

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120421\  
 Data File : VY006930.D  
 Acq On : 04 Dec 2021 10:38  
 Operator : SY/MD  
 Sample : VY1204SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VBLK815

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.M  
 Title : VOC Analysis

Signal : TIC: VY006930.D\data.ms

| 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         | 2.253       | 66            | 71          | 80           | rVB      | 64665          | 109997        | 15.99%          | 1.957%        |
| 2         | 2.772       | 149           | 156         | 170          | rVB      | 39269          | 92479         | 13.44%          | 1.645%        |
| 3         | 3.119       | 211           | 213         | 215          | rBV2     | 472            | 508           | 0.07%           | 0.009%        |
| 4         | 3.485       | 272           | 273         | 277          | rBV2     | 358            | 320           | 0.05%           | 0.006%        |
| 5         | 3.631       | 295           | 297         | 300          | rVB      | 363            | 230           | 0.03%           | 0.004%        |
| 6         | 3.857       | 322           | 334         | 353          | rBV      | 102962         | 278705        | 40.51%          | 4.957%        |
| 7         | 4.058       | 364           | 367         | 369          | rBV2     | 261            | 352           | 0.05%           | 0.006%        |
| 8         | 4.198       | 382           | 390         | 397          | rVV3     | 2101           | 5751          | 0.84%           | 0.102%        |
| 9         | 4.357       | 414           | 416         | 417          | rBV      | 255            | 224           | 0.03%           | 0.004%        |
| 10        | 4.485       | 435           | 437         | 441          | rVB2     | 303            | 274           | 0.04%           | 0.005%        |
| 11        | 4.540       | 443           | 446         | 449          | rVB      | 236            | 279           | 0.04%           | 0.005%        |
| 12        | 4.576       | 449           | 452         | 455          | rBV      | 130            | 216           | 0.03%           | 0.004%        |
| 13        | 4.722       | 466           | 476         | 485          | rBV2     | 6323           | 18905         | 2.75%           | 0.336%        |
| 14        | 4.826       | 491           | 493         | 496          | rBV2     | 219            | 214           | 0.03%           | 0.004%        |
| 15        | 4.918       | 503           | 508         | 511          | rBV2     | 574            | 1219          | 0.18%           | 0.022%        |
| 16        | 5.033       | 522           | 527         | 529          | rBV2     | 155            | 269           | 0.04%           | 0.005%        |
| 17        | 5.088       | 534           | 536         | 539          | rVV2     | 254            | 235           | 0.03%           | 0.004%        |
| 18        | 5.119       | 539           | 541         | 546          | rVB2     | 287            | 392           | 0.06%           | 0.007%        |
| 19        | 5.216       | 553           | 557         | 559          | rBV2     | 649            | 1130          | 0.16%           | 0.020%        |
| 20        | 5.350       | 577           | 579         | 582          | rVV2     | 317            | 294           | 0.04%           | 0.005%        |
| 21        | 5.594       | 615           | 619         | 621          | rVB2     | 227            | 296           | 0.04%           | 0.005%        |
| 22        | 5.649       | 625           | 628         | 630          | rBV3     | 191            | 222           | 0.03%           | 0.004%        |
| 23        | 5.680       | 630           | 633         | 637          | rVB      | 285            | 390           | 0.06%           | 0.007%        |
| 24        | 5.747       | 637           | 644         | 653          | rBV6     | 1412           | 4584          | 0.67%           | 0.082%        |
| 25        | 5.942       | 674           | 676         | 681          | rBB      | 194            | 283           | 0.04%           | 0.005%        |
| 26        | 6.009       | 681           | 687         | 689          | rBV3     | 347            | 582           | 0.08%           | 0.010%        |
| 27        | 6.112       | 700           | 704         | 706          | rBV      | 289            | 428           | 0.06%           | 0.008%        |
| 28        | 6.137       | 706           | 708         | 711          | rVB      | 255            | 237           | 0.03%           | 0.004%        |
| 29        | 6.253       | 726           | 727         | 731          | rBV      | 221            | 259           | 0.04%           | 0.005%        |
| 30        | 6.326       | 737           | 739         | 743          | rBV2     | 237            | 356           | 0.05%           | 0.006%        |
| 31        | 6.588       | 778           | 782         | 786          | rBB      | 136            | 268           | 0.04%           | 0.005%        |
| 32        | 6.887       | 822           | 831         | 841          | rBV2     | 26005          | 74490         | 10.83%          | 1.325%        |
| 33        | 7.283       | 895           | 896         | 899          | rBV2     | 256            | 236           | 0.03%           | 0.004%        |
| 34        | 7.326       | 899           | 903         | 906          | rBV2     | 398            | 599           | 0.09%           | 0.011%        |
| 35        | 7.405       | 913           | 916         | 917          | rBV      | 208            | 229           | 0.03%           | 0.004%        |
| 36        | 7.484       | 918           | 929         | 942          | rVV      | 111187         | 283821        | 41.26%          | 5.048%        |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 7.594  | 945  | 947  | 953  | rVB2 | 311    | 368    | 0.05%   | 0.007%  |
| 38 | 7.649  | 953  | 956  | 959  | rBV2 | 167    | 223    | 0.03%   | 0.004%  |
| 39 | 7.704  | 959  | 965  | 970  | rVV3 | 562    | 1256   | 0.18%   | 0.022%  |
| 40 | 7.789  | 974  | 979  | 985  | rVB3 | 949    | 1753   | 0.25%   | 0.031%  |
| 41 | 7.899  | 990  | 997  | 1005 | rVV4 | 624    | 1279   | 0.19%   | 0.023%  |
| 42 | 8.002  | 1012 | 1014 | 1017 | rVB2 | 267    | 237    | 0.03%   | 0.004%  |
| 43 | 8.112  | 1023 | 1032 | 1048 | rBV2 | 227741 | 687957 | 100.00% | 12.237% |
| 44 | 8.234  | 1048 | 1052 | 1053 | rBV2 | 458    | 543    | 0.08%   | 0.010%  |
| 45 | 8.356  | 1069 | 1072 | 1076 | rVV  | 308    | 331    | 0.05%   | 0.006%  |
| 46 | 8.539  | 1098 | 1102 | 1105 | rBV3 | 399    | 585    | 0.09%   | 0.010%  |
| 47 | 8.618  | 1113 | 1115 | 1117 | rVB2 | 206    | 212    | 0.03%   | 0.004%  |
| 48 | 8.691  | 1118 | 1127 | 1137 | rBV  | 263938 | 509448 | 74.05%  | 9.062%  |
| 49 | 8.783  | 1140 | 1142 | 1145 | rBV2 | 204    | 238    | 0.03%   | 0.004%  |
| 50 | 8.874  | 1153 | 1157 | 1159 | rVB2 | 293    | 342    | 0.05%   | 0.006%  |
| 51 | 8.935  | 1161 | 1167 | 1172 | rBV3 | 1521   | 2361   | 0.34%   | 0.042%  |
| 52 | 8.978  | 1172 | 1174 | 1177 | rVB2 | 236    | 216    | 0.03%   | 0.004%  |
| 53 | 9.051  | 1183 | 1186 | 1188 | rBV2 | 216    | 216    | 0.03%   | 0.004%  |
| 54 | 9.124  | 1188 | 1198 | 1206 | rBV  | 154640 | 308949 | 44.91%  | 5.495%  |
| 55 | 9.270  | 1220 | 1222 | 1226 | rVB  | 213    | 278    | 0.04%   | 0.005%  |
| 56 | 9.502  | 1258 | 1260 | 1263 | rVB2 | 592    | 644    | 0.09%   | 0.011%  |
| 57 | 9.551  | 1264 | 1268 | 1271 | rBV2 | 284    | 272    | 0.04%   | 0.005%  |
| 58 | 9.709  | 1292 | 1294 | 1297 | rVB  | 252    | 219    | 0.03%   | 0.004%  |
| 59 | 9.892  | 1316 | 1324 | 1335 | rBV  | 100421 | 175335 | 25.49%  | 3.119%  |
| 60 | 10.075 | 1349 | 1354 | 1359 | rBV3 | 1182   | 2414   | 0.35%   | 0.043%  |
| 61 | 10.118 | 1359 | 1361 | 1364 | rVV2 | 246    | 281    | 0.04%   | 0.005%  |
| 62 | 10.185 | 1364 | 1372 | 1379 | rVV  | 336491 | 588499 | 85.54%  | 10.468% |
| 63 | 10.246 | 1379 | 1382 | 1390 | rVB2 | 7142   | 10913  | 1.59%   | 0.194%  |
| 64 | 10.337 | 1395 | 1397 | 1398 | rBV  | 312    | 234    | 0.03%   | 0.004%  |
| 65 | 10.441 | 1406 | 1414 | 1424 | rBV  | 67940  | 114512 | 16.65%  | 2.037%  |
| 66 | 10.581 | 1431 | 1437 | 1444 | rVB2 | 10388  | 17742  | 2.58%   | 0.316%  |
| 67 | 10.642 | 1444 | 1447 | 1448 | rBV3 | 485    | 544    | 0.08%   | 0.010%  |
| 68 | 10.721 | 1456 | 1460 | 1465 | rBV5 | 1609   | 2206   | 0.32%   | 0.039%  |
| 69 | 10.788 | 1465 | 1471 | 1480 | rBV  | 104491 | 163393 | 23.75%  | 2.906%  |
| 70 | 10.953 | 1490 | 1498 | 1507 | rBV2 | 7894   | 15398  | 2.24%   | 0.274%  |
| 71 | 11.319 | 1551 | 1558 | 1566 | rBV  | 12274  | 19838  | 2.88%   | 0.353%  |
| 72 | 11.490 | 1579 | 1586 | 1595 | rBV  | 388836 | 627198 | 91.17%  | 11.156% |
| 73 | 11.593 | 1599 | 1603 | 1609 | rVV2 | 2301   | 3279   | 0.48%   | 0.058%  |
| 74 | 11.703 | 1615 | 1621 | 1626 | rBV3 | 2637   | 4559   | 0.66%   | 0.081%  |
| 75 | 11.807 | 1637 | 1638 | 1644 | rVB2 | 301    | 453    | 0.07%   | 0.008%  |
| 76 | 11.868 | 1646 | 1648 | 1650 | rBV2 | 173    | 215    | 0.03%   | 0.004%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 12.038 | 1670 | 1676 | 1682 | rVB4 | 3534   | 6768   | 0.98%  | 0.120%  |
| 78  | 12.197 | 1700 | 1702 | 1703 | rBV  | 560    | 359    | 0.05%  | 0.006%  |
| 79  | 12.337 | 1718 | 1725 | 1729 | rBV3 | 2480   | 4189   | 0.61%  | 0.075%  |
| 80  | 12.495 | 1740 | 1751 | 1756 | rBV  | 69960  | 128354 | 18.66% | 2.283%  |
| 81  | 12.563 | 1756 | 1762 | 1769 | rVV  | 127473 | 204693 | 29.75% | 3.641%  |
| 82  | 12.630 | 1769 | 1773 | 1783 | rVB5 | 2491   | 5518   | 0.80%  | 0.098%  |
| 83  | 12.819 | 1799 | 1804 | 1811 | rBV6 | 6404   | 13055  | 1.90%  | 0.232%  |
| 84  | 12.953 | 1825 | 1826 | 1828 | rBV2 | 504    | 446    | 0.06%  | 0.008%  |
| 85  | 13.008 | 1831 | 1835 | 1837 | rBV3 | 545    | 834    | 0.12%  | 0.015%  |
| 86  | 13.069 | 1842 | 1845 | 1850 | rVV2 | 4916   | 7374   | 1.07%  | 0.131%  |
| 87  | 13.117 | 1850 | 1853 | 1858 | rVV2 | 3495   | 5290   | 0.77%  | 0.094%  |
| 88  | 13.184 | 1858 | 1864 | 1871 | rVB2 | 8815   | 14006  | 2.04%  | 0.249%  |
| 89  | 13.282 | 1878 | 1880 | 1888 | rVB4 | 3732   | 5130   | 0.75%  | 0.091%  |
| 90  | 13.367 | 1888 | 1894 | 1897 | rBV3 | 3623   | 5859   | 0.85%  | 0.104%  |
| 91  | 13.428 | 1897 | 1904 | 1910 | rBV  | 385770 | 589051 | 85.62% | 10.478% |
| 92  | 13.556 | 1923 | 1925 | 1926 | rBV2 | 439    | 320    | 0.05%  | 0.006%  |
| 93  | 13.648 | 1934 | 1940 | 1943 | rBV5 | 3844   | 6857   | 1.00%  | 0.122%  |
| 94  | 13.721 | 1946 | 1952 | 1960 | rVV  | 266964 | 437399 | 63.58% | 7.780%  |
| 95  | 13.965 | 1987 | 1992 | 2001 | rVB2 | 12941  | 23034  | 3.35%  | 0.410%  |
| 96  | 14.373 | 2058 | 2059 | 2060 | rBV  | 693    | 459    | 0.07%  | 0.008%  |
| 97  | 14.501 | 2076 | 2080 | 2085 | rVB5 | 3701   | 5740   | 0.83%  | 0.102%  |
| 98  | 14.617 | 2092 | 2099 | 2100 | rBV4 | 1652   | 2528   | 0.37%  | 0.045%  |
| 99  | 15.001 | 2159 | 2162 | 2170 | rBV4 | 3539   | 5150   | 0.75%  | 0.092%  |
| 100 | 15.318 | 2210 | 2214 | 2220 | rVB2 | 3389   | 5403   | 0.79%  | 0.096%  |

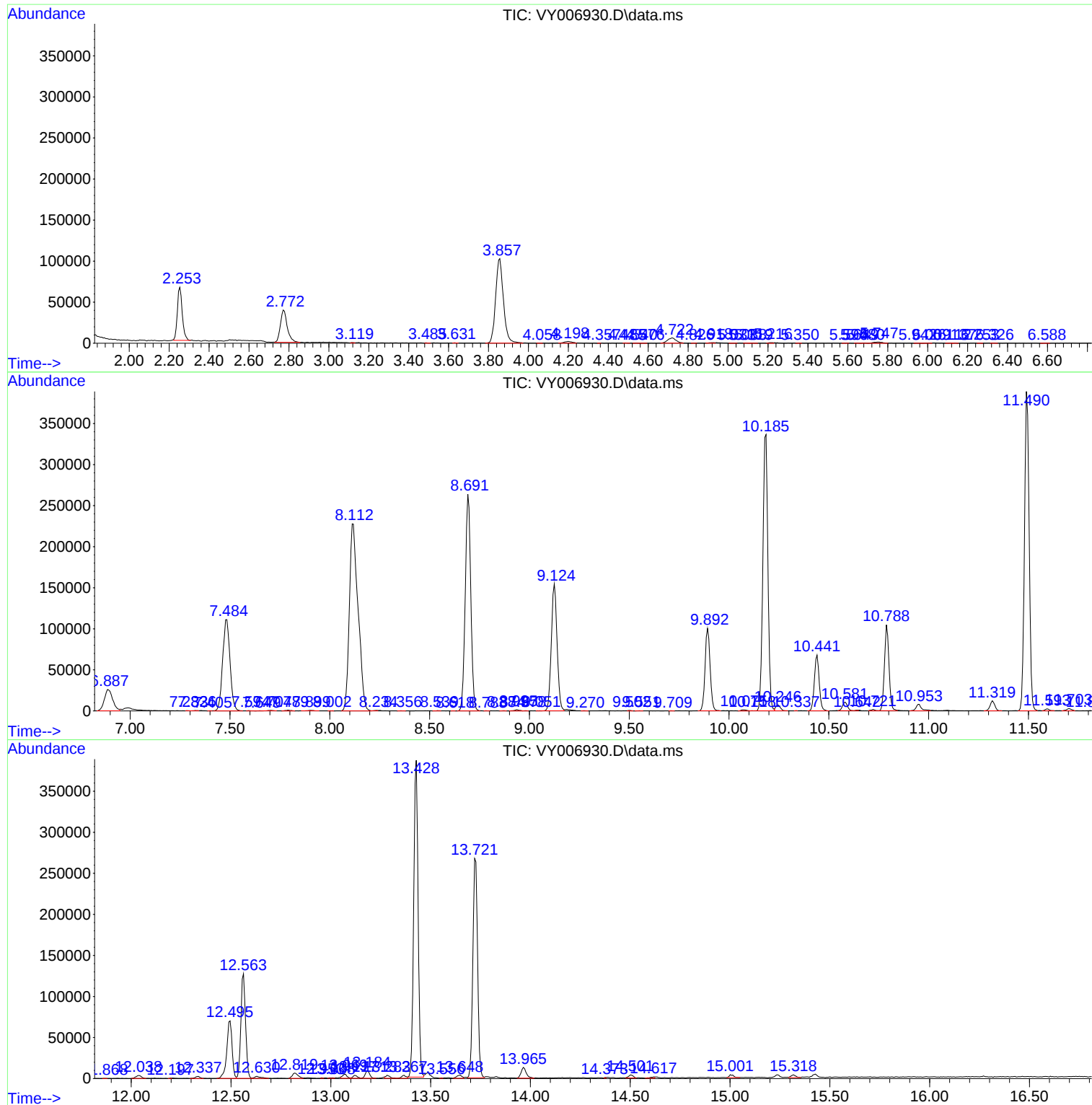
Sum of corrected areas: 5622029

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYLEM120321SMA.M  
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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 |