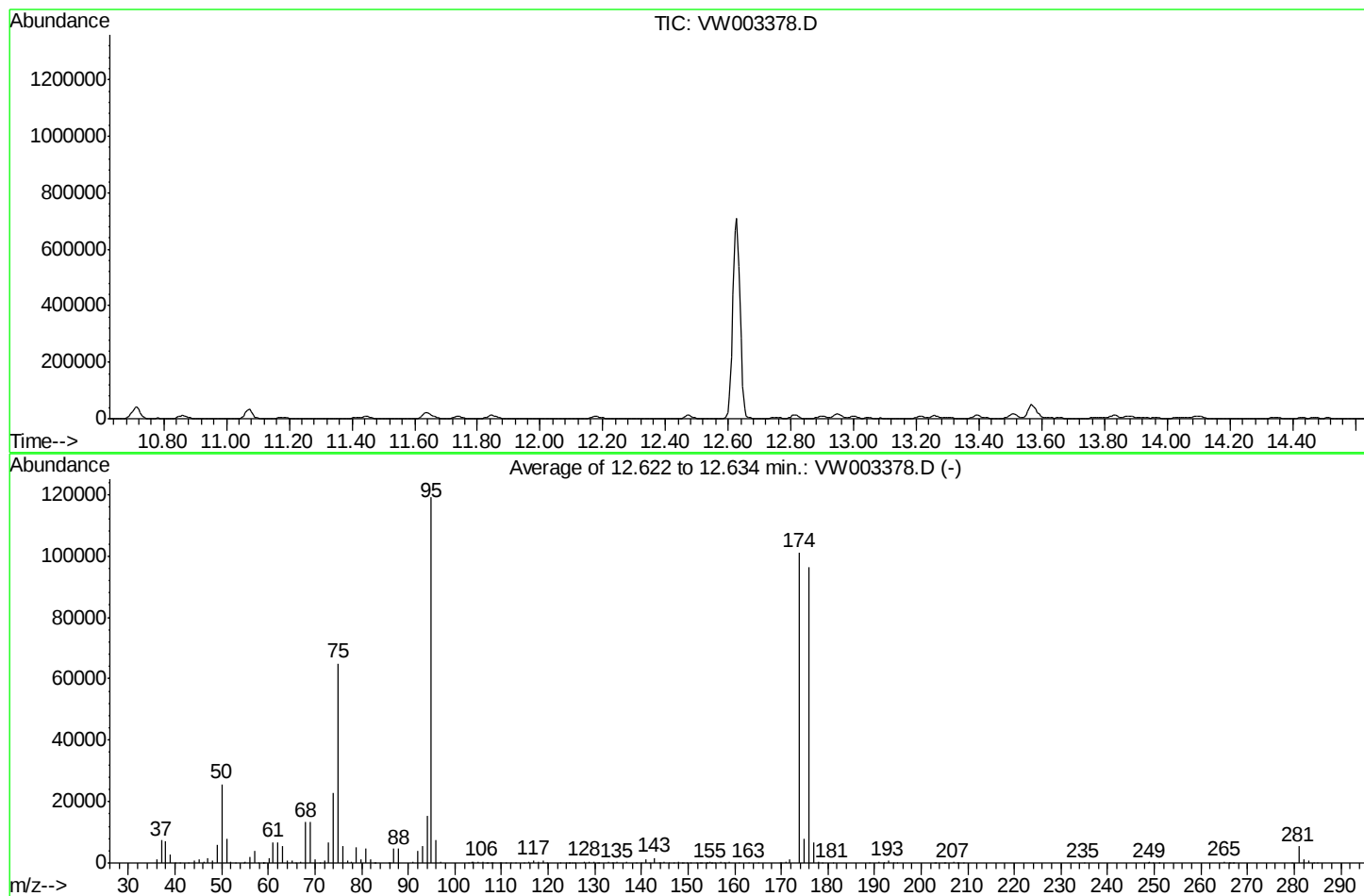


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062118\  
 Data File : VW003378.D  
 Acq On : 21 Jun 2018 09:23  
 Operator : SY/AP  
 Sample : BFB87  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB87

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Title : VOC Analysis  
 Last Update : Tue Jun 26 03:05:07 2018



AutoFind: Scans 1810, 1811, 1812; Background Corrected with Scan 1802

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 21.6      | 25698   | PASS             |
| 75          | 95           | 30           | 80           | 54.6      | 65002   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 119074  | PASS             |
| 96          | 95           | 5            | 9            | 6.3       | 7467    | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 85.0      | 101200  | PASS             |
| 175         | 174          | 5            | 9            | 7.8       | 7888    | PASS             |
| 176         | 174          | 95           | 101          | 95.1      | 96264   | PASS             |
| 177         | 176          | 5            | 9            | 6.8       | 6535    | PASS             |

Scan 1802 (12.573 min): VW003378.D  
BFB87

| m/z    | Abundance |
|--------|-----------|
| 38.80  | 71.0      |
| 40.00  | 116.0     |
| 40.90  | 146.0     |
| 42.90  | 86.0      |
| 44.00  | 169.0     |
| 72.90  | 58.0      |
| 206.80 | 75.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1419.0    |
| 37.00  | 8097.0    |
| 38.00  | 8086.0    |
| 39.00  | 2955.0    |
| 40.10  | 168.0     |
| 40.80  | 127.0     |
| 43.00  | 178.0     |
| 44.00  | 1207.0    |
| 45.00  | 1614.0    |
| 46.20  | 246.0     |
| 47.00  | 1687.0    |
| 47.90  | 738.0     |
| 49.00  | 6443.0    |
| 50.00  | 29048.0   |
| 51.00  | 8928.0    |
| 52.00  | 600.0     |
| 53.00  | 160.0     |
| 55.00  | 542.0     |
| 56.00  | 2307.0    |
| 57.00  | 4277.0    |
| 58.00  | 195.0     |
| 58.90  | 202.0     |
| 60.00  | 1671.0    |
| 61.00  | 7067.0    |
| 62.00  | 7229.0    |
| 63.00  | 5744.0    |
| 64.00  | 994.0     |
| 65.10  | 809.0     |
| 65.90  | 96.0      |
| 67.10  | 426.0     |
| 68.00  | 14990.0   |
| 69.00  | 14607.0   |
| 70.00  | 1245.0    |
| 71.10  | 80.0      |
| 72.10  | 838.0     |
| 73.00  | 7739.0    |
| 74.00  | 24064.0   |
| 75.00  | 67904.0   |
| 76.00  | 5808.0    |
| 77.00  | 735.0     |
| 77.80  | 574.0     |
| 78.90  | 5453.0    |
| 79.90  | 1372.0    |
| 80.90  | 5122.0    |
| 81.90  | 1147.0    |
| 83.00  | 193.0     |
| 85.70  | 108.0     |
| 86.90  | 5086.0    |
| 88.00  | 5089.0    |
| 91.00  | 681.0     |
| 92.00  | 4312.0    |
| 93.00  | 5562.0    |
| 94.00  | 16150.0   |
| 95.00  | 127304.0  |
| 96.00  | 8642.0    |
| 96.90  | 198.0     |
| 103.00 | 158.0     |
| 103.80 | 702.0     |
| 104.90 | 302.0     |
| 105.90 | 565.0     |
| 106.90 | 122.0     |
| 107.80 | 60.0      |
| 109.70 | 161.0     |
| 110.80 | 246.0     |
| 111.90 | 133.0     |
| 113.00 | 125.0     |
| 114.90 | 276.0     |
| 115.90 | 543.0     |
| 116.90 | 927.0     |
| 117.80 | 658.0     |
| 118.90 | 1057.0    |
| 119.80 | 73.0      |
| 123.90 | 62.0      |
| 124.50 | 71.0      |
| 125.20 | 254.0     |
| 125.80 | 208.0     |
| 127.90 | 380.0     |
| 128.90 | 213.0     |
| 129.80 | 489.0     |
| 130.70 | 294.0     |
| 132.90 | 564.0     |
| 134.00 | 139.0     |
| 134.80 | 410.0     |
| 136.90 | 268.0     |
| 138.80 | 114.0     |
| 140.00 | 100.0     |
| 140.90 | 1517.0    |
| 141.90 | 181.0     |
| 142.90 | 1702.0    |
| 143.90 | 73.0      |
| 144.90 | 529.0     |
| 146.00 | 218.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

|        |         |
|--------|---------|
| 147.00 | 193.0   |
| 148.00 | 329.0   |
| 148.70 | 142.0   |
| 149.90 | 158.0   |
| 152.60 | 77.0    |
| 153.80 | 121.0   |
| 154.70 | 276.0   |
| 155.20 | 135.0   |
| 155.70 | 89.0    |
| 157.00 | 228.0   |
| 158.70 | 186.0   |
| 161.00 | 176.0   |
| 163.10 | 108.0   |
| 165.00 | 111.0   |
| 169.70 | 84.0    |
| 171.00 | 292.0   |
| 172.00 | 1233.0  |
| 173.90 | 98728.0 |
| 175.00 | 8210.0  |
| 175.90 | 92680.0 |
| 176.90 | 6556.0  |
| 178.00 | 229.0   |
| 178.90 | 266.0   |
| 181.10 | 78.0    |
| 188.90 | 86.0    |
| 191.10 | 597.0   |
| 191.90 | 159.0   |
| 192.90 | 837.0   |
| 194.00 | 118.0   |
| 194.80 | 95.0    |
| 203.00 | 79.0    |
| 204.90 | 169.0   |
| 207.00 | 595.0   |
| 207.90 | 194.0   |
| 209.00 | 82.0    |
| 234.90 | 94.0    |
| 248.80 | 369.0   |
| 249.70 | 86.0    |
| 250.90 | 235.0   |
| 265.00 | 670.0   |
| 266.10 | 242.0   |
| 266.80 | 130.0   |
| 281.10 | 6683.0  |
| 282.00 | 1889.0  |
| 283.10 | 1328.0  |
| 284.00 | 320.0   |
| 285.00 | 99.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1514.0    |
| 37.00  | 8290.0    |
| 38.00  | 7966.0    |
| 39.10  | 3032.0    |
| 40.10  | 226.0     |
| 40.80  | 119.0     |
| 43.00  | 104.0     |
| 44.00  | 863.0     |
| 45.00  | 1438.0    |
| 46.00  | 319.0     |
| 47.00  | 1644.0    |
| 47.90  | 1027.0    |
| 49.00  | 6334.0    |
| 50.00  | 28048.0   |
| 51.00  | 8967.0    |
| 52.00  | 531.0     |
| 53.10  | 127.0     |
| 55.10  | 387.0     |
| 55.90  | 2228.0    |
| 57.00  | 4187.0    |
| 57.90  | 193.0     |
| 58.70  | 90.0      |
| 59.20  | 92.0      |
| 60.00  | 1662.0    |
| 61.00  | 7799.0    |
| 62.00  | 7496.0    |
| 63.00  | 6345.0    |
| 64.00  | 849.0     |
| 65.00  | 703.0     |
| 65.90  | 81.0      |
| 67.00  | 479.0     |
| 68.00  | 14294.0   |
| 69.00  | 15001.0   |
| 70.10  | 1360.0    |
| 71.90  | 982.0     |
| 73.00  | 7591.0    |
| 74.00  | 26080.0   |
| 75.00  | 74184.0   |
| 76.00  | 6102.0    |
| 77.00  | 946.0     |
| 77.90  | 640.0     |
| 78.90  | 5752.0    |
| 79.90  | 1608.0    |
| 80.90  | 5431.0    |
| 81.90  | 1092.0    |
| 83.10  | 172.0     |
| 86.00  | 262.0     |
| 86.90  | 5237.0    |
| 87.90  | 4934.0    |
| 91.00  | 556.0     |
| 92.00  | 3919.0    |
| 93.00  | 6192.0    |
| 94.00  | 17096.0   |
| 95.00  | 130528.0  |
| 96.00  | 8137.0    |
| 97.00  | 382.0     |
| 104.00 | 623.0     |
| 105.00 | 222.0     |
| 105.90 | 603.0     |
| 107.10 | 98.0      |
| 110.00 | 94.0      |
| 110.80 | 224.0     |
| 111.80 | 138.0     |
| 112.90 | 109.0     |
| 114.80 | 239.0     |
| 115.90 | 632.0     |
| 116.90 | 1176.0    |
| 117.90 | 600.0     |
| 118.90 | 1043.0    |
| 119.80 | 75.0      |
| 122.70 | 66.0      |
| 124.80 | 172.0     |
| 125.20 | 231.0     |
| 125.60 | 138.0     |
| 127.90 | 593.0     |
| 129.00 | 331.0     |
| 129.90 | 494.0     |
| 130.70 | 244.0     |
| 132.90 | 422.0     |
| 134.10 | 218.0     |
| 134.80 | 356.0     |
| 137.00 | 251.0     |
| 138.80 | 106.0     |
| 140.00 | 77.0      |
| 140.90 | 1553.0    |
| 141.80 | 183.0     |
| 142.90 | 1798.0    |
| 143.90 | 204.0     |
| 144.90 | 422.0     |
| 145.80 | 151.0     |
| 146.80 | 150.0     |
| 147.90 | 308.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

|        |          |
|--------|----------|
| 149.00 | 115.0    |
| 149.70 | 100.0    |
| 151.90 | 94.0     |
| 153.00 | 53.0     |
| 154.10 | 59.0     |
| 154.70 | 425.0    |
| 155.80 | 107.0    |
| 156.90 | 218.0    |
| 158.80 | 292.0    |
| 160.80 | 238.0    |
| 162.90 | 71.0     |
| 164.90 | 64.0     |
| 169.60 | 60.0     |
| 170.00 | 72.0     |
| 170.80 | 246.0    |
| 171.80 | 1086.0   |
| 173.90 | 112456.0 |
| 174.90 | 8298.0   |
| 175.90 | 107088.0 |
| 176.90 | 7304.0   |
| 177.90 | 248.0    |
| 178.70 | 110.0    |
| 188.80 | 79.0     |
| 190.90 | 428.0    |
| 192.10 | 100.0    |
| 192.90 | 839.0    |
| 194.00 | 128.0    |
| 203.20 | 129.0    |
| 205.10 | 129.0    |
| 207.00 | 397.0    |
| 207.90 | 87.0     |
| 209.00 | 51.0     |
| 249.00 | 430.0    |
| 249.80 | 93.0     |
| 251.10 | 259.0    |
| 265.00 | 607.0    |
| 265.90 | 309.0    |
| 267.00 | 185.0    |
| 279.60 | 141.0    |
| 281.00 | 6293.0   |
| 282.10 | 1498.0   |
| 283.10 | 908.0    |
| 284.10 | 257.0    |
| 285.10 | 104.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1009.0    |
| 37.00  | 5705.0    |
| 38.00  | 5324.0    |
| 39.00  | 1897.0    |
| 40.00  | 143.0     |
| 41.00  | 127.0     |
| 42.90  | 114.0     |
| 44.00  | 909.0     |
| 45.10  | 1080.0    |
| 46.00  | 113.0     |
| 46.90  | 875.0     |
| 48.00  | 754.0     |
| 49.00  | 4883.0    |
| 50.00  | 20000.0   |
| 51.00  | 6307.0    |
| 52.00  | 208.0     |
| 53.00  | 73.0      |
| 54.80  | 287.0     |
| 56.00  | 1748.0    |
| 57.00  | 3132.0    |
| 57.90  | 106.0     |
| 59.00  | 101.0     |
| 60.10  | 1204.0    |
| 61.00  | 5772.0    |
| 62.00  | 5714.0    |
| 63.00  | 4160.0    |
| 64.00  | 564.0     |
| 64.90  | 358.0     |
| 65.90  | 104.0     |
| 66.90  | 255.0     |
| 68.00  | 10363.0   |
| 69.00  | 10702.0   |
| 70.00  | 1039.0    |
| 72.00  | 624.0     |
| 73.00  | 4908.0    |
| 74.00  | 17928.0   |
| 75.00  | 52920.0   |
| 76.00  | 4573.0    |
| 76.90  | 454.0     |
| 77.80  | 373.0     |
| 78.90  | 4106.0    |
| 79.90  | 1023.0    |
| 80.90  | 4139.0    |
| 81.90  | 939.0     |
| 82.80  | 107.0     |
| 86.00  | 135.0     |
| 87.00  | 3529.0    |
| 87.90  | 4009.0    |
| 90.90  | 538.0     |
| 92.00  | 3333.0    |
| 93.00  | 4827.0    |
| 94.00  | 12660.0   |
| 95.00  | 99392.0   |
| 96.00  | 5622.0    |
| 97.00  | 274.0     |
| 102.90 | 94.0      |
| 103.90 | 486.0     |
| 105.00 | 272.0     |
| 105.90 | 495.0     |
| 106.80 | 60.0      |
| 108.00 | 61.0      |
| 109.80 | 60.0      |
| 110.80 | 162.0     |
| 111.80 | 96.0      |
| 112.90 | 116.0     |
| 114.90 | 106.0     |
| 115.80 | 392.0     |
| 117.00 | 884.0     |
| 117.90 | 527.0     |
| 119.00 | 711.0     |
| 123.90 | 124.0     |
| 124.70 | 161.0     |
| 125.60 | 62.0      |
| 127.80 | 512.0     |
| 128.80 | 205.0     |
| 129.80 | 366.0     |
| 130.90 | 262.0     |
| 133.00 | 252.0     |
| 133.70 | 112.0     |
| 134.80 | 163.0     |
| 136.80 | 286.0     |
| 138.90 | 120.0     |
| 139.90 | 116.0     |
| 140.80 | 1099.0    |
| 141.70 | 126.0     |
| 142.90 | 1472.0    |
| 144.20 | 62.0      |
| 145.00 | 238.0     |
| 146.00 | 171.0     |
| 146.80 | 84.0      |
| 147.90 | 278.0     |
| 148.70 | 119.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87

