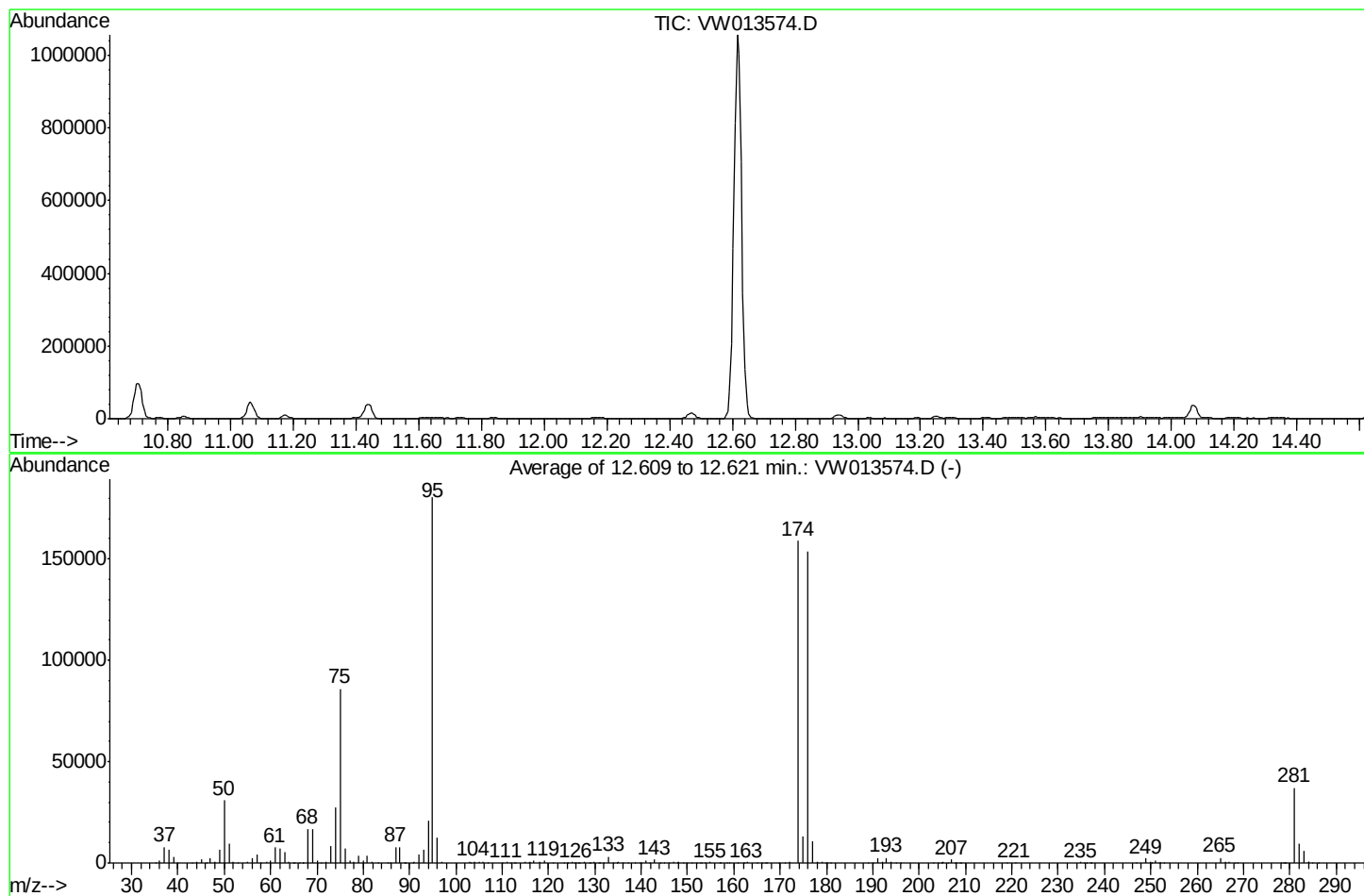


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101519\  
Data File : VW013574.D  
Acq On : 15 Oct 2019 09:37  
Operator : SY/VA  
Sample : BFB06  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Title : VOC Analysis  
Last Update : Thu Oct 17 14:22:12 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           | 17.0      | 30720   | PASS             |
| 75          | 95           | 30           | 80           | 47.6      | 85888   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 180416  | PASS             |
| 96          | 95           | 5            | 9            | 6.9       | 12497   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 88.0      | 158810  | PASS             |
| 175         | 174          | 5            | 9            | 8.3       | 13120   | PASS             |
| 176         | 174          | 95           | 101          | 96.7      | 153568  | PASS             |
| 177         | 176          | 5            | 9            | 7.1       | 10875   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 35.30  | 68.0      |
| 36.00  | 1368.0    |
| 37.00  | 7033.0    |
| 38.00  | 5098.0    |
| 39.00  | 2771.0    |
| 40.00  | 250.0     |
| 43.00  | 185.0     |
| 44.00  | 858.0     |
| 45.00  | 1933.0    |
| 46.10  | 194.0     |
| 47.10  | 1701.0    |
| 47.90  | 843.0     |
| 49.00  | 5974.0    |
| 50.00  | 27280.0   |
| 51.00  | 8444.0    |
| 52.00  | 334.0     |
| 52.80  | 67.0      |
| 55.00  | 446.0     |
| 56.00  | 2074.0    |
| 57.00  | 3709.0    |
| 58.00  | 271.0     |
| 59.10  | 681.0     |
| 60.00  | 1356.0    |
| 61.00  | 6223.0    |
| 62.00  | 5522.0    |
| 63.00  | 4825.0    |
| 64.00  | 517.0     |
| 65.00  | 395.0     |
| 66.10  | 120.0     |
| 66.90  | 429.0     |
| 68.00  | 14124.0   |
| 69.00  | 14024.0   |
| 70.00  | 1078.0    |
| 72.00  | 742.0     |
| 73.00  | 8298.0    |
| 74.00  | 24048.0   |
| 75.00  | 73136.0   |
| 76.00  | 6565.0    |
| 77.10  | 871.0     |
| 78.00  | 801.0     |
| 78.90  | 2824.0    |
| 80.00  | 888.0     |
| 80.90  | 3005.0    |
| 81.90  | 718.0     |
| 83.20  | 90.0      |
| 85.30  | 106.0     |
| 86.00  | 150.0     |
| 86.90  | 7156.0    |
| 88.00  | 6794.0    |
| 89.20  | 120.0     |
| 90.90  | 413.0     |
| 92.00  | 3572.0    |
| 92.90  | 5362.0    |
| 94.00  | 17096.0   |
| 95.00  | 148928.0  |
| 96.00  | 10444.0   |
