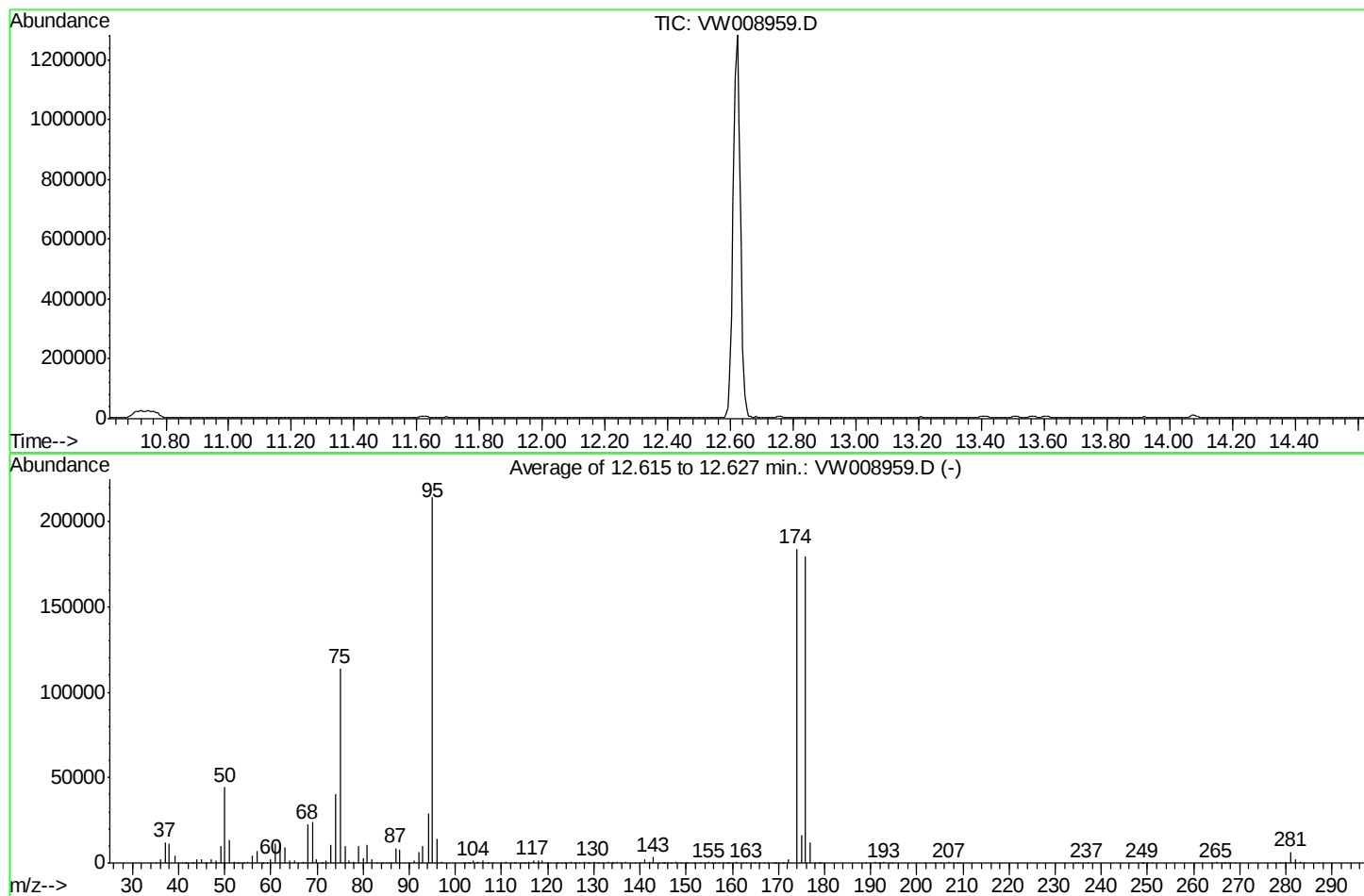


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030419\  
 Data File : VW008959.D  
 Acq On : 04 Mar 2019 10:41  
 Operator : SY/VA  
 Sample : BFB83  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
 Title : VOC Analysis  
 Last Update : Tue Mar 05 05:37:38 2019



AutoFind: Scans 1757, 1758, 1759; 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           | 20.7      | 44282   | PASS             |
| 75          | 95           | 30           | 80           | 53.3      | 114200  | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 214144  | PASS             |
| 96          | 95           | 5            | 9            | 6.6       | 14227   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 85.9      | 183914  | PASS             |
| 175         | 174          | 5            | 9            | 8.7       | 15999   | PASS             |
| 176         | 174          | 95           | 101          | 97.5      | 179328  | PASS             |
| 177         | 176          | 5            | 9            | 6.7       | 12077   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 35.10  | 77.0      |
| 36.10  | 2315.0    |
| 37.00  | 13672.0   |
| 38.10  | 12713.0   |
| 39.10  | 5549.0    |
| 40.00  | 1670.0    |
| 41.00  | 237.0     |
| 42.90  | 268.0     |
| 44.00  | 1983.0    |
| 45.00  | 2512.0    |
| 47.10  | 2382.0    |
| 48.00  | 1329.0    |
| 49.10  | 9890.0    |
| 50.10  | 47888.0   |
| 51.00  | 14313.0   |
| 52.20  | 584.0     |
| 52.80  | 113.0     |
| 53.20  | 144.0     |
| 53.80  | 63.0      |
| 55.00  | 1244.0    |
| 56.10  | 4716.0    |
| 57.00  | 6979.0    |
| 58.20  | 239.0     |
| 59.10  | 364.0     |
| 60.00  | 2557.0    |
| 61.00  | 11604.0   |
| 62.00  | 12731.0   |
| 63.00  | 10281.0   |
| 64.10  | 1338.0    |
| 65.00  | 1516.0    |
| 65.90  | 248.0     |
| 67.00  | 517.0     |
| 68.00  | 24552.0   |
| 69.00  | 24856.0   |
| 70.00  | 2352.0    |
| 70.90  | 101.0     |
| 71.90  | 1021.0    |
| 73.00  | 11780.0   |
| 74.00  | 41280.0   |
| 75.00  | 120784.0  |
| 76.00  | 11538.0   |
| 77.10  | 1396.0    |
| 77.90  | 743.0     |
| 79.00  | 10134.0   |
| 80.00  | 3330.0    |
| 80.90  | 11000.0   |
| 82.00  | 2448.0    |
| 83.00  | 299.0     |
| 84.30  | 56.0      |
| 87.00  | 9247.0    |
| 87.90  | 8064.0    |
| 90.00  | 117.0     |
| 91.00  | 1505.0    |
| 92.00  | 6696.0    |
| 93.00  | 10576.0   |
| 94.00  | 29000.0   |
| 95.00  | 216192.0  |
| 96.10  | 14606.0   |
| 97.10  | 438.0     |
| 101.70 | 65.0      |
| 104.00 | 1422.0    |
| 104.90 | 567.0     |
| 105.90 | 1346.0    |
| 106.90 | 346.0     |
| 109.90 | 269.0     |
| 110.90 | 385.0     |
| 112.00 | 144.0     |
| 113.10 | 302.0     |
| 114.20 | 51.0      |
| 115.10 | 291.0     |
| 115.80 | 775.0     |
| 116.90 | 1858.0    |
| 118.00 | 1122.0    |
| 118.90 | 1499.0    |
| 119.70 | 58.0      |
| 121.90 | 106.0     |
| 122.90 | 150.0     |
| 123.70 | 116.0     |
| 125.10 | 713.0     |
| 125.80 | 210.0     |
| 126.90 | 155.0     |
| 127.90 | 763.0     |
| 128.80 | 416.0     |
| 130.00 | 957.0     |
| 131.00 | 418.0     |
| 133.00 | 767.0     |
| 133.90 | 302.0     |
| 134.90 | 548.0     |
| 135.70 | 233.0     |
| 137.00 | 383.0     |
| 138.90 | 104.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :

|        |          |
|--------|----------|
| 140.10 | 512.0    |
| 141.00 | 1937.0   |
| 142.00 | 435.0    |
| 143.00 | 3447.0   |
| 144.10 | 148.0    |
| 144.90 | 610.0    |
| 146.10 | 362.0    |
| 146.90 | 141.0    |
| 147.90 | 457.0    |
| 149.00 | 270.0    |
| 149.80 | 115.0    |
| 150.20 | 145.0    |
| 151.90 | 98.0     |
| 153.00 | 238.0    |
| 154.10 | 186.0    |
| 154.90 | 839.0    |
| 156.10 | 210.0    |
| 157.00 | 399.0    |
| 158.00 | 65.0     |
| 158.90 | 478.0    |
| 160.90 | 264.0    |
| 163.10 | 191.0    |
| 164.80 | 134.0    |
| 166.00 | 84.0     |
| 169.00 | 150.0    |
| 169.50 | 66.0     |
| 170.10 | 213.0    |
| 170.90 | 384.0    |
| 172.10 | 2634.0   |
| 173.90 | 168768.0 |
| 175.00 | 15225.0  |
| 176.00 | 164224.0 |
| 176.90 | 10759.0  |
| 177.90 | 393.0    |
| 178.80 | 105.0    |
| 179.30 | 117.0    |
| 190.90 | 593.0    |
| 192.00 | 136.0    |
| 193.00 | 1032.0   |
| 194.00 | 184.0    |
| 194.80 | 81.0     |
| 201.80 | 58.0     |
| 205.20 | 109.0    |
| 207.00 | 492.0    |
| 208.00 | 302.0    |
| 208.90 | 85.0     |
| 209.40 | 57.0     |
| 234.50 | 54.0     |
| 237.00 | 81.0     |
| 248.70 | 279.0    |
| 249.20 | 394.0    |
| 249.90 | 184.0    |
| 251.00 | 457.0    |
| 265.10 | 791.0    |
| 266.00 | 212.0    |
| 267.00 | 143.0    |
| 267.50 | 149.0    |
| 267.90 | 66.0     |
| 277.50 | 120.0    |
| 279.60 | 113.0    |
| 281.10 | 6691.0   |
| 282.00 | 1832.0   |
| 283.00 | 1164.0   |
| 284.00 | 245.0    |
| 287.00 | 114.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 2193.0    |
| 37.10  | 13878.0   |
| 38.00  | 13348.0   |
| 39.10  | 4615.0    |
| 40.00  | 1484.0    |
| 41.10  | 134.0     |
| 41.70  | 148.0     |
| 43.20  | 311.0     |
| 44.00  | 2469.0    |
| 45.00  | 2590.0    |
| 45.80  | 465.0     |
| 47.00  | 2681.0    |
| 48.00  | 1999.0    |
| 49.10  | 11365.0   |
| 50.00  | 49952.0   |
| 51.10  | 14617.0   |
| 52.00  | 1188.0    |
| 53.00  | 229.0     |
| 54.30  | 68.0      |
| 55.00  | 946.0     |
| 56.00  | 5160.0    |
| 57.00  | 7680.0    |
| 57.90  | 388.0     |
| 59.00  | 209.0     |
| 60.00  | 2084.0    |
| 61.00  | 12282.0   |
| 62.00  | 13111.0   |
| 63.10  | 10777.0   |
| 64.00  | 1237.0    |
| 65.00  | 1196.0    |
| 66.00  | 195.0     |
| 67.20  | 720.0     |
| 68.00  | 23736.0   |
| 69.10  | 27016.0   |
| 69.90  | 2083.0    |
| 71.10  | 181.0     |
| 72.00  | 1751.0    |
| 73.00  | 11573.0   |
| 74.00  | 45216.0   |
| 75.00  | 126240.0  |
| 76.00  | 10753.0   |
| 76.90  | 1381.0    |
| 77.90  | 885.0     |
| 78.90  | 11459.0   |
| 79.90  | 3032.0    |
| 81.00  | 11459.0   |
| 82.00  | 2494.0    |
| 83.00  | 305.0     |
| 85.10  | 105.0     |
| 85.60  | 287.0     |
| 87.00  | 9663.0    |
| 88.00  | 8326.0    |
| 90.00  | 87.0      |
| 91.00  | 1574.0    |
| 92.00  | 7175.0    |
| 93.00  | 10413.0   |
| 94.00  | 33464.0   |
| 95.00  | 241280.0  |
| 96.10  | 15533.0   |
| 97.10  | 375.0     |
| 102.00 | 75.0      |
| 103.10 | 282.0     |
| 103.90 | 1554.0    |
| 105.00 | 578.0     |
| 105.90 | 1255.0    |
| 107.10 | 411.0     |
| 108.10 | 55.0      |
| 110.00 | 226.0     |
| 110.90 | 426.0     |
| 111.90 | 399.0     |
| 112.80 | 319.0     |
| 114.80 | 323.0     |
| 115.90 | 938.0     |
| 116.90 | 1946.0    |
| 117.90 | 1192.0    |
| 118.90 | 1490.0    |
| 120.10 | 61.0      |
| 122.10 | 102.0     |
| 123.00 | 193.0     |
| 124.00 | 156.0     |
| 125.00 | 246.0     |
| 125.80 | 290.0     |
| 127.00 | 130.0     |
| 127.90 | 1048.0    |
| 129.10 | 658.0     |
| 129.90 | 862.0     |
| 131.10 | 370.0     |
| 131.70 | 64.0      |
| 133.10 | 755.0     |
| 134.10 | 198.0     |
| 134.90 | 589.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :

|        |          |
|--------|----------|
| 135.70 | 223.0    |
| 137.00 | 438.0    |
| 138.90 | 87.0     |
| 140.00 | 287.0    |
| 140.90 | 3136.0   |
| 141.90 | 451.0    |
| 142.90 | 3081.0   |
| 144.10 | 260.0    |
| 144.80 | 352.0    |
| 145.40 | 265.0    |
| 146.00 | 286.0    |
| 147.20 | 264.0    |
| 147.80 | 620.0    |
| 148.90 | 155.0    |
| 149.90 | 238.0    |
| 151.90 | 51.0     |
| 153.00 | 148.0    |
| 154.00 | 229.0    |
| 155.00 | 392.0    |
| 155.80 | 225.0    |
| 156.80 | 417.0    |
| 158.00 | 224.0    |
| 159.00 | 272.0    |
| 161.00 | 365.0    |
| 163.00 | 193.0    |
| 164.00 | 99.0     |
| 164.80 | 85.0     |
| 169.20 | 236.0    |
| 170.70 | 345.0    |
| 172.00 | 1807.0   |
| 174.00 | 208768.0 |
| 175.00 | 19448.0  |
| 175.90 | 203520.0 |
| 176.90 | 13911.0  |
| 177.90 | 550.0    |
| 179.00 | 79.0     |
| 189.00 | 54.0     |
| 191.00 | 785.0    |
| 192.00 | 179.0    |
| 193.00 | 900.0    |
| 194.10 | 256.0    |
| 201.60 | 90.0     |
| 203.70 | 145.0    |
| 205.10 | 101.0    |
| 206.90 | 736.0    |
| 208.10 | 205.0    |
| 209.20 | 110.0    |
| 234.90 | 63.0     |
| 237.00 | 65.0     |
| 249.00 | 721.0    |
| 249.90 | 67.0     |
| 251.00 | 241.0    |
| 265.00 | 869.0    |
| 266.10 | 223.0    |
| 267.10 | 152.0    |
| 279.90 | 281.0    |
| 281.00 | 7487.0   |
| 282.10 | 2191.0   |
| 283.00 | 822.0    |
| 284.00 | 210.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1920.0    |
| 37.00  | 9558.0    |
| 38.10  | 8614.0    |
| 39.10  | 4159.0    |
| 40.00  | 1456.0    |
| 40.80  | 79.0      |
| 41.30  | 102.0     |
| 41.90  | 174.0     |
| 42.90  | 139.0     |
| 44.10  | 2092.0    |
| 45.10  | 1875.0    |
| 46.00  | 307.0     |
| 47.10  | 1468.0    |
| 48.00  | 1276.0    |
| 49.10  | 7778.0    |
| 50.10  | 35008.0   |
| 51.00  | 11800.0   |
| 52.10  | 685.0     |
| 54.10  | 90.0      |
| 55.00  | 676.0     |
| 56.00  | 3470.0    |
| 57.00  | 6105.0    |
| 58.00  | 175.0     |
| 59.00  | 289.0     |
| 60.00  | 1801.0    |
| 61.00  | 9366.0    |
| 62.10  | 8120.0    |
| 63.00  | 6916.0    |
| 64.00  | 1065.0    |
| 65.10  | 1034.0    |
| 66.00  | 138.0     |
| 67.00  | 762.0     |
| 68.00  | 19960.0   |
| 69.00  | 20568.0   |
| 69.90  | 1621.0    |
| 72.00  | 1079.0    |
| 73.00  | 9396.0    |
| 74.00  | 35088.0   |
| 75.00  | 95576.0   |
| 76.00  | 7399.0    |
| 76.90  | 876.0     |
| 78.00  | 964.0     |
| 78.90  | 8161.0    |
| 79.90  | 2382.0    |
| 80.90  | 8748.0    |
| 82.00  | 2150.0    |
| 83.00  | 351.0     |
| 85.10  | 58.0      |
| 86.10  | 446.0     |
| 87.00  | 6674.0    |
| 88.00  | 6466.0    |
| 89.90  | 155.0     |
| 90.90  | 975.0     |
| 92.00  | 5659.0    |
| 93.00  | 9429.0    |
| 94.10  | 25456.0   |
| 95.00  | 184960.0  |
| 96.10  | 12544.0   |
| 97.10  | 339.0     |
| 101.70 | 80.0      |
| 102.70 | 196.0     |
| 103.90 | 1219.0    |
| 104.70 | 347.0     |
| 105.90 | 888.0     |
| 106.90 | 274.0     |
| 109.90 | 219.0     |
| 110.90 | 386.0     |
| 111.90 | 303.0     |
| 112.90 | 198.0     |
| 114.90 | 197.0     |
| 116.00 | 967.0     |
| 116.80 | 1127.0    |
| 118.00 | 1002.0    |
| 118.90 | 1155.0    |
| 122.10 | 57.0      |
| 124.00 | 272.0     |
| 125.00 | 171.0     |
| 126.20 | 179.0     |
| 127.00 | 87.0      |
| 127.90 | 732.0     |
| 128.90 | 489.0     |
| 130.00 | 762.0     |
| 130.80 | 282.0     |
| 131.80 | 66.0      |
| 133.20 | 362.0     |
| 133.80 | 281.0     |
| 134.90 | 377.0     |
| 136.90 | 523.0     |
| 139.90 | 130.0     |
| 140.80 | 2192.0    |
| 142.00 | 350.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :

|        |          |
|--------|----------|
| 142.90 | 3341.0   |
| 144.10 | 208.0    |
| 145.10 | 211.0    |
| 145.90 | 302.0    |
| 146.80 | 221.0    |
| 147.70 | 447.0    |
| 148.90 | 189.0    |
| 149.90 | 211.0    |
| 151.80 | 93.0     |
| 152.80 | 96.0     |
| 153.10 | 102.0    |
| 154.00 | 248.0    |
| 154.90 | 843.0    |
| 155.80 | 165.0    |
| 156.90 | 207.0    |
| 158.00 | 115.0    |
| 158.70 | 446.0    |
| 159.30 | 172.0    |
| 160.90 | 530.0    |
| 162.10 | 58.0     |
| 163.20 | 65.0     |
| 164.00 | 65.0     |
| 164.90 | 70.0     |
| 167.00 | 82.0     |
| 167.80 | 112.0    |
| 169.40 | 106.0    |
| 169.90 | 350.0    |
| 171.10 | 467.0    |
| 172.00 | 2185.0   |
| 173.90 | 174208.0 |
| 175.00 | 13325.0  |
| 175.90 | 170240.0 |
| 176.90 | 11563.0  |
| 178.00 | 149.0    |
| 179.00 | 197.0    |
| 191.00 | 459.0    |
| 191.70 | 81.0     |
| 192.10 | 93.0     |
| 192.80 | 480.0    |
| 194.20 | 165.0    |
| 207.10 | 692.0    |
| 208.20 | 95.0     |
| 234.80 | 80.0     |
| 248.80 | 290.0    |
| 251.00 | 146.0    |
| 265.10 | 465.0    |
| 266.10 | 182.0    |
| 266.70 | 75.0     |
| 267.30 | 116.0    |
| 269.00 | 82.0     |
| 278.70 | 93.0     |
| 279.60 | 231.0    |
| 280.10 | 223.0    |
| 281.10 | 5193.0   |
| 282.10 | 1389.0   |
| 283.00 | 804.0    |
| 284.00 | 372.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :

| m/z    | Abundance |
|--------|-----------|
| 38.00  | 126.0     |
| 39.30  | 220.0     |
| 40.00  | 1210.0    |
| 41.00  | 203.0     |
| 42.40  | 68.0      |
| 43.00  | 131.0     |
| 44.10  | 312.0     |
| 45.00  | 164.0     |
| 45.70  | 58.0      |
| 47.20  | 65.0      |
| 47.70  | 129.0     |
| 48.20  | 64.0      |
| 55.10  | 68.0      |
| 62.80  | 58.0      |
| 64.00  | 76.0      |
| 80.30  | 64.0      |
| 96.40  | 53.0      |
| 107.20 | 68.0      |
| 112.30 | 58.0      |
| 118.50 | 105.0     |
| 122.60 | 65.0      |
| 147.30 | 125.0     |
| 192.80 | 104.0     |
| 207.20 | 92.0      |
| 266.90 | 56.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :