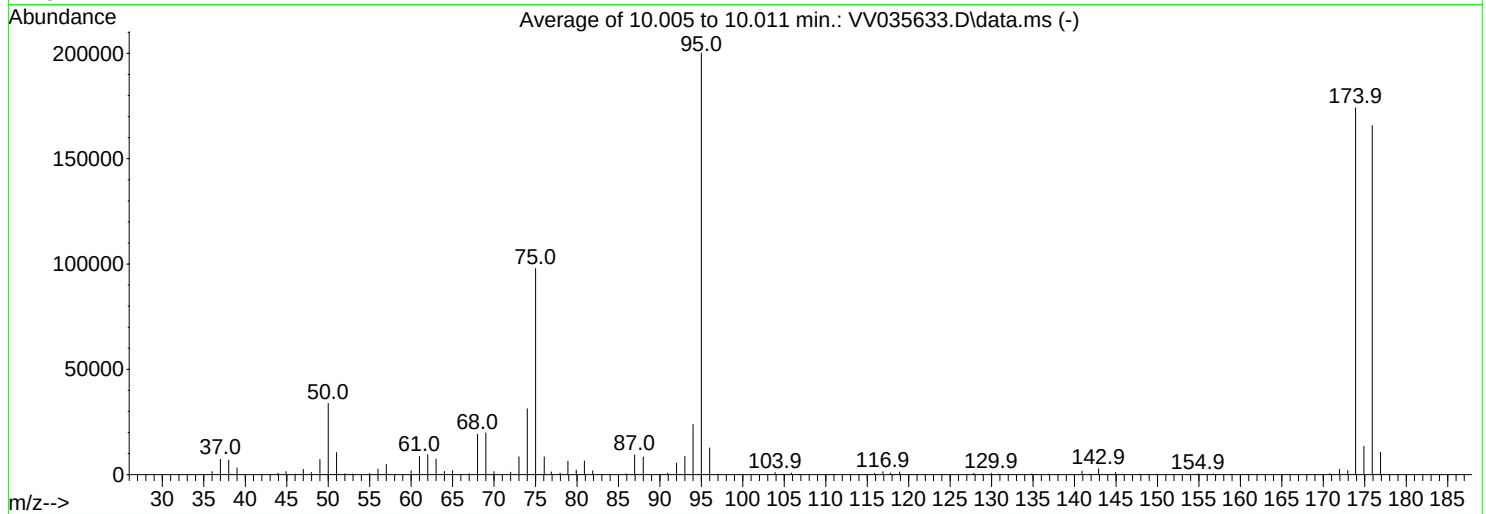
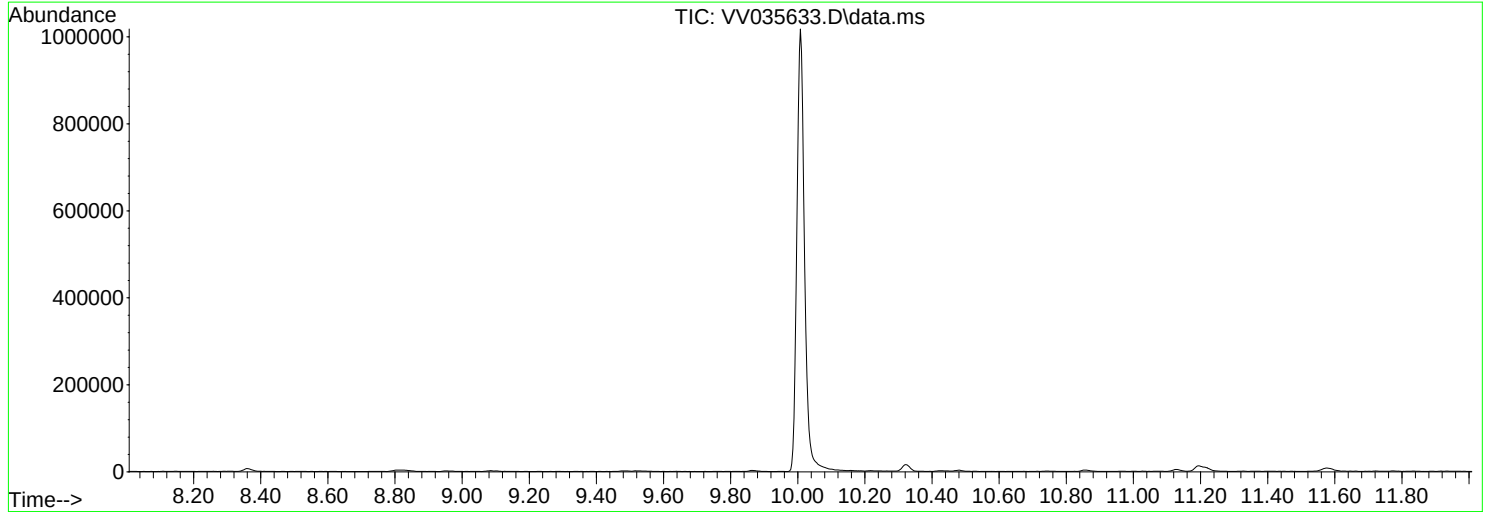


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052124\  
Data File : VV035633.D  
Acq On : 21 May 2024 07:54  
Operator : SY/MD  
Sample : BFB305  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB305

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Title : VOC Analysis  
Last Update : Fri May 24 05:19:06 2024



AutoFind: Scans 2788, 2789, 2790; Background Corrected with Scan 2777

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 50             | 95              | 15              | 40              | 16.9         | 33803      | PASS                |
| 75             | 95              | 30              | 80              | 48.9         | 97835      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 200256     | PASS                |
| 96             | 95              | 5               | 9               | 6.4          | 12726      | PASS                |
| 173            | 174             | 0.00            | 2               | 1.1          | 1965       | PASS                |
| 174            | 95              | 50              | 120             | 87.0         | 174208     | PASS                |
| 175            | 174             | 5               | 9               | 7.7          | 13480      | PASS                |
| 176            | 174             | 95              | 101             | 95.2         | 165760     | PASS                |
| 177            | 176             | 5               | 9               | 6.4          | 10553      | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 39.90 | 344.0     |
| 43.90 | 573.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB305

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1515.0    |
| 37.00  | 7608.0    |
| 38.00  | 7133.0    |
| 39.00  | 3277.0    |
| 40.00  | 486.0     |
| 44.00  | 1299.0    |
| 44.90  | 1409.0    |
| 46.00  | 308.0     |
| 47.00  | 2426.0    |
| 48.00  | 1177.0    |
| 49.00  | 7251.0    |
| 50.00  | 34048.0   |
| 51.00  | 10183.0   |
| 52.00  | 473.0     |
| 53.00  | 382.0     |
| 55.00  | 521.0     |
| 56.00  | 2702.0    |
| 57.00  | 5025.0    |
| 58.10  | 227.0     |
| 60.00  | 1923.0    |
| 61.00  | 8803.0    |
| 62.00  | 9448.0    |
| 63.00  | 7337.0    |
| 64.00  | 1574.0    |
| 65.00  | 1927.0    |
| 66.00  | 213.0     |
| 67.00  | 465.0     |
| 68.00  | 18528.0   |
| 69.00  | 19504.0   |
| 70.00  | 1433.0    |
| 72.00  | 1068.0    |
| 73.00  | 8260.0    |
| 74.00  | 31896.0   |
| 75.00  | 97088.0   |
| 76.00  | 8492.0    |
| 76.90  | 1269.0    |
| 78.00  | 817.0     |
| 78.90  | 6469.0    |
| 79.90  | 2158.0    |
| 80.90  | 6428.0    |
| 81.90  | 1693.0    |
| 83.00  | 113.0     |
| 85.90  | 451.0     |
| 86.90  | 9517.0    |
| 88.00  | 8466.0    |
| 90.90  | 681.0     |
| 92.00  | 5582.0    |
| 93.00  | 8416.0    |
| 94.00  | 23872.0   |
| 95.00  | 196480.0  |
| 96.00  | 12934.0   |
| 97.00  | 345.0     |
| 103.90 | 912.0     |
| 104.80 | 279.0     |
| 105.80 | 753.0     |
| 106.90 | 178.0     |
| 110.80 | 139.0     |
| 112.00 | 102.0     |
| 112.80 | 122.0     |
| 114.80 | 205.0     |
| 115.90 | 605.0     |
| 116.90 | 1400.0    |
| 117.80 | 689.0     |
| 118.90 | 1362.0    |
| 123.70 | 108.0     |
| 127.90 | 586.0     |
| 128.90 | 263.0     |
| 130.00 | 676.0     |
| 130.90 | 272.0     |
| 134.80 | 432.0     |
| 136.80 | 297.0     |
| 139.90 | 121.0     |
| 140.90 | 1665.0    |
| 141.80 | 215.0     |
| 142.90 | 2779.0    |
| 143.80 | 191.0     |
| 144.90 | 1068.0    |
| 145.90 | 335.0     |
| 146.80 | 129.0     |
| 147.80 | 335.0     |
| 148.70 | 182.0     |
| 149.80 | 244.0     |
| 151.80 | 113.0     |
| 152.70 | 152.0     |
| 153.80 | 123.0     |
| 154.90 | 463.0     |
| 156.80 | 324.0     |
| 158.70 | 198.0     |
| 160.80 | 182.0     |
| 170.80 | 438.0     |
| 171.90 | 2509.0    |
| 172.90 | 1988.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB305

|        |          |
|--------|----------|
| 173.90 | 168000.0 |
| 174.90 | 13295.0  |
| 175.90 | 159488.0 |
| 176.90 | 10493.0  |
| 177.90 | 292.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB305

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1515.0    |
| 37.00  | 7550.0    |
| 38.00  | 7224.0    |
| 39.00  | 3243.0    |
| 40.00  | 414.0     |
| 43.10  | 123.0     |
| 44.00  | 1288.0    |
| 44.90  | 1497.0    |
| 46.00  | 319.0     |
| 47.00  | 2635.0    |
| 48.00  | 1108.0    |
| 49.00  | 7535.0    |
| 50.00  | 34936.0   |
| 51.00  | 10811.0   |
| 52.00  | 524.0     |
| 52.90  | 402.0     |
| 55.00  | 533.0     |
| 56.00  | 2722.0    |
| 57.00  | 5045.0    |
| 58.10  | 242.0     |
| 60.00  | 1967.0    |
| 61.00  | 8966.0    |
| 62.00  | 9837.0    |
| 63.00  | 7633.0    |
| 64.00  | 1580.0    |
| 65.00  | 1983.0    |
| 65.90  | 208.0     |
| 67.00  | 586.0     |
| 68.00  | 19920.0   |
| 69.00  | 20504.0   |
| 70.00  | 1528.0    |
| 72.00  | 1171.0    |
| 73.00  | 8832.0    |
| 74.00  | 32216.0   |
| 75.00  | 101176.0  |
| 76.00  | 8740.0    |
| 76.90  | 1285.0    |
| 78.00  | 742.0     |
| 78.90  | 6609.0    |
| 79.90  | 2228.0    |
| 80.90  | 6707.0    |
| 81.90  | 1874.0    |
| 83.10  | 112.0     |
| 85.90  | 468.0     |
| 87.00  | 9760.0    |
| 88.00  | 8646.0    |
| 90.90  | 681.0     |
| 92.00  | 5674.0    |
| 93.00  | 8961.0    |
| 94.00  | 24752.0   |
| 95.00  | 207488.0  |
| 96.00  | 13076.0   |
| 97.00  | 358.0     |
| 103.90 | 1004.0    |
| 104.90 | 283.0     |
| 105.90 | 713.0     |
| 106.80 | 169.0     |
| 110.80 | 168.0     |
| 112.00 | 147.0     |
| 112.90 | 140.0     |
| 114.70 | 212.0     |
| 115.90 | 674.0     |
| 116.90 | 1464.0    |
| 117.80 | 765.0     |
| 118.90 | 1378.0    |
| 123.70 | 109.0     |
| 127.80 | 719.0     |
| 128.80 | 320.0     |
| 130.00 | 740.0     |
| 130.80 | 276.0     |
| 134.80 | 474.0     |
| 136.80 | 323.0     |
| 139.90 | 115.0     |
| 140.90 | 1762.0    |
| 141.80 | 218.0     |
| 142.90 | 2918.0    |
| 143.80 | 163.0     |
| 144.90 | 1088.0    |
| 145.90 | 335.0     |
| 146.80 | 159.0     |
| 147.80 | 346.0     |
| 148.70 | 168.0     |
| 149.80 | 236.0     |
| 151.80 | 118.0     |
| 152.60 | 145.0     |
| 153.80 | 136.0     |
| 154.90 | 510.0     |
| 156.80 | 356.0     |
| 158.80 | 234.0     |
| 160.80 | 195.0     |
| 170.80 | 492.0     |
| 172.00 | 2591.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB305

|        |          |
|--------|----------|
| 172.90 | 2043.0   |
| 173.90 | 180736.0 |
| 174.90 | 14023.0  |
| 175.90 | 171584.0 |
| 176.90 | 10944.0  |
| 177.90 | 329.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB305

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1322.0    |
| 37.00  | 6659.0    |
| 38.00  | 6439.0    |
| 39.00  | 2985.0    |
| 40.00  | 376.0     |
| 43.00  | 162.0     |
| 44.00  | 1269.0    |
| 44.90  | 1326.0    |
| 46.10  | 285.0     |
| 47.00  | 2445.0    |
| 47.90  | 962.0     |
| 49.00  | 6823.0    |
| 50.00  | 32424.0   |
| 51.00  | 10457.0   |
| 52.00  | 490.0     |
| 52.90  | 368.0     |
| 55.00  | 502.0     |
| 56.00  | 2463.0    |
| 57.00  | 4555.0    |
| 58.00  | 250.0     |
| 60.00  | 1813.0    |
| 61.00  | 8287.0    |
| 62.00  | 9222.0    |
| 63.00  | 7194.0    |
| 64.00  | 1374.0    |
| 65.00  | 1870.0    |
| 65.80  | 216.0     |
| 67.00  | 615.0     |
| 68.00  | 19000.0   |
| 69.00  | 19448.0   |
| 70.00  | 1452.0    |
| 72.00  | 1128.0    |
| 73.00  | 8476.0    |
| 74.00  | 29808.0   |
| 75.00  | 95240.0   |
| 76.10  | 8042.0    |
| 76.90  | 1257.0    |
| 77.90  | 627.0     |
| 78.90  | 6124.0    |
| 79.90  | 2098.0    |
| 80.90  | 6265.0    |
| 81.90  | 1874.0    |
| 83.10  | 156.0     |
| 85.90  | 424.0     |
| 87.00  | 8826.0    |
| 88.00  | 8033.0    |
| 90.90  | 630.0     |
| 92.00  | 5179.0    |
| 93.00  | 8623.0    |
| 94.00  | 23048.0   |
| 95.00  | 196800.0  |
| 96.00  | 12169.0   |
| 97.00  | 339.0     |
| 103.90 | 964.0     |
| 104.90 | 267.0     |
| 105.90 | 618.0     |
| 106.80 | 171.0     |
| 109.90 | 110.0     |
| 110.80 | 179.0     |
| 112.00 | 193.0     |
| 112.90 | 141.0     |
| 114.80 | 213.0     |
| 115.90 | 670.0     |
| 116.90 | 1399.0    |
| 117.80 | 781.0     |
| 118.90 | 1235.0    |
| 127.90 | 749.0     |
| 128.80 | 356.0     |
| 129.90 | 646.0     |
| 130.80 | 275.0     |
| 134.90 | 434.0     |
| 136.90 | 371.0     |
| 139.90 | 109.0     |
| 140.90 | 1626.0    |
| 141.80 | 223.0     |
| 142.90 | 2690.0    |
| 143.80 | 161.0     |
| 145.00 | 1010.0    |
| 145.80 | 344.0     |
| 146.80 | 170.0     |
| 147.80 | 323.0     |
| 148.80 | 136.0     |
| 149.90 | 187.0     |
| 151.80 | 108.0     |
| 152.70 | 125.0     |
| 153.80 | 137.0     |
| 154.90 | 499.0     |
| 156.80 | 380.0     |
| 158.90 | 241.0     |
| 160.80 | 168.0     |
| 170.80 | 442.0     |
| 171.90 | 2357.0    |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB305

|        |          |
|--------|----------|
| 173.00 | 1864.0   |
| 173.90 | 173888.0 |
| 174.90 | 13122.0  |
| 175.90 | 166208.0 |
| 176.90 | 10221.0  |
| 177.90 | 333.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB305