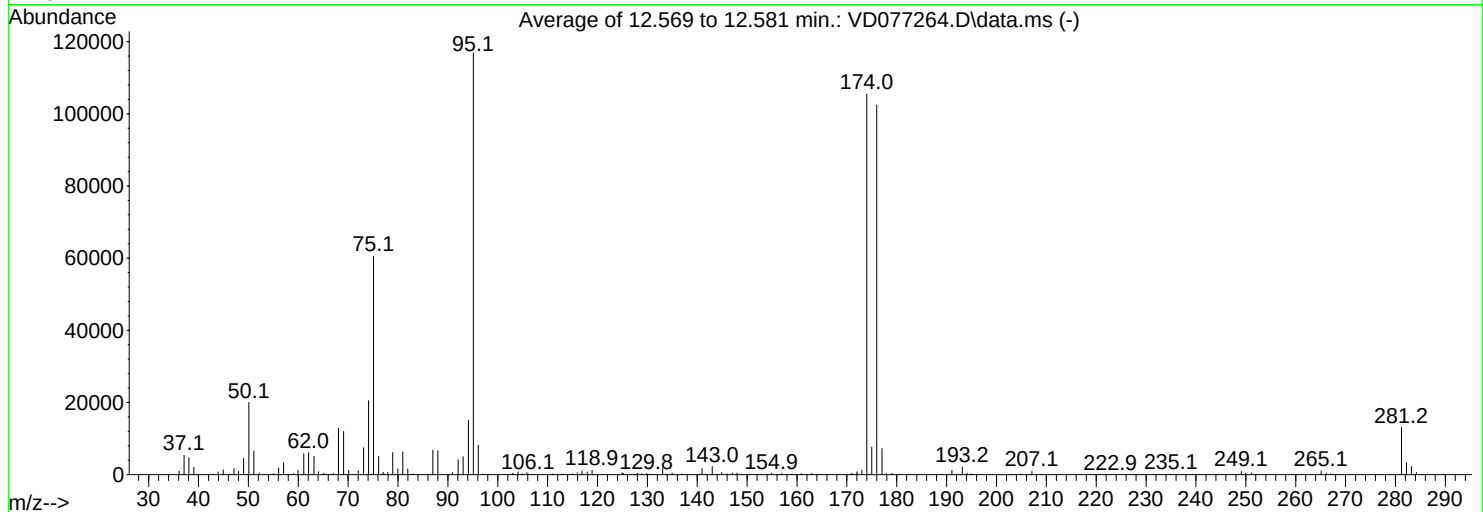
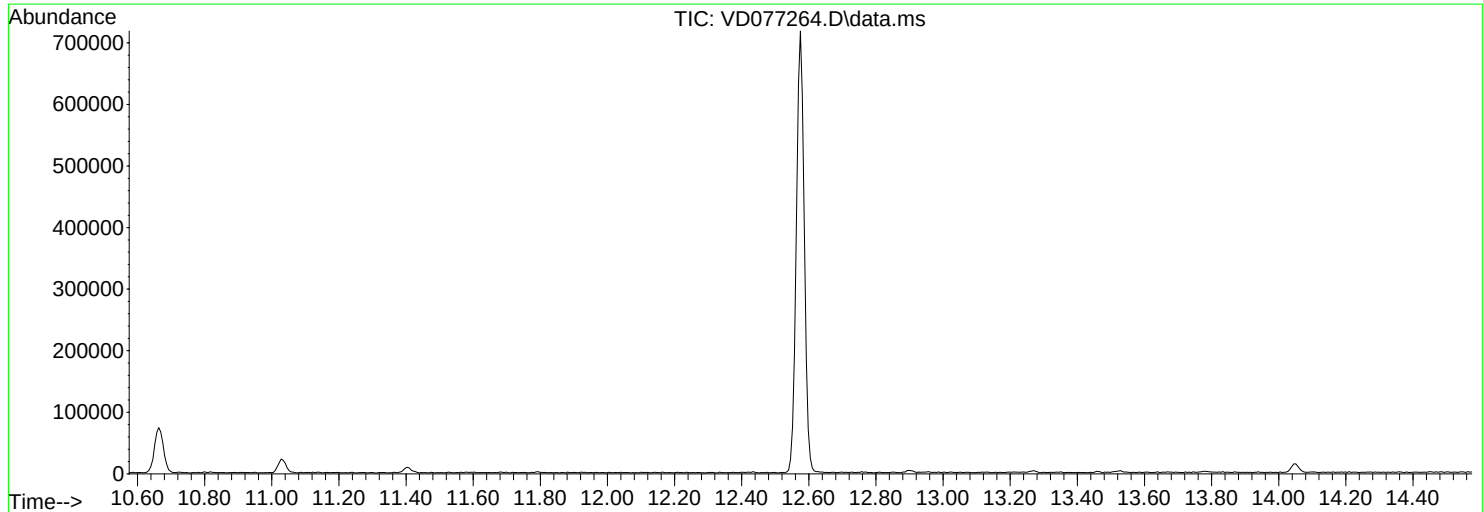


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100423\  
Data File : VD077264.D  
Acq On : 04 Oct 2023 09:33  
Operator : JC/SY  
Sample : BFB167  
Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM092523SMA.M  
Title : SFAM01.0  
Last Update : Wed Oct 04 22:27:10 2023



AutoFind: Scans 1867, 1868, 1869; Background Corrected with Scan 1859

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 50             | 95              | 15              | 40              | 17.1         | 20013      | PASS                |
| 75             | 95              | 30              | 80              | 51.8         | 60525      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 116899     | PASS                |
| 96             | 95              | 5               | 9               | 7.0          | 8143       | PASS                |
| 173            | 174             | 0.00            | 2               | 1.2          | 1248       | PASS                |
| 174            | 95              | 50              | 120             | 90.2         | 105419     | PASS                |
| 175            | 174             | 5               | 9               | 7.3          | 7664       | PASS                |
| 176            | 174             | 95              | 105             | 97.1         | 102397     | PASS                |
| 177            | 176             | 5               | 10              | 7.1          | 7238       | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 38.00 | 158.0     |
| 40.00 | 1396.0    |
| 43.90 | 868.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1075.0    |
| 37.10  | 5479.0    |
| 38.10  | 5366.0    |
| 39.10  | 1943.0    |
| 39.90  | 1818.0    |
| 44.00  | 1583.0    |
| 45.00  | 1567.0    |
| 46.00  | 247.0     |
| 47.10  | 1497.0    |
| 48.10  | 926.0     |
| 49.00  | 4319.0    |
| 50.10  | 19656.0   |
| 51.10  | 6088.0    |
| 52.20  | 380.0     |
| 55.10  | 417.0     |
| 56.00  | 1677.0    |
| 57.10  | 3362.0    |
| 59.00  | 377.0     |
| 59.90  | 1268.0    |
| 61.10  | 5554.0    |
| 62.10  | 6667.0    |
| 63.20  | 4797.0    |
| 64.10  | 890.0     |
| 65.00  | 363.0     |
| 67.00  | 269.0     |
| 68.10  | 13555.0   |
| 69.10  | 10494.0   |
| 70.10  | 1285.0    |
| 72.00  | 1242.0    |
| 73.10  | 7321.0    |
| 74.10  | 19376.0   |
| 75.10  | 61656.0   |
| 76.20  | 5577.0    |
| 77.00  | 1046.0    |
| 77.90  | 503.0     |
| 78.90  | 4943.0    |
| 80.00  | 1572.0    |
| 80.90  | 5695.0    |
| 81.90  | 1949.0    |
| 83.10  | 196.0     |
| 86.20  | 172.0     |
| 87.10  | 7064.0    |
| 88.00  | 6683.0    |
| 90.90  | 664.0     |
| 92.10  | 4357.0    |
| 93.00  | 4836.0    |
| 94.10  | 13908.0   |
| 95.10  | 115640.0  |
| 96.10  | 8705.0    |
| 97.00  | 182.0     |
| 102.90 | 478.0     |
| 104.10 | 688.0     |
| 104.80 | 362.0     |
| 105.90 | 733.0     |
| 107.00 | 173.0     |
| 111.00 | 293.0     |
| 112.00 | 280.0     |
| 112.80 | 207.0     |
| 115.00 | 282.0     |
| 115.90 | 564.0     |
| 116.90 | 847.0     |
| 118.00 | 765.0     |
| 118.80 | 1236.0    |
| 124.10 | 187.0     |
| 124.90 | 779.0     |
| 128.10 | 386.0     |
| 128.80 | 209.0     |
| 129.80 | 508.0     |
| 130.90 | 244.0     |
| 133.20 | 1454.0    |
| 134.90 | 430.0     |
| 141.10 | 1663.0    |
| 141.80 | 243.0     |
| 143.00 | 1959.0    |
| 144.00 | 195.0     |
| 144.90 | 779.0     |
| 145.90 | 252.0     |
| 147.20 | 396.0     |
| 148.00 | 213.0     |
| 148.80 | 227.0     |
| 154.00 | 200.0     |
| 155.00 | 553.0     |
| 156.90 | 366.0     |
| 159.00 | 258.0     |
| 160.80 | 177.0     |
| 163.00 | 502.0     |
| 165.00 | 165.0     |
| 170.00 | 167.0     |
| 170.90 | 355.0     |
| 171.10 | 367.0     |
| 171.90 | 934.0     |
| 173.10 | 1254.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

|        |          |
|--------|----------|
| 174.00 | 100512.0 |
| 175.00 | 6853.0   |
| 176.00 | 97984.0  |
| 177.10 | 7327.0   |
| 178.00 | 436.0    |
| 191.10 | 1232.0   |
| 191.90 | 215.0    |
| 193.20 | 1364.0   |
| 194.20 | 355.0    |
| 194.90 | 182.0    |
| 207.10 | 484.0    |
| 208.30 | 161.0    |
| 249.00 | 442.0    |
| 249.90 | 205.0    |
| 251.20 | 301.0    |
| 265.10 | 813.0    |
| 266.10 | 270.0    |
| 267.10 | 181.0    |
| 281.20 | 10028.0  |
| 282.20 | 2662.0   |
| 283.20 | 1585.0   |
| 284.40 | 163.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1214.0    |
| 37.10  | 5709.0    |
| 38.10  | 5089.0    |
| 39.00  | 1928.0    |
| 39.90  | 1316.0    |
| 42.00  | 186.0     |
| 43.00  | 236.0     |
| 44.10  | 1618.0    |
| 45.00  | 1358.0    |
| 46.20  | 473.0     |
| 47.00  | 1517.0    |
| 47.90  | 921.0     |
| 49.10  | 4774.0    |
| 50.10  | 23496.0   |
| 51.10  | 7421.0    |
| 52.20  | 354.0     |
| 54.00  | 326.0     |
| 55.00  | 322.0     |
| 56.10  | 2240.0    |
| 57.10  | 3312.0    |
| 58.20  | 271.0     |
| 59.00  | 361.0     |
| 59.90  | 1155.0    |
| 61.10  | 6520.0    |
| 62.00  | 6080.0    |
| 63.10  | 5497.0    |
| 64.00  | 822.0     |
| 65.20  | 780.0     |
| 67.10  | 281.0     |
| 68.10  | 13112.0   |
| 69.10  | 14382.0   |
| 70.10  | 1094.0    |
| 72.10  | 1154.0    |
| 73.10  | 8033.0    |
| 74.10  | 24160.0   |
| 75.10  | 65488.0   |
| 76.00  | 5620.0    |
| 77.20  | 663.0     |
| 78.00  | 517.0     |
| 79.00  | 7037.0    |
| 80.00  | 1824.0    |
| 81.00  | 7525.0    |
| 82.00  | 1569.0    |
| 82.90  | 259.0     |
| 85.80  | 198.0     |
| 87.00  | 7494.0    |
| 88.00  | 7324.0    |
| 91.00  | 515.0     |
| 92.10  | 4277.0    |
| 93.10  | 5914.0    |
| 94.10  | 16150.0   |
| 95.10  | 127440.0  |
| 96.10  | 8173.0    |
| 103.00 | 466.0     |
| 104.00 | 886.0     |
| 105.00 | 381.0     |
| 105.80 | 855.0     |
| 107.00 | 259.0     |
| 108.10 | 153.0     |
| 109.80 | 204.0     |
| 110.90 | 208.0     |
| 111.90 | 233.0     |
| 112.60 | 189.0     |
| 113.20 | 233.0     |
| 114.90 | 237.0     |
| 116.00 | 663.0     |
| 116.80 | 1167.0    |
| 117.90 | 802.0     |
| 118.90 | 1291.0    |
| 124.10 | 195.0     |
| 125.00 | 794.0     |
| 126.30 | 174.0     |
| 128.00 | 592.0     |
| 128.90 | 213.0     |
| 129.90 | 397.0     |
| 130.70 | 176.0     |
| 133.00 | 1913.0    |
| 133.90 | 519.0     |
| 135.00 | 416.0     |
| 136.80 | 441.0     |
| 140.90 | 1929.0    |
| 141.80 | 244.0     |
| 143.00 | 2977.0    |
| 145.00 | 590.0     |
| 146.10 | 266.0     |
| 147.00 | 565.0     |
| 147.90 | 636.0     |
| 148.90 | 161.0     |
| 153.00 | 170.0     |
| 154.80 | 500.0     |
| 157.00 | 400.0     |
| 159.00 | 210.0     |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

|        |          |
|--------|----------|
| 160.80 | 423.0    |
| 163.00 | 241.0    |
| 170.90 | 498.0    |
| 172.10 | 1438.0   |
| 173.00 | 1496.0   |
| 174.00 | 113960.0 |
| 175.00 | 8972.0   |
| 176.00 | 112160.0 |
| 177.00 | 7870.0   |
| 178.00 | 196.0    |
| 179.00 | 601.0    |
| 189.20 | 155.0    |
| 191.10 | 1110.0   |
| 192.10 | 190.0    |
| 193.10 | 2537.0   |
| 193.80 | 433.0    |
| 194.90 | 440.0    |
| 203.00 | 180.0    |
| 204.80 | 612.0    |
| 207.10 | 1232.0   |
| 207.90 | 156.0    |
| 222.90 | 153.0    |
| 235.00 | 151.0    |
| 249.10 | 1276.0   |
| 250.00 | 381.0    |
| 251.10 | 883.0    |
| 265.10 | 1087.0   |
| 266.20 | 328.0    |
| 267.10 | 187.0    |
| 281.20 | 14850.0  |
| 282.20 | 3472.0   |
| 283.20 | 2372.0   |
| 284.20 | 758.0    |
| 285.30 | 184.0    |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 698.0     |
| 37.10  | 4931.0    |
| 38.10  | 4160.0    |
| 39.00  | 2286.0    |
| 40.00  | 1564.0    |
| 43.10  | 240.0     |
| 44.10  | 1612.0    |
| 44.90  | 1062.0    |
| 47.20  | 2003.0    |
| 48.00  | 756.0     |
| 49.00  | 4488.0    |
| 50.10  | 16888.0   |
| 51.10  | 6054.0    |
| 52.10  | 546.0     |
| 54.90  | 191.0     |
| 56.00  | 1538.0    |
| 57.00  | 3321.0    |
| 59.20  | 425.0     |
| 60.00  | 1042.0    |
| 61.10  | 5296.0    |
| 62.00  | 5427.0    |
| 63.10  | 5007.0    |
| 64.00  | 694.0     |
| 65.10  | 469.0     |
| 67.10  | 332.0     |
| 68.00  | 11924.0   |
| 69.10  | 11086.0   |
| 70.10  | 1210.0    |
| 72.10  | 690.0     |
| 73.10  | 6949.0    |
| 74.10  | 17872.0   |
| 75.10  | 54432.0   |
| 76.10  | 3979.0    |
| 77.00  | 981.0     |
| 77.90  | 823.0     |
| 78.90  | 6361.0    |
| 79.90  | 1437.0    |
| 81.00  | 5645.0    |
| 82.00  | 1163.0    |
| 83.10  | 209.0     |
| 85.90  | 214.0     |
| 86.90  | 5758.0    |
| 88.00  | 5762.0    |
| 91.00  | 543.0     |
| 92.00  | 3743.0    |
| 93.00  | 4189.0    |
| 94.10  | 15159.0   |
| 95.10  | 107616.0  |
| 96.10  | 7550.0    |
| 97.00  | 203.0     |
| 103.20 | 628.0     |
| 104.00 | 685.0     |
| 105.00 | 175.0     |
| 106.10 | 674.0     |
| 110.00 | 162.0     |
| 110.90 | 193.0     |
| 113.00 | 253.0     |
| 115.10 | 321.0     |
| 115.90 | 404.0     |
| 117.00 | 1203.0    |
| 118.00 | 646.0     |
| 119.00 | 1196.0    |
| 121.00 | 206.0     |
| 125.20 | 994.0     |
| 125.70 | 192.0     |
| 127.80 | 504.0     |
| 129.00 | 228.0     |
| 130.10 | 480.0     |
| 131.90 | 190.0     |
| 133.00 | 1754.0    |
| 134.10 | 413.0     |
| 134.90 | 417.0     |
| 136.90 | 168.0     |
| 140.90 | 1428.0    |
| 143.00 | 1776.0    |
| 144.80 | 416.0     |
| 146.00 | 250.0     |
| 147.00 | 397.0     |
| 148.00 | 330.0     |
| 148.90 | 167.0     |
| 149.90 | 158.0     |
| 152.90 | 221.0     |
| 157.00 | 185.0     |
| 160.90 | 172.0     |
| 162.90 | 305.0     |
| 165.00 | 231.0     |
| 170.90 | 265.0     |
| 172.00 | 906.0     |
| 172.90 | 994.0     |
| 174.00 | 101784.0  |
| 175.00 | 7166.0    |
| 176.00 | 97048.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167

|        |         |
|--------|---------|
| 177.00 | 6517.0  |
| 177.90 | 405.0   |
| 179.10 | 563.0   |
| 179.80 | 167.0   |
| 190.90 | 1279.0  |
| 192.00 | 273.0   |
| 193.10 | 2359.0  |
| 194.10 | 742.0   |
| 195.10 | 437.0   |
| 202.90 | 161.0   |
| 205.00 | 213.0   |
| 207.10 | 1222.0  |
| 207.90 | 304.0   |
| 209.10 | 181.0   |
| 235.10 | 162.0   |
| 249.20 | 976.0   |
| 249.90 | 294.0   |
| 250.10 | 291.0   |
| 251.20 | 349.0   |
| 265.10 | 1250.0  |
| 266.10 | 415.0   |
| 267.00 | 326.0   |
| 267.30 | 308.0   |
| 268.00 | 158.0   |
| 281.20 | 14313.0 |
| 282.20 | 3741.0  |
| 283.20 | 2905.0  |
| 284.10 | 760.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
BFB167