

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\  
 Data File : VW009383.D  
 Acq On : 23 Mar 2019 11:45  
 Operator : SY/VA  
 Sample : VW0323SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK10

## 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\SOM2WLM031419S.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       | 7             | 9           | 12           | rBV3     | 3404           | 4037          | 0.29%           | 0.037%        |
| 2         | 2.008       | 15            | 17          | 20           | rBV2     | 2092           | 1935          | 0.14%           | 0.018%        |
| 3         | 2.355       | 69            | 74          | 87           | rVB      | 89249          | 195065        | 14.23%          | 1.767%        |
| 4         | 2.892       | 156           | 162         | 173          | rBV2     | 74914          | 205623        | 15.00%          | 1.863%        |
| 5         | 3.837       | 316           | 317         | 319          | rBV2     | 2451           | 1761          | 0.13%           | 0.016%        |
| 6         | 3.861       | 319           | 321         | 326          | rVB3     | 1760           | 1971          | 0.14%           | 0.018%        |
| 7         | 4.007       | 335           | 345         | 361          | rBV2     | 144865         | 475211        | 34.66%          | 4.305%        |
| 8         | 4.282       | 388           | 390         | 393          | rVB2     | 2438           | 3040          | 0.22%           | 0.028%        |
| 9         | 4.452       | 416           | 418         | 421          | rVB2     | 2009           | 1963          | 0.14%           | 0.018%        |
| 10        | 4.477       | 421           | 422         | 426          | rBV      | 2065           | 2275          | 0.17%           | 0.021%        |
| 11        | 4.794       | 471           | 474         | 475          | rBV      | 1698           | 1903          | 0.14%           | 0.017%        |
| 12        | 4.861       | 483           | 485         | 486          | rBV      | 1940           | 1750          | 0.13%           | 0.016%        |
| 13        | 4.916       | 486           | 494         | 495          | rBV4     | 9824           | 22410         | 1.63%           | 0.203%        |
| 14        | 5.147       | 529           | 532         | 534          | rBV      | 2149           | 1757          | 0.13%           | 0.016%        |
| 15        | 5.166       | 534           | 535         | 538          | rVB      | 2077           | 2048          | 0.15%           | 0.019%        |
| 16        | 5.190       | 538           | 539         | 544          | rBV      | 1902           | 2545          | 0.19%           | 0.023%        |
| 17        | 5.257       | 547           | 550         | 551          | rBV2     | 1995           | 1860          | 0.14%           | 0.017%        |
| 18        | 5.495       | 586           | 589         | 590          | rBV      | 1611           | 1662          | 0.12%           | 0.015%        |
| 19        | 5.635       | 611           | 612         | 615          | rVV      | 1306           | 1553          | 0.11%           | 0.014%        |
| 20        | 5.696       | 620           | 622         | 626          | rVV3     | 1870           | 1895          | 0.14%           | 0.017%        |
| 21        | 5.775       | 630           | 635         | 637          | rBV2     | 2203           | 3070          | 0.22%           | 0.028%        |
| 22        | 5.836       | 642           | 645         | 647          | rVB2     | 1878           | 1669          | 0.12%           | 0.015%        |
| 23        | 5.922       | 649           | 659         | 669          | rBV4     | 9280           | 31243         | 2.28%           | 0.283%        |
| 24        | 6.190       | 700           | 703         | 706          | rVB2     | 1865           | 1905          | 0.14%           | 0.017%        |
| 25        | 6.293       | 716           | 720         | 722          | rVB      | 1913           | 2699          | 0.20%           | 0.024%        |
| 26        | 6.336       | 722           | 727         | 728          | rBV      | 2327           | 2802          | 0.20%           | 0.025%        |
| 27        | 6.403       | 734           | 738         | 741          | rBV4     | 1105           | 1603          | 0.12%           | 0.015%        |
| 28        | 6.562       | 760           | 764         | 767          | rBV3     | 1640           | 2975          | 0.22%           | 0.027%        |
| 29        | 6.799       | 801           | 803         | 808          | rVB2     | 1865           | 2342          | 0.17%           | 0.021%        |
| 30        | 6.866       | 811           | 814         | 816          | rBV2     | 1566           | 1646          | 0.12%           | 0.015%        |
| 31        | 6.964       | 828           | 830         | 835          | rVB3     | 1227           | 1680          | 0.12%           | 0.015%        |
| 32        | 7.074       | 838           | 848         | 860          | rBV      | 55514          | 157389        | 11.48%          | 1.426%        |
| 33        | 7.312       | 885           | 887         | 889          | rBV2     | 1545           | 1802          | 0.13%           | 0.016%        |
| 34        | 7.433       | 901           | 907         | 910          | rBV3     | 1791           | 2960          | 0.22%           | 0.027%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 7.647  | 930  | 942  | 952  | rBV  | 253835 | 618344  | 45.10%  | 5.602%  |
| 36 | 7.732  | 954  | 956  | 962  | rVV3 | 1607   | 1613    | 0.12%   | 0.015%  |
| 37 | 7.793  | 964  | 966  | 969  | rBV  | 2052   | 1904    | 0.14%   | 0.017%  |
| 38 | 8.159  | 1024 | 1026 | 1028 | rBV2 | 1739   | 1603    | 0.12%   | 0.015%  |
| 39 | 8.269  | 1035 | 1044 | 1059 | rBV2 | 454344 | 1371141 | 100.00% | 12.422% |
| 40 | 8.403  | 1065 | 1066 | 1069 | rBV  | 2114   | 1625    | 0.12%   | 0.015%  |
| 41 | 8.586  | 1093 | 1096 | 1098 | rVB2 | 1601   | 1976    | 0.14%   | 0.018%  |
| 42 | 8.610  | 1098 | 1100 | 1102 | rBV  | 1649   | 1757    | 0.13%   | 0.016%  |
| 43 | 8.683  | 1110 | 1112 | 1116 | rVB3 | 1688   | 1757    | 0.13%   | 0.016%  |
| 44 | 8.720  | 1116 | 1118 | 1123 | rBV4 | 1056   | 1605    | 0.12%   | 0.015%  |
| 45 | 8.842  | 1128 | 1138 | 1147 | rBV  | 491847 | 1017136 | 74.18%  | 9.215%  |
| 46 | 8.909  | 1147 | 1149 | 1152 | rVB2 | 2372   | 2183    | 0.16%   | 0.020%  |
| 47 | 9.086  | 1173 | 1178 | 1179 | rBV2 | 2806   | 4174    | 0.30%   | 0.038%  |
| 48 | 9.183  | 1190 | 1194 | 1197 | rBV2 | 2050   | 3625    | 0.26%   | 0.033%  |
| 49 | 9.275  | 1199 | 1209 | 1217 | rBV  | 317214 | 650952  | 47.48%  | 5.897%  |
| 50 | 9.451  | 1236 | 1238 | 1241 | rVB4 | 1651   | 1793    | 0.13%   | 0.016%  |
| 51 | 9.500  | 1243 | 1246 | 1248 | rBV3 | 1568   | 2040    | 0.15%   | 0.018%  |
| 52 | 9.756  | 1280 | 1288 | 1295 | rBV3 | 5906   | 15459   | 1.13%   | 0.140%  |
| 53 | 9.817  | 1297 | 1298 | 1303 | rBV  | 1452   | 1682    | 0.12%   | 0.015%  |
| 54 | 9.890  | 1303 | 1310 | 1318 | rBV3 | 15883  | 36321   | 2.65%   | 0.329%  |
| 55 | 10.031 | 1326 | 1333 | 1341 | rBV  | 173859 | 319615  | 23.31%  | 2.896%  |
| 56 | 10.207 | 1359 | 1362 | 1364 | rBV  | 2144   | 2393    | 0.17%   | 0.022%  |
| 57 | 10.244 | 1364 | 1368 | 1373 | rVB3 | 8340   | 14124   | 1.03%   | 0.128%  |
| 58 | 10.323 | 1373 | 1381 | 1389 | rBV  | 634515 | 1122136 | 81.84%  | 10.166% |
| 59 | 10.390 | 1389 | 1392 | 1397 | rVB5 | 5060   | 9827    | 0.72%   | 0.089%  |
| 60 | 10.470 | 1402 | 1405 | 1407 | rBV3 | 1340   | 1761    | 0.13%   | 0.016%  |
| 61 | 10.579 | 1414 | 1423 | 1431 | rBV  | 118893 | 218610  | 15.94%  | 1.981%  |
| 62 | 10.701 | 1439 | 1443 | 1450 | rVB3 | 5801   | 12537   | 0.91%   | 0.114%  |
| 63 | 10.768 | 1451 | 1454 | 1460 | rVB5 | 2901   | 4554    | 0.33%   | 0.041%  |
| 64 | 10.847 | 1462 | 1467 | 1472 | rVB3 | 3488   | 6635    | 0.48%   | 0.060%  |
| 65 | 10.927 | 1473 | 1480 | 1491 | rVV  | 201472 | 346799  | 25.29%  | 3.142%  |
| 66 | 11.006 | 1491 | 1493 | 1496 | rVV  | 3093   | 2664    | 0.19%   | 0.024%  |
| 67 | 11.073 | 1500 | 1504 | 1506 | rVV3 | 4046   | 4878    | 0.36%   | 0.044%  |
| 68 | 11.091 | 1506 | 1507 | 1511 | rVV  | 1587   | 1551    | 0.11%   | 0.014%  |
| 69 | 11.238 | 1528 | 1531 | 1533 | rVB  | 1637   | 1908    | 0.14%   | 0.017%  |
| 70 | 11.329 | 1544 | 1546 | 1551 | rVB4 | 1271   | 1906    | 0.14%   | 0.017%  |
| 71 | 11.390 | 1551 | 1556 | 1557 | rBV3 | 1617   | 2403    | 0.18%   | 0.022%  |

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 Start Thrs: 0.2  
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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 11.408 | 1557 | 1559 | 1562 | rVB3 | 2076   | 2101    | 0.15%  | 0.019%  |
| 73  | 11.512 | 1575 | 1576 | 1580 | rBV  | 1953   | 2671    | 0.19%  | 0.024%  |
| 74  | 11.628 | 1587 | 1595 | 1604 | rBV  | 731257 | 1253425 | 91.41% | 11.356% |
| 75  | 11.933 | 1643 | 1645 | 1647 | rBV  | 1863   | 1569    | 0.11%  | 0.014%  |
| 76  | 12.280 | 1700 | 1702 | 1705 | rVV3 | 1700   | 1554    | 0.11%  | 0.014%  |
| 77  | 12.317 | 1705 | 1708 | 1709 | rBV2 | 2050   | 1763    | 0.13%  | 0.016%  |
| 78  | 12.414 | 1719 | 1724 | 1725 | rBV3 | 1387   | 2491    | 0.18%  | 0.023%  |
| 79  | 12.463 | 1728 | 1732 | 1737 | rVV5 | 3460   | 6024    | 0.44%  | 0.055%  |
| 80  | 12.609 | 1751 | 1756 | 1763 | rBV3 | 33005  | 55433   | 4.04%  | 0.502%  |
| 81  | 12.695 | 1763 | 1770 | 1777 | rBV  | 284593 | 477194  | 34.80% | 4.323%  |
| 82  | 13.054 | 1828 | 1829 | 1833 | rBV  | 1868   | 1623    | 0.12%  | 0.015%  |
| 83  | 13.195 | 1849 | 1852 | 1854 | rBV2 | 3796   | 3792    | 0.28%  | 0.034%  |
| 84  | 13.414 | 1885 | 1888 | 1891 | rVV3 | 4816   | 6094    | 0.44%  | 0.055%  |
| 85  | 13.481 | 1898 | 1899 | 1900 | rVV  | 3217   | 2282    | 0.17%  | 0.021%  |
| 86  | 13.499 | 1900 | 1902 | 1905 | rVV4 | 5090   | 7505    | 0.55%  | 0.068%  |
| 87  | 13.560 | 1905 | 1912 | 1925 | rVB  | 757971 | 1175749 | 85.75% | 10.652% |
| 88  | 13.853 | 1953 | 1960 | 1968 | rBV  | 590781 | 999333  | 72.88% | 9.054%  |
| 89  | 14.024 | 1986 | 1988 | 1992 | rBV3 | 2143   | 2058    | 0.15%  | 0.019%  |
| 90  | 14.079 | 1992 | 1997 | 2002 | rVB2 | 18782  | 31600   | 2.30%  | 0.286%  |
| 91  | 14.469 | 2059 | 2061 | 2063 | rBV  | 2397   | 2012    | 0.15%  | 0.018%  |
| 92  | 14.633 | 2083 | 2088 | 2092 | rBV5 | 5654   | 7977    | 0.58%  | 0.072%  |
| 93  | 14.902 | 2130 | 2132 | 2136 | rBV3 | 1513   | 1978    | 0.14%  | 0.018%  |
| 94  | 15.133 | 2168 | 2170 | 2176 | rVB4 | 5594   | 7581    | 0.55%  | 0.069%  |
| 95  | 15.292 | 2194 | 2196 | 2201 | rVB2 | 1986   | 2504    | 0.18%  | 0.023%  |
| 96  | 15.444 | 2217 | 2221 | 2226 | rVB3 | 7833   | 13708   | 1.00%  | 0.124%  |
| 97  | 15.798 | 2277 | 2279 | 2280 | rBV2 | 2155   | 1866    | 0.14%  | 0.017%  |
| 98  | 16.066 | 2322 | 2323 | 2326 | rVB  | 2792   | 1733    | 0.13%  | 0.016%  |
| 99  | 16.389 | 2374 | 2376 | 2377 | rBV  | 2340   | 1741    | 0.13%  | 0.016%  |
| 100 | 16.584 | 2405 | 2408 | 2409 | rBV2 | 2048   | 1568    | 0.11%  | 0.014%  |

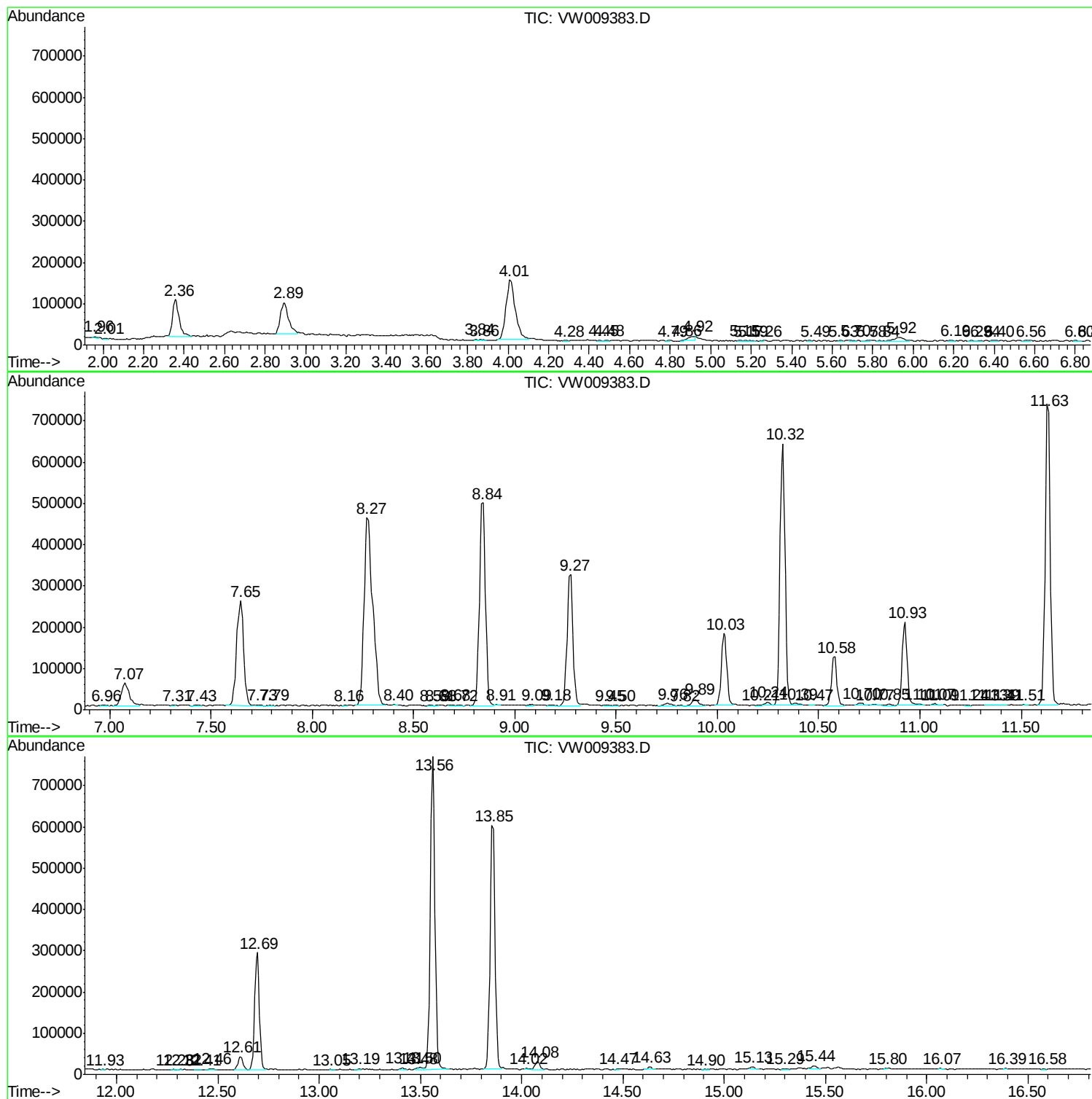
Sum of corrected areas: 11037969

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW032319\  
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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        |