

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\  
 Data File : VW016547.D  
 Acq On : 11 Sep 2020 14:01  
 Operator : SY/VA  
 Sample : L3950-19  
 Misc : 5.78G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFWZ9

## 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\SOM2WLM090320S.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         | 2.367       | 70            | 76          | 85           | rBV      | 96973          | 192646        | 10.65%          | 1.483%        |
| 2         | 2.904       | 158           | 164         | 176          | rBV      | 77352          | 199042        | 11.01%          | 1.533%        |
| 3         | 3.343       | 234           | 236         | 239          | rVB3     | 1454           | 1109          | 0.06%           | 0.009%        |
| 4         | 3.367       | 239           | 240         | 242          | rBV2     | 707            | 511           | 0.03%           | 0.004%        |
| 5         | 3.824       | 313           | 315         | 317          | rBV2     | 747            | 613           | 0.03%           | 0.005%        |
| 6         | 4.025       | 338           | 348         | 367          | rBV      | 167522         | 504936        | 27.92%          | 3.888%        |
| 7         | 4.263       | 385           | 387         | 389          | rBV      | 971            | 734           | 0.04%           | 0.006%        |
| 8         | 4.342       | 399           | 400         | 402          | rBV2     | 712            | 415           | 0.02%           | 0.003%        |
| 9         | 4.367       | 402           | 404         | 406          | rBV3     | 746            | 759           | 0.04%           | 0.006%        |
| 10        | 4.672       | 451           | 454         | 456          | rBV4     | 751            | 1034          | 0.06%           | 0.008%        |
| 11        | 4.726       | 461           | 463         | 466          | rBV4     | 870            | 947           | 0.05%           | 0.007%        |
| 12        | 4.928       | 485           | 496         | 506          | rVV      | 17572          | 57147         | 3.16%           | 0.440%        |
| 13        | 5.184       | 537           | 538         | 540          | rVB3     | 716            | 408           | 0.02%           | 0.003%        |
| 14        | 5.214       | 540           | 543         | 547          | rBV4     | 971            | 1304          | 0.07%           | 0.010%        |
| 15        | 5.379       | 568           | 570         | 571          | rBV2     | 618            | 538           | 0.03%           | 0.004%        |
| 16        | 5.409       | 573           | 575         | 577          | rBV      | 358            | 438           | 0.02%           | 0.003%        |
| 17        | 5.568       | 599           | 601         | 603          | rVB2     | 908            | 790           | 0.04%           | 0.006%        |
| 18        | 5.592       | 603           | 605         | 607          | rBV2     | 483            | 561           | 0.03%           | 0.004%        |
| 19        | 5.745       | 628           | 630         | 632          | rBV3     | 588            | 456           | 0.03%           | 0.004%        |
| 20        | 5.891       | 653           | 654         | 656          | rBV      | 699            | 594           | 0.03%           | 0.005%        |
| 21        | 5.952       | 656           | 664         | 665          | rBV5     | 4085           | 8067          | 0.45%           | 0.062%        |
| 22        | 6.025       | 674           | 676         | 679          | rBV3     | 521            | 755           | 0.04%           | 0.006%        |
| 23        | 6.226       | 706           | 709         | 710          | rBV3     | 693            | 539           | 0.03%           | 0.004%        |
| 24        | 6.244       | 710           | 712         | 713          | rVB      | 745            | 441           | 0.02%           | 0.003%        |
| 25        | 6.269       | 713           | 716         | 718          | rBV2     | 798            | 883           | 0.05%           | 0.007%        |
| 26        | 6.293       | 718           | 720         | 725          | rVB3     | 813            | 1161          | 0.06%           | 0.009%        |
| 27        | 6.488       | 751           | 752         | 755          | rBV3     | 568            | 669           | 0.04%           | 0.005%        |
| 28        | 6.598       | 768           | 770         | 774          | rVB3     | 781            | 908           | 0.05%           | 0.007%        |
| 29        | 6.775       | 794           | 799         | 800          | rBV3     | 800            | 977           | 0.05%           | 0.008%        |
| 30        | 6.897       | 816           | 819         | 820          | rBV2     | 545            | 445           | 0.02%           | 0.003%        |
| 31        | 6.915       | 820           | 822         | 824          | rVB3     | 450            | 420           | 0.02%           | 0.003%        |
| 32        | 7.080       | 841           | 849         | 869          | rBV      | 37934          | 122632        | 6.78%           | 0.944%        |
| 33        | 7.336       | 889           | 891         | 893          | rVB3     | 933            | 730           | 0.04%           | 0.006%        |
| 34        | 7.366       | 893           | 896         | 897          | rBV2     | 678            | 383           | 0.02%           | 0.003%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 7.427  | 903  | 906  | 907  | rBV2 | 725     | 614     | 0.03%   | 0.005%  |
| 36 | 7.445  | 907  | 909  | 910  | rBV2 | 634     | 449     | 0.02%   | 0.003%  |
| 37 | 7.500  | 916  | 918  | 919  | rVB  | 694     | 445     | 0.02%   | 0.003%  |
| 38 | 7.525  | 919  | 922  | 923  | rBV  | 648     | 736     | 0.04%   | 0.006%  |
| 39 | 7.549  | 924  | 926  | 931  | rVV3 | 1133    | 1591    | 0.09%   | 0.012%  |
| 40 | 7.592  | 931  | 933  | 934  | rVV2 | 820     | 780     | 0.04%   | 0.006%  |
| 41 | 7.653  | 934  | 943  | 958  | rVV  | 292359  | 722133  | 39.93%  | 5.561%  |
| 42 | 7.793  | 964  | 966  | 968  | rBV3 | 577     | 576     | 0.03%   | 0.004%  |
| 43 | 7.897  | 980  | 983  | 984  | rBV2 | 923     | 785     | 0.04%   | 0.006%  |
| 44 | 7.970  | 987  | 995  | 1001 | rVV9 | 1936    | 5802    | 0.32%   | 0.045%  |
| 45 | 8.165  | 1025 | 1027 | 1029 | rBV3 | 535     | 420     | 0.02%   | 0.003%  |
| 46 | 8.281  | 1036 | 1046 | 1064 | rBV3 | 516533  | 1528860 | 84.55%  | 11.773% |
| 47 | 8.610  | 1098 | 1100 | 1101 | rBV2 | 556     | 594     | 0.03%   | 0.005%  |
| 48 | 8.848  | 1130 | 1139 | 1149 | rBV  | 778011  | 1543765 | 85.37%  | 11.887% |
| 49 | 9.031  | 1166 | 1169 | 1170 | rBV2 | 465     | 583     | 0.03%   | 0.004%  |
| 50 | 9.177  | 1191 | 1193 | 1195 | rVB  | 811     | 500     | 0.03%   | 0.004%  |
| 51 | 9.281  | 1201 | 1210 | 1219 | rBV  | 364890  | 732690  | 40.52%  | 5.642%  |
| 52 | 9.811  | 1294 | 1297 | 1298 | rBV2 | 628     | 605     | 0.03%   | 0.005%  |
| 53 | 9.884  | 1308 | 1309 | 1312 | rVV2 | 769     | 695     | 0.04%   | 0.005%  |
| 54 | 9.939  | 1316 | 1318 | 1320 | rBV3 | 500     | 495     | 0.03%   | 0.004%  |
| 55 | 10.036 | 1327 | 1334 | 1347 | rBV  | 205786  | 377108  | 20.85%  | 2.904%  |
| 56 | 10.244 | 1366 | 1368 | 1370 | rBV2 | 569     | 558     | 0.03%   | 0.004%  |
| 57 | 10.329 | 1374 | 1382 | 1396 | rBV  | 716655  | 1290379 | 71.36%  | 9.936%  |
| 58 | 10.579 | 1414 | 1423 | 1431 | rBV  | 124287  | 222798  | 12.32%  | 1.716%  |
| 59 | 10.707 | 1440 | 1444 | 1449 | rVB3 | 3965    | 6551    | 0.36%   | 0.050%  |
| 60 | 10.866 | 1464 | 1470 | 1474 | rBV3 | 8084    | 14663   | 0.81%   | 0.113%  |
| 61 | 10.927 | 1474 | 1480 | 1491 | rVB  | 147391  | 247628  | 13.69%  | 1.907%  |
| 62 | 11.073 | 1503 | 1504 | 1509 | rVB4 | 1599    | 1700    | 0.09%   | 0.013%  |
| 63 | 11.231 | 1529 | 1530 | 1533 | rBV3 | 628     | 448     | 0.02%   | 0.003%  |
| 64 | 11.292 | 1536 | 1540 | 1541 | rBV3 | 430     | 503     | 0.03%   | 0.004%  |
| 65 | 11.353 | 1548 | 1550 | 1555 | rVB3 | 695     | 429     | 0.02%   | 0.003%  |
| 66 | 11.555 | 1581 | 1583 | 1584 | rBV  | 641     | 417     | 0.02%   | 0.003%  |
| 67 | 11.634 | 1588 | 1596 | 1611 | rBV  | 1098613 | 1808334 | 100.00% | 13.925% |
| 68 | 11.823 | 1623 | 1627 | 1628 | rBV4 | 985     | 1205    | 0.07%   | 0.009%  |
| 69 | 11.835 | 1628 | 1629 | 1632 | rVV2 | 1046    | 1202    | 0.07%   | 0.009%  |
| 70 | 12.036 | 1659 | 1662 | 1665 | rBV  | 550     | 886     | 0.05%   | 0.007%  |
| 71 | 12.067 | 1665 | 1667 | 1674 | rVV4 | 773     | 977     | 0.05%   | 0.008%  |

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 Start Thrs: 0.2  
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 Min Area: 0 % of largest Peak  
 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\SOM2WLM090320S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |         |
|-----|--------|------|------|------|------|---------|---------|--------|---------|
| 72  | 12.170 | 1681 | 1684 | 1690 | rVB8 | 1218    | 2350    | 0.13%  | 0.018%  |
| 73  | 12.323 | 1708 | 1709 | 1713 | rBV3 | 715     | 1071    | 0.06%  | 0.008%  |
| 74  | 12.463 | 1730 | 1732 | 1734 | rVB3 | 708     | 624     | 0.03%  | 0.005%  |
| 75  | 12.487 | 1734 | 1736 | 1738 | rBV2 | 804     | 647     | 0.04%  | 0.005%  |
| 76  | 12.518 | 1739 | 1741 | 1743 | rVV2 | 766     | 515     | 0.03%  | 0.004%  |
| 77  | 12.554 | 1745 | 1747 | 1748 | rBV2 | 850     | 627     | 0.03%  | 0.005%  |
| 78  | 12.579 | 1748 | 1751 | 1752 | rBV2 | 704     | 548     | 0.03%  | 0.004%  |
| 79  | 12.609 | 1752 | 1756 | 1761 | rVV5 | 3053    | 4818    | 0.27%  | 0.037%  |
| 80  | 12.695 | 1763 | 1770 | 1779 | rVB  | 259998  | 423735  | 23.43% | 3.263%  |
| 81  | 12.853 | 1794 | 1796 | 1798 | rVB2 | 680     | 489     | 0.03%  | 0.004%  |
| 82  | 12.896 | 1798 | 1803 | 1807 | rBV5 | 1897    | 3385    | 0.19%  | 0.026%  |
| 83  | 12.926 | 1807 | 1808 | 1811 | rVV3 | 2380    | 3020    | 0.17%  | 0.023%  |
| 84  | 12.969 | 1811 | 1815 | 1824 | rVB  | 7678    | 13095   | 0.72%  | 0.101%  |
| 85  | 13.091 | 1833 | 1835 | 1837 | rBV3 | 684     | 673     | 0.04%  | 0.005%  |
| 86  | 13.237 | 1856 | 1859 | 1862 | rBV4 | 929     | 1206    | 0.07%  | 0.009%  |
| 87  | 13.298 | 1867 | 1869 | 1873 | rBV5 | 869     | 1224    | 0.07%  | 0.009%  |
| 88  | 13.377 | 1880 | 1882 | 1884 | rBV2 | 1660    | 1373    | 0.08%  | 0.011%  |
| 89  | 13.469 | 1893 | 1897 | 1904 | rVB3 | 16913   | 24813   | 1.37%  | 0.191%  |
| 90  | 13.560 | 1905 | 1912 | 1921 | rVV  | 1066773 | 1668822 | 92.29% | 12.850% |
| 91  | 13.652 | 1924 | 1927 | 1933 | rVB2 | 9924    | 15242   | 0.84%  | 0.117%  |
| 92  | 13.853 | 1953 | 1960 | 1972 | rVB  | 704482  | 1171973 | 64.81% | 9.024%  |
| 93  | 14.072 | 1992 | 1996 | 2002 | rVB2 | 7168    | 11855   | 0.66%  | 0.091%  |
| 94  | 14.328 | 2035 | 2038 | 2042 | rBV5 | 2909    | 3898    | 0.22%  | 0.030%  |
| 95  | 14.670 | 2092 | 2094 | 2095 | rBV2 | 978     | 595     | 0.03%  | 0.005%  |
| 96  | 14.761 | 2107 | 2109 | 2111 | rVB2 | 906     | 672     | 0.04%  | 0.005%  |
| 97  | 14.816 | 2116 | 2118 | 2120 | rBV2 | 1065    | 1118    | 0.06%  | 0.009%  |
| 98  | 15.042 | 2152 | 2155 | 2160 | rBV6 | 1319    | 2436    | 0.13%  | 0.019%  |
| 99  | 15.755 | 2270 | 2272 | 2273 | rBV2 | 1578    | 1188    | 0.07%  | 0.009%  |
| 100 | 16.736 | 2429 | 2433 | 2434 | rBV3 | 1360    | 1670    | 0.09%  | 0.013%  |

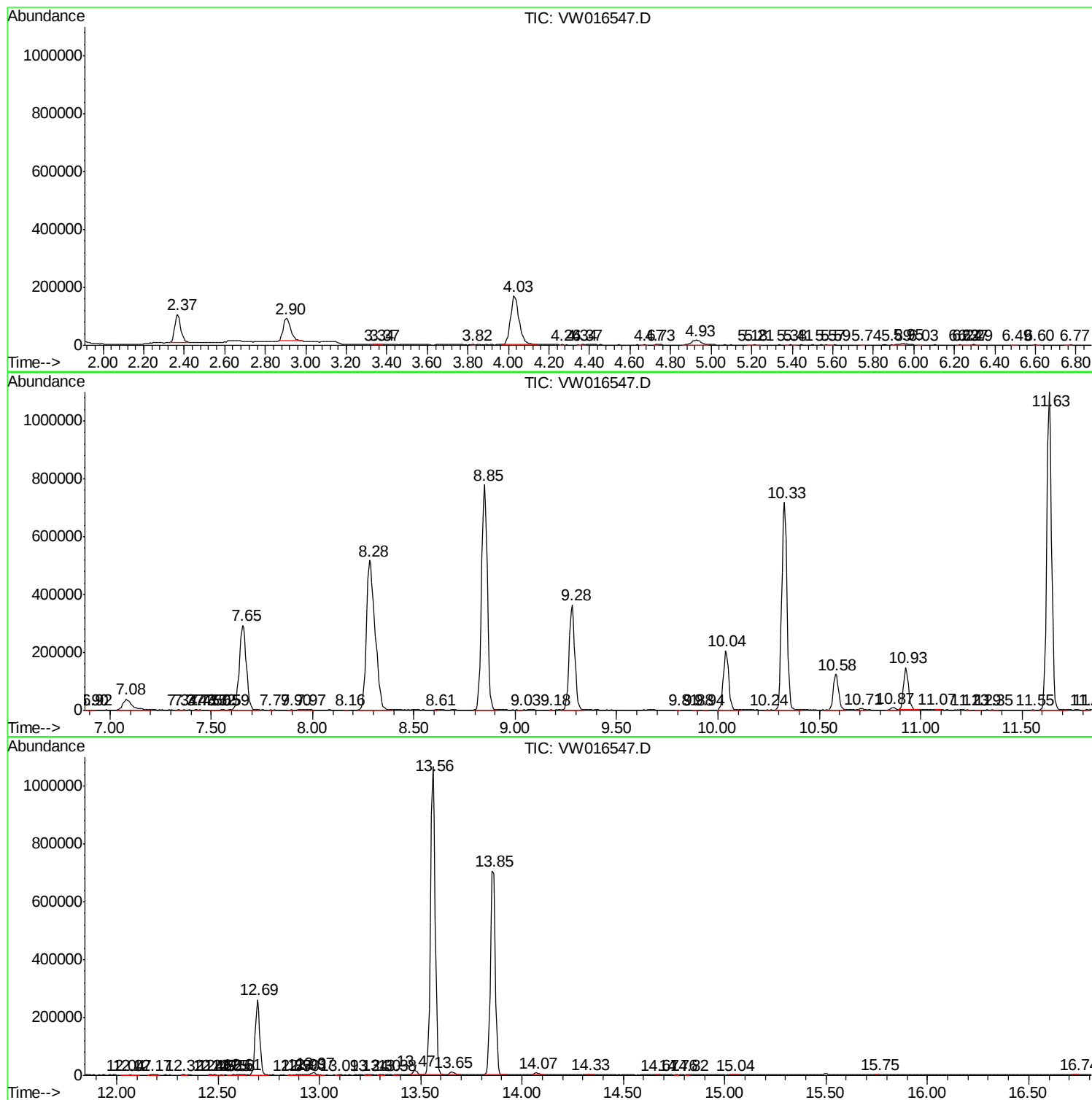
Sum of corrected areas: 12986578

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW091120\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
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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          |