

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW072420\  
 Data File : VW015953.D  
 Acq On : 24 Jul 2020 16:29  
 Operator : SY/VA  
 Sample : L3419-16  
 Misc : 4.63G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AF3

## 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<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          | 88           | rVB      | 112940         | 219766        | 13.33%          | 1.969%        |
| 2         | 2.898       | 155           | 163         | 180          | rBV      | 72968          | 192214        | 11.66%          | 1.722%        |
| 3         | 3.885       | 323           | 325         | 328          | rVB2     | 442            | 435           | 0.03%           | 0.004%        |
| 4         | 4.013       | 335           | 346         | 360          | rBV      | 192587         | 561532        | 34.07%          | 5.031%        |
| 5         | 4.196       | 375           | 376         | 386          | rVB4     | 1362           | 2311          | 0.14%           | 0.021%        |
| 6         | 4.403       | 398           | 410         | 422          | rVV2     | 6426           | 21274         | 1.29%           | 0.191%        |
| 7         | 4.922       | 481           | 495         | 515          | rBV2     | 36765          | 123116        | 7.47%           | 1.103%        |
| 8         | 5.098       | 520           | 524         | 525          | rBV2     | 543            | 610           | 0.04%           | 0.005%        |
| 9         | 5.129       | 525           | 529         | 532          | rBV3     | 710            | 1063          | 0.06%           | 0.010%        |
| 10        | 5.440       | 576           | 580         | 582          | rVB3     | 291            | 381           | 0.02%           | 0.003%        |
| 11        | 5.940       | 653           | 662         | 673          | rVB2     | 6055           | 17347         | 1.05%           | 0.155%        |
| 12        | 6.372       | 731           | 733         | 740          | rVB2     | 290            | 449           | 0.03%           | 0.004%        |
| 13        | 7.086       | 840           | 850         | 854          | rBV      | 42234          | 112301        | 6.81%           | 1.006%        |
| 14        | 7.147       | 855           | 860         | 879          | rVB      | 61654          | 173168        | 10.51%          | 1.551%        |
| 15        | 7.378       | 896           | 898         | 901          | rVB3     | 389            | 376           | 0.02%           | 0.003%        |
| 16        | 7.531       | 921           | 923         | 926          | rBV4     | 408            | 552           | 0.03%           | 0.005%        |
| 17        | 7.653       | 932           | 943         | 956          | rVV      | 254005         | 619445        | 37.58%          | 5.550%        |
| 18        | 7.951       | 985           | 992         | 998          | rBV5     | 928            | 2125          | 0.13%           | 0.019%        |
| 19        | 8.165       | 1022          | 1027        | 1028         | rBV      | 301            | 402           | 0.02%           | 0.004%        |
| 20        | 8.275       | 1032          | 1045        | 1062         | rBV2     | 542419         | 1648150       | 100.00%         | 14.766%       |
| 21        | 8.397       | 1062          | 1065        | 1067         | rVV2     | 624            | 943           | 0.06%           | 0.008%        |
| 22        | 8.506       | 1081          | 1083        | 1089         | rVB4     | 393            | 335           | 0.02%           | 0.003%        |
| 23        | 8.628       | 1100          | 1103        | 1107         | rVB3     | 538            | 652           | 0.04%           | 0.006%        |
| 24        | 8.689       | 1107          | 1113        | 1114         | rBV2     | 705            | 833           | 0.05%           | 0.007%        |
| 25        | 8.848       | 1129          | 1139        | 1150         | rBV      | 534451         | 1057547       | 64.17%          | 9.475%        |
| 26        | 9.079       | 1170          | 1177        | 1183         | rBV8     | 1523           | 3419          | 0.21%           | 0.031%        |
| 27        | 9.274       | 1201          | 1209        | 1219         | rBV      | 335996         | 692971        | 42.05%          | 6.208%        |
| 28        | 9.469       | 1235          | 1241        | 1242         | rBV2     | 279            | 417           | 0.03%           | 0.004%        |
| 29        | 9.604       | 1259          | 1263        | 1268         | rVB2     | 345            | 623           | 0.04%           | 0.006%        |
| 30        | 9.671       | 1268          | 1274        | 1279         | rBV4     | 865            | 1875          | 0.11%           | 0.017%        |
| 31        | 9.756       | 1284          | 1288        | 1294         | rBV4     | 1906           | 3591          | 0.22%           | 0.032%        |
| 32        | 9.896       | 1305          | 1311        | 1317         | rBV3     | 5074           | 10639         | 0.65%           | 0.095%        |
| 33        | 10.036      | 1324          | 1334        | 1347         | rBV      | 176123         | 318633        | 19.33%          | 2.855%        |
| 34        | 10.128      | 1347          | 1349        | 1350         | rBV2     | 478            | 352           | 0.02%           | 0.003%        |

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 Max Peaks: 100  
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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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 10.213 | 1358 | 1363 | 1366 | rBV2 | 2563   | 4511    | 0.27%  | 0.040%  |
| 36 | 10.250 | 1366 | 1369 | 1374 | rVB3 | 2656   | 4027    | 0.24%  | 0.036%  |
| 37 | 10.329 | 1374 | 1382 | 1389 | rBV  | 694514 | 1228267 | 74.52% | 11.004% |
| 38 | 10.396 | 1389 | 1393 | 1397 | rVB2 | 3191   | 5724    | 0.35%  | 0.051%  |
| 39 | 10.482 | 1403 | 1407 | 1408 | rBV2 | 305    | 418     | 0.03%  | 0.004%  |
| 40 | 10.518 | 1411 | 1413 | 1415 | rVB2 | 673    | 527     | 0.03%  | 0.005%  |
| 41 | 10.579 | 1415 | 1423 | 1437 | rBV  | 111792 | 195982  | 11.89% | 1.756%  |
| 42 | 10.707 | 1437 | 1444 | 1451 | rBV  | 27393  | 47307   | 2.87%  | 0.424%  |
| 43 | 10.780 | 1451 | 1456 | 1461 | rVB5 | 1377   | 2550    | 0.15%  | 0.023%  |
| 44 | 10.847 | 1463 | 1467 | 1473 | rVB5 | 1117   | 1930    | 0.12%  | 0.017%  |
| 45 | 10.927 | 1473 | 1480 | 1493 | rBV  | 165970 | 286995  | 17.41% | 2.571%  |
| 46 | 11.067 | 1498 | 1503 | 1511 | rVB  | 14766  | 25439   | 1.54%  | 0.228%  |
| 47 | 11.177 | 1516 | 1521 | 1527 | rVB4 | 2048   | 3761    | 0.23%  | 0.034%  |
| 48 | 11.286 | 1536 | 1539 | 1541 | rBV  | 278    | 339     | 0.02%  | 0.003%  |
| 49 | 11.341 | 1543 | 1548 | 1551 | rBV3 | 396    | 503     | 0.03%  | 0.005%  |
| 50 | 11.439 | 1555 | 1564 | 1572 | rBV2 | 16871  | 28467   | 1.73%  | 0.255%  |
| 51 | 11.548 | 1576 | 1582 | 1586 | rBV5 | 499    | 1202    | 0.07%  | 0.011%  |
| 52 | 11.634 | 1587 | 1596 | 1604 | rBV  | 707598 | 1188706 | 72.12% | 10.650% |
| 53 | 11.835 | 1625 | 1629 | 1634 | rVV3 | 1918   | 3843    | 0.23%  | 0.034%  |
| 54 | 11.878 | 1634 | 1636 | 1641 | rVB4 | 1205   | 1508    | 0.09%  | 0.014%  |
| 55 | 12.182 | 1680 | 1686 | 1688 | rBV3 | 727    | 1234    | 0.07%  | 0.011%  |
| 56 | 12.201 | 1688 | 1689 | 1695 | rVB2 | 487    | 433     | 0.03%  | 0.004%  |
| 57 | 12.335 | 1709 | 1711 | 1715 | rBV2 | 362    | 530     | 0.03%  | 0.005%  |
| 58 | 12.469 | 1730 | 1733 | 1737 | rBV3 | 579    | 746     | 0.05%  | 0.007%  |
| 59 | 12.609 | 1749 | 1756 | 1762 | rBV2 | 22706  | 38860   | 2.36%  | 0.348%  |
| 60 | 12.695 | 1763 | 1770 | 1778 | rBV  | 241514 | 398017  | 24.15% | 3.566%  |
| 61 | 12.755 | 1778 | 1780 | 1787 | rVB2 | 1326   | 2178    | 0.13%  | 0.020%  |
| 62 | 12.865 | 1791 | 1798 | 1801 | rBV4 | 478    | 1028    | 0.06%  | 0.009%  |
| 63 | 12.932 | 1805 | 1809 | 1812 | rBV2 | 10833  | 17358   | 1.05%  | 0.156%  |
| 64 | 12.969 | 1812 | 1815 | 1823 | rVB  | 12794  | 19298   | 1.17%  | 0.173%  |
| 65 | 13.042 | 1823 | 1827 | 1831 | rVB5 | 927    | 1174    | 0.07%  | 0.011%  |
| 66 | 13.085 | 1831 | 1834 | 1837 | rVB  | 1231   | 1347    | 0.08%  | 0.012%  |
| 67 | 13.194 | 1843 | 1852 | 1859 | rBV3 | 4251   | 9228    | 0.56%  | 0.083%  |
| 68 | 13.249 | 1859 | 1861 | 1865 | rVB3 | 578    | 638     | 0.04%  | 0.006%  |
| 69 | 13.298 | 1865 | 1869 | 1876 | rVB2 | 7768   | 11679   | 0.71%  | 0.105%  |
| 70 | 13.408 | 1876 | 1887 | 1892 | rBV  | 7736   | 16639   | 1.01%  | 0.149%  |
| 71 | 13.475 | 1892 | 1898 | 1901 | rBV6 | 1629   | 3260    | 0.20%  | 0.029%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
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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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.560 | 1905 | 1912 | 1918 | rBV  | 581166 | 936915 | 56.85% | 8.394% |
| 73  | 13.768 | 1940 | 1946 | 1949 | rBV5 | 4446   | 9020   | 0.55%  | 0.081% |
| 74  | 13.853 | 1953 | 1960 | 1968 | rBV  | 494981 | 821041 | 49.82% | 7.356% |
| 75  | 14.072 | 1991 | 1996 | 2007 | rVB2 | 11331  | 20502  | 1.24%  | 0.184% |
| 76  | 14.200 | 2014 | 2017 | 2022 | rVB3 | 1088   | 1711   | 0.10%  | 0.015% |
| 77  | 14.328 | 2035 | 2038 | 2041 | rBV2 | 1113   | 1063   | 0.06%  | 0.010% |
| 78  | 14.359 | 2041 | 2043 | 2047 | rVB5 | 1360   | 2032   | 0.12%  | 0.018% |
| 79  | 14.402 | 2047 | 2050 | 2052 | rVB3 | 584    | 572    | 0.03%  | 0.005% |
| 80  | 14.432 | 2052 | 2055 | 2058 | rBV4 | 306    | 488    | 0.03%  | 0.004% |
| 81  | 14.505 | 2062 | 2067 | 2068 | rBV4 | 757    | 1023   | 0.06%  | 0.009% |
| 82  | 14.627 | 2083 | 2087 | 2089 | rVV3 | 449    | 712    | 0.04%  | 0.006% |
| 83  | 14.658 | 2089 | 2092 | 2096 | rVV4 | 945    | 1110   | 0.07%  | 0.010% |
| 84  | 14.725 | 2096 | 2103 | 2108 | rVV2 | 5016   | 7220   | 0.44%  | 0.065% |
| 85  | 14.792 | 2111 | 2114 | 2119 | rBV5 | 783    | 1579   | 0.10%  | 0.014% |
| 86  | 14.908 | 2132 | 2133 | 2138 | rBV3 | 387    | 405    | 0.02%  | 0.004% |
| 87  | 15.036 | 2151 | 2154 | 2156 | rBV3 | 481    | 590    | 0.04%  | 0.005% |
| 88  | 15.103 | 2163 | 2165 | 2167 | rBV  | 454    | 489    | 0.03%  | 0.004% |
| 89  | 15.432 | 2216 | 2219 | 2224 | rVV3 | 2576   | 3618   | 0.22%  | 0.032% |
| 90  | 15.493 | 2227 | 2229 | 2233 | rBV3 | 526    | 649    | 0.04%  | 0.006% |
| 91  | 15.657 | 2254 | 2256 | 2257 | rBV  | 414    | 339    | 0.02%  | 0.003% |
| 92  | 15.694 | 2258 | 2262 | 2263 | rVV4 | 873    | 948    | 0.06%  | 0.008% |
| 93  | 15.779 | 2272 | 2276 | 2277 | rBV3 | 499    | 760    | 0.05%  | 0.007% |
| 94  | 15.828 | 2282 | 2284 | 2285 | rBV2 | 436    | 335    | 0.02%  | 0.003% |
| 95  | 15.950 | 2302 | 2304 | 2308 | rBV5 | 739    | 630    | 0.04%  | 0.006% |
| 96  | 16.078 | 2323 | 2325 | 2328 | rBV3 | 441    | 516    | 0.03%  | 0.005% |
| 97  | 16.115 | 2328 | 2331 | 2333 | rVV2 | 367    | 429    | 0.03%  | 0.004% |
| 98  | 16.590 | 2408 | 2409 | 2413 | rBV3 | 587    | 666    | 0.04%  | 0.006% |
| 99  | 16.627 | 2413 | 2415 | 2418 | rBV3 | 433    | 604    | 0.04%  | 0.005% |
| 100 | 16.736 | 2431 | 2433 | 2436 | rBV3 | 553    | 509    | 0.03%  | 0.005% |

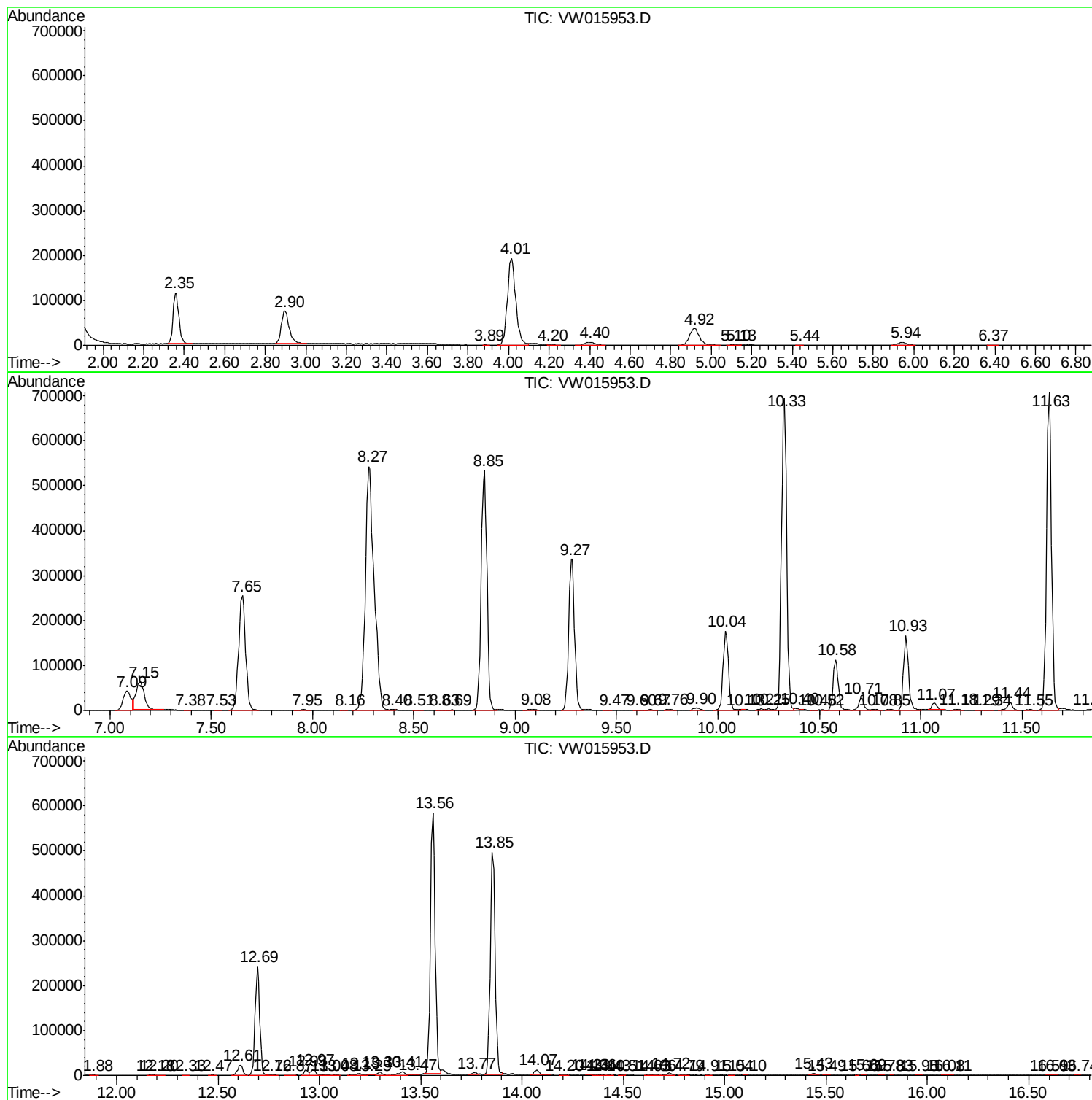
Sum of corrected areas: 11161975

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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\VW072420\  
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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          |

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