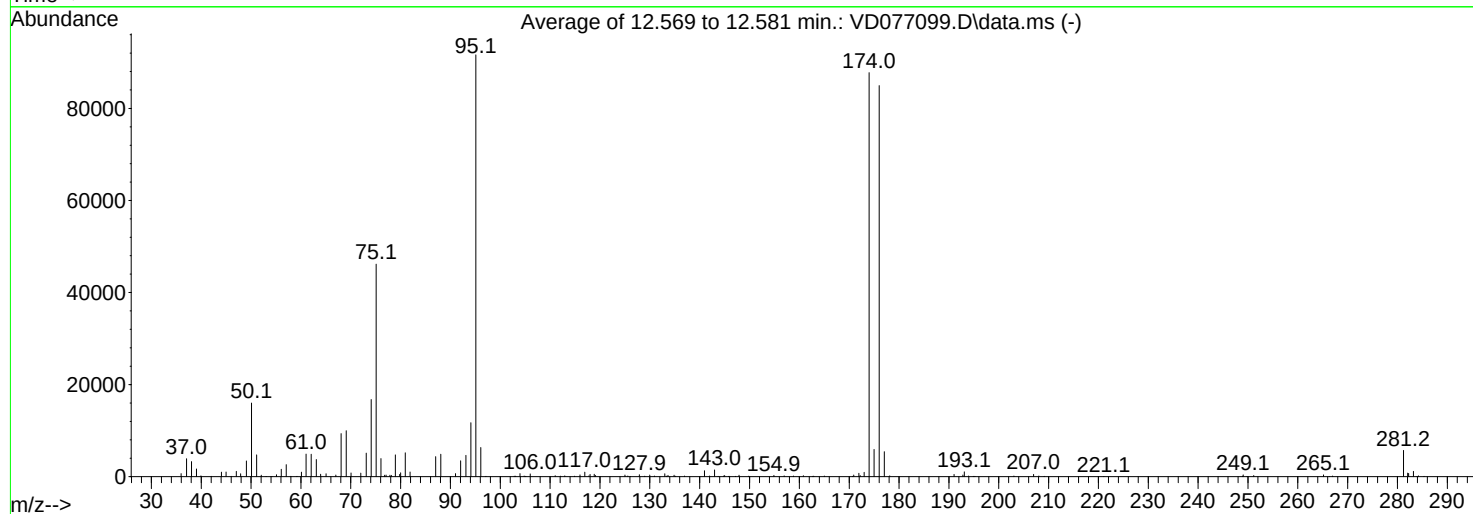
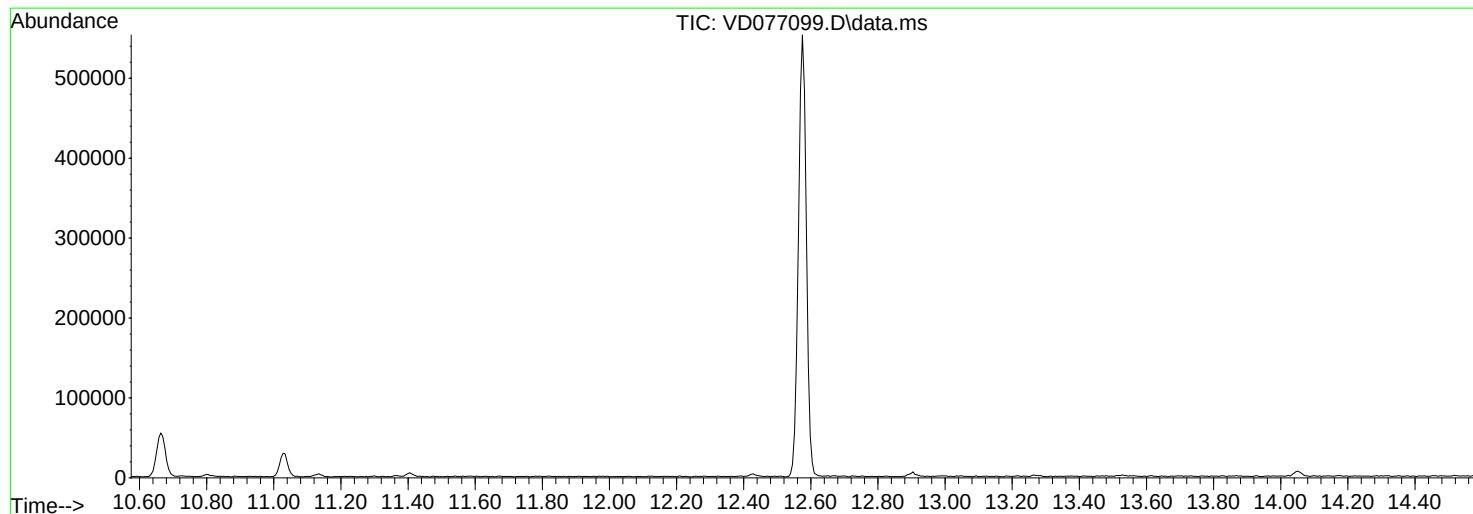


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091323\  
Data File : VD077099.D  
Acq On : 13 Sep 2023 09:38  
Operator : JC/SY  
Sample : BFB161  
Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
Title : SFAM01.0  
Last Update : Sat Sep 02 01:35:39 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     | 17.5  | 16002 | PASS      |
| 75     | 95      | 30     | 80     | 50.4  | 46163 | PASS      |
| 95     | 95      | 100    | 100    | 100.0 | 91637 | PASS      |
| 96     | 95      | 5      | 9      | 6.9   | 6325  | PASS      |
| 173    | 174     | 0.00   | 2      | 1.1   | 934   | PASS      |
| 174    | 95      | 50     | 120    | 95.8  | 87784 | PASS      |
| 175    | 174     | 5      | 9      | 6.7   | 5905  | PASS      |
| 176    | 174     | 95     | 105    | 96.8  | 84949 | PASS      |
| 177    | 176     | 5      | 10     | 6.4   | 5435  | PASS      |

Scan 1860 (12.528 min): VD077099.D\data.ms  
BFB161

| m/z   | Abundance |
|-------|-----------|
| 40.00 | 921.0     |
| 44.20 | 526.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 943.0     |
| 37.10  | 3626.0    |
| 38.00  | 3499.0    |
| 39.00  | 1783.0    |
| 39.90  | 1077.0    |
| 42.00  | 172.0     |
| 44.10  | 1602.0    |
| 45.00  | 1028.0    |
| 47.10  | 1213.0    |
| 48.00  | 634.0     |
| 49.10  | 3895.0    |
| 50.10  | 16229.0   |
| 51.10  | 4326.0    |
| 52.10  | 250.0     |
| 55.10  | 270.0     |
| 56.00  | 1754.0    |
| 57.00  | 2689.0    |
| 58.00  | 240.0     |
| 60.10  | 784.0     |
| 61.10  | 4388.0    |
| 62.10  | 5229.0    |
| 63.10  | 3571.0    |
| 64.10  | 535.0     |
| 65.00  | 629.0     |
| 67.00  | 407.0     |
| 68.10  | 9130.0    |
| 69.10  | 9602.0    |
| 70.00  | 822.0     |
| 72.00  | 545.0     |
| 73.10  | 4999.0    |
| 74.10  | 16856.0   |
| 75.10  | 44448.0   |
| 76.10  | 4307.0    |
| 77.10  | 557.0     |
| 77.90  | 622.0     |
| 78.90  | 4874.0    |
| 79.80  | 1432.0    |
| 81.00  | 4730.0    |
| 81.90  | 814.0     |
| 87.10  | 3978.0    |
| 88.00  | 3973.0    |
| 90.90  | 587.0     |
| 92.10  | 3388.0    |
| 93.10  | 5322.0    |
| 94.10  | 10729.0   |
| 95.10  | 85192.0   |
| 96.10  | 5779.0    |
| 103.10 | 306.0     |
| 104.00 | 609.0     |
| 104.90 | 176.0     |
| 106.20 | 451.0     |
| 111.00 | 250.0     |
| 113.00 | 165.0     |
| 116.00 | 238.0     |
| 116.90 | 926.0     |
| 117.80 | 499.0     |
| 119.10 | 741.0     |
| 125.10 | 233.0     |
| 127.90 | 553.0     |
| 129.00 | 293.0     |
| 130.00 | 315.0     |
| 130.90 | 208.0     |
| 133.00 | 410.0     |
| 133.40 | 331.0     |
| 134.80 | 419.0     |
| 141.00 | 1220.0    |
| 143.00 | 1424.0    |
| 144.80 | 466.0     |
| 145.80 | 229.0     |
| 147.20 | 220.0     |
| 148.00 | 376.0     |
| 149.90 | 152.0     |
| 155.00 | 327.0     |
| 156.90 | 299.0     |
| 158.90 | 265.0     |
| 170.70 | 195.0     |
| 171.90 | 567.0     |
| 172.20 | 756.0     |
| 173.10 | 1317.0    |
| 174.00 | 81976.0   |
| 175.00 | 6342.0    |
| 176.00 | 81336.0   |
| 177.00 | 5917.0    |
| 178.20 | 183.0     |
| 191.10 | 574.0     |
| 193.10 | 1027.0    |
| 203.00 | 260.0     |
| 207.10 | 415.0     |
| 208.00 | 185.0     |
| 248.90 | 302.0     |
| 251.20 | 195.0     |
| 265.10 | 410.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

|        |        |
|--------|--------|
| 266.30 | 161.0  |
| 281.20 | 4208.0 |
| 282.00 | 605.0  |
| 282.30 | 626.0  |
| 283.20 | 866.0  |

**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
BFB161

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 629.0     |
| 37.10  | 4427.0    |
| 38.10  | 3525.0    |
| 39.10  | 1506.0    |
| 40.00  | 1293.0    |
| 44.10  | 1570.0    |
| 45.00  | 1037.0    |
| 46.00  | 173.0     |
| 47.00  | 1058.0    |
| 47.80  | 467.0     |
| 49.10  | 3331.0    |
| 50.10  | 17104.0   |
| 51.10  | 5888.0    |
| 52.10  | 394.0     |
| 53.00  | 153.0     |
| 54.00  | 156.0     |
| 55.10  | 425.0     |
| 56.10  | 1963.0    |
| 57.10  | 2832.0    |
| 59.20  | 201.0     |
| 60.00  | 1553.0    |
| 61.10  | 5475.0    |
| 62.10  | 4614.0    |
| 63.10  | 4484.0    |
| 63.90  | 657.0     |
| 65.00  | 742.0     |
| 67.10  | 329.0     |
| 68.00  | 9947.0    |
| 69.10  | 10027.0   |
| 70.10  | 1107.0    |
| 72.00  | 686.0     |
| 73.10  | 5071.0    |
| 74.10  | 18024.0   |
| 75.10  | 50904.0   |
| 76.00  | 4065.0    |
| 76.80  | 930.0     |
| 77.70  | 324.0     |
| 78.10  | 429.0     |
| 79.00  | 5490.0    |
| 80.00  | 1398.0    |
| 81.00  | 5766.0    |
| 81.90  | 1147.0    |
| 87.00  | 5400.0    |
| 88.10  | 5396.0    |
| 91.00  | 640.0     |
| 92.00  | 3779.0    |
| 93.10  | 4184.0    |
| 94.10  | 12979.0   |
| 95.10  | 101712.0  |
| 96.10  | 6867.0    |
| 97.10  | 218.0     |
| 104.00 | 608.0     |
| 105.10 | 240.0     |
| 106.00 | 626.0     |
| 111.00 | 342.0     |
| 112.10 | 294.0     |
| 112.90 | 181.0     |
| 114.90 | 347.0     |
| 116.00 | 421.0     |
| 117.00 | 909.0     |
| 118.00 | 972.0     |
| 118.80 | 749.0     |
| 124.90 | 560.0     |
| 125.60 | 377.0     |
| 126.10 | 156.0     |
| 127.90 | 441.0     |
| 130.10 | 338.0     |
| 130.90 | 223.0     |
| 133.00 | 490.0     |
| 133.60 | 635.0     |
| 134.90 | 526.0     |
| 137.00 | 293.0     |
| 140.90 | 1360.0    |
| 142.00 | 390.0     |
| 143.00 | 1731.0    |
| 143.70 | 174.0     |
| 145.00 | 466.0     |
| 146.00 | 214.0     |
| 147.90 | 259.0     |
| 149.80 | 196.0     |
| 154.80 | 232.0     |
| 157.00 | 286.0     |
| 158.70 | 165.0     |
| 160.90 | 277.0     |
| 162.70 | 191.0     |
| 165.00 | 280.0     |
| 170.90 | 599.0     |
| 172.00 | 855.0     |
| 172.90 | 891.0     |
| 174.00 | 95872.0   |
| 175.00 | 6290.0    |
| 176.00 | 90808.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

|        |        |
|--------|--------|
| 177.10 | 5655.0 |
| 178.00 | 154.0  |
| 191.00 | 437.0  |
| 193.00 | 1198.0 |
| 194.00 | 249.0  |
| 203.10 | 181.0  |
| 207.00 | 638.0  |
| 208.10 | 199.0  |
| 209.10 | 209.0  |
| 249.10 | 546.0  |
| 249.80 | 153.0  |
| 251.10 | 236.0  |
| 265.20 | 422.0  |
| 267.00 | 390.0  |
| 281.20 | 5927.0 |
| 282.10 | 1736.0 |
| 283.20 | 1226.0 |
| 284.20 | 570.0  |
| 285.30 | 167.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 424.0     |
| 37.00  | 3618.0    |
| 38.00  | 2809.0    |
| 39.00  | 1719.0    |
| 40.00  | 967.0     |
| 44.00  | 1355.0    |
| 45.00  | 990.0     |
| 47.10  | 1139.0    |
| 47.90  | 820.0     |
| 49.00  | 3044.0    |
| 50.10  | 14672.0   |
| 51.10  | 3998.0    |
| 52.00  | 279.0     |
| 54.20  | 155.0     |
| 55.10  | 522.0     |
| 56.00  | 1115.0    |
| 57.10  | 2329.0    |
| 60.20  | 608.0     |
| 61.00  | 4804.0    |
| 62.00  | 4803.0    |
| 63.10  | 3085.0    |
| 63.90  | 404.0     |
| 65.10  | 541.0     |
| 66.90  | 301.0     |
| 68.00  | 8990.0    |
| 69.10  | 10280.0   |
| 70.00  | 474.0     |
| 72.00  | 1050.0    |
| 73.10  | 5322.0    |
| 74.10  | 15369.0   |
| 75.10  | 43136.0   |
| 76.10  | 3413.0    |
| 77.10  | 441.0     |
| 78.20  | 457.0     |
| 78.90  | 3787.0    |
| 80.00  | 1136.0    |
| 80.90  | 5016.0    |
| 81.90  | 1075.0    |
| 87.10  | 3640.0    |
| 88.00  | 5248.0    |
| 91.10  | 768.0     |
| 92.10  | 3197.0    |
| 93.10  | 4385.0    |
| 94.10  | 11485.0   |
| 95.10  | 88008.0   |
| 96.10  | 6328.0    |
| 102.80 | 366.0     |
| 103.90 | 761.0     |
| 104.70 | 241.0     |
| 105.90 | 670.0     |
| 112.90 | 199.0     |
| 116.00 | 492.0     |
| 117.00 | 1077.0    |
| 118.00 | 474.0     |
| 118.90 | 795.0     |
| 125.10 | 216.0     |
| 127.80 | 276.0     |
| 129.90 | 411.0     |
| 133.00 | 1014.0    |
| 133.70 | 227.0     |
| 135.10 | 288.0     |
| 136.80 | 169.0     |
| 140.90 | 1253.0    |
| 143.00 | 1260.0    |
| 145.00 | 306.0     |
| 147.80 | 327.0     |
| 154.90 | 264.0     |
| 160.70 | 382.0     |
| 162.90 | 294.0     |
| 165.00 | 162.0     |
| 170.90 | 409.0     |
| 172.00 | 755.0     |
| 172.90 | 593.0     |
| 174.00 | 85504.0   |
| 175.00 | 5082.0    |
| 176.00 | 82704.0   |
| 177.00 | 4734.0    |
| 178.20 | 235.0     |
| 191.00 | 455.0     |
| 192.80 | 1028.0    |
| 193.20 | 928.0     |
| 193.90 | 181.0     |
| 194.90 | 218.0     |
| 195.20 | 189.0     |
| 206.90 | 456.0     |
| 221.10 | 165.0     |
| 249.00 | 630.0     |
| 251.10 | 262.0     |
| 265.10 | 274.0     |
| 281.20 | 6971.0    |
| 282.20 | 1481.0    |
| 283.20 | 1322.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB161

283.90

157.0

**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
BFB161