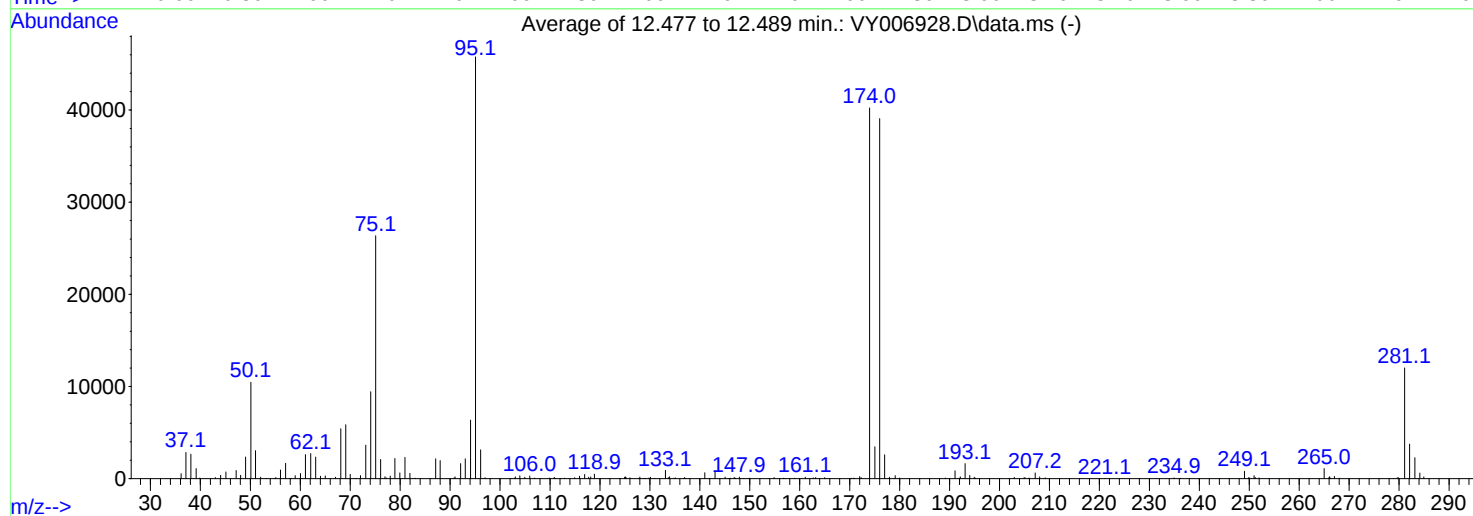
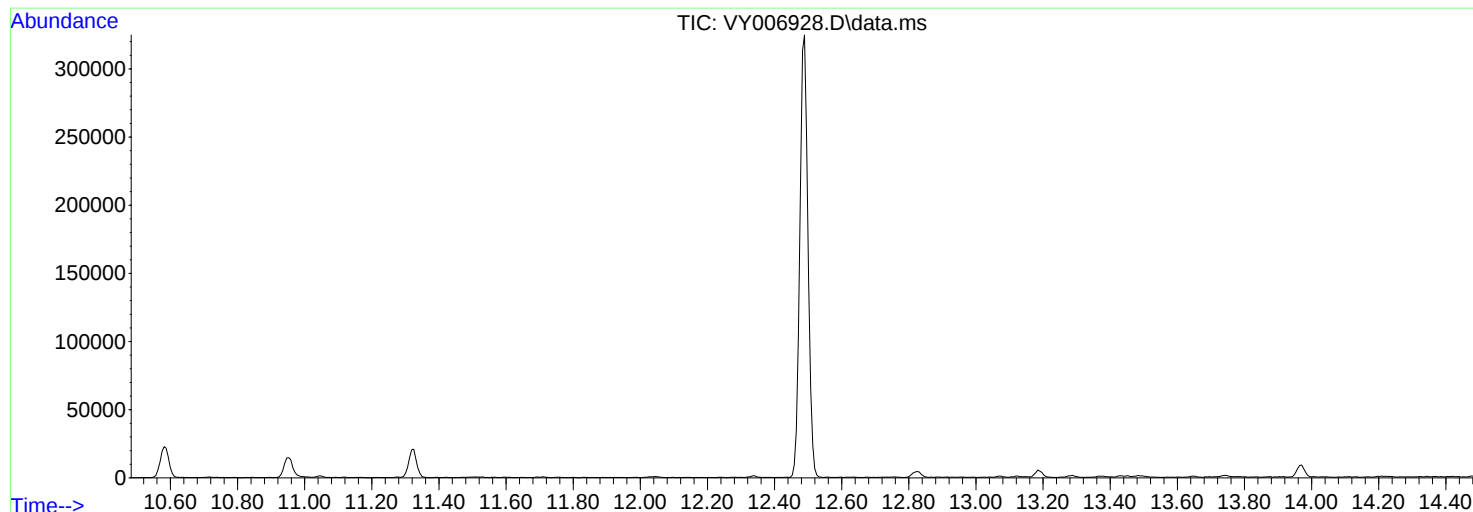


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120421\  
 Data File : VY006928.D  
 Acq On : 04 Dec 2021 09:15  
 Operator : SY/MD  
 Sample : BFB802  
 Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB802

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.M  
 Title : VOC Analysis  
 Last Update : Tue Dec 07 04:00:28 2021



AutoFind: Scans 1748, 1749, 1750; Background Corrected with Scan 1741

| 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              | 22.8         | 10457      | PASS                |
| 75             | 95              | 30              | 80              | 57.6         | 26357      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 45773      | PASS                |
| 96             | 95              | 5               | 9               | 6.8          | 3135       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 87.9         | 40224      | PASS                |
| 175            | 174             | 5               | 9               | 8.6          | 3450       | PASS                |
| 176            | 174             | 95              | 105             | 97.1         | 39075      | PASS                |
| 177            | 176             | 5               | 10              | 6.6          | 2589       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 40.10  | 113.0     |
| 44.00  | 161.0     |
| 206.90 | 111.0     |
| 207.20 | 99.0      |

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
BFB802

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 500.0     |
| 37.10  | 2629.0    |
| 38.10  | 2315.0    |
| 39.10  | 969.0     |
| 43.10  | 96.0      |
| 44.10  | 467.0     |
| 45.20  | 542.0     |
| 47.20  | 899.0     |
| 48.00  | 398.0     |
| 49.10  | 1900.0    |
| 50.10  | 9222.0    |
| 51.10  | 2473.0    |
| 52.00  | 172.0     |
| 53.20  | 85.0      |
| 54.90  | 109.0     |
| 56.00  | 845.0     |
| 57.00  | 1460.0    |
| 57.90  | 99.0      |
| 59.10  | 257.0     |
| 60.00  | 442.0     |
| 61.10  | 1986.0    |
| 62.10  | 2279.0    |
| 63.10  | 2124.0    |
| 64.10  | 230.0     |
| 65.20  | 246.0     |
| 67.10  | 94.0      |
| 68.10  | 4252.0    |
| 69.10  | 4600.0    |
| 70.00  | 525.0     |
| 71.30  | 68.0      |
| 72.00  | 233.0     |
| 73.10  | 2883.0    |
| 74.10  | 7690.0    |
| 75.10  | 21248.0   |
| 76.10  | 1755.0    |
| 76.90  | 237.0     |
| 78.00  | 210.0     |
| 78.90  | 1540.0    |
| 80.00  | 508.0     |
| 80.90  | 1795.0    |
| 82.00  | 520.0     |
| 87.10  | 1812.0    |
| 88.00  | 1737.0    |
| 90.80  | 260.0     |
| 92.10  | 1487.0    |
| 93.10  | 1810.0    |
| 94.10  | 4957.0    |
| 95.10  | 37776.0   |
| 96.10  | 2541.0    |
| 97.00  | 66.0      |
| 102.90 | 172.0     |
| 104.00 | 259.0     |
| 105.00 | 119.0     |
| 106.00 | 292.0     |
| 106.90 | 99.0      |
| 110.90 | 89.0      |
| 115.00 | 91.0      |
| 115.90 | 209.0     |
| 116.90 | 257.0     |
| 117.70 | 200.0     |
| 118.20 | 233.0     |
| 118.90 | 332.0     |
| 125.00 | 218.0     |
| 126.00 | 125.0     |
| 127.80 | 94.0      |
| 128.80 | 57.0      |
| 129.80 | 205.0     |
| 133.20 | 358.0     |
| 133.70 | 352.0     |
| 136.70 | 54.0      |
| 137.20 | 57.0      |
| 141.10 | 482.0     |
| 143.10 | 687.0     |
| 145.10 | 116.0     |
| 146.20 | 64.0      |
| 146.90 | 144.0     |
| 147.90 | 125.0     |
| 154.90 | 78.0      |
| 157.10 | 67.0      |
| 161.10 | 92.0      |
| 162.80 | 56.0      |
| 165.00 | 60.0      |
| 170.80 | 66.0      |
| 172.00 | 293.0     |
| 174.00 | 29688.0   |
| 175.00 | 2452.0    |
| 176.00 | 28616.0   |
| 177.00 | 2004.0    |
| 178.10 | 96.0      |
| 178.90 | 72.0      |
| 191.00 | 475.0     |
| 191.90 | 138.0     |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB802

|        |        |
|--------|--------|
| 193.10 | 646.0  |
| 194.10 | 206.0  |
| 194.90 | 126.0  |
| 203.00 | 84.0   |
| 204.90 | 101.0  |
| 207.20 | 543.0  |
| 207.90 | 90.0   |
| 208.90 | 66.0   |
| 249.00 | 295.0  |
| 249.90 | 135.0  |
| 251.00 | 219.0  |
| 265.00 | 412.0  |
| 266.00 | 149.0  |
| 267.00 | 130.0  |
| 281.10 | 4952.0 |
| 282.10 | 1506.0 |
| 283.20 | 785.0  |
| 284.10 | 254.0  |
| 285.00 | 65.0   |

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
BFB802

| m/z    | Abundance |
|--------|-----------|
| 36.20  | 516.0     |
| 37.10  | 3094.0    |
| 38.10  | 2946.0    |
| 39.10  | 1505.0    |
| 39.90  | 229.0     |
| 42.90  | 147.0     |
| 44.20  | 616.0     |
| 45.00  | 741.0     |
| 47.10  | 843.0     |
| 48.00  | 346.0     |
| 49.10  | 3024.0    |
| 50.10  | 12112.0   |
| 51.00  | 3609.0    |
| 52.10  | 147.0     |
| 55.10  | 177.0     |
| 56.10  | 1053.0    |
| 57.00  | 1910.0    |
| 58.20  | 60.0      |
| 59.00  | 187.0     |
| 60.10  | 566.0     |
| 61.10  | 2996.0    |
| 62.10  | 3153.0    |
| 63.10  | 2790.0    |
| 64.10  | 278.0     |
| 65.00  | 435.0     |
| 67.10  | 225.0     |
| 68.10  | 5994.0    |
| 69.10  | 6701.0    |
| 70.00  | 488.0     |
| 72.10  | 491.0     |
| 73.10  | 3840.0    |
| 74.10  | 10702.0   |
| 75.10  | 30360.0   |
| 76.10  | 2207.0    |
| 77.00  | 370.0     |
| 77.90  | 216.0     |
| 79.00  | 2672.0    |
| 79.90  | 656.0     |
| 81.00  | 2770.0    |
| 81.90  | 636.0     |
| 83.00  | 54.0      |
| 87.00  | 2269.0    |
| 88.00  | 1976.0    |
| 91.00  | 327.0     |
| 92.10  | 1837.0    |
| 93.00  | 2267.0    |
| 94.10  | 7554.0    |
| 95.10  | 51496.0   |
| 96.10  | 3659.0    |
| 97.10  | 116.0     |
| 103.10 | 227.0     |
| 103.90 | 273.0     |
| 105.00 | 115.0     |
| 106.00 | 237.0     |
| 106.90 | 56.0      |
| 109.90 | 120.0     |
| 110.70 | 115.0     |
| 111.10 | 104.0     |
| 112.90 | 54.0      |
| 115.00 | 72.0      |
| 115.90 | 293.0     |
| 117.00 | 542.0     |
| 118.10 | 335.0     |
| 118.80 | 458.0     |
| 124.90 | 274.0     |
| 125.30 | 252.0     |
| 128.00 | 231.0     |
| 129.10 | 53.0      |
| 130.10 | 264.0     |
| 133.20 | 934.0     |
| 134.00 | 251.0     |
| 134.80 | 155.0     |
| 136.90 | 147.0     |
| 141.00 | 627.0     |
| 141.90 | 57.0      |
| 143.00 | 900.0     |
| 145.00 | 215.0     |
| 146.10 | 114.0     |
| 147.10 | 143.0     |
| 147.80 | 203.0     |
| 149.90 | 76.0      |
| 154.80 | 194.0     |
| 159.00 | 60.0      |
| 161.10 | 103.0     |
| 162.70 | 212.0     |
| 163.30 | 81.0      |
| 165.20 | 118.0     |
| 170.30 | 71.0      |
| 170.80 | 91.0      |
| 172.30 | 348.0     |
| 174.00 | 43904.0   |
| 175.10 | 3855.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB802

|        |         |
|--------|---------|
| 176.00 | 43400.0 |
| 177.00 | 2697.0  |
| 177.90 | 234.0   |
| 179.10 | 389.0   |
| 180.00 | 87.0    |
| 189.20 | 104.0   |
| 191.10 | 655.0   |
| 192.10 | 250.0   |
| 193.00 | 1552.0  |
| 194.00 | 406.0   |
| 195.20 | 173.0   |
| 202.80 | 115.0   |
| 203.10 | 111.0   |
| 204.90 | 139.0   |
| 205.90 | 78.0    |
| 207.10 | 571.0   |
| 208.00 | 143.0   |
| 209.10 | 109.0   |
| 234.90 | 124.0   |
| 236.20 | 75.0    |
| 249.00 | 832.0   |
| 250.10 | 230.0   |
| 251.00 | 412.0   |
| 252.00 | 115.0   |
| 265.10 | 1181.0  |
| 265.90 | 197.0   |
| 266.30 | 215.0   |
| 267.00 | 202.0   |
| 278.90 | 55.0    |
| 279.60 | 213.0   |
| 281.10 | 11203.0 |
| 282.10 | 3591.0  |
| 283.00 | 2458.0  |
| 284.00 | 643.0   |
| 285.00 | 261.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB802

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 582.0     |
| 37.10  | 2848.0    |
| 38.10  | 2724.0    |
| 39.20  | 829.0     |
| 40.10  | 142.0     |
| 43.00  | 135.0     |
| 44.00  | 514.0     |
| 45.10  | 918.0     |
| 47.10  | 923.0     |
| 48.10  | 340.0     |
| 49.00  | 2100.0    |
| 50.10  | 10036.0   |
| 51.10  | 3035.0    |
| 52.00  | 163.0     |
| 55.10  | 170.0     |
| 56.00  | 921.0     |
| 57.10  | 1639.0    |
| 58.20  | 60.0      |
| 59.00  | 532.0     |
| 60.00  | 678.0     |
| 61.00  | 2856.0    |
| 62.10  | 2728.0    |
| 63.10  | 2098.0    |
| 64.00  | 269.0     |
| 64.90  | 214.0     |
| 67.00  | 170.0     |
| 68.10  | 6036.0    |
| 69.10  | 6279.0    |
| 70.00  | 412.0     |
| 71.00  | 72.0      |
| 72.10  | 290.0     |
| 73.10  | 4150.0    |
| 74.10  | 9876.0    |
| 75.10  | 27464.0   |
| 76.10  | 2310.0    |
| 77.20  | 276.0     |
| 78.10  | 386.0     |
| 79.00  | 2334.0    |
| 80.00  | 714.0     |
| 81.00  | 2378.0    |
| 82.00  | 588.0     |
| 83.00  | 115.0     |
| 87.20  | 2380.0    |
| 88.00  | 2160.0    |
| 91.00  | 267.0     |
| 92.10  | 1585.0    |
| 93.00  | 2401.0    |
| 94.10  | 6545.0    |
| 95.10  | 48048.0   |
| 96.10  | 3206.0    |
| 96.90  | 138.0     |
| 103.00 | 359.0     |
| 103.90 | 430.0     |
| 104.90 | 235.0     |
| 105.90 | 352.0     |
| 107.00 | 55.0      |
| 109.90 | 82.0      |
| 110.90 | 236.0     |
| 112.20 | 97.0      |
| 113.00 | 83.0      |
| 114.90 | 161.0     |
| 115.90 | 304.0     |
| 117.00 | 552.0     |
| 117.80 | 258.0     |
| 119.00 | 696.0     |
| 124.10 | 57.0      |
| 125.10 | 570.0     |
| 126.00 | 177.0     |
| 128.00 | 295.0     |
| 129.10 | 56.0      |
| 130.10 | 205.0     |
| 131.00 | 113.0     |
| 133.00 | 1411.0    |
| 133.90 | 378.0     |
| 135.10 | 250.0     |
| 137.00 | 199.0     |
| 140.90 | 827.0     |
| 142.00 | 57.0      |
| 143.00 | 894.0     |
| 144.00 | 62.0      |
| 145.10 | 187.0     |
| 145.70 | 66.0      |
| 146.90 | 273.0     |
| 148.00 | 207.0     |
| 148.80 | 96.0      |
| 149.80 | 82.0      |
| 154.80 | 104.0     |
| 156.80 | 150.0     |
| 159.00 | 78.0      |
| 161.10 | 282.0     |
| 163.20 | 301.0     |
| 164.00 | 108.0     |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB802

|        |         |
|--------|---------|
| 165.00 | 241.0   |
| 170.30 | 86.0    |
| 171.00 | 87.0    |
| 172.00 | 396.0   |
| 174.00 | 47080.0 |
| 175.00 | 4044.0  |
| 176.00 | 45208.0 |
| 177.00 | 3067.0  |
| 178.00 | 165.0   |
| 179.10 | 588.0   |
| 180.00 | 99.0    |
| 189.10 | 111.0   |
| 191.10 | 1415.0  |
| 192.20 | 327.0   |
| 193.10 | 2689.0  |
| 194.00 | 410.0   |
| 195.00 | 359.0   |
| 203.00 | 137.0   |
| 205.10 | 375.0   |
| 205.90 | 124.0   |
| 207.10 | 1066.0  |
| 208.10 | 341.0   |
| 209.20 | 176.0   |
| 221.10 | 68.0    |
| 235.00 | 123.0   |
| 236.20 | 77.0    |
| 249.10 | 1288.0  |
| 249.90 | 231.0   |
| 250.90 | 384.0   |
| 251.20 | 398.0   |
| 251.90 | 157.0   |
| 265.00 | 1691.0  |
| 266.10 | 629.0   |
| 267.10 | 381.0   |
| 268.00 | 135.0   |
| 279.80 | 448.0   |
| 281.10 | 19904.0 |
| 282.10 | 6155.0  |
| 283.20 | 3597.0  |
| 284.20 | 930.0   |
| 284.90 | 239.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB802