

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\  
 Data File : VY003608.D  
 Acq On : 24 Nov 2020 16:19  
 Operator : SY/MD  
 Sample : L4860-02  
 Misc : 5.15G/10ML/MSVOA Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 C0B06

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.249    | 79         | 84       | 96        | rVB   | 54797       | 98565      | 13.85%       | 2.219%     |
| 2      | 2.773    | 163        | 170      | 184       | rVB   | 35695       | 89477      | 12.57%       | 2.014%     |
| 3      | 3.280    | 251        | 253      | 256       | rVB2  | 515         | 338        | 0.05%        | 0.008%     |
| 4      | 3.365    | 265        | 267      | 270       | rVB2  | 442         | 499        | 0.07%        | 0.011%     |
| 5      | 3.420    | 270        | 276      | 278       | rBV2  | 350         | 711        | 0.10%        | 0.016%     |
| 6      | 3.584    | 302        | 303      | 307       | rBV2  | 329         | 348        | 0.05%        | 0.008%     |
| 7      | 3.761    | 330        | 332      | 335       | rVB2  | 247         | 239        | 0.03%        | 0.005%     |
| 8      | 3.859    | 335        | 348      | 362       | rBV   | 103627      | 282539     | 39.70%       | 6.360%     |
| 9      | 4.054    | 379        | 380      | 385       | rBV2  | 268         | 440        | 0.06%        | 0.010%     |
| 10     | 4.121    | 388        | 391      | 392       | rBV   | 233         | 212        | 0.03%        | 0.005%     |
| 11     | 4.182    | 399        | 401      | 403       | rVB2  | 307         | 222        | 0.03%        | 0.005%     |
| 12     | 4.218    | 403        | 407      | 408       | rBV   | 442         | 519        | 0.07%        | 0.012%     |
| 13     | 4.420    | 435        | 440      | 441       | rBV3  | 493         | 708        | 0.10%        | 0.016%     |
| 14     | 4.523    | 455        | 457      | 459       | rBV2  | 223         | 226        | 0.03%        | 0.005%     |
| 15     | 4.724    | 481        | 490      | 500       | rVB2  | 7608        | 22828      | 3.21%        | 0.514%     |
| 16     | 4.798    | 500        | 502      | 504       | rVB   | 432         | 364        | 0.05%        | 0.008%     |
| 17     | 4.834    | 504        | 508      | 510       | rBV3  | 324         | 491        | 0.07%        | 0.011%     |
| 18     | 4.858    | 510        | 512      | 514       | rBV2  | 300         | 216        | 0.03%        | 0.005%     |
| 19     | 4.889    | 516        | 517      | 518       | rBV   | 373         | 221        | 0.03%        | 0.005%     |
| 20     | 4.999    | 533        | 535      | 538       | rVB2  | 282         | 232        | 0.03%        | 0.005%     |
| 21     | 5.054    | 542        | 544      | 549       | rVB2  | 322         | 436        | 0.06%        | 0.010%     |
| 22     | 5.127    | 553        | 556      | 559       | rBV3  | 279         | 296        | 0.04%        | 0.007%     |
| 23     | 5.206    | 563        | 569      | 571       | rBV3  | 311         | 575        | 0.08%        | 0.013%     |
| 24     | 5.273    | 578        | 580      | 581       | rBV2  | 240         | 195        | 0.03%        | 0.004%     |
| 25     | 5.310    | 584        | 586      | 589       | rVB2  | 364         | 262        | 0.04%        | 0.006%     |
| 26     | 5.346    | 589        | 592      | 596       | rBV2  | 401         | 601        | 0.08%        | 0.014%     |
| 27     | 5.621    | 636        | 637      | 639       | rVB   | 380         | 190        | 0.03%        | 0.004%     |
| 28     | 5.742    | 652        | 657      | 658       | rBV2  | 1435        | 1847       | 0.26%        | 0.042%     |
| 29     | 5.895    | 680        | 682      | 686       | rBV3  | 212         | 276        | 0.04%        | 0.006%     |
| 30     | 5.950    | 689        | 691      | 694       | rVV2  | 175         | 219        | 0.03%        | 0.005%     |
| 31     | 5.992    | 697        | 698      | 701       | rBV2  | 206         | 253        | 0.04%        | 0.006%     |
| 32     | 6.303    | 748        | 749      | 751       | rVB   | 301         | 189        | 0.03%        | 0.004%     |
| 33     | 6.450    | 771        | 773      | 775       | rBV2  | 300         | 314        | 0.04%        | 0.007%     |
| 34     | 6.535    | 785        | 787      | 788       | rBV   | 246         | 178        | 0.03%        | 0.004%     |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM111920S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 6.651  | 804  | 806  | 809  | rBV  | 180    | 268    | 0.04%   | 0.006%  |
| 36 | 6.687  | 811  | 812  | 814  | rBV2 | 224    | 205    | 0.03%   | 0.005%  |
| 37 | 6.907  | 839  | 848  | 855  | rBV  | 13775  | 41392  | 5.82%   | 0.932%  |
| 38 | 7.181  | 891  | 893  | 895  | rBV3 | 381    | 257    | 0.04%   | 0.006%  |
| 39 | 7.212  | 896  | 898  | 899  | rVV2 | 316    | 207    | 0.03%   | 0.005%  |
| 40 | 7.291  | 909  | 911  | 915  | rVV3 | 252    | 353    | 0.05%   | 0.008%  |
| 41 | 7.364  | 922  | 923  | 926  | rBV2 | 227    | 179    | 0.03%   | 0.004%  |
| 42 | 7.389  | 926  | 927  | 932  | rVB3 | 311    | 290    | 0.04%   | 0.007%  |
| 43 | 7.486  | 932  | 943  | 960  | rBV  | 118378 | 298272 | 41.91%  | 6.714%  |
| 44 | 7.730  | 981  | 983  | 986  | rVB2 | 296    | 241    | 0.03%   | 0.005%  |
| 45 | 7.766  | 986  | 989  | 992  | rBV2 | 266    | 323    | 0.05%   | 0.007%  |
| 46 | 7.815  | 995  | 997  | 999  | rVB2 | 290    | 204    | 0.03%   | 0.005%  |
| 47 | 7.876  | 1004 | 1007 | 1008 | rBV2 | 343    | 366    | 0.05%   | 0.008%  |
| 48 | 7.962  | 1019 | 1021 | 1024 | rVB2 | 258    | 289    | 0.04%   | 0.007%  |
| 49 | 8.114  | 1037 | 1046 | 1065 | rVV2 | 243037 | 711683 | 100.00% | 16.021% |
| 50 | 8.376  | 1087 | 1089 | 1090 | rBV2 | 416    | 206    | 0.03%   | 0.005%  |
| 51 | 8.419  | 1095 | 1096 | 1097 | rBV  | 402    | 258    | 0.04%   | 0.006%  |
| 52 | 8.577  | 1119 | 1122 | 1123 | rBV  | 330    | 346    | 0.05%   | 0.008%  |
| 53 | 8.602  | 1123 | 1126 | 1128 | rVV2 | 274    | 318    | 0.04%   | 0.007%  |
| 54 | 8.693  | 1132 | 1141 | 1150 | rVV  | 214990 | 412109 | 57.91%  | 9.277%  |
| 55 | 8.992  | 1187 | 1190 | 1192 | rBV3 | 220    | 304    | 0.04%   | 0.007%  |
| 56 | 9.028  | 1194 | 1196 | 1198 | rBV  | 200    | 207    | 0.03%   | 0.005%  |
| 57 | 9.126  | 1204 | 1212 | 1222 | rBV  | 158172 | 318159 | 44.71%  | 7.162%  |
| 58 | 9.303  | 1239 | 1241 | 1243 | rVB  | 521    | 411    | 0.06%   | 0.009%  |
| 59 | 9.467  | 1266 | 1268 | 1269 | rBV2 | 301    | 261    | 0.04%   | 0.006%  |
| 60 | 9.571  | 1282 | 1285 | 1288 | rVB3 | 392    | 461    | 0.06%   | 0.010%  |
| 61 | 9.620  | 1290 | 1293 | 1295 | rBV3 | 205    | 255    | 0.04%   | 0.006%  |
| 62 | 9.723  | 1309 | 1310 | 1313 | rBV  | 261    | 180    | 0.03%   | 0.004%  |
| 63 | 9.760  | 1315 | 1316 | 1318 | rBV2 | 367    | 204    | 0.03%   | 0.005%  |
| 64 | 9.827  | 1325 | 1327 | 1330 | rVB2 | 376    | 341    | 0.05%   | 0.008%  |
| 65 | 9.888  | 1330 | 1337 | 1347 | rBV  | 80747  | 143808 | 20.21%  | 3.237%  |
| 66 | 10.083 | 1363 | 1369 | 1373 | rBV4 | 456    | 934    | 0.13%   | 0.021%  |
| 67 | 10.181 | 1377 | 1385 | 1395 | rBV  | 334240 | 579019 | 81.36%  | 13.034% |
| 68 | 10.376 | 1416 | 1417 | 1420 | rVB2 | 432    | 290    | 0.04%   | 0.007%  |
| 69 | 10.437 | 1420 | 1427 | 1437 | rBV  | 55168  | 91553  | 12.86%  | 2.061%  |
| 70 | 10.577 | 1445 | 1450 | 1456 | rVB2 | 5016   | 9336   | 1.31%   | 0.210%  |
| 71 | 10.668 | 1462 | 1465 | 1466 | rBV2 | 407    | 278    | 0.04%   | 0.006%  |

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 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

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.723 | 1473 | 1474 | 1476 | rBV2 | 307    | 246    | 0.03%  | 0.006%  |
| 73  | 10.790 | 1479 | 1485 | 1493 | rVV  | 51431  | 85548  | 12.02% | 1.926%  |
| 74  | 10.949 | 1507 | 1511 | 1516 | rVB2 | 4167   | 6472   | 0.91%  | 0.146%  |
| 75  | 11.065 | 1529 | 1530 | 1533 | rVB  | 628    | 350    | 0.05%  | 0.008%  |
| 76  | 11.107 | 1533 | 1537 | 1539 | rBV  | 322    | 337    | 0.05%  | 0.008%  |
| 77  | 11.181 | 1547 | 1549 | 1552 | rBV  | 242    | 234    | 0.03%  | 0.005%  |
| 78  | 11.217 | 1552 | 1555 | 1556 | rVV3 | 251    | 253    | 0.04%  | 0.006%  |
| 79  | 11.321 | 1567 | 1572 | 1576 | rVB4 | 1715   | 2820   | 0.40%  | 0.063%  |
| 80  | 11.424 | 1588 | 1589 | 1591 | rBV  | 241    | 184    | 0.03%  | 0.004%  |
| 81  | 11.485 | 1593 | 1599 | 1615 | rVB  | 268021 | 454243 | 63.83% | 10.225% |
| 82  | 11.601 | 1615 | 1618 | 1619 | rBV  | 325    | 336    | 0.05%  | 0.008%  |
| 83  | 11.735 | 1638 | 1640 | 1641 | rBV2 | 273    | 200    | 0.03%  | 0.005%  |
| 84  | 11.997 | 1681 | 1683 | 1686 | rBV2 | 258    | 229    | 0.03%  | 0.005%  |
| 85  | 12.296 | 1729 | 1732 | 1733 | rVB2 | 364    | 273    | 0.04%  | 0.006%  |
| 86  | 12.351 | 1740 | 1741 | 1743 | rBV  | 280    | 197    | 0.03%  | 0.004%  |
| 87  | 12.382 | 1745 | 1746 | 1748 | rVV  | 427    | 233    | 0.03%  | 0.005%  |
| 88  | 12.442 | 1754 | 1756 | 1757 | rBV  | 327    | 273    | 0.04%  | 0.006%  |
| 89  | 12.491 | 1758 | 1764 | 1768 | rVV  | 8806   | 13670  | 1.92%  | 0.308%  |
| 90  | 12.558 | 1769 | 1775 | 1784 | rVB  | 80826  | 133218 | 18.72% | 2.999%  |
| 91  | 12.692 | 1794 | 1797 | 1800 | rVB2 | 342    | 467    | 0.07%  | 0.011%  |
| 92  | 12.820 | 1812 | 1818 | 1825 | rBV3 | 1327   | 2874   | 0.40%  | 0.065%  |
| 93  | 12.918 | 1832 | 1834 | 1837 | rVB3 | 379    | 335    | 0.05%  | 0.008%  |
| 94  | 12.948 | 1837 | 1839 | 1843 | rBV2 | 300    | 434    | 0.06%  | 0.010%  |
| 95  | 13.070 | 1856 | 1859 | 1861 | rBV  | 671    | 663    | 0.09%  | 0.015%  |
| 96  | 13.107 | 1864 | 1865 | 1867 | rBV  | 372    | 206    | 0.03%  | 0.005%  |
| 97  | 13.424 | 1910 | 1917 | 1927 | rBV  | 205181 | 324254 | 45.56% | 7.299%  |
| 98  | 13.717 | 1958 | 1965 | 1972 | rBV  | 171998 | 284536 | 39.98% | 6.405%  |
| 99  | 13.954 | 2000 | 2004 | 2011 | rBV4 | 3526   | 6710   | 0.94%  | 0.151%  |
| 100 | 15.308 | 2223 | 2226 | 2233 | rBV6 | 2279   | 3528   | 0.50%  | 0.079%  |

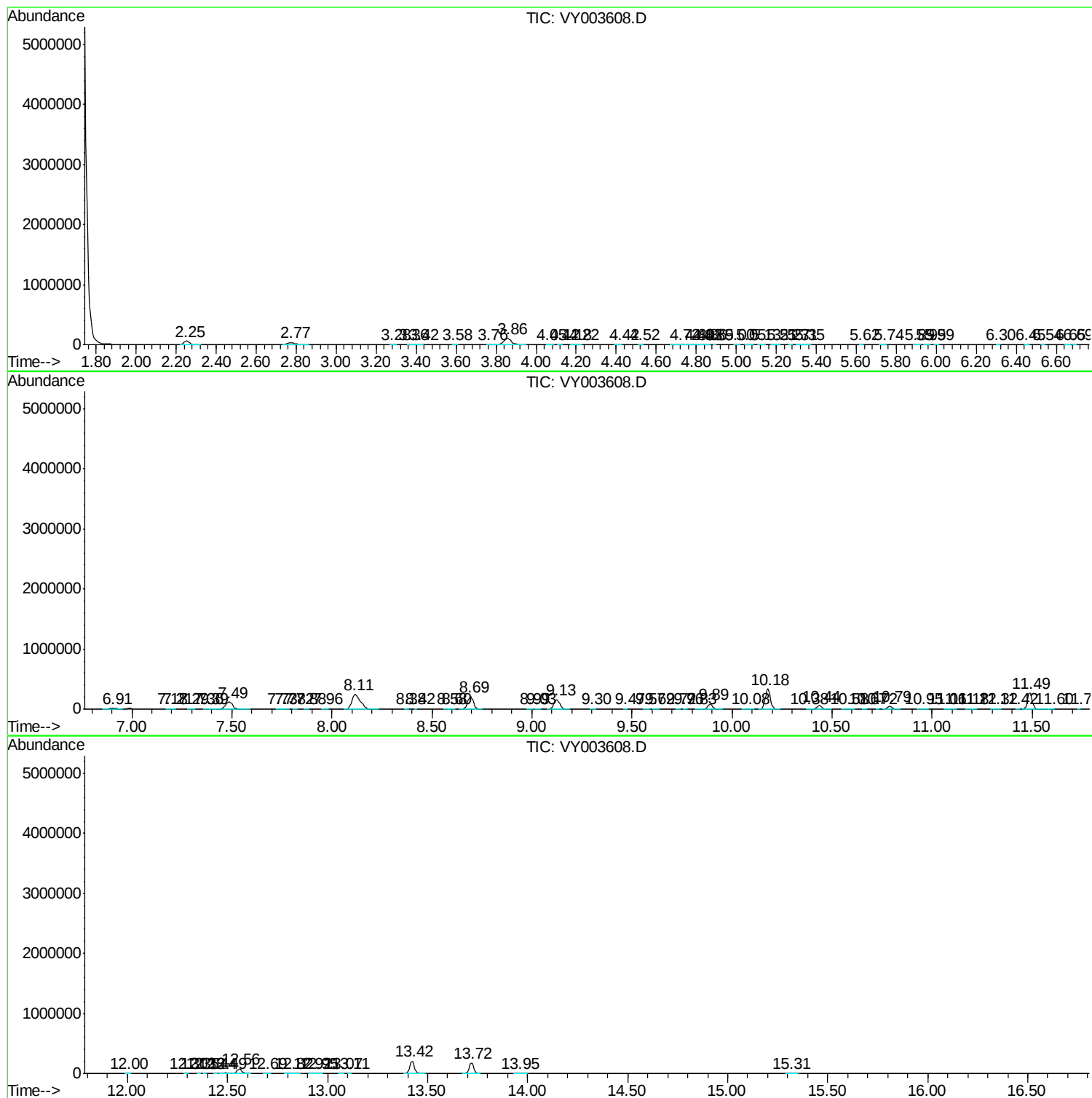
Sum of corrected areas: 4442316

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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\MSV0A\_Y\DATA\VY112420\  
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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 Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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