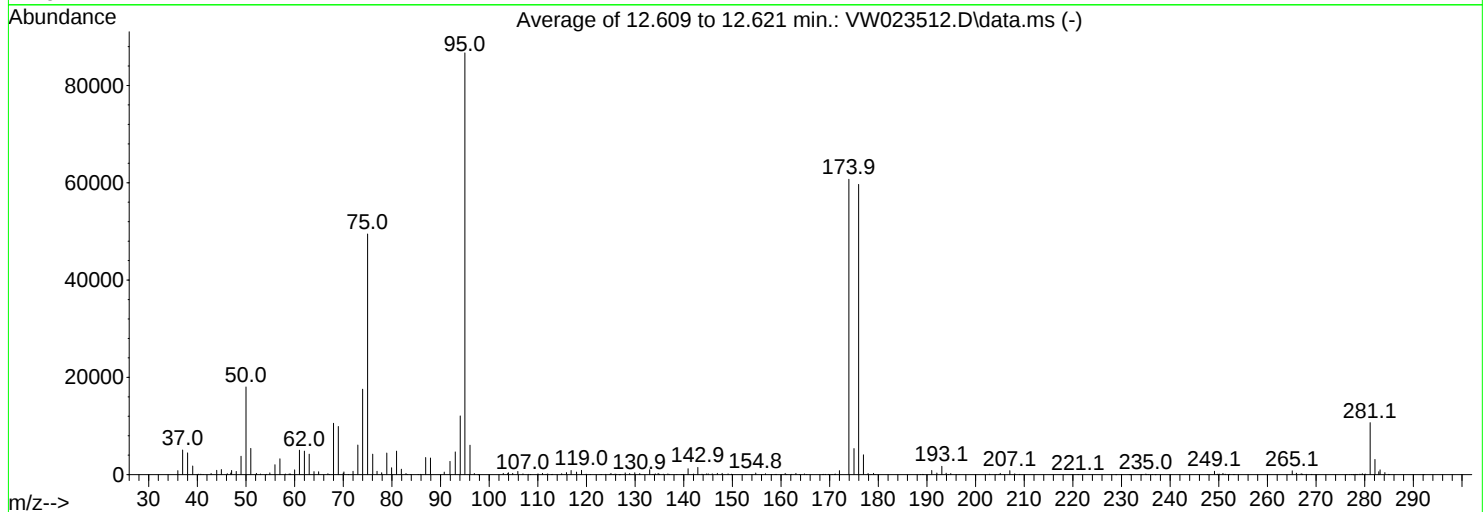
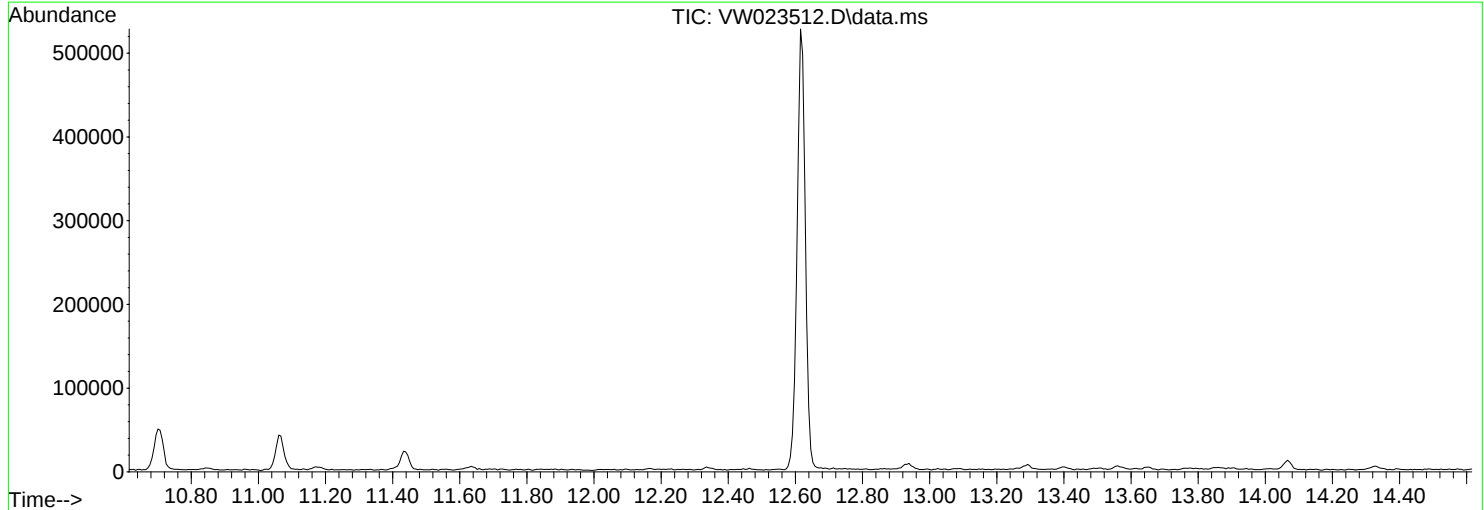


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062422\  
Data File : VW023512.D  
Acq On : 24 Jun 2022 08:19  
Operator : SY/VA  
Sample : BFB576  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
Title : SFAM01.0  
Last Update : Fri Jun 24 23:29:48 2022



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1749

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw   | Result    |
|--------|---------|--------|--------|-------|-------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn   | Pass/Fail |
| 50     | 95      | 15     | 40     | 20.8  | 18038 | PASS      |
| 75     | 95      | 30     | 80     | 57.1  | 49477 | PASS      |
| 95     | 95      | 100    | 100    | 100.0 | 86709 | PASS      |
| 96     | 95      | 5      | 9      | 7.0   | 6046  | PASS      |
| 173    | 174     | 0.00   | 2      | 0.0   | 0     | PASS      |
| 174    | 95      | 50     | 120    | 70.0  | 60720 | PASS      |
| 175    | 174     | 5      | 9      | 8.8   | 5370  | PASS      |
| 176    | 174     | 95     | 105    | 98.2  | 59653 | PASS      |
| 177    | 176     | 5      | 10     | 6.8   | 4070  | PASS      |

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 215.0     |
| 37.40  | 88.0      |
| 38.20  | 134.0     |
| 39.10  | 98.0      |
| 39.90  | 317.0     |
| 41.90  | 88.0      |
| 42.30  | 64.0      |
| 43.10  | 61.0      |
| 44.20  | 194.0     |
| 44.80  | 58.0      |
| 45.30  | 73.0      |
| 45.90  | 100.0     |
| 52.90  | 53.0      |
| 55.00  | 65.0      |
| 61.40  | 58.0      |
| 65.80  | 56.0      |
| 67.30  | 91.0      |
| 73.00  | 87.0      |
| 78.30  | 73.0      |
| 86.40  | 56.0      |
| 112.90 | 69.0      |
| 117.00 | 72.0      |
| 120.50 | 52.0      |
| 173.50 | 99.0      |
| 202.40 | 70.0      |
| 250.10 | 53.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 894.0     |
| 37.00  | 4623.0    |
| 38.00  | 3947.0    |
| 39.00  | 1735.0    |
| 40.00  | 226.0     |
| 42.20  | 87.0      |
| 42.90  | 202.0     |
| 44.00  | 1017.0    |
| 45.00  | 1097.0    |
| 46.20  | 192.0     |
| 46.90  | 997.0     |
| 48.10  | 639.0     |
| 49.00  | 3228.0    |
| 50.00  | 15139.0   |
| 51.00  | 3957.0    |
| 52.10  | 309.0     |
| 53.00  | 220.0     |
| 54.30  | 145.0     |
| 55.00  | 319.0     |
| 55.90  | 1967.0    |
| 57.00  | 2648.0    |
| 58.10  | 170.0     |
| 58.90  | 459.0     |
| 60.00  | 1011.0    |
| 61.00  | 4522.0    |
| 62.00  | 4183.0    |
| 63.00  | 3867.0    |
| 63.90  | 671.0     |
| 65.00  | 635.0     |
| 66.00  | 60.0      |
| 66.80  | 232.0     |
| 68.00  | 9278.0    |
| 69.00  | 8220.0    |
| 70.00  | 1040.0    |
| 71.00  | 75.0      |
| 72.00  | 742.0     |
| 73.10  | 5945.0    |
| 74.00  | 14692.0   |
| 75.00  | 41512.0   |
| 76.00  | 3185.0    |
| 76.90  | 668.0     |
| 78.00  | 341.0     |
| 78.90  | 4040.0    |
| 79.90  | 1184.0    |
| 80.90  | 4308.0    |
| 81.90  | 929.0     |
| 83.00  | 160.0     |
| 83.90  | 66.0      |
| 86.90  | 2554.0    |
| 88.00  | 2513.0    |
| 90.80  | 399.0     |
| 92.00  | 2251.0    |
| 93.10  | 3999.0    |
| 94.10  | 9607.0    |
| 95.00  | 70296.0   |
| 96.10  | 4931.0    |
| 97.00  | 245.0     |
| 102.90 | 387.0     |
| 103.80 | 603.0     |
| 104.80 | 191.0     |
| 105.80 | 781.0     |
| 107.10 | 149.0     |
| 108.10 | 70.0      |
| 110.00 | 248.0     |
| 111.00 | 219.0     |
| 111.70 | 195.0     |
| 112.10 | 200.0     |
| 112.80 | 111.0     |
| 115.00 | 277.0     |
| 115.90 | 375.0     |
| 116.90 | 754.0     |
| 117.90 | 474.0     |
| 119.00 | 1108.0    |
| 119.90 | 94.0      |
| 123.10 | 142.0     |
| 125.10 | 556.0     |
| 125.90 | 185.0     |
| 126.20 | 183.0     |
| 127.00 | 80.0      |
| 128.00 | 374.0     |
| 129.10 | 199.0     |
| 130.00 | 352.0     |
| 130.90 | 270.0     |
| 133.00 | 1341.0    |
| 134.10 | 295.0     |
| 134.70 | 360.0     |
| 135.90 | 94.0      |
| 137.00 | 178.0     |
| 139.90 | 51.0      |
| 140.90 | 924.0     |
| 142.00 | 234.0     |
| 142.90 | 1206.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

|        |         |
|--------|---------|
| 144.00 | 106.0   |
| 145.10 | 272.0   |
| 145.90 | 143.0   |
| 146.90 | 356.0   |
| 147.80 | 212.0   |
| 149.20 | 162.0   |
| 149.90 | 128.0   |
| 154.80 | 212.0   |
| 156.90 | 209.0   |
| 158.10 | 93.0    |
| 158.80 | 207.0   |
| 160.80 | 378.0   |
| 163.10 | 391.0   |
| 163.80 | 84.0    |
| 164.70 | 89.0    |
| 169.10 | 85.0    |
| 171.00 | 222.0   |
| 171.90 | 638.0   |
| 173.90 | 42536.0 |
| 175.00 | 3260.0  |
| 175.90 | 41360.0 |
| 177.00 | 2988.0  |
| 177.90 | 341.0   |
| 179.00 | 451.0   |
| 189.10 | 247.0   |
| 191.10 | 1145.0  |
| 192.10 | 432.0   |
| 193.10 | 2604.0  |
| 194.00 | 469.0   |
| 194.90 | 288.0   |
| 196.10 | 72.0    |
| 202.90 | 157.0   |
| 204.20 | 102.0   |
| 205.10 | 388.0   |
| 205.90 | 117.0   |
| 207.10 | 1085.0  |
| 208.00 | 237.0   |
| 209.00 | 140.0   |
| 228.80 | 55.0    |
| 231.70 | 53.0    |
| 235.00 | 254.0   |
| 236.90 | 53.0    |
| 249.10 | 951.0   |
| 250.10 | 298.0   |
| 250.90 | 432.0   |
| 251.90 | 72.0    |
| 253.00 | 88.0    |
| 265.10 | 1050.0  |
| 266.00 | 464.0   |
| 267.20 | 336.0   |
| 268.00 | 111.0   |
| 269.10 | 120.0   |
| 276.30 | 71.0    |
| 277.30 | 126.0   |
| 278.20 | 89.0    |
| 279.00 | 331.0   |
| 279.50 | 301.0   |
| 281.10 | 14194.0 |
| 282.10 | 4345.0  |
| 282.90 | 1800.0  |
| 284.20 | 636.0   |
| 284.90 | 233.0   |
| 292.00 | 54.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 1308.0    |
| 37.00  | 5189.0    |
| 38.00  | 5128.0    |
| 39.00  | 2106.0    |
| 40.20  | 313.0     |
| 40.80  | 104.0     |
| 41.70  | 116.0     |
| 42.80  | 313.0     |
| 44.00  | 1209.0    |
| 45.00  | 1412.0    |
| 46.20  | 209.0     |
| 47.10  | 1394.0    |
| 47.90  | 705.0     |
| 49.00  | 3971.0    |
| 50.00  | 20320.0   |
| 51.00  | 6697.0    |
| 52.20  | 214.0     |
| 53.10  | 127.0     |
| 54.80  | 561.0     |
| 56.00  | 2282.0    |
| 57.00  | 3432.0    |
| 58.20  | 168.0     |
| 59.10  | 289.0     |
| 60.00  | 965.0     |
| 61.00  | 5446.0    |
| 62.00  | 5382.0    |
| 63.00  | 4950.0    |
| 64.00  | 649.0     |
| 65.00  | 602.0     |
| 65.90  | 90.0      |
| 66.90  | 345.0     |
| 68.00  | 11344.0   |
| 69.00  | 11660.0   |
| 70.20  | 715.0     |
| 71.10  | 56.0      |
| 71.90  | 795.0     |
| 73.10  | 6427.0    |
| 74.00  | 19904.0   |
| 75.00  | 55696.0   |
| 76.00  | 4876.0    |
| 77.00  | 709.0     |
| 77.80  | 484.0     |
| 78.90  | 4828.0    |
| 80.00  | 1434.0    |
| 81.00  | 5175.0    |
| 82.00  | 1133.0    |
| 82.80  | 171.0     |
| 83.20  | 148.0     |
| 83.90  | 56.0      |
| 85.40  | 68.0      |
| 86.90  | 4230.0    |
| 88.00  | 4234.0    |
| 90.70  | 640.0     |
| 91.90  | 3169.0    |
| 93.00  | 5557.0    |
| 94.00  | 13592.0   |
| 95.00  | 95872.0   |
| 96.00  | 7012.0    |
| 96.90  | 254.0     |
| 97.70  | 51.0      |
| 102.80 | 222.0     |
| 104.00 | 618.0     |
| 104.90 | 208.0     |
| 105.90 | 643.0     |
| 106.90 | 195.0     |
| 108.10 | 135.0     |
| 110.10 | 149.0     |
| 110.90 | 362.0     |
| 112.00 | 166.0     |
| 112.80 | 193.0     |
| 114.90 | 194.0     |
| 115.90 | 598.0     |
| 116.80 | 1044.0    |
| 117.90 | 671.0     |
| 119.00 | 800.0     |
| 120.00 | 120.0     |
| 124.00 | 123.0     |
| 125.00 | 283.0     |
| 125.90 | 135.0     |
| 127.90 | 364.0     |
| 128.90 | 347.0     |
| 129.90 | 443.0     |
| 130.90 | 131.0     |
| 133.00 | 992.0     |
| 133.70 | 228.0     |
| 134.20 | 108.0     |
| 135.00 | 325.0     |
| 135.70 | 62.0      |
| 136.70 | 202.0     |
| 138.60 | 72.0      |
| 139.60 | 83.0      |
| 140.90 | 1407.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

|        |         |
|--------|---------|
| 142.90 | 1719.0  |
| 143.70 | 169.0   |
| 144.80 | 259.0   |
| 145.90 | 239.0   |
| 146.90 | 302.0   |
| 147.90 | 214.0   |
| 149.10 | 223.0   |
| 149.80 | 130.0   |
| 154.70 | 259.0   |
| 156.90 | 147.0   |
| 158.10 | 61.0    |
| 159.00 | 85.0    |
| 160.90 | 237.0   |
| 162.10 | 99.0    |
| 162.90 | 212.0   |
| 164.80 | 245.0   |
| 168.60 | 72.0    |
| 169.10 | 118.0   |
| 169.80 | 157.0   |
| 171.20 | 210.0   |
| 172.00 | 942.0   |
| 174.00 | 68344.0 |
| 175.00 | 6475.0  |
| 175.90 | 68512.0 |
| 177.00 | 4536.0  |
| 177.90 | 196.0   |
| 179.00 | 380.0   |
| 189.30 | 110.0   |
| 190.90 | 1003.0  |
| 192.00 | 223.0   |
| 193.00 | 1517.0  |
| 193.80 | 277.0   |
| 194.90 | 269.0   |
| 196.60 | 79.0    |
| 202.90 | 96.0    |
| 205.00 | 363.0   |
| 207.00 | 895.0   |
| 208.10 | 178.0   |
| 209.10 | 77.0    |
| 221.10 | 85.0    |
| 235.00 | 197.0   |
| 235.60 | 71.0    |
| 236.30 | 90.0    |
| 249.20 | 666.0   |
| 249.70 | 354.0   |
| 250.10 | 204.0   |
| 250.80 | 379.0   |
| 251.90 | 59.0    |
| 253.30 | 68.0    |
| 265.10 | 729.0   |
| 265.90 | 255.0   |
| 266.90 | 349.0   |
| 268.10 | 83.0    |
| 269.10 | 69.0    |
| 276.90 | 152.0   |
| 278.10 | 98.0    |
| 278.50 | 139.0   |
| 279.50 | 341.0   |
| 280.10 | 400.0   |
| 281.10 | 11017.0 |
| 282.10 | 3161.0  |
| 283.10 | 1829.0  |
| 284.10 | 452.0   |
| 285.10 | 97.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 894.0     |
| 37.00  | 5367.0    |
| 38.00  | 4762.0    |
| 39.10  | 1775.0    |
| 40.00  | 244.0     |
| 40.70  | 204.0     |
| 41.20  | 115.0     |
| 41.70  | 105.0     |
| 42.90  | 171.0     |
| 44.00  | 993.0     |
| 45.10  | 831.0     |
| 46.00  | 158.0     |
| 47.00  | 1181.0    |
| 48.00  | 637.0     |
| 49.00  | 4120.0    |
| 50.00  | 18656.0   |
| 51.00  | 5547.0    |
| 52.10  | 255.0     |
| 53.00  | 174.0     |
| 54.10  | 93.0      |
| 55.00  | 412.0     |
| 56.00  | 1829.0    |
| 57.00  | 3715.0    |
| 58.00  | 111.0     |
| 59.20  | 165.0     |
| 60.00  | 1008.0    |
| 61.00  | 5123.0    |
| 62.00  | 4996.0    |
| 63.00  | 3849.0    |
| 64.10  | 549.0     |
| 64.90  | 584.0     |
| 67.10  | 363.0     |
| 68.00  | 11063.0   |
| 69.00  | 9869.0    |
| 70.10  | 936.0     |
| 72.10  | 586.0     |
| 73.00  | 6142.0    |
| 74.00  | 18136.0   |
| 75.00  | 51224.0   |
| 76.10  | 4565.0    |
| 77.00  | 662.0     |
| 77.90  | 376.0     |
| 79.00  | 4429.0    |
| 79.90  | 1647.0    |
| 80.90  | 4983.0    |
| 81.90  | 1253.0    |
| 82.90  | 386.0     |
| 85.40  | 83.0      |
| 85.90  | 156.0     |
| 87.00  | 3834.0    |
| 87.90  | 3569.0    |
| 90.80  | 508.0     |
| 92.00  | 2771.0    |
| 93.10  | 4486.0    |
| 94.00  | 13051.0   |
| 95.00  | 93960.0   |
| 96.10  | 6195.0    |
| 96.90  | 216.0     |
| 103.00 | 232.0     |
| 103.90 | 623.0     |
| 104.90 | 355.0     |
| 106.00 | 584.0     |
| 106.80 | 141.0     |
| 108.50 | 64.0      |
| 110.00 | 127.0     |
| 110.90 | 167.0     |
| 112.00 | 152.0     |
| 113.00 | 165.0     |
| 114.80 | 95.0      |
| 115.90 | 362.0     |
| 116.90 | 940.0     |
| 118.00 | 429.0     |
| 119.00 | 771.0     |
| 119.90 | 52.0      |
| 120.80 | 122.0     |
| 122.80 | 60.0      |
| 123.90 | 112.0     |
| 124.80 | 198.0     |
| 125.50 | 64.0      |
| 125.90 | 96.0      |
| 126.70 | 52.0      |
| 127.90 | 366.0     |
| 128.80 | 168.0     |
| 129.90 | 397.0     |
| 131.00 | 312.0     |
| 132.90 | 714.0     |
| 134.10 | 109.0     |
| 134.80 | 475.0     |
| 135.80 | 125.0     |
| 136.80 | 301.0     |
| 138.60 | 77.0      |
| 139.90 | 139.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576

|        |         |
|--------|---------|
| 140.90 | 1360.0  |
| 142.10 | 208.0   |
| 142.90 | 1551.0  |
| 143.80 | 127.0   |
| 144.60 | 196.0   |
| 145.00 | 233.0   |
| 145.80 | 157.0   |
| 146.90 | 149.0   |
| 148.00 | 401.0   |
| 149.00 | 134.0   |
| 149.80 | 89.0    |
| 152.80 | 67.0    |
| 154.80 | 508.0   |
| 156.70 | 240.0   |
| 159.00 | 82.0    |
| 160.80 | 201.0   |
| 161.20 | 181.0   |
| 162.10 | 68.0    |
| 163.00 | 154.0   |
| 164.90 | 177.0   |
| 165.30 | 95.0    |
| 168.80 | 163.0   |
| 169.70 | 83.0    |
| 170.50 | 82.0    |
| 171.10 | 211.0   |
| 172.10 | 930.0   |
| 174.00 | 71280.0 |
| 175.00 | 6375.0  |
| 176.00 | 69088.0 |
| 176.90 | 4686.0  |
| 177.90 | 152.0   |
| 178.50 | 68.0    |
| 179.30 | 121.0   |
| 188.70 | 85.0    |
| 191.00 | 430.0   |
| 192.10 | 317.0   |
| 193.10 | 1039.0  |
| 193.90 | 174.0   |
| 194.40 | 121.0   |
| 194.90 | 107.0   |
| 196.60 | 67.0    |
| 204.80 | 175.0   |
| 207.10 | 443.0   |
| 208.10 | 79.0    |
| 234.00 | 55.0    |
| 235.20 | 158.0   |
| 247.70 | 65.0    |
| 249.00 | 414.0   |
| 249.90 | 110.0   |
| 251.30 | 278.0   |
| 252.20 | 168.0   |
| 265.10 | 606.0   |
| 265.90 | 171.0   |
| 267.00 | 258.0   |
| 277.60 | 51.0    |
| 278.30 | 86.0    |
| 281.10 | 6907.0  |
| 282.10 | 1847.0  |
| 283.20 | 1165.0  |
| 284.10 | 211.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB576