

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\  
 Data File : VW013637.D  
 Acq On : 21 Oct 2019 15:52  
 Operator : SY/VA  
 Sample : K5422-05  
 Misc : 6.34G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AB6

## 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\SOM2WLM101819S.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         | 2.891       | 156           | 162         | 170          | rVB      | 12967          | 26107         | 15.22%          | 2.425%        |
| 2         | 3.367       | 236           | 240         | 242          | rBV      | 455            | 539           | 0.31%           | 0.050%        |
| 3         | 3.501       | 261           | 262         | 266          | rBV      | 538            | 512           | 0.30%           | 0.048%        |
| 4         | 3.629       | 281           | 283         | 285          | rBV2     | 344            | 354           | 0.21%           | 0.033%        |
| 5         | 3.745       | 299           | 302         | 303          | rBV3     | 353            | 313           | 0.18%           | 0.029%        |
| 6         | 3.775       | 303           | 307         | 310          | rVB2     | 275            | 335           | 0.20%           | 0.031%        |
| 7         | 3.806       | 310           | 312         | 313          | rBV      | 438            | 275           | 0.16%           | 0.026%        |
| 8         | 3.928       | 329           | 332         | 336          | rVB2     | 329            | 489           | 0.29%           | 0.045%        |
| 9         | 4.019       | 336           | 347         | 357          | rBV2     | 25872          | 69608         | 40.58%          | 6.465%        |
| 10        | 4.287       | 390           | 391         | 395          | rVV2     | 340            | 243           | 0.14%           | 0.023%        |
| 11        | 4.342       | 398           | 400         | 403          | rVB2     | 268            | 345           | 0.20%           | 0.032%        |
| 12        | 4.385       | 405           | 407         | 409          | rVB      | 367            | 266           | 0.16%           | 0.025%        |
| 13        | 4.488       | 420           | 424         | 425          | rVV      | 341            | 290           | 0.17%           | 0.027%        |
| 14        | 4.549       | 432           | 434         | 436          | rBV2     | 320            | 294           | 0.17%           | 0.027%        |
| 15        | 4.604       | 440           | 443         | 446          | rBV2     | 544            | 547           | 0.32%           | 0.051%        |
| 16        | 4.671       | 452           | 454         | 456          | rVB      | 275            | 231           | 0.13%           | 0.021%        |
| 17        | 4.726       | 460           | 463         | 465          | rBV2     | 402            | 367           | 0.21%           | 0.034%        |
| 18        | 4.842       | 480           | 482         | 484          | rVV2     | 266            | 228           | 0.13%           | 0.021%        |
| 19        | 4.915       | 484           | 494         | 506          | rVB      | 12171          | 37721         | 21.99%          | 3.503%        |
| 20        | 5.019       | 509           | 511         | 513          | rBV      | 252            | 255           | 0.15%           | 0.024%        |
| 21        | 5.110       | 524           | 526         | 528          | rVV      | 324            | 249           | 0.15%           | 0.023%        |
| 22        | 5.159       | 530           | 534         | 535          | rVV      | 298            | 257           | 0.15%           | 0.024%        |
| 23        | 5.177       | 535           | 537         | 540          | rVV2     | 426            | 424           | 0.25%           | 0.039%        |
| 24        | 5.208       | 540           | 542         | 547          | rVB      | 369            | 485           | 0.28%           | 0.045%        |
| 25        | 5.244       | 547           | 548         | 551          | rBV      | 338            | 253           | 0.15%           | 0.023%        |
| 26        | 5.299       | 555           | 557         | 560          | rVB2     | 305            | 254           | 0.15%           | 0.024%        |
| 27        | 5.330       | 560           | 562         | 564          | rVB2     | 309            | 248           | 0.14%           | 0.023%        |
| 28        | 5.470       | 583           | 585         | 587          | rVB2     | 260            | 243           | 0.14%           | 0.023%        |
| 29        | 5.543       | 596           | 597         | 599          | rBV2     | 240            | 217           | 0.13%           | 0.020%        |
| 30        | 5.878       | 650           | 652         | 653          | rBV      | 231            | 234           | 0.14%           | 0.022%        |
| 31        | 5.939       | 657           | 662         | 663          | rBV3     | 1058           | 1272          | 0.74%           | 0.118%        |
| 32        | 6.019       | 672           | 675         | 676          | rBV      | 321            | 270           | 0.16%           | 0.025%        |
| 33        | 6.037       | 676           | 678         | 680          | rVV2     | 246            | 219           | 0.13%           | 0.020%        |
| 34        | 6.098       | 686           | 688         | 691          | rVB2     | 256            | 232           | 0.14%           | 0.022%        |

