

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\  
 Data File : VW004923.D  
 Acq On : 24 Aug 2018 03:39  
 Operator : SY/AP  
 Sample : J4628-17  
 Misc : 9.32G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB3G2

## 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\SOM2WLM082218S.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         | 1.746       | 19            | 26          | 28           | rBV      | 42871          | 77341         | 1.16%           | 0.443%        |
| 2         | 1.794       | 28            | 34          | 57           | rVB      | 4045298        | 6666223       | 100.00%         | 38.146%       |
| 3         | 2.349       | 119           | 125         | 134          | rVB      | 209799         | 330528        | 4.96%           | 1.891%        |
| 4         | 2.886       | 207           | 213         | 222          | rVB      | 147859         | 286559        | 4.30%           | 1.640%        |
| 5         | 3.166       | 256           | 259         | 262          | rVB4     | 1145           | 1384          | 0.02%           | 0.008%        |
| 6         | 3.276       | 272           | 277         | 282          | rVB4     | 2684           | 5303          | 0.08%           | 0.030%        |
| 7         | 3.312       | 282           | 283         | 287          | rVB3     | 1084           | 1194          | 0.02%           | 0.007%        |
| 8         | 3.386       | 291           | 295         | 296          | rBV3     | 712            | 894           | 0.01%           | 0.005%        |
| 9         | 3.404       | 296           | 298         | 303          | rVB4     | 1619           | 2171          | 0.03%           | 0.012%        |
| 10        | 3.690       | 342           | 345         | 348          | rBV5     | 795            | 1103          | 0.02%           | 0.006%        |
| 11        | 3.782       | 359           | 360         | 364          | rVB2     | 611            | 526           | 0.01%           | 0.003%        |
| 12        | 3.837       | 366           | 369         | 370          | rBV3     | 849            | 936           | 0.01%           | 0.005%        |
| 13        | 3.867       | 370           | 374         | 379          | rVB6     | 2147           | 4153          | 0.06%           | 0.024%        |
| 14        | 4.020       | 388           | 399         | 412          | rBV      | 194310         | 520462        | 7.81%           | 2.978%        |
| 15        | 4.148       | 412           | 420         | 430          | rVB3     | 5106           | 16335         | 0.25%           | 0.093%        |
| 16        | 4.324       | 445           | 449         | 451          | rVB3     | 448            | 622           | 0.01%           | 0.004%        |
| 17        | 4.410       | 460           | 463         | 465          | rBV3     | 621            | 673           | 0.01%           | 0.004%        |
