

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\  
 Data File : VW006311.D  
 Acq On : 24 Oct 2018 10:56  
 Operator : SY/AP  
 Sample : VW1024SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK92

## 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\SOM2WLM100918S.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         | 2.154       | 38            | 41          | 43           | rBV      | 926            | 1088          | 0.05%           | 0.010%        |
| 2         | 2.178       | 43            | 45          | 46           | rBV      | 745            | 543           | 0.03%           | 0.005%        |
| 3         | 2.361       | 68            | 75          | 87           | rVB      | 66578          | 143709        | 7.22%           | 1.279%        |
| 4         | 2.898       | 156           | 163         | 178          | rVB      | 57473          | 154588        | 7.77%           | 1.375%        |
| 5         | 3.855       | 313           | 320         | 329          | rBV5     | 1469           | 4020          | 0.20%           | 0.036%        |
| 6         | 4.007       | 334           | 345         | 362          | rBV      | 136414         | 405831        | 20.40%          | 3.611%        |
| 7         | 4.153       | 363           | 369         | 377          | rVB4     | 2431           | 6785          | 0.34%           | 0.060%        |
| 8         | 4.367       | 402           | 404         | 409          | rVB3     | 318            | 468           | 0.02%           | 0.004%        |
| 9         | 4.489       | 422           | 424         | 428          | rBV3     | 400            | 630           | 0.03%           | 0.006%        |
| 10        | 4.824       | 476           | 479         | 481          | rVB3     | 263            | 335           | 0.02%           | 0.003%        |
| 11        | 4.915       | 481           | 494         | 504          | rBV4     | 5609           | 20471         | 1.03%           | 0.182%        |
| 12        | 5.111       | 520           | 526         | 527          | rBV3     | 428            | 823           | 0.04%           | 0.007%        |
| 13        | 5.141       | 530           | 531         | 534          | rVB      | 494            | 343           | 0.02%           | 0.003%        |
| 14        | 5.208       | 538           | 542         | 544          | rBV3     | 225            | 409           | 0.02%           | 0.004%        |
| 15        | 5.239       | 544           | 547         | 550          | rVV3     | 401            | 496           | 0.02%           | 0.004%        |
| 16        | 5.751       | 623           | 631         | 632          | rBV4     | 776            | 1191          | 0.06%           | 0.011%        |
| 17        | 5.928       | 653           | 660         | 662          | rBV4     | 1171           | 2151          | 0.11%           | 0.019%        |
| 18        | 6.135       | 692           | 694         | 700          | rVB3     | 260            | 400           | 0.02%           | 0.004%        |
| 19        | 6.421       | 738           | 741         | 746          | rBV3     | 221            | 456           | 0.02%           | 0.004%        |
| 20        | 7.092       | 840           | 851         | 856          | rBV      | 36394          | 101907        | 5.12%           | 0.907%        |
| 21        | 7.366       | 892           | 896         | 899          | rBV3     | 205            | 335           | 0.02%           | 0.003%        |
| 22        | 7.537       | 919           | 924         | 931          | rVB3     | 460            | 1197          | 0.06%           | 0.011%        |
| 23        | 7.647       | 932           | 942         | 955          | rVV      | 207852         | 500268        | 25.14%          | 4.451%        |
| 24        | 8.073       | 1009          | 1012        | 1015         | rVB3     | 290            | 317           | 0.02%           | 0.003%        |
| 25        | 8.147       | 1020          | 1024        | 1026         | rBV3     | 244            | 424           | 0.02%           | 0.004%        |
| 26        | 8.269       | 1030          | 1044        | 1063         | rBV3     | 631971         | 1989586       | 100.00%         | 17.701%       |
| 27        | 8.409       | 1063          | 1067        | 1070         | rBV2     | 316            | 493           | 0.02%           | 0.004%        |
| 28        | 8.482       | 1077          | 1079        | 1082         | rBV2     | 343            | 410           | 0.02%           | 0.004%        |
| 29        | 8.628       | 1100          | 1103        | 1107         | rBB3     | 487            | 440           | 0.02%           | 0.004%        |
| 30        | 8.689       | 1109          | 1113        | 1114         | rBV2     | 739            | 937           | 0.05%           | 0.008%        |
| 31        | 8.842       | 1130          | 1138        | 1149         | rVV      | 485491         | 972507        | 48.88%          | 8.652%        |
| 32        | 9.073       | 1171          | 1176        | 1183         | rBV5     | 1207           | 2275          | 0.11%           | 0.020%        |
| 33        | 9.274       | 1201          | 1209        | 1219         | rBV      | 262458         | 543285        | 27.31%          | 4.833%        |
| 34        | 9.470       | 1237          | 1241        | 1244         | rVV2     | 573            | 871           | 0.04%           | 0.008%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 9.561  | 1252 | 1256 | 1258 | rBV2 | 282    | 414     | 0.02%  | 0.004%  |
| 36 | 9.659  | 1266 | 1272 | 1278 | rVB3 | 1325   | 2318    | 0.12%  | 0.021%  |
| 37 | 9.762  | 1282 | 1289 | 1296 | rBV3 | 4316   | 8917    | 0.45%  | 0.079%  |
| 38 | 9.896  | 1304 | 1311 | 1317 | rBV  | 12996  | 26068   | 1.31%  | 0.232%  |
| 39 | 9.969  | 1317 | 1323 | 1327 | rBV2 | 4019   | 7742    | 0.39%  | 0.069%  |
| 40 | 10.037 | 1327 | 1334 | 1342 | rVB  | 149692 | 264372  | 13.29% | 2.352%  |
| 41 | 10.256 | 1359 | 1370 | 1374 | rBV3 | 6219   | 13076   | 0.66%  | 0.116%  |
| 42 | 10.323 | 1374 | 1381 | 1389 | rBV  | 600455 | 1076175 | 54.09% | 9.574%  |
| 43 | 10.500 | 1408 | 1410 | 1412 | rBV2 | 430    | 407     | 0.02%  | 0.004%  |
| 44 | 10.579 | 1416 | 1423 | 1432 | rVV  | 99252  | 169463  | 8.52%  | 1.508%  |
| 45 | 10.707 | 1437 | 1444 | 1451 | rVV  | 70036  | 125434  | 6.30%  | 1.116%  |
| 46 | 10.774 | 1452 | 1455 | 1463 | rVV5 | 1869   | 3397    | 0.17%  | 0.030%  |
| 47 | 10.847 | 1463 | 1467 | 1473 | rVB4 | 3043   | 5645    | 0.28%  | 0.050%  |
| 48 | 10.927 | 1473 | 1480 | 1494 | rBV  | 159244 | 263004  | 13.22% | 2.340%  |
| 49 | 11.067 | 1497 | 1503 | 1512 | rVV  | 11139  | 19402   | 0.98%  | 0.173%  |
| 50 | 11.183 | 1515 | 1522 | 1529 | rVB2 | 4315   | 7015    | 0.35%  | 0.062%  |
| 51 | 11.256 | 1531 | 1534 | 1536 | rBV2 | 265    | 318     | 0.02%  | 0.003%  |
| 52 | 11.341 | 1542 | 1548 | 1554 | rBV4 | 552    | 1083    | 0.05%  | 0.010%  |
| 53 | 11.445 | 1555 | 1565 | 1573 | rVB  | 88601  | 150731  | 7.58%  | 1.341%  |
| 54 | 11.634 | 1588 | 1596 | 1605 | rBV  | 717126 | 1198057 | 60.22% | 10.659% |
| 55 | 11.847 | 1624 | 1631 | 1634 | rBV3 | 1182   | 2051    | 0.10%  | 0.018%  |
| 56 | 11.878 | 1634 | 1636 | 1640 | rVB3 | 693    | 841     | 0.04%  | 0.007%  |
| 57 | 12.042 | 1660 | 1663 | 1665 | rBV3 | 243    | 318     | 0.02%  | 0.003%  |
| 58 | 12.170 | 1680 | 1684 | 1690 | rVB4 | 1248   | 2312    | 0.12%  | 0.021%  |
| 59 | 12.378 | 1716 | 1718 | 1721 | rBV2 | 263    | 365     | 0.02%  | 0.003%  |
| 60 | 12.475 | 1725 | 1734 | 1739 | rBV3 | 3864   | 6732    | 0.34%  | 0.060%  |
| 61 | 12.615 | 1750 | 1757 | 1764 | rBV  | 109854 | 180604  | 9.08%  | 1.607%  |
| 62 | 12.695 | 1764 | 1770 | 1778 | rVB  | 247114 | 411107  | 20.66% | 3.658%  |
| 63 | 12.756 | 1778 | 1780 | 1782 | rBV  | 531    | 590     | 0.03%  | 0.005%  |
| 64 | 12.865 | 1793 | 1798 | 1800 | rVV3 | 645    | 867     | 0.04%  | 0.008%  |
| 65 | 12.890 | 1800 | 1802 | 1804 | rVB2 | 364    | 308     | 0.02%  | 0.003%  |
| 66 | 12.938 | 1806 | 1810 | 1818 | rVB3 | 2455   | 4404    | 0.22%  | 0.039%  |
| 67 | 13.048 | 1821 | 1828 | 1831 | rBV3 | 1603   | 2891    | 0.15%  | 0.026%  |
| 68 | 13.085 | 1831 | 1834 | 1839 | rVB3 | 1134   | 1701    | 0.09%  | 0.015%  |
| 69 | 13.201 | 1844 | 1853 | 1856 | rBV2 | 1359   | 2549    | 0.13%  | 0.023%  |
| 70 | 13.231 | 1856 | 1858 | 1861 | rVB3 | 499    | 446     | 0.02%  | 0.004%  |
| 71 | 13.304 | 1861 | 1870 | 1876 | rVB2 | 12313  | 22820   | 1.15%  | 0.203%  |

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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\SOM2WLM100918S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 13.414 | 1881 | 1888 | 1893 | rVB2 | 2585   | 4690    | 0.24%  | 0.042%  |
| 73  | 13.475 | 1893 | 1898 | 1900 | rBV5 | 1784   | 2920    | 0.15%  | 0.026%  |
| 74  | 13.512 | 1900 | 1904 | 1906 | rBV5 | 1950   | 2915    | 0.15%  | 0.026%  |
| 75  | 13.566 | 1906 | 1913 | 1920 | rBV  | 782016 | 1254405 | 63.05% | 11.160% |
| 76  | 13.768 | 1941 | 1946 | 1949 | rBV4 | 2782   | 4935    | 0.25%  | 0.044%  |
| 77  | 13.804 | 1950 | 1952 | 1954 | rVB3 | 802    | 571     | 0.03%  | 0.005%  |
| 78  | 13.859 | 1954 | 1961 | 1968 | rBV  | 633691 | 1026671 | 51.60% | 9.134%  |
| 79  | 13.963 | 1975 | 1978 | 1981 | rVB3 | 1292   | 1402    | 0.07%  | 0.012%  |
| 80  | 14.024 | 1983 | 1988 | 1992 | rBV5 | 1335   | 2033    | 0.10%  | 0.018%  |
| 81  | 14.078 | 1992 | 1997 | 2003 | rVB  | 23499  | 39008   | 1.96%  | 0.347%  |
| 82  | 14.237 | 2020 | 2023 | 2024 | rBV  | 429    | 307     | 0.02%  | 0.003%  |
| 83  | 14.335 | 2034 | 2039 | 2046 | rVB5 | 1498   | 2941    | 0.15%  | 0.026%  |
| 84  | 14.505 | 2064 | 2067 | 2068 | rBV2 | 370    | 420     | 0.02%  | 0.004%  |
| 85  | 14.633 | 2085 | 2088 | 2093 | rBV4 | 2561   | 4118    | 0.21%  | 0.037%  |
| 86  | 14.743 | 2101 | 2106 | 2110 | rVB3 | 1821   | 2969    | 0.15%  | 0.026%  |
| 87  | 14.865 | 2124 | 2126 | 2128 | rVB  | 473    | 346     | 0.02%  | 0.003%  |
| 88  | 14.920 | 2133 | 2135 | 2137 | rBV3 | 454    | 419     | 0.02%  | 0.004%  |
| 89  | 15.005 | 2147 | 2149 | 2151 | rBV2 | 405    | 425     | 0.02%  | 0.004%  |
| 90  | 15.103 | 2159 | 2165 | 2168 | rBV4 | 4591   | 7610    | 0.38%  | 0.068%  |
| 91  | 15.139 | 2168 | 2171 | 2176 | rVV2 | 3564   | 5856    | 0.29%  | 0.052%  |
| 92  | 15.188 | 2177 | 2179 | 2183 | rVB4 | 604    | 621     | 0.03%  | 0.006%  |
| 93  | 15.279 | 2192 | 2194 | 2195 | rBV  | 450    | 373     | 0.02%  | 0.003%  |
| 94  | 15.377 | 2203 | 2210 | 2216 | rBV  | 3255   | 6152    | 0.31%  | 0.055%  |
| 95  | 15.450 | 2218 | 2222 | 2227 | rVV3 | 6451   | 10292   | 0.52%  | 0.092%  |
| 96  | 15.511 | 2227 | 2232 | 2236 | rVV2 | 3539   | 5524    | 0.28%  | 0.049%  |
| 97  | 15.566 | 2236 | 2241 | 2247 | rVB4 | 3510   | 6281    | 0.32%  | 0.056%  |
| 98  | 15.773 | 2273 | 2275 | 2276 | rBV2 | 772    | 686     | 0.03%  | 0.006%  |
| 99  | 16.249 | 2352 | 2353 | 2358 | rBV3 | 636    | 784     | 0.04%  | 0.007%  |
| 100 | 16.602 | 2409 | 2411 | 2412 | rBV2 | 497    | 419     | 0.02%  | 0.004%  |

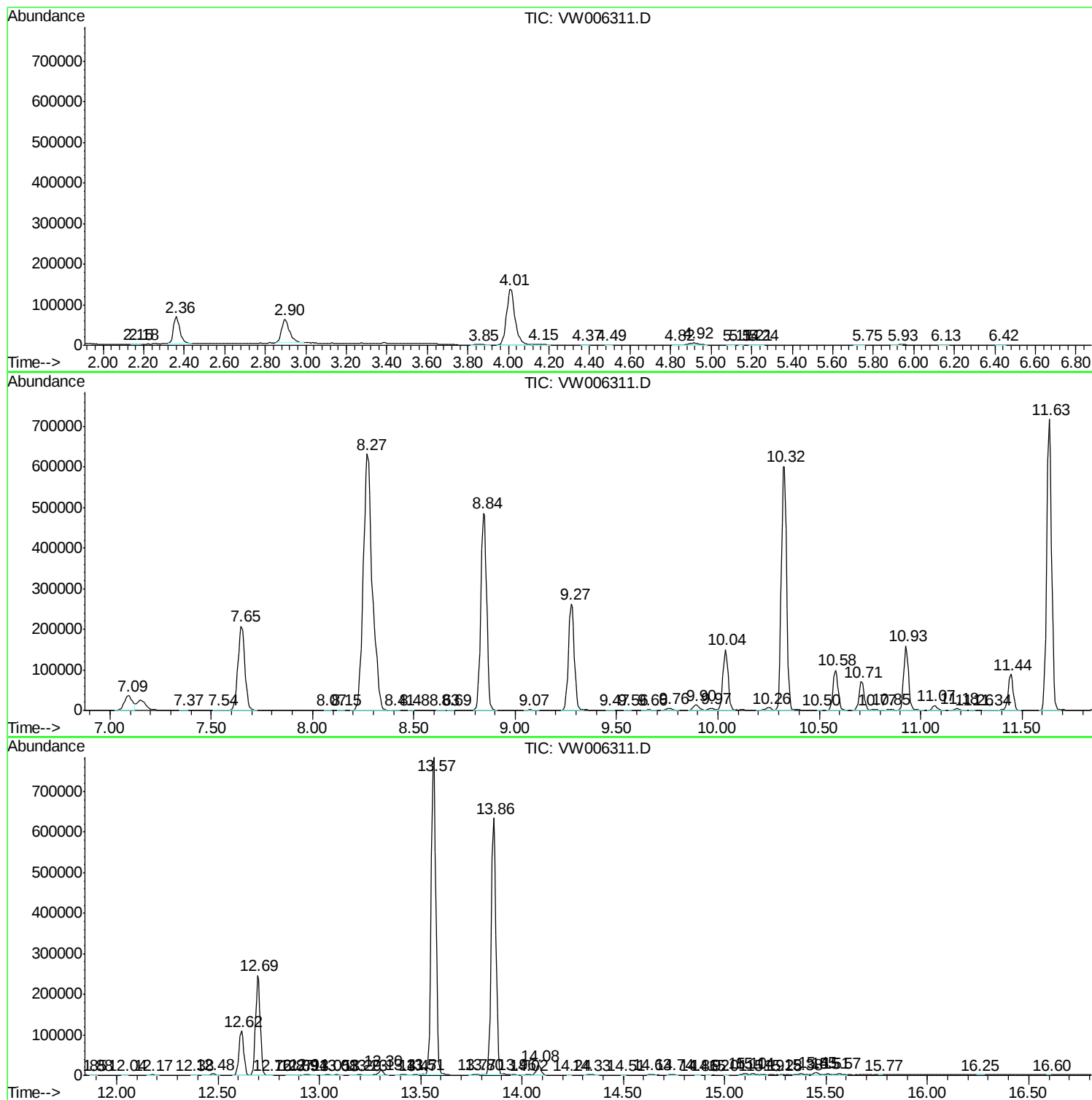
Sum of corrected areas: 11240026

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW102418\  
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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          |