

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW110619\  
 Data File : VW013921.D  
 Acq On : 06 Nov 2019 12:56  
 Operator : SY/VA  
 Sample : K5698-03  
 Misc : 6.10G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0AC4

## 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\SOM2WLM110119S.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         | 2.349       | 67            | 73          | 80           | rBV      | 31648          | 52502         | 16.82%          | 2.737%        |
| 2         | 2.885       | 155           | 161         | 171          | rVB      | 23967          | 48756         | 15.62%          | 2.542%        |
| 3         | 3.361       | 236           | 239         | 240          | rBV2     | 318            | 366           | 0.12%           | 0.019%        |
| 4         | 3.861       | 319           | 321         | 323          | rBV      | 256            | 193           | 0.06%           | 0.010%        |
| 5         | 4.013       | 334           | 346         | 358          | rBV2     | 50732          | 132557        | 42.47%          | 6.911%        |
| 6         | 4.135       | 362           | 366         | 367          | rBV2     | 382            | 350           | 0.11%           | 0.018%        |
| 7         | 4.312       | 393           | 395         | 398          | rBB2     | 201            | 184           | 0.06%           | 0.010%        |
| 8         | 4.354       | 398           | 402         | 405          | rBV2     | 292            | 246           | 0.08%           | 0.013%        |
| 9         | 4.397       | 407           | 409         | 412          | rVB2     | 274            | 262           | 0.08%           | 0.014%        |
| 10        | 4.452       | 414           | 418         | 419          | rBV2     | 157            | 192           | 0.06%           | 0.010%        |
| 11        | 4.495       | 423           | 425         | 427          | rVB      | 338            | 240           | 0.08%           | 0.013%        |
| 12        | 4.531       | 429           | 431         | 434          | rBV      | 243            | 267           | 0.09%           | 0.014%        |
| 13        | 4.623       | 444           | 446         | 449          | rVB2     | 441            | 404           | 0.13%           | 0.021%        |
| 14        | 4.653       | 449           | 451         | 452          | rBV      | 214            | 184           | 0.06%           | 0.010%        |
| 15        | 4.915       | 488           | 494         | 501          | rVV4     | 1239           | 3142          | 1.01%           | 0.164%        |
| 16        | 4.989       | 504           | 506         | 508          | rBV      | 206            | 223           | 0.07%           | 0.012%        |
| 17        | 5.031       | 511           | 513         | 516          | rVB2     | 353            | 399           | 0.13%           | 0.021%        |
| 18        | 5.238       | 545           | 547         | 554          | rBV2     | 316            | 530           | 0.17%           | 0.028%        |
| 19        | 5.446       | 579           | 581         | 585          | rBV      | 271            | 280           | 0.09%           | 0.015%        |
| 20        | 5.501       | 589           | 590         | 593          | rBV      | 212            | 192           | 0.06%           | 0.010%        |
| 21        | 5.629       | 608           | 611         | 612          | rBV      | 200            | 190           | 0.06%           | 0.010%        |
| 22        | 6.348       | 727           | 729         | 731          | rVB      | 360            | 202           | 0.06%           | 0.011%        |
| 23        | 6.488       | 749           | 752         | 755          | rBV      | 270            | 306           | 0.10%           | 0.016%        |
| 24        | 6.549       | 758           | 762         | 763          | rBV2     | 190            | 268           | 0.09%           | 0.014%        |
| 25        | 6.604       | 770           | 771         | 774          | rBV2     | 239            | 218           | 0.07%           | 0.011%        |
| 26        | 6.720       | 789           | 790         | 795          | rVB2     | 178            | 239           | 0.08%           | 0.012%        |
| 27        | 6.817       | 804           | 806         | 807          | rBV2     | 204            | 168           | 0.05%           | 0.009%        |
| 28        | 6.909       | 819           | 821         | 823          | rBV2     | 262            | 239           | 0.08%           | 0.012%        |
| 29        | 6.964       | 828           | 830         | 833          | rBV2     | 235            | 264           | 0.08%           | 0.014%        |
| 30        | 7.000       | 833           | 836         | 837          | rBV      | 201            | 262           | 0.08%           | 0.014%        |
| 31        | 7.092       | 842           | 851         | 852          | rBV2     | 3801           | 6940          | 2.22%           | 0.362%        |
| 32        | 7.244       | 874           | 876         | 877          | rBV      | 232            | 179           | 0.06%           | 0.009%        |
| 33        | 7.372       | 895           | 897         | 898          | rBV      | 206            | 178           | 0.06%           | 0.009%        |
| 34        | 7.573       | 928           | 930         | 931          | rVB      | 271            | 184           | 0.06%           | 0.010%        |

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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\SOM2WLM110119S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 7.647  | 931  | 942  | 951  | rBV2 | 52905  | 134416 | 43.06%  | 7.008%  |
| 36 | 7.750  | 957  | 959  | 961  | rBV2 | 222    | 194    | 0.06%   | 0.010%  |
| 37 | 7.951  | 990  | 992  | 994  | rBV2 | 234    | 178    | 0.06%   | 0.009%  |
| 38 | 8.104  | 1015 | 1017 | 1020 | rVB2 | 255    | 233    | 0.07%   | 0.012%  |
| 39 | 8.128  | 1020 | 1021 | 1024 | rBV2 | 236    | 182    | 0.06%   | 0.009%  |
| 40 | 8.274  | 1034 | 1045 | 1059 | rBV2 | 111696 | 312125 | 100.00% | 16.273% |
| 41 | 8.567  | 1092 | 1093 | 1095 | rBV  | 363    | 235    | 0.08%   | 0.012%  |
| 42 | 8.689  | 1111 | 1113 | 1118 | rVB2 | 332    | 284    | 0.09%   | 0.015%  |
| 43 | 8.841  | 1130 | 1138 | 1146 | rBV  | 79018  | 156091 | 50.01%  | 8.138%  |
| 44 | 8.902  | 1146 | 1148 | 1149 | rVV  | 569    | 342    | 0.11%   | 0.018%  |
| 45 | 8.927  | 1149 | 1152 | 1153 | rVB  | 357    | 286    | 0.09%   | 0.015%  |
| 46 | 9.012  | 1165 | 1166 | 1170 | rBV2 | 179    | 217    | 0.07%   | 0.011%  |
| 47 | 9.079  | 1174 | 1177 | 1178 | rBV2 | 366    | 291    | 0.09%   | 0.015%  |
| 48 | 9.177  | 1189 | 1193 | 1195 | rBV2 | 186    | 246    | 0.08%   | 0.013%  |
| 49 | 9.274  | 1202 | 1209 | 1218 | rVB2 | 67580  | 139008 | 44.54%  | 7.248%  |
| 50 | 9.597  | 1260 | 1262 | 1264 | rBV2 | 241    | 170    | 0.05%   | 0.009%  |
| 51 | 9.829  | 1298 | 1300 | 1302 | rBV2 | 230    | 198    | 0.06%   | 0.010%  |
| 52 | 10.036 | 1327 | 1334 | 1342 | rBV  | 31183  | 58272  | 18.67%  | 3.038%  |
| 53 | 10.091 | 1342 | 1343 | 1346 | rVB  | 520    | 303    | 0.10%   | 0.016%  |
| 54 | 10.256 | 1368 | 1370 | 1371 | rVB  | 411    | 245    | 0.08%   | 0.013%  |
| 55 | 10.323 | 1373 | 1381 | 1388 | rBV  | 155845 | 277039 | 88.76%  | 14.444% |
| 56 | 10.488 | 1407 | 1408 | 1410 | rBV  | 216    | 172    | 0.06%   | 0.009%  |
| 57 | 10.506 | 1410 | 1411 | 1413 | rBV  | 378    | 274    | 0.09%   | 0.014%  |
| 58 | 10.579 | 1416 | 1423 | 1430 | rBV2 | 18190  | 31300  | 10.03%  | 1.632%  |
| 59 | 10.701 | 1439 | 1443 | 1449 | rBV4 | 1389   | 2500   | 0.80%   | 0.130%  |
| 60 | 10.866 | 1469 | 1470 | 1473 | rBV2 | 206    | 205    | 0.07%   | 0.011%  |
| 61 | 10.926 | 1474 | 1480 | 1488 | rVV  | 14521  | 24849  | 7.96%   | 1.296%  |
| 62 | 11.067 | 1500 | 1503 | 1505 | rBV2 | 280    | 269    | 0.09%   | 0.014%  |
| 63 | 11.091 | 1505 | 1507 | 1511 | rVB2 | 279    | 321    | 0.10%   | 0.017%  |
| 64 | 11.225 | 1526 | 1529 | 1530 | rBV  | 221    | 191    | 0.06%   | 0.010%  |
| 65 | 11.359 | 1549 | 1551 | 1553 | rVB2 | 258    | 175    | 0.06%   | 0.009%  |
| 66 | 11.420 | 1558 | 1561 | 1563 | rBV2 | 244    | 241    | 0.08%   | 0.013%  |
| 67 | 11.518 | 1576 | 1577 | 1580 | rVB  | 229    | 176    | 0.06%   | 0.009%  |
| 68 | 11.628 | 1588 | 1595 | 1609 | rBV  | 105123 | 182432 | 58.45%  | 9.512%  |
| 69 | 11.768 | 1616 | 1618 | 1620 | rBV2 | 205    | 195    | 0.06%   | 0.010%  |
| 70 | 11.792 | 1620 | 1622 | 1626 | rVB2 | 263    | 211    | 0.07%   | 0.011%  |
| 71 | 11.823 | 1626 | 1627 | 1629 | rBV  | 309    | 223    | 0.07%   | 0.012%  |

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## Integration Parameters: LSCINT.P

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 Smoothing : OFF  
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 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\SOM2WLM110119S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 72  | 11.908 | 1640 | 1641 | 1644 | rBV2 | 330   | 350    | 0.11%  | 0.018% |
| 73  | 12.213 | 1690 | 1691 | 1695 | rVB2 | 183   | 183    | 0.06%  | 0.010% |
| 74  | 12.243 | 1695 | 1696 | 1699 | rVB  | 403   | 309    | 0.10%  | 0.016% |
| 75  | 12.274 | 1699 | 1701 | 1703 | rBV2 | 149   | 163    | 0.05%  | 0.008% |
| 76  | 12.323 | 1708 | 1709 | 1714 | rVV2 | 297   | 449    | 0.14%  | 0.023% |
| 77  | 12.365 | 1714 | 1716 | 1717 | rVB  | 310   | 184    | 0.06%  | 0.010% |
| 78  | 12.524 | 1740 | 1742 | 1745 | rVB2 | 279   | 196    | 0.06%  | 0.010% |
| 79  | 12.554 | 1745 | 1747 | 1749 | rVB2 | 300   | 166    | 0.05%  | 0.009% |
| 80  | 12.609 | 1751 | 1756 | 1760 | rBV3 | 908   | 1526   | 0.49%  | 0.080% |
| 81  | 12.694 | 1763 | 1770 | 1777 | rVV  | 34481 | 57573  | 18.45% | 3.002% |
| 82  | 12.762 | 1779 | 1781 | 1784 | rVB3 | 347   | 358    | 0.11%  | 0.019% |
| 83  | 12.932 | 1807 | 1809 | 1811 | rBV2 | 330   | 313    | 0.10%  | 0.016% |
| 84  | 12.981 | 1814 | 1817 | 1818 | rVV2 | 362   | 233    | 0.07%  | 0.012% |
| 85  | 13.018 | 1818 | 1823 | 1826 | rVB2 | 344   | 593    | 0.19%  | 0.031% |
| 86  | 13.261 | 1861 | 1863 | 1866 | rVV2 | 466   | 350    | 0.11%  | 0.018% |
| 87  | 13.292 | 1866 | 1868 | 1872 | rVB2 | 423   | 484    | 0.16%  | 0.025% |
| 88  | 13.322 | 1872 | 1873 | 1878 | rBV  | 365   | 484    | 0.16%  | 0.025% |
| 89  | 13.469 | 1896 | 1897 | 1898 | rBV  | 319   | 164    | 0.05%  | 0.009% |
| 90  | 13.493 | 1899 | 1901 | 1902 | rVB  | 431   | 245    | 0.08%  | 0.013% |
| 91  | 13.560 | 1905 | 1912 | 1920 | rBV  | 78665 | 133107 | 42.65% | 6.940% |
| 92  | 13.719 | 1936 | 1938 | 1942 | rVB2 | 245   | 200    | 0.06%  | 0.010% |
| 93  | 13.853 | 1953 | 1960 | 1967 | rBV  | 87893 | 142248 | 45.57% | 7.416% |
| 94  | 14.121 | 2001 | 2004 | 2005 | rBV2 | 287   | 288    | 0.09%  | 0.015% |
| 95  | 14.377 | 2043 | 2046 | 2048 | rBV2 | 503   | 497    | 0.16%  | 0.026% |
| 96  | 14.438 | 2055 | 2056 | 2058 | rVB2 | 532   | 323    | 0.10%  | 0.017% |
| 97  | 14.615 | 2084 | 2085 | 2086 | rBV  | 529   | 212    | 0.07%  | 0.011% |
| 98  | 14.737 | 2103 | 2105 | 2109 | rBV3 | 403   | 638    | 0.20%  | 0.033% |
| 99  | 15.249 | 2188 | 2189 | 2191 | rVB2 | 694   | 265    | 0.08%  | 0.014% |
| 100 | 16.304 | 2361 | 2362 | 2363 | rBV  | 655   | 317    | 0.10%  | 0.017% |

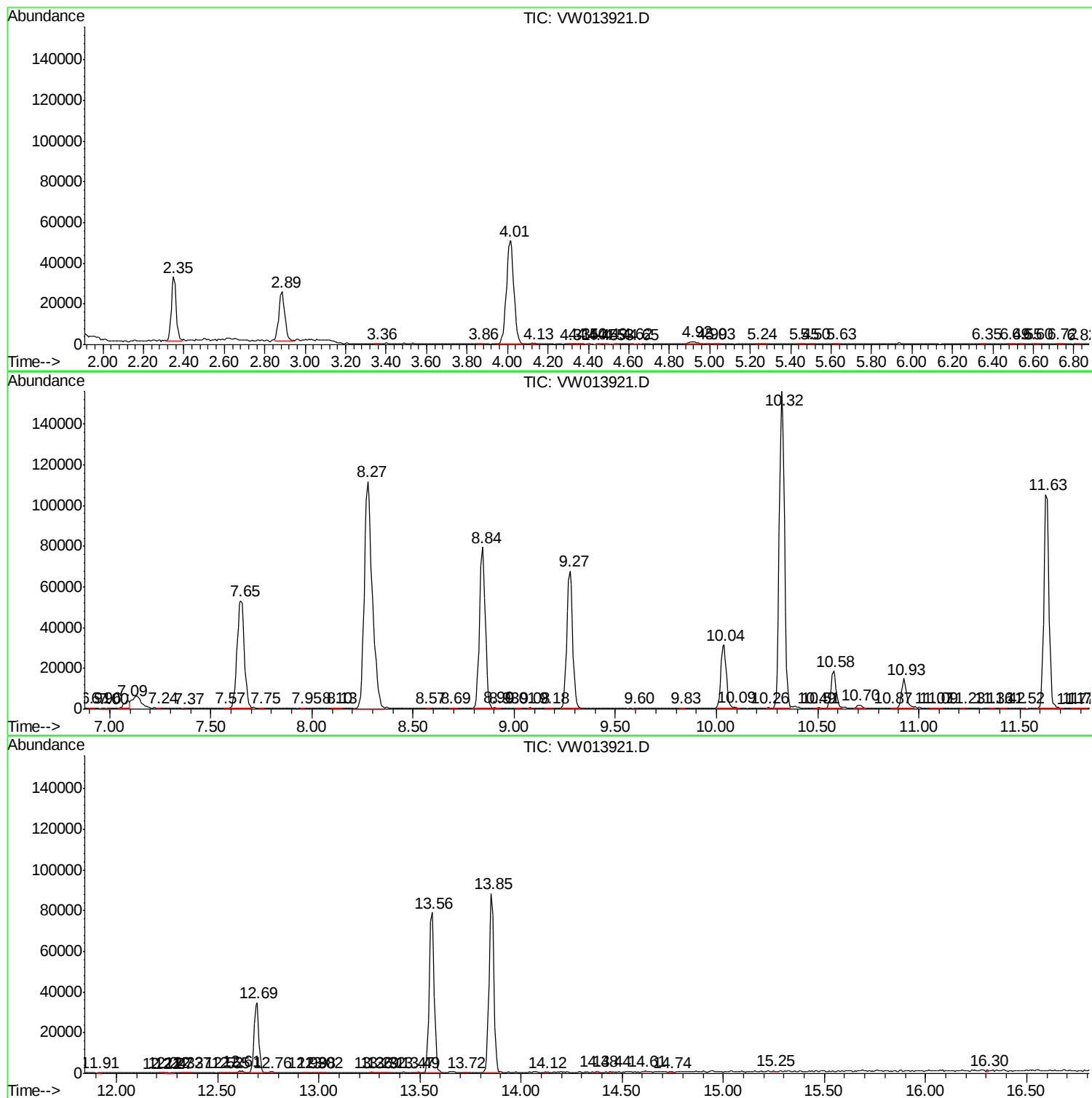
Sum of corrected areas: 1918013

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Misc : 6.10G/10ML/MSVOA\_W/SOIL  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110119S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW110619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110119S.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        |