

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021221\  
 Data File : VW018101.D  
 Acq On : 12 Feb 2021 11:36  
 Operator : SY/VA  
 Sample : M1371-10  
 Misc : 7.65G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBH20

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018101.D\data.ms

| 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          | 91           | rVB      | 74363          | 152596        | 11.65%          | 1.526%        |
| 2         | 2.891       | 155           | 162         | 177          | rBV      | 56605          | 143783        | 10.98%          | 1.438%        |
| 3         | 3.276       | 223           | 225         | 228          | rBV2     | 260            | 217           | 0.02%           | 0.002%        |
| 4         | 3.696       | 292           | 294         | 296          | rVB      | 196            | 108           | 0.01%           | 0.001%        |
| 5         | 3.788       | 306           | 309         | 310          | rBV2     | 154            | 143           | 0.01%           | 0.001%        |
| 6         | 3.818       | 313           | 314         | 316          | rBV      | 140            | 112           | 0.01%           | 0.001%        |
| 7         | 4.025       | 335           | 348         | 373          | rBV      | 136068         | 442102        | 33.75%          | 4.422%        |
| 8         | 4.269       | 386           | 388         | 389          | rBV2     | 152            | 146           | 0.01%           | 0.001%        |
| 9         | 4.391       | 401           | 408         | 419          | rVB4     | 496            | 1397          | 0.11%           | 0.014%        |
| 10        | 4.580       | 437           | 439         | 442          | rBV      | 153            | 196           | 0.01%           | 0.002%        |
| 11        | 4.733       | 461           | 464         | 466          | rVV2     | 157            | 184           | 0.01%           | 0.002%        |
| 12        | 4.806       | 474           | 476         | 479          | rBV2     | 149            | 204           | 0.02%           | 0.002%        |
| 13        | 4.922       | 484           | 495         | 509          | rBV2     | 8955           | 32557         | 2.49%           | 0.326%        |
| 14        | 5.074       | 517           | 520         | 521          | rBV      | 276            | 233           | 0.02%           | 0.002%        |
| 15        | 5.129       | 527           | 529         | 532          | rVB      | 175            | 188           | 0.01%           | 0.002%        |
| 16        | 5.184       | 536           | 538         | 540          | rVB      | 183            | 127           | 0.01%           | 0.001%        |
| 17        | 5.348       | 561           | 565         | 566          | rVB2     | 145            | 164           | 0.01%           | 0.002%        |
| 18        | 5.501       | 588           | 590         | 592          | rBV2     | 164            | 152           | 0.01%           | 0.002%        |
| 19        | 5.592       | 601           | 605         | 609          | rBV2     | 171            | 375           | 0.03%           | 0.004%        |
| 20        | 5.696       | 620           | 622         | 624          | rBV2     | 134            | 115           | 0.01%           | 0.001%        |
| 21        | 5.732       | 626           | 628         | 631          | rVV      | 144            | 149           | 0.01%           | 0.001%        |
| 22        | 5.769       | 631           | 634         | 636          | rVB2     | 117            | 109           | 0.01%           | 0.001%        |
| 23        | 5.946       | 655           | 663         | 671          | rVB5     | 1638           | 4489          | 0.34%           | 0.045%        |
| 24        | 6.007       | 671           | 673         | 675          | rBV      | 132            | 109           | 0.01%           | 0.001%        |
| 25        | 6.080       | 684           | 685         | 689          | rBV      | 138            | 149           | 0.01%           | 0.001%        |
| 26        | 6.177       | 700           | 701         | 704          | rVV2     | 144            | 137           | 0.01%           | 0.001%        |
| 27        | 6.257       | 709           | 714         | 717          | rBV2     | 156            | 292           | 0.02%           | 0.003%        |
| 28        | 6.440       | 743           | 744         | 750          | rVV2     | 116            | 205           | 0.02%           | 0.002%        |
| 29        | 6.659       | 778           | 780         | 781          | rVV      | 186            | 126           | 0.01%           | 0.001%        |
| 30        | 6.811       | 803           | 805         | 807          | rVB2     | 193            | 133           | 0.01%           | 0.001%        |
| 31        | 6.842       | 807           | 810         | 811          | rBV      | 203            | 157           | 0.01%           | 0.002%        |
| 32        | 6.915       | 820           | 822         | 825          | rBV2     | 95             | 120           | 0.01%           | 0.001%        |
| 33        | 6.952       | 827           | 828         | 832          | rBV2     | 137            | 143           | 0.01%           | 0.001%        |
| 34        | 6.994       | 832           | 835         | 836          | rBV      | 131            | 114           | 0.01%           | 0.001%        |
| 35        | 7.074       | 840           | 848         | 872          | rBV      | 31248          | 92369         | 7.05%           | 0.924%        |
| 36        | 7.336       | 889           | 891         | 893          | rBV2     | 215            | 224           | 0.02%           | 0.002%        |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.543  | 921  | 925  | 927  | rBV3 | 210    | 213     | 0.02%   | 0.002%  |
| 38 | 7.647  | 932  | 942  | 957  | rBV  | 231653 | 569773  | 43.50%  | 5.699%  |
| 39 | 7.884  | 976  | 981  | 985  | rBV2 | 604    | 1033    | 0.08%   | 0.010%  |
| 40 | 7.952  | 988  | 992  | 999  | rVB2 | 1506   | 3000    | 0.23%   | 0.030%  |
| 41 | 8.141  | 1021 | 1023 | 1026 | rBV2 | 104    | 120     | 0.01%   | 0.001%  |
| 42 | 8.275  | 1033 | 1045 | 1062 | rBV2 | 450667 | 1309911 | 100.00% | 13.102% |
| 43 | 8.628  | 1099 | 1103 | 1108 | rVB2 | 407    | 580     | 0.04%   | 0.006%  |
| 44 | 8.689  | 1108 | 1113 | 1118 | rBV2 | 365    | 738     | 0.06%   | 0.007%  |
| 45 | 8.842  | 1129 | 1138 | 1154 | rVV  | 520312 | 1016924 | 77.63%  | 10.171% |
| 46 | 9.079  | 1173 | 1177 | 1181 | rVV4 | 932    | 1681    | 0.13%   | 0.017%  |
| 47 | 9.122  | 1183 | 1184 | 1186 | rVV  | 193    | 135     | 0.01%   | 0.001%  |
| 48 | 9.274  | 1200 | 1209 | 1219 | rBV  | 290640 | 589682  | 45.02%  | 5.898%  |
| 49 | 9.433  | 1233 | 1235 | 1238 | rVB2 | 120    | 117     | 0.01%   | 0.001%  |
| 50 | 9.463  | 1238 | 1240 | 1244 | rVB2 | 144    | 170     | 0.01%   | 0.002%  |
| 51 | 9.665  | 1268 | 1273 | 1279 | rBV4 | 560    | 1086    | 0.08%   | 0.011%  |
| 52 | 9.896  | 1306 | 1311 | 1312 | rBV3 | 282    | 332     | 0.03%   | 0.003%  |
| 53 | 9.945  | 1318 | 1319 | 1323 | rVB2 | 153    | 110     | 0.01%   | 0.001%  |
| 54 | 10.030 | 1326 | 1333 | 1343 | rBV  | 155046 | 288518  | 22.03%  | 2.886%  |
| 55 | 10.201 | 1358 | 1361 | 1363 | rBV  | 184    | 196     | 0.01%   | 0.002%  |
| 56 | 10.244 | 1366 | 1368 | 1372 | rVB2 | 224    | 183     | 0.01%   | 0.002%  |
| 57 | 10.323 | 1373 | 1381 | 1389 | rBV  | 671662 | 1171800 | 89.46%  | 11.720% |
| 58 | 10.579 | 1416 | 1423 | 1433 | rBV  | 99952  | 171038  | 13.06%  | 1.711%  |
| 59 | 10.701 | 1436 | 1443 | 1453 | rVV3 | 2915   | 5676    | 0.43%   | 0.057%  |
| 60 | 10.768 | 1453 | 1454 | 1457 | rVV2 | 190    | 131     | 0.01%   | 0.001%  |
| 61 | 10.860 | 1468 | 1469 | 1473 | rVB2 | 206    | 196     | 0.01%   | 0.002%  |
| 62 | 10.921 | 1473 | 1479 | 1492 | rBV  | 119644 | 209091  | 15.96%  | 2.091%  |
| 63 | 11.073 | 1503 | 1504 | 1509 | rVB2 | 535    | 525     | 0.04%   | 0.005%  |
| 64 | 11.244 | 1530 | 1532 | 1533 | rBV  | 144    | 109     | 0.01%   | 0.001%  |
| 65 | 11.353 | 1545 | 1550 | 1552 | rBV2 | 126    | 200     | 0.02%   | 0.002%  |
| 66 | 11.536 | 1578 | 1580 | 1581 | rBV  | 140    | 136     | 0.01%   | 0.001%  |
| 67 | 11.634 | 1586 | 1596 | 1604 | rBV  | 698040 | 1181233 | 90.18%  | 11.815% |
| 68 | 11.774 | 1618 | 1619 | 1623 | rVB2 | 234    | 196     | 0.01%   | 0.002%  |
| 69 | 11.841 | 1623 | 1630 | 1634 | rBV2 | 896    | 1504    | 0.11%   | 0.015%  |
| 70 | 11.872 | 1634 | 1635 | 1638 | rVB3 | 456    | 382     | 0.03%   | 0.004%  |
| 71 | 12.164 | 1679 | 1683 | 1689 | rBV4 | 635    | 1004    | 0.08%   | 0.010%  |
| 72 | 12.250 | 1693 | 1697 | 1700 | rBV3 | 225    | 332     | 0.03%   | 0.003%  |
| 73 | 12.310 | 1704 | 1707 | 1711 | rBV2 | 148    | 222     | 0.02%   | 0.002%  |
| 74 | 12.609 | 1748 | 1756 | 1762 | rVB2 | 5474   | 10194   | 0.78%   | 0.102%  |
| 75 | 12.688 | 1762 | 1769 | 1777 | rBV  | 222392 | 370769  | 28.30%  | 3.708%  |
| 76 | 12.756 | 1778 | 1780 | 1785 | rVB2 | 798    | 1025    | 0.08%   | 0.010%  |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 12.829 | 1791 | 1792 | 1796 | rBV2 | 111    | 165     | 0.01%  | 0.002%  |
| 78  | 12.896 | 1796 | 1803 | 1806 | rVV4 | 825    | 1369    | 0.10%  | 0.014%  |
| 79  | 12.938 | 1806 | 1810 | 1818 | rVB7 | 831    | 1928    | 0.15%  | 0.019%  |
| 80  | 13.103 | 1835 | 1837 | 1840 | rVB  | 222    | 249     | 0.02%  | 0.002%  |
| 81  | 13.188 | 1849 | 1851 | 1855 | rVB3 | 2263   | 2780    | 0.21%  | 0.028%  |
| 82  | 13.249 | 1855 | 1861 | 1864 | rBV4 | 611    | 1130    | 0.09%  | 0.011%  |
| 83  | 13.408 | 1881 | 1887 | 1892 | rVB3 | 3988   | 6853    | 0.52%  | 0.069%  |
| 84  | 13.469 | 1892 | 1897 | 1901 | rBV3 | 3818   | 5874    | 0.45%  | 0.059%  |
| 85  | 13.560 | 1904 | 1912 | 1925 | rVV  | 723058 | 1181314 | 90.18% | 11.815% |
| 86  | 13.761 | 1941 | 1945 | 1952 | rVB4 | 1927   | 3928    | 0.30%  | 0.039%  |
| 87  | 13.853 | 1952 | 1960 | 1972 | rBV  | 592819 | 981470  | 74.93% | 9.817%  |
| 88  | 14.066 | 1991 | 1995 | 2002 | rVB  | 5427   | 8400    | 0.64%  | 0.084%  |
| 89  | 14.261 | 2025 | 2027 | 2029 | rVB2 | 255    | 113     | 0.01%  | 0.001%  |
| 90  | 14.322 | 2031 | 2037 | 2042 | rBV5 | 1731   | 2692    | 0.21%  | 0.027%  |
| 91  | 14.493 | 2063 | 2065 | 2066 | rBV2 | 273    | 170     | 0.01%  | 0.002%  |
| 92  | 14.517 | 2066 | 2069 | 2072 | rVV3 | 573    | 601     | 0.05%  | 0.006%  |
| 93  | 14.627 | 2083 | 2087 | 2091 | rBV3 | 875    | 1291    | 0.10%  | 0.013%  |
| 94  | 14.719 | 2100 | 2102 | 2104 | rBV2 | 377    | 284     | 0.02%  | 0.003%  |
| 95  | 14.780 | 2110 | 2112 | 2114 | rVB2 | 352    | 185     | 0.01%  | 0.002%  |
| 96  | 14.975 | 2142 | 2144 | 2145 | rVB  | 409    | 192     | 0.01%  | 0.002%  |
| 97  | 15.133 | 2165 | 2170 | 2173 | rBV3 | 1053   | 1814    | 0.14%  | 0.018%  |
| 98  | 15.487 | 2222 | 2228 | 2233 | rBV  | 3097   | 5827    | 0.44%  | 0.058%  |
| 99  | 15.664 | 2255 | 2257 | 2259 | rBV2 | 544    | 529     | 0.04%  | 0.005%  |
| 100 | 16.322 | 2360 | 2365 | 2371 | rBV5 | 1870   | 4493    | 0.34%  | 0.045%  |

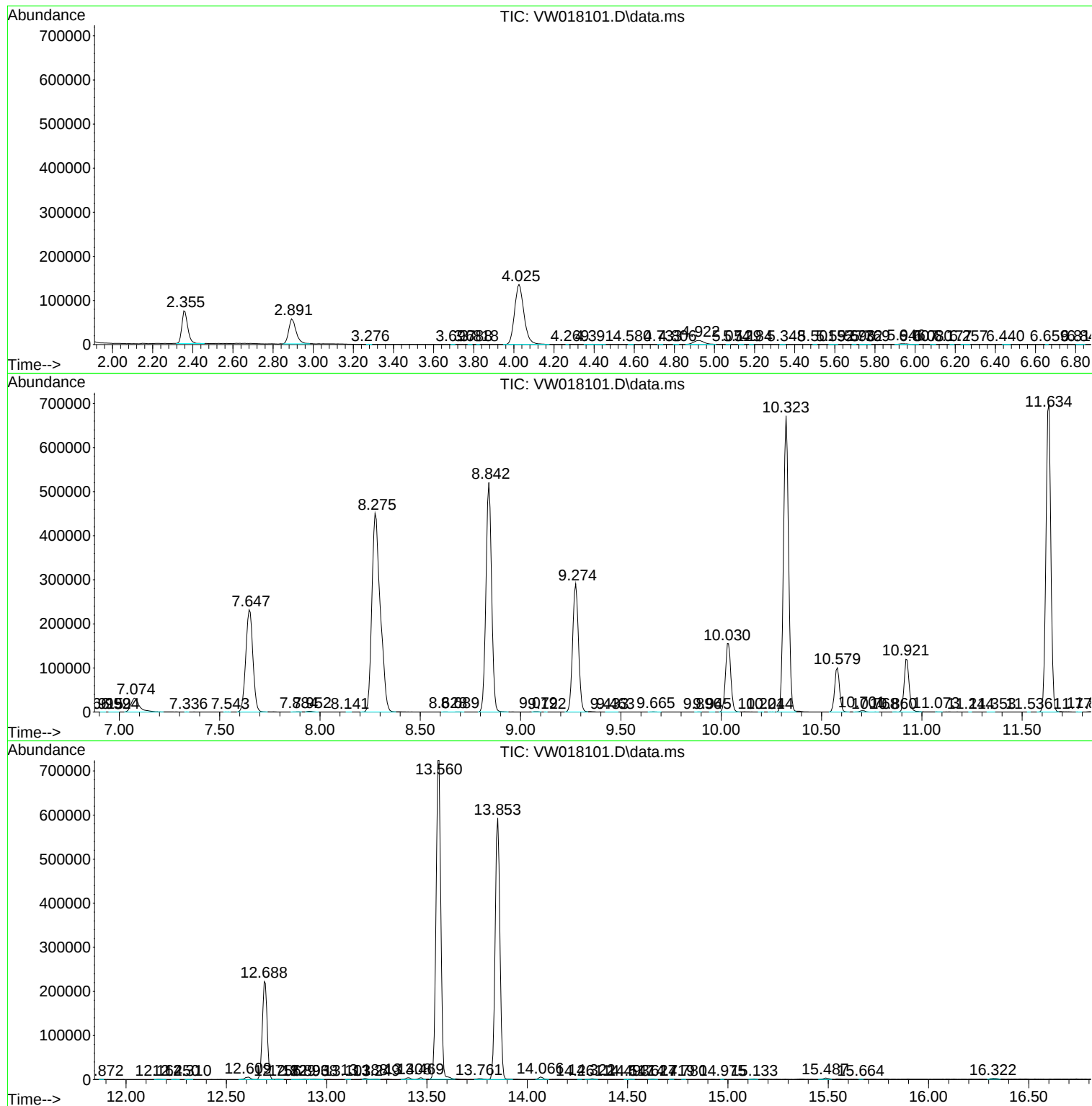
Sum of corrected areas: 9998040

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis

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



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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 |

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