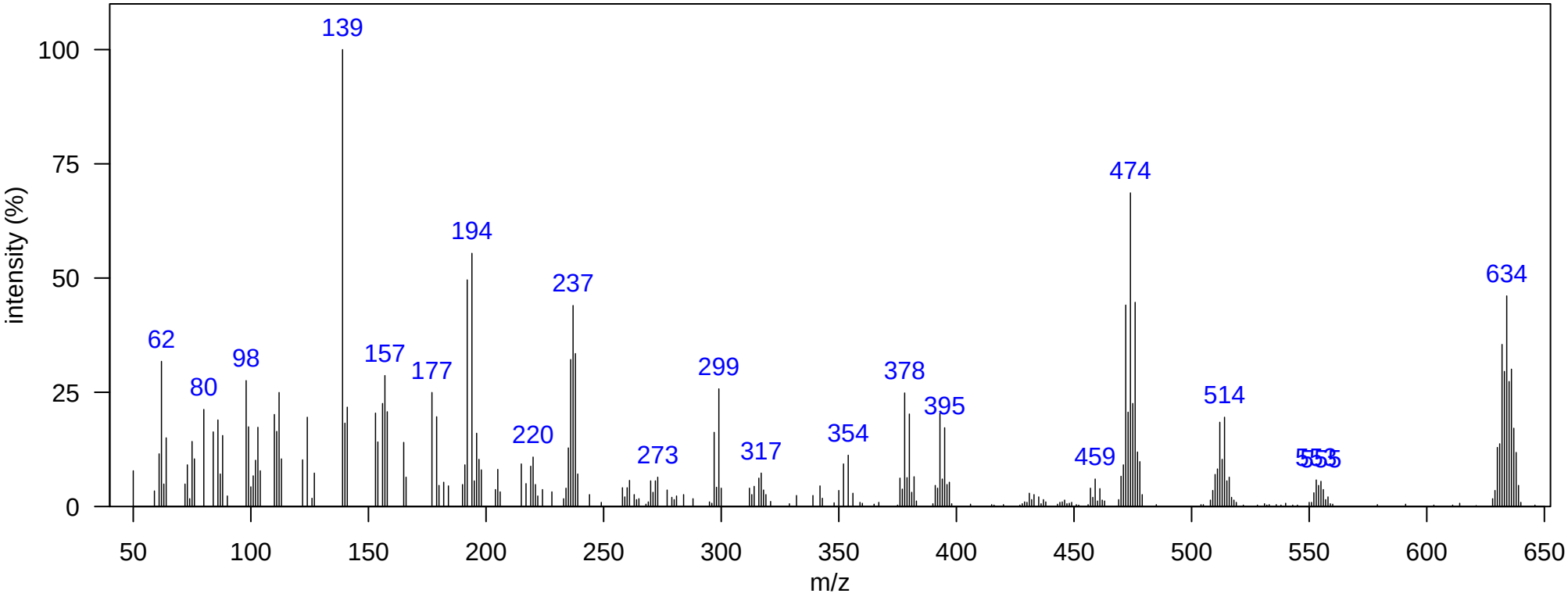
Name: DMBP 6Br

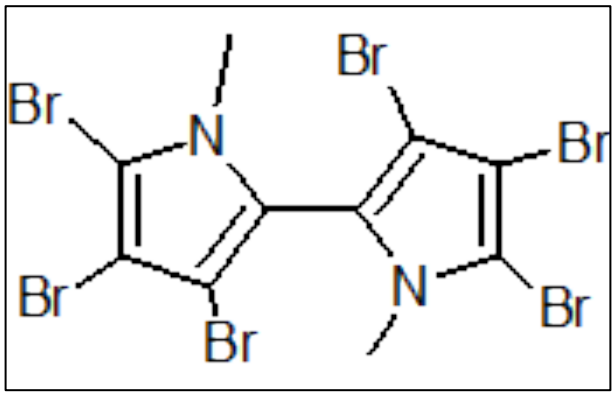
Class: DMBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1722.86, 1.683
Quantitative Ion m/z: 634

Elemental Formula: C10H6Br6N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
470 [M−Br2]+
508 [M−BrCNCH2]+
628 M+

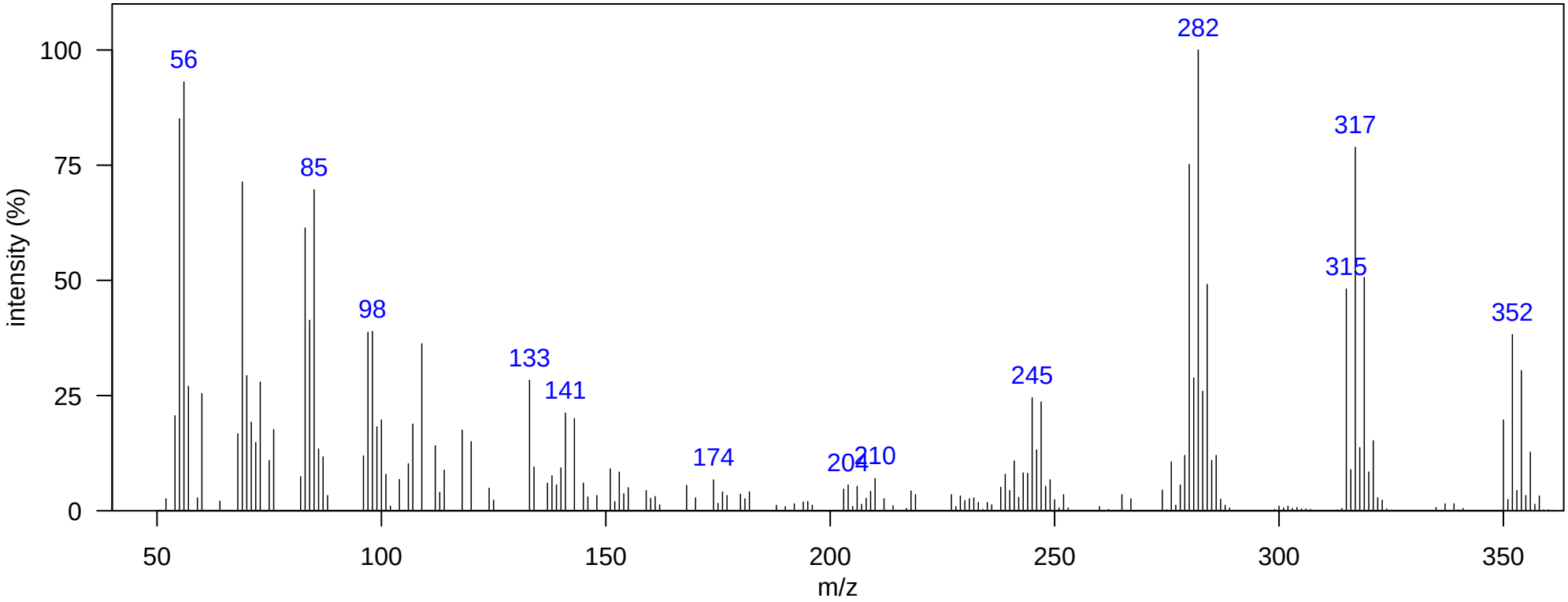
Name: MBP 6Cl 1

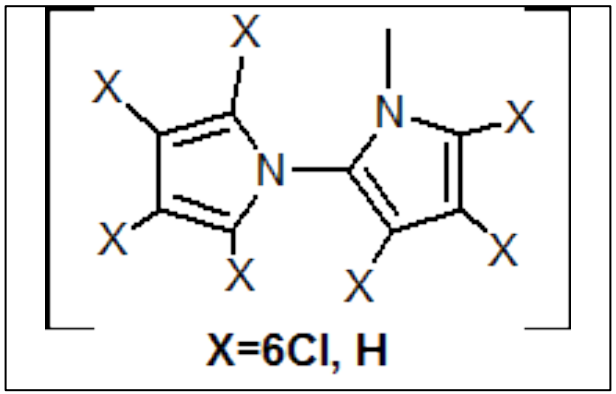
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1240.13, 0.911
Quantitative Ion m/z: 352

Elemental Formula: C9H4Cl6N2
Source: natural
Identification: Authentic MS





m/z [Fragment]
245 [M−Cl3]+
280 [M−Cl2]+
315 [M−Cl]+
350 M+

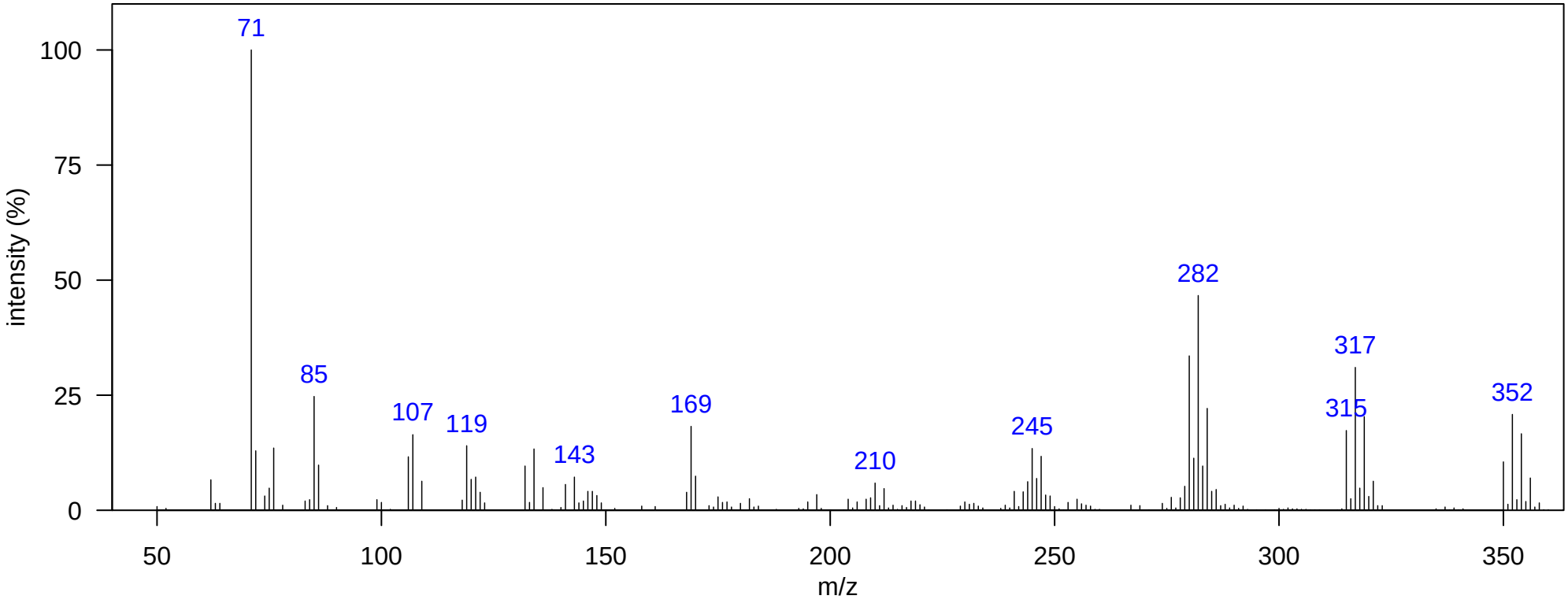
Name: MBP 6Cl 2

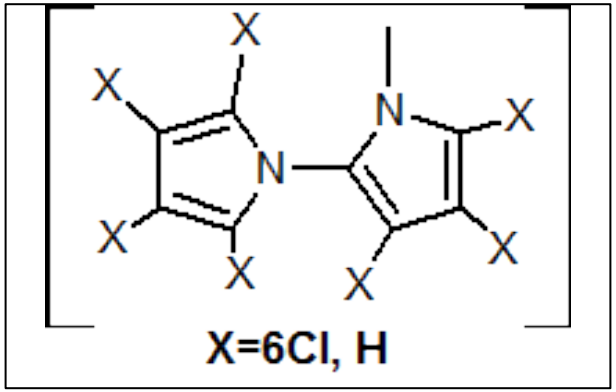
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1254.13, 0.917
Quantitative Ion m/z: 352

Elemental Formula: C9H4Cl6N2
Source: natural
Identification: Authentic MS





m/z [Fragment]
245 [M−Cl3]+
280 [M−Cl2]+
315 [M−Cl]+
350 M+

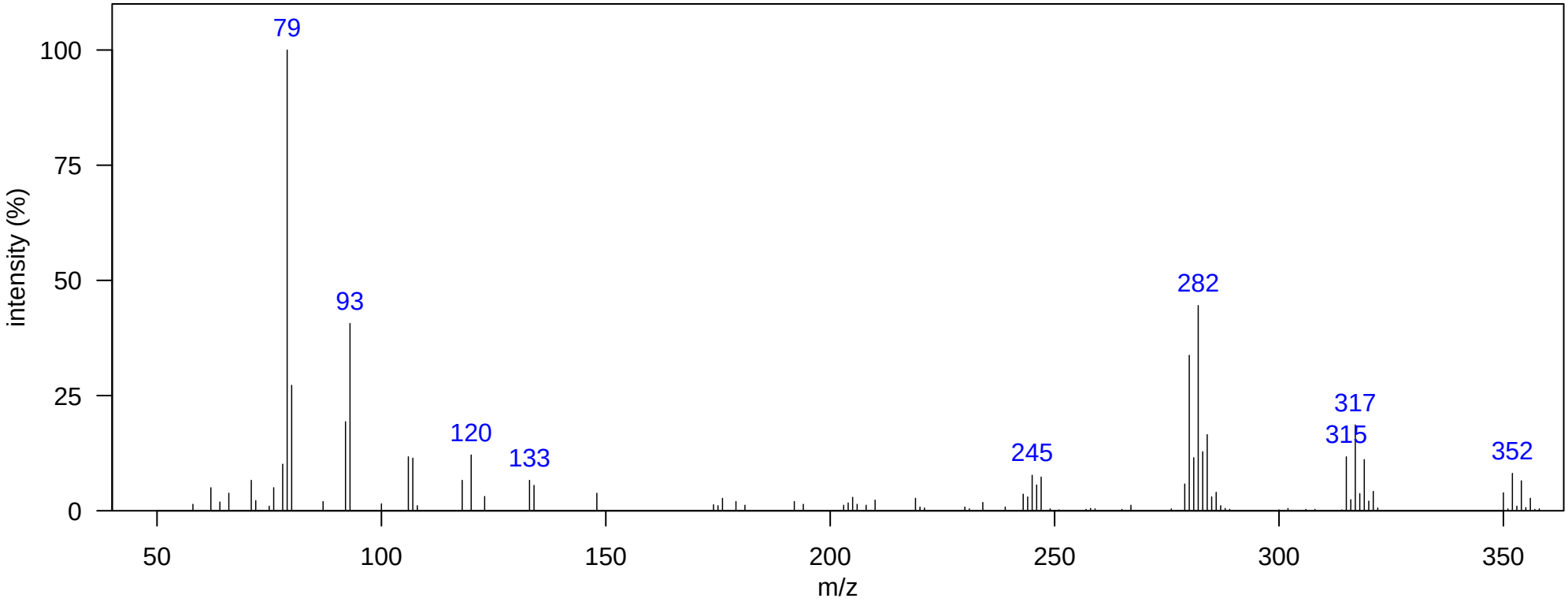
Name: MBP 6Cl 3

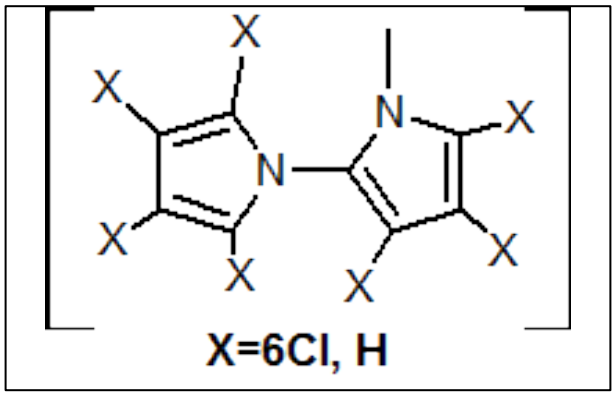
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1292.6, 0.931
Quantitative Ion m/z: 352

Elemental Formula: C9H4Cl6N2
Source: natural
Identification: Authentic MS





m/z [Fragment]
245 [M−Cl3]+
280 [M−Cl2]+
315 [M−Cl]+
350 M+

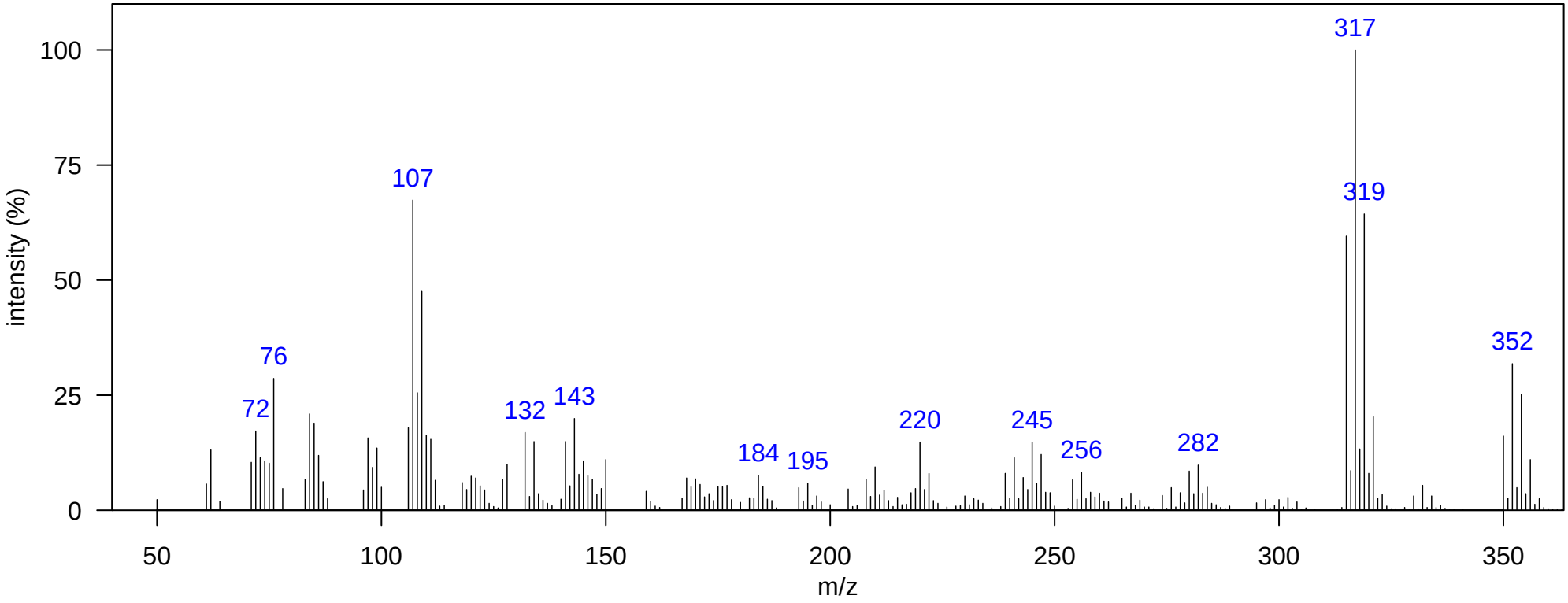
Name: MBP 6Cl 4

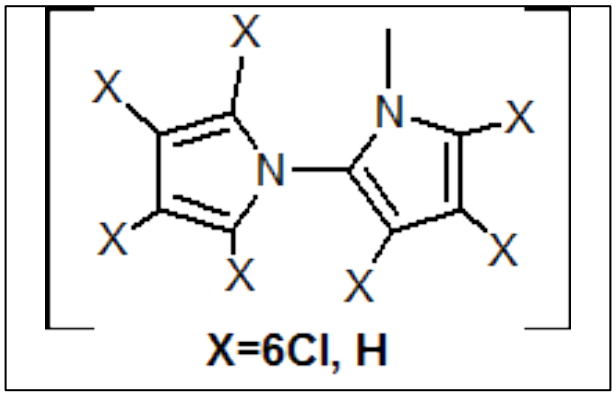
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: MBP 6Cl 3 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1299.6, 0.97
Quantitative Ion m/z: 352

Elemental Formula: C9H4Cl6N2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
245 [M−Cl3]+
280 [M−Cl2]+
315 [M−Cl]+
350 M+

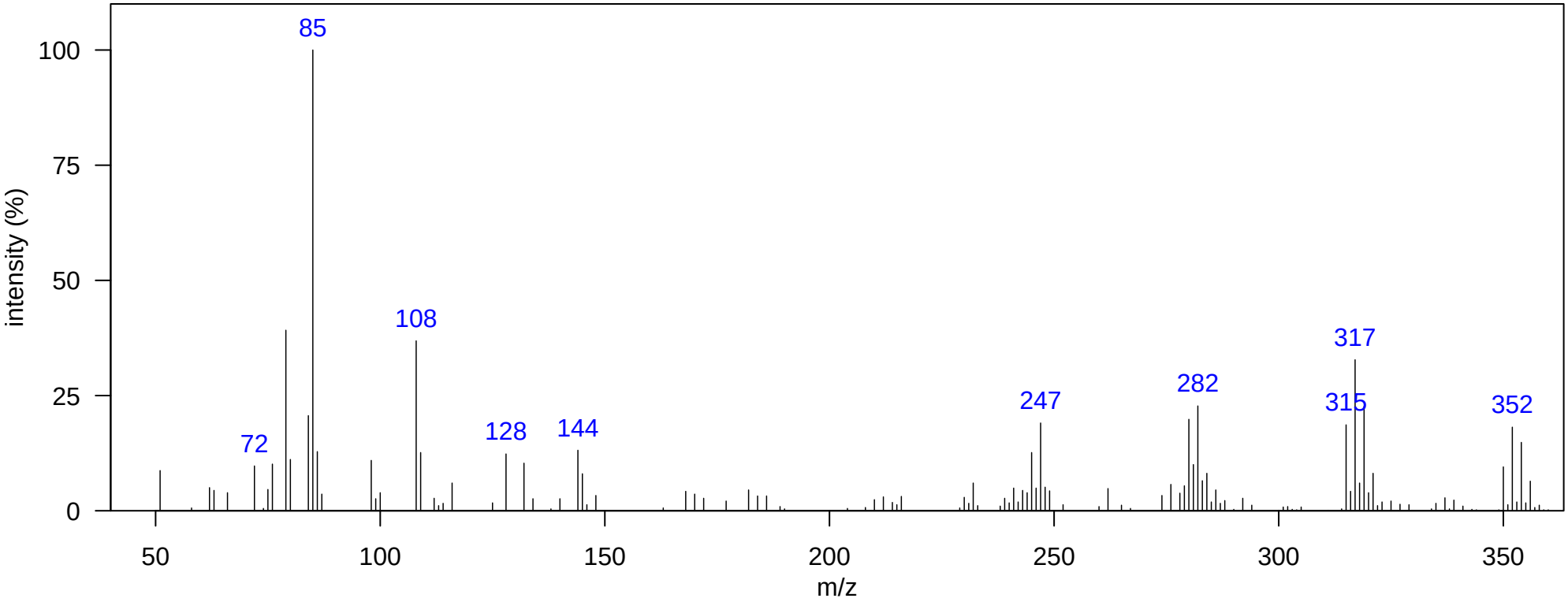
Name: MBP 6Cl 5

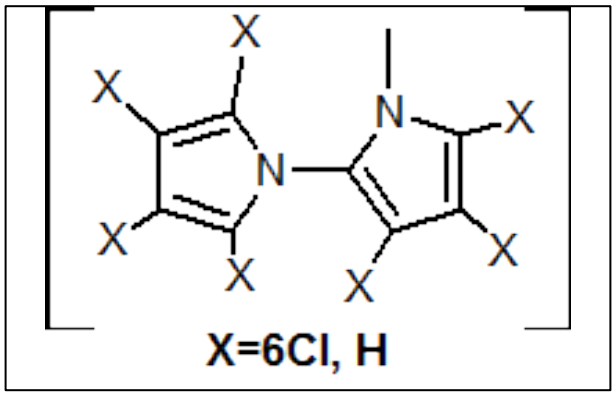
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1334.58, 0.964
Quantitative Ion m/z: 352

Elemental Formula: C9H4Cl6N2
Source: natural
Identification: Manual−Congener Group





m/z [Fragment]
245 [M−Cl3]+
280 [M−Cl2]+
315 [M−Cl]+
350 M+

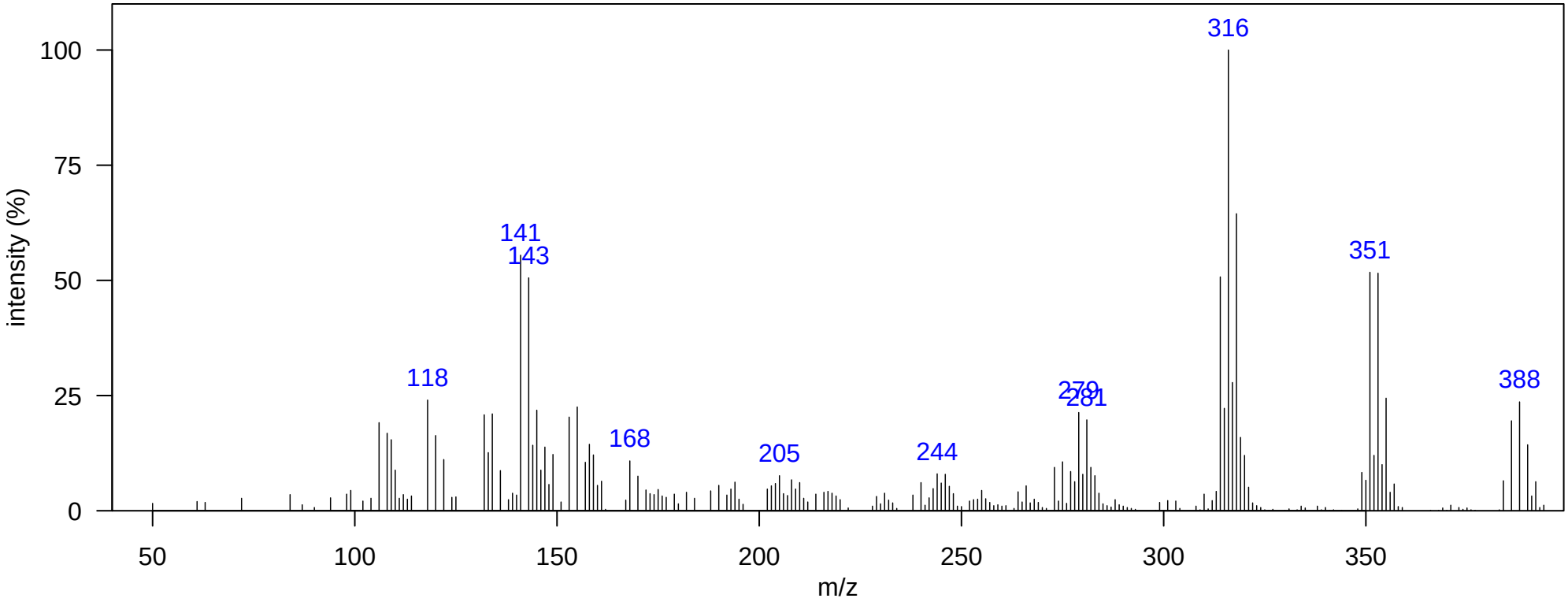
Name: MBP 7Cl

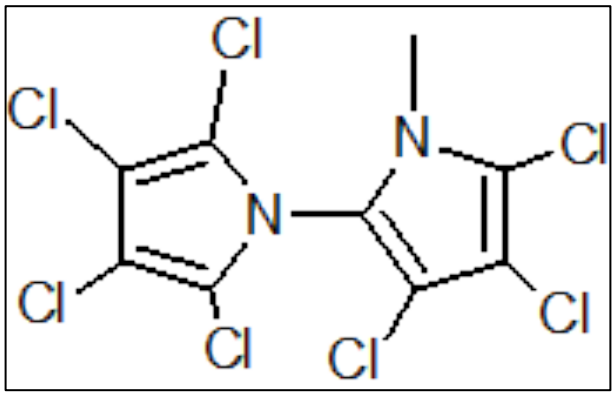
Class: MBP

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1341.58, 0.997
Quantitative Ion m/z: 388

Elemental Formula: C9H3Cl7N2
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
314 [M−Cl2]+
349 [M−Cl]+
384 M+

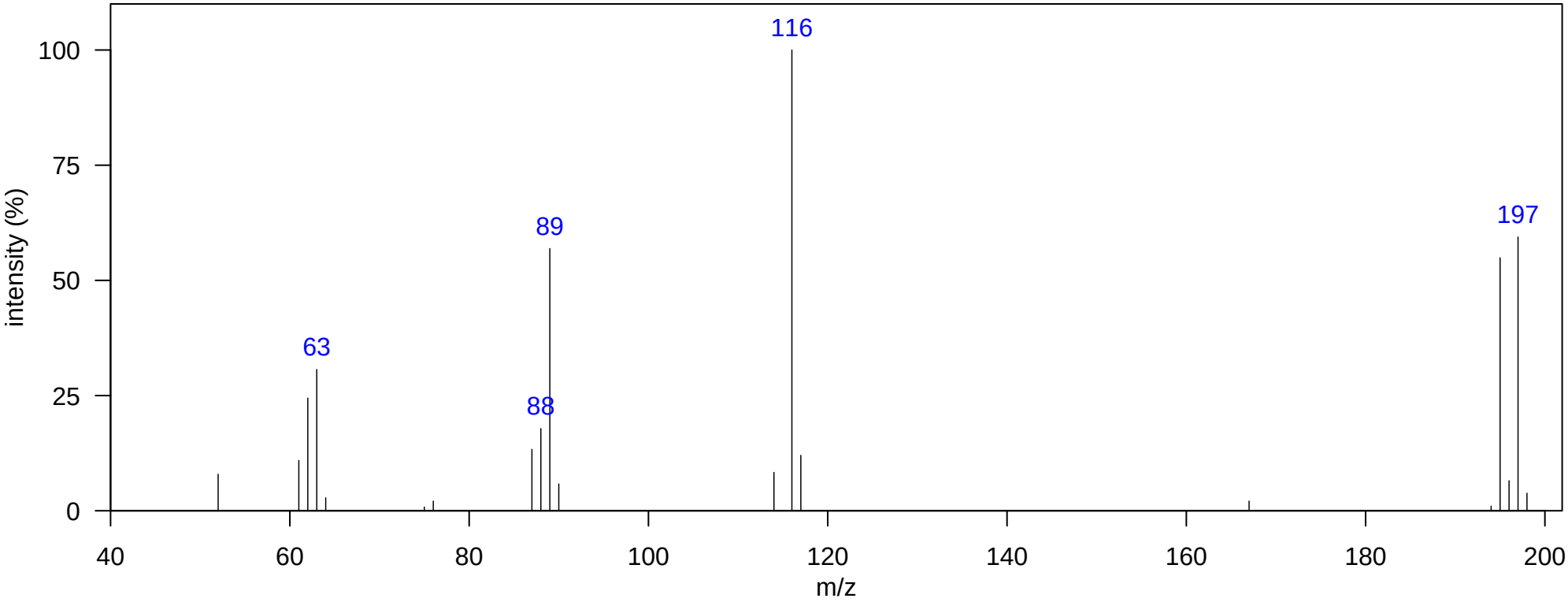
Name: 5−bromoindole

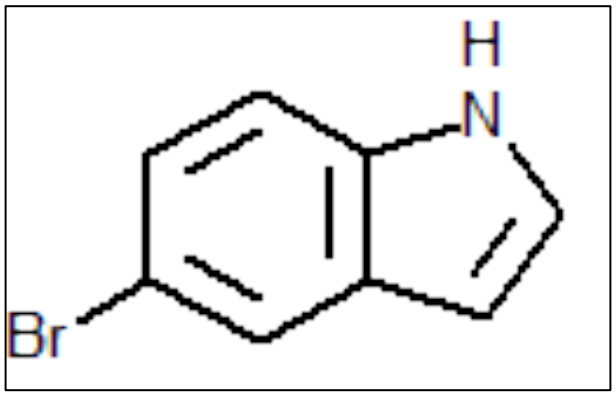
Class: Brominated indole

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1040.75, 1.003
Quantitative Ion m/z: 195

Elemental Formula: C8H6BrN
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
89 [M−Br−CNH]+
116 [M−Br]+
195 M+

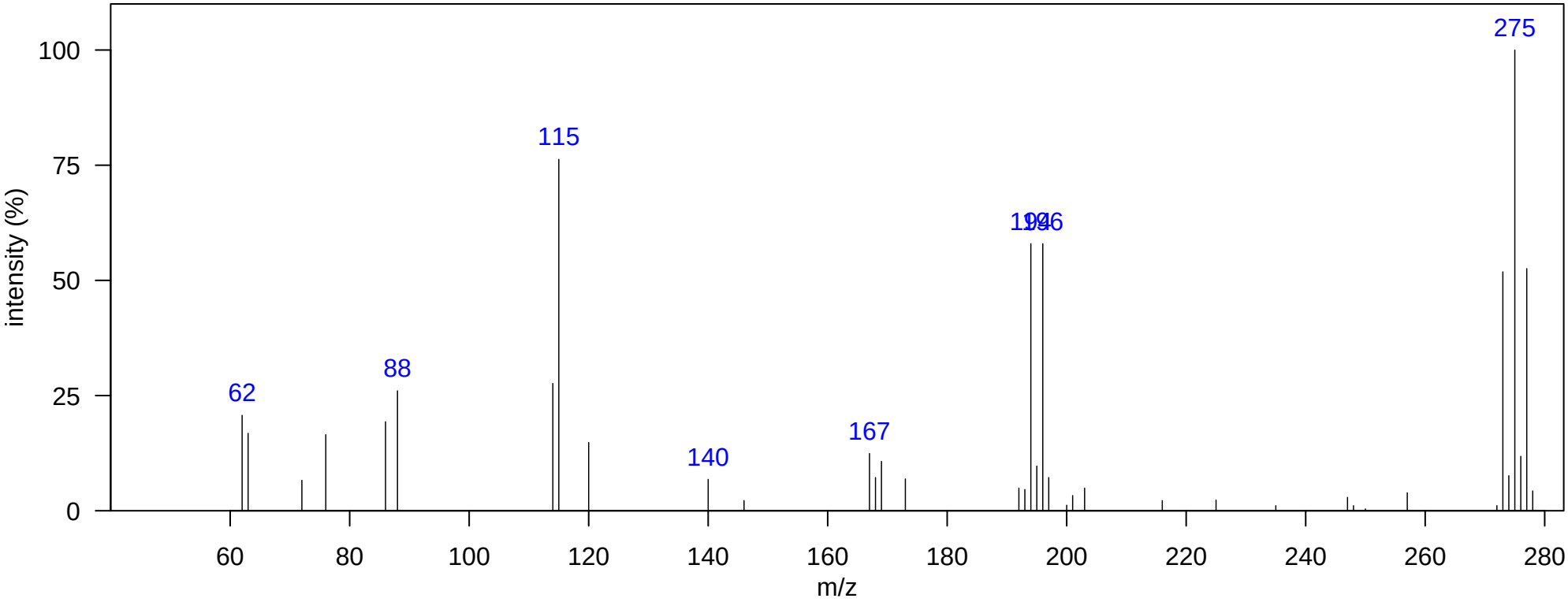
Name: 4,6−dibromoindole

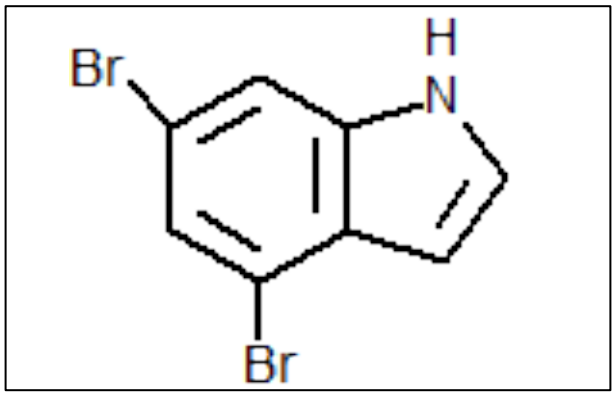
Class: Brominated indole

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1261.12, 1.129
Quantitative Ion m/z: 275

Elemental Formula: C8H5Br2N
Source: natural
Identification: Authentic MS RT





m/z [Fragment]
194 [M−Br]+
273 M+

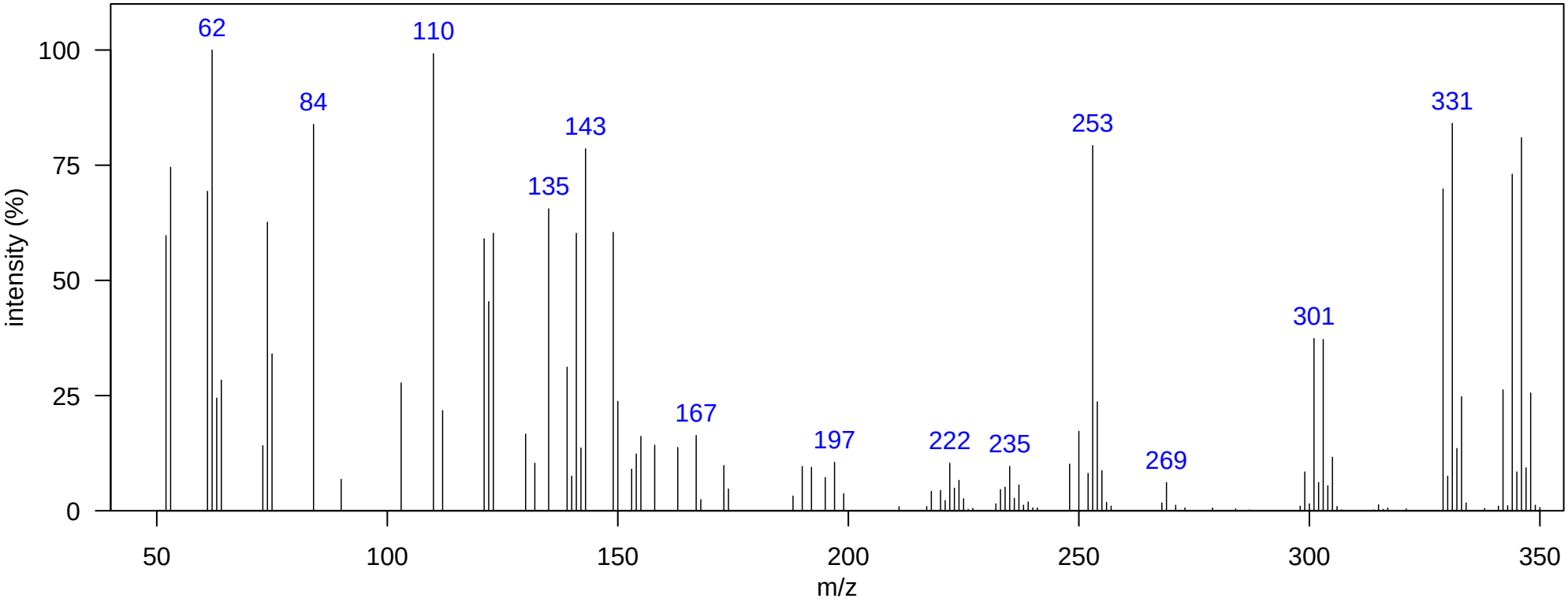
Name: 2,4,6−tribromo anisole

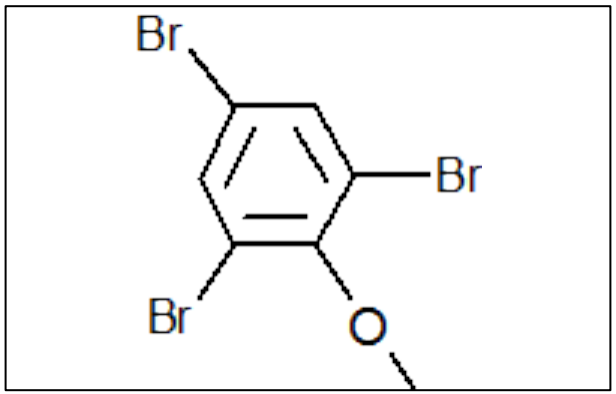
Class: Brominated anisole

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1033.75, 0.898
Quantitative Ion m/z: 331

Elemental Formula: C7H5Br3O
Source: mixed
Identification: Authentic MS RT





m/z [Fragment]
299 [M−CH3−CO]+
327 [M−CH3]+
342 M+

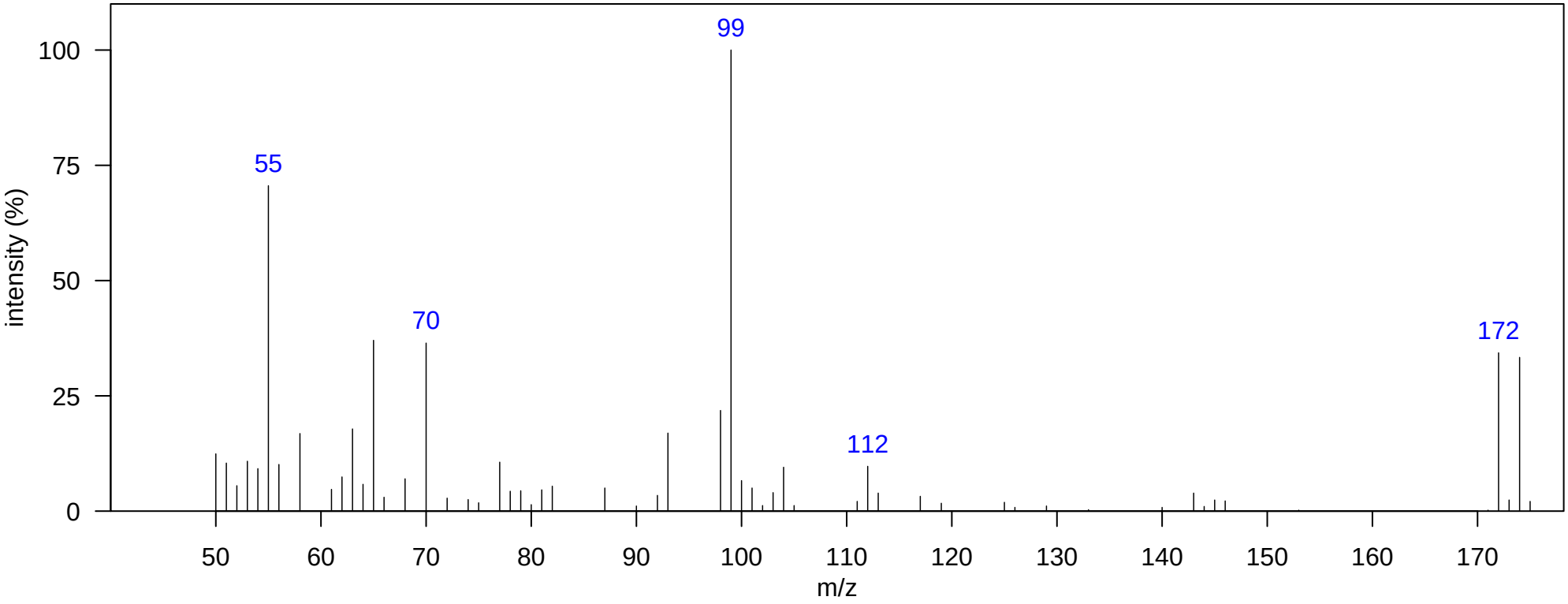
Name: bromophenol

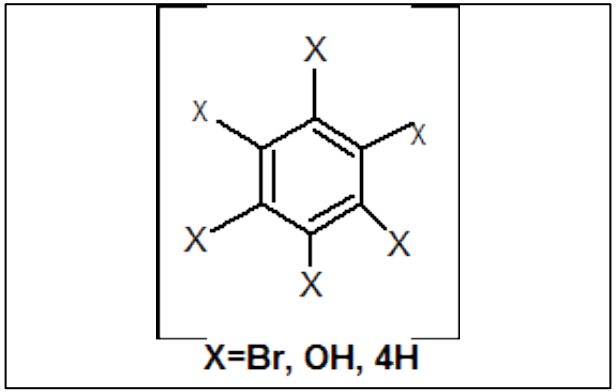
Class: Bromophenol−M

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 799.386, 0.858
Quantitative Ion m/z: 172

Elemental Formula: C6H5BrO
Source: mixed
Identification: Reference Database MS





m/z [Fragment]
172 [M−Br]+

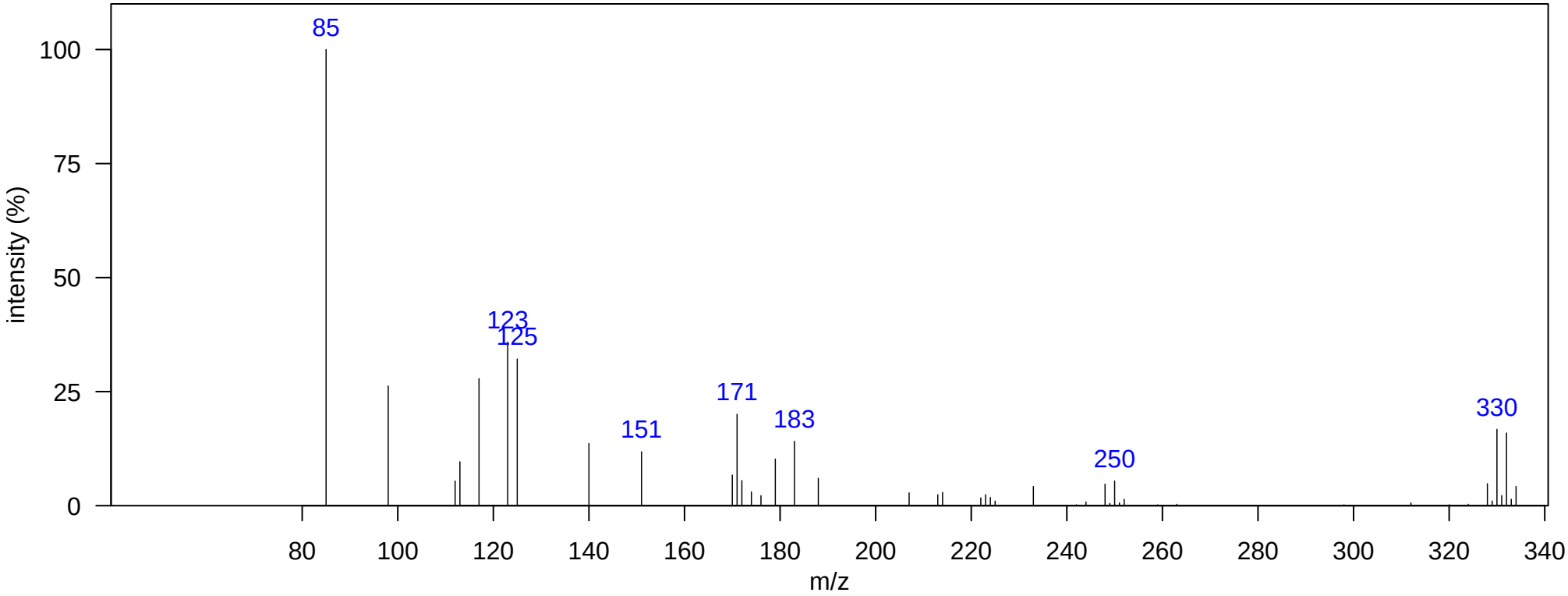
Name: tribromophenol

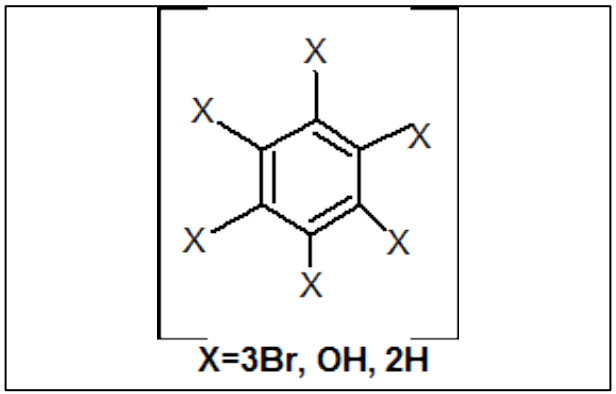
Class: Bromophenol−M

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1051.24, 0.937
Quantitative Ion m/z: 330

Elemental Formula: C6H3Br3O
Source: mixed
Identification: Reference Database MS





m/z [Fragment]
248 [M−Br2]+
330 [M−Br3]+

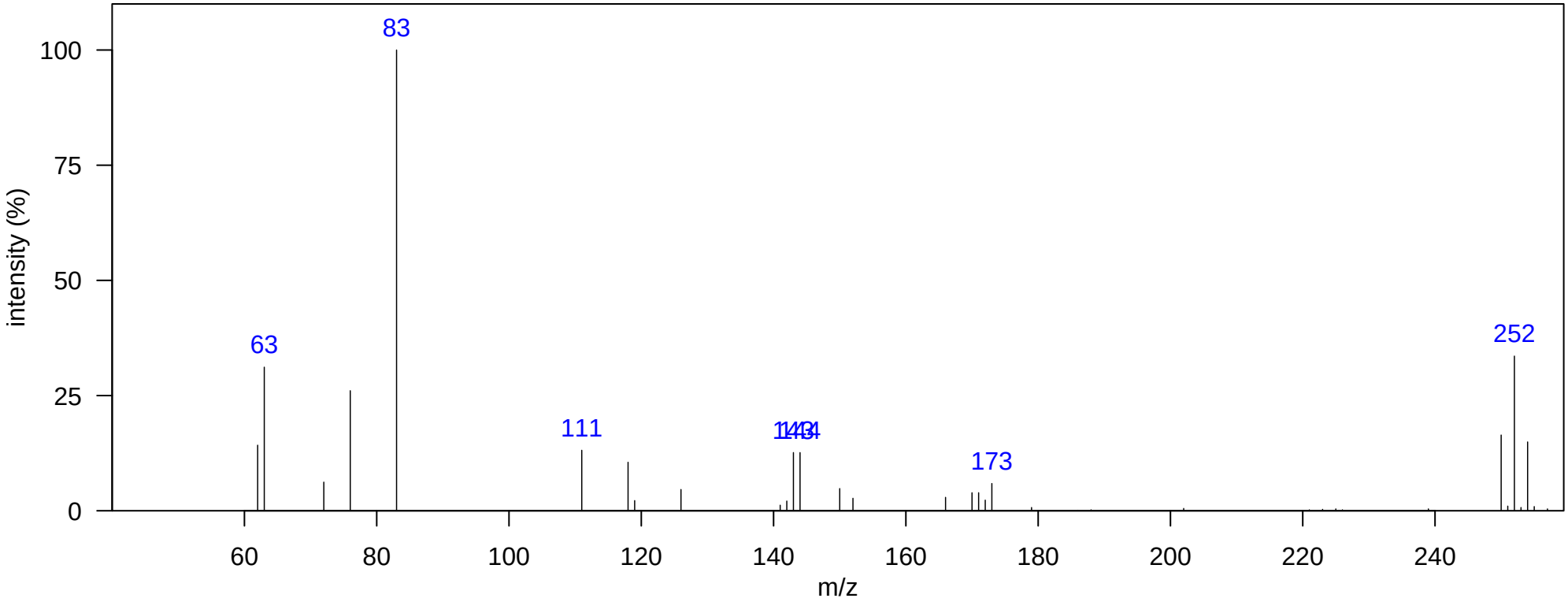
Name: dibromophenol

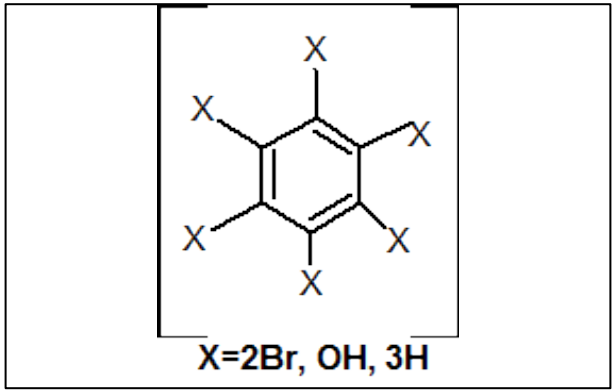
Class: Bromophenol−U

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 834.366, 0.865
Quantitative Ion m/z: 252

Elemental Formula: C6H4Br2O
Source: unknown
Identification: Reference Database MS





m/z [Fragment]
250 [M−Br2]+

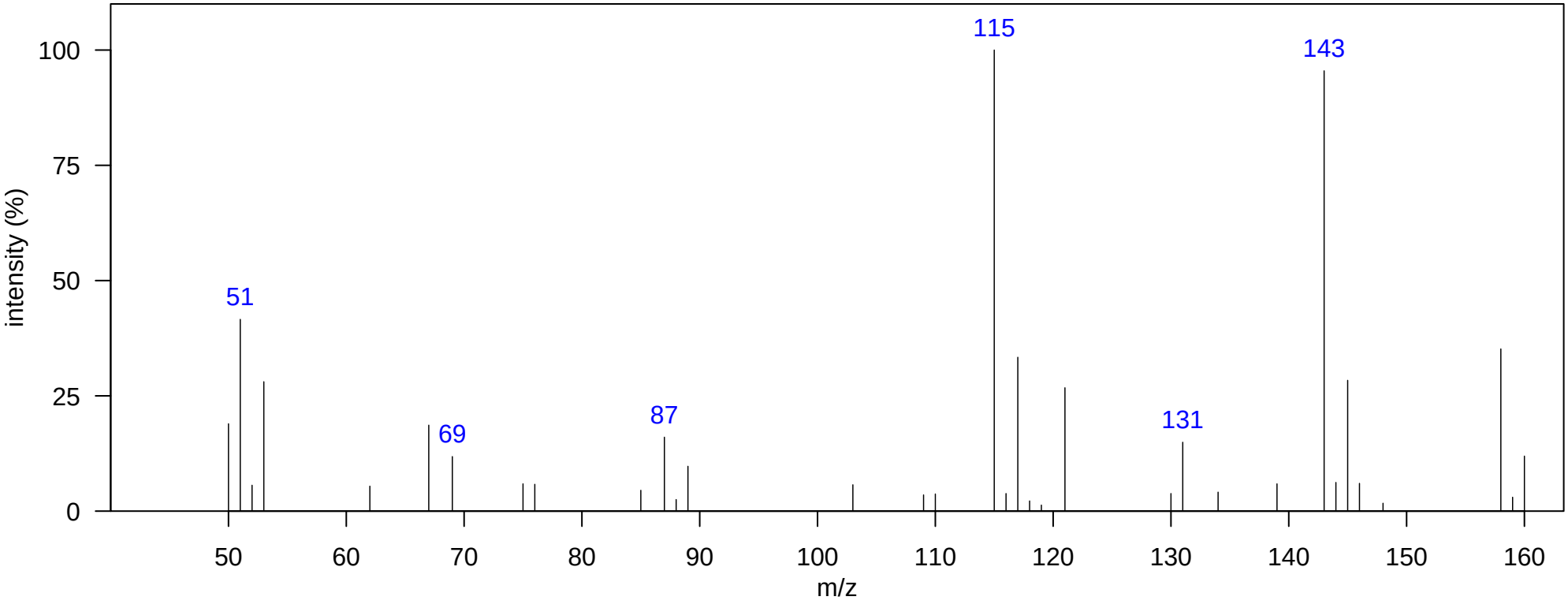
Name: methoxy chlorophenol

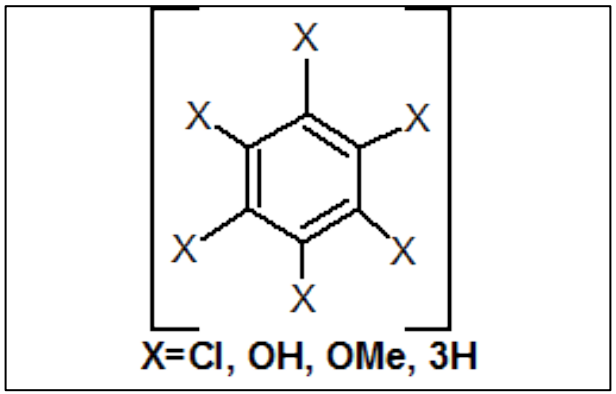
Class: Chlorophenol−M

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 781.896, 0.832
Quantitative Ion m/z: 143

Elemental Formula: C7H7ClO2
Source: mixed
Identification: Reference Database MS





m/z [Fragment]
143 [M−Cl]+
158 M+

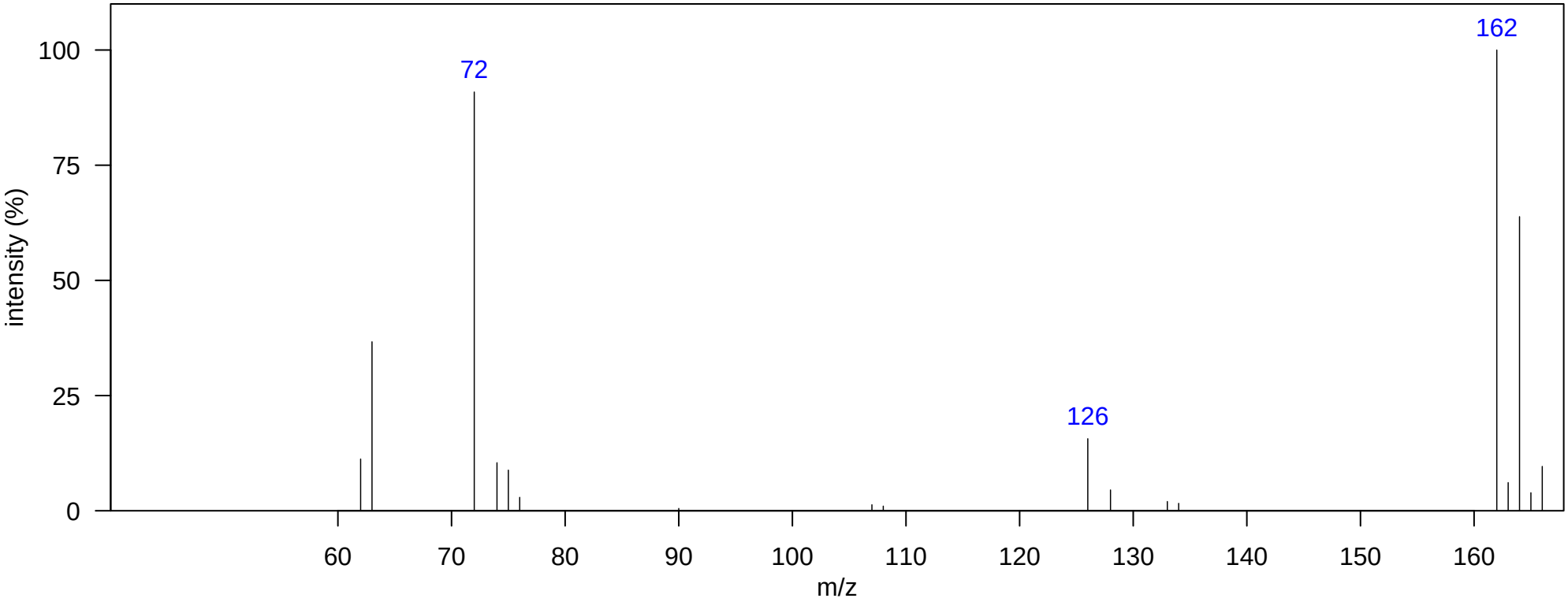
Name: dichlorophenol

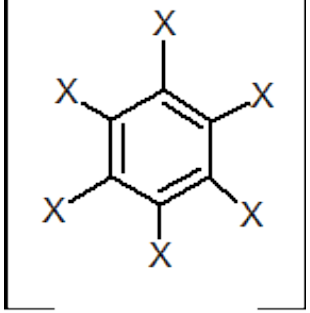
Class: Chlorophenol−U

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 715.434, 1.082
Quantitative Ion m/z: 162

Elemental Formula: C6H4Cl2O
Source: unknown
Identification: Reference Database MS





X=2Cl, OH, 3H

m/z [Fragment]
126 [M−Cl2]+
162 M+

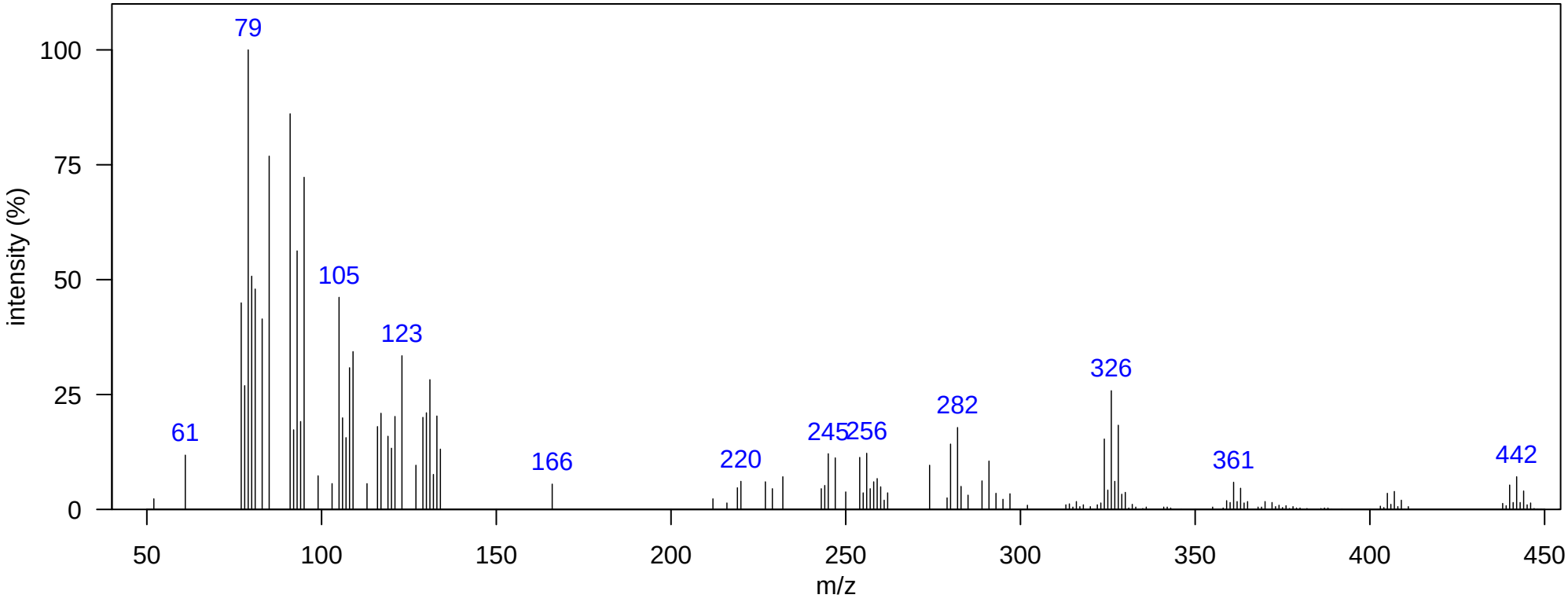
Name: PBCDE Br3Cl 1

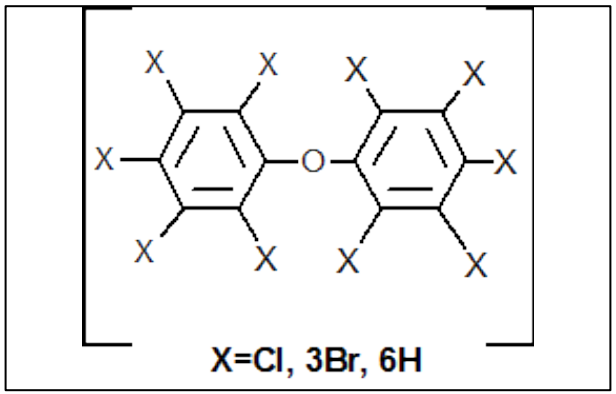
Class: B/CDE

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1355.57, 0.997
Quantitative Ion m/z: 442

Elemental Formula: C12H6Br3ClO
Source: unknown
Identification: Manual−Congener Group





m/z [Fragment]
245 [H−Br2−Cl]
280 [M−Br2]+
359 [M−Br]+
403 [M−Cl]+
438 M+

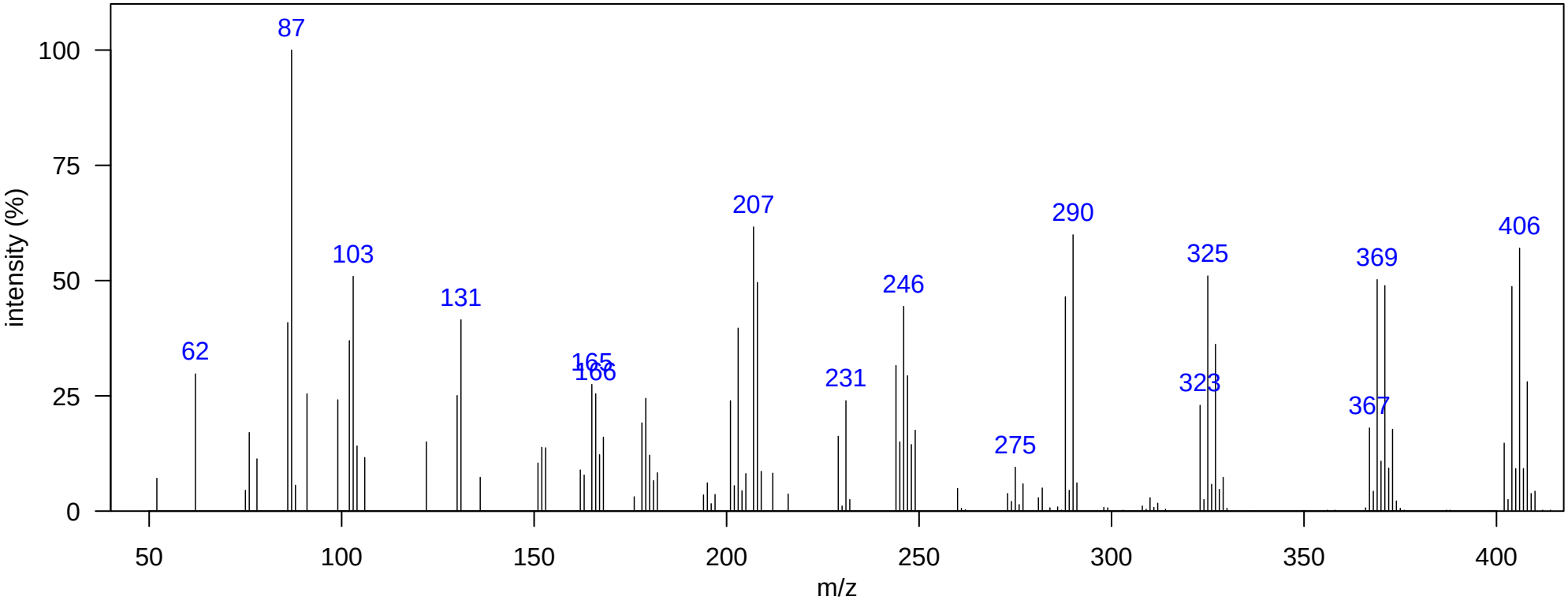
Name: unknown−1−1

Class: Unknown−1

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−3−1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1264.62, 1.003
Quantitative Ion m/z: 406

Elemental Formula: C9H6OBr3Cl
Source: unknown
Identification: NA



m/z [Fragment]
288 [M−BrCl]+
323 [M−Br]+
367 [M−Cl]+
402 M+

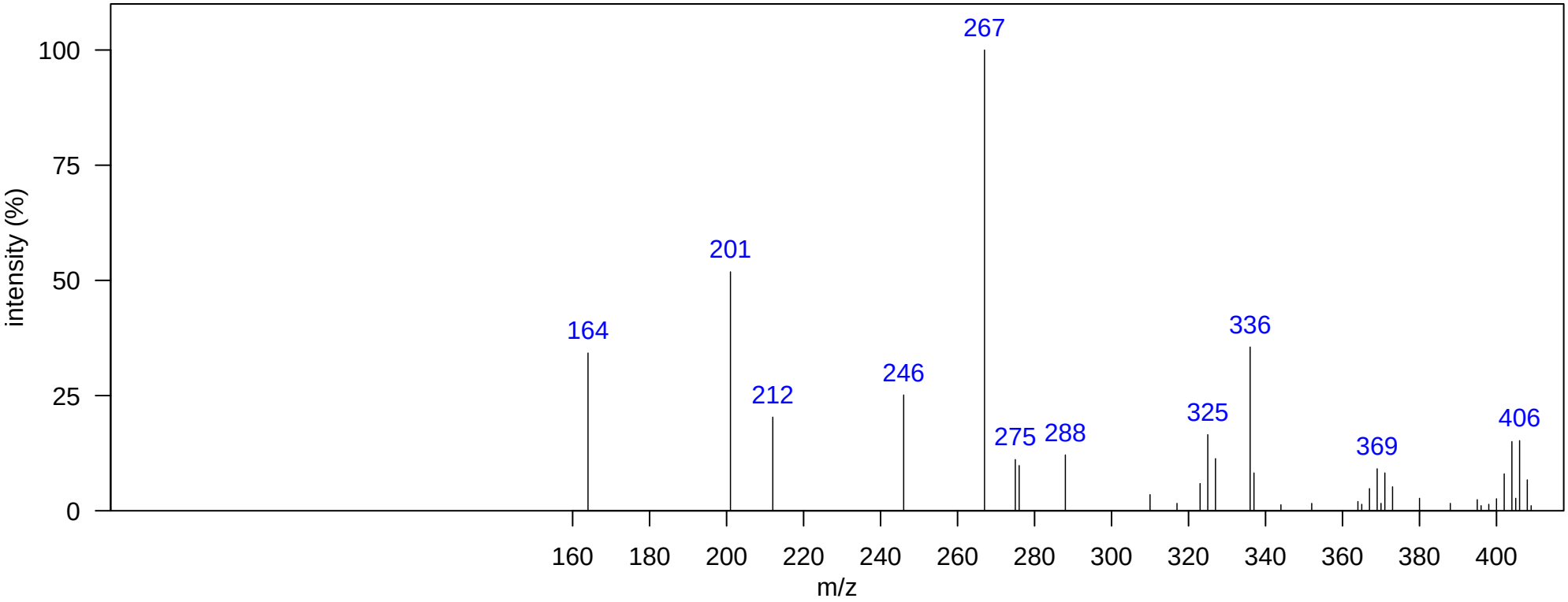
Name: unknown−1−2

Class: Unknown−1

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1275.11, 1.01
Quantitative Ion m/z: 406

Elemental Formula: C9H6OBr3Cl
Source: unknown
Identification: NA



m/z [Fragment]
288 [M−BrCl]+
323 [M−Br]+
367 [M−Cl]+
402 M+

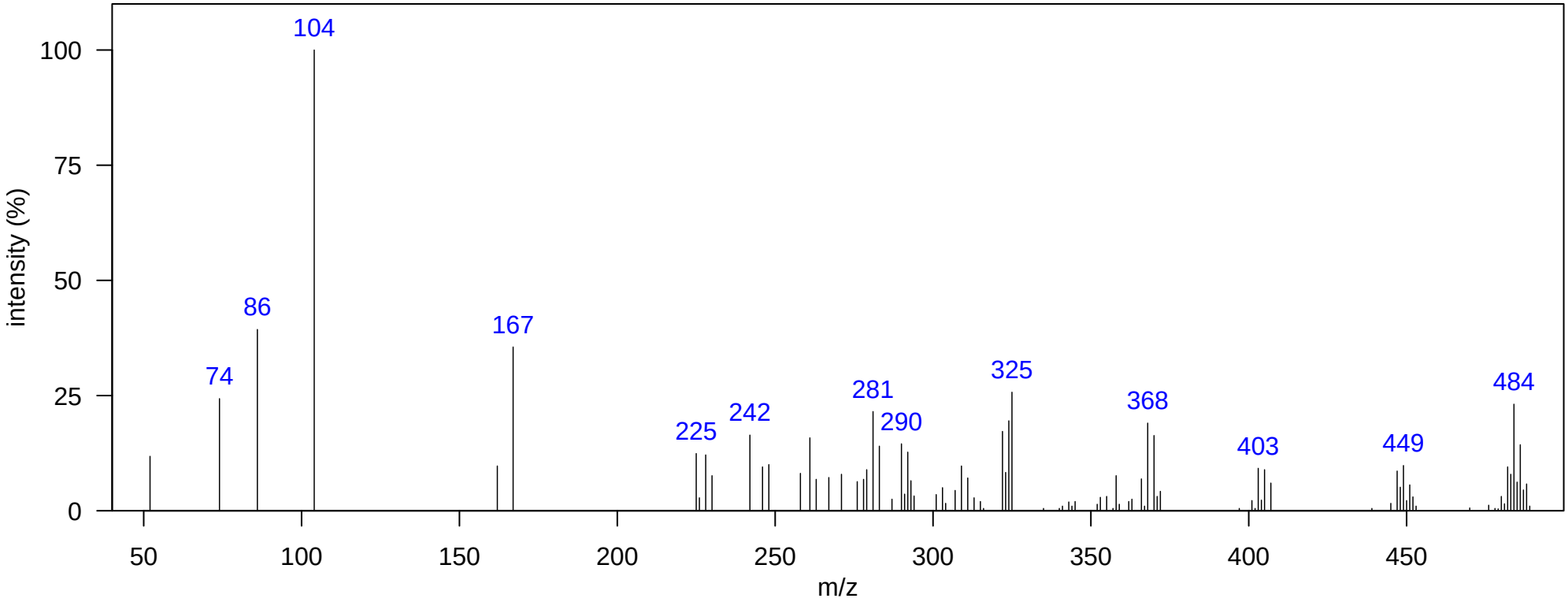
Name: unknown−1−3

Class: Unknown−1

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−3−2 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1376.56, 1.096
Quantitative Ion m/z: 484

Elemental Formula: C9H6OBr4Cl
Source: unknown
Identification: NA



m/z [Fragment]
322 [M−Br2]+
366 [M−BrCl]+
401 [M−Br]+
445 [M−Cl]+
480 M+

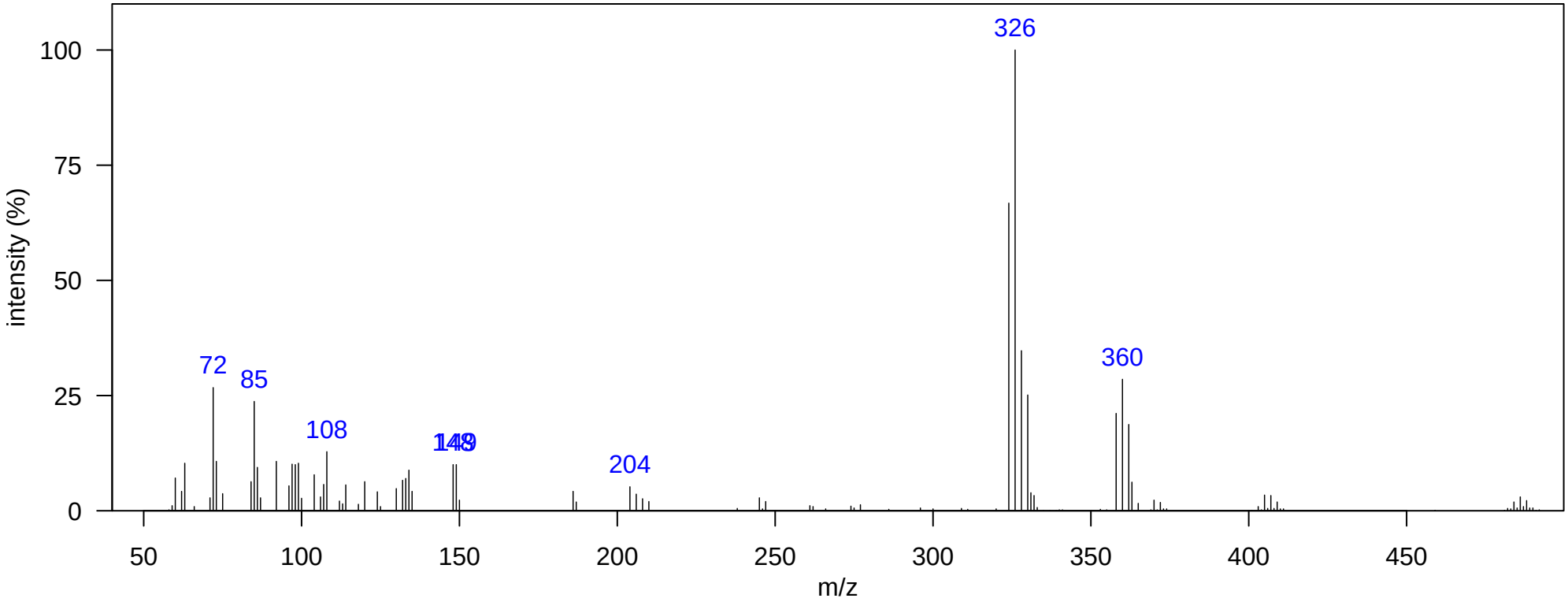
Name: unknown−1−4

Class: Unknown−1

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1401.04, 1.036
Quantitative Ion m/z: 484

Elemental Formula: C9H6OBr4Cl
Source: unknown
Identification: NA



m/z [Fragment]
360 PCB Interference
401 [M−Br]+
480 M+

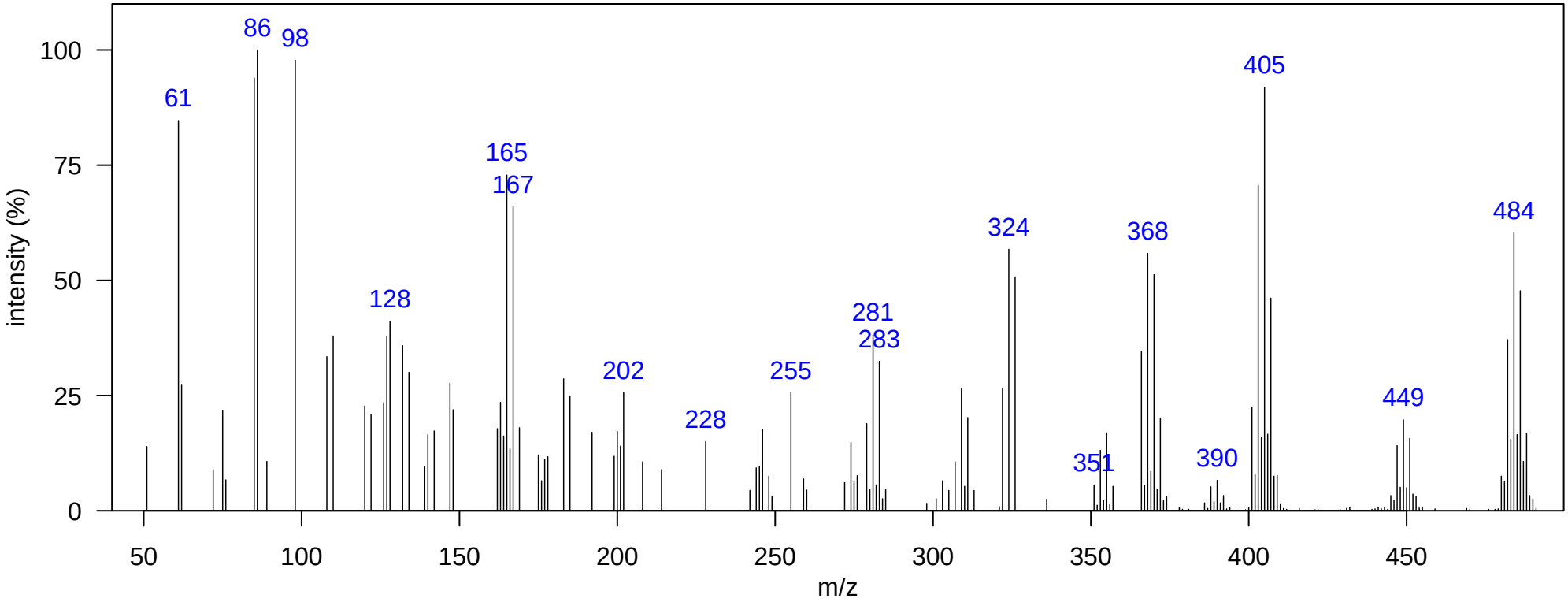
Name: unknown−1−5

Class: Unknown−1

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−3−3 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1429.03, 1.135
Quantitative Ion m/z: 484

Elemental Formula: C9H6OBr4Cl
Source: unknown
Identification: NA



m/z [Fragment]
401 [M−Br]+
445 [M−Cl]+
480 M+

Name: unknown−2−1

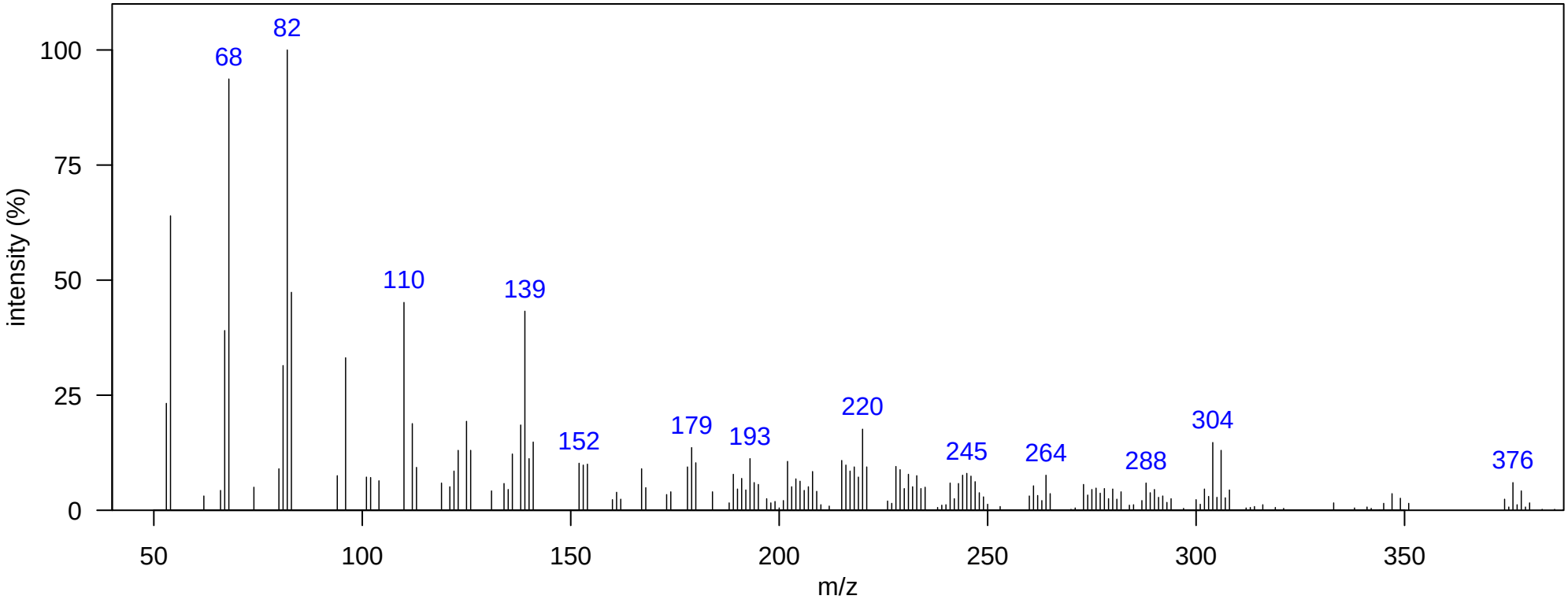
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1436.02, 1.003
Quantitative Ion m/z: 376

Elemental Formula: C12H4Cl6O
Source: unknown
Identification: NA

Comment: unknown−4−3 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
304 [M−Cl2]+
374 M+

Name: unknown−2−2

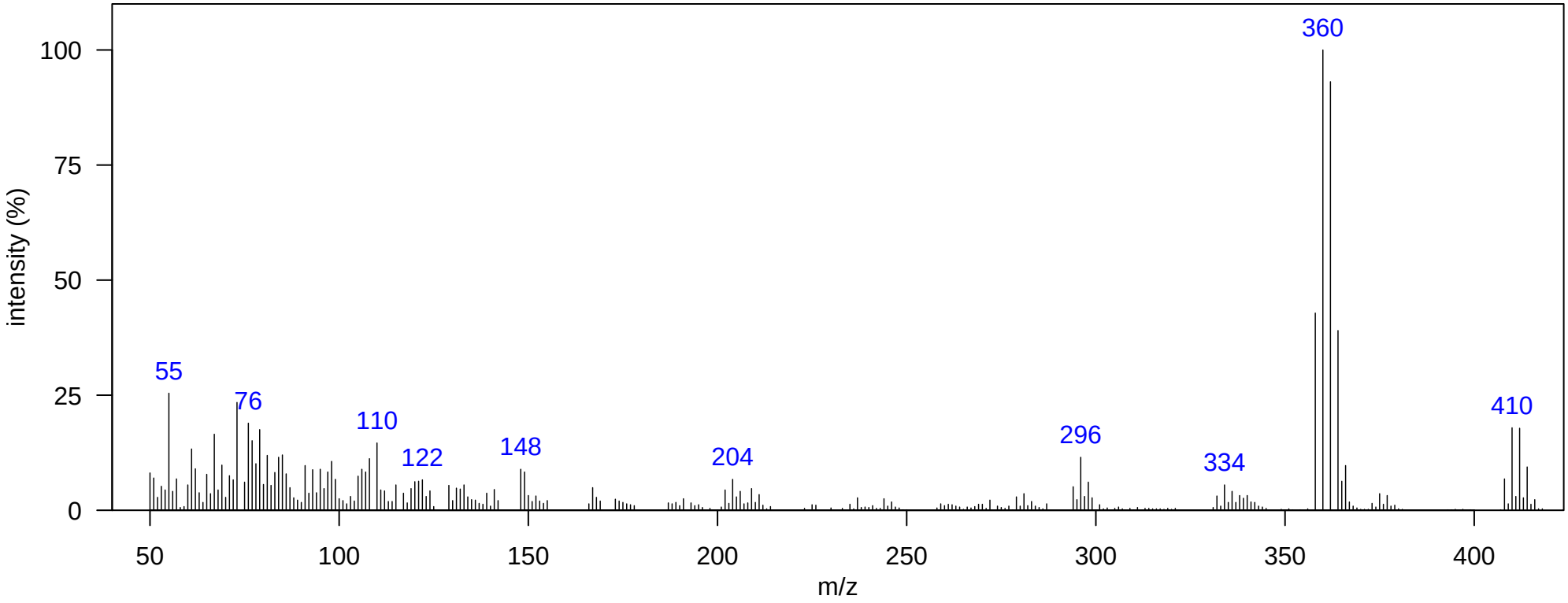
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1457.01, 1.076
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA

Comment: unknown−4−9 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
360 PCB Interference
373 [M−Cl]+
408 M+

Name: unknown−2−3

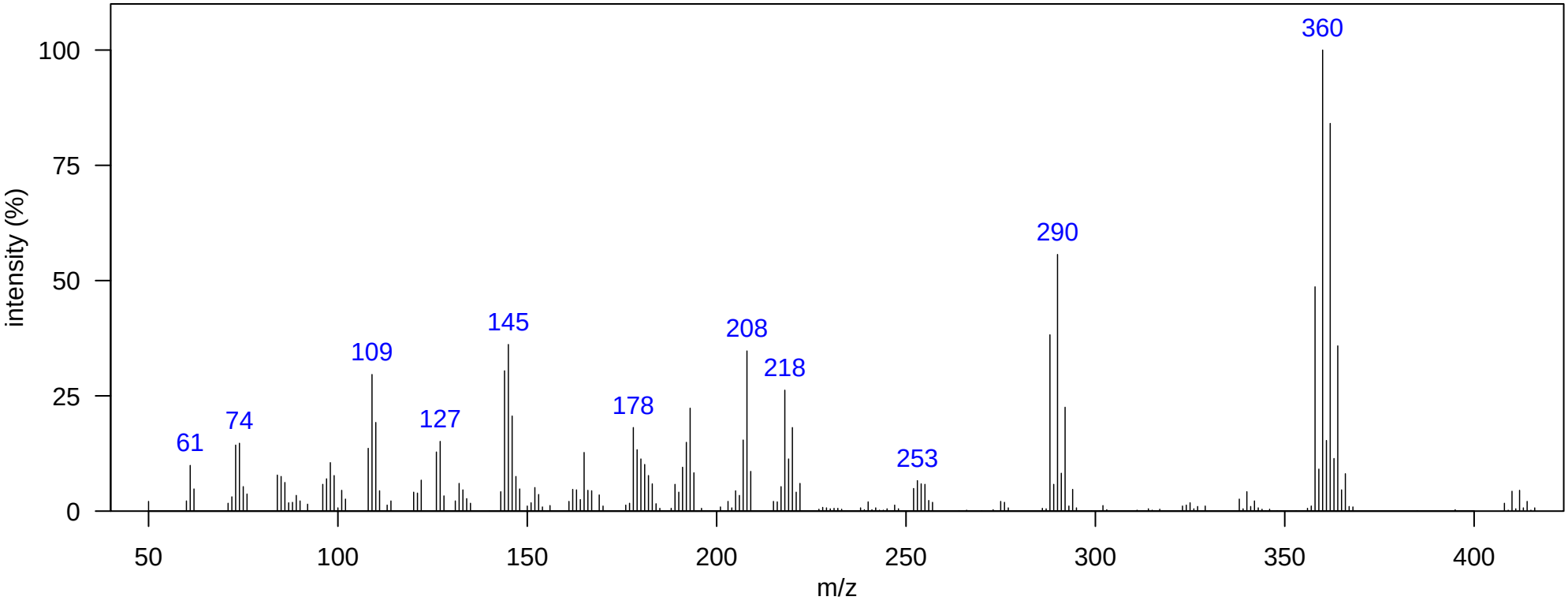
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1509.48, 1.049
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA

Comment: unknown−4−10 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
290 PCB Interference
360 PCB Interference
338 [M−Cl2]+
408 M+

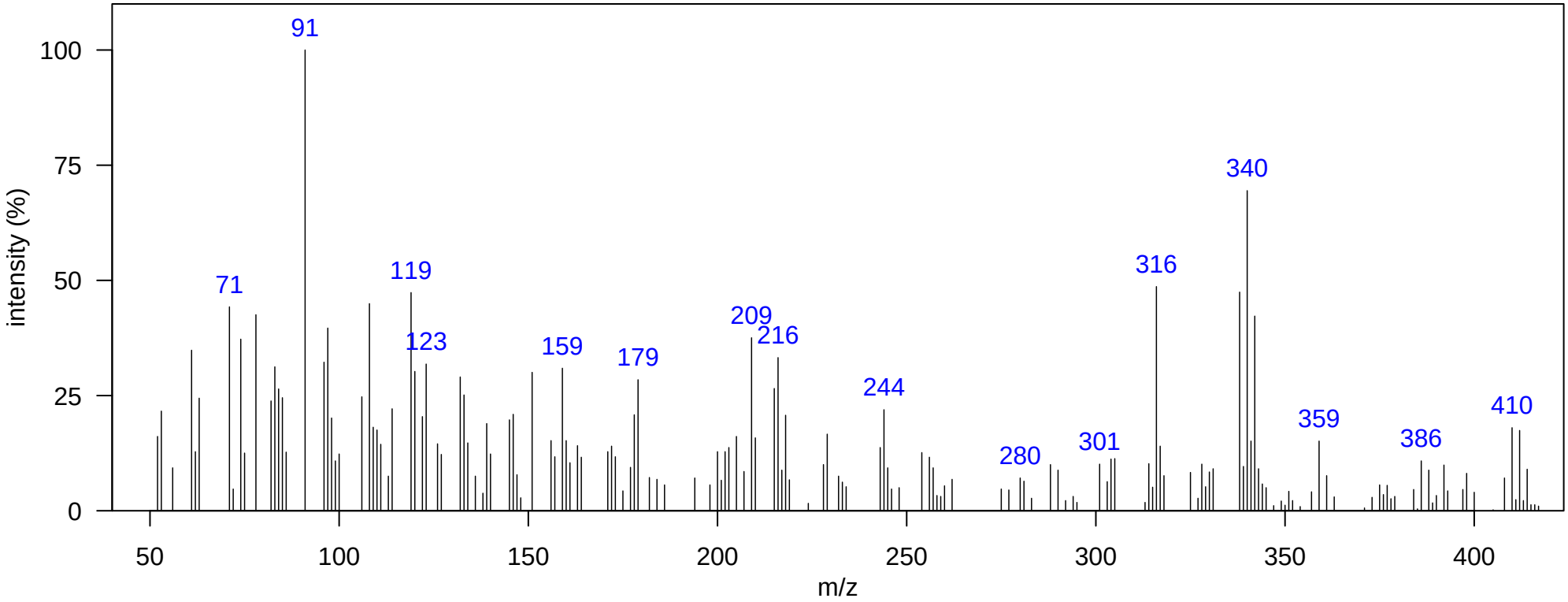
Name: unknown−2−4

Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1519.97, 1.036
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA



m/z [Fragment]
338 [M−Cl2]+
408 M+

Name: unknown−2−5

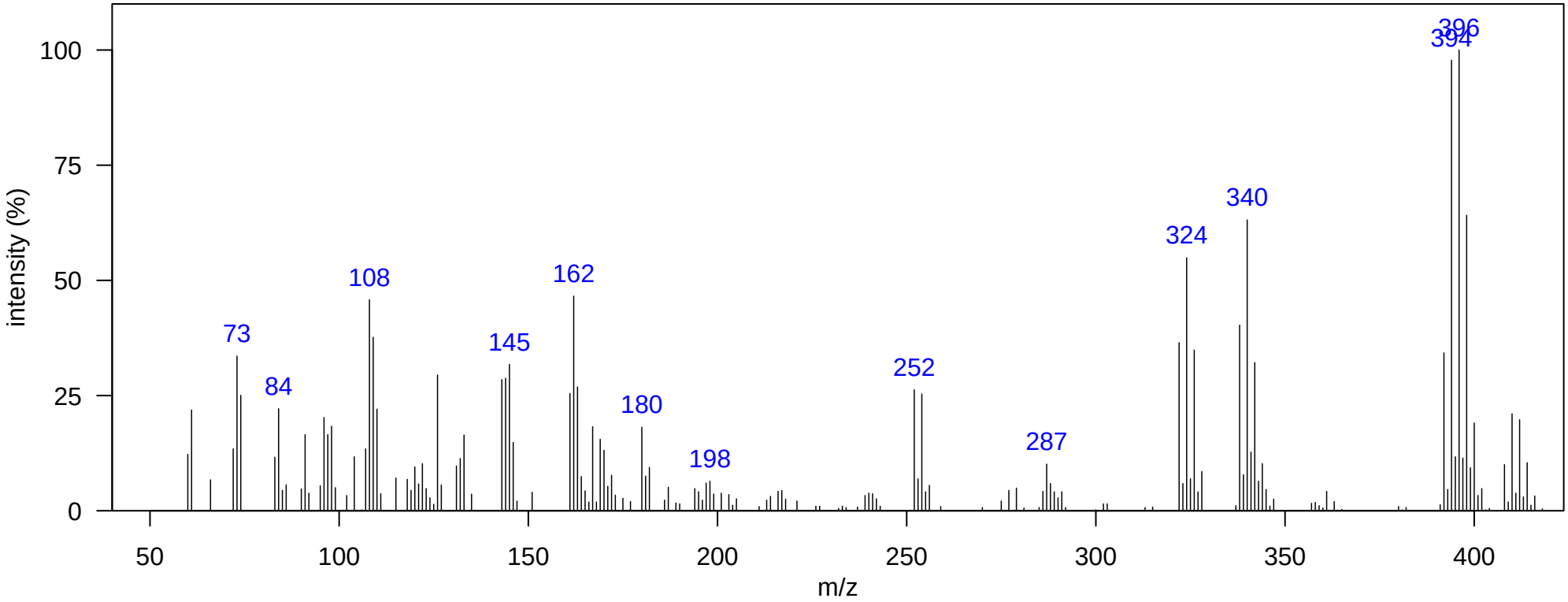
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1530.47, 1.076
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA

Comment: unknown−4−11 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
324 PCB Interference
396 PCB Interference
338 [M−Cl2]+
408 M+

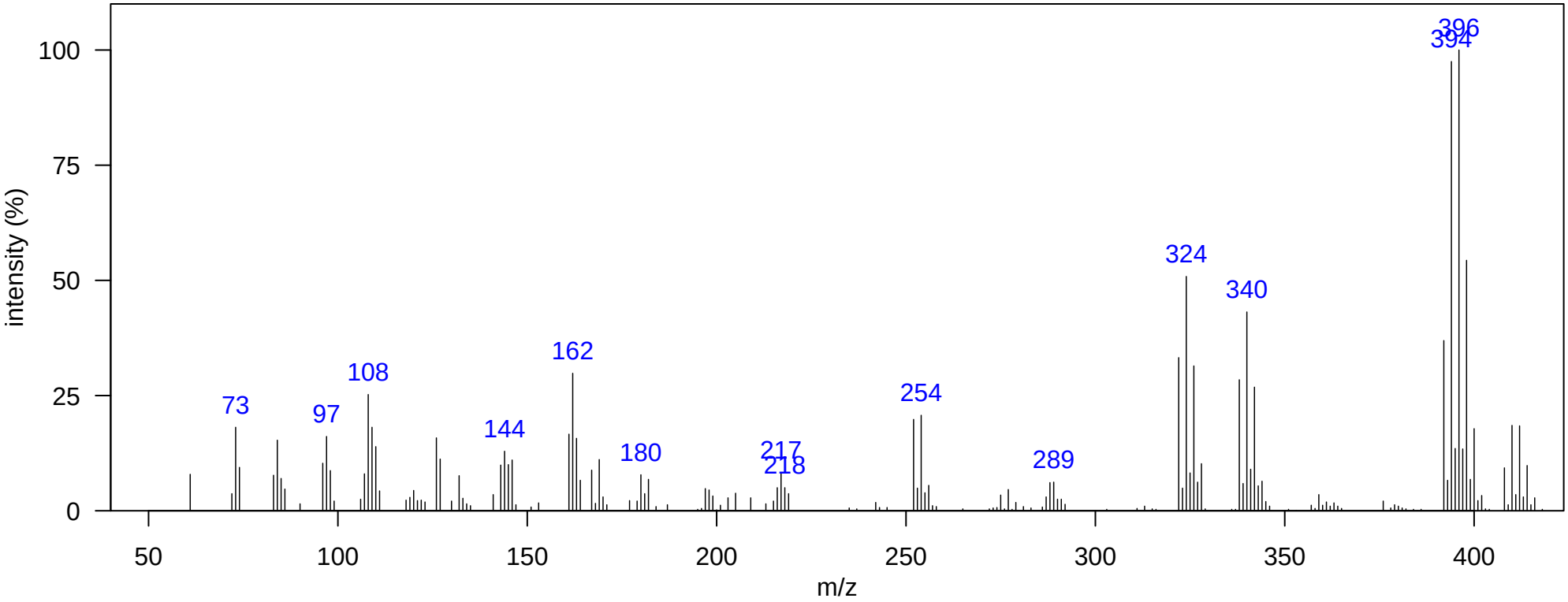
Name: unknown−2−6

Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1533.97, 1.089
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA



m/z [Fragment]
324 PCB Interference
396 PCB Interference
338 [M−Cl2]+
408 M+

Name: unknown−2−7

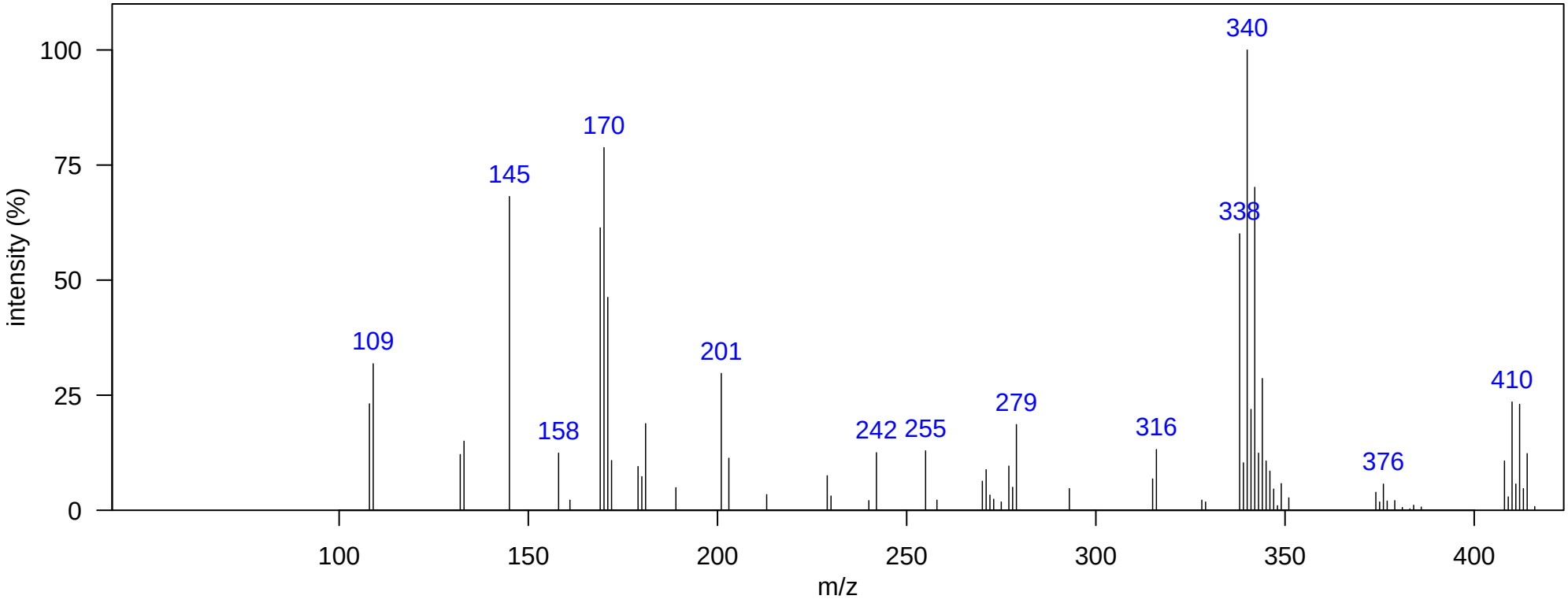
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1586.44, 1.254
Quantitative Ion m/z: 410

Elemental Formula: C12H3Cl7O
Source: unknown
Identification: NA

Comment: unknown−4−13 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
338 [M−Cl2]+
408 M+

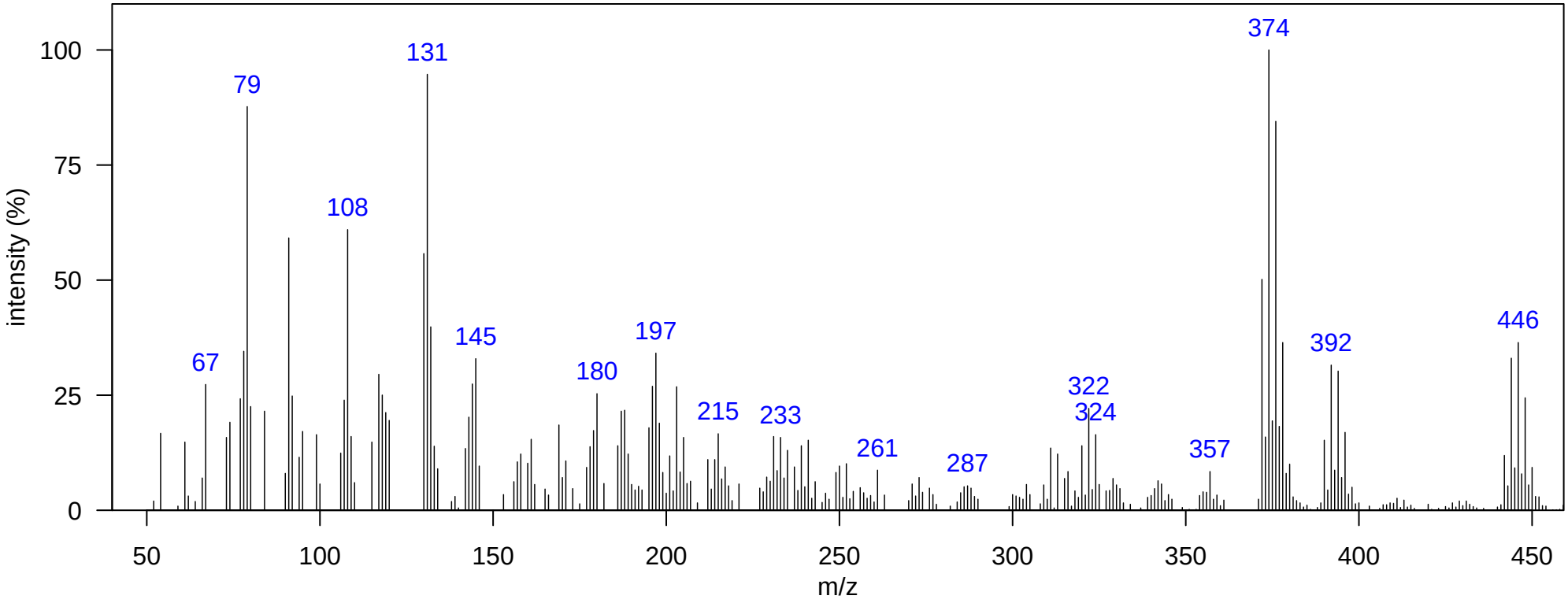
Name: unknown−2−8

Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1607.42, 1.267
Quantitative Ion m/z: 446

Elemental Formula: C12H2Cl8O
Source: unknown
Identification: NA



m/z [Fragment]
392 PCB Interference
372 [M−Cl2]+
442 M+

Name: unknown−2−9

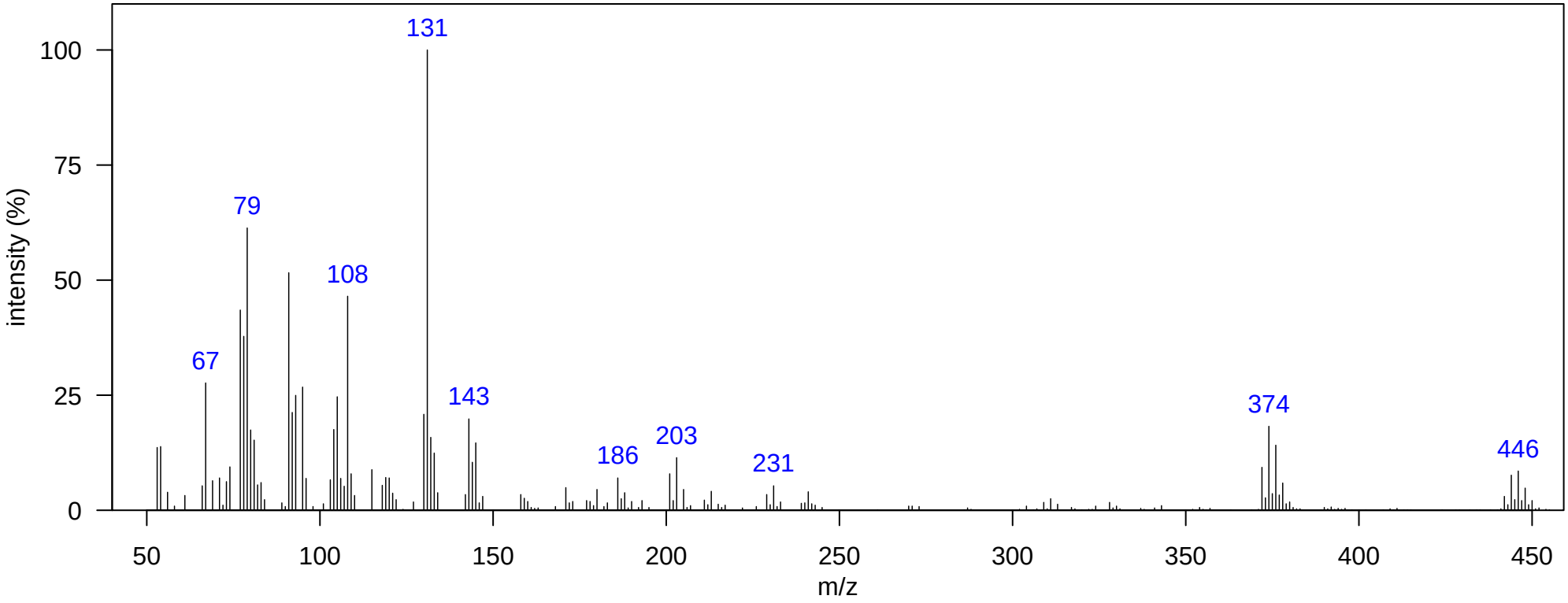
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1614.42, 1.287
Quantitative Ion m/z: 446

Elemental Formula: C12H2Cl8O
Source: unknown
Identification: NA

Comment: unknown−4−14 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
372 [M−Cl2]+
442 M+

Name: unknown−2−10

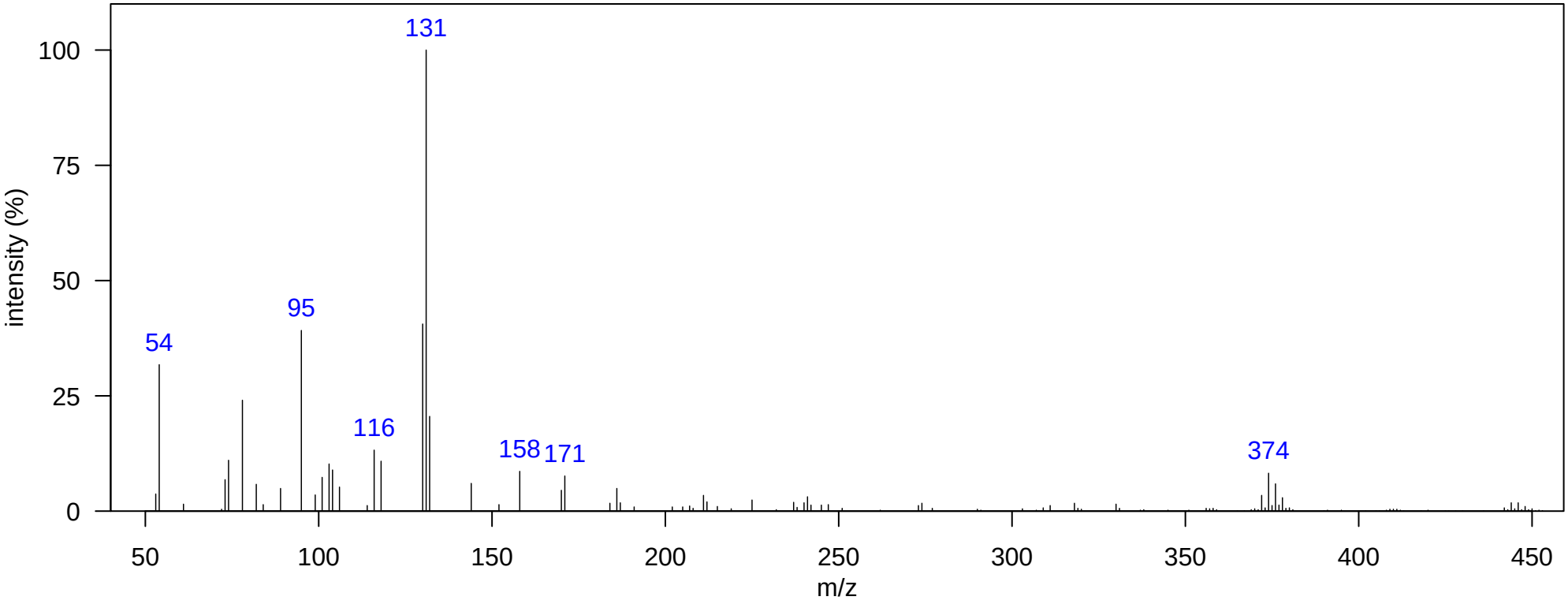
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1621.42, 1.28
Quantitative Ion m/z: 446

Elemental Formula: C12H2Cl8O
Source: unknown
Identification: NA

Comment: unknown−4−15 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
372 [M−Cl2]+
442 M+

Name: unknown−2−11

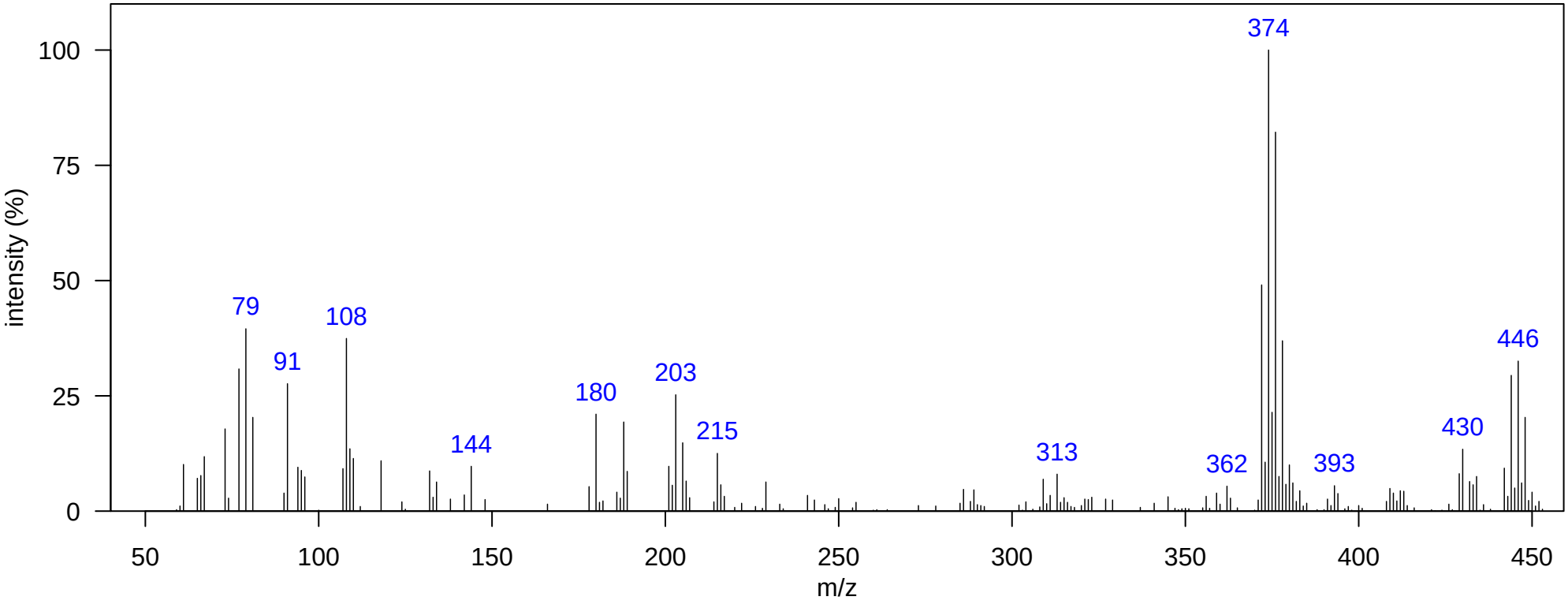
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1638.91, 1.366
Quantitative Ion m/z: 446

Elemental Formula: C12H2Cl8O
Source: unknown
Identification: NA

Comment: unknown−4−16 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
372 [M−Cl2]+
442 M+

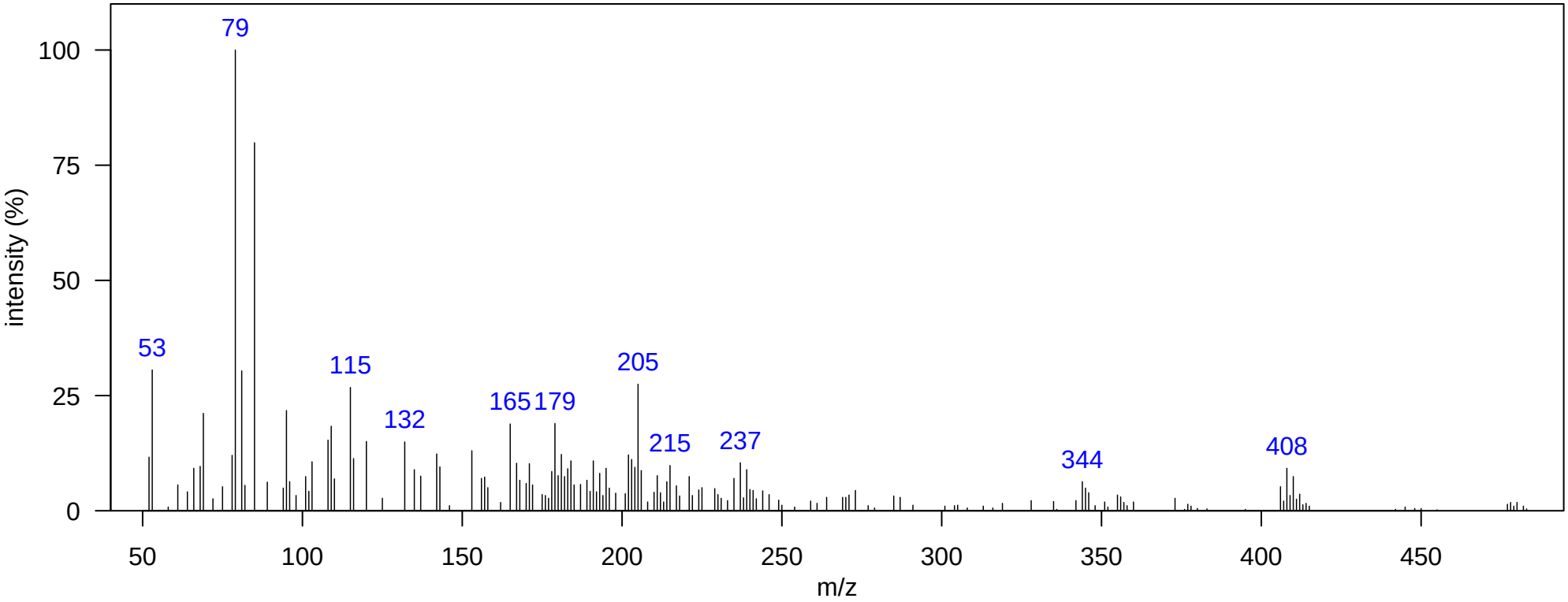
Name: unknown−2−12

Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1715.86, 1.36
Quantitative Ion m/z: 480

Elemental Formula: C12HCl9O
Source: unknown
Identification: NA



m/z [Fragment]
406 [M−Cl2]+
476 M+

Name: unknown−2−13

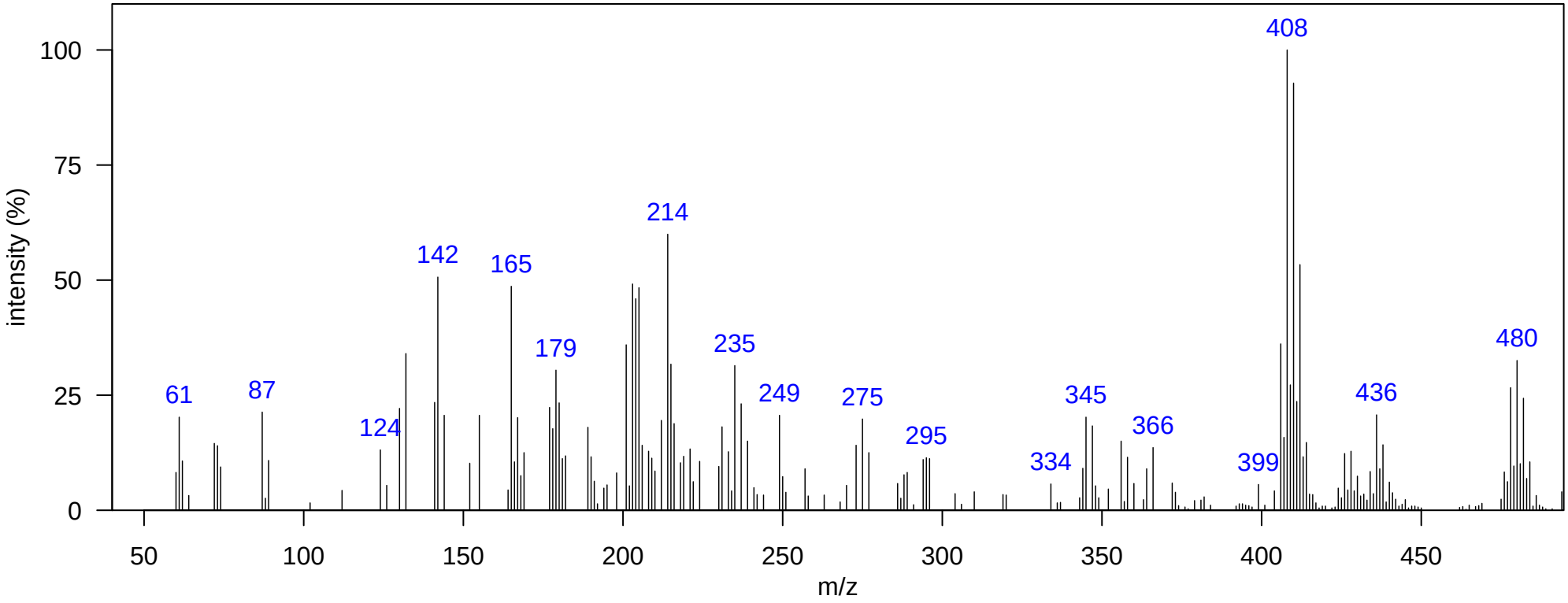
Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1729.85, 1.393
Quantitative Ion m/z: 480

Elemental Formula: C12HCl9O
Source: unknown
Identification: NA

Comment: unknown−4−17 (Pacific Library). Hypothesized PCDE or OH−PCB



m/z [Fragment]
428 PCB Interference
406 [M−Cl2]+
476 M+

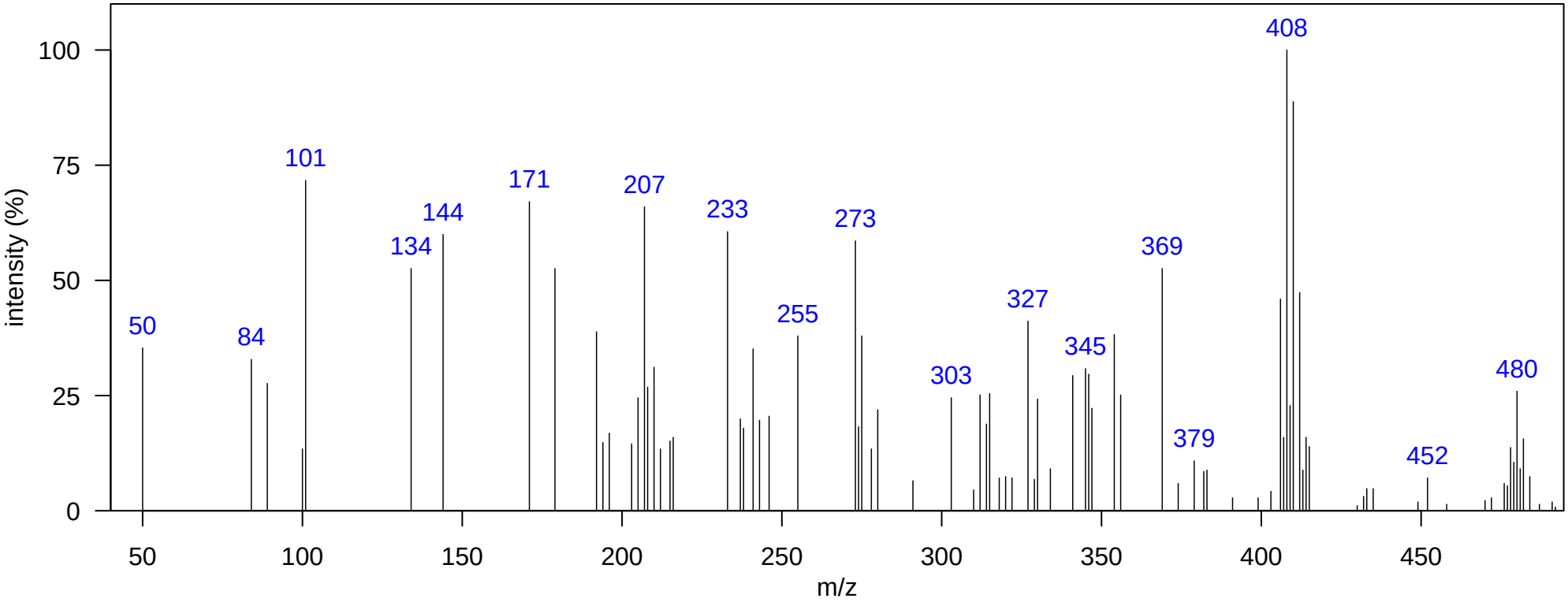
Name: unknown−2−14

Class: Unknown−2

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1750.84, 1.333
Quantitative Ion m/z: 480

Elemental Formula: C12HCl9O
Source: unknown
Identification: NA



m/z [Fragment]
406 [M−Cl2]+
476 M+

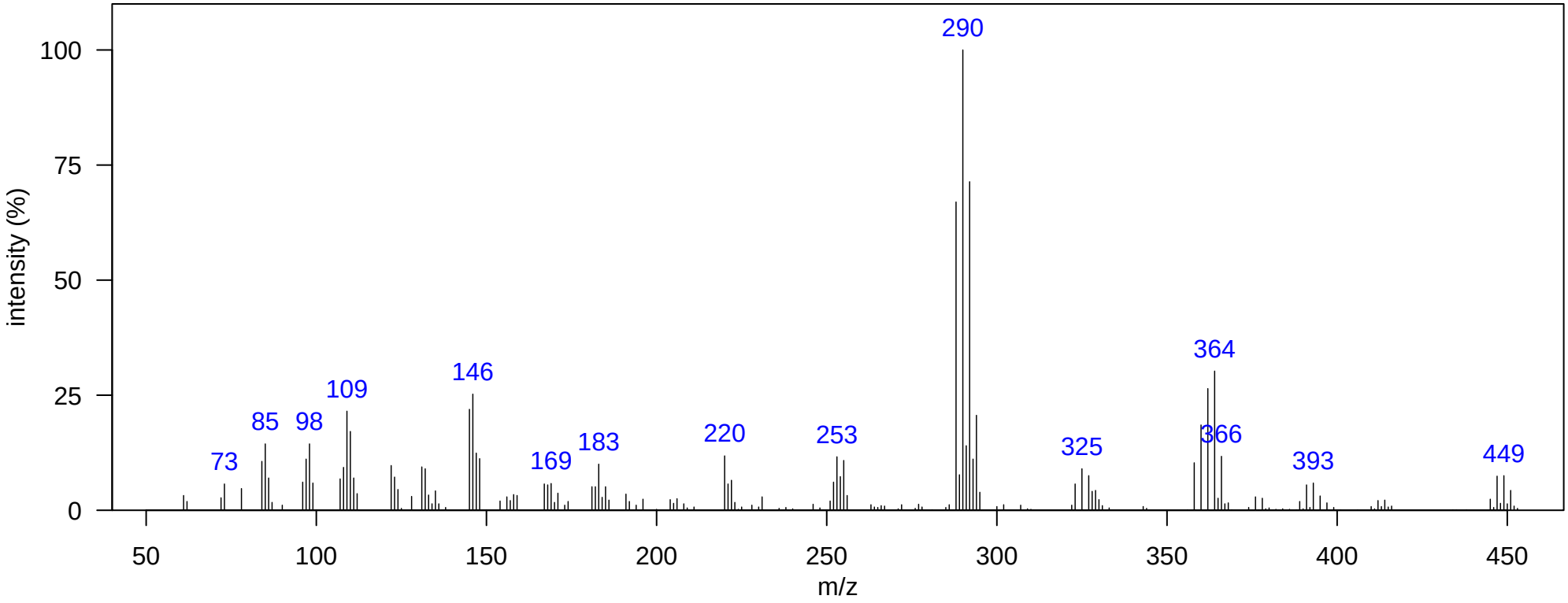
Name: unknown−3−1

Class: Unknown−3

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−5−2 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1484.99, 1.069
Quantitative Ion m/z: 449

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

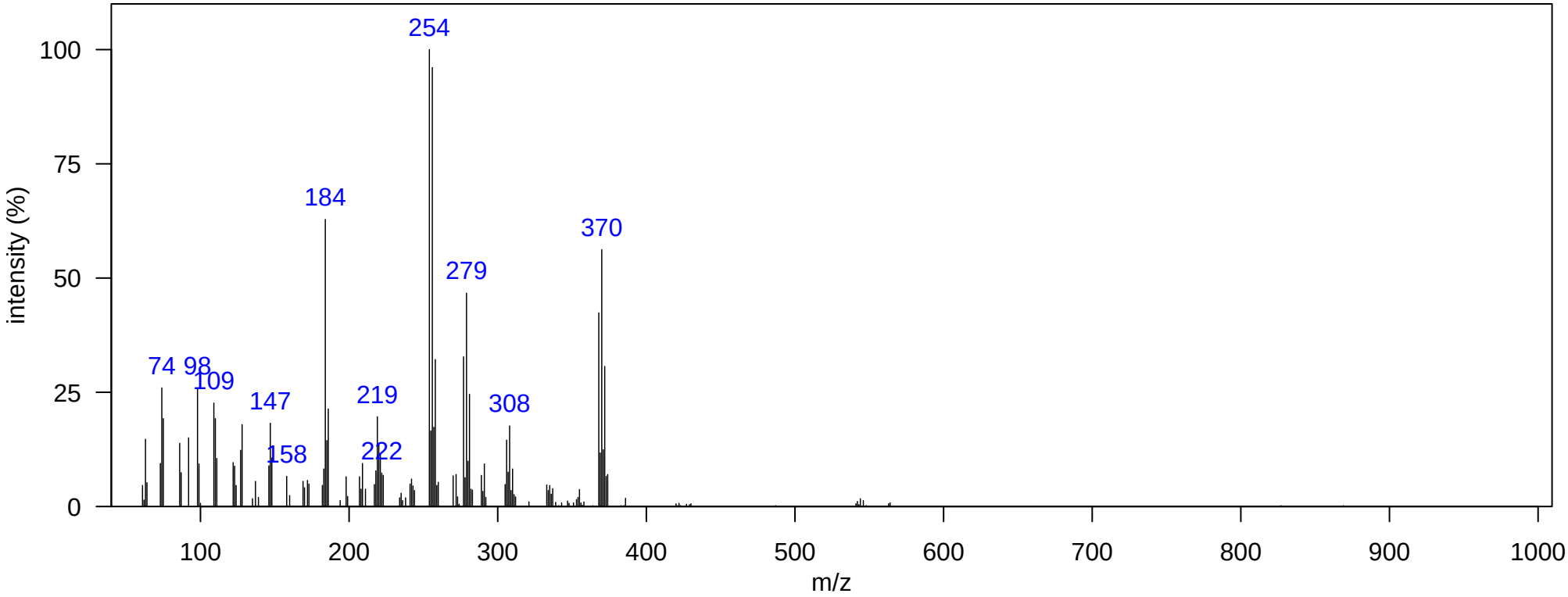
Name: unknown−4−1

Class: Unknown−4

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1593.43, 1.399
Quantitative Ion m/z: 370

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

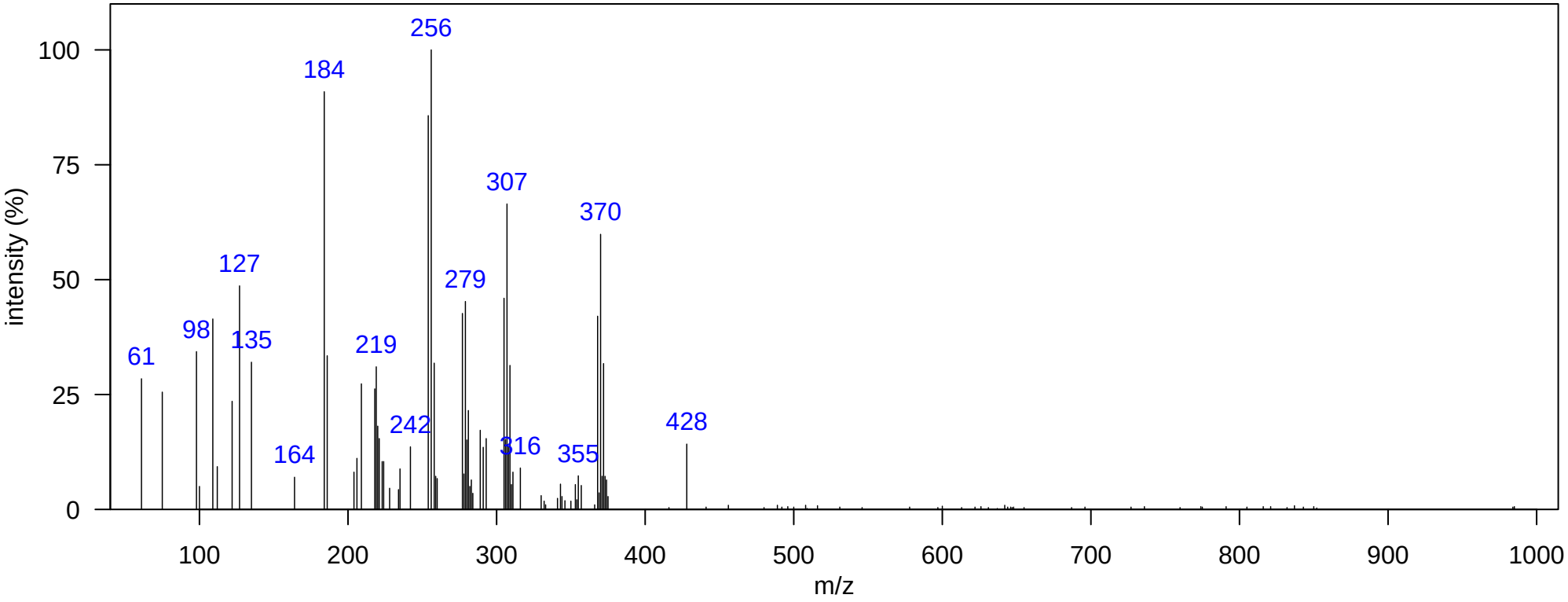
Name: unknown−4−2

Class: Unknown−4

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−6−1 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1610.92, 1.492
Quantitative Ion m/z: 370

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

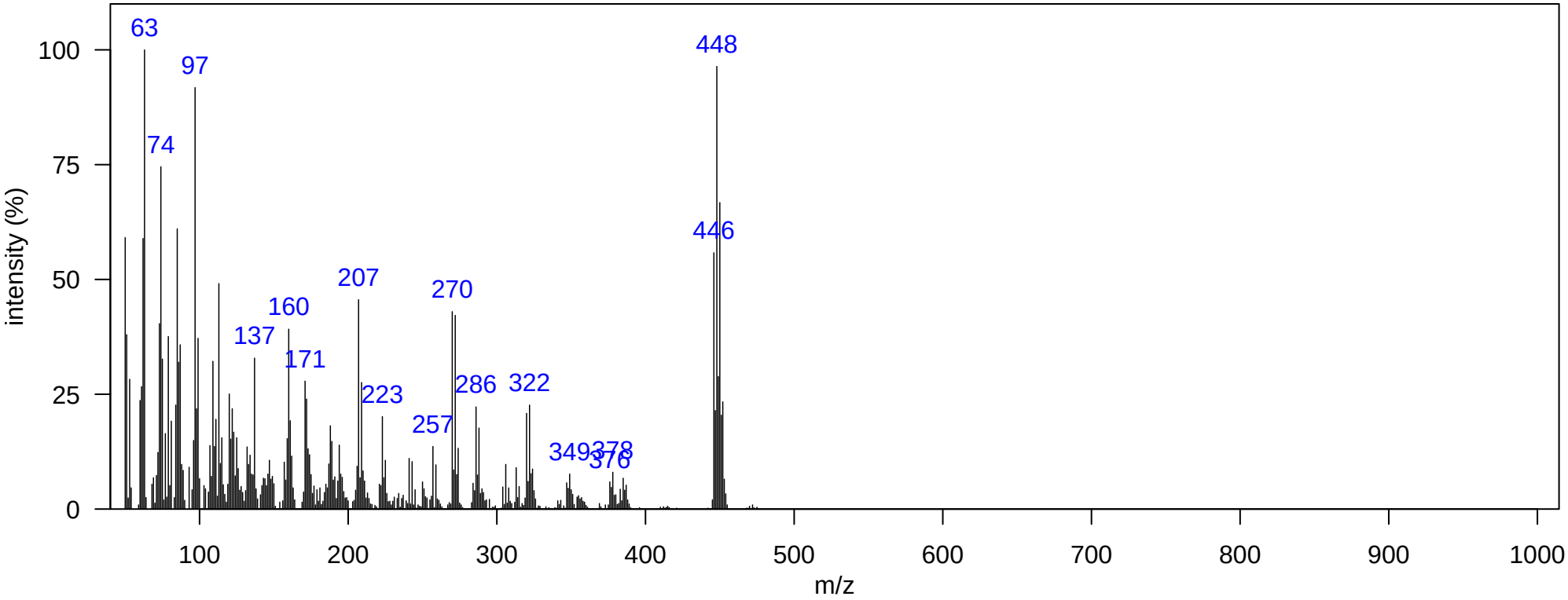
Name: unknown−5−1

Class: Unknown−5

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1799.81, 1.531
Quantitative Ion m/z: 448

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

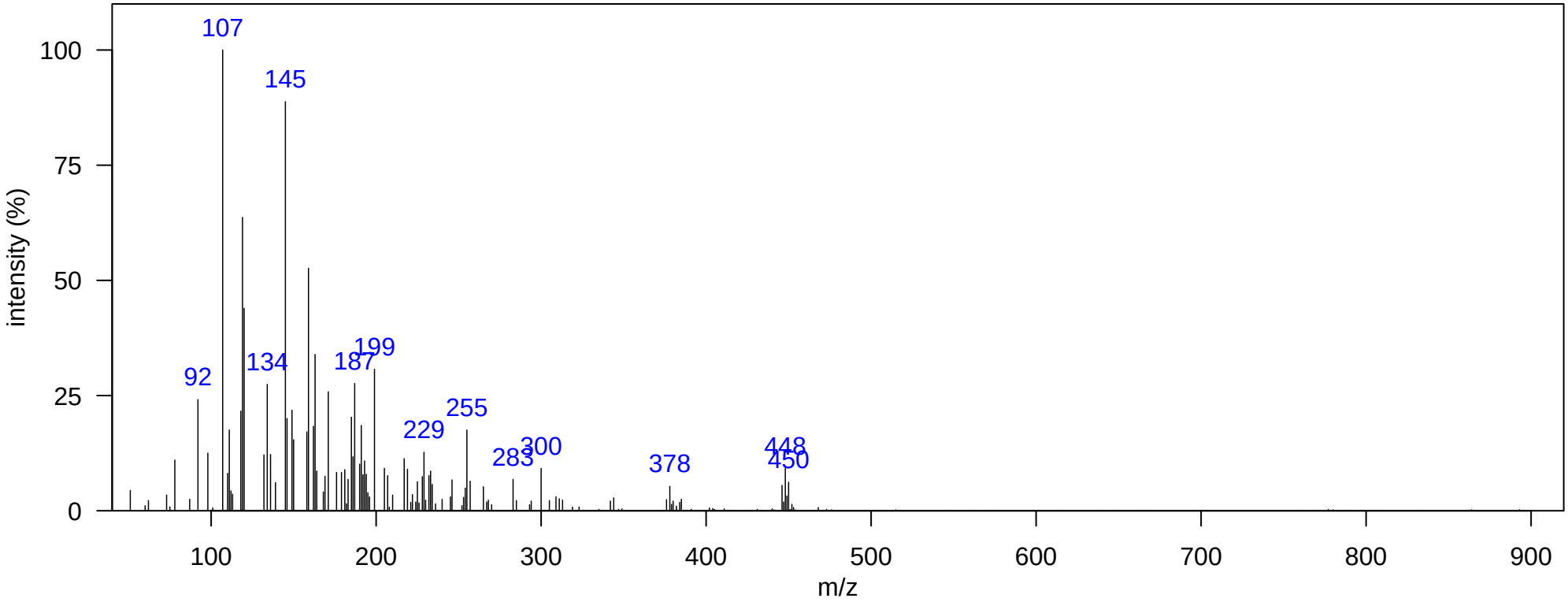
Name: unknown−5−2

Class: Unknown−5

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1862.78, 1.828
Quantitative Ion m/z: 448

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

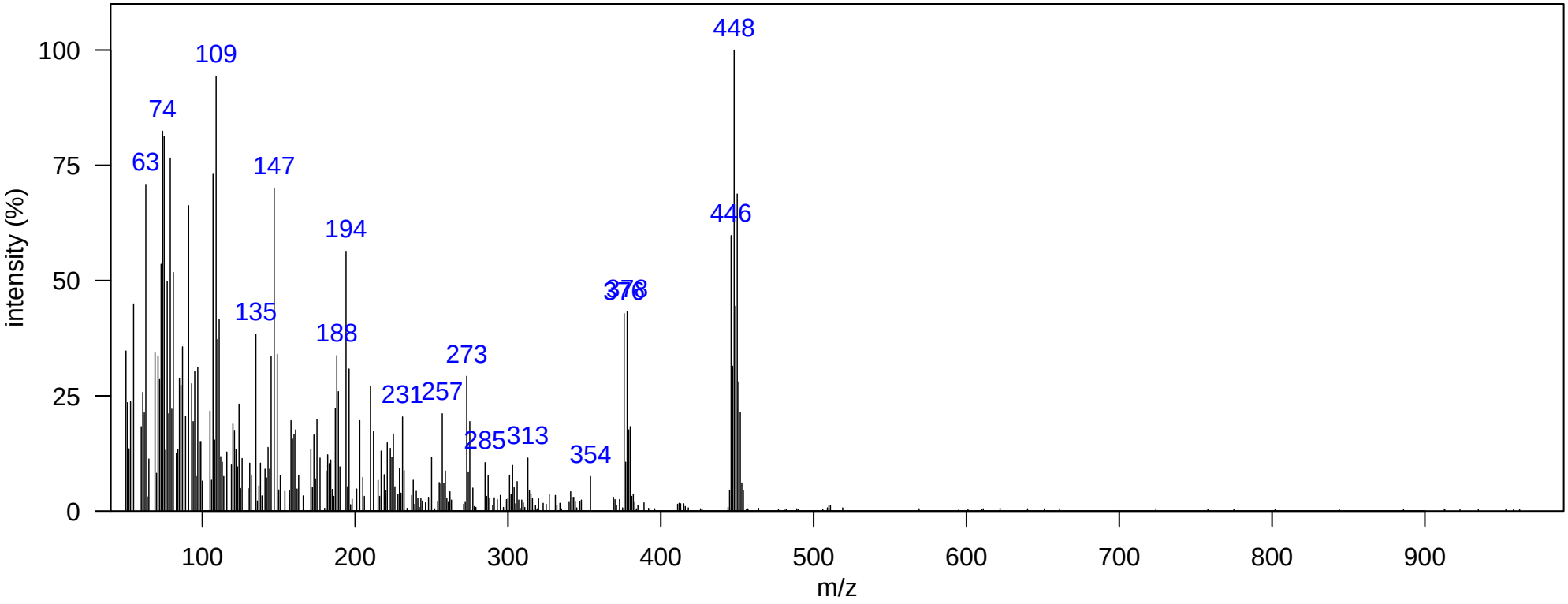
Name: unknown−5−3

Class: Unknown−5

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1869.77, 1.703
Quantitative Ion m/z: 448

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

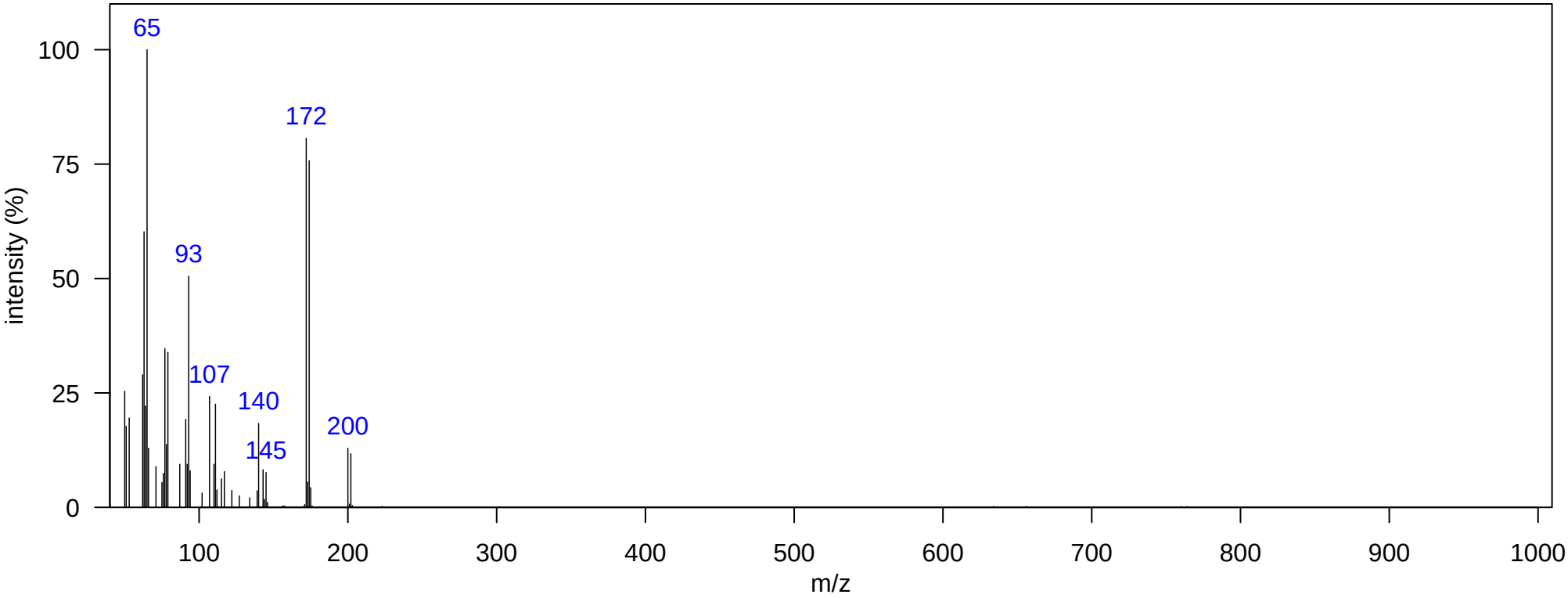
Name: unknown−6

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 725.928, 0.825
Quantitative Ion m/z: 172

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

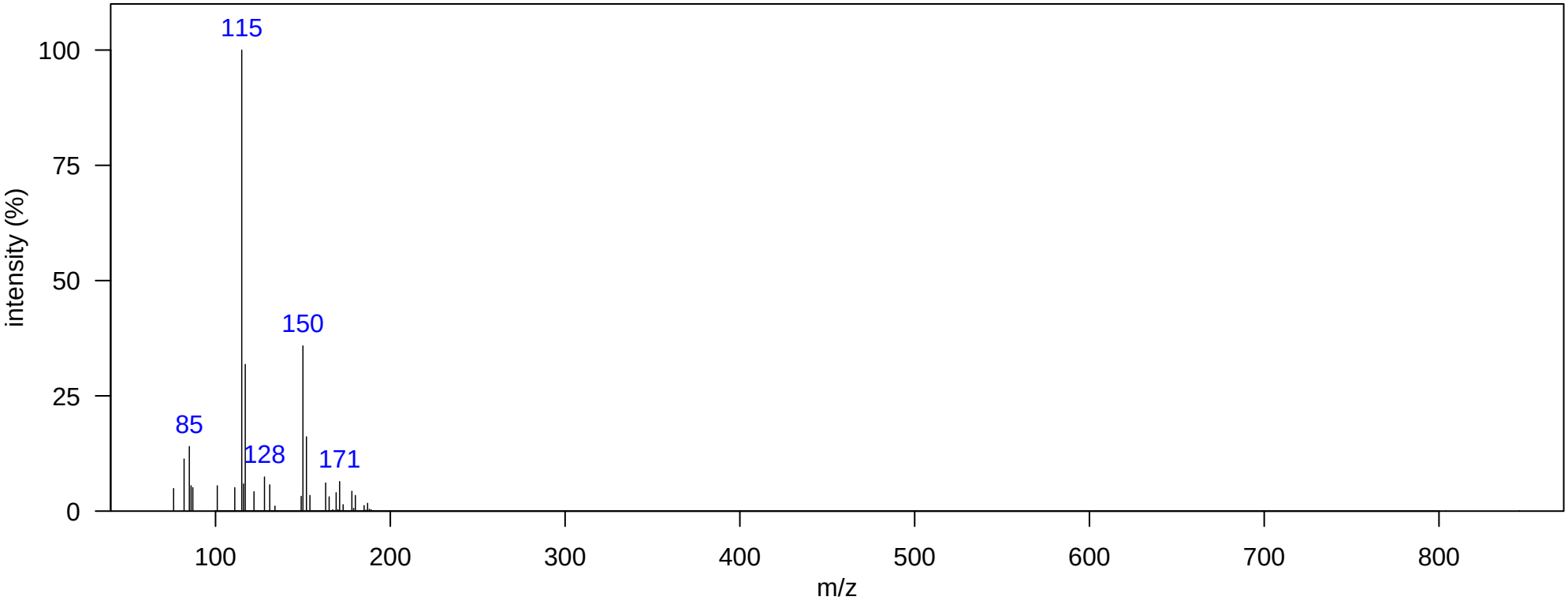
Name: unknown−7

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 876.342, 0.832
Quantitative Ion m/z: 150

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

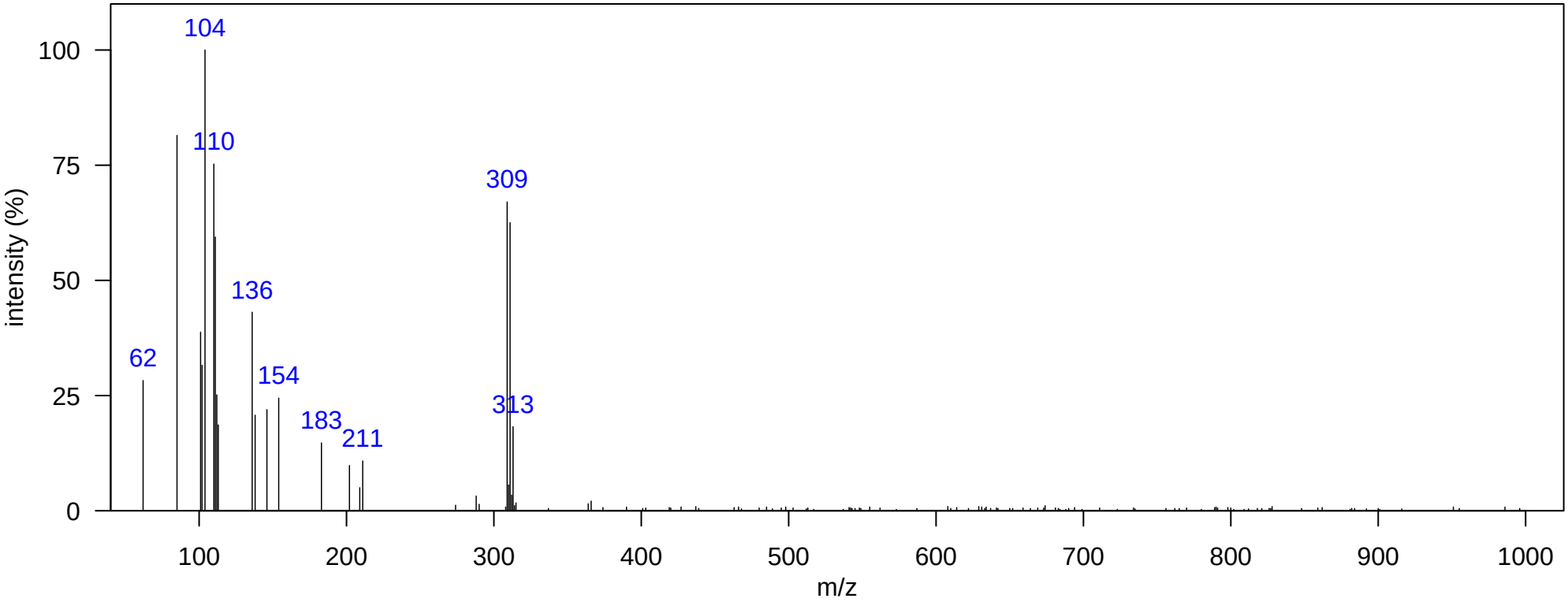
Name: unknown−8

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: unknown−6 (N Atlantic Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1145.69, 0.924
Quantitative Ion m/z: 309

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

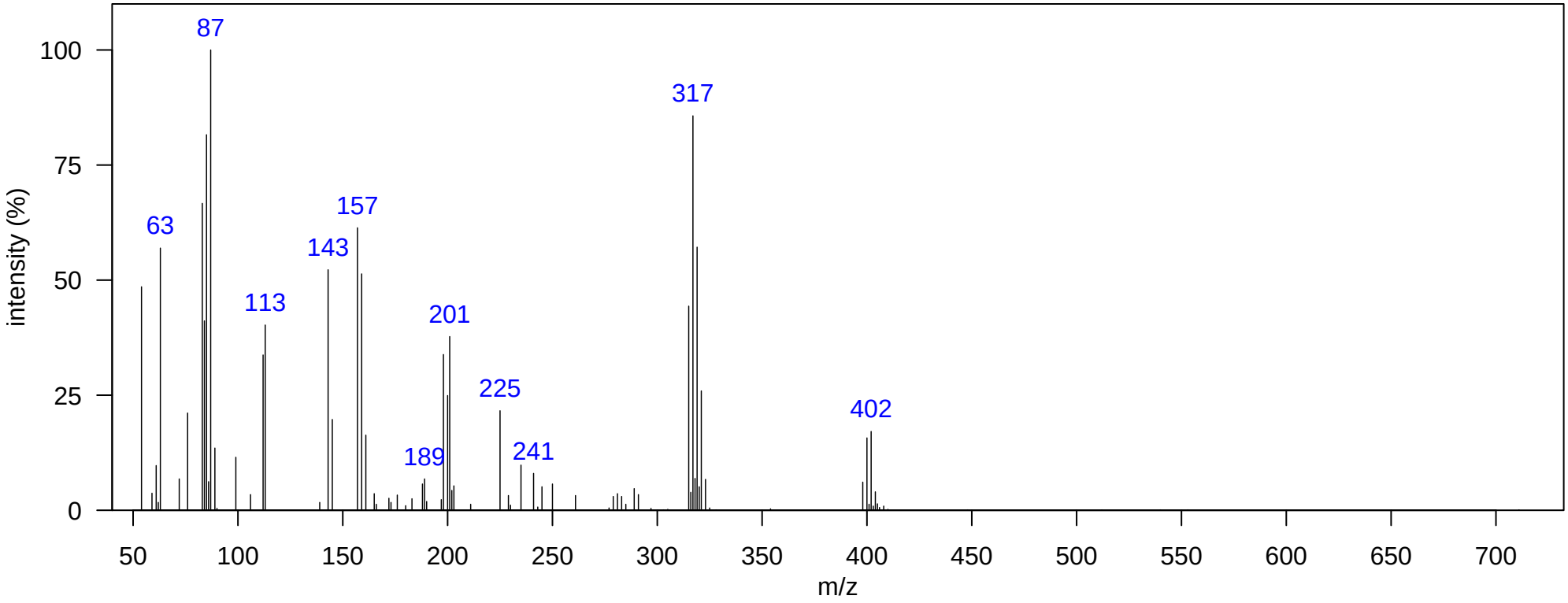
Name: unknown−9

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: unknown−8 (N Atlantic Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1212.15, 0.904
Quantitative Ion m/z: 317

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
315 [M−CHCl2]+
398 [M−Cl8]+

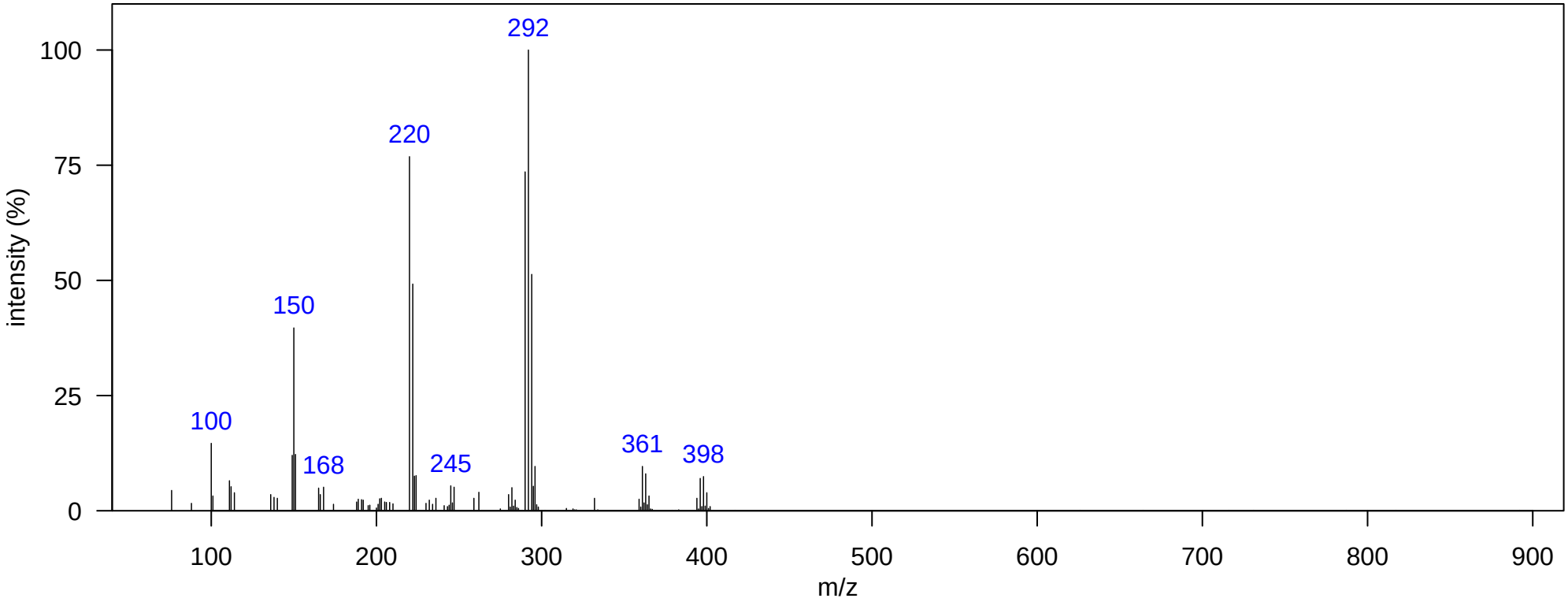
Name: unknown−10

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1306.6, 0.957
Quantitative Ion m/z: 396

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
100 PCB interference
150 PCB interference
220 PCB interference
292 PCB interference
359 [M−Cl]+
394 [M]+;

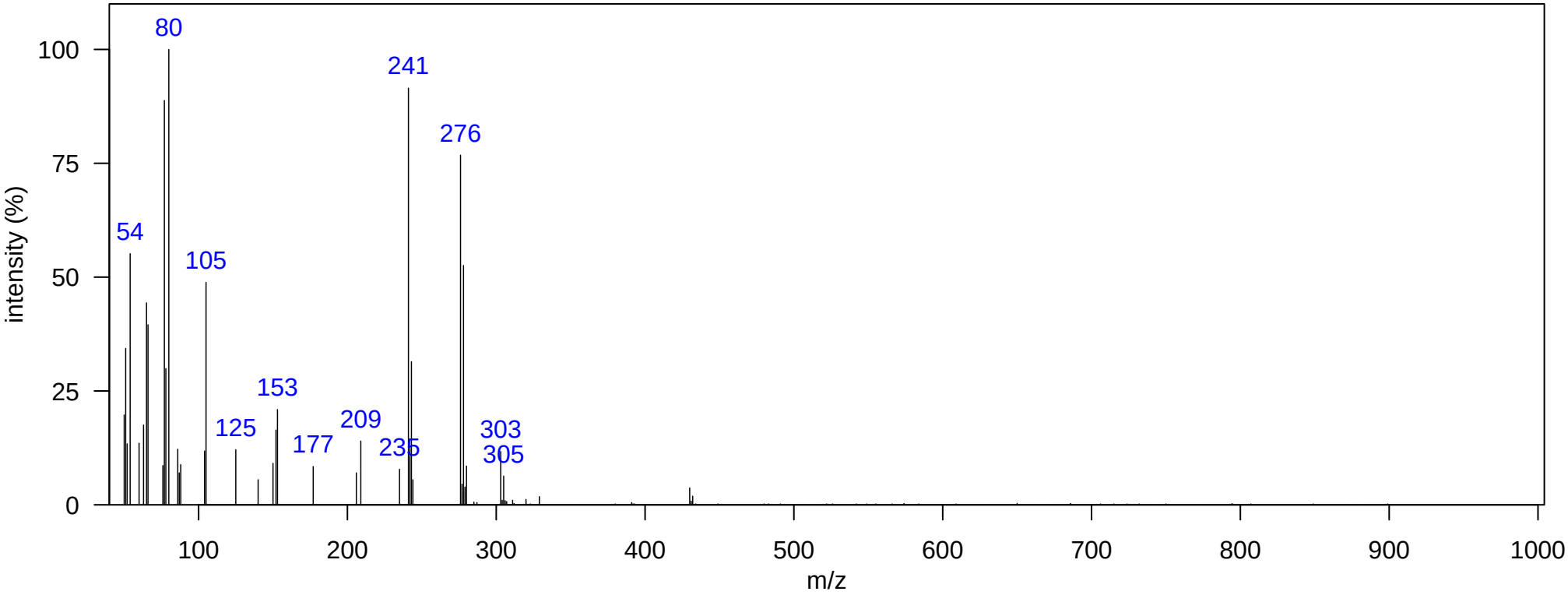
Name: unknown−11

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1310.09, 1.01
Quantitative Ion m/z: 276

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

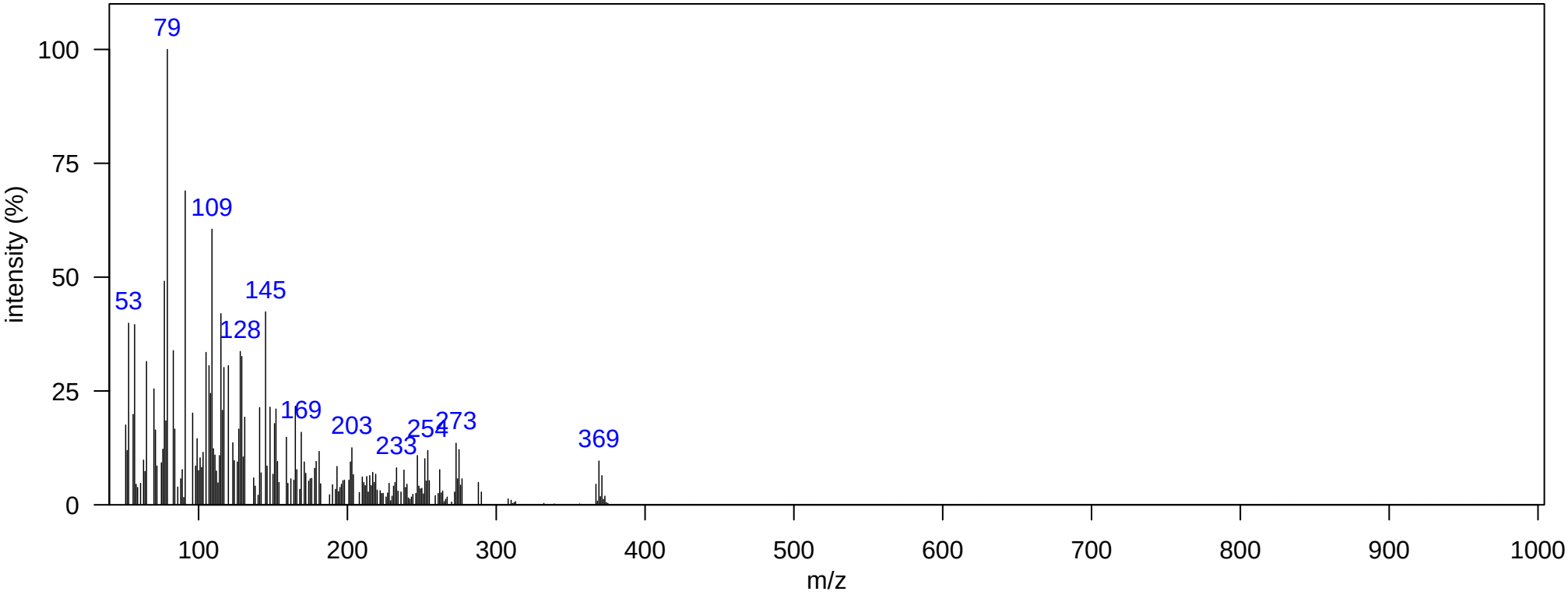
Name: unknown−12

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−17 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1317.09, 0.95
Quantitative Ion m/z: 369

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

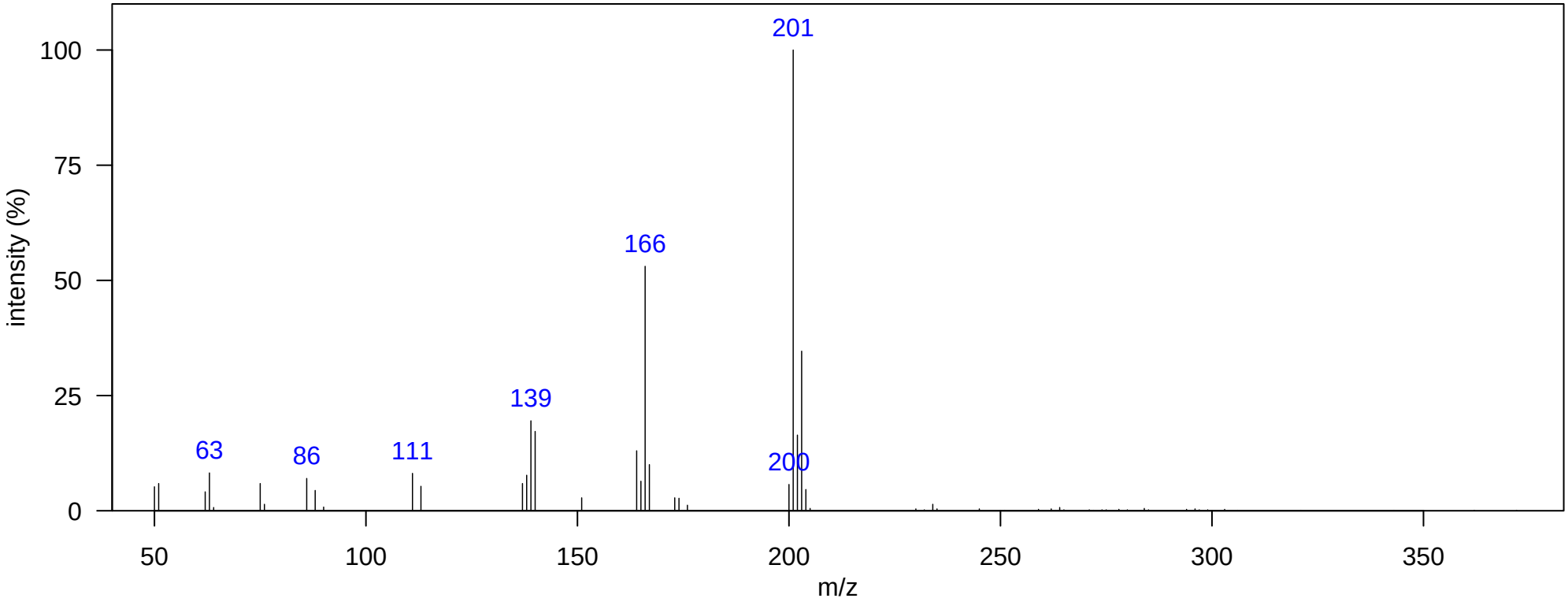
Name: unknown−13

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1324.09, 1.142
Quantitative Ion m/z: 201

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

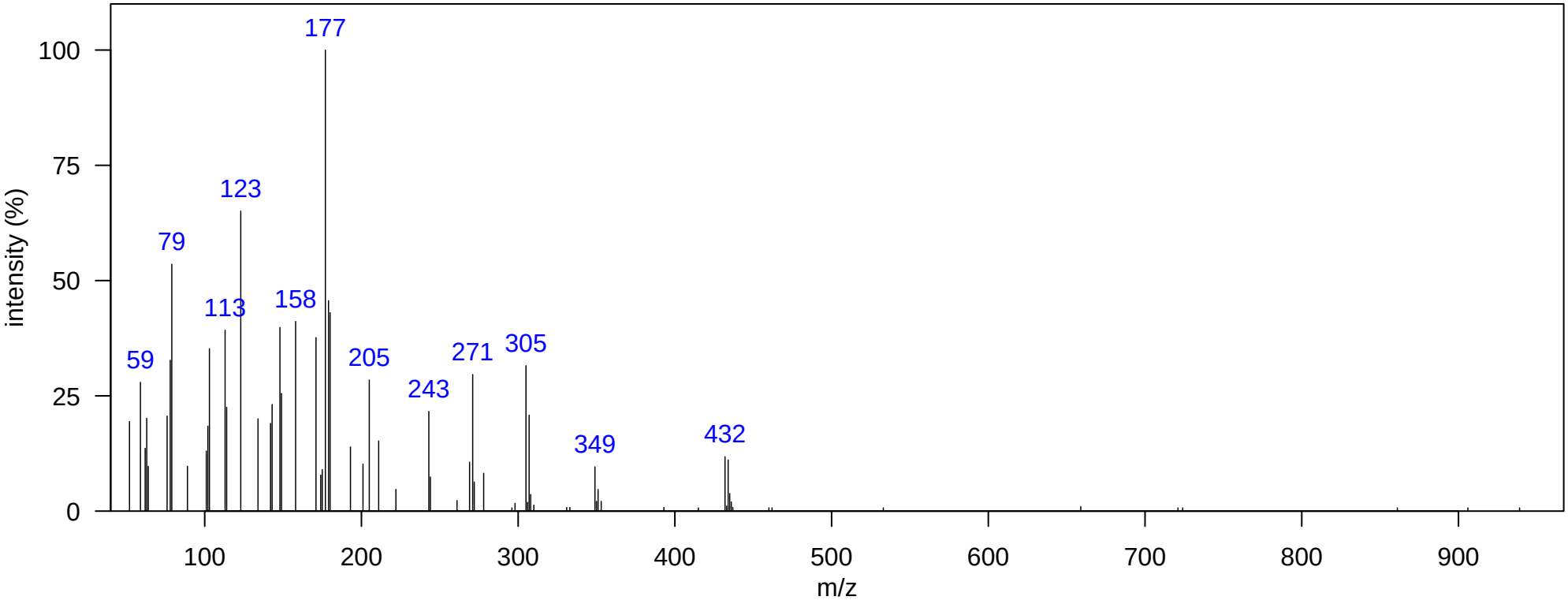
Name: unknown−14

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: unknown−12 (N Atlantic Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1348.57, 1.043
Quantitative Ion m/z: 432

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
177 [M−Cl2]+
305 [M−Cl2]+
349 [M−Cl2]+
432 [M−Cl2]+

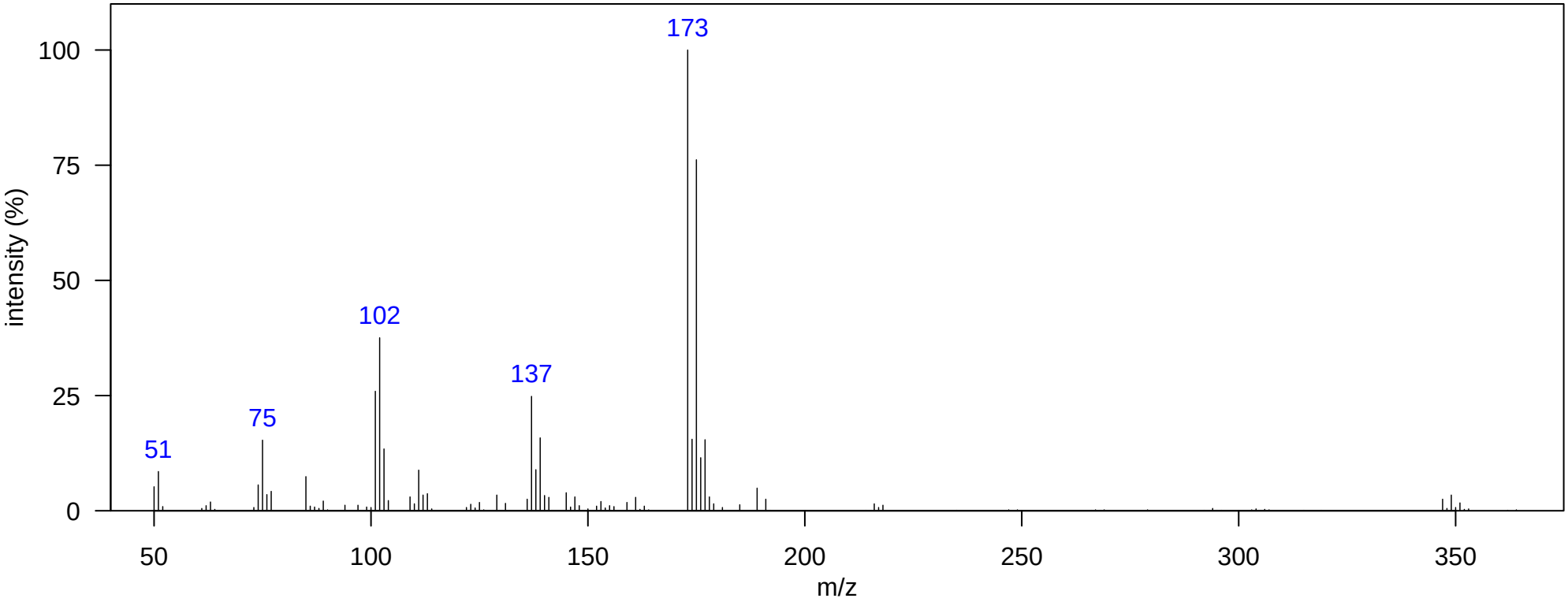
Name: unknown−15

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: unknown−3−2 (N Atlantic Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1376.56, 0.931
Quantitative Ion m/z: 173

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
137 [M−Cl]+
173 [M−Cl2]+
347 [M−Cl4]+

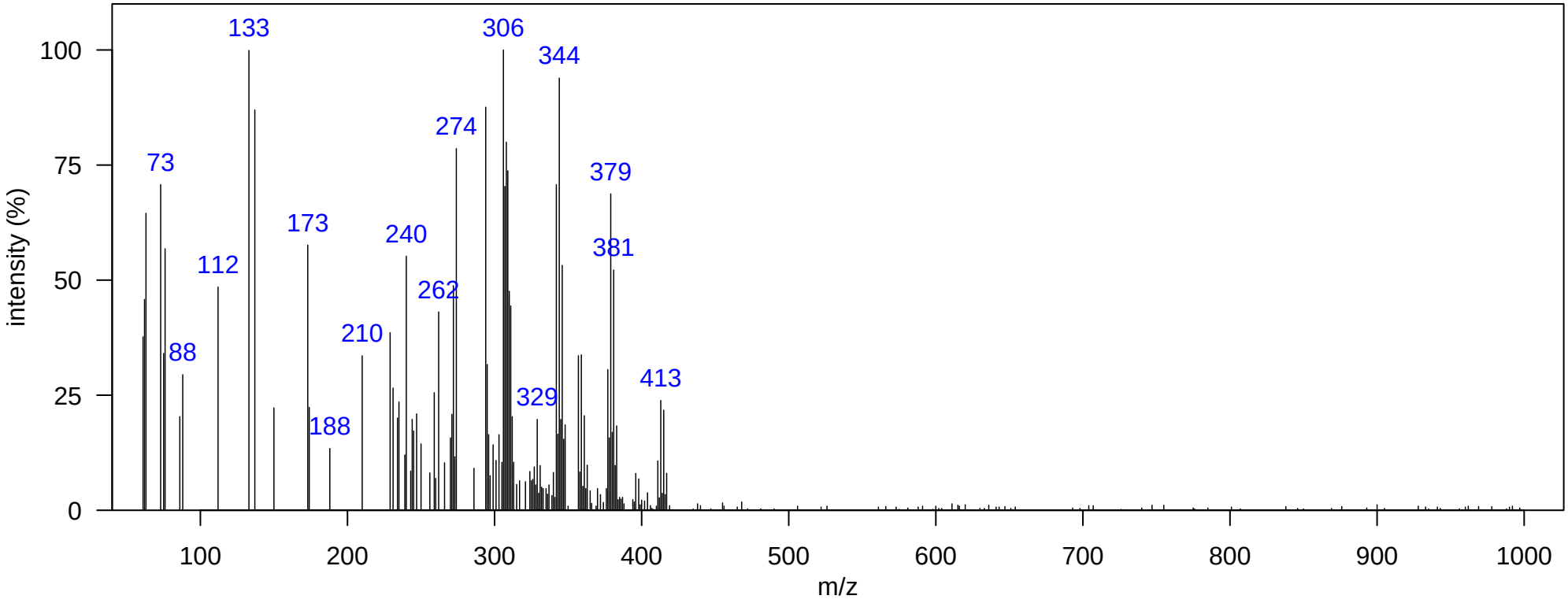
Name: unknown−16

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1380.05, 0.997
Quantitative Ion m/z: 413

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

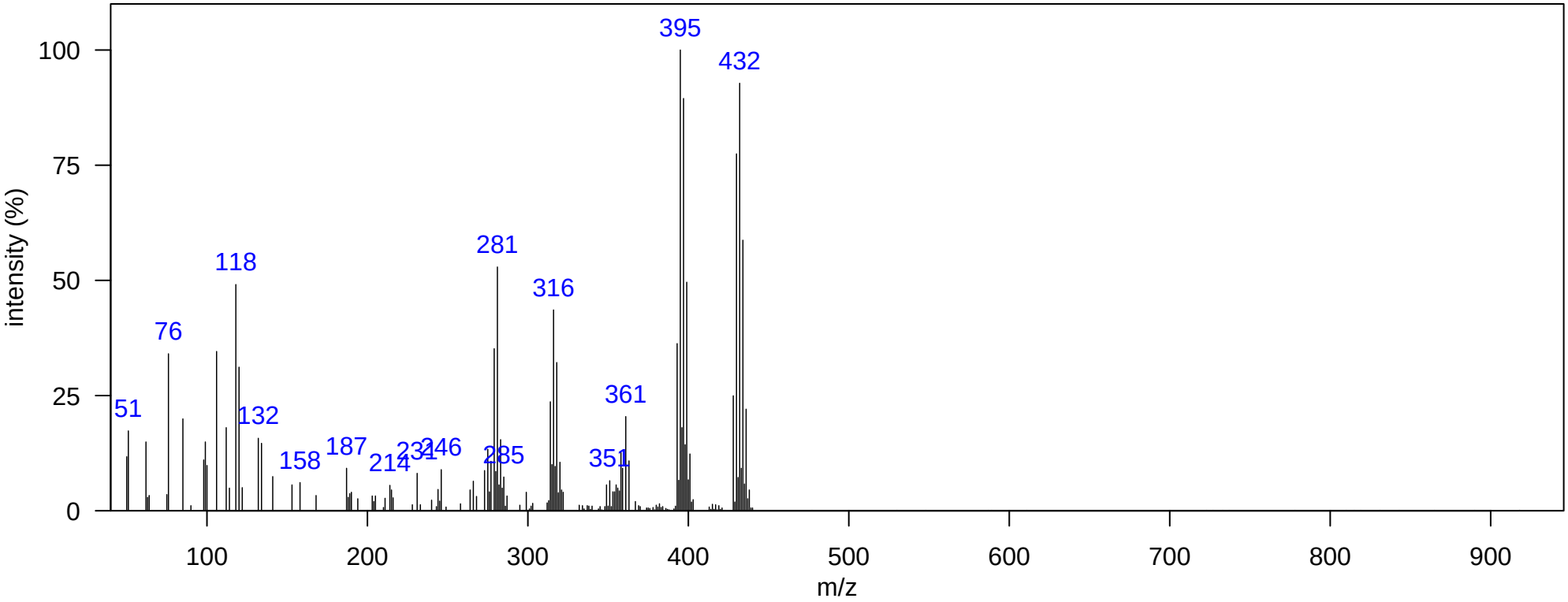
Name: unknown−17

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1390.55, 0.99
Quantitative Ion m/z: 316

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
395 PCB interference
432 PCB interference

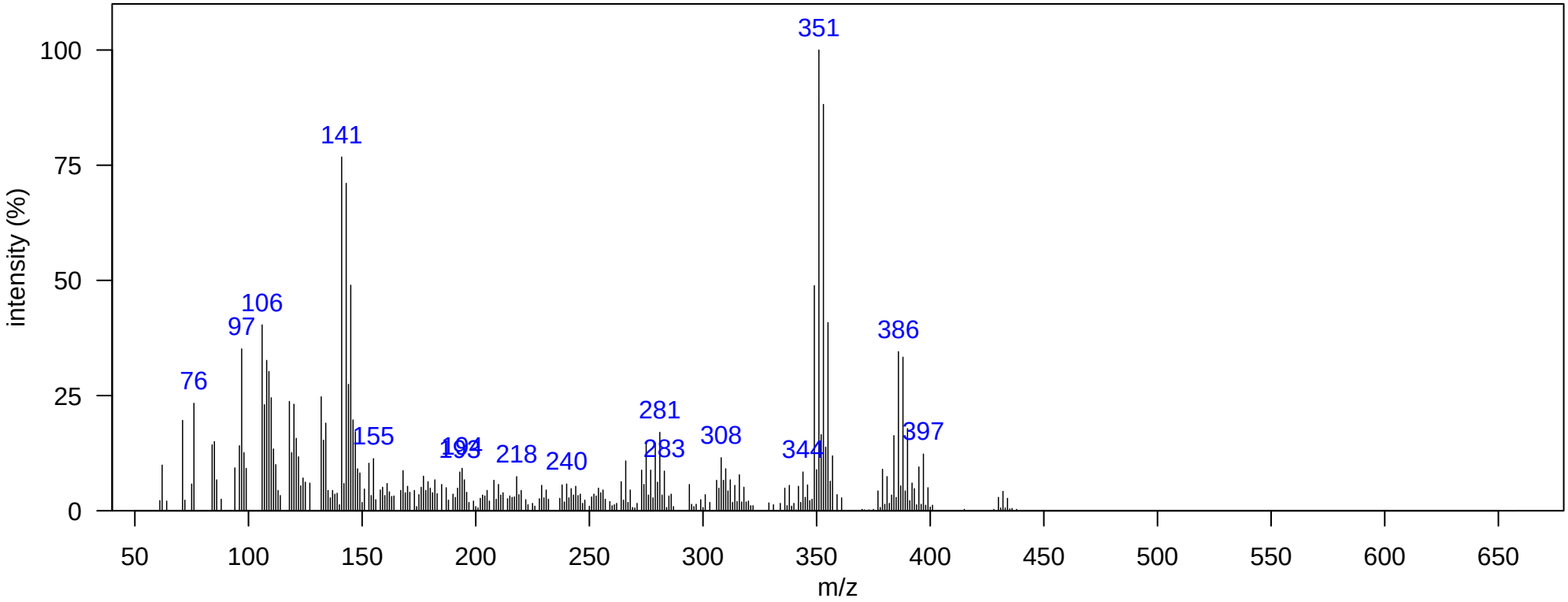
Name: unknown−18

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1394.05, 1.023
Quantitative Ion m/z: 388

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
349 [M−Cl]+
384 [M]+;

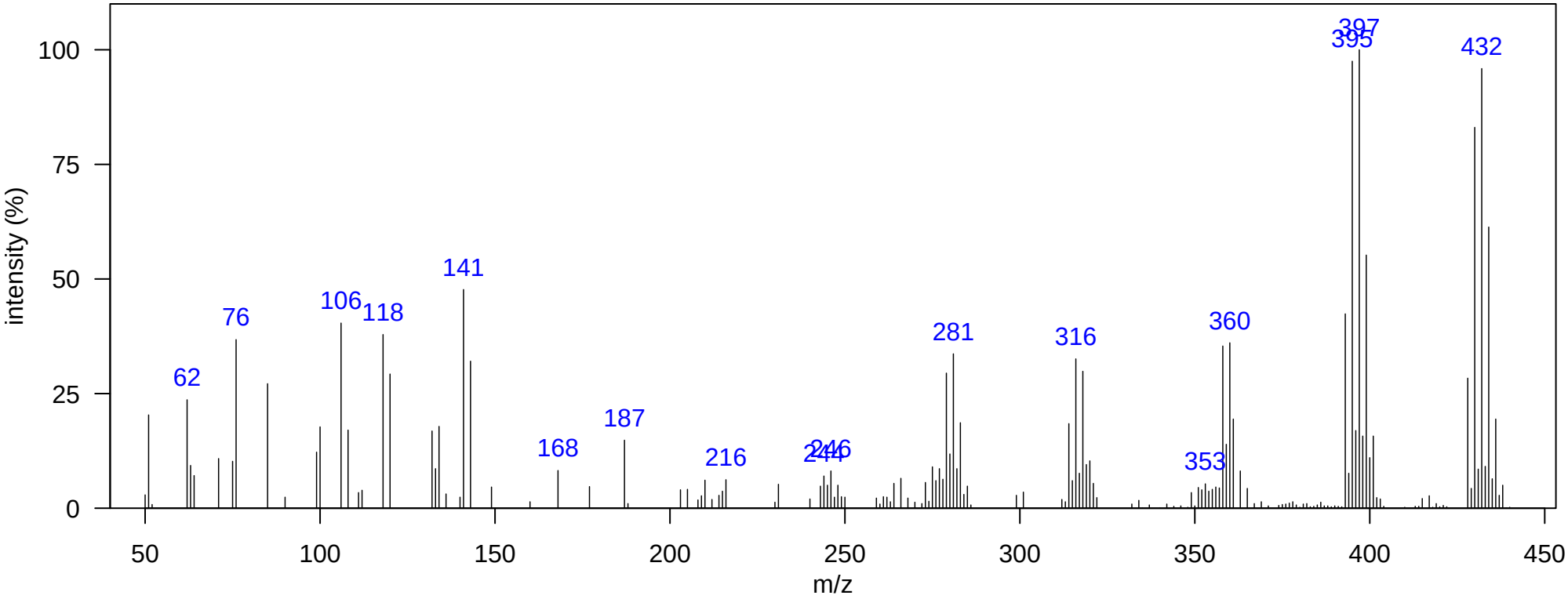
Name: unknown−19

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1397.54, 1.003
Quantitative Ion m/z: 316

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
360 PCB interference
395 PCB interference
432 PCB interference

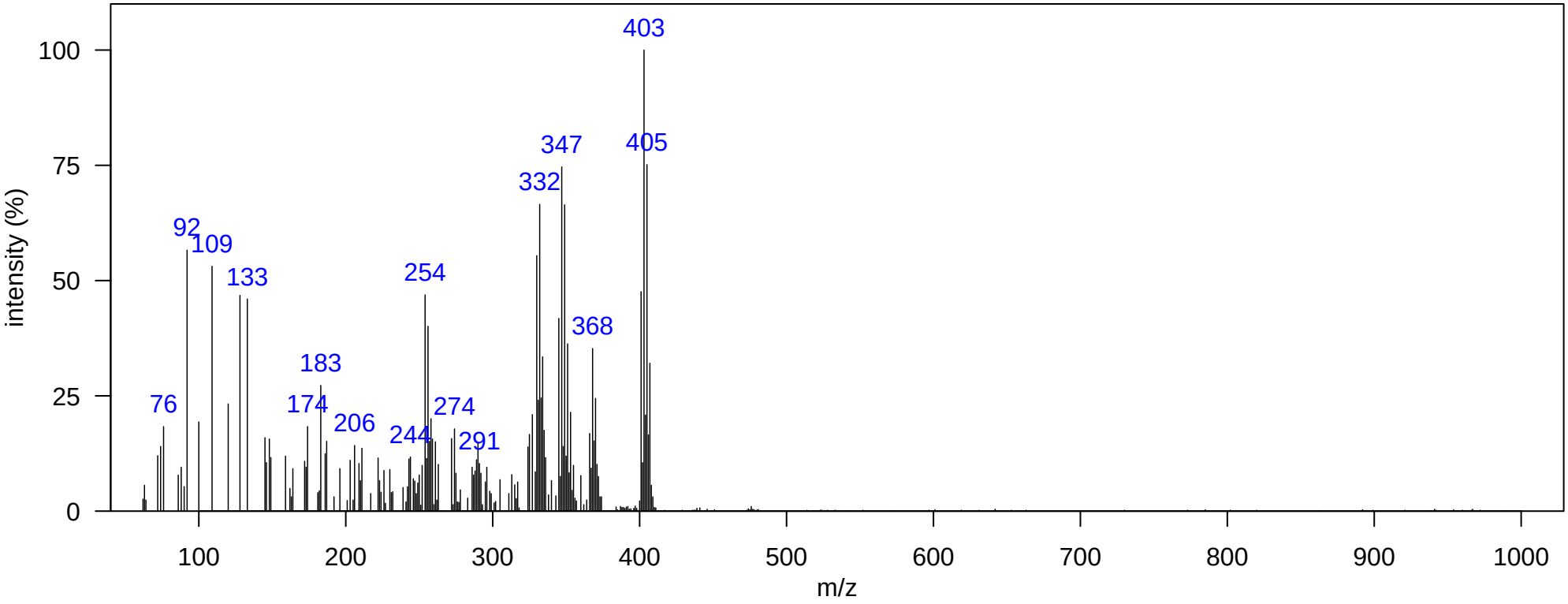
Name: unknown−20

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1436.02, 1.036
Quantitative Ion m/z: 403

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

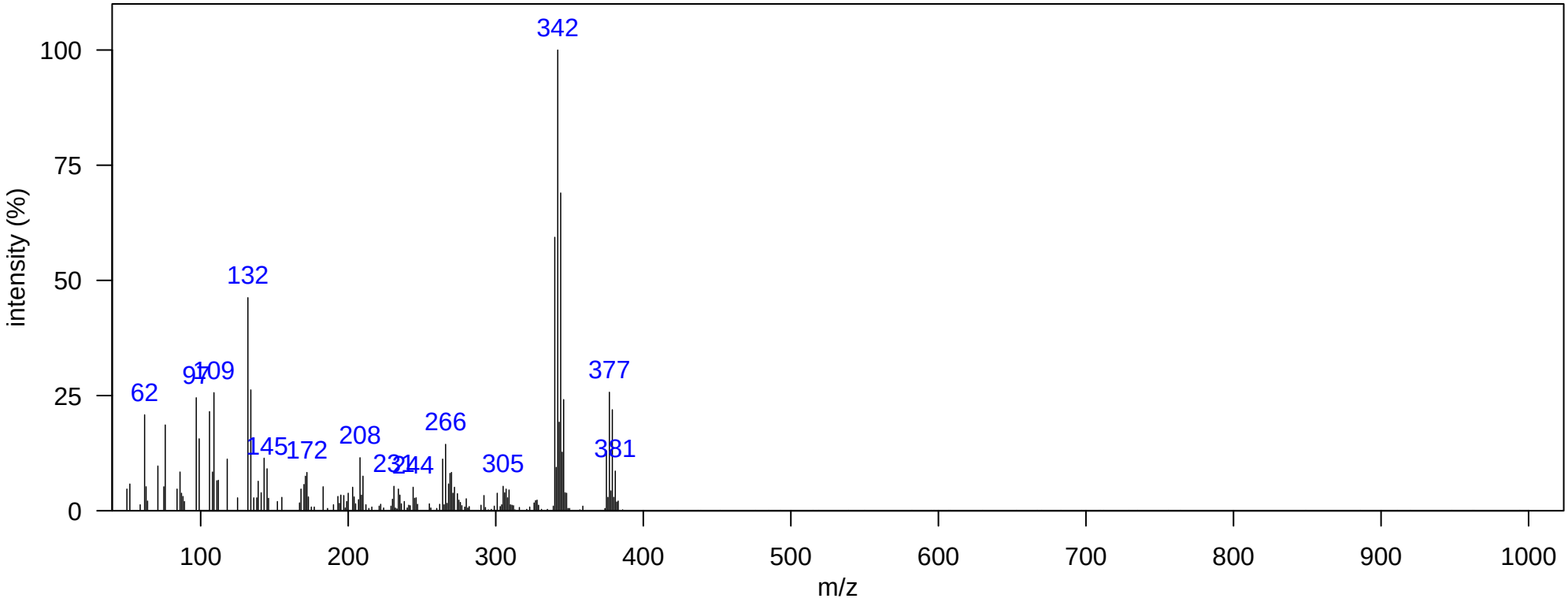
Name: unknown−21

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE
Comment: unknown−22 (Pacific Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1467.5, 1.063
Quantitative Ion m/z: 342

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

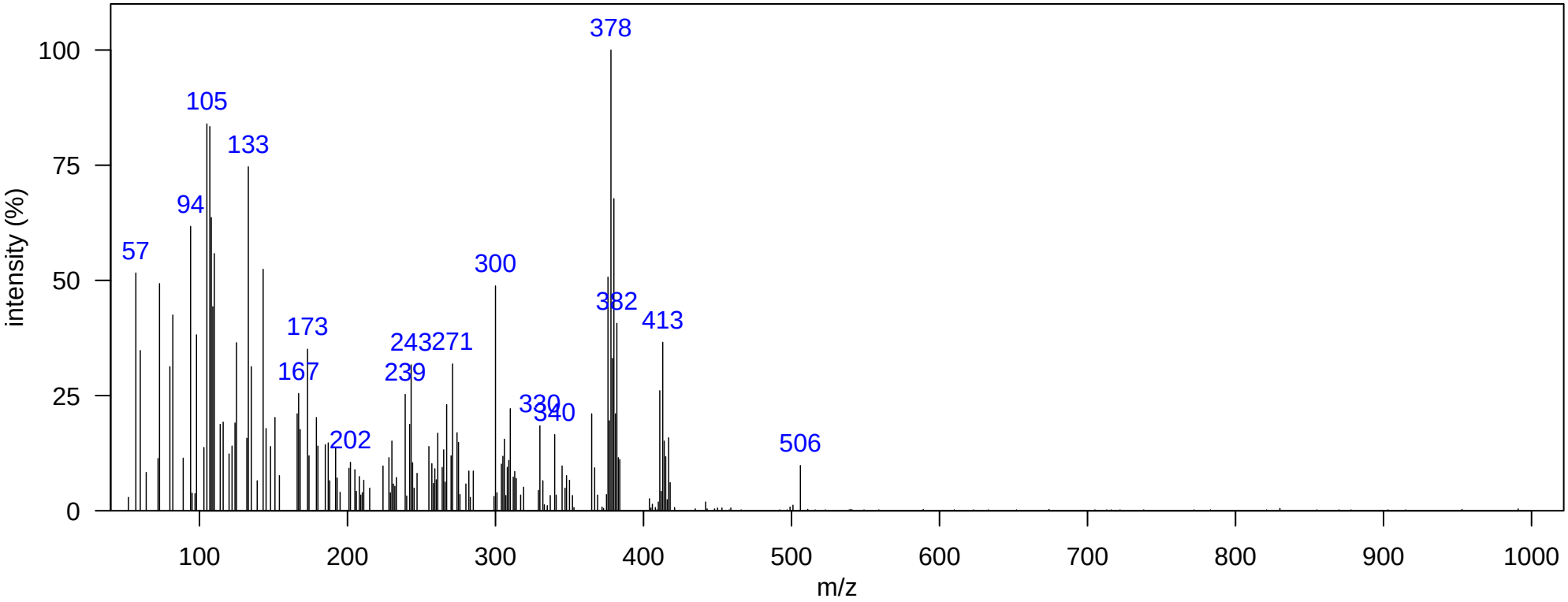
Name: unknown−22

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1481.5, 1.082
Quantitative Ion m/z: 413

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

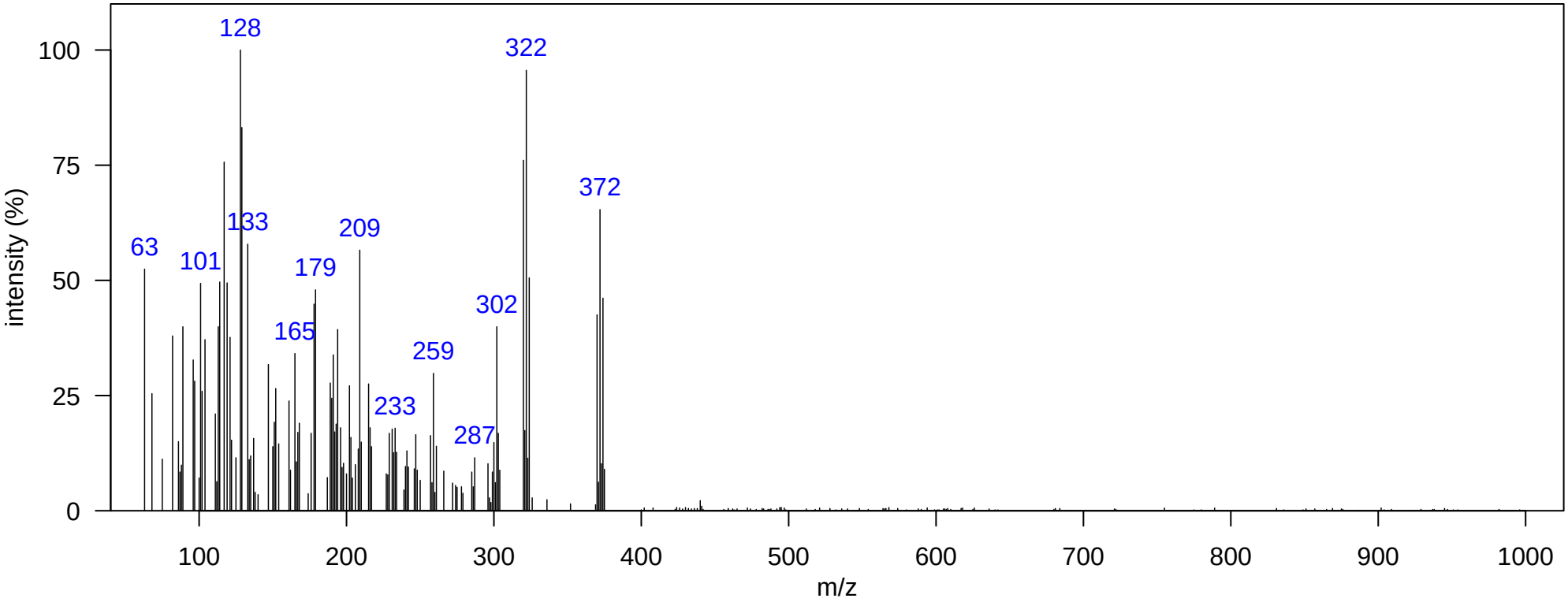
Name: unknown−23

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1481.5, 1.023
Quantitative Ion m/z: 372

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

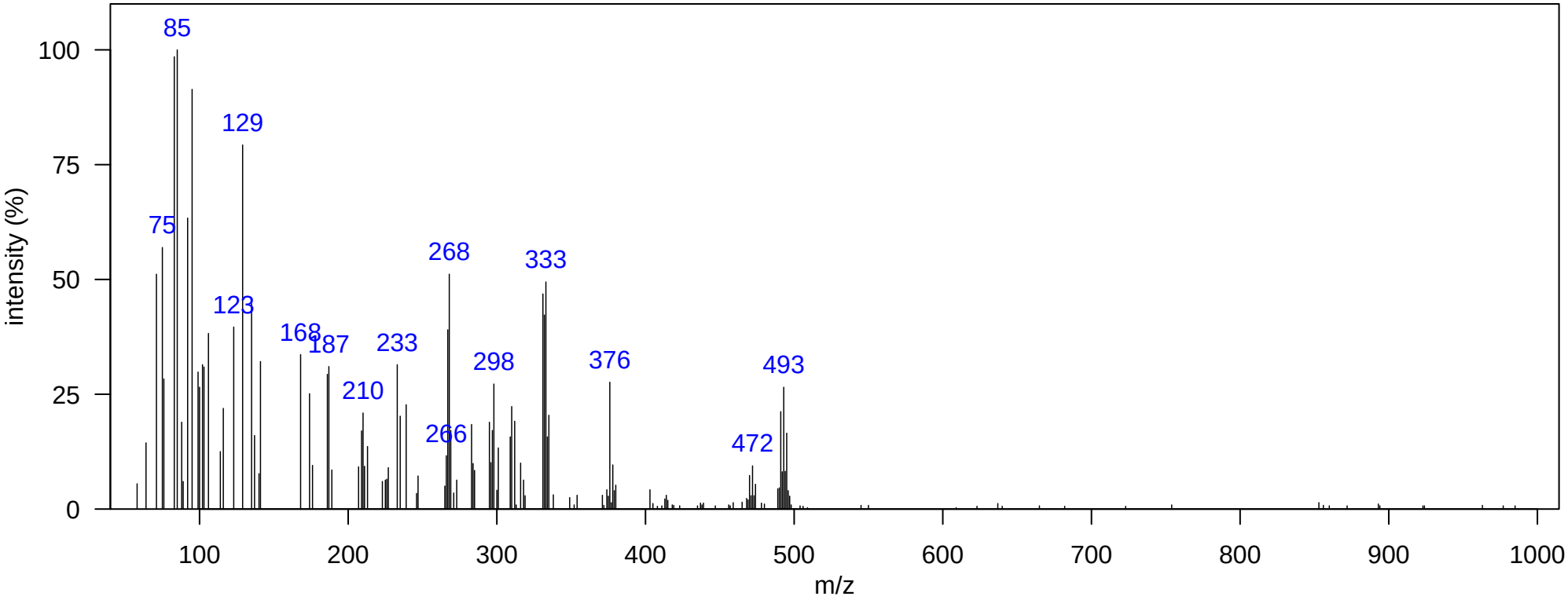
Name: unknown−24

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1526.97, 1.175
Quantitative Ion m/z: 493

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

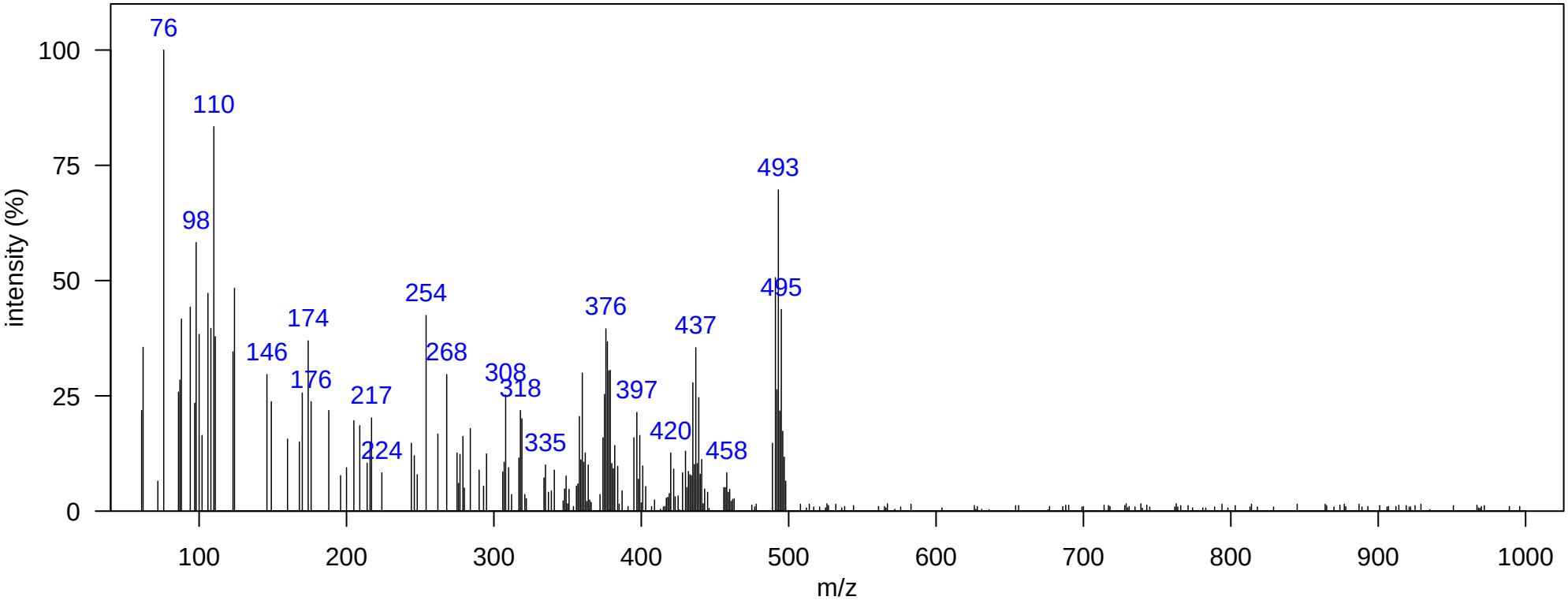
Name: unknown−25

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1533.97, 1.155
Quantitative Ion m/z: 493

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

Name: unknown−26

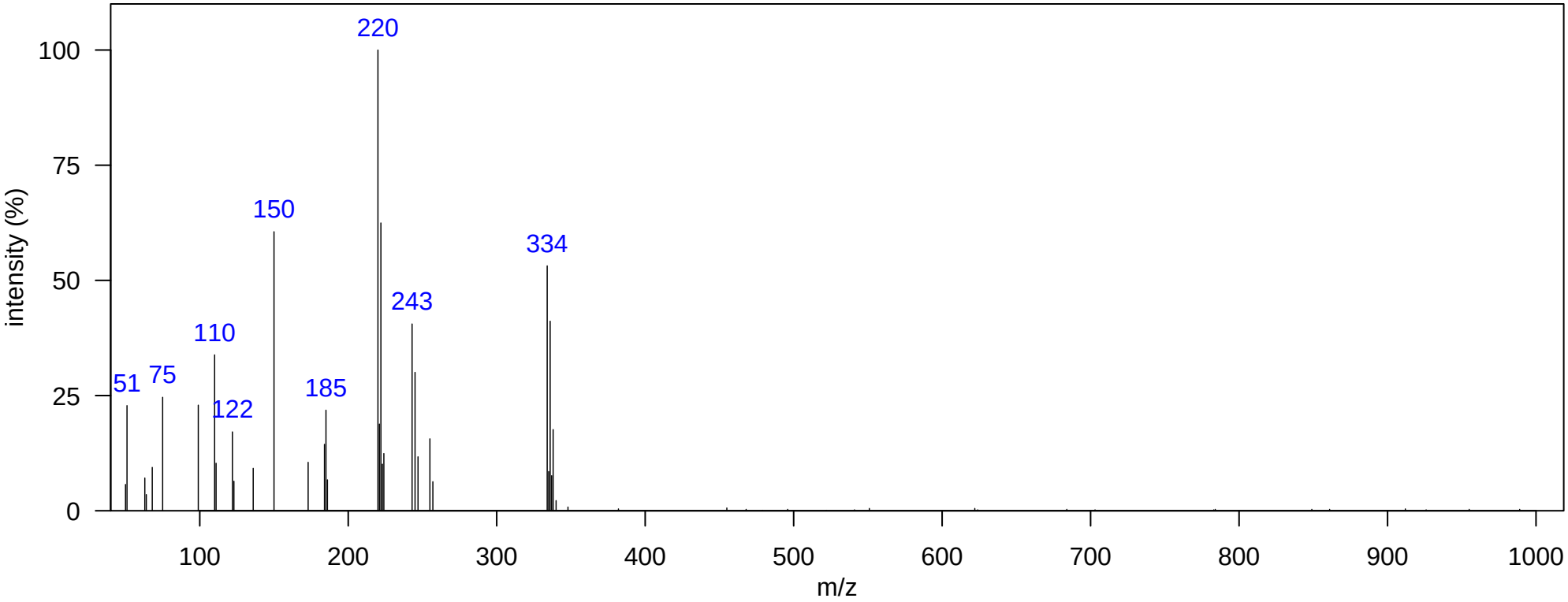
Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1568.95, 1.34
Quantitative Ion m/z: 336

Elemental Formula:
Source: unknown
Identification: NA

Comment: similar to unknown−29 but different retention time (Pacific Library)



m/z [Fragment]

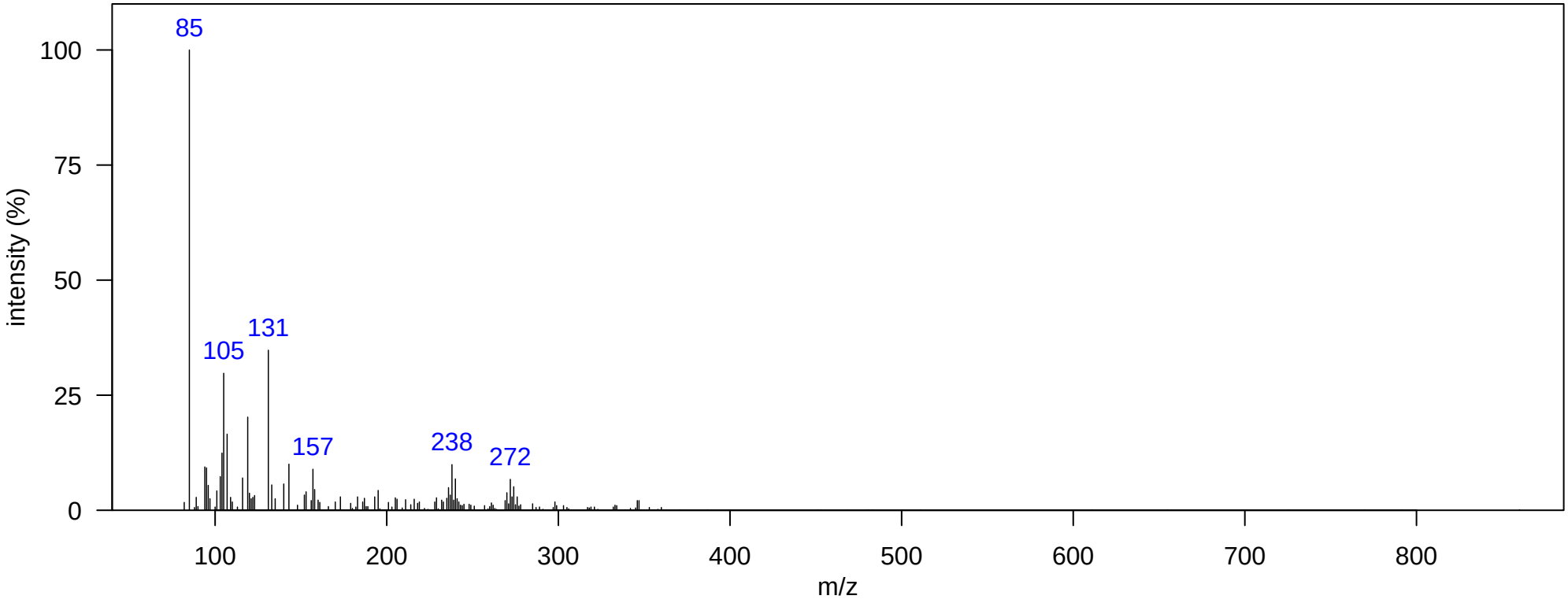
Name: unknown−27

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1638.91, 1.3
Quantitative Ion m/z: 238

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

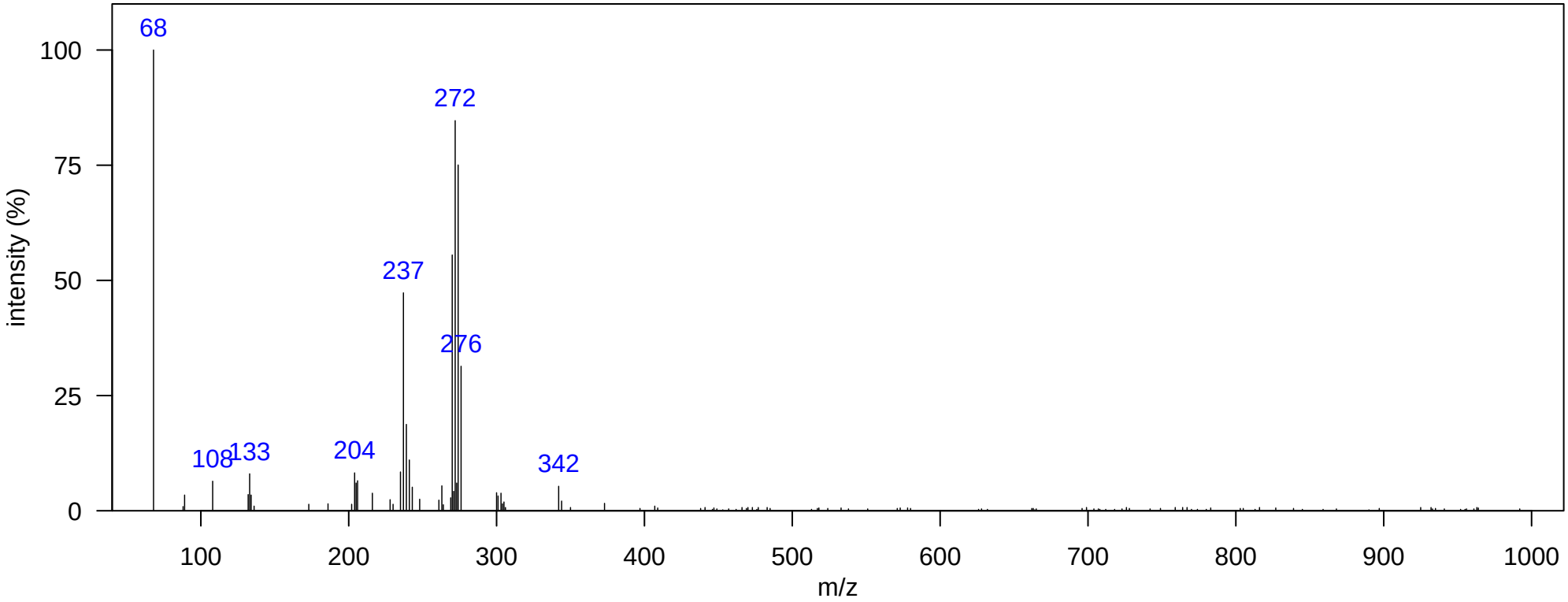
Name: unknown−28

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1666.89, 1.419
Quantitative Ion m/z: 272

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

Name: unknown−29

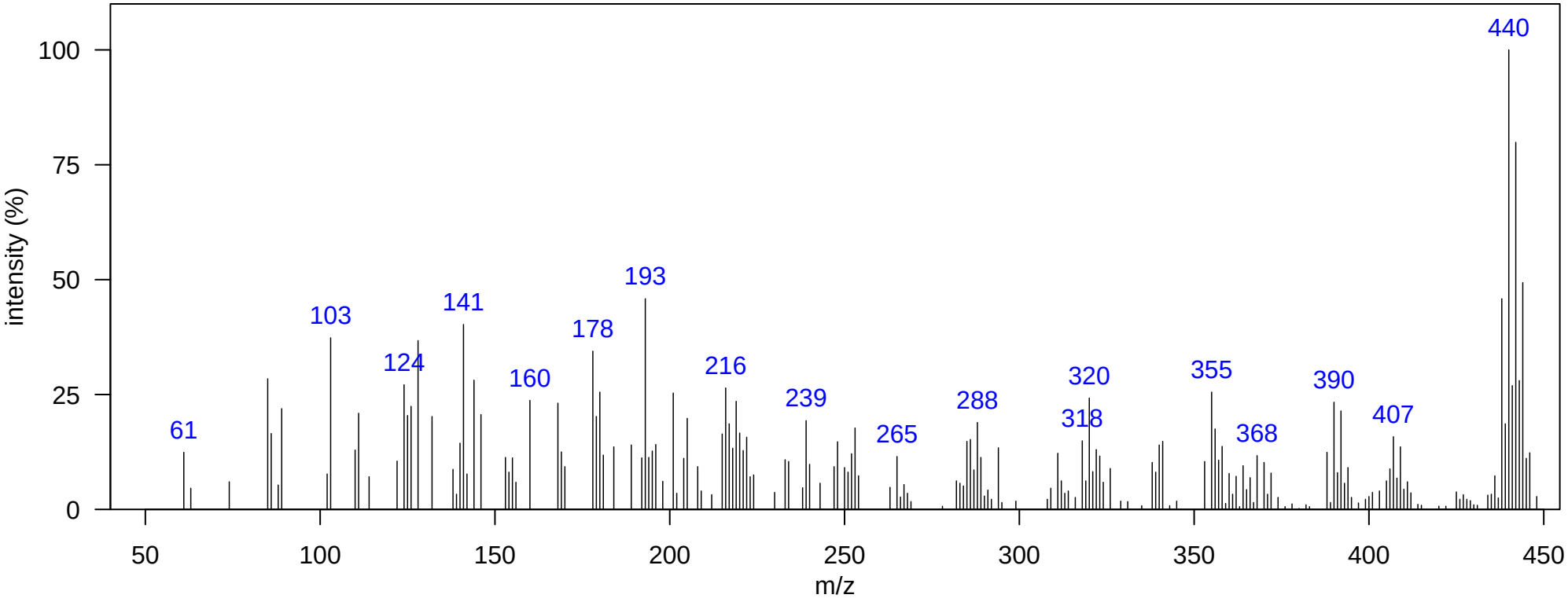
Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: TRUE
Typically Monitored: FALSE

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1708.87, 1.465
Quantitative Ion m/z: 440

Elemental Formula: C11H5Cl7N4
Source: unknown
Identification: NA

Comment: unknown−47 (Pacific Library). Might be 2−[p−chloroaniline]−4,6−bis(trichloromethyl)−triazine based on some spectral similarity



m/z [Fragment]
438 M+

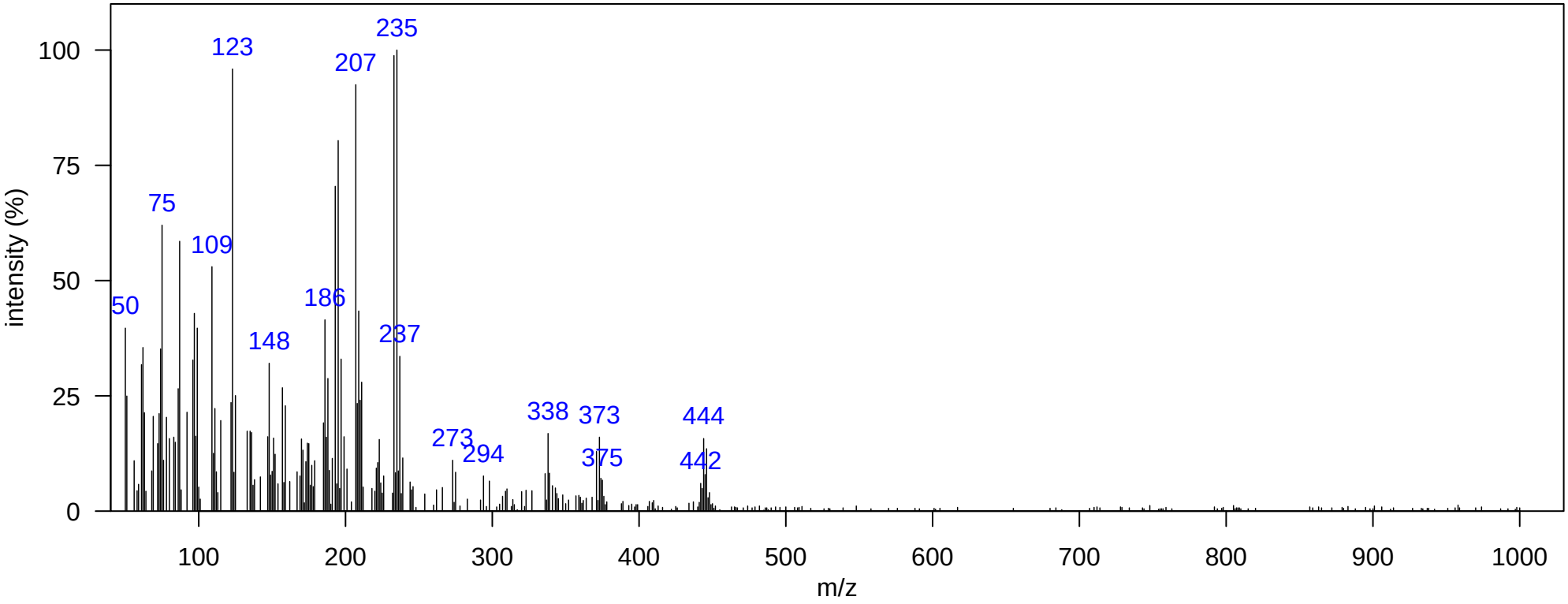
Name: unknown−30

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1778.83, 1.558
Quantitative Ion m/z: 444

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

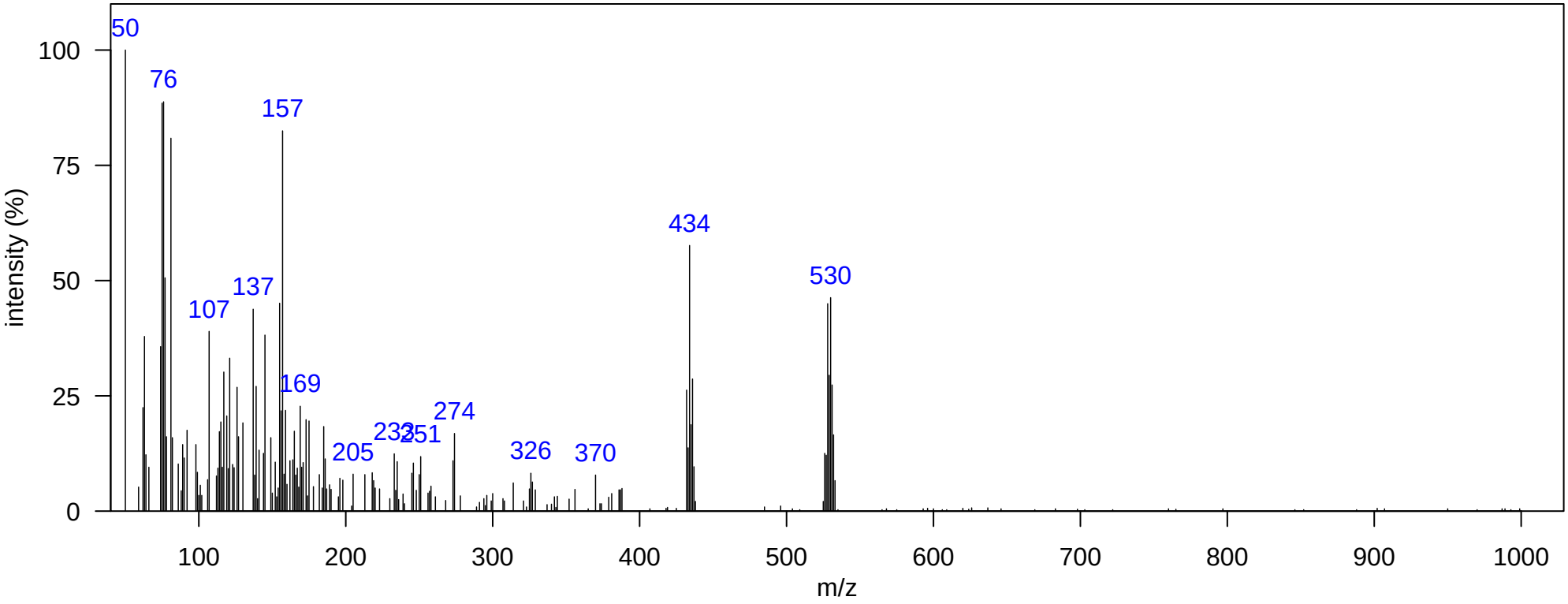
Name: unknown−31

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1876.77, 1.881
Quantitative Ion m/z: 530

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

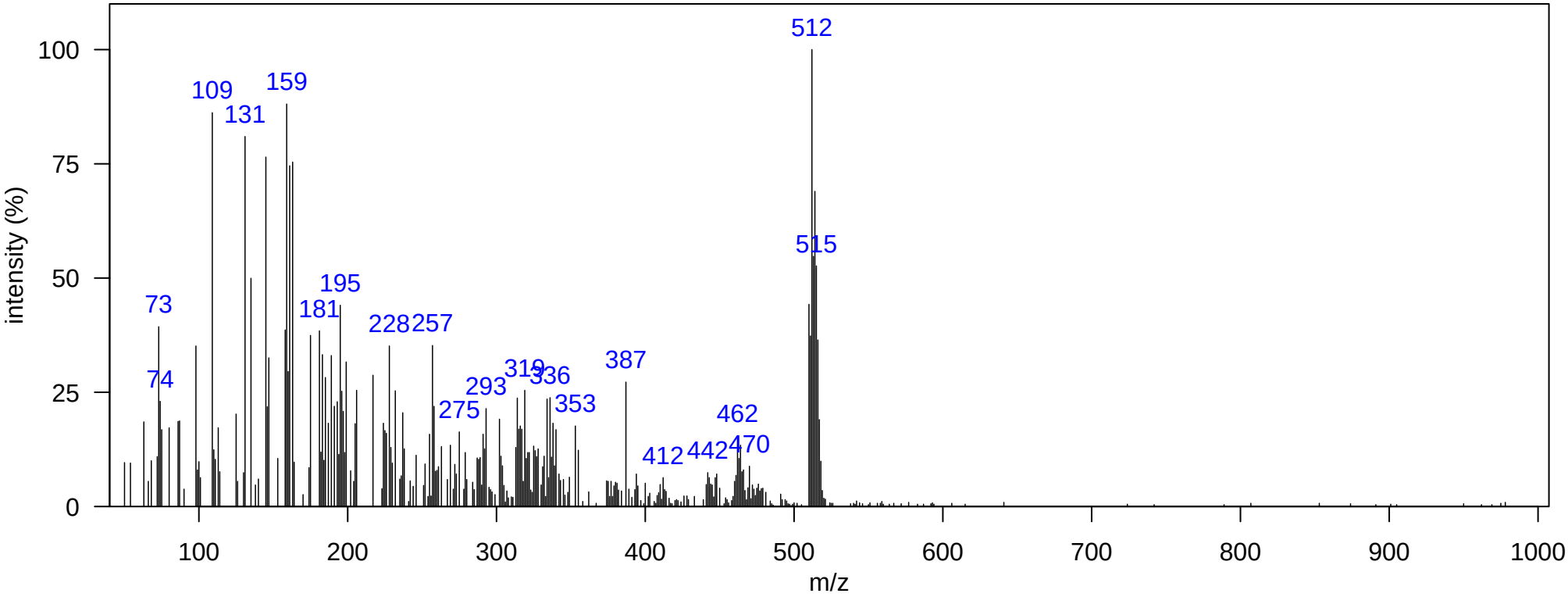
Name: unknown−32

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1873.27, 1.709
Quantitative Ion m/z: 512

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

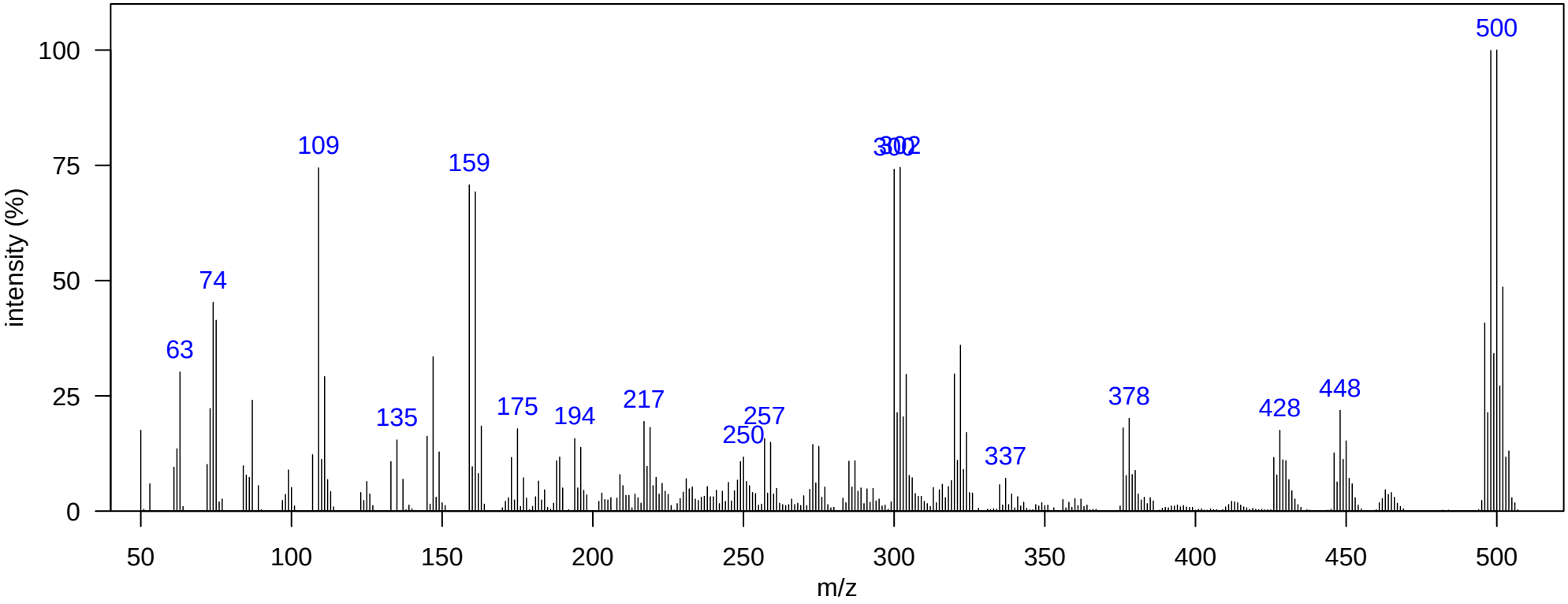
Name: unknown−33

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1880.27, 1.802
Quantitative Ion m/z: 500

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

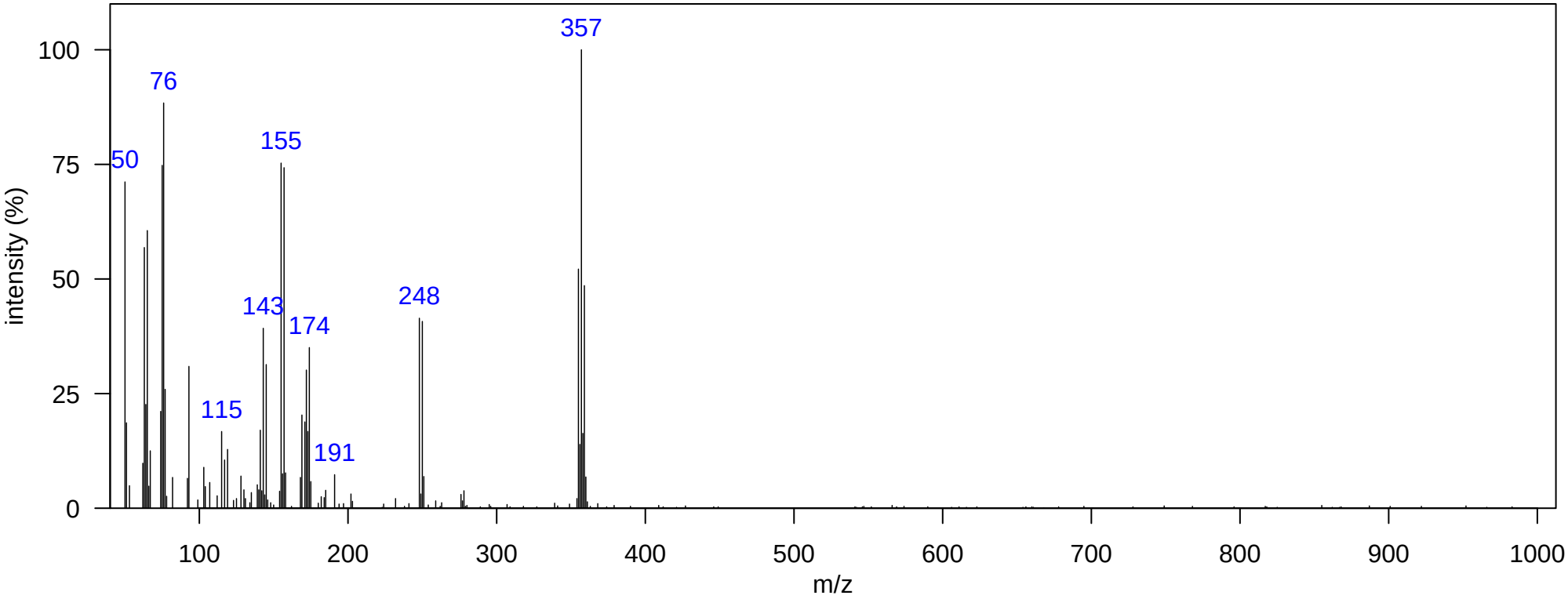
Name: unknown−34

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1901.26, 1.94
Quantitative Ion m/z: 357

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

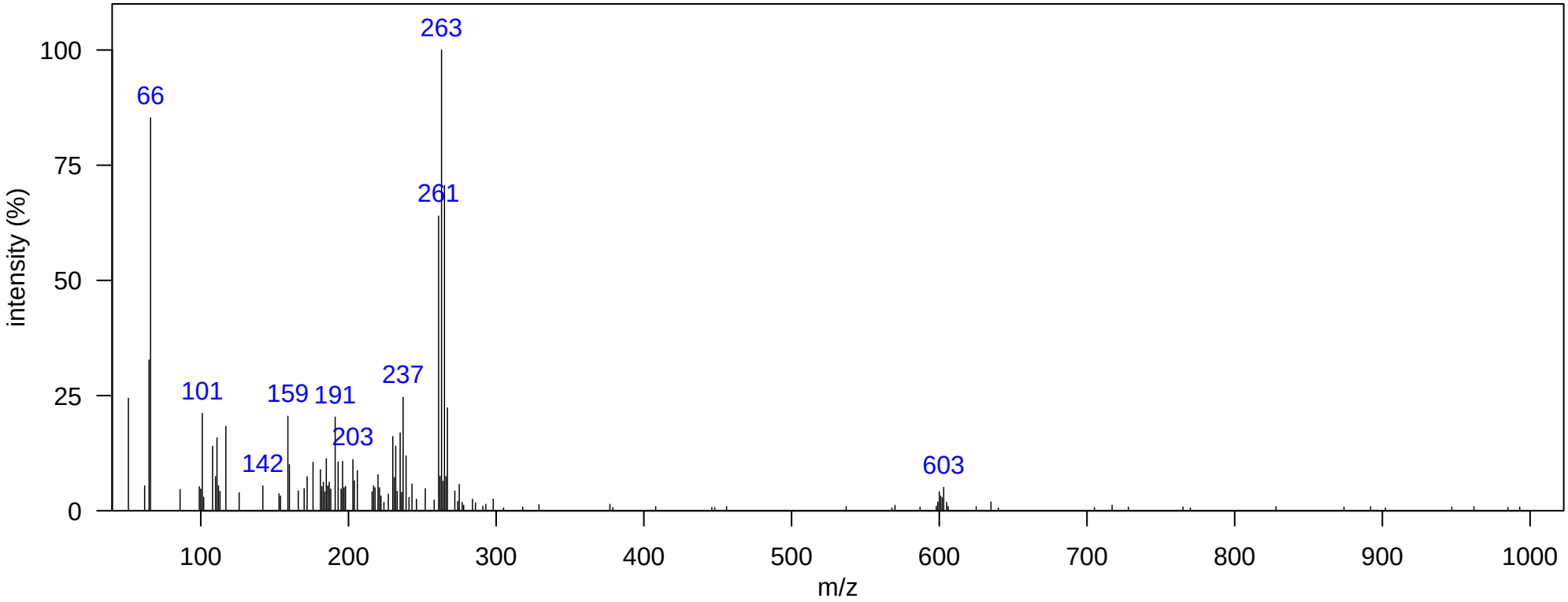
Name: unknown−35

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment:

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1936.24, 1.828
Quantitative Ion m/z: 263

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]

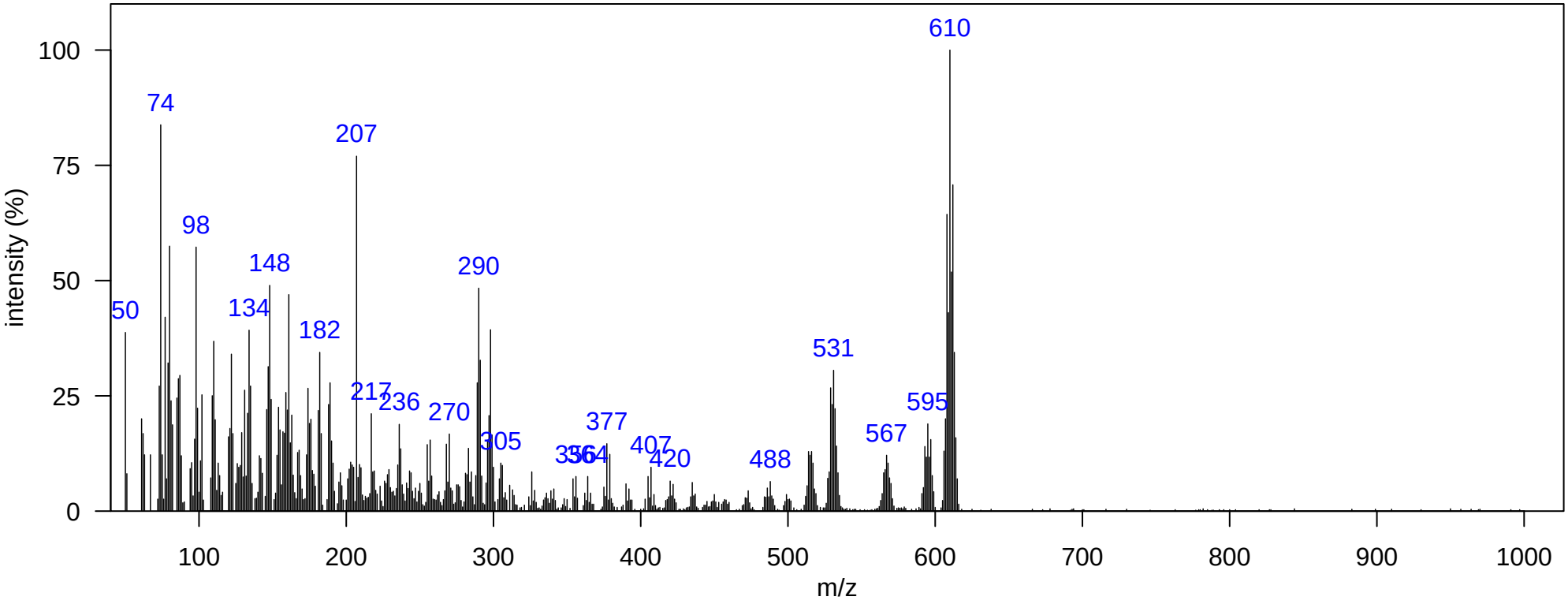
Name: unknown−36

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: TRUE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: unknown−4−4 (N Atlantic Library)

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1974.71, 2.963
Quantitative Ion m/z: 610

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]
512 [M−Br−CH3]+
527 [M−Br]+
563 [M−C3H7]+
591 [M−CH3]+
606 [M−Br4]+

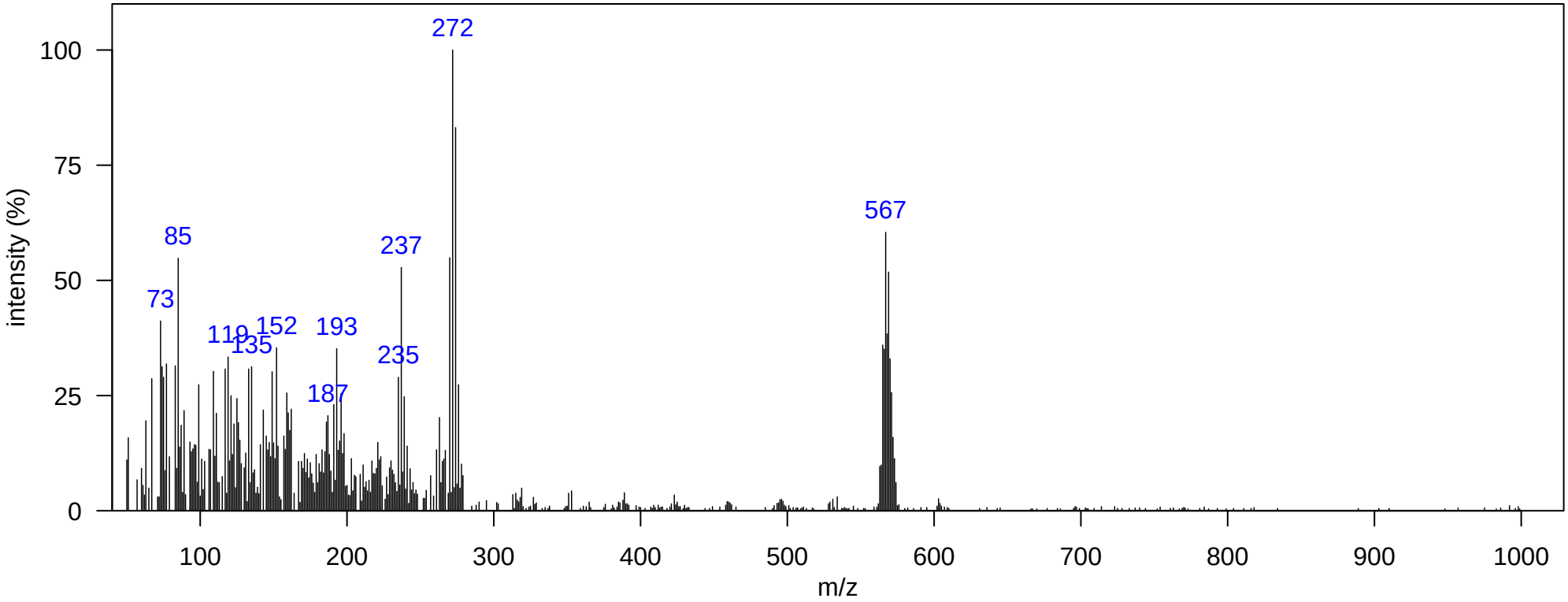
Name: unknown−37

Class: Unknown

Matrix: South Atlantic Dolphin Blubber
In N. Atlantic: FALSE, In N. Pacific: FALSE
Typically Monitored: FALSE
Comment: Maybe mirex related

Instrument: GCxGC−TOF, EI, 70 eV
1D RT, 2D RT (s): 1988.71, 2.066
Quantitative Ion m/z: 567

Elemental Formula:
Source: unknown
Identification: NA



m/z [Fragment]