|        |         |
|--------|---------|
| 149.80 | 218.0   |
| 150.60 | 70.0    |
| 151.90 | 66.0    |
| 153.00 | 75.0    |
| 154.00 | 87.0    |
| 154.90 | 349.0   |
| 157.00 | 207.0   |
| 157.70 | 57.0    |
| 158.90 | 172.0   |
| 161.00 | 104.0   |
| 163.00 | 62.0    |
| 170.00 | 110.0   |
| 171.00 | 248.0   |
| 171.90 | 815.0   |
| 173.90 | 92416.0 |
| 175.00 | 7158.0  |
| 175.90 | 89024.0 |
| 176.90 | 5747.0  |
| 177.90 | 178.0   |
| 179.00 | 69.0    |
| 190.90 | 290.0   |
| 192.10 | 80.0    |
| 193.00 | 344.0   |
| 193.90 | 63.0    |
| 194.90 | 64.0    |
| 202.80 | 67.0    |
| 205.20 | 104.0   |
| 207.00 | 329.0   |
| 208.10 | 82.0    |
| 249.00 | 242.0   |
| 249.70 | 61.0    |
| 251.10 | 82.0    |
| 265.10 | 469.0   |
| 266.20 | 64.0    |
| 267.10 | 76.0    |
| 281.00 | 3360.0  |
| 282.00 | 710.0   |
| 283.10 | 670.0   |
| 284.20 | 52.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB87