

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\  
 Data File : VY003609.D  
 Acq On : 24 Nov 2020 16:40  
 Operator : SY/MD  
 Sample : L4860-04RE  
 Misc : 5.27G/10ML/MSVOA Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 C0B19RE

## 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<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         | 2.249       | 79            | 84          | 92           | rBV      | 28701          | 46486         | 15.07%          | 2.434%        |
| 2         | 2.768       | 163           | 169         | 180          | rVB      | 19523          | 43789         | 14.20%          | 2.293%        |
| 3         | 3.170       | 234           | 235         | 237          | rBV      | 541            | 253           | 0.08%           | 0.013%        |
| 4         | 3.188       | 237           | 238         | 240          | rBV      | 394            | 277           | 0.09%           | 0.015%        |
| 5         | 3.207       | 240           | 241         | 245          | rVB2     | 348            | 370           | 0.12%           | 0.019%        |
| 6         | 3.243       | 245           | 247         | 249          | rBV2     | 255            | 168           | 0.05%           | 0.009%        |
| 7         | 3.328       | 258           | 261         | 262          | rBV2     | 233            | 273           | 0.09%           | 0.014%        |
| 8         | 3.560       | 297           | 299         | 302          | rVB3     | 365            | 247           | 0.08%           | 0.013%        |
| 9         | 3.694       | 319           | 321         | 322          | rBV      | 282            | 208           | 0.07%           | 0.011%        |
| 10        | 3.859       | 339           | 348         | 360          | rBV      | 49150          | 124606        | 40.40%          | 6.524%        |
| 11        | 3.962       | 364           | 365         | 368          | rVV2     | 381            | 397           | 0.13%           | 0.021%        |
| 12        | 3.999       | 370           | 371         | 373          | rBV2     | 422            | 276           | 0.09%           | 0.014%        |
| 13        | 4.030       | 374           | 376         | 377          | rVB2     | 358            | 169           | 0.05%           | 0.009%        |
| 14        | 4.048       | 377           | 379         | 382          | rVB2     | 300            | 240           | 0.08%           | 0.013%        |
| 15        | 4.158       | 396           | 397         | 399          | rVB2     | 242            | 151           | 0.05%           | 0.008%        |
| 16        | 4.176       | 399           | 400         | 403          | rBV2     | 263            | 205           | 0.07%           | 0.011%        |
| 17        | 4.243       | 410           | 411         | 417          | rVV      | 413            | 355           | 0.12%           | 0.019%        |
| 18        | 4.292       | 417           | 419         | 421          | rVB2     | 207            | 173           | 0.06%           | 0.009%        |
| 19        | 4.389       | 433           | 435         | 436          | rBV      | 207            | 157           | 0.05%           | 0.008%        |
| 20        | 4.426       | 438           | 441         | 442          | rVV2     | 272            | 270           | 0.09%           | 0.014%        |
| 21        | 4.468       | 446           | 448         | 451          | rVB3     | 258            | 252           | 0.08%           | 0.013%        |
| 22        | 4.499       | 451           | 453         | 456          | rVB2     | 171            | 177           | 0.06%           | 0.009%        |
| 23        | 4.633       | 473           | 475         | 480          | rVB2     | 230            | 235           | 0.08%           | 0.012%        |
| 24        | 4.731       | 482           | 491         | 501          | rVB2     | 3720           | 10607         | 3.44%           | 0.555%        |
| 25        | 4.828       | 505           | 507         | 510          | rVB2     | 266            | 235           | 0.08%           | 0.012%        |
| 26        | 4.865       | 510           | 513         | 514          | rVB2     | 216            | 169           | 0.05%           | 0.009%        |
| 27        | 4.901       | 517           | 519         | 521          | rBV2     | 293            | 294           | 0.10%           | 0.015%        |
| 28        | 4.981       | 529           | 532         | 535          | rVB      | 348            | 317           | 0.10%           | 0.017%        |
| 29        | 5.121       | 554           | 555         | 558          | rBV2     | 366            | 340           | 0.11%           | 0.018%        |
| 30        | 5.188       | 565           | 566         | 568          | rBV2     | 221            | 138           | 0.04%           | 0.007%        |
| 31        | 5.249       | 574           | 576         | 579          | rVB3     | 272            | 248           | 0.08%           | 0.013%        |
| 32        | 5.340       | 588           | 591         | 593          | rBV3     | 141            | 184           | 0.06%           | 0.010%        |
| 33        | 5.426       | 601           | 605         | 607          | rBV2     | 212            | 325           | 0.11%           | 0.017%        |
| 34        | 5.676       | 641           | 646         | 649          | rBV3     | 355            | 716           | 0.23%           | 0.037%        |

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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\_Y\METHODS\SOM2YLM111920S.M  
 Title : VOC Analysis

|    |       |      |      |           |        |        |         |         |
|----|-------|------|------|-----------|--------|--------|---------|---------|
| 35 | 5.724 | 652  | 654  | 655 rBV2  | 232    | 168    | 0.05%   | 0.009%  |
| 36 | 5.743 | 655  | 657  | 658 rBV2  | 742    | 597    | 0.19%   | 0.031%  |
| 37 | 5.810 | 667  | 668  | 671 rVB   | 289    | 219    | 0.07%   | 0.011%  |
| 38 | 5.858 | 674  | 676  | 679 rVB2  | 334    | 439    | 0.14%   | 0.023%  |
| 39 | 6.096 | 713  | 715  | 716 rVB   | 303    | 187    | 0.06%   | 0.010%  |
| 40 | 6.115 | 716  | 718  | 719 rBV2  | 215    | 178    | 0.06%   | 0.009%  |
| 41 | 6.133 | 719  | 721  | 722 rBV   | 244    | 147    | 0.05%   | 0.008%  |
| 42 | 6.304 | 747  | 749  | 751 rVB   | 226    | 194    | 0.06%   | 0.010%  |
| 43 | 6.340 | 753  | 755  | 758 rVB3  | 226    | 218    | 0.07%   | 0.011%  |
| 44 | 6.901 | 838  | 847  | 854 rBV2  | 6651   | 19251  | 6.24%   | 1.008%  |
| 45 | 7.230 | 899  | 901  | 902 rBV   | 303    | 244    | 0.08%   | 0.013%  |
| 46 | 7.285 | 908  | 910  | 911 rBV2  | 293    | 247    | 0.08%   | 0.013%  |
| 47 | 7.383 | 924  | 926  | 930 rVB2  | 290    | 301    | 0.10%   | 0.016%  |
| 48 | 7.486 | 933  | 943  | 954 rBV   | 52156  | 130444 | 42.30%  | 6.829%  |
| 49 | 7.657 | 969  | 971  | 973 rVB   | 242    | 140    | 0.05%   | 0.007%  |
| 50 | 7.687 | 973  | 976  | 977 rBV2  | 168    | 173    | 0.06%   | 0.009%  |
| 51 | 7.724 | 981  | 982  | 985 rVV2  | 201    | 182    | 0.06%   | 0.010%  |
| 52 | 7.779 | 989  | 991  | 993 rBV   | 336    | 332    | 0.11%   | 0.017%  |
| 53 | 7.883 | 1005 | 1008 | 1010 rBV2 | 295    | 403    | 0.13%   | 0.021%  |
| 54 | 8.017 | 1028 | 1030 | 1031 rBV  | 258    | 159    | 0.05%   | 0.008%  |
| 55 | 8.120 | 1038 | 1047 | 1064 rVB2 | 105149 | 308402 | 100.00% | 16.147% |
| 56 | 8.273 | 1070 | 1072 | 1074 rVB2 | 236    | 180    | 0.06%   | 0.009%  |
| 57 | 8.352 | 1083 | 1085 | 1089 rBV3 | 213    | 205    | 0.07%   | 0.011%  |
| 58 | 8.535 | 1112 | 1115 | 1116 rBV2 | 284    | 258    | 0.08%   | 0.014%  |
| 59 | 8.626 | 1128 | 1130 | 1131 rVB  | 257    | 153    | 0.05%   | 0.008%  |
| 60 | 8.693 | 1133 | 1141 | 1150 rVV  | 91593  | 180501 | 58.53%  | 9.450%  |
| 61 | 8.785 | 1155 | 1156 | 1157 rVV  | 460    | 223    | 0.07%   | 0.012%  |
| 62 | 8.821 | 1161 | 1162 | 1163 rVV  | 349    | 176    | 0.06%   | 0.009%  |
| 63 | 8.858 | 1167 | 1168 | 1170 rBV  | 395    | 217    | 0.07%   | 0.011%  |
| 64 | 9.126 | 1204 | 1212 | 1224 rBV  | 64748  | 134330 | 43.56%  | 7.033%  |
| 65 | 9.358 | 1248 | 1250 | 1251 rBV2 | 409    | 256    | 0.08%   | 0.013%  |
| 66 | 9.529 | 1276 | 1278 | 1279 rBV2 | 212    | 201    | 0.07%   | 0.011%  |
| 67 | 9.571 | 1284 | 1285 | 1290 rBV3 | 267    | 379    | 0.12%   | 0.020%  |
| 68 | 9.608 | 1290 | 1291 | 1294 rVB  | 203    | 145    | 0.05%   | 0.008%  |
| 69 | 9.724 | 1308 | 1310 | 1311 rVB  | 348    | 197    | 0.06%   | 0.010%  |
| 70 | 9.742 | 1311 | 1313 | 1315 rBV  | 266    | 253    | 0.08%   | 0.013%  |
| 71 | 9.785 | 1318 | 1320 | 1326 rBV2 | 300    | 452    | 0.15%   | 0.024%  |

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 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\_Y\METHODS\SOM2YLM111920S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.894  | 1330 | 1338 | 1346 | rVV  | 33222  | 60386  | 19.58% | 3.162%  |
| 73  | 10.047 | 1361 | 1363 | 1365 | rVB  | 295    | 174    | 0.06%  | 0.009%  |
| 74  | 10.071 | 1365 | 1367 | 1371 | rVB2 | 340    | 458    | 0.15%  | 0.024%  |
| 75  | 10.181 | 1378 | 1385 | 1393 | rBV  | 130887 | 228224 | 74.00% | 11.949% |
| 76  | 10.437 | 1421 | 1427 | 1435 | rVB  | 23473  | 37924  | 12.30% | 1.986%  |
| 77  | 10.541 | 1443 | 1444 | 1445 | rBV  | 305    | 168    | 0.05%  | 0.009%  |
| 78  | 10.577 | 1445 | 1450 | 1457 | rVB3 | 3674   | 6368   | 2.06%  | 0.333%  |
| 79  | 10.791 | 1479 | 1485 | 1492 | rBV  | 22744  | 38532  | 12.49% | 2.017%  |
| 80  | 10.949 | 1507 | 1511 | 1516 | rVB2 | 1618   | 2126   | 0.69%  | 0.111%  |
| 81  | 11.040 | 1525 | 1526 | 1528 | rBV2 | 248    | 199    | 0.06%  | 0.010%  |
| 82  | 11.095 | 1533 | 1535 | 1538 | rVB3 | 311    | 258    | 0.08%  | 0.014%  |
| 83  | 11.144 | 1538 | 1543 | 1544 | rBV3 | 285    | 356    | 0.12%  | 0.019%  |
| 84  | 11.315 | 1567 | 1571 | 1577 | rVB5 | 1175   | 2010   | 0.65%  | 0.105%  |
| 85  | 11.486 | 1593 | 1599 | 1613 | rBV  | 113866 | 200935 | 65.15% | 10.520% |
| 86  | 11.675 | 1629 | 1630 | 1631 | rBV  | 329    | 164    | 0.05%  | 0.009%  |
| 87  | 11.723 | 1637 | 1638 | 1640 | rBV  | 254    | 227    | 0.07%  | 0.012%  |
| 88  | 11.742 | 1640 | 1641 | 1645 | rVB2 | 403    | 348    | 0.11%  | 0.018%  |
| 89  | 12.004 | 1682 | 1684 | 1686 | rBV  | 285    | 187    | 0.06%  | 0.010%  |
| 90  | 12.065 | 1693 | 1694 | 1695 | rBV  | 305    | 143    | 0.05%  | 0.007%  |
| 91  | 12.302 | 1731 | 1733 | 1736 | rBV  | 381    | 354    | 0.11%  | 0.019%  |
| 92  | 12.491 | 1757 | 1764 | 1769 | rBV2 | 4141   | 7353   | 2.38%  | 0.385%  |
| 93  | 12.559 | 1769 | 1775 | 1783 | rVB  | 39270  | 64697  | 20.98% | 3.387%  |
| 94  | 12.662 | 1790 | 1792 | 1793 | rBV2 | 338    | 243    | 0.08%  | 0.013%  |
| 95  | 13.180 | 1872 | 1877 | 1883 | rVB4 | 1021   | 1780   | 0.58%  | 0.093%  |
| 96  | 13.424 | 1911 | 1917 | 1923 | rBV  | 79879  | 127711 | 41.41% | 6.686%  |
| 97  | 13.717 | 1959 | 1965 | 1973 | rVB  | 69022  | 112035 | 36.33% | 5.866%  |
| 98  | 13.967 | 2002 | 2006 | 2010 | rVB2 | 1264   | 1799   | 0.58%  | 0.094%  |
| 99  | 14.168 | 2037 | 2039 | 2040 | rBV  | 486    | 345    | 0.11%  | 0.018%  |
| 100 | 15.040 | 2180 | 2182 | 2183 | rBV2 | 746    | 448    | 0.15%  | 0.023%  |

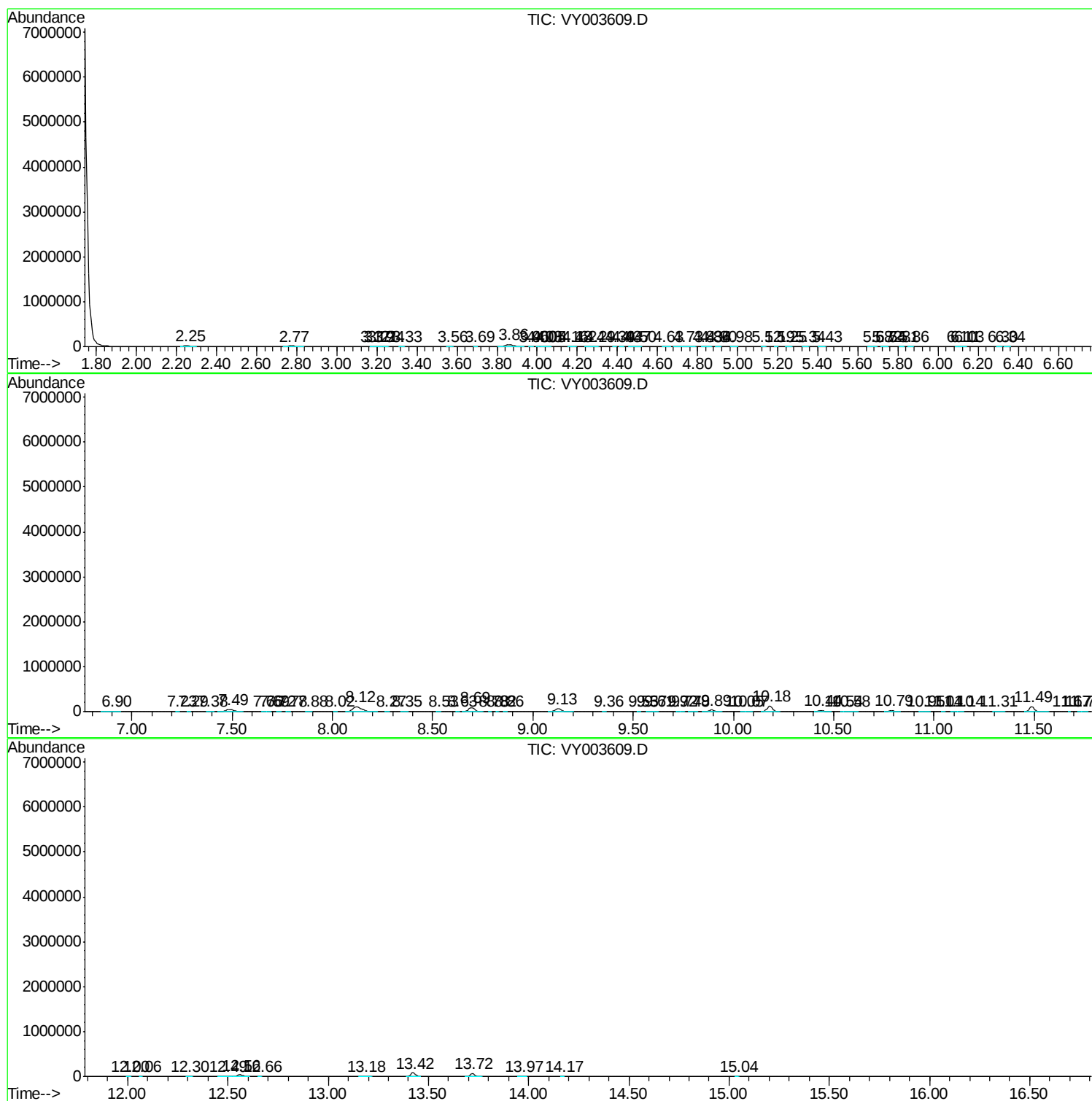
Sum of corrected areas: 1910010

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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\MSVOA\_Y\DATA\VY112420\  
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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          |