

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\  
 Data File : VW016074.D  
 Acq On : 07 Aug 2020 13:46  
 Operator : SY/VA  
 Sample : L3579-02RE  
 Misc : 6.24G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFSM5RE

## 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\SOM2WLM072020S.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      | 2.355    | 68         | 74       | 87        | rVB   | 54627       | 112243     | 10.27%       | 1.309%     |
| 2      | 2.892    | 155        | 162      | 180       | rVB   | 40951       | 108468     | 9.93%        | 1.265%     |
| 3      | 4.013    | 335        | 346      | 363       | rBV   | 111631      | 340574     | 31.17%       | 3.971%     |
| 4      | 4.257    | 384        | 386      | 389       | rVB   | 221         | 192        | 0.02%        | 0.002%     |
| 5      | 4.336    | 395        | 399      | 400       | rBV2  | 199         | 156        | 0.01%        | 0.002%     |
| 6      | 4.361    | 400        | 403      | 405       | rBV3  | 366         | 497        | 0.05%        | 0.006%     |
| 7      | 4.452    | 417        | 418      | 422       | rVB2  | 290         | 259        | 0.02%        | 0.003%     |
| 8      | 4.483    | 422        | 423      | 427       | rVB   | 253         | 263        | 0.02%        | 0.003%     |
| 9      | 4.519    | 427        | 429      | 430       | rBV   | 279         | 166        | 0.02%        | 0.002%     |
| 10     | 4.574    | 434        | 438      | 441       | rBV2  | 188         | 345        | 0.03%        | 0.004%     |
| 11     | 4.745    | 464        | 466      | 467       | rVB   | 159         | 113        | 0.01%        | 0.001%     |
| 12     | 4.916    | 483        | 494      | 504       | rBV2  | 20100       | 66916      | 6.12%        | 0.780%     |
| 13     | 5.214    | 540        | 543      | 545       | rBV2  | 138         | 135        | 0.01%        | 0.002%     |
| 14     | 5.495    | 586        | 589      | 590       | rBV   | 113         | 126        | 0.01%        | 0.001%     |
| 15     | 5.531    | 593        | 595      | 597       | rVB2  | 155         | 112        | 0.01%        | 0.001%     |
| 16     | 5.598    | 605        | 606      | 610       | rVB2  | 143         | 147        | 0.01%        | 0.002%     |
| 17     | 5.812    | 638        | 641      | 642       | rVB2  | 178         | 154        | 0.01%        | 0.002%     |
| 18     | 5.836    | 642        | 645      | 646       | rBV   | 121         | 106        | 0.01%        | 0.001%     |
| 19     | 5.854    | 646        | 648      | 651       | rVV2  | 196         | 200        | 0.02%        | 0.002%     |
| 20     | 5.946    | 653        | 663      | 675       | rVV3  | 4841        | 15142      | 1.39%        | 0.177%     |
| 21     | 6.226    | 707        | 709      | 710       | rBV2  | 201         | 147        | 0.01%        | 0.002%     |
| 22     | 6.604    | 769        | 771      | 772       | rBV   | 133         | 112        | 0.01%        | 0.001%     |
| 23     | 6.732    | 791        | 792      | 797       | rVB2  | 163         | 183        | 0.02%        | 0.002%     |
| 24     | 6.781    | 797        | 800      | 803       | rBV   | 157         | 205        | 0.02%        | 0.002%     |
| 25     | 6.836    | 806        | 809      | 812       | rBV2  | 174         | 255        | 0.02%        | 0.003%     |
| 26     | 7.092    | 841        | 851      | 859       | rBV   | 24213       | 69209      | 6.33%        | 0.807%     |
| 27     | 7.299    | 881        | 885      | 888       | rBV3  | 169         | 271        | 0.02%        | 0.003%     |
| 28     | 7.653    | 932        | 943      | 960       | rBV   | 177599      | 426899     | 39.07%       | 4.978%     |
| 29     | 7.872    | 977        | 979      | 980       | rBV   | 165         | 114        | 0.01%        | 0.001%     |
| 30     | 7.897    | 982        | 983      | 984       | rVV   | 229         | 107        | 0.01%        | 0.001%     |
| 31     | 7.921    | 984        | 987      | 988       | rVV   | 137         | 136        | 0.01%        | 0.002%     |
| 32     | 7.952    | 988        | 992      | 997       | rVB2  | 617         | 1294       | 0.12%        | 0.015%     |
| 33     | 8.128    | 1019       | 1021     | 1022      | rBV   | 143         | 110        | 0.01%        | 0.001%     |
| 34     | 8.147    | 1022       | 1024     | 1025      | rVV   | 188         | 117        | 0.01%        | 0.001%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 8.171  | 1027 | 1028 | 1030 | rVB  | 177    | 105     | 0.01%   | 0.001%  |
| 36 | 8.275  | 1035 | 1045 | 1063 | rBV2 | 334008 | 982373  | 89.90%  | 11.455% |
| 37 | 8.470  | 1076 | 1077 | 1080 | rVB  | 119    | 115     | 0.01%   | 0.001%  |
| 38 | 8.628  | 1098 | 1103 | 1105 | rBV3 | 228    | 321     | 0.03%   | 0.004%  |
| 39 | 8.689  | 1109 | 1113 | 1118 | rVB  | 273    | 460     | 0.04%   | 0.005%  |
| 40 | 8.775  | 1125 | 1127 | 1128 | rBV  | 136    | 113     | 0.01%   | 0.001%  |
| 41 | 8.848  | 1130 | 1139 | 1152 | rVV  | 395534 | 784170  | 71.76%  | 9.144%  |
| 42 | 9.092  | 1172 | 1179 | 1186 | rVB5 | 3734   | 8601    | 0.79%   | 0.100%  |
| 43 | 9.275  | 1201 | 1209 | 1220 | rBV  | 224641 | 458155  | 41.93%  | 5.342%  |
| 44 | 9.488  | 1242 | 1244 | 1247 | rVB  | 210    | 164     | 0.02%   | 0.002%  |
| 45 | 9.567  | 1255 | 1257 | 1260 | rVB  | 122    | 134     | 0.01%   | 0.002%  |
| 46 | 9.659  | 1268 | 1272 | 1280 | rVB3 | 959    | 1840    | 0.17%   | 0.021%  |
| 47 | 9.762  | 1286 | 1289 | 1294 | rBV2 | 174    | 312     | 0.03%   | 0.004%  |
| 48 | 10.037 | 1327 | 1334 | 1345 | rBV  | 117454 | 210409  | 19.25%  | 2.454%  |
| 49 | 10.213 | 1362 | 1363 | 1366 | rBV2 | 124    | 100     | 0.01%   | 0.001%  |
| 50 | 10.323 | 1373 | 1381 | 1389 | rBV  | 476878 | 848894  | 77.68%  | 9.899%  |
| 51 | 10.579 | 1416 | 1423 | 1436 | rBV  | 74451  | 128154  | 11.73%  | 1.494%  |
| 52 | 10.671 | 1436 | 1438 | 1439 | rBV  | 175    | 157     | 0.01%   | 0.002%  |
| 53 | 10.707 | 1439 | 1444 | 1450 | rVB2 | 4566   | 7739    | 0.71%   | 0.090%  |
| 54 | 10.793 | 1456 | 1458 | 1459 | rVB  | 243    | 136     | 0.01%   | 0.002%  |
| 55 | 10.866 | 1461 | 1470 | 1476 | rVV  | 616987 | 1092790 | 100.00% | 12.743% |
| 56 | 10.927 | 1476 | 1480 | 1496 | rVB  | 104969 | 172810  | 15.81%  | 2.015%  |
| 57 | 11.451 | 1565 | 1566 | 1569 | rVB  | 178    | 110     | 0.01%   | 0.001%  |
| 58 | 11.536 | 1578 | 1580 | 1581 | rBV  | 132    | 121     | 0.01%   | 0.001%  |
| 59 | 11.634 | 1588 | 1596 | 1610 | rBV  | 538134 | 896368  | 82.03%  | 10.452% |
| 60 | 11.835 | 1625 | 1629 | 1637 | rVB3 | 2144   | 3414    | 0.31%   | 0.040%  |
| 61 | 11.920 | 1640 | 1643 | 1646 | rBV  | 211    | 233     | 0.02%   | 0.003%  |
| 62 | 12.115 | 1672 | 1675 | 1676 | rBV2 | 175    | 127     | 0.01%   | 0.001%  |
| 63 | 12.140 | 1676 | 1679 | 1680 | rVV2 | 143    | 134     | 0.01%   | 0.002%  |
| 64 | 12.176 | 1680 | 1685 | 1692 | rVB5 | 1119   | 2024    | 0.19%   | 0.024%  |
| 65 | 12.231 | 1692 | 1694 | 1697 | rBV2 | 107    | 139     | 0.01%   | 0.002%  |
| 66 | 12.268 | 1698 | 1700 | 1703 | rVB3 | 174    | 135     | 0.01%   | 0.002%  |
| 67 | 12.347 | 1712 | 1713 | 1716 | rBV2 | 153    | 108     | 0.01%   | 0.001%  |
| 68 | 12.396 | 1719 | 1721 | 1724 | rVB2 | 212    | 225     | 0.02%   | 0.003%  |
| 69 | 12.432 | 1724 | 1727 | 1728 | rBV2 | 146    | 138     | 0.01%   | 0.002%  |
| 70 | 12.469 | 1730 | 1733 | 1736 | rVB3 | 362    | 459     | 0.04%   | 0.005%  |
| 71 | 12.530 | 1741 | 1743 | 1744 | rBV  | 187    | 108     | 0.01%   | 0.001%  |

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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\SOM2WLM072020S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 12.561 | 1744 | 1748 | 1751 | rBV4 | 930    | 1226   | 0.11%  | 0.014% |
| 73  | 12.609 | 1751 | 1756 | 1763 | rVB  | 14354  | 21953  | 2.01%  | 0.256% |
| 74  | 12.695 | 1763 | 1770 | 1778 | rBV  | 172068 | 281423 | 25.75% | 3.282% |
| 75  | 12.817 | 1787 | 1790 | 1792 | rBV3 | 127    | 156    | 0.01%  | 0.002% |
| 76  | 12.890 | 1800 | 1802 | 1803 | rBV  | 325    | 222    | 0.02%  | 0.003% |
| 77  | 12.932 | 1806 | 1809 | 1810 | rBV2 | 1024   | 1044   | 0.10%  | 0.012% |
| 78  | 12.969 | 1811 | 1815 | 1821 | rVB2 | 9029   | 13943  | 1.28%  | 0.163% |
| 79  | 13.048 | 1827 | 1828 | 1830 | rBV  | 168    | 104    | 0.01%  | 0.001% |
| 80  | 13.170 | 1846 | 1848 | 1850 | rBV2 | 185    | 140    | 0.01%  | 0.002% |
| 81  | 13.256 | 1857 | 1862 | 1867 | rBV3 | 897    | 1730   | 0.16%  | 0.020% |
| 82  | 13.377 | 1876 | 1882 | 1884 | rBV  | 1088   | 1255   | 0.11%  | 0.015% |
| 83  | 13.414 | 1887 | 1888 | 1891 | rBV2 | 237    | 164    | 0.02%  | 0.002% |
| 84  | 13.475 | 1895 | 1898 | 1900 | rVV3 | 569    | 638    | 0.06%  | 0.007% |
| 85  | 13.560 | 1905 | 1912 | 1922 | rBV  | 513118 | 803954 | 73.57% | 9.375% |
| 86  | 13.652 | 1923 | 1927 | 1932 | rVB2 | 2887   | 4429   | 0.41%  | 0.052% |
| 87  | 13.792 | 1948 | 1950 | 1952 | rBV2 | 243    | 320    | 0.03%  | 0.004% |
| 88  | 13.853 | 1953 | 1960 | 1974 | rVB  | 409459 | 661421 | 60.53% | 7.713% |
| 89  | 13.999 | 1982 | 1984 | 1985 | rBV  | 241    | 120    | 0.01%  | 0.001% |
| 90  | 14.072 | 1991 | 1996 | 2004 | rVB2 | 11293  | 18546  | 1.70%  | 0.216% |
| 91  | 14.152 | 2007 | 2009 | 2010 | rBV  | 270    | 149    | 0.01%  | 0.002% |
| 92  | 14.188 | 2012 | 2015 | 2016 | rBV2 | 260    | 267    | 0.02%  | 0.003% |
| 93  | 14.335 | 2035 | 2039 | 2043 | rBV2 | 974    | 1138   | 0.10%  | 0.013% |
| 94  | 14.420 | 2049 | 2053 | 2056 | rBV4 | 440    | 689    | 0.06%  | 0.008% |
| 95  | 14.627 | 2084 | 2087 | 2093 | rBV4 | 280    | 433    | 0.04%  | 0.005% |
| 96  | 15.255 | 2186 | 2190 | 2195 | rBV3 | 890    | 1415   | 0.13%  | 0.016% |
| 97  | 15.359 | 2204 | 2207 | 2210 | rBV2 | 469    | 654    | 0.06%  | 0.008% |
| 98  | 15.493 | 2224 | 2229 | 2237 | rVB  | 5468   | 10451  | 0.96%  | 0.122% |
| 99  | 15.731 | 2267 | 2268 | 2270 | rBV  | 419    | 214    | 0.02%  | 0.002% |
| 100 | 16.590 | 2407 | 2409 | 2410 | rBV  | 467    | 277    | 0.03%  | 0.003% |

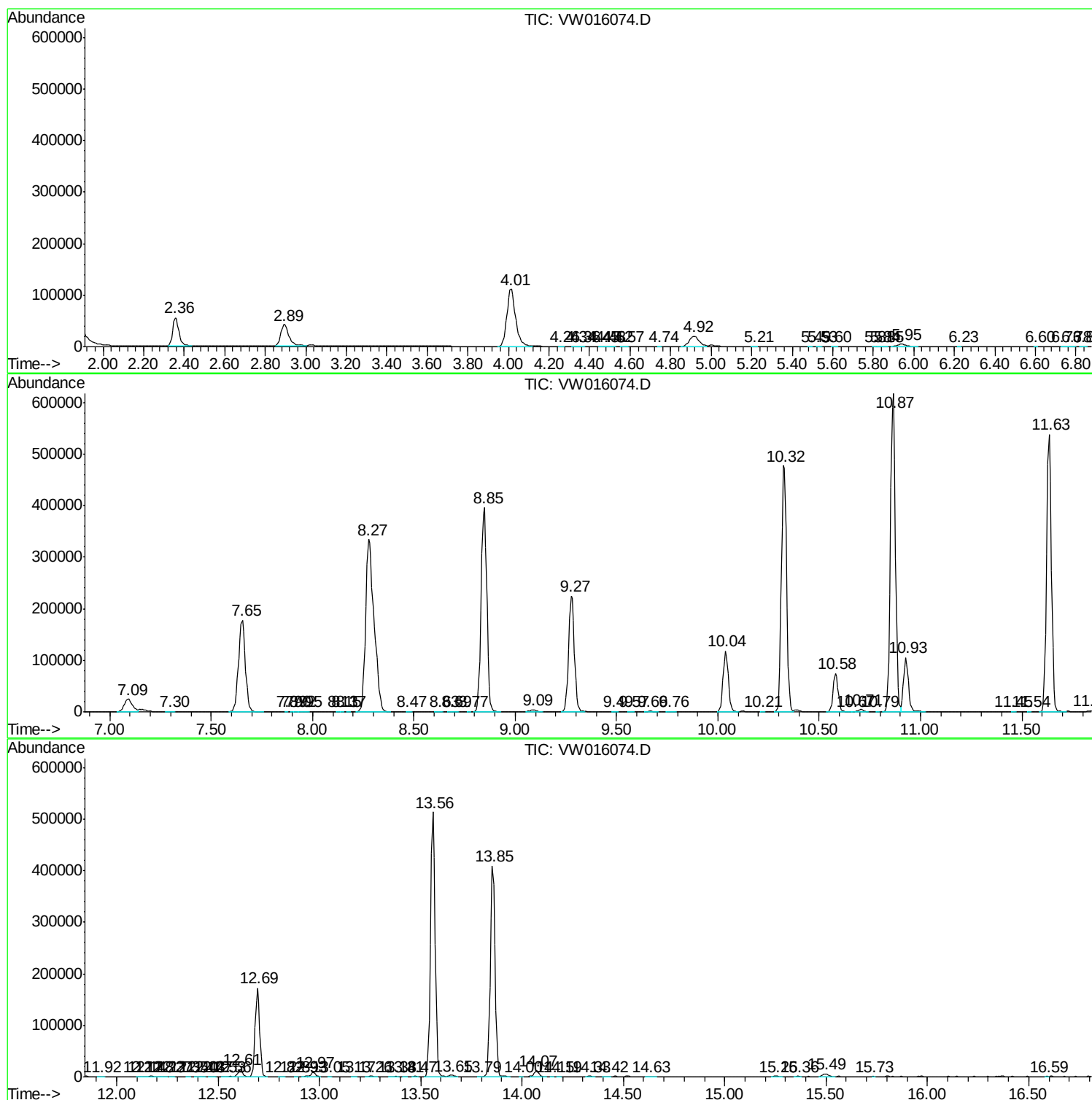
Sum of corrected areas: 8575843

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW080720\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.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        |