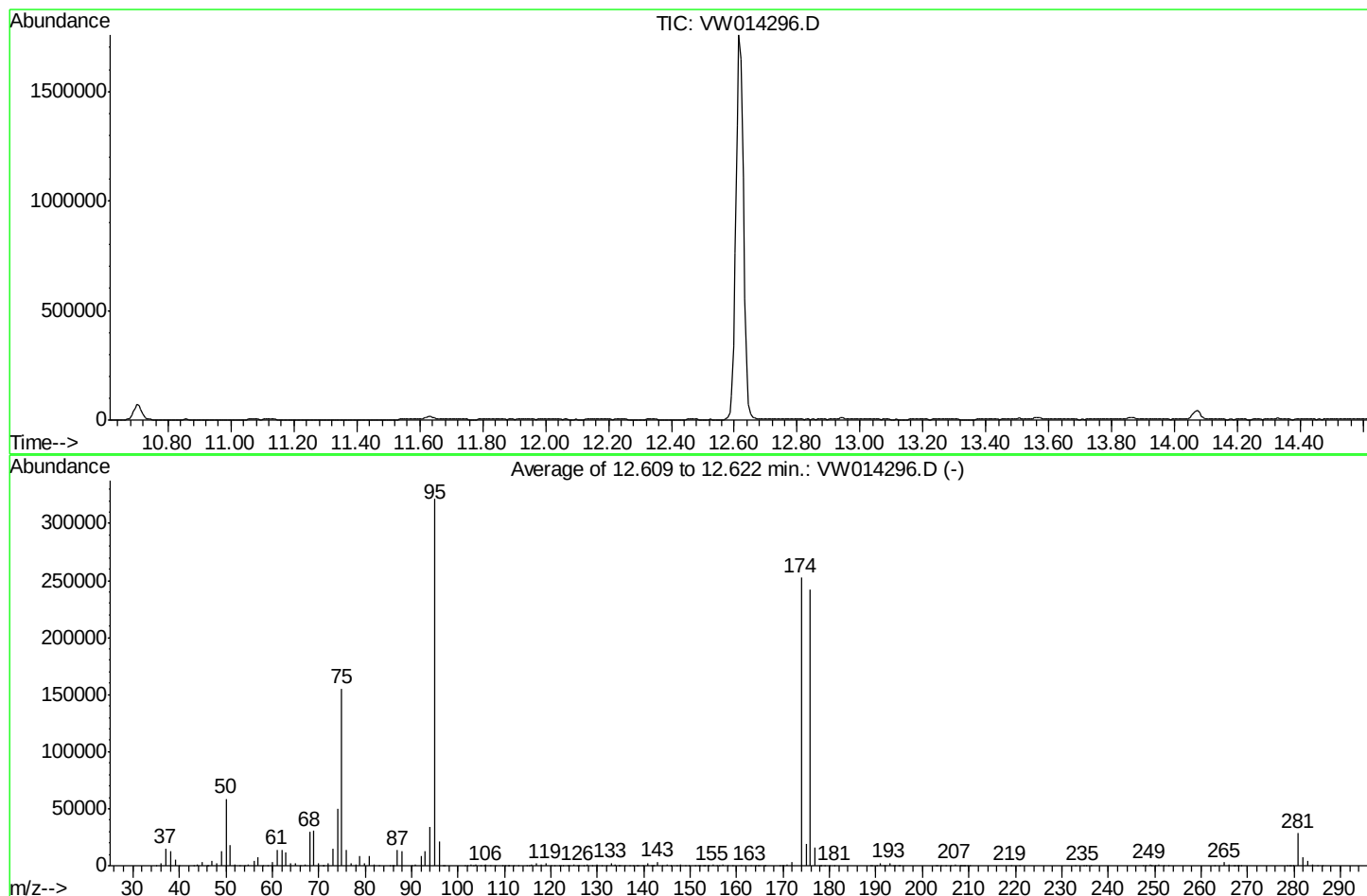


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121119\  
 Data File : VW014296.D  
 Acq On : 11 Dec 2019 09:47  
 Operator : SY/VA  
 Sample : BFB06  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB06

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Title : VOC Analysis  
 Last Update : Thu Dec 12 04:57:07 2019



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

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 18.3      | 58786   | PASS             |
| 75          | 95           | 30           | 80           | 48.2      | 155050  | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 321514  | PASS             |
| 96          | 95           | 5            | 9            | 6.5       | 20904   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 78.4      | 252202  | PASS             |
| 175         | 174          | 5            | 9            | 7.7       | 19383   | PASS             |
| 176         | 174          | 95           | 101          | 96.1      | 242432  | PASS             |
| 177         | 176          | 5            | 9            | 6.5       | 15715   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1917.0    |
| 37.00  | 13456.0   |
| 38.00  | 11817.0   |
| 39.10  | 5262.0    |
| 39.90  | 809.0     |
| 41.10  | 119.0     |
| 43.00  | 308.0     |
| 44.00  | 2112.0    |
| 45.00  | 2980.0    |
| 46.00  | 356.0     |
| 47.00  | 3661.0    |
| 48.00  | 1584.0    |
| 49.00  | 11415.0   |
| 50.00  | 53264.0   |
| 51.00  | 15218.0   |
| 52.10  | 711.0     |
| 53.00  | 254.0     |
| 55.00  | 885.0     |
| 56.00  | 3804.0    |
| 57.00  | 6399.0    |
| 57.90  | 414.0     |
| 59.00  | 464.0     |
| 60.00  | 2871.0    |
| 61.00  | 12497.0   |
| 62.00  | 12985.0   |
| 63.00  | 10532.0   |
| 64.00  | 1504.0    |
| 65.00  | 2340.0    |
| 66.10  | 231.0     |
| 67.10  | 714.0     |
| 68.00  | 25600.0   |
| 69.00  | 26520.0   |
| 70.00  | 1969.0    |
| 70.90  | 80.0      |
| 72.00  | 1774.0    |
| 73.00  | 14105.0   |
| 74.00  | 43448.0   |
| 75.00  | 133504.0  |
| 76.00  | 12003.0   |
| 77.10  | 1838.0    |
| 77.90  | 1331.0    |
| 78.90  | 7581.0    |
| 80.00  | 1865.0    |
| 80.90  | 7287.0    |
| 82.00  | 1557.0    |
| 82.90  | 62.0      |
| 85.20  | 112.0     |
| 85.90  | 415.0     |
| 87.00  | 12032.0   |
| 87.90  | 11555.0   |
| 90.80  | 876.0     |
| 92.00  | 7126.0    |
| 93.00  | 11008.0   |
| 94.00  | 27928.0   |
| 95.00  | 267904.0  |
| 96.00  | 18936.0   |
| 96.90  | 646.0     |
| 102.80 | 789.0     |
| 103.30 | 572.0     |
| 103.90 | 945.0     |
| 104.90 | 395.0     |
| 105.70 | 676.0     |
| 106.00 | 658.0     |
| 106.90 | 203.0     |
| 108.00 | 127.0     |
| 109.60 | 187.0     |
| 110.10 | 331.0     |
| 110.80 | 399.0     |
| 112.10 | 293.0     |
| 112.90 | 183.0     |
| 115.30 | 304.0     |
| 116.00 | 932.0     |
| 116.90 | 1488.0    |
| 118.00 | 1025.0    |
| 118.90 | 2303.0    |
| 119.90 | 86.0      |
| 120.80 | 64.0      |
| 122.70 | 58.0      |
| 123.60 | 163.0     |
| 124.00 | 150.0     |
| 125.00 | 1375.0    |
| 127.10 | 120.0     |
| 128.10 | 771.0     |
| 129.00 | 414.0     |
| 129.80 | 730.0     |
| 131.00 | 556.0     |
| 132.00 | 168.0     |
| 133.00 | 3402.0    |
| 133.80 | 1043.0    |
| 134.70 | 676.0     |
| 136.00 | 101.0     |
| 136.90 | 396.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 138.50 | 59.0     |
| 138.90 | 79.0     |
| 140.00 | 198.0    |
| 140.90 | 2066.0   |
| 141.70 | 142.0    |
| 143.00 | 2873.0   |
| 143.90 | 153.0    |
| 144.90 | 1120.0   |
| 145.70 | 458.0    |
| 147.00 | 576.0    |
| 147.90 | 769.0    |
| 148.90 | 422.0    |
| 149.90 | 243.0    |
| 151.70 | 119.0    |
| 153.10 | 148.0    |
| 153.80 | 148.0    |
| 154.90 | 645.0    |
| 156.20 | 205.0    |
| 156.90 | 465.0    |
| 159.00 | 373.0    |
| 160.90 | 439.0    |
| 162.90 | 399.0    |
| 164.00 | 161.0    |
| 164.90 | 391.0    |
| 165.80 | 101.0    |
| 169.00 | 146.0    |
| 169.70 | 94.0     |
| 170.90 | 738.0    |
| 172.00 | 2503.0   |
| 173.90 | 192640.0 |
| 175.00 | 15870.0  |
| 175.90 | 182720.0 |
| 176.90 | 12411.0  |
| 177.90 | 383.0    |
| 178.80 | 762.0    |
| 180.00 | 324.0    |
| 181.10 | 93.0     |
| 188.80 | 232.0    |
| 190.00 | 186.0    |
| 191.00 | 2312.0   |
| 192.10 | 777.0    |
| 193.00 | 3218.0   |
| 193.80 | 630.0    |
| 194.00 | 630.0    |
| 194.90 | 307.0    |
| 203.10 | 463.0    |
| 203.90 | 190.0    |
| 205.00 | 651.0    |
| 206.00 | 179.0    |
| 207.00 | 1968.0   |
| 208.00 | 404.0    |
| 208.90 | 117.0    |
| 210.10 | 64.0     |
| 219.00 | 164.0    |
| 220.90 | 77.0     |
| 234.70 | 382.0    |
| 236.30 | 52.0     |
| 247.50 | 53.0     |
| 249.00 | 2118.0   |
| 250.00 | 768.0    |
| 251.00 | 1047.0   |
| 252.00 | 317.0    |
| 253.00 | 165.0    |
| 263.00 | 91.0     |
| 265.00 | 4178.0   |
| 266.00 | 1014.0   |
| 266.90 | 755.0    |
| 267.90 | 206.0    |
| 268.70 | 115.0    |
| 278.60 | 197.0    |
| 279.10 | 337.0    |
| 279.80 | 477.0    |
| 281.00 | 36360.0  |
| 282.00 | 9082.0   |
| 283.00 | 5309.0   |
| 284.10 | 1482.0   |
| 285.00 | 345.0    |
| 286.00 | 53.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 91.0      |
| 36.00  | 3131.0    |
| 37.10  | 17440.0   |
| 38.00  | 13342.0   |
| 39.10  | 6363.0    |
| 40.00  | 899.0     |
| 43.00  | 423.0     |
| 44.00  | 2398.0    |
| 45.00  | 2784.0    |
| 46.00  | 384.0     |
| 47.10  | 4985.0    |
| 47.90  | 1994.0    |
| 49.00  | 14282.0   |
| 50.00  | 65016.0   |
| 51.00  | 21192.0   |
| 52.00  | 955.0     |
| 53.00  | 500.0     |
| 53.90  | 100.0     |
| 54.90  | 981.0     |
| 56.00  | 4356.0    |
| 57.00  | 8982.0    |
| 58.00  | 572.0     |
| 59.10  | 280.0     |
| 60.00  | 3143.0    |
| 61.00  | 14817.0   |
| 62.00  | 14878.0   |
| 63.00  | 14163.0   |
| 64.00  | 2076.0    |
| 65.00  | 2540.0    |
| 65.90  | 267.0     |
| 66.90  | 829.0     |
| 68.00  | 35016.0   |
| 69.00  | 34776.0   |
| 70.00  | 2104.0    |
| 70.90  | 253.0     |
| 71.90  | 2028.0    |
| 73.00  | 16744.0   |
| 74.00  | 55976.0   |
| 75.00  | 172160.0  |
| 76.00  | 15394.0   |
| 77.00  | 2670.0    |
| 78.00  | 1395.0    |
| 78.90  | 9288.0    |
| 79.90  | 2649.0    |
| 80.90  | 9333.0    |
| 81.90  | 1899.0    |
| 83.00  | 369.0     |
| 86.10  | 767.0     |
| 87.00  | 15858.0   |
| 87.90  | 15334.0   |
| 90.90  | 1141.0    |
| 92.00  | 9106.0    |
| 93.00  | 14890.0   |
| 94.00  | 39808.0   |
| 95.00  | 358656.0  |
| 96.00  | 23696.0   |
| 97.10  | 772.0     |
| 102.90 | 813.0     |
| 103.90 | 1157.0    |
| 104.90 | 621.0     |
| 105.90 | 1260.0    |
| 106.90 | 228.0     |
| 108.00 | 178.0     |
| 110.20 | 367.0     |
| 111.00 | 461.0     |
| 111.90 | 333.0     |
| 112.90 | 294.0     |
| 114.90 | 443.0     |
| 115.90 | 1135.0    |
| 117.00 | 2008.0    |
| 117.90 | 1618.0    |
| 118.90 | 2063.0    |
| 120.00 | 165.0     |
| 120.90 | 103.0     |
| 121.70 | 81.0      |
| 124.00 | 195.0     |
| 124.90 | 1150.0    |
| 125.70 | 382.0     |
| 126.10 | 342.0     |
| 127.90 | 1061.0    |
| 128.90 | 559.0     |
| 130.00 | 1061.0    |
| 130.80 | 431.0     |
| 133.00 | 2274.0    |
| 133.80 | 704.0     |
| 134.90 | 637.0     |
| 136.00 | 71.0      |
| 137.00 | 469.0     |
| 139.00 | 80.0      |
| 140.90 | 2314.0    |
| 141.90 | 501.0     |
| 143.00 | 3924.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 143.90 | 269.0    |
| 144.90 | 1701.0   |
| 145.90 | 574.0    |
| 147.00 | 394.0    |
| 147.90 | 754.0    |
| 148.90 | 408.0    |
| 149.90 | 340.0    |
| 152.00 | 161.0    |
| 153.10 | 245.0    |
| 154.90 | 796.0    |
| 156.00 | 120.0    |
| 156.90 | 604.0    |
| 158.10 | 90.0     |
| 159.00 | 473.0    |
| 160.80 | 494.0    |
| 162.90 | 462.0    |
| 164.10 | 156.0    |
| 165.00 | 360.0    |
| 166.10 | 62.0     |
| 169.10 | 98.0     |
| 169.80 | 124.0    |
| 170.20 | 109.0    |
| 170.90 | 626.0    |
| 171.90 | 3575.0   |
| 173.90 | 273344.0 |
| 175.00 | 21072.0  |
| 175.90 | 272000.0 |
| 177.00 | 17952.0  |
| 178.10 | 580.0    |
| 178.90 | 553.0    |
| 179.90 | 82.0     |
| 181.00 | 57.0     |
| 189.00 | 273.0    |
| 190.10 | 103.0    |
| 190.90 | 1674.0   |
| 191.80 | 314.0    |
| 193.00 | 2270.0   |
| 193.90 | 527.0    |
| 195.00 | 374.0    |
| 203.10 | 232.0    |
| 204.90 | 612.0    |
| 206.00 | 290.0    |
| 207.00 | 1502.0   |
| 207.90 | 284.0    |
| 208.40 | 188.0    |
| 208.90 | 173.0    |
| 209.20 | 177.0    |
| 209.80 | 52.0     |
| 219.00 | 169.0    |
| 233.00 | 63.0     |
| 234.70 | 269.0    |
| 235.30 | 69.0     |
| 248.10 | 135.0    |
| 249.00 | 2285.0   |
| 250.10 | 463.0    |
| 250.80 | 801.0    |
| 252.00 | 145.0    |
| 253.00 | 142.0    |
| 263.00 | 95.0     |
| 264.90 | 2161.0   |
| 265.90 | 984.0    |
| 266.90 | 409.0    |
| 267.20 | 391.0    |
| 268.10 | 129.0    |
| 268.60 | 92.0     |
| 279.30 | 311.0    |
| 281.00 | 29864.0  |
| 282.00 | 8382.0   |
| 283.10 | 4817.0   |
| 284.00 | 1434.0   |
| 285.00 | 442.0    |
| 286.00 | 79.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 2760.0    |
| 37.00  | 15179.0   |
| 38.00  | 11925.0   |
| 39.00  | 5495.0    |
| 40.00  | 750.0     |
| 42.10  | 79.0      |
| 42.80  | 68.0      |
| 44.00  | 2150.0    |
| 45.00  | 2534.0    |
| 46.20  | 487.0     |
| 47.10  | 4240.0    |
| 48.00  | 1782.0    |
| 49.00  | 12600.0   |
| 50.00  | 58080.0   |
| 51.00  | 17040.0   |
| 52.00  | 721.0     |
| 52.90  | 215.0     |
| 54.00  | 240.0     |
| 54.90  | 911.0     |
| 56.00  | 4228.0    |
| 57.00  | 8089.0    |
| 58.00  | 444.0     |
| 59.10  | 223.0     |
| 60.00  | 2738.0    |
| 61.00  | 14252.0   |
| 62.00  | 14588.0   |
| 63.00  | 11179.0   |
| 64.10  | 1827.0    |
| 65.00  | 2309.0    |
| 66.10  | 145.0     |
| 67.00  | 755.0     |
| 68.00  | 30112.0   |
| 69.00  | 31568.0   |
| 70.00  | 2432.0    |
| 71.10  | 244.0     |
| 72.00  | 2110.0    |
| 73.00  | 14062.0   |
| 74.00  | 49656.0   |
| 75.00  | 159488.0  |
| 76.00  | 13331.0   |
| 77.00  | 1990.0    |
| 77.90  | 1418.0    |
| 78.90  | 7912.0    |
| 79.90  | 2614.0    |
| 80.90  | 8248.0    |
| 81.90  | 1357.0    |
| 83.10  | 197.0     |
| 85.80  | 627.0     |
| 87.00  | 13223.0   |
| 88.00  | 12827.0   |
| 89.90  | 76.0      |
| 90.90  | 1200.0    |
| 92.00  | 8800.0    |
| 93.00  | 13180.0   |
| 94.00  | 35560.0   |
| 95.00  | 337984.0  |
| 96.00  | 20080.0   |
| 97.10  | 535.0     |
| 101.40 | 60.0      |
| 102.00 | 61.0      |
| 102.90 | 514.0     |
| 103.90 | 1039.0    |
| 104.90 | 509.0     |
| 105.90 | 1261.0    |
| 106.90 | 431.0     |
| 108.10 | 132.0     |
| 110.00 | 223.0     |
| 111.00 | 258.0     |
| 111.90 | 351.0     |
| 113.00 | 238.0     |
| 114.80 | 359.0     |
| 115.90 | 758.0     |
| 116.90 | 2242.0    |
| 117.90 | 1407.0    |
| 118.90 | 2082.0    |
| 119.90 | 260.0     |
| 122.10 | 53.0      |
| 123.70 | 397.0     |
| 125.10 | 598.0     |
| 125.90 | 392.0     |
| 127.10 | 93.0      |
| 127.90 | 1069.0    |
| 128.80 | 708.0     |
| 130.00 | 1002.0    |
| 130.80 | 511.0     |
| 133.10 | 845.0     |
| 133.80 | 579.0     |
| 135.00 | 464.0     |
| 135.90 | 113.0     |
| 136.80 | 482.0     |
| 137.80 | 65.0      |
| 138.90 | 177.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 139.80 | 244.0    |
| 141.00 | 2655.0   |
| 142.10 | 339.0    |
| 143.00 | 3612.0   |
| 144.00 | 154.0    |
| 145.00 | 1110.0   |
| 145.90 | 658.0    |
| 147.00 | 319.0    |
| 147.90 | 1013.0   |
| 148.80 | 352.0    |
| 149.80 | 412.0    |
| 151.00 | 73.0     |
| 151.80 | 173.0    |
| 152.10 | 147.0    |
| 152.80 | 262.0    |
| 154.00 | 149.0    |
| 154.90 | 802.0    |
| 155.70 | 161.0    |
| 156.90 | 677.0    |
| 159.00 | 375.0    |
| 161.00 | 479.0    |
| 162.90 | 178.0    |
| 164.70 | 67.0     |
| 165.10 | 67.0     |
| 166.10 | 63.0     |
| 169.30 | 84.0     |
| 170.00 | 126.0    |
| 170.80 | 737.0    |
| 171.90 | 2655.0   |
| 173.90 | 290624.0 |
| 175.00 | 21208.0  |
| 175.90 | 272576.0 |
| 177.00 | 16784.0  |
| 177.90 | 543.0    |
| 179.00 | 269.0    |
| 179.90 | 61.0     |
| 189.00 | 182.0    |
| 191.00 | 1422.0   |
| 192.00 | 287.0    |
| 193.10 | 1053.0   |
| 193.90 | 353.0    |
| 194.70 | 56.0     |
| 195.10 | 168.0    |
| 202.80 | 124.0    |
| 205.10 | 281.0    |
| 206.90 | 1132.0   |
| 208.10 | 253.0    |
| 208.60 | 99.0     |
| 209.30 | 83.0     |
| 219.00 | 57.0     |
| 234.60 | 70.0     |
| 235.10 | 128.0    |
| 249.20 | 869.0    |
| 250.00 | 266.0    |
| 250.90 | 456.0    |
| 252.00 | 76.0     |
| 252.90 | 73.0     |
| 265.10 | 1829.0   |
| 265.90 | 370.0    |
| 267.00 | 441.0    |
| 268.60 | 109.0    |
| 279.00 | 187.0    |
| 281.10 | 18704.0  |
| 282.10 | 4965.0   |
| 283.10 | 2677.0   |
| 283.90 | 617.0    |
| 285.10 | 242.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

Scan 1749 (12.567 min): VW014296.D  
BFB06

| m/z    | Abundance |
|--------|-----------|
| 39.20  | 110.0     |
| 40.00  | 610.0     |
| 41.20  | 91.0      |
| 42.20  | 97.0      |
| 43.30  | 97.0      |
| 43.90  | 695.0     |
| 54.90  | 63.0      |
| 56.00  | 60.0      |
| 62.20  | 66.0      |
| 73.10  | 84.0      |
| 118.90 | 63.0      |
| 168.90 | 225.0     |
| 280.80 | 68.0      |
| 281.30 | 182.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06