

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031921\  
 Data File : VW018378.D  
 Acq On : 19 Mar 2021 10:53  
 Operator : SY/VA  
 Sample : M1685-01  
 Misc : 5.56G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG487

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\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018378.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         | 2.160       | 38            | 42          | 45           | rBV3     | 5156           | 8519          | 0.48%           | 0.060%        |
| 2         | 2.355       | 69            | 74          | 85           | rVB      | 149661         | 308176        | 17.26%          | 2.180%        |
| 3         | 2.891       | 156           | 162         | 174          | rVB      | 120633         | 289255        | 16.20%          | 2.046%        |
| 4         | 3.373       | 239           | 241         | 244          | rBV2     | 724            | 999           | 0.06%           | 0.007%        |
| 5         | 3.763       | 302           | 305         | 307          | rBV4     | 693            | 865           | 0.05%           | 0.006%        |
| 6         | 4.019       | 334           | 347         | 364          | rBV2     | 208907         | 668688        | 37.44%          | 4.730%        |
| 7         | 4.245       | 382           | 384         | 388          | rBV5     | 727            | 1224          | 0.07%           | 0.009%        |
| 8         | 4.397       | 400           | 409         | 413          | rBV8     | 3350           | 9209          | 0.52%           | 0.065%        |
| 9         | 4.598       | 439           | 442         | 446          | rBV5     | 837            | 1429          | 0.08%           | 0.010%        |
| 10        | 4.763       | 464           | 469         | 470          | rBV2     | 1044           | 1331          | 0.07%           | 0.009%        |
| 11        | 4.915       | 483           | 494         | 508          | rVV      | 15692          | 57546         | 3.22%           | 0.407%        |
| 12        | 5.342       | 561           | 564         | 568          | rVV3     | 904            | 1341          | 0.08%           | 0.009%        |
| 13        | 5.409       | 572           | 575         | 577          | rVV2     | 1005           | 1206          | 0.07%           | 0.009%        |
| 14        | 5.434       | 577           | 579         | 581          | rVV3     | 965            | 1062          | 0.06%           | 0.008%        |
| 15        | 5.531       | 593           | 595         | 597          | rBV3     | 1125           | 1058          | 0.06%           | 0.007%        |
| 16        | 5.623       | 607           | 610         | 613          | rVV3     | 967            | 1075          | 0.06%           | 0.008%        |
| 17        | 5.751       | 627           | 631         | 633          | rVV4     | 1215           | 1801          | 0.10%           | 0.013%        |
| 18        | 5.806       | 636           | 640         | 643          | rVB4     | 804            | 1016          | 0.06%           | 0.007%        |
| 19        | 5.934       | 649           | 661         | 675          | rVV4     | 8133           | 26332         | 1.47%           | 0.186%        |
| 20        | 6.232       | 709           | 710         | 717          | rVV4     | 874            | 1297          | 0.07%           | 0.009%        |
| 21        | 6.348       | 726           | 729         | 732          | rVV5     | 738            | 979           | 0.05%           | 0.007%        |
| 22        | 6.458       | 742           | 747         | 749          | rVB4     | 829            | 1116          | 0.06%           | 0.008%        |
| 23        | 6.488       | 749           | 752         | 756          | rBV4     | 679            | 1137          | 0.06%           | 0.008%        |
| 24        | 7.074       | 840           | 848         | 857          | rBV2     | 43374          | 127561        | 7.14%           | 0.902%        |
| 25        | 7.580       | 928           | 931         | 932          | rBV3     | 954            | 860           | 0.05%           | 0.006%        |
| 26        | 7.647       | 932           | 942         | 952          | rVV      | 297173         | 740714        | 41.48%          | 5.239%        |
| 27        | 7.848       | 970           | 975         | 976          | rVV4     | 1174           | 1971          | 0.11%           | 0.014%        |
| 28        | 7.933       | 987           | 989         | 991          | rVV3     | 810            | 997           | 0.06%           | 0.007%        |
| 29        | 7.958       | 991           | 993         | 997          | rVV2     | 1022           | 1000          | 0.06%           | 0.007%        |
| 30        | 8.275       | 1034          | 1045        | 1066         | rBV2     | 610793         | 1785849       | 100.00%         | 12.631%       |
| 31        | 8.464       | 1073          | 1076        | 1080         | rBV4     | 1080           | 1454          | 0.08%           | 0.010%        |
| 32        | 8.628       | 1099          | 1103        | 1105         | rBV3     | 1187           | 1371          | 0.08%           | 0.010%        |
| 33        | 8.695       | 1113          | 1114        | 1119         | rVB4     | 1662           | 1606          | 0.09%           | 0.011%        |
| 34        | 8.842       | 1127          | 1138        | 1149         | rBV      | 700669         | 1371907       | 76.82%          | 9.704%        |
| 35        | 9.031       | 1165          | 1169        | 1170         | rBV4     | 1884           | 1621          | 0.09%           | 0.011%        |
| 36        | 9.110       | 1180          | 1182        | 1186         | rBV5     | 791            | 937           | 0.05%           | 0.007%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SOM2WLM031921S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 9.274  | 1199 | 1209 | 1219 | rBV  | 394948 | 804737  | 45.06% | 5.692%  |
| 38 | 9.658  | 1264 | 1272 | 1277 | rBV6 | 2649   | 6540    | 0.37%  | 0.046%  |
| 39 | 9.982  | 1322 | 1325 | 1326 | rBV3 | 1415   | 1704    | 0.10%  | 0.012%  |
| 40 | 10.030 | 1326 | 1333 | 1343 | rVV  | 233316 | 431931  | 24.19% | 3.055%  |
| 41 | 10.122 | 1345 | 1348 | 1355 | rVB6 | 1552   | 3211    | 0.18%  | 0.023%  |
| 42 | 10.225 | 1360 | 1365 | 1368 | rBV6 | 1248   | 1932    | 0.11%  | 0.014%  |
| 43 | 10.323 | 1372 | 1381 | 1390 | rBV  | 882975 | 1558847 | 87.29% | 11.026% |
| 44 | 10.433 | 1397 | 1399 | 1402 | rVB4 | 1126   | 964     | 0.05%  | 0.007%  |
| 45 | 10.579 | 1416 | 1423 | 1434 | rVB  | 155015 | 267615  | 14.99% | 1.893%  |
| 46 | 10.701 | 1438 | 1443 | 1449 | rBV3 | 22385  | 37912   | 2.12%  | 0.268%  |
| 47 | 10.805 | 1451 | 1460 | 1463 | rBV6 | 2968   | 8367    | 0.47%  | 0.059%  |
| 48 | 10.859 | 1465 | 1469 | 1474 | rVV4 | 11182  | 18530   | 1.04%  | 0.131%  |
| 49 | 10.920 | 1474 | 1479 | 1490 | rVB  | 184227 | 300821  | 16.84% | 2.128%  |
| 50 | 11.061 | 1498 | 1502 | 1511 | rVB5 | 7039   | 13421   | 0.75%  | 0.095%  |
| 51 | 11.628 | 1587 | 1595 | 1607 | rBV  | 955962 | 1635598 | 91.59% | 11.569% |
| 52 | 11.835 | 1625 | 1629 | 1631 | rVV4 | 2510   | 3820    | 0.21%  | 0.027%  |
| 53 | 12.012 | 1656 | 1658 | 1661 | rVV3 | 794    | 879     | 0.05%  | 0.006%  |
| 54 | 12.067 | 1665 | 1667 | 1671 | rVB4 | 863    | 1221    | 0.07%  | 0.009%  |
| 55 | 12.176 | 1676 | 1685 | 1690 | rBV9 | 3973   | 9250    | 0.52%  | 0.065%  |
| 56 | 12.371 | 1715 | 1717 | 1721 | rVB3 | 1195   | 874     | 0.05%  | 0.006%  |
| 57 | 12.469 | 1729 | 1733 | 1738 | rVV6 | 2232   | 3234    | 0.18%  | 0.023%  |
| 58 | 12.554 | 1742 | 1747 | 1748 | rBV3 | 1146   | 1571    | 0.09%  | 0.011%  |
| 59 | 12.609 | 1748 | 1756 | 1762 | rVB  | 55769  | 96841   | 5.42%  | 0.685%  |
| 60 | 12.688 | 1762 | 1769 | 1777 | rBV  | 293675 | 487472  | 27.30% | 3.448%  |
| 61 | 12.755 | 1777 | 1780 | 1785 | rVB3 | 1988   | 3248    | 0.18%  | 0.023%  |
| 62 | 12.871 | 1796 | 1799 | 1800 | rVV  | 798    | 1012    | 0.06%  | 0.007%  |
| 63 | 12.890 | 1800 | 1802 | 1803 | rVV2 | 1159   | 1001    | 0.06%  | 0.007%  |
| 64 | 12.938 | 1805 | 1810 | 1816 | rVB6 | 3227   | 6981    | 0.39%  | 0.049%  |
| 65 | 13.030 | 1823 | 1825 | 1829 | rVB4 | 1037   | 1365    | 0.08%  | 0.010%  |
| 66 | 13.085 | 1829 | 1834 | 1836 | rBV4 | 1167   | 1511    | 0.08%  | 0.011%  |
| 67 | 13.115 | 1836 | 1839 | 1843 | rVB4 | 1210   | 1930    | 0.11%  | 0.014%  |
| 68 | 13.194 | 1847 | 1852 | 1855 | rBV5 | 1779   | 3009    | 0.17%  | 0.021%  |
| 69 | 13.243 | 1857 | 1860 | 1864 | rBV3 | 2175   | 2999    | 0.17%  | 0.021%  |
| 70 | 13.292 | 1864 | 1868 | 1873 | rVB5 | 6005   | 10176   | 0.57%  | 0.072%  |
| 71 | 13.402 | 1881 | 1886 | 1891 | rBV7 | 3888   | 6767    | 0.38%  | 0.048%  |
| 72 | 13.493 | 1894 | 1901 | 1904 | rBV5 | 3775   | 7266    | 0.41%  | 0.051%  |
| 73 | 13.554 | 1904 | 1911 | 1918 | rBV  | 989007 | 1588068 | 88.93% | 11.232% |
| 74 | 13.646 | 1924 | 1926 | 1932 | rVB5 | 2965   | 3909    | 0.22%  | 0.028%  |
| 75 | 13.761 | 1941 | 1945 | 1949 | rBV6 | 2486   | 4562    | 0.26%  | 0.032%  |
| 76 | 13.853 | 1952 | 1960 | 1968 | rVV  | 753243 | 1235214 | 69.17% | 8.737%  |

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 BG487

Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

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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\SOM2WLM031921S.M

Title : VOC Analysis

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 14.066 | 1990 | 1995 | 2005 | rVB  | 29150 | 47703 | 2.67% | 0.337% |
| 78  | 14.322 | 2030 | 2037 | 2041 | rVV6 | 6423  | 11868 | 0.66% | 0.084% |
| 79  | 14.359 | 2041 | 2043 | 2046 | rVV4 | 1068  | 1009  | 0.06% | 0.007% |
| 80  | 14.389 | 2046 | 2048 | 2052 | rVB4 | 1130  | 1114  | 0.06% | 0.008% |
| 81  | 14.487 | 2062 | 2064 | 2066 | rBV3 | 1006  | 1127  | 0.06% | 0.008% |
| 82  | 14.627 | 2080 | 2087 | 2091 | rVB7 | 4610  | 7898  | 0.44% | 0.056% |
| 83  | 14.688 | 2095 | 2097 | 2098 | rVV  | 1247  | 957   | 0.05% | 0.007% |
| 84  | 14.719 | 2099 | 2102 | 2107 | rVV5 | 3763  | 6047  | 0.34% | 0.043% |
| 85  | 14.968 | 2140 | 2143 | 2145 | rBV2 | 813   | 1186  | 0.07% | 0.008% |
| 86  | 15.011 | 2149 | 2150 | 2153 | rBV3 | 861   | 974   | 0.05% | 0.007% |
| 87  | 15.036 | 2153 | 2154 | 2159 | rBV4 | 701   | 961   | 0.05% | 0.007% |
| 88  | 15.127 | 2164 | 2169 | 2174 | rBV7 | 4632  | 9389  | 0.53% | 0.066% |
| 89  | 15.310 | 2196 | 2199 | 2202 | rBV5 | 874   | 1488  | 0.08% | 0.011% |
| 90  | 15.359 | 2203 | 2207 | 2215 | rVV  | 4939  | 9642  | 0.54% | 0.068% |
| 91  | 15.487 | 2223 | 2228 | 2234 | rVB2 | 6662  | 13291 | 0.74% | 0.094% |
| 92  | 15.548 | 2234 | 2238 | 2245 | rVB7 | 5868  | 10709 | 0.60% | 0.076% |
| 93  | 15.761 | 2270 | 2273 | 2276 | rBV4 | 1231  | 1776  | 0.10% | 0.013% |
| 94  | 15.798 | 2278 | 2279 | 2283 | rVB3 | 2460  | 1466  | 0.08% | 0.010% |
| 95  | 15.828 | 2283 | 2284 | 2289 | rBV4 | 1069  | 1871  | 0.10% | 0.013% |
| 96  | 16.310 | 2360 | 2363 | 2365 | rBV4 | 987   | 1394  | 0.08% | 0.010% |
| 97  | 16.480 | 2389 | 2391 | 2397 | rVB5 | 1777  | 2288  | 0.13% | 0.016% |
| 98  | 16.547 | 2399 | 2402 | 2404 | rBV4 | 706   | 888   | 0.05% | 0.006% |
| 99  | 16.706 | 2425 | 2428 | 2430 | rBV3 | 1139  | 1341  | 0.08% | 0.009% |
| 100 | 16.730 | 2430 | 2432 | 2434 | rBV2 | 981   | 1031  | 0.06% | 0.007% |

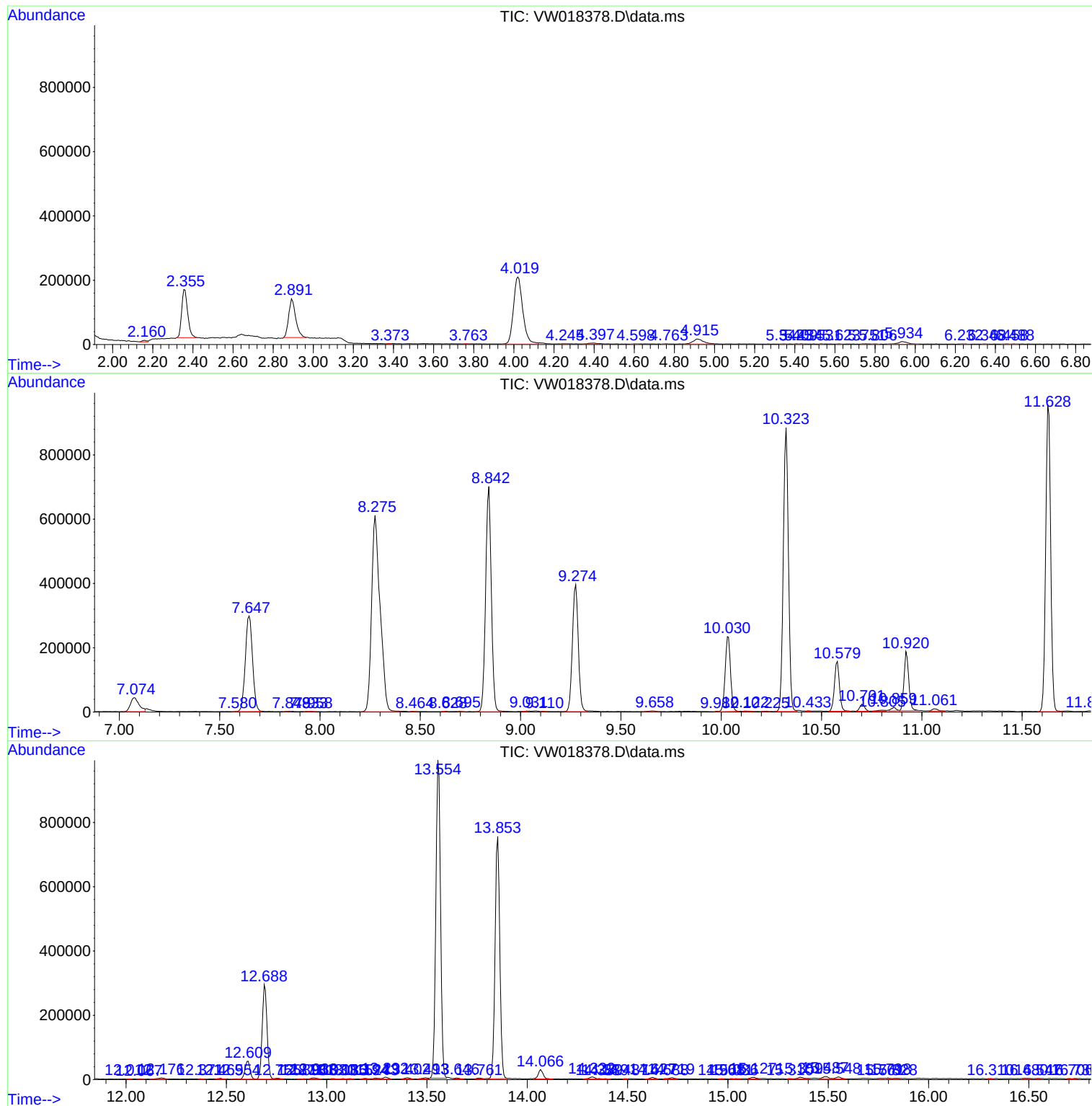
Sum of corrected areas: 14138237

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031921\  
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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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