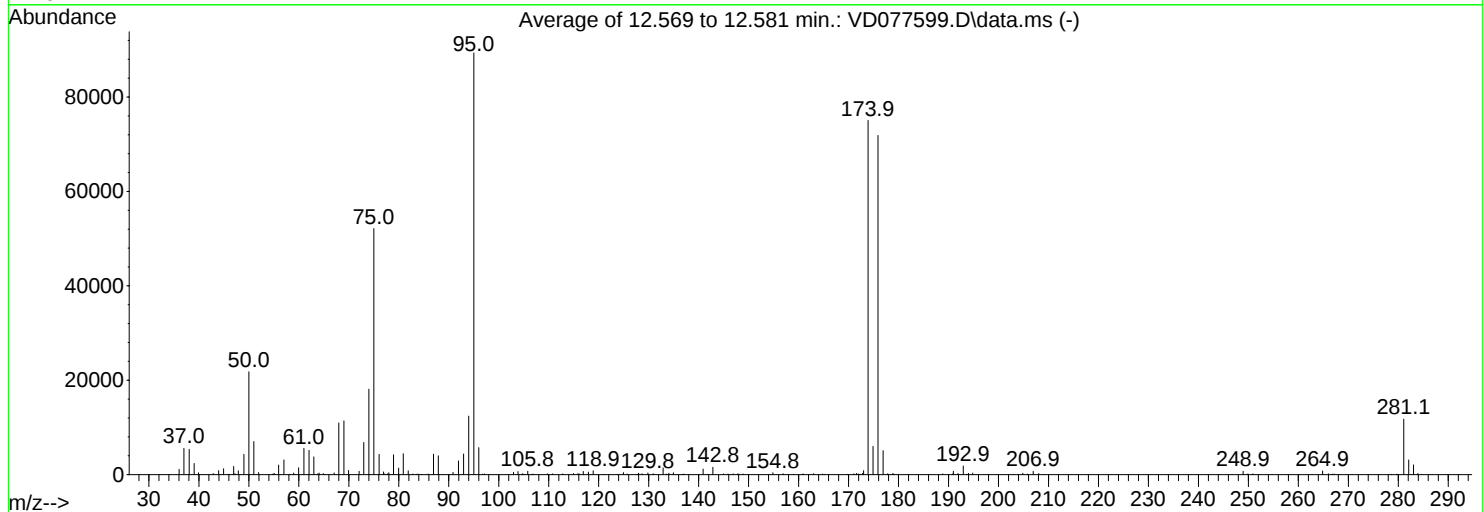
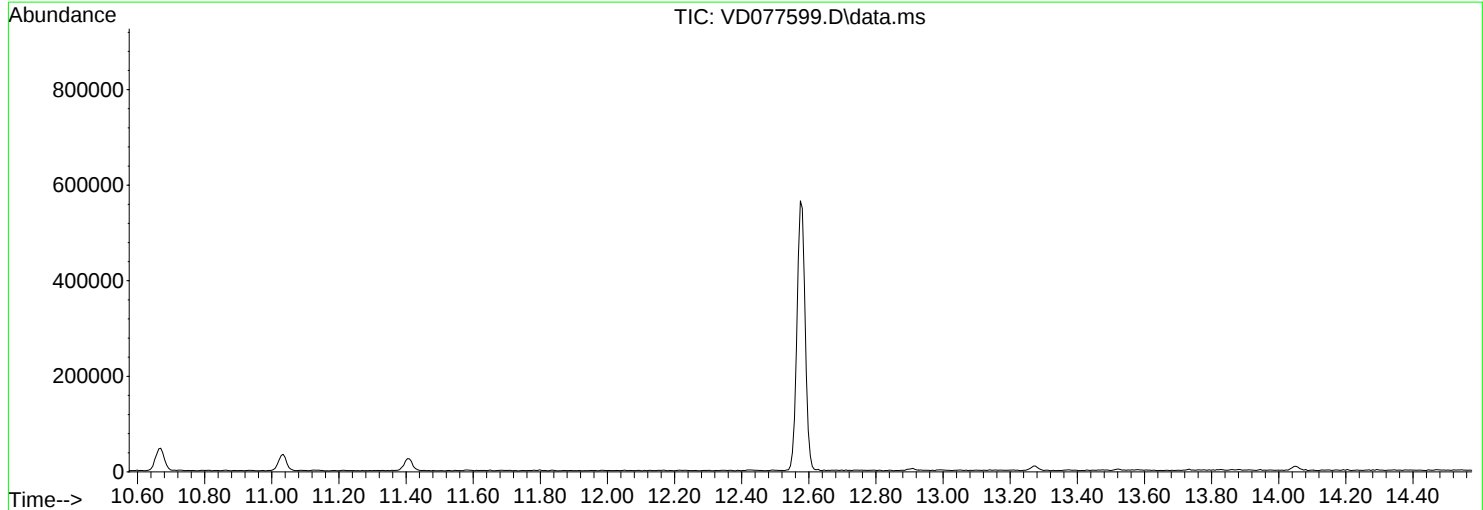


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111723\  
Data File : VD077599.D  
Acq On : 17 Nov 2023 08:00  
Operator : JC/SY  
Sample : BFB180  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
Title : SFAM01.0  
Last Update : Sun Nov 19 23:22:21 2023



AutoFind: Scans 1867, 1868, 1869; Background Corrected with Scan 1860

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw   | Result    |
|--------|---------|--------|--------|-------|-------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn   | Pass/Fail |
| 50     | 95      | 15     | 40     | 24.4  | 21800 | PASS      |
| 75     | 95      | 30     | 80     | 58.4  | 52147 | PASS      |
| 95     | 95      | 100    | 100    | 100.0 | 89360 | PASS      |
| 96     | 95      | 5      | 9      | 6.4   | 5716  | PASS      |
| 173    | 174     | 0.00   | 2      | 1.1   | 853   | PASS      |
| 174    | 95      | 50     | 120    | 84.0  | 75048 | PASS      |
| 175    | 174     | 5      | 9      | 8.0   | 6014  | PASS      |
| 176    | 174     | 95     | 105    | 95.8  | 71872 | PASS      |
| 177    | 176     | 5      | 10     | 7.1   | 5101  | PASS      |

| m/z   | Abundance |
|-------|-----------|
| 39.90 | 1299.0    |
| 40.90 | 223.0     |
| 44.00 | 963.0     |
| 49.10 | 219.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1089.0    |
| 37.00  | 4955.0    |
| 38.10  | 5353.0    |
| 39.00  | 2056.0    |
| 39.90  | 1759.0    |
| 40.80  | 205.0     |
| 42.90  | 207.0     |
| 44.00  | 1654.0    |
| 44.90  | 1033.0    |
| 46.90  | 978.0     |
| 47.20  | 631.0     |
| 47.80  | 661.0     |
| 49.00  | 4221.0    |
| 50.00  | 19464.0   |
| 51.00  | 6152.0    |
| 52.00  | 529.0     |
| 55.10  | 406.0     |
| 55.90  | 2036.0    |
| 57.00  | 2684.0    |
| 58.20  | 229.0     |
| 58.90  | 270.0     |
| 60.00  | 1427.0    |
| 61.00  | 4817.0    |
| 62.00  | 4798.0    |
| 63.00  | 3016.0    |
| 64.10  | 396.0     |
| 64.90  | 364.0     |
| 67.00  | 282.0     |
| 68.00  | 9799.0    |
| 69.00  | 9275.0    |
| 70.00  | 519.0     |
| 72.10  | 623.0     |
| 73.00  | 6244.0    |
| 74.00  | 16098.0   |
| 75.00  | 47584.0   |
| 76.00  | 4308.0    |
| 77.00  | 573.0     |
| 77.80  | 569.0     |
| 78.90  | 3708.0    |
| 80.00  | 1288.0    |
| 80.90  | 3717.0    |
| 81.90  | 926.0     |
| 83.90  | 202.0     |
| 86.90  | 4227.0    |
| 87.90  | 3626.0    |
| 90.90  | 333.0     |
| 92.00  | 2149.0    |
| 92.90  | 3650.0    |
| 94.00  | 10554.0   |
| 95.00  | 79744.0   |
| 96.00  | 5022.0    |
| 97.20  | 273.0     |
| 102.80 | 164.0     |
| 103.90 | 646.0     |
| 104.70 | 283.0     |
| 105.20 | 248.0     |
| 105.90 | 499.0     |
| 106.80 | 211.0     |
| 109.80 | 200.0     |
| 110.80 | 249.0     |
| 115.90 | 387.0     |
| 117.00 | 643.0     |
| 118.00 | 579.0     |
| 119.00 | 668.0     |
| 123.80 | 181.0     |
| 125.00 | 374.0     |
| 127.70 | 310.0     |
| 128.70 | 303.0     |
| 130.00 | 158.0     |
| 131.00 | 245.0     |
| 132.90 | 917.0     |
| 134.10 | 323.0     |
| 135.00 | 269.0     |
| 136.80 | 182.0     |
| 140.90 | 958.0     |
| 142.90 | 1133.0    |
| 145.90 | 187.0     |
| 147.90 | 200.0     |
| 154.80 | 375.0     |
| 160.80 | 290.0     |
| 169.80 | 164.0     |
| 171.60 | 284.0     |
| 172.30 | 328.0     |
| 172.80 | 773.0     |
| 173.90 | 63120.0   |
| 174.90 | 4873.0    |
| 175.90 | 59000.0   |
| 176.90 | 4501.0    |
| 178.80 | 252.0     |
| 189.00 | 153.0     |
| 190.80 | 392.0     |
| 193.10 | 1121.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

|        |        |
|--------|--------|
| 193.70 | 326.0  |
| 194.80 | 203.0  |
| 204.80 | 258.0  |
| 207.00 | 587.0  |
| 248.90 | 518.0  |
| 250.80 | 207.0  |
| 264.80 | 587.0  |
| 267.10 | 173.0  |
| 281.10 | 8333.0 |
| 282.10 | 1731.0 |
| 283.10 | 1433.0 |

**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
BFB180

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1386.0    |
| 37.00  | 6053.0    |
| 38.10  | 5591.0    |
| 39.10  | 2547.0    |
| 40.00  | 1554.0    |
| 42.80  | 227.0     |
| 44.00  | 2253.0    |
| 45.00  | 1473.0    |
| 46.10  | 169.0     |
| 47.00  | 2295.0    |
| 47.90  | 1083.0    |
| 49.00  | 4515.0    |
| 50.00  | 24472.0   |
| 51.00  | 7796.0    |
| 51.90  | 459.0     |
| 54.80  | 411.0     |
| 56.00  | 2368.0    |
| 57.00  | 3495.0    |
| 59.00  | 483.0     |
| 59.80  | 929.0     |
| 60.10  | 948.0     |
| 61.00  | 6042.0    |
| 62.10  | 5224.0    |
| 63.00  | 4378.0    |
| 63.80  | 509.0     |
| 64.90  | 387.0     |
| 67.10  | 398.0     |
| 68.00  | 11234.0   |
| 69.00  | 12679.0   |
| 69.90  | 1107.0    |
| 72.10  | 898.0     |
| 73.00  | 6954.0    |
| 74.00  | 19272.0   |
| 75.00  | 54584.0   |
| 76.00  | 4503.0    |
| 77.00  | 660.0     |
| 78.00  | 652.0     |
| 79.00  | 4770.0    |
| 79.90  | 1477.0    |
| 80.90  | 5162.0    |
| 81.90  | 748.0     |
| 82.80  | 198.0     |
| 83.50  | 162.0     |
| 84.50  | 152.0     |
| 85.90  | 243.0     |
| 87.00  | 4575.0    |
| 87.90  | 4278.0    |
| 88.80  | 154.0     |
| 90.90  | 592.0     |
| 91.90  | 3444.0    |
| 93.00  | 4912.0    |
| 94.00  | 14001.0   |
| 95.00  | 97592.0   |
| 96.00  | 5871.0    |
| 97.10  | 244.0     |
| 102.90 | 647.0     |
| 103.90 | 667.0     |
| 104.90 | 170.0     |
| 105.70 | 705.0     |
| 106.90 | 204.0     |
| 109.70 | 181.0     |
| 112.80 | 265.0     |
| 114.90 | 323.0     |
| 116.10 | 367.0     |
| 116.90 | 621.0     |
| 117.90 | 509.0     |
| 118.90 | 931.0     |
| 121.00 | 187.0     |
| 124.80 | 494.0     |
| 125.70 | 161.0     |
| 128.10 | 398.0     |
| 129.90 | 556.0     |
| 130.90 | 254.0     |
| 132.90 | 1961.0    |
| 133.60 | 367.0     |
| 134.10 | 287.0     |
| 134.90 | 382.0     |
| 137.00 | 191.0     |
| 140.90 | 1283.0    |
| 141.70 | 204.0     |
| 142.90 | 1822.0    |
| 145.00 | 271.0     |
| 145.90 | 175.0     |
| 146.90 | 204.0     |
| 147.80 | 433.0     |
| 148.90 | 165.0     |
| 154.90 | 506.0     |
| 156.90 | 360.0     |
| 161.00 | 243.0     |
| 163.00 | 364.0     |
| 164.80 | 371.0     |
| 171.10 | 304.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

|        |         |
|--------|---------|
| 171.60 | 400.0   |
| 173.00 | 1355.0  |
| 173.90 | 81944.0 |
| 174.90 | 6284.0  |
| 175.90 | 78920.0 |
| 176.90 | 5028.0  |
| 177.80 | 270.0   |
| 179.10 | 278.0   |
| 179.90 | 174.0   |
| 188.80 | 162.0   |
| 191.00 | 1121.0  |
| 191.90 | 227.0   |
| 192.90 | 2209.0  |
| 194.00 | 510.0   |
| 194.80 | 478.0   |
| 204.90 | 326.0   |
| 205.80 | 156.0   |
| 206.90 | 657.0   |
| 208.00 | 271.0   |
| 249.00 | 773.0   |
| 249.90 | 196.0   |
| 251.00 | 326.0   |
| 264.90 | 800.0   |
| 266.10 | 279.0   |
| 266.80 | 156.0   |
| 281.10 | 11683.0 |
| 282.10 | 3402.0  |
| 283.00 | 2220.0  |
| 283.90 | 292.0   |
| 284.70 | 208.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 882.0     |
| 37.00  | 5711.0    |
| 38.00  | 5137.0    |
| 39.00  | 2549.0    |
| 40.00  | 1795.0    |
| 42.90  | 287.0     |
| 43.90  | 1540.0    |
| 45.00  | 1308.0    |
| 45.80  | 299.0     |
| 47.00  | 1915.0    |
| 48.00  | 655.0     |
| 49.00  | 4860.0    |
| 50.00  | 21464.0   |
| 51.00  | 7115.0    |
| 52.00  | 333.0     |
| 55.00  | 417.0     |
| 56.00  | 1749.0    |
| 57.00  | 3228.0    |
| 59.00  | 308.0     |
| 60.00  | 1095.0    |
| 61.00  | 5817.0    |
| 62.00  | 5433.0    |
| 63.00  | 3932.0    |
| 64.00  | 580.0     |
| 65.20  | 226.0     |
| 67.00  | 431.0     |
| 68.00  | 11828.0   |
| 69.00  | 12179.0   |
| 70.00  | 991.0     |
| 72.00  | 597.0     |
| 73.00  | 7270.0    |
| 74.00  | 18952.0   |
| 75.00  | 54272.0   |
| 76.10  | 4140.0    |
| 76.80  | 502.0     |
| 77.20  | 430.0     |
| 78.00  | 580.0     |
| 78.90  | 4111.0    |
| 79.90  | 1451.0    |
| 80.90  | 4440.0    |
| 81.90  | 814.0     |
| 82.80  | 179.0     |
| 83.80  | 179.0     |
| 85.80  | 211.0     |
| 86.90  | 4169.0    |
| 87.90  | 4097.0    |
| 90.80  | 469.0     |
| 92.00  | 3170.0    |
| 93.00  | 4573.0    |
| 94.00  | 12712.0   |
| 95.00  | 90744.0   |
| 96.00  | 6256.0    |
| 96.80  | 266.0     |
| 103.00 | 609.0     |
| 103.80 | 599.0     |
| 104.70 | 300.0     |
| 105.80 | 906.0     |
| 106.60 | 162.0     |
| 109.80 | 169.0     |
| 110.80 | 267.0     |
| 112.80 | 211.0     |
| 115.00 | 439.0     |
| 115.80 | 307.0     |
| 116.80 | 802.0     |
| 117.90 | 572.0     |
| 118.80 | 890.0     |
| 125.00 | 435.0     |
| 125.70 | 235.0     |
| 127.90 | 482.0     |
| 128.60 | 339.0     |
| 129.70 | 386.0     |
| 130.80 | 157.0     |
| 132.90 | 1371.0    |
| 133.90 | 319.0     |
| 134.90 | 563.0     |
| 137.10 | 205.0     |
| 140.90 | 1340.0    |
| 141.90 | 238.0     |
| 142.80 | 1712.0    |
| 145.00 | 234.0     |
| 146.90 | 324.0     |
| 148.10 | 209.0     |
| 148.90 | 236.0     |
| 154.80 | 304.0     |
| 156.90 | 214.0     |
| 159.00 | 196.0     |
| 160.90 | 181.0     |
| 162.90 | 227.0     |
| 165.20 | 185.0     |
| 171.00 | 222.0     |
| 171.90 | 521.0     |
| 173.00 | 1203.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180

|        |         |
|--------|---------|
| 173.90 | 80080.0 |
| 174.90 | 6885.0  |
| 175.90 | 77696.0 |
| 176.90 | 5773.0  |
| 177.90 | 339.0   |
| 178.90 | 604.0   |
| 180.00 | 178.0   |
| 188.80 | 181.0   |
| 190.90 | 988.0   |
| 191.90 | 504.0   |
| 193.00 | 2217.0  |
| 194.00 | 332.0   |
| 194.90 | 393.0   |
| 202.90 | 239.0   |
| 204.80 | 314.0   |
| 205.70 | 250.0   |
| 207.00 | 890.0   |
| 208.10 | 402.0   |
| 209.00 | 154.0   |
| 249.00 | 876.0   |
| 249.90 | 302.0   |
| 250.80 | 244.0   |
| 264.90 | 979.0   |
| 266.00 | 282.0   |
| 266.80 | 186.0   |
| 267.20 | 222.0   |
| 278.60 | 207.0   |
| 279.70 | 274.0   |
| 281.10 | 15232.0 |
| 282.10 | 4223.0  |
| 283.00 | 2581.0  |
| 283.90 | 415.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB180