

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092018\  
 Data File : VW005537.D  
 Acq On : 20 Sep 2018 16:32  
 Operator : SY/AP  
 Sample : J5011-03  
 Misc : 4.59G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BE9G0

## 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\SOM2WLM091918S.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         | 2.355       | 68            | 74          | 86           | rVB      | 71161          | 157348        | 14.36%          | 1.933%        |
| 2         | 2.898       | 156           | 163         | 175          | rVB      | 55733          | 141422        | 12.91%          | 1.738%        |
| 3         | 3.379       | 240           | 242         | 245          | rBV4     | 1069           | 1280          | 0.12%           | 0.016%        |
| 4         | 3.763       | 303           | 305         | 309          | rVB4     | 525            | 660           | 0.06%           | 0.008%        |
| 5         | 3.836       | 313           | 317         | 318          | rBV4     | 1210           | 1421          | 0.13%           | 0.017%        |
| 6         | 4.007       | 334           | 345         | 359          | rBV2     | 144015         | 411151        | 37.52%          | 5.052%        |
| 7         | 4.141       | 360           | 367         | 375          | rVB3     | 8682           | 24440         | 2.23%           | 0.300%        |
| 8         | 4.263       | 385           | 387         | 390          | rBV3     | 478            | 598           | 0.05%           | 0.007%        |
| 9         | 4.379       | 397           | 406         | 413          | rBV5     | 2029           | 5951          | 0.54%           | 0.073%        |
| 10        | 4.605       | 441           | 443         | 445          | rVV2     | 428            | 494           | 0.05%           | 0.006%        |
| 11        | 4.647       | 447           | 450         | 453          | rVV4     | 624            | 1008          | 0.09%           | 0.012%        |
| 12        | 4.678       | 453           | 455         | 457          | rVV2     | 609            | 640           | 0.06%           | 0.008%        |
| 13        | 4.702       | 457           | 459         | 464          | rVB2     | 469            | 672           | 0.06%           | 0.008%        |
| 14        | 4.915       | 481           | 494         | 506          | rVV2     | 16178          | 56389         | 5.15%           | 0.693%        |
| 15        | 5.421       | 571           | 577         | 578          | rBV3     | 1043           | 1697          | 0.15%           | 0.021%        |
| 16        | 5.586       | 598           | 604         | 605          | rVB2     | 324            | 478           | 0.04%           | 0.006%        |
| 17        | 5.793       | 637           | 638         | 645          | rVB5     | 936            | 1044          | 0.10%           | 0.013%        |
| 18        | 5.879       | 649           | 652         | 654          | rBV2     | 397            | 508           | 0.05%           | 0.006%        |
| 19        | 5.927       | 654           | 660         | 661          | rBV2     | 2588           | 3363          | 0.31%           | 0.041%        |
| 20        | 6.214       | 699           | 707         | 708          | rBV3     | 731            | 1474          | 0.13%           | 0.018%        |
| 21        | 6.927       | 822           | 824         | 827          | rVB2     | 427            | 527           | 0.05%           | 0.006%        |
| 22        | 7.086       | 841           | 850         | 856          | rBV      | 30749          | 85388         | 7.79%           | 1.049%        |
| 23        | 7.378       | 895           | 898         | 902          | rBV3     | 289            | 493           | 0.04%           | 0.006%        |
| 24        | 7.537       | 917           | 924         | 931          | rVB6     | 1449           | 4200          | 0.38%           | 0.052%        |
| 25        | 7.647       | 931           | 942         | 954          | rBV      | 181227         | 451073        | 41.17%          | 5.542%        |
| 26        | 7.866       | 976           | 978         | 981          | rBV2     | 644            | 780           | 0.07%           | 0.010%        |
| 27        | 7.952       | 988           | 992         | 1002         | rVB6     | 1766           | 3907          | 0.36%           | 0.048%        |
| 28        | 8.061       | 1007          | 1010        | 1011         | rBV3     | 405            | 472           | 0.04%           | 0.006%        |
| 29        | 8.147       | 1019          | 1024        | 1027         | rVB3     | 304            | 465           | 0.04%           | 0.006%        |
| 30        | 8.281       | 1034          | 1046        | 1061         | rBV2     | 361482         | 1095704       | 100.00%         | 13.463%       |
| 31        | 8.628       | 1100          | 1103        | 1109         | rVB4     | 555            | 992           | 0.09%           | 0.012%        |
| 32        | 8.695       | 1111          | 1114        | 1117         | rBV3     | 603            | 828           | 0.08%           | 0.010%        |
| 33        | 8.848       | 1129          | 1139        | 1148         | rBV      | 420067         | 825234        | 75.32%          | 10.140%       |
| 34        | 9.085       | 1168          | 1178        | 1189         | rVB7     | 4961           | 13964         | 1.27%           | 0.172%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091918S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 9.281  | 1201 | 1210 | 1219 | rBV  | 245250 | 499315 | 45.57% | 6.135%  |
| 36 | 9.652  | 1264 | 1271 | 1277 | rBV5 | 1139   | 2327   | 0.21%  | 0.029%  |
| 37 | 10.037 | 1326 | 1334 | 1346 | rBV  | 112994 | 208494 | 19.03% | 2.562%  |
| 38 | 10.122 | 1346 | 1348 | 1353 | rVB5 | 931    | 1234   | 0.11%  | 0.015%  |
| 39 | 10.213 | 1358 | 1363 | 1369 | rBV4 | 1450   | 2574   | 0.23%  | 0.032%  |
| 40 | 10.329 | 1374 | 1382 | 1389 | rBV  | 483455 | 843950 | 77.02% | 10.370% |
| 41 | 10.390 | 1389 | 1392 | 1398 | rVV2 | 7815   | 13051  | 1.19%  | 0.160%  |
| 42 | 10.579 | 1416 | 1423 | 1434 | rVB  | 85804  | 148464 | 13.55% | 1.824%  |
| 43 | 10.713 | 1438 | 1445 | 1449 | rBV2 | 12578  | 23147  | 2.11%  | 0.284%  |
| 44 | 10.866 | 1466 | 1470 | 1474 | rVB6 | 3847   | 6236   | 0.57%  | 0.077%  |
| 45 | 10.927 | 1474 | 1480 | 1490 | rBV  | 120447 | 211612 | 19.31% | 2.600%  |
| 46 | 11.012 | 1493 | 1494 | 1497 | rVB2 | 1072   | 898    | 0.08%  | 0.011%  |
| 47 | 11.067 | 1497 | 1503 | 1509 | rBV2 | 34492  | 56989  | 5.20%  | 0.700%  |
| 48 | 11.183 | 1519 | 1522 | 1525 | rBV4 | 778    | 1168   | 0.11%  | 0.014%  |
| 49 | 11.274 | 1535 | 1537 | 1538 | rBV2 | 1063   | 889    | 0.08%  | 0.011%  |
| 50 | 11.445 | 1561 | 1565 | 1570 | rVB3 | 8191   | 13787  | 1.26%  | 0.169%  |
| 51 | 11.634 | 1589 | 1596 | 1607 | rVV  | 547139 | 935451 | 85.37% | 11.494% |
| 52 | 11.737 | 1609 | 1613 | 1618 | rVB  | 7967   | 12972  | 1.18%  | 0.159%  |
| 53 | 11.841 | 1626 | 1630 | 1640 | rVB5 | 3926   | 7910   | 0.72%  | 0.097%  |
| 54 | 11.939 | 1645 | 1646 | 1649 | rBV3 | 669    | 627    | 0.06%  | 0.008%  |
| 55 | 12.176 | 1677 | 1685 | 1692 | rBV5 | 5362   | 12673  | 1.16%  | 0.156%  |
| 56 | 12.225 | 1692 | 1693 | 1695 | rBV2 | 722    | 503    | 0.05%  | 0.006%  |
| 57 | 12.371 | 1711 | 1717 | 1724 | rVB4 | 3527   | 7135   | 0.65%  | 0.088%  |
| 58 | 12.469 | 1724 | 1733 | 1740 | rBV3 | 4499   | 7562   | 0.69%  | 0.093%  |
| 59 | 12.615 | 1752 | 1757 | 1764 | rBV  | 19318  | 32072  | 2.93%  | 0.394%  |
| 60 | 12.701 | 1764 | 1771 | 1780 | rBV  | 170466 | 305441 | 27.88% | 3.753%  |
| 61 | 12.762 | 1780 | 1781 | 1787 | rVB4 | 1004   | 1483   | 0.14%  | 0.018%  |
| 62 | 12.938 | 1805 | 1810 | 1818 | rBV  | 11437  | 18495  | 1.69%  | 0.227%  |
| 63 | 13.042 | 1825 | 1827 | 1832 | rVB4 | 835    | 1347   | 0.12%  | 0.017%  |
| 64 | 13.201 | 1848 | 1853 | 1855 | rBV2 | 505    | 743    | 0.07%  | 0.009%  |
| 65 | 13.304 | 1864 | 1870 | 1878 | rVB3 | 4551   | 7393   | 0.67%  | 0.091%  |
| 66 | 13.457 | 1891 | 1895 | 1899 | rBV3 | 4199   | 7612   | 0.69%  | 0.094%  |
| 67 | 13.505 | 1899 | 1903 | 1906 | rBV3 | 4979   | 6679   | 0.61%  | 0.082%  |
| 68 | 13.566 | 1906 | 1913 | 1920 | rVB  | 471414 | 765495 | 69.86% | 9.406%  |
| 69 | 13.658 | 1925 | 1928 | 1933 | rVB6 | 1407   | 2372   | 0.22%  | 0.029%  |
| 70 | 13.761 | 1942 | 1945 | 1950 | rBV4 | 1173   | 1742   | 0.16%  | 0.021%  |
| 71 | 13.804 | 1950 | 1952 | 1954 | rVV3 | 997    | 988    | 0.09%  | 0.012%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091918S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.859 | 1954 | 1961 | 1968 | rVV  | 380530 | 617545 | 56.36% | 7.588% |
| 73  | 13.908 | 1968 | 1969 | 1974 | rVV3 | 1917   | 2541   | 0.23%  | 0.031% |
| 74  | 13.969 | 1974 | 1979 | 1984 | rVV4 | 861    | 1597   | 0.15%  | 0.020% |
| 75  | 14.024 | 1986 | 1988 | 1990 | rVV2 | 768    | 950    | 0.09%  | 0.012% |
| 76  | 14.085 | 1993 | 1998 | 2005 | rVB2 | 7736   | 12595  | 1.15%  | 0.155% |
| 77  | 14.292 | 2030 | 2032 | 2033 | rBV  | 700    | 612    | 0.06%  | 0.008% |
| 78  | 14.341 | 2034 | 2040 | 2043 | rBV6 | 2238   | 4031   | 0.37%  | 0.050% |
| 79  | 14.511 | 2064 | 2068 | 2069 | rBV3 | 532    | 611    | 0.06%  | 0.008% |
| 80  | 14.645 | 2084 | 2090 | 2093 | rBV5 | 2120   | 3822   | 0.35%  | 0.047% |
| 81  | 14.737 | 2101 | 2105 | 2111 | rVB6 | 1601   | 3136   | 0.29%  | 0.039% |
| 82  | 14.859 | 2122 | 2125 | 2127 | rBV3 | 555    | 545    | 0.05%  | 0.007% |
| 83  | 15.078 | 2155 | 2161 | 2164 | rBV6 | 1576   | 3127   | 0.29%  | 0.038% |
| 84  | 15.139 | 2168 | 2171 | 2175 | rVV4 | 2178   | 3619   | 0.33%  | 0.044% |
| 85  | 15.188 | 2178 | 2179 | 2181 | rVV2 | 1052   | 747    | 0.07%  | 0.009% |
| 86  | 15.322 | 2199 | 2201 | 2204 | rBV3 | 450    | 581    | 0.05%  | 0.007% |
| 87  | 15.359 | 2206 | 2207 | 2209 | rBV  | 667    | 678    | 0.06%  | 0.008% |
| 88  | 15.414 | 2214 | 2216 | 2219 | rBV3 | 713    | 940    | 0.09%  | 0.012% |
| 89  | 15.456 | 2219 | 2223 | 2227 | rVB3 | 2161   | 3109   | 0.28%  | 0.038% |
| 90  | 15.511 | 2227 | 2232 | 2237 | rBV5 | 1682   | 2920   | 0.27%  | 0.036% |
| 91  | 15.560 | 2237 | 2240 | 2241 | rBV3 | 1454   | 1326   | 0.12%  | 0.016% |
| 92  | 15.694 | 2260 | 2262 | 2264 | rBV3 | 793    | 840    | 0.08%  | 0.010% |
| 93  | 15.767 | 2272 | 2274 | 2276 | rBV3 | 1136   | 1162   | 0.11%  | 0.014% |
| 94  | 15.865 | 2288 | 2290 | 2293 | rVB2 | 1254   | 1036   | 0.09%  | 0.013% |
| 95  | 16.042 | 2317 | 2319 | 2322 | rBV3 | 643    | 661    | 0.06%  | 0.008% |
| 96  | 16.102 | 2326 | 2329 | 2331 | rBV4 | 535    | 687    | 0.06%  | 0.008% |
| 97  | 16.267 | 2355 | 2356 | 2358 | rBV  | 617    | 469    | 0.04%  | 0.006% |
| 98  | 16.517 | 2396 | 2397 | 2400 | rVV3 | 799    | 594    | 0.05%  | 0.007% |
| 99  | 16.615 | 2411 | 2413 | 2416 | rVB2 | 745    | 642    | 0.06%  | 0.008% |
| 100 | 16.737 | 2431 | 2433 | 2435 | rBV3 | 541    | 523    | 0.05%  | 0.006% |

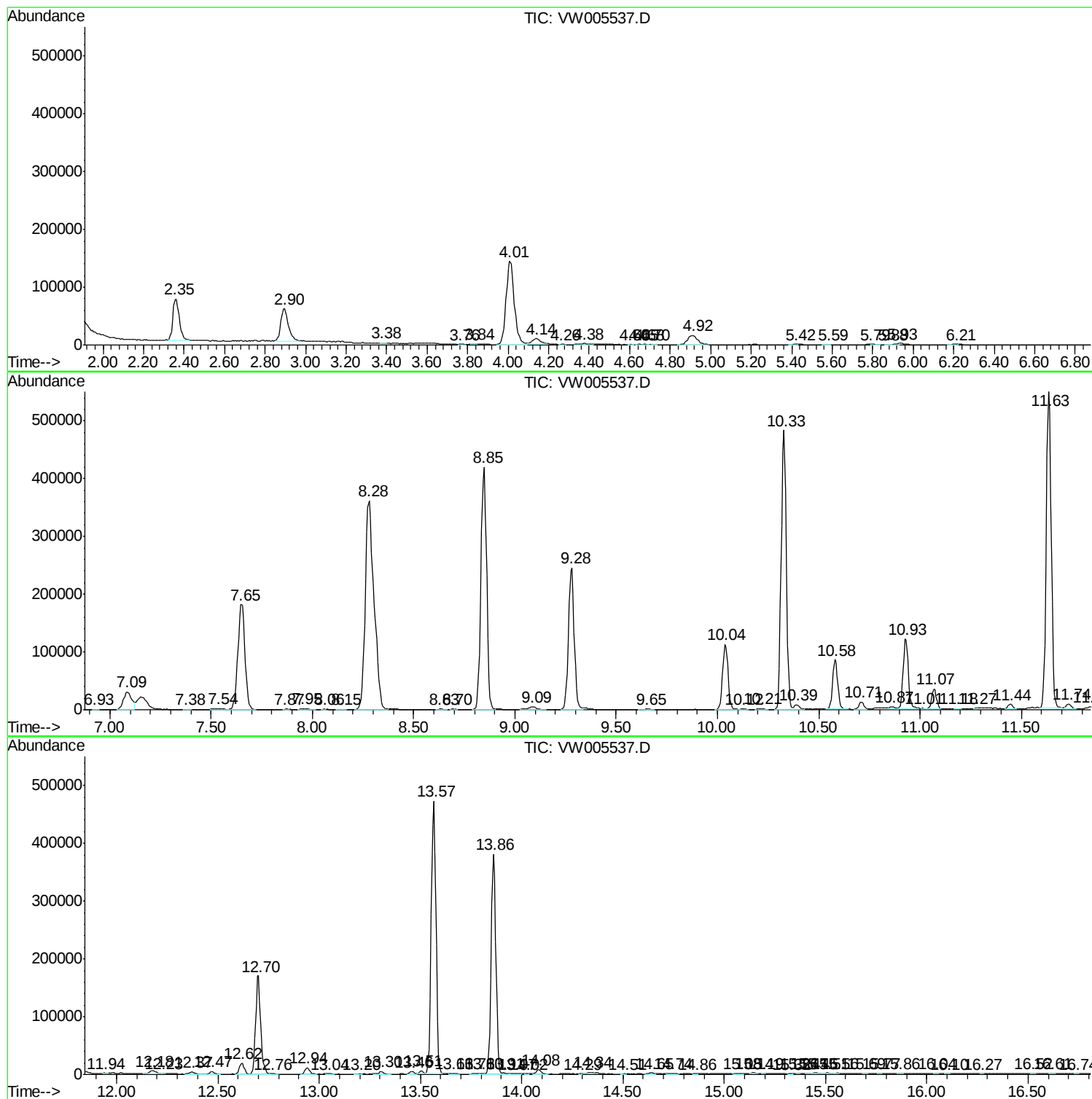
Sum of corrected areas: 8138541

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091918S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW092018\  
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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        |