| 18        | 4.434       | 465           | 467         | 471          | rBV3     | 460            | 627           | 0.01%           | 0.004%        |
| 19        | 4.471       | 471           | 473         | 476          | rVB3     | 758            | 771           | 0.01%           | 0.004%        |
| 20        | 4.587       | 487           | 492         | 493          | rBV2     | 466            | 524           | 0.01%           | 0.003%        |
| 21        | 4.623       | 493           | 498         | 505          | rBV4     | 1739           | 4453          | 0.07%           | 0.025%        |
| 22        | 4.922       | 536           | 547         | 559          | rBV3     | 13694          | 44424         | 0.67%           | 0.254%        |
| 23        | 5.428       | 627           | 630         | 633          | rVV2     | 565            | 665           | 0.01%           | 0.004%        |
| 24        | 5.940       | 711           | 714         | 724          | rVB5     | 2201           | 5048          | 0.08%           | 0.029%        |
| 25        | 6.159       | 746           | 750         | 752          | rVB4     | 524            | 631           | 0.01%           | 0.004%        |
| 26        | 6.330       | 776           | 778         | 781          | rVB3     | 441            | 514           | 0.01%           | 0.003%        |
| 27        | 6.483       | 798           | 803         | 807          | rBV3     | 420            | 578           | 0.01%           | 0.003%        |
| 28        | 6.714       | 837           | 841         | 845          | rBV3     | 416            | 581           | 0.01%           | 0.003%        |
| 29        | 6.830       | 858           | 860         | 862          | rVB2     | 596            | 514           | 0.01%           | 0.003%        |
| 30        | 6.867       | 862           | 866         | 868          | rBV3     | 606            | 900           | 0.01%           | 0.005%        |
| 31        | 7.086       | 893           | 902         | 917          | rBV      | 43136          | 133574        | 2.00%           | 0.764%        |
| 32        | 7.348       | 942           | 945         | 948          | rBV4     | 384            | 518           | 0.01%           | 0.003%        |
| 33        | 7.379       | 948           | 950         | 953          | rVB3     | 523            | 645           | 0.01%           | 0.004%        |
| 34        | 7.434       | 953           | 959         | 961          | rBV2     | 814            | 1343          | 0.02%           | 0.008%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082218S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 7.537  | 971  | 976  | 977  | rBV3 | 529    | 688     | 0.01%  | 0.004% |
| 36 | 7.556  | 977  | 979  | 984  | rVV4 | 785    | 1266    | 0.02%  | 0.007% |
| 37 | 7.653  | 984  | 995  | 1008 | rVV  | 234500 | 571945  | 8.58%  | 3.273% |
| 38 | 7.757  | 1011 | 1012 | 1014 | rVB2 | 848    | 525     | 0.01%  | 0.003% |
| 39 | 7.793  | 1014 | 1018 | 1020 | rBV4 | 774    | 1120    | 0.02%  | 0.006% |
| 40 | 7.988  | 1046 | 1050 | 1052 | rBV3 | 579    | 688     | 0.01%  | 0.004% |
| 41 | 8.153  | 1075 | 1077 | 1080 | rVB  | 921    | 714     | 0.01%  | 0.004% |
| 42 | 8.287  | 1088 | 1099 | 1117 | rBV2 | 461287 | 1396215 | 20.94% | 7.989% |
| 43 | 8.409  | 1117 | 1119 | 1123 | rVB4 | 1464   | 1860    | 0.03%  | 0.011% |
| 44 | 8.629  | 1151 | 1155 | 1160 | rVB4 | 587    | 935     | 0.01%  | 0.005% |
| 45 | 8.714  | 1167 | 1169 | 1172 | rVB4 | 515    | 504     | 0.01%  | 0.003% |
| 46 | 8.848  | 1183 | 1191 | 1204 | rBV  | 423658 | 864448  | 12.97% | 4.947% |
| 47 | 9.086  | 1225 | 1230 | 1234 | rBV5 | 1961   | 3795    | 0.06%  | 0.022% |
| 48 | 9.281  | 1252 | 1262 | 1274 | rBV  | 328394 | 658665  | 9.88%  | 3.769% |
| 49 | 9.482  | 1292 | 1295 | 1299 | rVB4 | 572    | 788     | 0.01%  | 0.005% |
| 50 | 9.665  | 1321 | 1325 | 1329 | rVV3 | 684    | 744     | 0.01%  | 0.004% |
| 51 | 9.909  | 1362 | 1365 | 1366 | rVB2 | 546    | 525     | 0.01%  | 0.003% |
| 52 | 9.958  | 1366 | 1373 | 1376 | rBV4 | 520    | 1044    | 0.02%  | 0.006% |
| 53 | 10.043 | 1378 | 1387 | 1396 | rBV  | 140502 | 263545  | 3.95%  | 1.508% |
| 54 | 10.329 | 1426 | 1434 | 1440 | rBV  | 689423 | 1221995 | 18.33% | 6.993% |
| 55 | 10.390 | 1440 | 1444 | 1457 | rVV  | 274600 | 502399  | 7.54%  | 2.875% |
| 56 | 10.579 | 1469 | 1475 | 1487 | rVB  | 102251 | 186427  | 2.80%  | 1.067% |
| 57 | 10.732 | 1491 | 1500 | 1501 | rBV2 | 41235  | 87907   | 1.32%  | 0.503% |
| 58 | 10.872 | 1519 | 1523 | 1525 | rBV4 | 1193   | 1391    | 0.02%  | 0.008% |
| 59 | 10.933 | 1526 | 1533 | 1546 | rBV  | 192410 | 350717  | 5.26%  | 2.007% |
| 60 | 11.189 | 1572 | 1575 | 1578 | rVB4 | 1215   | 1620    | 0.02%  | 0.009% |
| 61 | 11.226 | 1578 | 1581 | 1582 | rBV3 | 706    | 864     | 0.01%  | 0.005% |
| 62 | 11.281 | 1587 | 1590 | 1596 | rBV2 | 681    | 1065    | 0.02%  | 0.006% |
| 63 | 11.482 | 1620 | 1623 | 1626 | rBV4 | 703    | 1030    | 0.02%  | 0.006% |
| 64 | 11.567 | 1635 | 1637 | 1641 | rVB3 | 862    | 916     | 0.01%  | 0.005% |
| 65 | 11.634 | 1641 | 1648 | 1660 | rBV  | 600902 | 1050972 | 15.77% | 6.014% |
| 66 | 11.738 | 1660 | 1665 | 1672 | rVB5 | 3775   | 7573    | 0.11%  | 0.043% |
| 67 | 11.841 | 1680 | 1682 | 1687 | rVB3 | 1084   | 1665    | 0.02%  | 0.010% |
| 68 | 12.110 | 1724 | 1726 | 1729 | rVB3 | 597    | 590     | 0.01%  | 0.003% |
| 69 | 12.177 | 1735 | 1737 | 1744 | rVB4 | 610    | 736     | 0.01%  | 0.004% |
| 70 | 12.372 | 1767 | 1769 | 1772 | rBV3 | 573    | 899     | 0.01%  | 0.005% |
| 71 | 12.530 | 1789 | 1795 | 1798 | rBV6 | 2242   | 3790    | 0.06%  | 0.022% |

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 Sampling : 1  
 Start Thrs: 0.2  
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Filtering: 5  
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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\SOM2WLM082218S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 12.622 | 1804 | 1810 | 1816 | rVB2 | 16654  | 29226  | 0.44%  | 0.167% |
| 73  | 12.701 | 1816 | 1823 | 1830 | rBV  | 308840 | 515628 | 7.73%  | 2.951% |
| 74  | 12.762 | 1830 | 1833 | 1842 | rVB3 | 3771   | 7015   | 0.11%  | 0.040% |
| 75  | 12.847 | 1842 | 1847 | 1852 | rVB4 | 1629   | 2643   | 0.04%  | 0.015% |
| 76  | 12.933 | 1856 | 1861 | 1862 | rBV3 | 1268   | 1525   | 0.02%  | 0.009% |
| 77  | 13.189 | 1900 | 1903 | 1905 | rBV4 | 470    | 713    | 0.01%  | 0.004% |
| 78  | 13.298 | 1920 | 1921 | 1924 | rVB2 | 925    | 844    | 0.01%  | 0.005% |
| 79  | 13.396 | 1932 | 1937 | 1938 | rBV3 | 710    | 849    | 0.01%  | 0.005% |
| 80  | 13.414 | 1938 | 1940 | 1944 | rVB2 | 1261   | 1342   | 0.02%  | 0.008% |
| 81  | 13.487 | 1949 | 1952 | 1954 | rBV3 | 815    | 739    | 0.01%  | 0.004% |
| 82  | 13.567 | 1958 | 1965 | 1972 | rBV  | 453905 | 735750 | 11.04% | 4.210% |
| 83  | 13.658 | 1978 | 1980 | 1983 | rVB2 | 1681   | 1282   | 0.02%  | 0.007% |
| 84  | 13.750 | 1989 | 1995 | 1996 | rBV  | 1138   | 1867   | 0.03%  | 0.011% |
| 85  | 13.859 | 2006 | 2013 | 2024 | rBV  | 502715 | 830671 | 12.46% | 4.753% |
| 86  | 14.085 | 2042 | 2050 | 2056 | rVB2 | 7305   | 13888  | 0.21%  | 0.079% |
| 87  | 14.164 | 2059 | 2063 | 2065 | rVB4 | 613    | 627    | 0.01%  | 0.004% |
| 88  | 14.219 | 2070 | 2072 | 2073 | rVV2 | 908    | 715    | 0.01%  | 0.004% |
| 89  | 14.310 | 2085 | 2087 | 2089 | rBV3 | 611    | 535    | 0.01%  | 0.003% |
| 90  | 14.408 | 2097 | 2103 | 2106 | rBV6 | 752    | 1262   | 0.02%  | 0.007% |
| 91  | 14.457 | 2109 | 2111 | 2114 | rBV4 | 691    | 979    | 0.01%  | 0.006% |
| 92  | 14.597 | 2131 | 2134 | 2135 | rBV3 | 864    | 824    | 0.01%  | 0.005% |
| 93  | 14.859 | 2172 | 2177 | 2178 | rBV4 | 3970   | 4922   | 0.07%  | 0.028% |
| 94  | 14.957 | 2191 | 2193 | 2194 | rBV  | 853    | 572    | 0.01%  | 0.003% |
| 95  | 15.103 | 2215 | 2217 | 2218 | rBV2 | 811    | 531    | 0.01%  | 0.003% |
| 96  | 15.158 | 2224 | 2226 | 2227 | rBV2 | 1241   | 1002   | 0.02%  | 0.006% |
| 97  | 15.316 | 2250 | 2252 | 2254 | rBV3 | 1129   | 1328   | 0.02%  | 0.008% |
| 98  | 15.518 | 2279 | 2285 | 2291 | rVB3 | 5861   | 11204  | 0.17%  | 0.064% |
| 99  | 15.670 | 2309 | 2310 | 2313 | rVB3 | 1337   | 897    | 0.01%  | 0.005% |
| 100 | 15.792 | 2328 | 2330 | 2332 | rBV3 | 1131   | 995    | 0.01%  | 0.006% |

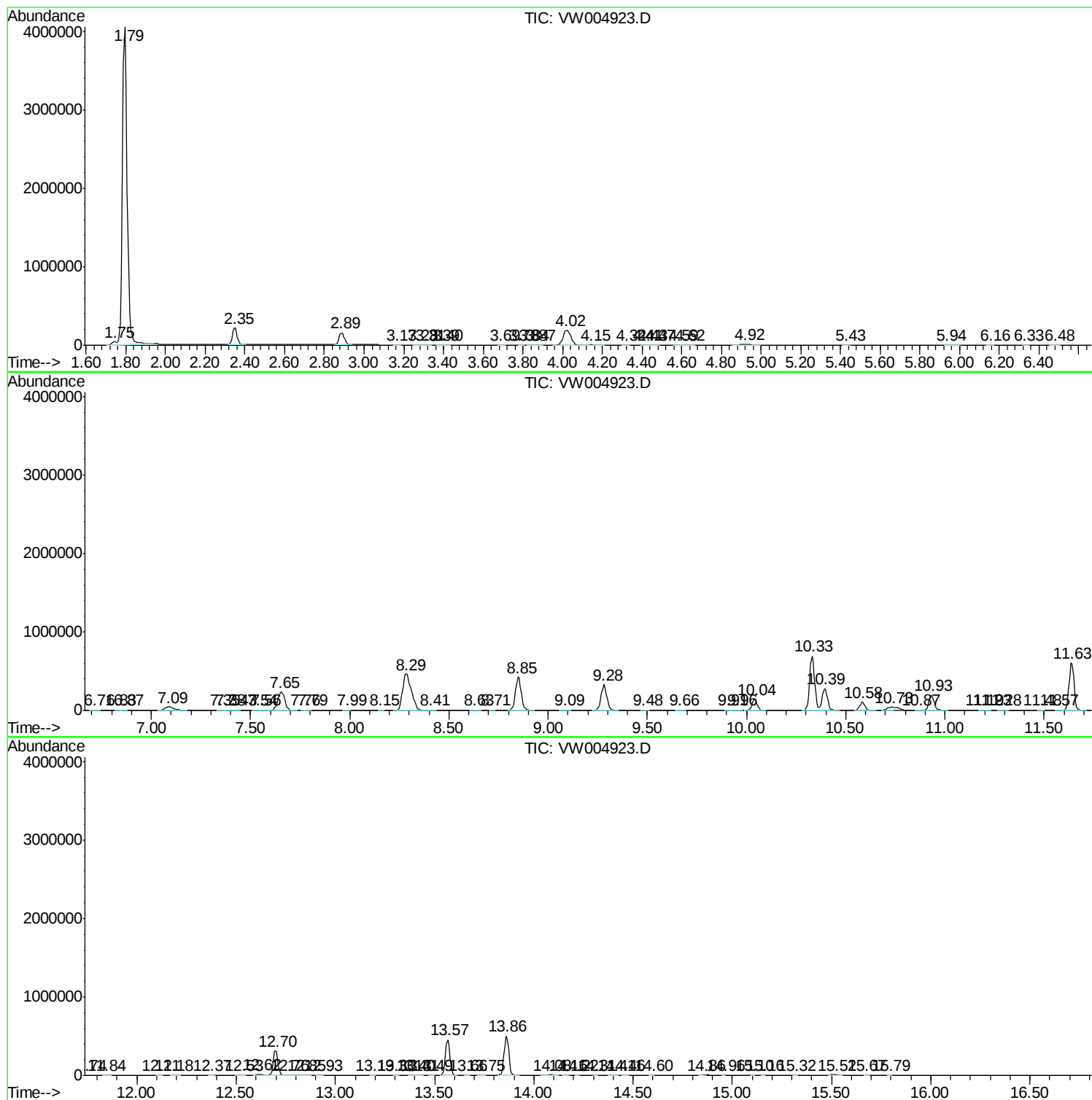
Sum of corrected areas: 17475662

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082218S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW082318\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |