

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\  
 Data File : VY003600.D  
 Acq On : 24 Nov 2020 13:26  
 Operator : SY/MD  
 Sample : L4860-06  
 Misc : 4.87G/10ML/MSVOA Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 C0BB6

## 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\_Y\METHODS\SOM2YLM111920S.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      | 2.249    | 79         | 84       | 93        | rVB   | 54676       | 95597      | 12.96%       | 1.889%     |
| 2      | 2.548    | 132        | 133      | 134       | rBV   | 728         | 361        | 0.05%        | 0.007%     |
| 3      | 2.774    | 163        | 170      | 181       | rVB   | 38592       | 86794      | 11.77%       | 1.715%     |
| 4      | 3.115    | 223        | 226      | 229       | rVB3  | 441         | 653        | 0.09%        | 0.013%     |
| 5      | 3.340    | 261        | 263      | 266       | rVB2  | 449         | 483        | 0.07%        | 0.010%     |
| 6      | 3.371    | 266        | 268      | 271       | rVB3  | 363         | 423        | 0.06%        | 0.008%     |
| 7      | 3.444    | 278        | 280      | 283       | rBV2  | 396         | 300        | 0.04%        | 0.006%     |
| 8      | 3.529    | 293        | 294      | 298       | rVB3  | 381         | 389        | 0.05%        | 0.008%     |
| 9      | 3.572    | 298        | 301      | 307       | rBV3  | 301         | 545        | 0.07%        | 0.011%     |
| 10     | 3.682    | 317        | 319      | 321       | rVV2  | 463         | 466        | 0.06%        | 0.009%     |
| 11     | 3.859    | 337        | 348      | 362       | rVV   | 107076      | 285496     | 38.70%       | 5.641%     |
| 12     | 3.981    | 366        | 368      | 371       | rVB3  | 702         | 848        | 0.11%        | 0.017%     |
| 13     | 4.072    | 380        | 383      | 385       | rBV3  | 313         | 360        | 0.05%        | 0.007%     |
| 14     | 4.176    | 398        | 400      | 404       | rBV2  | 375         | 478        | 0.06%        | 0.009%     |
| 15     | 4.237    | 407        | 410      | 411       | rBV2  | 460         | 401        | 0.05%        | 0.008%     |
| 16     | 4.267    | 411        | 415      | 418       | rVV3  | 409         | 692        | 0.09%        | 0.014%     |
| 17     | 4.304    | 418        | 421      | 423       | rVV2  | 325         | 370        | 0.05%        | 0.007%     |
| 18     | 4.413    | 437        | 439      | 442       | rBV2  | 325         | 308        | 0.04%        | 0.006%     |
| 19     | 4.724    | 478        | 490      | 504       | rVB2  | 15606       | 47521      | 6.44%        | 0.939%     |
| 20     | 4.932    | 519        | 524      | 528       | rBV4  | 466         | 1043       | 0.14%        | 0.021%     |
| 21     | 5.560    | 625        | 627      | 630       | rBV2  | 277         | 355        | 0.05%        | 0.007%     |
| 22     | 5.755    | 651        | 659      | 662       | rBV4  | 1447        | 3625       | 0.49%        | 0.072%     |
| 23     | 6.053    | 706        | 708      | 713       | rVB2  | 462         | 811        | 0.11%        | 0.016%     |
| 24     | 6.437    | 769        | 771      | 773       | rVB2  | 351         | 304        | 0.04%        | 0.006%     |
| 25     | 6.736    | 817        | 820      | 823       | rBV3  | 341         | 428        | 0.06%        | 0.008%     |
| 26     | 6.901    | 837        | 847      | 855       | rVV   | 18211       | 52836      | 7.16%        | 1.044%     |
| 27     | 6.992    | 855        | 862      | 874       | rVV2  | 13927       | 42731      | 5.79%        | 0.844%     |
| 28     | 7.267    | 904        | 907      | 911       | rVB3  | 376         | 453        | 0.06%        | 0.009%     |
| 29     | 7.407    | 928        | 930      | 933       | rVV2  | 235         | 345        | 0.05%        | 0.007%     |
| 30     | 7.486    | 933        | 943      | 958       | rVV   | 121047      | 302027     | 40.94%       | 5.968%     |
| 31     | 7.590    | 958        | 960      | 962       | rVB2  | 565         | 399        | 0.05%        | 0.008%     |
| 32     | 7.712    | 977        | 980      | 983       | rBV3  | 373         | 427        | 0.06%        | 0.008%     |
| 33     | 7.834    | 997        | 1000     | 1005      | rVV3  | 301         | 520        | 0.07%        | 0.010%     |
| 34     | 8.114    | 1037       | 1046     | 1062      | rBV2  | 249532      | 737670     | 100.00%      | 14.576%    |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM111920S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.236  | 1064 | 1066 | 1071 | rVV4 | 730    | 859    | 0.12%  | 0.017%  |
| 36 | 8.273  | 1071 | 1072 | 1076 | rVV2 | 287    | 342    | 0.05%  | 0.007%  |
| 37 | 8.394  | 1090 | 1092 | 1095 | rVB2 | 377    | 415    | 0.06%  | 0.008%  |
| 38 | 8.547  | 1114 | 1117 | 1119 | rVB3 | 331    | 326    | 0.04%  | 0.006%  |
| 39 | 8.596  | 1123 | 1125 | 1129 | rBV  | 321    | 401    | 0.05%  | 0.008%  |
| 40 | 8.693  | 1132 | 1141 | 1150 | rBV  | 217688 | 423237 | 57.37% | 8.363%  |
| 41 | 8.876  | 1170 | 1171 | 1175 | rBV  | 434    | 472    | 0.06%  | 0.009%  |
| 42 | 9.126  | 1203 | 1212 | 1221 | rBV  | 160005 | 325557 | 44.13% | 6.433%  |
| 43 | 9.205  | 1224 | 1225 | 1227 | rVB2 | 589    | 330    | 0.04%  | 0.007%  |
| 44 | 9.571  | 1282 | 1285 | 1288 | rBV3 | 313    | 451    | 0.06%  | 0.009%  |
| 45 | 9.638  | 1294 | 1296 | 1299 | rBV2 | 352    | 341    | 0.05%  | 0.007%  |
| 46 | 9.888  | 1330 | 1337 | 1349 | rBV  | 97125  | 173753 | 23.55% | 3.433%  |
| 47 | 10.071 | 1362 | 1367 | 1372 | rBV4 | 1275   | 2332   | 0.32%  | 0.046%  |
| 48 | 10.181 | 1377 | 1385 | 1393 | rBV  | 353595 | 617439 | 83.70% | 12.200% |
| 49 | 10.437 | 1420 | 1427 | 1435 | rBV  | 67819  | 112305 | 15.22% | 2.219%  |
| 50 | 10.577 | 1443 | 1450 | 1458 | rVB  | 7284   | 12852  | 1.74%  | 0.254%  |
| 51 | 10.668 | 1462 | 1465 | 1469 | rBV3 | 278    | 417    | 0.06%  | 0.008%  |
| 52 | 10.790 | 1477 | 1485 | 1496 | rBV  | 73951  | 123924 | 16.80% | 2.449%  |
| 53 | 10.949 | 1504 | 1511 | 1516 | rVV2 | 16369  | 28516  | 3.87%  | 0.563%  |
| 54 | 10.992 | 1516 | 1518 | 1521 | rVB3 | 765    | 810    | 0.11%  | 0.016%  |
| 55 | 11.089 | 1529 | 1534 | 1537 | rVV2 | 455    | 710    | 0.10%  | 0.014%  |
| 56 | 11.199 | 1550 | 1552 | 1555 | rVV2 | 367    | 443    | 0.06%  | 0.009%  |
| 57 | 11.315 | 1567 | 1571 | 1578 | rVB2 | 3723   | 5691   | 0.77%  | 0.112%  |
| 58 | 11.485 | 1590 | 1599 | 1614 | rBV  | 301690 | 507598 | 68.81% | 10.030% |
| 59 | 11.699 | 1631 | 1634 | 1638 | rVB3 | 446    | 668    | 0.09%  | 0.013%  |
| 60 | 11.748 | 1640 | 1642 | 1645 | rVB2 | 416    | 443    | 0.06%  | 0.009%  |
| 61 | 11.796 | 1645 | 1650 | 1651 | rBV2 | 300    | 446    | 0.06%  | 0.009%  |
| 62 | 11.827 | 1651 | 1655 | 1658 | rBV3 | 322    | 430    | 0.06%  | 0.008%  |
| 63 | 12.028 | 1686 | 1688 | 1692 | rBV3 | 293    | 385    | 0.05%  | 0.008%  |
| 64 | 12.089 | 1695 | 1698 | 1700 | rVB3 | 427    | 425    | 0.06%  | 0.008%  |
| 65 | 12.314 | 1733 | 1735 | 1737 | rBV2 | 289    | 309    | 0.04%  | 0.006%  |
| 66 | 12.412 | 1747 | 1751 | 1754 | rVB3 | 231    | 305    | 0.04%  | 0.006%  |
| 67 | 12.491 | 1758 | 1764 | 1769 | rBV  | 11538  | 19051  | 2.58%  | 0.376%  |
| 68 | 12.558 | 1769 | 1775 | 1783 | rVV  | 102732 | 164680 | 22.32% | 3.254%  |
| 69 | 12.741 | 1804 | 1805 | 1807 | rBV2 | 442    | 355    | 0.05%  | 0.007%  |
| 70 | 12.820 | 1814 | 1818 | 1826 | rVB6 | 2455   | 4934   | 0.67%  | 0.097%  |
| 71 | 12.894 | 1826 | 1830 | 1831 | rBV  | 254    | 345    | 0.05%  | 0.007%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM111920S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.070 | 1855 | 1859 | 1861 | rBV2 | 401    | 492    | 0.07%  | 0.010% |
| 73  | 13.180 | 1871 | 1877 | 1881 | rBV3 | 1734   | 2665   | 0.36%  | 0.053% |
| 74  | 13.272 | 1888 | 1892 | 1897 | rBV4 | 956    | 1646   | 0.22%  | 0.033% |
| 75  | 13.424 | 1910 | 1917 | 1925 | rVV  | 277032 | 441871 | 59.90% | 8.731% |
| 76  | 13.479 | 1925 | 1926 | 1929 | rVB3 | 656    | 384    | 0.05%  | 0.008% |
| 77  | 13.631 | 1949 | 1951 | 1954 | rBV4 | 686    | 839    | 0.11%  | 0.017% |
| 78  | 13.717 | 1958 | 1965 | 1972 | rBV  | 236737 | 390966 | 53.00% | 7.725% |
| 79  | 13.784 | 1974 | 1976 | 1977 | rVB2 | 516    | 301    | 0.04%  | 0.006% |
| 80  | 13.887 | 1992 | 1993 | 1996 | rVB2 | 727    | 564    | 0.08%  | 0.011% |
| 81  | 13.961 | 2000 | 2005 | 2012 | rVB  | 5311   | 8856   | 1.20%  | 0.175% |
| 82  | 14.034 | 2014 | 2017 | 2018 | rVB2 | 367    | 377    | 0.05%  | 0.007% |
| 83  | 14.076 | 2018 | 2024 | 2025 | rBV2 | 644    | 763    | 0.10%  | 0.015% |
| 84  | 14.198 | 2038 | 2044 | 2049 | rBV4 | 1476   | 2391   | 0.32%  | 0.047% |
| 85  | 14.284 | 2056 | 2058 | 2061 | rVB3 | 594    | 610    | 0.08%  | 0.012% |
| 86  | 14.332 | 2064 | 2066 | 2068 | rBV3 | 408    | 425    | 0.06%  | 0.008% |
| 87  | 14.412 | 2076 | 2079 | 2080 | rVB3 | 801    | 796    | 0.11%  | 0.016% |
| 88  | 14.485 | 2089 | 2091 | 2093 | rVB2 | 508    | 307    | 0.04%  | 0.006% |
| 89  | 14.698 | 2124 | 2126 | 2127 | rBV2 | 622    | 494    | 0.07%  | 0.010% |
| 90  | 14.759 | 2135 | 2136 | 2138 | rBV2 | 519    | 393    | 0.05%  | 0.008% |
| 91  | 14.832 | 2146 | 2148 | 2152 | rVB3 | 559    | 549    | 0.07%  | 0.011% |
| 92  | 14.869 | 2152 | 2154 | 2157 | rBV3 | 476    | 738    | 0.10%  | 0.015% |
| 93  | 14.918 | 2160 | 2162 | 2163 | rVB  | 568    | 309    | 0.04%  | 0.006% |
| 94  | 14.973 | 2169 | 2171 | 2174 | rBV4 | 595    | 741    | 0.10%  | 0.015% |
| 95  | 15.192 | 2205 | 2207 | 2209 | rBV3 | 652    | 379    | 0.05%  | 0.007% |
| 96  | 15.277 | 2219 | 2221 | 2222 | rBV  | 727    | 397    | 0.05%  | 0.008% |
| 97  | 15.643 | 2279 | 2281 | 2284 | rBV3 | 739    | 855    | 0.12%  | 0.017% |
| 98  | 15.759 | 2298 | 2300 | 2304 | rBV5 | 857    | 1268   | 0.17%  | 0.025% |
| 99  | 16.009 | 2339 | 2341 | 2344 | rBV4 | 701    | 921    | 0.12%  | 0.018% |
| 100 | 16.125 | 2358 | 2360 | 2362 | rVB3 | 1077   | 717    | 0.10%  | 0.014% |

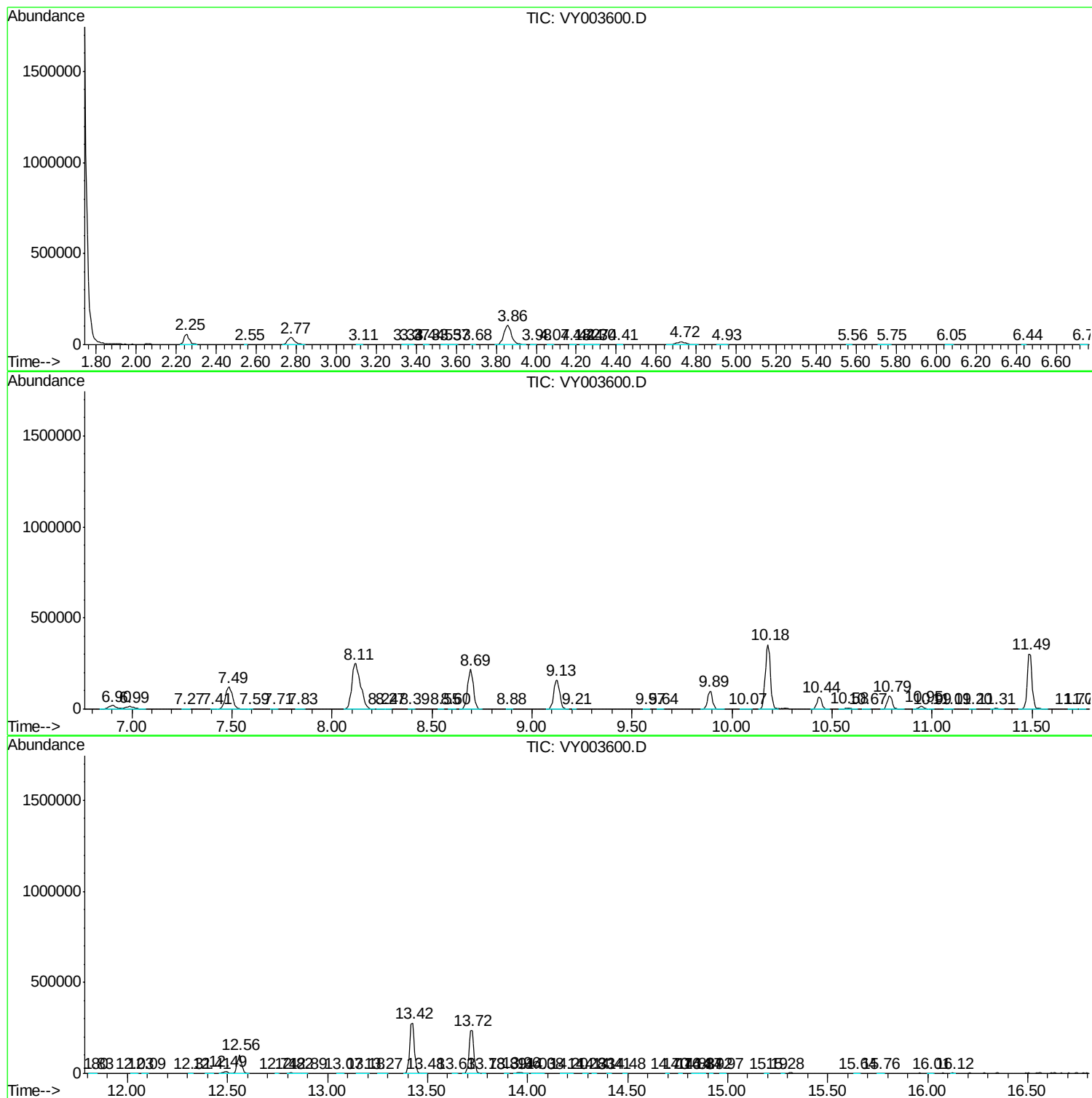
Sum of corrected areas: 5060770

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM111920S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_Y\DATA\VY112420\  
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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        |