

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\  
 Data File : VW010235.D  
 Acq On : 01 May 2019 03:47  
 Operator : SY/VA  
 Sample : K2602-13  
 Misc : 4.77G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFHD8

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.959       | 6             | 9           | 18           | rVB2     | 5552           | 12091         | 0.74%           | 0.100%        |
| 2         | 2.154       | 38            | 41          | 42           | rBV3     | 3361           | 4038          | 0.25%           | 0.033%        |
| 3         | 2.361       | 69            | 75          | 86           | rBV      | 58434          | 144216        | 8.82%           | 1.193%        |
| 4         | 2.891       | 155           | 162         | 176          | rBV      | 55247          | 162568        | 9.94%           | 1.344%        |
| 5         | 4.013       | 334           | 346         | 360          | rBV2     | 135685         | 467810        | 28.61%          | 3.869%        |
| 6         | 4.196       | 370           | 376         | 389          | rVB2     | 17931          | 52226         | 3.19%           | 0.432%        |
| 7         | 4.397       | 401           | 409         | 420          | rVB      | 12062          | 37711         | 2.31%           | 0.312%        |
| 8         | 4.537       | 430           | 432         | 434          | rBV2     | 1055           | 1211          | 0.07%           | 0.010%        |
| 9         | 4.763       | 467           | 469         | 472          | rBV3     | 1106           | 1265          | 0.08%           | 0.010%        |
| 10        | 4.922       | 482           | 495         | 509          | rVV3     | 10920          | 48151         | 2.94%           | 0.398%        |
| 11        | 5.805       | 635           | 640         | 641          | rBV4     | 925            | 1164          | 0.07%           | 0.010%        |
| 12        | 5.873       | 645           | 651         | 653          | rBV2     | 983            | 1937          | 0.12%           | 0.016%        |
| 13        | 5.909       | 653           | 657         | 659          | rBV4     | 1430           | 1973          | 0.12%           | 0.016%        |
| 14        | 6.074       | 673           | 684         | 696          | rBV4     | 11346          | 39629         | 2.42%           | 0.328%        |
| 15        | 6.903       | 816           | 820         | 821          | rBV      | 1069           | 1236          | 0.08%           | 0.010%        |
| 16        | 6.952       | 821           | 828         | 837          | rVB6     | 3727           | 9448          | 0.58%           | 0.078%        |
| 17        | 7.080       | 837           | 849         | 857          | rBV      | 57868          | 168263        | 10.29%          | 1.392%        |
| 18        | 7.372       | 895           | 897         | 901          | rBV3     | 1007           | 1379          | 0.08%           | 0.011%        |
| 19        | 7.458       | 909           | 911         | 915          | rVB4     | 837            | 1209          | 0.07%           | 0.010%        |
| 20        | 7.647       | 930           | 942         | 956          | rVB      | 308154         | 786795        | 48.11%          | 6.507%        |
| 21        | 8.275       | 1032          | 1045        | 1060         | rBV2     | 528681         | 1635250       | 100.00%         | 13.524%       |
| 22        | 8.403       | 1064          | 1066        | 1071         | rVB5     | 1551           | 2234          | 0.14%           | 0.018%        |
| 23        | 8.683       | 1110          | 1112        | 1116         | rBV4     | 1169           | 1329          | 0.08%           | 0.011%        |
| 24        | 8.842       | 1129          | 1138        | 1154         | rVV      | 609221         | 1195415       | 73.10%          | 9.886%        |
| 25        | 8.957       | 1154          | 1157        | 1160         | rVV3     | 1118           | 1441          | 0.09%           | 0.012%        |
| 26        | 9.073       | 1167          | 1176        | 1185         | rVV2     | 29762          | 63928         | 3.91%           | 0.529%        |
| 27        | 9.274       | 1199          | 1209        | 1218         | rBV      | 417272         | 852914        | 52.16%          | 7.054%        |
| 28        | 9.378       | 1225          | 1226        | 1231         | rVB4     | 1442           | 1246          | 0.08%           | 0.010%        |
| 29        | 9.494       | 1242          | 1245        | 1248         | rVB3     | 878            | 1196          | 0.07%           | 0.010%        |
| 30        | 9.665       | 1268          | 1273        | 1280         | rVB5     | 3270           | 6138          | 0.38%           | 0.051%        |
| 31        | 9.762       | 1284          | 1289        | 1296         | rVB6     | 2278           | 4472          | 0.27%           | 0.037%        |
| 32        | 9.835       | 1296          | 1301        | 1302         | rBV4     | 767            | 1114          | 0.07%           | 0.009%        |
| 33        | 9.890       | 1304          | 1310        | 1317         | rVB4     | 4787           | 8928          | 0.55%           | 0.074%        |
| 34        | 9.951       | 1317          | 1320        | 1326         | rVB4     | 895            | 1833          | 0.11%           | 0.015%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 10.030 | 1326 | 1333 | 1342 | rBV  | 140994 | 262320  | 16.04% | 2.169%  |
| 36 | 10.128 | 1345 | 1349 | 1358 | rVB6 | 6103   | 13154   | 0.80%  | 0.109%  |
| 37 | 10.201 | 1358 | 1361 | 1364 | rBV4 | 880    | 1273    | 0.08%  | 0.011%  |
| 38 | 10.256 | 1364 | 1370 | 1372 | rBV5 | 2458   | 4535    | 0.28%  | 0.038%  |
| 39 | 10.323 | 1372 | 1381 | 1389 | rBV  | 661183 | 1161982 | 71.06% | 9.610%  |
| 40 | 10.427 | 1396 | 1398 | 1404 | rVB6 | 4854   | 5936    | 0.36%  | 0.049%  |
| 41 | 10.579 | 1416 | 1423 | 1434 | rBV  | 105032 | 181703  | 11.11% | 1.503%  |
| 42 | 10.707 | 1438 | 1444 | 1450 | rBV2 | 6322   | 10761   | 0.66%  | 0.089%  |
| 43 | 10.774 | 1450 | 1455 | 1457 | rBV5 | 1458   | 2418    | 0.15%  | 0.020%  |
| 44 | 10.817 | 1459 | 1462 | 1463 | rBV2 | 1307   | 1127    | 0.07%  | 0.009%  |
| 45 | 10.847 | 1463 | 1467 | 1473 | rVB6 | 4315   | 8837    | 0.54%  | 0.073%  |
| 46 | 10.927 | 1473 | 1480 | 1492 | rBV  | 206014 | 363502  | 22.23% | 3.006%  |
| 47 | 11.012 | 1492 | 1494 | 1497 | rVB4 | 1475   | 1451    | 0.09%  | 0.012%  |
| 48 | 11.073 | 1500 | 1504 | 1506 | rBV5 | 3615   | 5170    | 0.32%  | 0.043%  |
| 49 | 11.280 | 1535 | 1538 | 1539 | rBV3 | 1233   | 1403    | 0.09%  | 0.012%  |
| 50 | 11.402 | 1556 | 1558 | 1564 | rVB6 | 3496   | 4514    | 0.28%  | 0.037%  |
| 51 | 11.512 | 1574 | 1576 | 1578 | rBV2 | 1509   | 1355    | 0.08%  | 0.011%  |
| 52 | 11.634 | 1588 | 1596 | 1605 | rBV  | 836956 | 1426185 | 87.22% | 11.795% |
| 53 | 11.725 | 1609 | 1611 | 1617 | rVB5 | 4937   | 7535    | 0.46%  | 0.062%  |
| 54 | 11.835 | 1625 | 1629 | 1633 | rBV6 | 3712   | 6767    | 0.41%  | 0.056%  |
| 55 | 11.920 | 1640 | 1643 | 1646 | rBV2 | 1256   | 1639    | 0.10%  | 0.014%  |
| 56 | 11.981 | 1652 | 1653 | 1655 | rBV2 | 1363   | 1177    | 0.07%  | 0.010%  |
| 57 | 12.170 | 1680 | 1684 | 1689 | rVB6 | 3528   | 7004    | 0.43%  | 0.058%  |
| 58 | 12.249 | 1694 | 1697 | 1701 | rVB6 | 2114   | 2913    | 0.18%  | 0.024%  |
| 59 | 12.286 | 1701 | 1703 | 1708 | rVB4 | 1362   | 1421    | 0.09%  | 0.012%  |
| 60 | 12.335 | 1708 | 1711 | 1713 | rBV3 | 1644   | 1681    | 0.10%  | 0.014%  |
| 61 | 12.371 | 1713 | 1717 | 1718 | rBV2 | 1173   | 1447    | 0.09%  | 0.012%  |
| 62 | 12.463 | 1729 | 1732 | 1737 | rVB5 | 2336   | 3728    | 0.23%  | 0.031%  |
| 63 | 12.499 | 1737 | 1738 | 1741 | rBV2 | 1375   | 1091    | 0.07%  | 0.009%  |
| 64 | 12.609 | 1747 | 1756 | 1762 | rBV3 | 20104  | 36015   | 2.20%  | 0.298%  |
| 65 | 12.695 | 1762 | 1770 | 1780 | rVV  | 338076 | 550823  | 33.68% | 4.555%  |
| 66 | 12.865 | 1795 | 1798 | 1803 | rBV6 | 2298   | 3854    | 0.24%  | 0.032%  |
| 67 | 12.932 | 1806 | 1809 | 1813 | rBV4 | 2239   | 3548    | 0.22%  | 0.029%  |
| 68 | 13.121 | 1835 | 1840 | 1843 | rBV6 | 1549   | 2758    | 0.17%  | 0.023%  |
| 69 | 13.164 | 1845 | 1847 | 1849 | rVV2 | 1646   | 1623    | 0.10%  | 0.013%  |
| 70 | 13.201 | 1849 | 1853 | 1858 | rVB5 | 4878   | 8090    | 0.49%  | 0.067%  |
| 71 | 13.304 | 1867 | 1870 | 1874 | rVB4 | 2580   | 3344    | 0.20%  | 0.028%  |

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 Sampling : 1  
 Start Thrs: 0.2  
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 13.408 | 1880 | 1887 | 1893 | rBV7 | 8037   | 16119   | 0.99%  | 0.133% |
| 73  | 13.481 | 1895 | 1899 | 1900 | rBV4 | 2980   | 3587    | 0.22%  | 0.030% |
| 74  | 13.505 | 1901 | 1903 | 1906 | rVV4 | 5469   | 7926    | 0.48%  | 0.066% |
| 75  | 13.560 | 1906 | 1912 | 1925 | rVB  | 695101 | 1106211 | 67.65% | 9.149% |
| 76  | 13.767 | 1941 | 1946 | 1949 | rBV6 | 4604   | 8290    | 0.51%  | 0.069% |
| 77  | 13.853 | 1953 | 1960 | 1967 | rBV  | 593226 | 1000739 | 61.20% | 8.276% |
| 78  | 13.950 | 1975 | 1976 | 1984 | rVB5 | 6233   | 8244    | 0.50%  | 0.068% |
| 79  | 14.024 | 1984 | 1988 | 1992 | rBV5 | 2191   | 4606    | 0.28%  | 0.038% |
| 80  | 14.078 | 1992 | 1997 | 2004 | rVB  | 16253  | 26441   | 1.62%  | 0.219% |
| 81  | 14.292 | 2029 | 2032 | 2034 | rBV3 | 973    | 1111    | 0.07%  | 0.009% |
| 82  | 14.328 | 2034 | 2038 | 2042 | rBV4 | 3777   | 6449    | 0.39%  | 0.053% |
| 83  | 14.450 | 2056 | 2058 | 2060 | rVB3 | 1427   | 1154    | 0.07%  | 0.010% |
| 84  | 14.475 | 2060 | 2062 | 2065 | rBV4 | 1250   | 1539    | 0.09%  | 0.013% |
| 85  | 14.530 | 2069 | 2071 | 2074 | rVV4 | 1380   | 1254    | 0.08%  | 0.010% |
| 86  | 14.639 | 2084 | 2089 | 2094 | rBV7 | 1585   | 2619    | 0.16%  | 0.022% |
| 87  | 14.682 | 2094 | 2096 | 2098 | rBV3 | 1007   | 1090    | 0.07%  | 0.009% |
| 88  | 14.798 | 2114 | 2115 | 2120 | rBV3 | 1314   | 1806    | 0.11%  | 0.015% |
| 89  | 15.371 | 2204 | 2209 | 2212 | rBV3 | 4277   | 6949    | 0.42%  | 0.057% |
| 90  | 15.420 | 2213 | 2217 | 2218 | rVV2 | 6580   | 9248    | 0.57%  | 0.076% |
| 91  | 15.444 | 2218 | 2221 | 2225 | rVV3 | 13561  | 20219   | 1.24%  | 0.167% |
| 92  | 15.505 | 2226 | 2231 | 2238 | rVV2 | 5267   | 11064   | 0.68%  | 0.092% |
| 93  | 15.810 | 2276 | 2281 | 2287 | rVB5 | 5439   | 9318    | 0.57%  | 0.077% |
| 94  | 15.859 | 2287 | 2289 | 2290 | rBV2 | 1646   | 1335    | 0.08%  | 0.011% |
| 95  | 16.048 | 2318 | 2320 | 2324 | rVB3 | 1475   | 1414    | 0.09%  | 0.012% |
| 96  | 16.297 | 2360 | 2361 | 2367 | rVB4 | 813    | 1353    | 0.08%  | 0.011% |
| 97  | 16.346 | 2367 | 2369 | 2371 | rBV3 | 1080   | 1085    | 0.07%  | 0.009% |
| 98  | 16.438 | 2382 | 2384 | 2388 | rVV5 | 1368   | 1726    | 0.11%  | 0.014% |
| 99  | 16.529 | 2397 | 2399 | 2401 | rBV3 | 1185   | 1538    | 0.09%  | 0.013% |
| 100 | 16.657 | 2417 | 2420 | 2421 | rBV3 | 1131   | 1325    | 0.08%  | 0.011% |

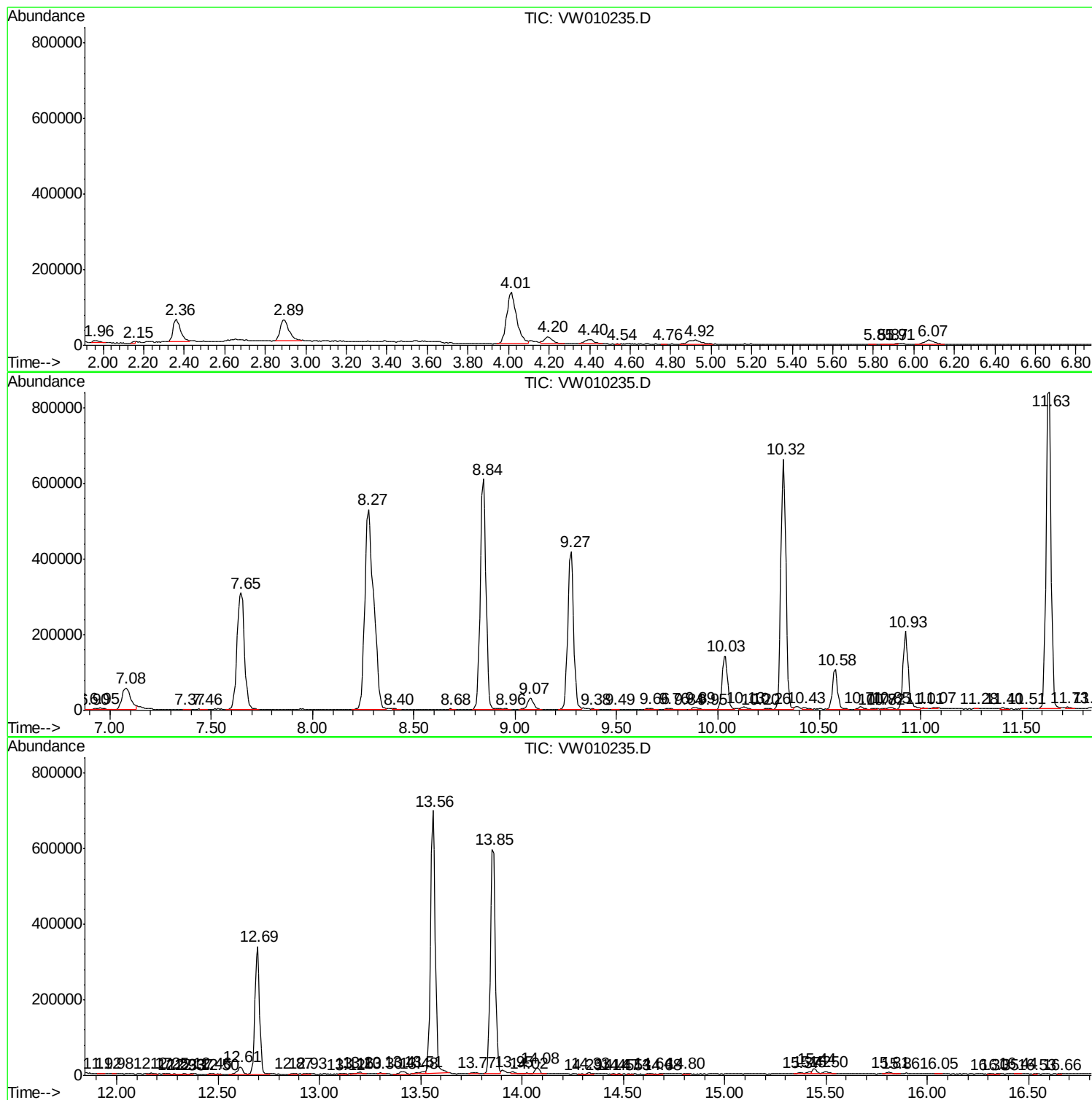
Sum of corrected areas: 12091601

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW050119\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |