

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020221\  
 Data File : VW018017.D  
 Acq On : 02 Feb 2021 17:47  
 Operator : SY/VA  
 Sample : M1298-12  
 Misc : 4.52G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0A38

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: VW018017.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       | 69            | 74          | 86           | rVB      | 70428          | 150352        | 14.02%          | 2.025%        |
| 2         | 2.897       | 155           | 163         | 180          | rBV      | 52818          | 135679        | 12.65%          | 1.827%        |
| 3         | 3.544       | 261           | 269         | 272          | rBV2     | 714            | 2012          | 0.19%           | 0.027%        |
| 4         | 3.812       | 311           | 313         | 316          | rBV      | 263            | 161           | 0.02%           | 0.002%        |
| 5         | 3.836       | 316           | 317         | 320          | rBV      | 147            | 129           | 0.01%           | 0.002%        |
| 6         | 4.025       | 335           | 348         | 370          | rBV      | 120279         | 398079        | 37.13%          | 5.361%        |
| 7         | 4.342       | 399           | 400         | 401          | rBV      | 210            | 148           | 0.01%           | 0.002%        |
| 8         | 4.385       | 401           | 407         | 418          | rVB3     | 1777           | 5669          | 0.53%           | 0.076%        |
| 9         | 4.525       | 427           | 430         | 431          | rBV      | 192            | 148           | 0.01%           | 0.002%        |
| 10        | 4.611       | 440           | 444         | 445          | rBV      | 106            | 123           | 0.01%           | 0.002%        |
| 11        | 4.653       | 449           | 451         | 453          | rBV2     | 147            | 141           | 0.01%           | 0.002%        |
| 12        | 4.745       | 464           | 466         | 469          | rBV2     | 125            | 149           | 0.01%           | 0.002%        |
| 13        | 4.800       | 473           | 475         | 477          | rBV2     | 113            | 125           | 0.01%           | 0.002%        |
| 14        | 4.824       | 477           | 479         | 480          | rVB      | 245            | 131           | 0.01%           | 0.002%        |
| 15        | 4.848       | 480           | 483         | 485          | rBV2     | 115            | 122           | 0.01%           | 0.002%        |
| 16        | 4.915       | 485           | 494         | 508          | rBV2     | 7466           | 28586         | 2.67%           | 0.385%        |
| 17        | 5.074       | 518           | 520         | 522          | rBV2     | 131            | 129           | 0.01%           | 0.002%        |
| 18        | 5.159       | 532           | 534         | 536          | rVV2     | 208            | 210           | 0.02%           | 0.003%        |
| 19        | 5.714       | 624           | 625         | 628          | rBV2     | 121            | 129           | 0.01%           | 0.002%        |
| 20        | 5.787       | 631           | 637         | 646          | rVB3     | 1135           | 2422          | 0.23%           | 0.033%        |
| 21        | 5.933       | 654           | 661         | 672          | rVB4     | 2293           | 6851          | 0.64%           | 0.092%        |
| 22        | 6.275       | 716           | 717         | 720          | rBV      | 146            | 125           | 0.01%           | 0.002%        |
| 23        | 6.354       | 728           | 730         | 733          | rVB      | 191            | 197           | 0.02%           | 0.003%        |
| 24        | 6.744       | 790           | 794         | 796          | rBV      | 126            | 147           | 0.01%           | 0.002%        |
| 25        | 7.080       | 840           | 849         | 853          | rBV      | 18862          | 48924         | 4.56%           | 0.659%        |
| 26        | 7.421       | 904           | 905         | 907          | rBV      | 256            | 189           | 0.02%           | 0.003%        |
| 27        | 7.488       | 915           | 916         | 919          | rBV2     | 154            | 129           | 0.01%           | 0.002%        |
| 28        | 7.537       | 919           | 924         | 926          | rBV2     | 566            | 1108          | 0.10%           | 0.015%        |
| 29        | 7.647       | 931           | 942         | 954          | rBV      | 192812         | 478849        | 44.66%          | 6.448%        |
| 30        | 7.945       | 986           | 991         | 999          | rVB4     | 933            | 2005          | 0.19%           | 0.027%        |
| 31        | 8.275       | 1033          | 1045        | 1063         | rBV2     | 363663         | 1072210       | 100.00%         | 14.439%       |
| 32        | 8.622       | 1099          | 1102        | 1103         | rBV      | 247            | 231           | 0.02%           | 0.003%        |
| 33        | 8.683       | 1109          | 1112        | 1113         | rBV3     | 238            | 199           | 0.02%           | 0.003%        |
| 34        | 8.841       | 1129          | 1138        | 1151         | rVV      | 422714         | 833787        | 77.76%          | 11.228%       |
| 35        | 9.073       | 1172          | 1176        | 1182         | rVB4     | 580            | 1137          | 0.11%           | 0.015%        |
| 36        | 9.274       | 1200          | 1209        | 1220         | rBV      | 246250         | 497393        | 46.39%          | 6.698%        |

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Integrator: RTE

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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

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.439  | 1233 | 1236 | 1239 | rVV2 | 138    | 133    | 0.01%  | 0.002%  |
| 38 | 9.561  | 1251 | 1256 | 1258 | rBV  | 161    | 191    | 0.02%  | 0.003%  |
| 39 | 9.847  | 1300 | 1303 | 1306 | rBV  | 144    | 158    | 0.01%  | 0.002%  |
| 40 | 9.878  | 1306 | 1308 | 1310 | rBV  | 162    | 134    | 0.01%  | 0.002%  |
| 41 | 10.036 | 1326 | 1334 | 1345 | rBV  | 112124 | 202606 | 18.90% | 2.728%  |
| 42 | 10.207 | 1359 | 1362 | 1365 | rBV3 | 208    | 340    | 0.03%  | 0.005%  |
| 43 | 10.323 | 1373 | 1381 | 1390 | rBV  | 498424 | 888454 | 82.86% | 11.964% |
| 44 | 10.457 | 1398 | 1403 | 1408 | rBV3 | 646    | 1235   | 0.12%  | 0.017%  |
| 45 | 10.579 | 1416 | 1423 | 1434 | rVB  | 71192  | 121406 | 11.32% | 1.635%  |
| 46 | 10.701 | 1437 | 1443 | 1456 | rVB  | 17921  | 32630  | 3.04%  | 0.439%  |
| 47 | 10.786 | 1456 | 1457 | 1460 | rBV  | 125    | 136    | 0.01%  | 0.002%  |
| 48 | 10.841 | 1465 | 1466 | 1468 | rBV  | 157    | 127    | 0.01%  | 0.002%  |
| 49 | 10.866 | 1468 | 1470 | 1472 | rVB2 | 217    | 158    | 0.01%  | 0.002%  |
| 50 | 10.926 | 1473 | 1480 | 1493 | rBV  | 80709  | 152185 | 14.19% | 2.049%  |
| 51 | 11.067 | 1496 | 1503 | 1515 | rVV  | 17166  | 31138  | 2.90%  | 0.419%  |
| 52 | 11.176 | 1518 | 1521 | 1526 | rVB2 | 424    | 529    | 0.05%  | 0.007%  |
| 53 | 11.244 | 1530 | 1532 | 1539 | rVB2 | 194    | 226    | 0.02%  | 0.003%  |
| 54 | 11.292 | 1539 | 1540 | 1542 | rBV  | 135    | 121    | 0.01%  | 0.002%  |
| 55 | 11.439 | 1554 | 1564 | 1569 | rVB2 | 4287   | 7229   | 0.67%  | 0.097%  |
| 56 | 11.628 | 1588 | 1595 | 1605 | rBV  | 499894 | 841053 | 78.44% | 11.326% |
| 57 | 11.798 | 1619 | 1623 | 1624 | rBV2 | 148    | 129    | 0.01%  | 0.002%  |
| 58 | 11.841 | 1625 | 1630 | 1634 | rVB2 | 671    | 1166   | 0.11%  | 0.016%  |
| 59 | 11.932 | 1642 | 1645 | 1648 | rVB2 | 202    | 268    | 0.02%  | 0.004%  |
| 60 | 11.963 | 1648 | 1650 | 1652 | rBV  | 187    | 205    | 0.02%  | 0.003%  |
| 61 | 12.121 | 1671 | 1676 | 1678 | rBV2 | 148    | 211    | 0.02%  | 0.003%  |
| 62 | 12.158 | 1678 | 1682 | 1684 | rBV3 | 522    | 749    | 0.07%  | 0.010%  |
| 63 | 12.237 | 1694 | 1695 | 1697 | rBV  | 145    | 120    | 0.01%  | 0.002%  |
| 64 | 12.298 | 1703 | 1705 | 1707 | rVB  | 209    | 126    | 0.01%  | 0.002%  |
| 65 | 12.335 | 1707 | 1711 | 1712 | rBV  | 205    | 199    | 0.02%  | 0.003%  |
| 66 | 12.451 | 1728 | 1730 | 1731 | rBV  | 278    | 193    | 0.02%  | 0.003%  |
| 67 | 12.542 | 1743 | 1745 | 1748 | rBV  | 117    | 128    | 0.01%  | 0.002%  |
| 68 | 12.609 | 1748 | 1756 | 1762 | rVV  | 35356  | 55392  | 5.17%  | 0.746%  |
| 69 | 12.694 | 1762 | 1770 | 1778 | rBV  | 160223 | 266922 | 24.89% | 3.594%  |
| 70 | 12.804 | 1786 | 1788 | 1793 | rVB2 | 130    | 181    | 0.02%  | 0.002%  |
| 71 | 12.847 | 1793 | 1795 | 1796 | rBV2 | 130    | 127    | 0.01%  | 0.002%  |
| 72 | 12.896 | 1800 | 1803 | 1804 | rBV2 | 111    | 123    | 0.01%  | 0.002%  |
| 73 | 12.932 | 1804 | 1809 | 1814 | rBV3 | 3365   | 5850   | 0.55%  | 0.079%  |
| 74 | 13.036 | 1820 | 1826 | 1829 | rVB4 | 514    | 903    | 0.08%  | 0.012%  |
| 75 | 13.079 | 1829 | 1833 | 1836 | rBV3 | 821    | 974    | 0.09%  | 0.013%  |
| 76 | 13.213 | 1850 | 1855 | 1860 | rBV4 | 1669   | 2687   | 0.25%  | 0.036%  |

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Min Area: 0 % of largest Peak

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Max Peaks: 100

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Peak separation: 5

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

Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.292 | 1864 | 1868 | 1873 | rVB  | 4466   | 6779   | 0.63%  | 0.091% |
| 78  | 13.383 | 1881 | 1883 | 1884 | rBV  | 354    | 216    | 0.02%  | 0.003% |
| 79  | 13.402 | 1884 | 1886 | 1890 | rVB2 | 593    | 813    | 0.08%  | 0.011% |
| 80  | 13.438 | 1890 | 1892 | 1894 | rBV  | 217    | 225    | 0.02%  | 0.003% |
| 81  | 13.469 | 1894 | 1897 | 1900 | rBV2 | 215    | 295    | 0.03%  | 0.004% |
| 82  | 13.511 | 1900 | 1904 | 1905 | rBV4 | 1038   | 1528   | 0.14%  | 0.021% |
| 83  | 13.560 | 1905 | 1912 | 1923 | rVB  | 364147 | 590906 | 55.11% | 7.957% |
| 84  | 13.652 | 1923 | 1927 | 1930 | rVB4 | 1226   | 1993   | 0.19%  | 0.027% |
| 85  | 13.755 | 1941 | 1944 | 1948 | rBV3 | 1360   | 1951   | 0.18%  | 0.026% |
| 86  | 13.853 | 1953 | 1960 | 1966 | rBV  | 299420 | 488175 | 45.53% | 6.574% |
| 87  | 13.950 | 1973 | 1976 | 1981 | rVB5 | 1046   | 1341   | 0.13%  | 0.018% |
| 88  | 14.017 | 1984 | 1987 | 1989 | rBV3 | 940    | 1178   | 0.11%  | 0.016% |
| 89  | 14.066 | 1990 | 1995 | 2002 | rVB2 | 13089  | 19855  | 1.85%  | 0.267% |
| 90  | 14.200 | 2013 | 2017 | 2021 | rBV3 | 823    | 1347   | 0.13%  | 0.018% |
| 91  | 14.328 | 2032 | 2038 | 2041 | rVB6 | 1426   | 2602   | 0.24%  | 0.035% |
| 92  | 14.426 | 2053 | 2054 | 2057 | rVB2 | 241    | 127    | 0.01%  | 0.002% |
| 93  | 14.718 | 2098 | 2102 | 2107 | rBV3 | 2032   | 3107   | 0.29%  | 0.042% |
| 94  | 14.871 | 2125 | 2127 | 2128 | rBV2 | 308    | 145    | 0.01%  | 0.002% |
| 95  | 15.164 | 2173 | 2175 | 2178 | rVB3 | 809    | 613    | 0.06%  | 0.008% |
| 96  | 15.334 | 2201 | 2203 | 2204 | rBV  | 348    | 183    | 0.02%  | 0.002% |
| 97  | 15.359 | 2204 | 2207 | 2208 | rBV2 | 472    | 523    | 0.05%  | 0.007% |
| 98  | 15.432 | 2215 | 2219 | 2225 | rVB  | 9349   | 14384  | 1.34%  | 0.194% |
| 99  | 15.578 | 2241 | 2243 | 2245 | rBV  | 313    | 288    | 0.03%  | 0.004% |
| 100 | 15.688 | 2257 | 2261 | 2267 | rVB5 | 1470   | 2372   | 0.22%  | 0.032% |

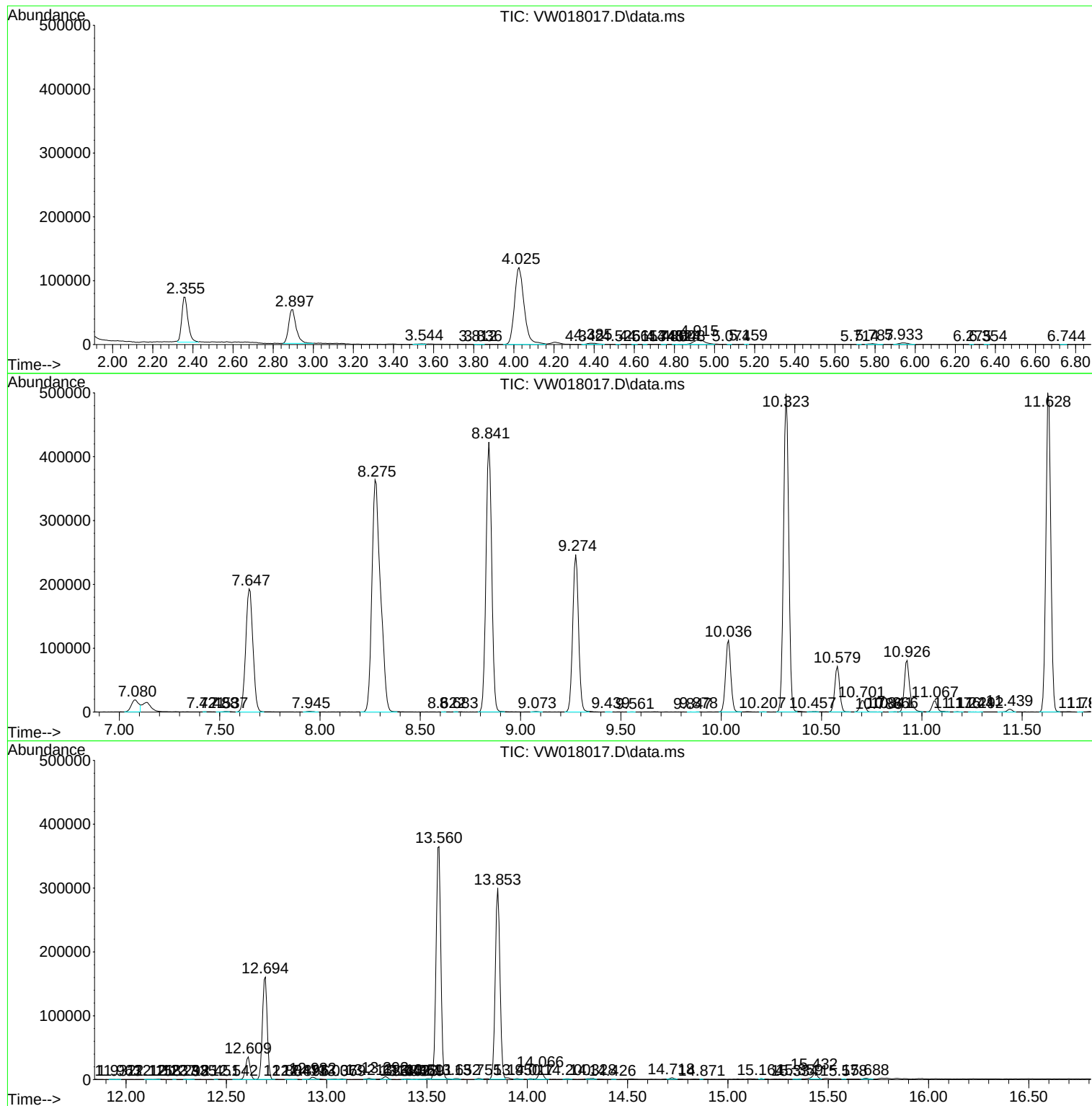
Sum of corrected areas: 7425913

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Instrument :  
MSVOA\_W  
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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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