

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\  
 Data File : VW009958.D  
 Acq On : 12 Apr 2019 15:00  
 Operator : SY/VA  
 Sample : K2278-17  
 Misc : 5.78G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB6Y9

## 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\SOM2WLM040319S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.038    | 20         | 22       | 25        | rBV3  | 1378        | 1584       | 0.09%        | 0.011%     |
| 2      | 2.147    | 37         | 40       | 45        | rBV5  | 4595        | 10173      | 0.55%        | 0.070%     |
| 3      | 2.361    | 68         | 75       | 91        | rBV   | 76204       | 186097     | 10.02%       | 1.287%     |
| 4      | 2.897    | 155        | 163      | 176       | rBV   | 68760       | 198512     | 10.69%       | 1.373%     |
| 5      | 3.757    | 302        | 304      | 307       | rVB4  | 1233        | 1079       | 0.06%        | 0.007%     |
| 6      | 3.848    | 315        | 319      | 321       | rBV4  | 1767        | 2578       | 0.14%        | 0.018%     |
| 7      | 4.019    | 334        | 347      | 359       | rBV2  | 162302      | 573089     | 30.86%       | 3.963%     |
| 8      | 4.360    | 400        | 403      | 404       | rBV2  | 1753        | 1564       | 0.08%        | 0.011%     |
| 9      | 4.403    | 404        | 410      | 411       | rBV3  | 4853        | 8120       | 0.44%        | 0.056%     |
| 10     | 4.610    | 439        | 444      | 446       | rBV5  | 992         | 1308       | 0.07%        | 0.009%     |
| 11     | 4.830    | 477        | 480      | 482       | rBV2  | 897         | 1095       | 0.06%        | 0.008%     |
| 12     | 4.909    | 482        | 493      | 512       | rBV3  | 53894       | 240582     | 12.95%       | 1.663%     |
| 13     | 5.397    | 570        | 573      | 575       | rVB4  | 1491        | 1690       | 0.09%        | 0.012%     |
| 14     | 5.470    | 582        | 585      | 587       | rBV4  | 903         | 1298       | 0.07%        | 0.009%     |
| 15     | 5.647    | 611        | 614      | 617       | rVB3  | 999         | 1233       | 0.07%        | 0.009%     |
| 16     | 5.683    | 617        | 620      | 622       | rBV3  | 1021        | 1092       | 0.06%        | 0.008%     |
| 17     | 5.781    | 633        | 636      | 639       | rBV4  | 949         | 1222       | 0.07%        | 0.008%     |
| 18     | 5.927    | 650        | 660      | 672       | rVB3  | 13044       | 40356      | 2.17%        | 0.279%     |
| 19     | 6.104    | 684        | 689      | 692       | rBV4  | 1552        | 2421       | 0.13%        | 0.017%     |
| 20     | 6.421    | 738        | 741      | 744       | rBV3  | 892         | 1112       | 0.06%        | 0.008%     |
| 21     | 6.775    | 795        | 799      | 800       | rBV3  | 1047        | 1292       | 0.07%        | 0.009%     |
| 22     | 6.903    | 809        | 820      | 829       | rBV8  | 6520        | 20485      | 1.10%        | 0.142%     |
| 23     | 6.976    | 831        | 832      | 837       | rVB3  | 952         | 1333       | 0.07%        | 0.009%     |
| 24     | 7.018    | 837        | 839      | 840       | rBV2  | 1210        | 1186       | 0.06%        | 0.008%     |
| 25     | 7.079    | 840        | 849      | 873       | rVB   | 59068       | 179011     | 9.64%        | 1.238%     |
| 26     | 7.524    | 918        | 922      | 924       | rBV2  | 2006        | 2900       | 0.16%        | 0.020%     |
| 27     | 7.640    | 930        | 941      | 952       | rBV   | 349803      | 857044     | 46.15%       | 5.926%     |
| 28     | 7.933    | 983        | 989      | 990       | rBV4  | 1598        | 2621       | 0.14%        | 0.018%     |
| 29     | 8.158    | 1024       | 1026     | 1029      | rBV4  | 1033        | 1126       | 0.06%        | 0.008%     |
| 30     | 8.274    | 1034       | 1045     | 1063      | rBV2  | 628355      | 1857247    | 100.00%      | 12.842%    |
| 31     | 8.390    | 1063       | 1064     | 1067      | rVV3  | 2444        | 2286       | 0.12%        | 0.016%     |
| 32     | 8.482    | 1076       | 1079     | 1082      | rVB4  | 1408        | 1596       | 0.09%        | 0.011%     |
| 33     | 8.628    | 1099       | 1103     | 1105      | rVB4  | 1162        | 1373       | 0.07%        | 0.009%     |
| 34     | 8.689    | 1110       | 1113     | 1116      | rBV5  | 2834        | 4036       | 0.22%        | 0.028%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 8.841  | 1128 | 1138 | 1149 | rBV  | 696336 | 1355799 | 73.00% | 9.375%  |
| 36 | 9.030  | 1163 | 1169 | 1175 | rBV  | 24670  | 52542   | 2.83%  | 0.363%  |
| 37 | 9.274  | 1201 | 1209 | 1226 | rVB  | 454394 | 932314  | 50.20% | 6.446%  |
| 38 | 9.390  | 1226 | 1228 | 1231 | rBV4 | 1382   | 1561    | 0.08%  | 0.011%  |
| 39 | 9.500  | 1243 | 1246 | 1252 | rVB5 | 3134   | 5238    | 0.28%  | 0.036%  |
| 40 | 9.652  | 1267 | 1271 | 1274 | rBV5 | 4066   | 6522    | 0.35%  | 0.045%  |
| 41 | 9.762  | 1284 | 1289 | 1295 | rVB6 | 1448   | 3409    | 0.18%  | 0.024%  |
| 42 | 9.890  | 1306 | 1310 | 1316 | rVB8 | 3448   | 6695    | 0.36%  | 0.046%  |
| 43 | 10.036 | 1326 | 1334 | 1343 | rBV  | 209151 | 393844  | 21.21% | 2.723%  |
| 44 | 10.207 | 1360 | 1362 | 1364 | rBV3 | 1345   | 1566    | 0.08%  | 0.011%  |
| 45 | 10.249 | 1364 | 1369 | 1373 | rVV5 | 2902   | 5497    | 0.30%  | 0.038%  |
| 46 | 10.323 | 1373 | 1381 | 1388 | rVV  | 814626 | 1421588 | 76.54% | 9.830%  |
| 47 | 10.390 | 1388 | 1392 | 1401 | rVV  | 41851  | 75592   | 4.07%  | 0.523%  |
| 48 | 10.469 | 1403 | 1405 | 1406 | rVV2 | 1372   | 1356    | 0.07%  | 0.009%  |
| 49 | 10.506 | 1408 | 1411 | 1415 | rVV6 | 3157   | 5038    | 0.27%  | 0.035%  |
| 50 | 10.579 | 1416 | 1423 | 1434 | rVB  | 151262 | 261024  | 14.05% | 1.805%  |
| 51 | 10.701 | 1440 | 1443 | 1448 | rVB2 | 5781   | 9141    | 0.49%  | 0.063%  |
| 52 | 10.847 | 1465 | 1467 | 1473 | rVB7 | 3006   | 3811    | 0.21%  | 0.026%  |
| 53 | 10.926 | 1473 | 1480 | 1489 | rBV  | 227973 | 392332  | 21.12% | 2.713%  |
| 54 | 11.073 | 1500 | 1504 | 1510 | rVB7 | 7429   | 13082   | 0.70%  | 0.090%  |
| 55 | 11.280 | 1535 | 1538 | 1539 | rBV3 | 1412   | 1353    | 0.07%  | 0.009%  |
| 56 | 11.414 | 1554 | 1560 | 1563 | rVB8 | 2958   | 6032    | 0.32%  | 0.042%  |
| 57 | 11.493 | 1571 | 1573 | 1574 | rBV  | 1503   | 1378    | 0.07%  | 0.010%  |
| 58 | 11.633 | 1588 | 1596 | 1605 | rBV  | 988749 | 1685194 | 90.74% | 11.652% |
| 59 | 11.841 | 1626 | 1630 | 1635 | rBV4 | 6290   | 10265   | 0.55%  | 0.071%  |
| 60 | 11.969 | 1649 | 1651 | 1655 | rBV5 | 1568   | 2569    | 0.14%  | 0.018%  |
| 61 | 12.017 | 1658 | 1659 | 1662 | rVB3 | 2405   | 1436    | 0.08%  | 0.010%  |
| 62 | 12.091 | 1668 | 1671 | 1673 | rBV4 | 1514   | 2023    | 0.11%  | 0.014%  |
| 63 | 12.164 | 1679 | 1683 | 1685 | rBV4 | 2343   | 3314    | 0.18%  | 0.023%  |
| 64 | 12.341 | 1707 | 1712 | 1716 | rVB5 | 2580   | 3711    | 0.20%  | 0.026%  |
| 65 | 12.444 | 1727 | 1729 | 1732 | rBV2 | 939    | 1483    | 0.08%  | 0.010%  |
| 66 | 12.469 | 1732 | 1733 | 1739 | rBV5 | 1674   | 1761    | 0.09%  | 0.012%  |
| 67 | 12.603 | 1750 | 1755 | 1761 | rVB3 | 8472   | 16029   | 0.86%  | 0.111%  |
| 68 | 12.694 | 1761 | 1770 | 1778 | rBV  | 360734 | 592003  | 31.88% | 4.093%  |
| 69 | 12.804 | 1786 | 1788 | 1791 | rVB3 | 1643   | 1211    | 0.07%  | 0.008%  |
| 70 | 12.877 | 1794 | 1800 | 1803 | rBV6 | 3037   | 5635    | 0.30%  | 0.039%  |
| 71 | 12.932 | 1805 | 1809 | 1816 | rVB5 | 10031  | 15793   | 0.85%  | 0.109%  |

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 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\SOM2WLM040319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 12.999 | 1816 | 1820 | 1821 | rVB3 | 1228   | 1312    | 0.07%  | 0.009%  |
| 73  | 13.023 | 1821 | 1824 | 1827 | rBV4 | 1257   | 1551    | 0.08%  | 0.011%  |
| 74  | 13.109 | 1836 | 1838 | 1844 | rBV7 | 2111   | 3536    | 0.19%  | 0.024%  |
| 75  | 13.255 | 1857 | 1862 | 1866 | rBV4 | 4538   | 7717    | 0.42%  | 0.053%  |
| 76  | 13.292 | 1866 | 1868 | 1870 | rBV3 | 1353   | 1317    | 0.07%  | 0.009%  |
| 77  | 13.401 | 1880 | 1886 | 1891 | rBV4 | 9882   | 18948   | 1.02%  | 0.131%  |
| 78  | 13.468 | 1894 | 1897 | 1898 | rBV3 | 1889   | 1925    | 0.10%  | 0.013%  |
| 79  | 13.560 | 1905 | 1912 | 1924 | rBV  | 937189 | 1480767 | 79.73% | 10.239% |
| 80  | 13.651 | 1924 | 1927 | 1933 | rVB5 | 6904   | 10433   | 0.56%  | 0.072%  |
| 81  | 13.767 | 1939 | 1946 | 1951 | rBV9 | 2845   | 7375    | 0.40%  | 0.051%  |
| 82  | 13.853 | 1953 | 1960 | 1968 | rBV  | 774637 | 1289861 | 69.45% | 8.919%  |
| 83  | 14.078 | 1992 | 1997 | 2003 | rVB2 | 6949   | 11435   | 0.62%  | 0.079%  |
| 84  | 14.328 | 2033 | 2038 | 2047 | rVV3 | 21019  | 36847   | 1.98%  | 0.255%  |
| 85  | 14.529 | 2067 | 2071 | 2076 | rVB7 | 2223   | 3291    | 0.18%  | 0.023%  |
| 86  | 14.584 | 2078 | 2080 | 2084 | rVB4 | 1223   | 1142    | 0.06%  | 0.008%  |
| 87  | 14.633 | 2086 | 2088 | 2092 | rBV4 | 1176   | 1172    | 0.06%  | 0.008%  |
| 88  | 14.730 | 2100 | 2104 | 2109 | rBV3 | 10969  | 16355   | 0.88%  | 0.113%  |
| 89  | 14.834 | 2118 | 2121 | 2124 | rBV3 | 1126   | 1430    | 0.08%  | 0.010%  |
| 90  | 15.005 | 2146 | 2149 | 2154 | rVB6 | 1156   | 1621    | 0.09%  | 0.011%  |
| 91  | 15.066 | 2157 | 2159 | 2161 | rBV3 | 1072   | 1126    | 0.06%  | 0.008%  |
| 92  | 15.182 | 2176 | 2178 | 2182 | rBV5 | 2235   | 2515    | 0.14%  | 0.017%  |
| 93  | 15.358 | 2205 | 2207 | 2212 | rBV4 | 1654   | 2034    | 0.11%  | 0.014%  |
| 94  | 15.438 | 2212 | 2220 | 2227 | rVV3 | 13994  | 30796   | 1.66%  | 0.213%  |
| 95  | 15.499 | 2227 | 2230 | 2240 | rVB3 | 5293   | 10105   | 0.54%  | 0.070%  |
| 96  | 15.584 | 2242 | 2244 | 2246 | rBV3 | 1424   | 1629    | 0.09%  | 0.011%  |
| 97  | 15.742 | 2267 | 2270 | 2272 | rVB4 | 1180   | 1411    | 0.08%  | 0.010%  |
| 98  | 15.797 | 2276 | 2279 | 2281 | rBV4 | 2342   | 3428    | 0.18%  | 0.024%  |
| 99  | 16.462 | 2386 | 2388 | 2390 | rVV3 | 1281   | 1187    | 0.06%  | 0.008%  |
| 100 | 16.504 | 2393 | 2395 | 2398 | rVB4 | 1378   | 1251    | 0.07%  | 0.009%  |

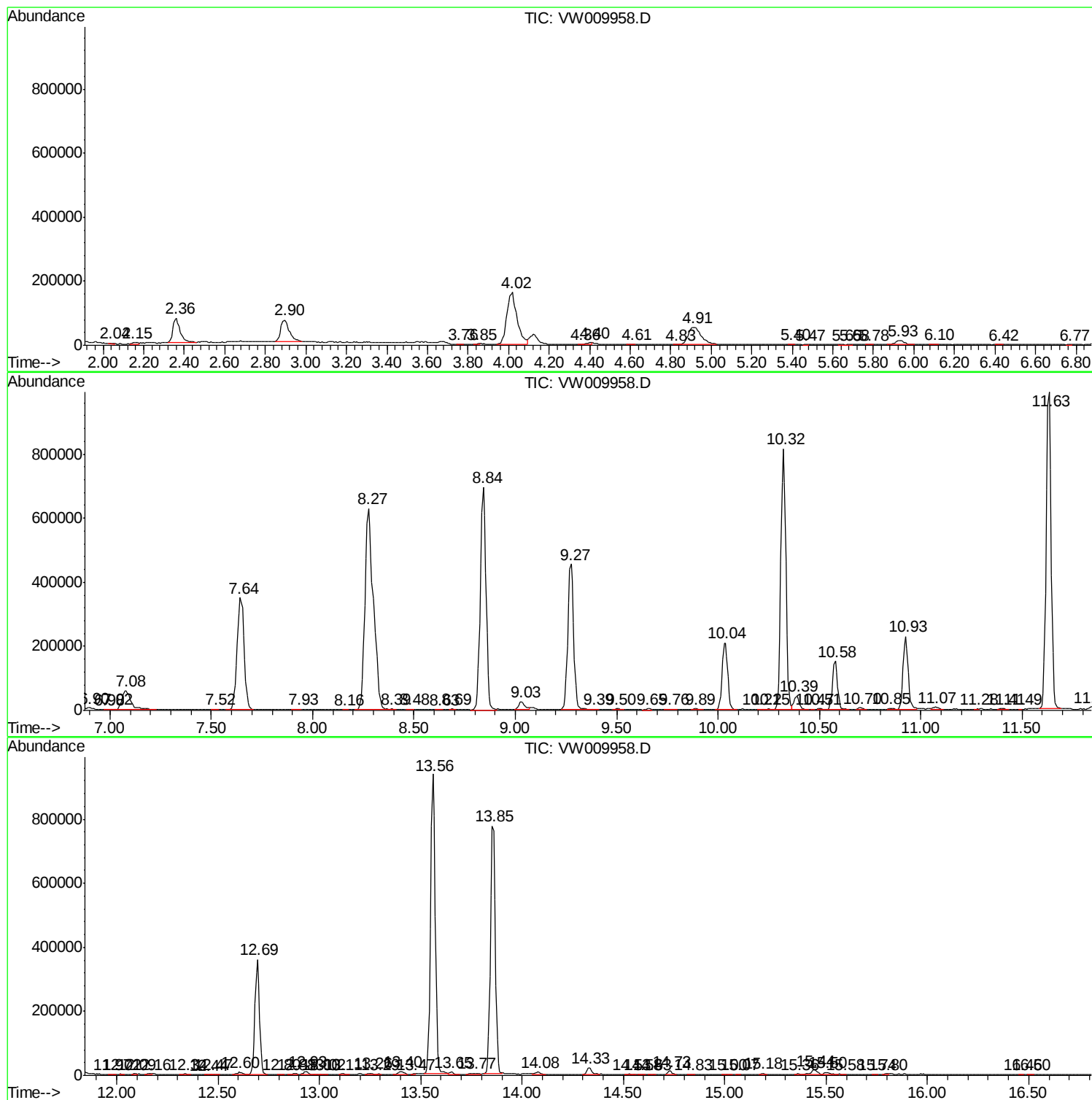
Sum of corrected areas: 14462399

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW041119\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.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        |