| 97.00  | 525.0     |
| 102.90 | 804.0     |
| 104.00 | 726.0     |
| 105.00 | 319.0     |
| 106.00 | 338.0     |
| 106.90 | 216.0     |
| 109.90 | 288.0     |
| 110.90 | 270.0     |
| 111.90 | 238.0     |
| 113.00 | 128.0     |
| 115.00 | 573.0     |
| 115.80 | 470.0     |
| 116.90 | 1012.0    |
| 118.20 | 730.0     |
| 119.10 | 1119.0    |
| 123.20 | 121.0     |
| 124.00 | 124.0     |
| 125.10 | 1385.0    |
| 125.70 | 572.0     |
| 126.50 | 115.0     |
| 127.80 | 310.0     |
| 128.80 | 332.0     |
| 129.80 | 436.0     |
| 130.80 | 301.0     |
| 131.90 | 134.0     |
| 133.00 | 4580.0    |
| 134.70 | 460.0     |
| 135.00 | 496.0     |
| 136.10 | 108.0     |
| 137.10 | 220.0     |
| 141.00 | 1058.0    |
| 141.80 | 150.0     |
| 142.90 | 1245.0    |
| 144.10 | 117.0     |
| 144.90 | 446.0     |
| 146.00 | 211.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 147.00 | 420.0    |
| 147.70 | 289.0    |
| 148.10 | 254.0    |
| 149.00 | 388.0    |
| 150.00 | 272.0    |
| 151.00 | 73.0     |
| 152.80 | 118.0    |
| 153.70 | 61.0     |
| 155.00 | 331.0    |
| 156.80 | 201.0    |
| 157.30 | 108.0    |
| 158.90 | 213.0    |
| 160.80 | 323.0    |
| 162.00 | 103.0    |
| 162.90 | 601.0    |
| 164.90 | 419.0    |
| 166.10 | 53.0     |
| 167.10 | 84.0     |
| 171.10 | 189.0    |
| 172.00 | 865.0    |
| 173.90 | 118416.0 |
| 175.00 | 9936.0   |
| 175.90 | 111008.0 |
| 176.90 | 8367.0   |
| 177.90 | 456.0    |
| 179.00 | 780.0    |
| 180.10 | 227.0    |
| 189.00 | 349.0    |
| 190.00 | 269.0    |
| 191.00 | 3142.0   |
| 192.10 | 773.0    |
| 193.00 | 3126.0   |
| 193.90 | 462.0    |
| 194.90 | 386.0    |
| 203.00 | 321.0    |
| 204.00 | 91.0     |
| 204.80 | 600.0    |
| 205.10 | 571.0    |
| 206.10 | 171.0    |
| 207.10 | 1952.0   |
| 207.80 | 482.0    |
| 209.10 | 343.0    |
| 218.90 | 66.0     |
| 220.70 | 217.0    |
| 235.00 | 458.0    |
| 237.00 | 114.0    |
| 246.90 | 100.0    |
| 249.00 | 2994.0   |
| 249.80 | 440.0    |
| 250.30 | 598.0    |
| 251.00 | 1221.0   |
| 252.20 | 181.0    |
| 252.80 | 197.0    |
| 265.00 | 3567.0   |
| 266.00 | 1144.0   |
| 267.00 | 1009.0   |
| 268.10 | 234.0    |
| 268.80 | 67.0     |
| 278.30 | 136.0    |
| 279.30 | 263.0    |
| 281.10 | 47952.0  |
| 282.10 | 11645.0  |
| 283.10 | 7359.0   |
| 284.00 | 1189.0   |
| 285.10 | 409.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1777.0    |
| 37.10  | 8476.0    |
| 38.10  | 7343.0    |
| 39.00  | 2995.0    |
| 39.90  | 243.0     |
| 43.00  | 143.0     |
| 43.90  | 1022.0    |
| 45.00  | 1747.0    |
| 46.10  | 141.0     |
| 47.00  | 2924.0    |
| 47.90  | 969.0     |
| 49.00  | 7167.0    |
| 50.00  | 34240.0   |
| 51.00  | 10954.0   |
| 52.00  | 385.0     |
| 55.00  | 545.0     |
| 56.10  | 2235.0    |
| 57.00  | 4487.0    |
| 57.90  | 214.0     |
| 59.00  | 317.0     |
| 60.10  | 1501.0    |
| 61.00  | 8172.0    |
| 62.00  | 8488.0    |
| 63.00  | 5901.0    |
| 63.90  | 593.0     |
| 65.20  | 372.0     |
| 67.10  | 468.0     |
| 68.00  | 18536.0   |
| 69.00  | 18960.0   |
| 70.00  | 1575.0    |
| 70.80  | 52.0      |
| 72.00  | 759.0     |
| 73.00  | 9427.0    |
| 74.00  | 31000.0   |
| 75.00  | 95720.0   |
| 76.00  | 7984.0    |
| 77.00  | 1158.0    |
| 77.80  | 856.0     |
| 79.00  | 3931.0    |
| 79.90  | 1208.0    |
| 80.90  | 4221.0    |
| 81.90  | 833.0     |
| 83.10  | 159.0     |
| 85.80  | 275.0     |
| 87.00  | 9024.0    |
| 88.00  | 8575.0    |
| 89.20  | 171.0     |
| 91.00  | 688.0     |
| 92.00  | 5219.0    |
| 93.00  | 7205.0    |
| 94.00  | 23752.0   |
| 95.00  | 200448.0  |
| 96.00  | 14115.0   |
| 97.10  | 371.0     |
| 102.90 | 563.0     |
| 104.00 | 801.0     |
| 105.10 | 348.0     |
| 105.80 | 744.0     |
| 106.80 | 163.0     |
| 109.90 | 233.0     |
| 110.90 | 501.0     |
| 111.90 | 210.0     |
| 112.70 | 98.0      |
| 113.00 | 96.0      |
| 114.90 | 394.0     |
| 116.00 | 473.0     |
| 116.90 | 983.0     |
| 118.00 | 980.0     |
| 118.90 | 1192.0    |
| 120.90 | 159.0     |
| 123.20 | 92.0      |
| 123.90 | 114.0     |
| 125.00 | 869.0     |
| 125.80 | 253.0     |
| 126.30 | 308.0     |
| 127.90 | 816.0     |
| 128.80 | 329.0     |
| 129.90 | 691.0     |
| 131.10 | 356.0     |
| 131.80 | 107.0     |
| 133.10 | 2802.0    |
| 135.00 | 516.0     |
| 137.00 | 285.0     |
| 139.80 | 70.0      |
| 140.90 | 1502.0    |
| 141.90 | 286.0     |
| 143.00 | 1614.0    |
| 144.00 | 163.0     |
| 144.90 | 331.0     |
| 145.80 | 332.0     |
| 147.00 | 472.0     |
| 147.90 | 387.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 148.90 | 283.0    |
| 150.00 | 285.0    |
| 151.00 | 65.0     |
| 153.00 | 62.0     |
| 153.70 | 152.0    |
| 154.90 | 563.0    |
| 156.90 | 336.0    |
| 158.90 | 331.0    |
| 160.90 | 302.0    |
| 162.20 | 196.0    |
| 162.90 | 545.0    |
| 164.90 | 338.0    |
| 166.70 | 62.0     |
| 167.10 | 70.0     |
| 172.10 | 912.0    |
| 173.90 | 172864.0 |
| 175.00 | 13833.0  |
| 175.90 | 169024.0 |
| 176.90 | 13319.0  |
| 178.00 | 478.0    |
| 179.00 | 467.0    |
| 179.80 | 189.0    |
| 180.80 | 180.0    |
| 188.80 | 281.0    |
| 190.00 | 95.0     |
| 191.00 | 2866.0   |
| 191.90 | 829.0    |
| 193.00 | 2831.0   |
| 194.00 | 558.0    |
| 195.00 | 247.0    |
| 195.90 | 68.0     |
| 203.10 | 260.0    |
| 205.00 | 787.0    |
| 207.00 | 2143.0   |
| 207.90 | 451.0    |
| 208.80 | 226.0    |
| 219.00 | 146.0    |
| 220.80 | 136.0    |
| 234.90 | 375.0    |
| 235.50 | 90.0     |
| 236.10 | 61.0     |
| 236.90 | 177.0    |
| 247.00 | 91.0     |
| 249.00 | 2472.0   |
| 249.90 | 682.0    |
| 250.90 | 1307.0   |
| 252.00 | 256.0    |
| 265.10 | 2419.0   |
| 266.10 | 749.0    |
| 266.90 | 754.0    |
| 268.10 | 400.0    |
| 268.80 | 112.0    |
| 278.10 | 89.0     |
| 279.00 | 303.0    |
| 281.00 | 38872.0  |
| 282.10 | 10909.0  |
| 283.10 | 6700.0   |
| 284.20 | 1138.0   |
| 284.90 | 467.0    |
| 286.10 | 53.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1317.0    |
| 37.10  | 7977.0    |
| 38.00  | 6900.0    |
| 39.10  | 2752.0    |
| 40.00  | 291.0     |
| 43.00  | 110.0     |
| 44.00  | 961.0     |
| 45.00  | 1158.0    |
| 46.00  | 121.0     |
| 47.00  | 2260.0    |
| 47.90  | 871.0     |
| 49.00  | 6159.0    |
| 50.00  | 30640.0   |
| 51.00  | 9344.0    |
| 51.90  | 379.0     |
| 52.90  | 150.0     |
| 55.00  | 527.0     |
| 56.10  | 2273.0    |
| 57.10  | 4457.0    |
| 58.00  | 242.0     |
| 59.20  | 191.0     |
| 60.00  | 1607.0    |
| 61.00  | 8283.0    |
| 62.00  | 7587.0    |
| 63.00  | 5177.0    |
| 63.90  | 553.0     |
| 65.10  | 306.0     |
| 68.00  | 17720.0   |
| 69.00  | 16568.0   |
| 70.00  | 1401.0    |
| 70.90  | 116.0     |
| 72.00  | 1177.0    |
| 73.00  | 7972.0    |
| 74.00  | 27128.0   |
| 75.00  | 88808.0   |
| 76.00  | 7814.0    |
| 77.00  | 1408.0    |
| 77.80  | 851.0     |
| 78.90  | 3641.0    |
| 79.90  | 1034.0    |
| 80.90  | 3746.0    |
| 81.90  | 827.0     |
| 83.10  | 133.0     |
| 85.30  | 61.0      |
| 85.90  | 251.0     |
| 87.00  | 7365.0    |
| 87.90  | 7685.0    |
| 88.80  | 383.0     |
| 90.70  | 616.0     |
| 92.00  | 4582.0    |
| 93.00  | 7880.0    |
| 94.00  | 21096.0   |
| 95.00  | 191872.0  |
| 96.00  | 12934.0   |
| 97.00  | 356.0     |
| 103.10 | 284.0     |
| 104.00 | 610.0     |
| 104.90 | 331.0     |
| 105.90 | 640.0     |
| 106.80 | 279.0     |
| 109.90 | 197.0     |
| 111.00 | 272.0     |
| 112.00 | 245.0     |
| 112.50 | 101.0     |
| 112.90 | 133.0     |
| 114.80 | 264.0     |
| 115.90 | 614.0     |
| 116.80 | 1078.0    |
| 117.90 | 637.0     |
| 119.00 | 922.0     |
| 123.20 | 101.0     |
| 124.20 | 116.0     |
| 125.00 | 433.0     |
| 126.00 | 224.0     |
| 126.80 | 76.0      |
| 127.90 | 636.0     |
| 129.00 | 418.0     |
| 129.90 | 734.0     |
| 130.90 | 193.0     |
| 133.10 | 1675.0    |
| 133.90 | 418.0     |
| 134.80 | 390.0     |
| 136.90 | 303.0     |
| 138.60 | 57.0      |
| 140.10 | 177.0     |
| 140.80 | 1644.0    |
| 141.90 | 252.0     |
| 143.00 | 1848.0    |
| 144.00 | 93.0      |
| 144.90 | 128.0     |
| 145.90 | 280.0     |
| 146.90 | 375.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

|        |          |
|--------|----------|
| 147.90 | 625.0    |
| 149.10 | 190.0    |
| 150.00 | 182.0    |
| 151.90 | 113.0    |
| 153.00 | 69.0     |
| 153.70 | 193.0    |
| 154.90 | 543.0    |
| 156.80 | 356.0    |
| 158.60 | 199.0    |
| 159.00 | 187.0    |
| 160.90 | 288.0    |
| 163.00 | 297.0    |
| 164.80 | 200.0    |
| 166.70 | 53.0     |
| 169.80 | 74.0     |
| 173.90 | 185152.0 |
| 175.00 | 15592.0  |
| 175.90 | 180672.0 |
| 176.90 | 10940.0  |
| 178.00 | 424.0    |
| 179.00 | 335.0    |
| 179.80 | 91.0     |
| 180.90 | 76.0     |
| 188.80 | 167.0    |
| 190.10 | 182.0    |
| 190.90 | 1224.0   |
| 192.10 | 379.0    |
| 193.00 | 1697.0   |
| 193.90 | 397.0    |
| 194.80 | 133.0    |
| 203.00 | 270.0    |
| 204.90 | 321.0    |
| 207.10 | 1003.0   |
| 208.10 | 418.0    |
| 208.90 | 279.0    |
| 219.10 | 64.0     |
| 220.80 | 85.0     |
| 235.00 | 373.0    |
| 237.20 | 57.0     |
| 247.00 | 91.0     |
| 249.00 | 1527.0   |
| 250.00 | 344.0    |
| 250.90 | 744.0    |
| 251.80 | 146.0    |
| 265.10 | 2044.0   |
| 266.10 | 486.0    |
| 267.00 | 580.0    |
| 268.10 | 168.0    |
| 278.60 | 75.0     |
| 279.20 | 123.0    |
| 281.00 | 24816.0  |
| 282.00 | 6920.0   |
| 283.10 | 4302.0   |
| 284.10 | 836.0    |
| 286.10 | 62.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06

Scan 1749 (12.567 min): VW013574.D  
BFB06

| m/z   | Abundance |
|-------|-----------|
| 39.10 | 205.0     |
| 43.10 | 51.0      |
| 44.10 | 258.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB06