

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\  
 Data File : VW011129.D  
 Acq On : 03 Jul 2019 01:43  
 Operator : SY/VA  
 Sample : K3599-16  
 Misc : 5.07G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAM25

## 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\SOM2WLM070219S.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         | 1.964       | 6             | 10          | 19           | rVB2     | 5215           | 11476         | 1.25%           | 0.148%        |
| 2         | 2.153       | 37            | 41          | 47           | rBV2     | 6174           | 11106         | 1.21%           | 0.143%        |
| 3         | 2.342       | 67            | 72          | 81           | rVB      | 56686          | 100476        | 10.93%          | 1.296%        |
| 4         | 2.885       | 153           | 161         | 174          | rBV      | 33609          | 89376         | 9.72%           | 1.153%        |
| 5         | 3.251       | 218           | 221         | 224          | rBV4     | 651            | 1027          | 0.11%           | 0.013%        |
| 6         | 3.281       | 224           | 226         | 229          | rVB4     | 611            | 589           | 0.06%           | 0.008%        |
| 7         | 3.489       | 257           | 260         | 261          | rBV3     | 567            | 581           | 0.06%           | 0.007%        |
| 8         | 3.537       | 261           | 268         | 275          | rBV      | 4012           | 11534         | 1.25%           | 0.149%        |
| 9         | 3.671       | 288           | 290         | 293          | rVB4     | 627            | 506           | 0.06%           | 0.007%        |
| 10        | 4.013       | 334           | 346         | 361          | rBV      | 89551          | 300205        | 32.66%          | 3.872%        |
| 11        | 4.397       | 400           | 409         | 417          | rBV2     | 6502           | 19576         | 2.13%           | 0.252%        |
| 12        | 4.641       | 448           | 449         | 453          | rBV2     | 690            | 831           | 0.09%           | 0.011%        |
| 13        | 4.909       | 481           | 493         | 506          | rBV2     | 6501           | 27336         | 2.97%           | 0.353%        |
| 14        | 5.092       | 522           | 523         | 525          | rVV2     | 692            | 532           | 0.06%           | 0.007%        |
| 15        | 5.122       | 525           | 528         | 531          | rVV4     | 659            | 1046          | 0.11%           | 0.013%        |
| 16        | 5.147       | 531           | 532         | 535          | rVV      | 665            | 494           | 0.05%           | 0.006%        |
| 17        | 5.427       | 573           | 578         | 584          | rBV5     | 954            | 1435          | 0.16%           | 0.019%        |
| 18        | 5.750       | 626           | 631         | 633          | rBV2     | 589            | 918           | 0.10%           | 0.012%        |
| 19        | 5.939       | 653           | 662         | 668          | rBV7     | 2601           | 7613          | 0.83%           | 0.098%        |
| 20        | 6.323       | 722           | 725         | 729          | rVB2     | 428            | 516           | 0.06%           | 0.007%        |
| 21        | 6.573       | 762           | 766         | 769          | rBV3     | 417            | 633           | 0.07%           | 0.008%        |
| 22        | 6.903       | 816           | 820         | 821          | rBV2     | 413            | 528           | 0.06%           | 0.007%        |
| 23        | 6.970       | 830           | 831         | 836          | rBV4     | 443            | 543           | 0.06%           | 0.007%        |
| 24        | 7.073       | 839           | 848         | 853          | rBV      | 45239          | 122328        | 13.31%          | 1.578%        |
| 25        | 7.140       | 854           | 859         | 875          | rVB2     | 64316          | 203031        | 22.09%          | 2.618%        |
| 26        | 7.646       | 931           | 942         | 958          | rVB      | 146781         | 363484        | 39.54%          | 4.688%        |
| 27        | 7.921       | 985           | 987         | 989          | rBV3     | 458            | 533           | 0.06%           | 0.007%        |
| 28        | 8.274       | 1032          | 1045        | 1060         | rBV2     | 298775         | 919288        | 100.00%         | 11.855%       |
| 29        | 8.561       | 1091          | 1092        | 1096         | rBV3     | 465            | 490           | 0.05%           | 0.006%        |
| 30        | 8.695       | 1109          | 1114        | 1116         | rBV5     | 526            | 848           | 0.09%           | 0.011%        |
| 31        | 8.841       | 1129          | 1138        | 1152         | rVV      | 350616         | 695453        | 75.65%          | 8.969%        |
| 32        | 9.018       | 1163          | 1167        | 1169         | rBV2     | 357            | 558           | 0.06%           | 0.007%        |
| 33        | 9.085       | 1169          | 1178        | 1190         | rVB      | 110911         | 231637        | 25.20%          | 2.987%        |
| 34        | 9.201       | 1194          | 1197        | 1198         | rBV2     | 550            | 469           | 0.05%           | 0.006%        |

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 Max Peaks: 100  
 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 9.274  | 1198 | 1209 | 1219 | rBV  | 227389 | 457180 | 49.73% | 5.896%  |
| 36 | 9.347  | 1219 | 1221 | 1226 | rVB4 | 1037   | 1364   | 0.15%  | 0.018%  |
| 37 | 9.658  | 1266 | 1272 | 1278 | rBV4 | 2001   | 4330   | 0.47%  | 0.056%  |
| 38 | 9.737  | 1283 | 1285 | 1287 | rBV  | 585    | 511    | 0.06%  | 0.007%  |
| 39 | 10.030 | 1324 | 1333 | 1343 | rBV  | 104318 | 196712 | 21.40% | 2.537%  |
| 40 | 10.121 | 1346 | 1348 | 1354 | rVB5 | 1606   | 2605   | 0.28%  | 0.034%  |
| 41 | 10.207 | 1357 | 1362 | 1367 | rBV4 | 2144   | 3494   | 0.38%  | 0.045%  |
| 42 | 10.323 | 1373 | 1381 | 1389 | rBV  | 415837 | 717499 | 78.05% | 9.253%  |
| 43 | 10.384 | 1389 | 1391 | 1398 | rVB4 | 2816   | 4903   | 0.53%  | 0.063%  |
| 44 | 10.579 | 1415 | 1423 | 1435 | rBV  | 70836  | 123859 | 13.47% | 1.597%  |
| 45 | 10.701 | 1437 | 1443 | 1454 | rVB2 | 11496  | 20381  | 2.22%  | 0.263%  |
| 46 | 10.786 | 1454 | 1457 | 1460 | rVB2 | 652    | 723    | 0.08%  | 0.009%  |
| 47 | 10.859 | 1460 | 1469 | 1474 | rBV  | 97508  | 169448 | 18.43% | 2.185%  |
| 48 | 10.926 | 1474 | 1480 | 1493 | rVV  | 152858 | 266618 | 29.00% | 3.438%  |
| 49 | 11.066 | 1497 | 1503 | 1510 | rVB2 | 14098  | 26342  | 2.87%  | 0.340%  |
| 50 | 11.231 | 1527 | 1530 | 1533 | rVB4 | 653    | 819    | 0.09%  | 0.011%  |
| 51 | 11.274 | 1536 | 1537 | 1544 | rVB3 | 673    | 966    | 0.11%  | 0.012%  |
| 52 | 11.402 | 1556 | 1558 | 1560 | rBV3 | 432    | 518    | 0.06%  | 0.007%  |
| 53 | 11.438 | 1560 | 1564 | 1569 | rVB4 | 2366   | 3886   | 0.42%  | 0.050%  |
| 54 | 11.481 | 1569 | 1571 | 1574 | rBV4 | 407    | 515    | 0.06%  | 0.007%  |
| 55 | 11.530 | 1577 | 1579 | 1584 | rVB4 | 592    | 871    | 0.09%  | 0.011%  |
| 56 | 11.627 | 1588 | 1595 | 1608 | rBV  | 480404 | 832610 | 90.57% | 10.738% |
| 57 | 11.835 | 1626 | 1629 | 1633 | rVV4 | 1209   | 1998   | 0.22%  | 0.026%  |
| 58 | 12.085 | 1666 | 1670 | 1674 | rVB5 | 378    | 598    | 0.07%  | 0.008%  |
| 59 | 12.176 | 1681 | 1685 | 1690 | rVB6 | 1529   | 2780   | 0.30%  | 0.036%  |
| 60 | 12.249 | 1694 | 1697 | 1699 | rBV4 | 643    | 787    | 0.09%  | 0.010%  |
| 61 | 12.347 | 1707 | 1713 | 1715 | rBV4 | 1109   | 2005   | 0.22%  | 0.026%  |
| 62 | 12.463 | 1730 | 1732 | 1735 | rVB2 | 619    | 618    | 0.07%  | 0.008%  |
| 63 | 12.609 | 1750 | 1756 | 1762 | rVB2 | 12630  | 22339  | 2.43%  | 0.288%  |
| 64 | 12.694 | 1762 | 1770 | 1779 | rBV  | 189766 | 317917 | 34.58% | 4.100%  |
| 65 | 12.871 | 1793 | 1799 | 1801 | rBV4 | 854    | 1344   | 0.15%  | 0.017%  |
| 66 | 12.932 | 1804 | 1809 | 1817 | rVV2 | 6763   | 11128  | 1.21%  | 0.144%  |
| 67 | 13.097 | 1834 | 1836 | 1843 | rVB6 | 457    | 744    | 0.08%  | 0.010%  |
| 68 | 13.164 | 1844 | 1847 | 1849 | rBV3 | 1335   | 1732   | 0.19%  | 0.022%  |
| 69 | 13.255 | 1857 | 1862 | 1864 | rBV3 | 1306   | 1723   | 0.19%  | 0.022%  |
| 70 | 13.298 | 1864 | 1869 | 1873 | rVB8 | 1750   | 3718   | 0.40%  | 0.048%  |
| 71 | 13.407 | 1880 | 1887 | 1892 | rBV6 | 2560   | 4901   | 0.53%  | 0.063%  |

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 Sampling : 1  
 Start Thrs: 0.2  
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 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\SOM2WLM070219S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.450 | 1892 | 1894 | 1896 | rBV2 | 465    | 632    | 0.07%  | 0.008% |
| 73  | 13.511 | 1903 | 1904 | 1905 | rBV  | 938    | 511    | 0.06%  | 0.007% |
| 74  | 13.560 | 1905 | 1912 | 1923 | rBV  | 465937 | 745100 | 81.05% | 9.609% |
| 75  | 13.694 | 1932 | 1934 | 1938 | rBV4 | 452    | 649    | 0.07%  | 0.008% |
| 76  | 13.773 | 1940 | 1947 | 1949 | rBV6 | 1273   | 2626   | 0.29%  | 0.034% |
| 77  | 13.853 | 1952 | 1960 | 1967 | rBV  | 353650 | 586133 | 63.76% | 7.559% |
| 78  | 13.950 | 1974 | 1976 | 1978 | rVB3 | 1111   | 775    | 0.08%  | 0.010% |
| 79  | 14.072 | 1991 | 1996 | 2001 | rVB2 | 10346  | 16610  | 1.81%  | 0.214% |
| 80  | 14.200 | 2014 | 2017 | 2022 | rVB6 | 1074   | 1779   | 0.19%  | 0.023% |
| 81  | 14.267 | 2023 | 2028 | 2032 | rBV7 | 2631   | 4420   | 0.48%  | 0.057% |
| 82  | 14.334 | 2032 | 2039 | 2043 | rBV5 | 5336   | 9635   | 1.05%  | 0.124% |
| 83  | 14.602 | 2081 | 2083 | 2086 | rVB3 | 512    | 573    | 0.06%  | 0.007% |
| 84  | 14.700 | 2096 | 2099 | 2100 | rVV3 | 499    | 585    | 0.06%  | 0.008% |
| 85  | 14.724 | 2100 | 2103 | 2109 | rVV5 | 1710   | 2579   | 0.28%  | 0.033% |
| 86  | 14.822 | 2118 | 2119 | 2123 | rBV3 | 504    | 546    | 0.06%  | 0.007% |
| 87  | 14.883 | 2126 | 2129 | 2132 | rBV3 | 371    | 526    | 0.06%  | 0.007% |
| 88  | 15.023 | 2149 | 2152 | 2154 | rBV3 | 648    | 622    | 0.07%  | 0.008% |
| 89  | 15.175 | 2175 | 2177 | 2178 | rBV2 | 929    | 685    | 0.07%  | 0.009% |
| 90  | 15.261 | 2188 | 2191 | 2194 | rVB4 | 794    | 1057   | 0.11%  | 0.014% |
| 91  | 15.346 | 2200 | 2205 | 2206 | rBV4 | 714    | 1116   | 0.12%  | 0.014% |
| 92  | 15.364 | 2206 | 2208 | 2213 | rVV3 | 1817   | 3303   | 0.36%  | 0.043% |
| 93  | 15.438 | 2213 | 2220 | 2228 | rVB2 | 17195  | 30590  | 3.33%  | 0.394% |
| 94  | 15.663 | 2255 | 2257 | 2258 | rBV2 | 587    | 535    | 0.06%  | 0.007% |
| 95  | 15.767 | 2272 | 2274 | 2275 | rBV  | 530    | 545    | 0.06%  | 0.007% |
| 96  | 15.858 | 2285 | 2289 | 2290 | rBV3 | 1054   | 1413   | 0.15%  | 0.018% |
| 97  | 15.956 | 2303 | 2305 | 2308 | rBV4 | 463    | 595    | 0.06%  | 0.008% |
| 98  | 16.108 | 2328 | 2330 | 2333 | rBV3 | 776    | 912    | 0.10%  | 0.012% |
| 99  | 16.529 | 2397 | 2399 | 2404 | rBV2 | 468    | 569    | 0.06%  | 0.007% |
| 100 | 16.748 | 2431 | 2435 | 2440 | rVV4 | 810    | 1096   | 0.12%  | 0.014% |

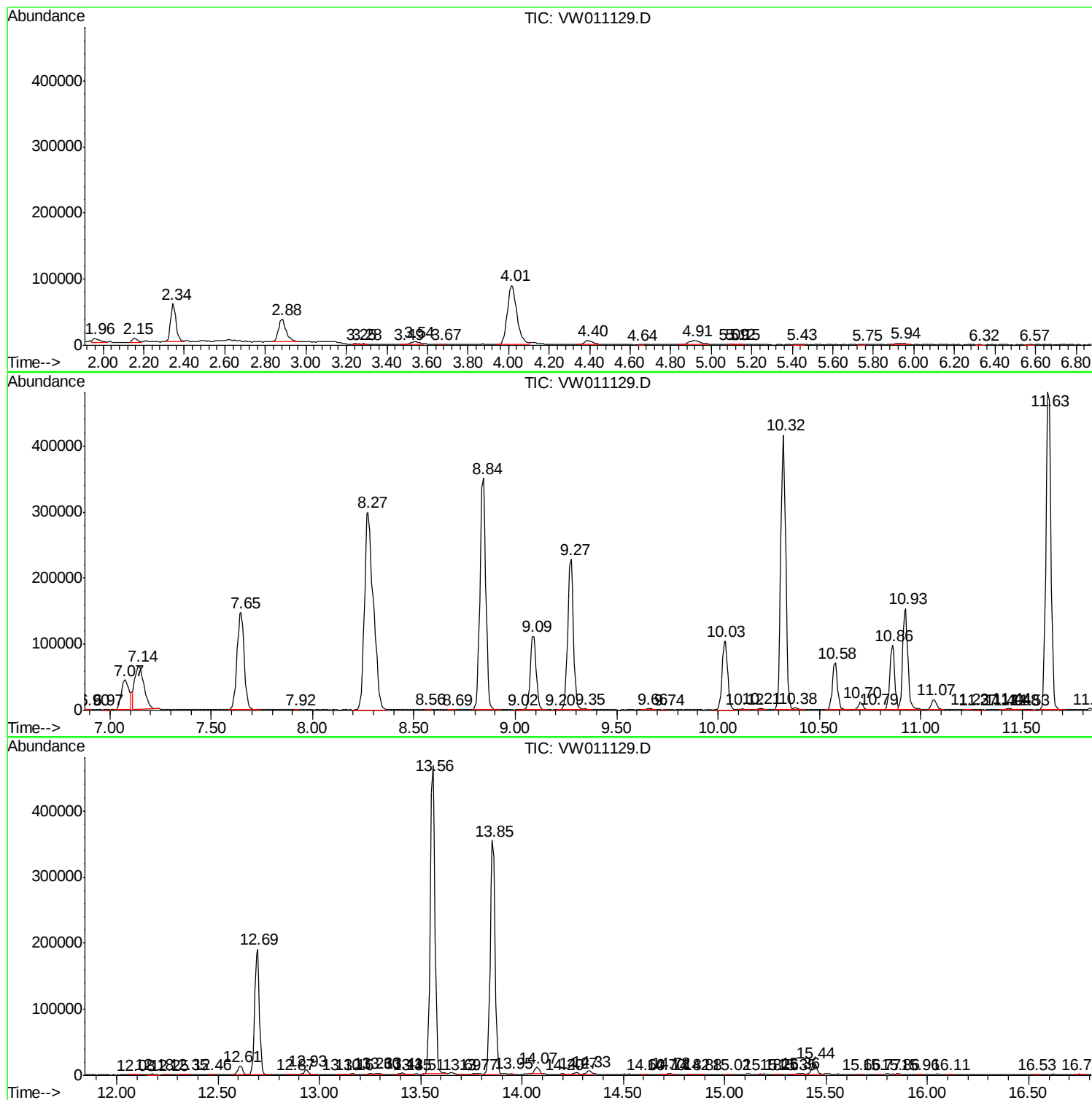
Sum of corrected areas: 7754199

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW070219\  
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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          |