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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\SOM2WLM101819S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |       |        |         |         |
|----|--------|------|------|------|------|-------|--------|---------|---------|
| 35 | 6.281  | 716  | 718  | 719  | rBV  | 237   | 224    | 0.13%   | 0.021%  |
| 36 | 6.452  | 743  | 746  | 747  | rBV  | 294   | 312    | 0.18%   | 0.029%  |
| 37 | 6.470  | 747  | 749  | 754  | rVB2 | 366   | 348    | 0.20%   | 0.032%  |
| 38 | 6.506  | 754  | 755  | 759  | rBV  | 259   | 218    | 0.13%   | 0.020%  |
| 39 | 6.945  | 823  | 827  | 830  | rBV3 | 276   | 387    | 0.23%   | 0.036%  |
| 40 | 7.086  | 843  | 850  | 855  | rBV2 | 3813  | 10384  | 6.05%   | 0.964%  |
| 41 | 7.360  | 894  | 895  | 898  | rBV  | 318   | 449    | 0.26%   | 0.042%  |
| 42 | 7.653  | 932  | 943  | 952  | rBV  | 28829 | 71361  | 41.60%  | 6.628%  |
| 43 | 7.829  | 971  | 972  | 975  | rVB  | 376   | 226    | 0.13%   | 0.021%  |
| 44 | 7.957  | 992  | 993  | 997  | rBV2 | 317   | 270    | 0.16%   | 0.025%  |
| 45 | 7.994  | 997  | 999  | 1001 | rBV2 | 301   | 223    | 0.13%   | 0.021%  |
| 46 | 8.098  | 1012 | 1016 | 1018 | rVB2 | 244   | 262    | 0.15%   | 0.024%  |
| 47 | 8.274  | 1037 | 1045 | 1060 | rVB2 | 58106 | 171540 | 100.00% | 15.932% |
| 48 | 8.537  | 1086 | 1088 | 1090 | rBV2 | 240   | 221    | 0.13%   | 0.021%  |
| 49 | 8.610  | 1098 | 1100 | 1103 | rBV2 | 234   | 221    | 0.13%   | 0.021%  |
| 50 | 8.689  | 1111 | 1113 | 1117 | rBV3 | 194   | 236    | 0.14%   | 0.022%  |
| 51 | 8.841  | 1131 | 1138 | 1146 | rVV  | 44948 | 89851  | 52.38%  | 8.345%  |
| 52 | 9.067  | 1172 | 1175 | 1183 | rBV  | 224   | 491    | 0.29%   | 0.046%  |
| 53 | 9.207  | 1195 | 1198 | 1199 | rBV  | 282   | 249    | 0.15%   | 0.023%  |
| 54 | 9.274  | 1201 | 1209 | 1217 | rVV  | 39495 | 80138  | 46.72%  | 7.443%  |
| 55 | 9.463  | 1238 | 1240 | 1243 | rBV2 | 288   | 234    | 0.14%   | 0.022%  |
| 56 | 9.597  | 1258 | 1262 | 1265 | rBV2 | 343   | 427    | 0.25%   | 0.040%  |
| 57 | 9.981  | 1322 | 1325 | 1327 | rBV  | 351   | 439    | 0.26%   | 0.041%  |
| 58 | 10.036 | 1327 | 1334 | 1344 | rVB  | 17899 | 33323  | 19.43%  | 3.095%  |
| 59 | 10.250 | 1368 | 1369 | 1372 | rVB2 | 444   | 333    | 0.19%   | 0.031%  |
| 60 | 10.323 | 1372 | 1381 | 1388 | rBV  | 75971 | 132429 | 77.20%  | 12.300% |
| 61 | 10.469 | 1400 | 1405 | 1408 | rBV  | 1297  | 1803   | 1.05%   | 0.167%  |
| 62 | 10.579 | 1417 | 1423 | 1429 | rBV  | 11791 | 18927  | 11.03%  | 1.758%  |
| 63 | 10.701 | 1440 | 1443 | 1449 | rVB5 | 954   | 1502   | 0.88%   | 0.140%  |
| 64 | 10.743 | 1449 | 1450 | 1455 | rVB3 | 484   | 421    | 0.25%   | 0.039%  |
| 65 | 10.926 | 1474 | 1480 | 1489 | rBV2 | 13704 | 25767  | 15.02%  | 2.393%  |
| 66 | 11.249 | 1529 | 1533 | 1536 | rBV2 | 248   | 369    | 0.22%   | 0.034%  |
| 67 | 11.566 | 1582 | 1585 | 1587 | rBV2 | 317   | 341    | 0.20%   | 0.032%  |
| 68 | 11.634 | 1589 | 1596 | 1607 | rVB  | 57121 | 100092 | 58.35%  | 9.296%  |
| 69 | 11.719 | 1607 | 1610 | 1611 | rBV  | 336   | 330    | 0.19%   | 0.031%  |
| 70 | 11.786 | 1620 | 1621 | 1624 | rBV2 | 352   | 421    | 0.25%   | 0.039%  |
| 71 | 12.066 | 1663 | 1667 | 1670 | rBV2 | 295   | 497    | 0.29%   | 0.046%  |

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## Integration Parameters: LSCINT.P

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 Smoothing : OFF  
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 Start Thrs: 0.2  
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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\SOM2WLM101819S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |       |        |        |
|-----|--------|------|------|------|------|-------|-------|--------|--------|
| 72  | 12.194 | 1687 | 1688 | 1692 | rBV  | 453   | 447   | 0.26%  | 0.042% |
| 73  | 12.322 | 1707 | 1709 | 1712 | rVV2 | 224   | 243   | 0.14%  | 0.023% |
| 74  | 12.365 | 1712 | 1716 | 1719 | rVB2 | 262   | 351   | 0.20%  | 0.033% |
| 75  | 12.469 | 1727 | 1733 | 1735 | rBV3 | 1084  | 1369  | 0.80%  | 0.127% |
| 76  | 12.518 | 1739 | 1741 | 1742 | rBV  | 242   | 214   | 0.12%  | 0.020% |
| 77  | 12.548 | 1742 | 1746 | 1748 | rVB3 | 316   | 389   | 0.23%  | 0.036% |
| 78  | 12.603 | 1752 | 1755 | 1756 | rBV2 | 359   | 282   | 0.16%  | 0.026% |
| 79  | 12.694 | 1763 | 1770 | 1776 | rVB  | 26339 | 44185 | 25.76% | 4.104% |
| 80  | 12.774 | 1780 | 1783 | 1784 | rVV2 | 291   | 312   | 0.18%  | 0.029% |
| 81  | 12.792 | 1784 | 1786 | 1788 | rVB  | 261   | 224   | 0.13%  | 0.021% |
| 82  | 12.896 | 1801 | 1803 | 1807 | rVB  | 308   | 406   | 0.24%  | 0.038% |
| 83  | 13.078 | 1832 | 1833 | 1837 | rBV  | 458   | 592   | 0.35%  | 0.055% |
| 84  | 13.158 | 1844 | 1846 | 1849 | rBV2 | 286   | 248   | 0.14%  | 0.023% |
| 85  | 13.322 | 1871 | 1873 | 1875 | rBV2 | 410   | 279   | 0.16%  | 0.026% |
| 86  | 13.408 | 1881 | 1887 | 1890 | rBV4 | 550   | 1299  | 0.76%  | 0.121% |
| 87  | 13.475 | 1897 | 1898 | 1900 | rBV2 | 374   | 337   | 0.20%  | 0.031% |
| 88  | 13.560 | 1905 | 1912 | 1920 | rVV  | 37305 | 63321 | 36.91% | 5.881% |
| 89  | 13.639 | 1923 | 1925 | 1930 | rVV3 | 652   | 1053  | 0.61%  | 0.098% |
| 90  | 13.712 | 1933 | 1937 | 1942 | rBV2 | 470   | 788   | 0.46%  | 0.073% |
| 91  | 13.767 | 1944 | 1946 | 1948 | rVV2 | 485   | 445   | 0.26%  | 0.041% |
| 92  | 13.792 | 1948 | 1950 | 1951 | rVV  | 782   | 506   | 0.29%  | 0.047% |
| 93  | 13.810 | 1951 | 1953 | 1954 | rVV  | 582   | 455   | 0.27%  | 0.042% |
| 94  | 13.853 | 1954 | 1960 | 1970 | rVB  | 37648 | 62950 | 36.70% | 5.847% |
| 95  | 14.066 | 1992 | 1995 | 2000 | rVB4 | 1358  | 2374  | 1.38%  | 0.220% |
| 96  | 14.115 | 2000 | 2003 | 2006 | rBV3 | 317   | 511   | 0.30%  | 0.047% |
| 97  | 14.273 | 2028 | 2029 | 2032 | rBV  | 318   | 375   | 0.22%  | 0.035% |
| 98  | 14.334 | 2037 | 2039 | 2042 | rBV2 | 451   | 537   | 0.31%  | 0.050% |
| 99  | 14.700 | 2097 | 2099 | 2102 | rBV2 | 638   | 739   | 0.43%  | 0.069% |
| 100 | 16.358 | 2369 | 2371 | 2378 | rBV5 | 1061  | 2018  | 1.18%  | 0.187% |

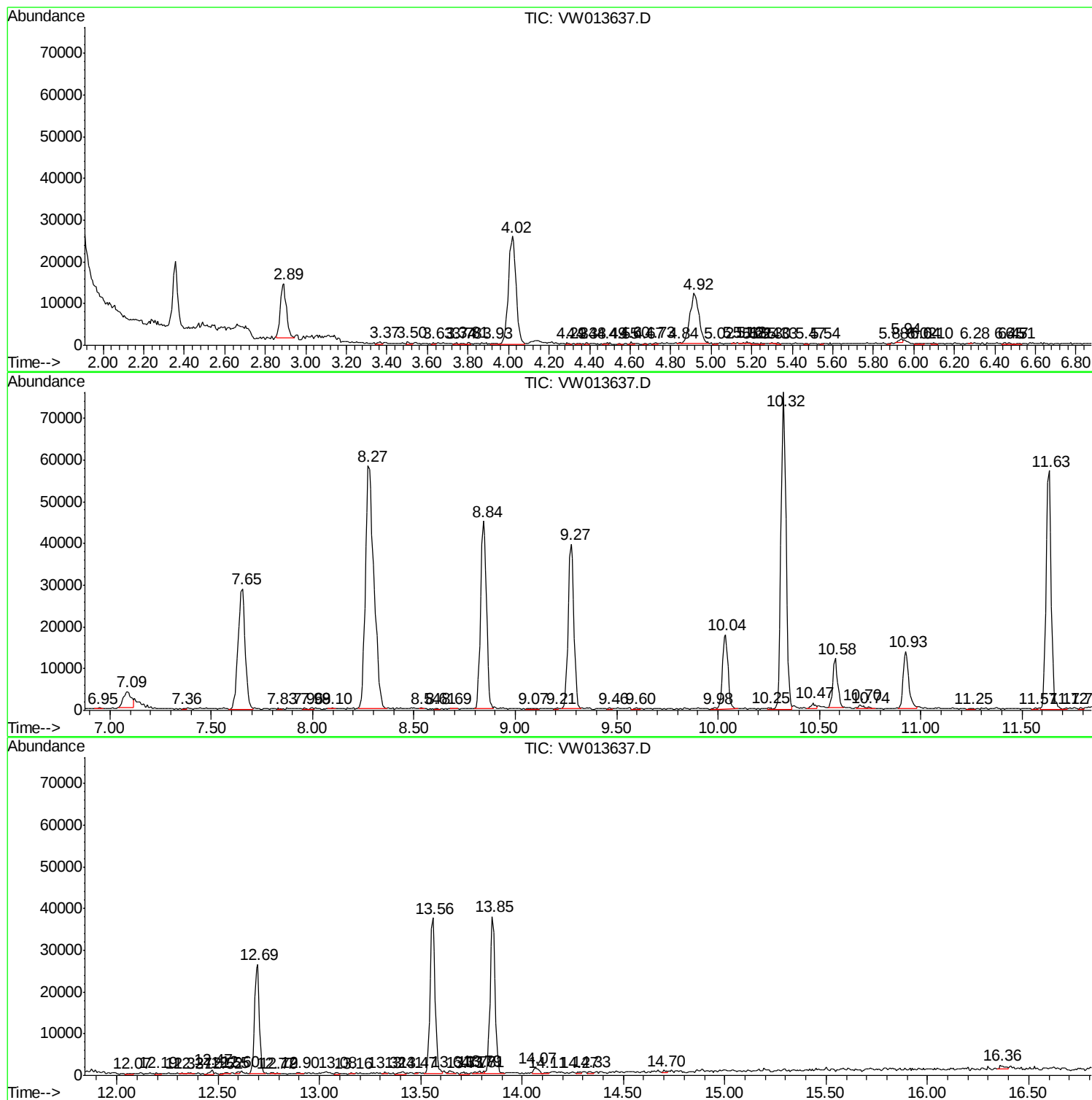
Sum of corrected areas: 1076691

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW102119\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
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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        |