

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120621\  
 Data File : VY006975.D  
 Acq On : 06 Dec 2021 22:26  
 Operator : SY/MD  
 Sample : VY1206SBL03  
 Misc : 5.00g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VBLK818

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: VY006975.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         | 2.247       | 64            | 70          | 80           | rVB      | 50553          | 88364         | 15.43%          | 2.106%        |
| 2         | 2.765       | 149           | 155         | 170          | rVB      | 32229          | 76866         | 13.42%          | 1.832%        |
| 3         | 3.192       | 224           | 225         | 227          | rVB      | 383            | 234           | 0.04%           | 0.006%        |
| 4         | 3.521       | 275           | 279         | 280          | rBV2     | 249            | 327           | 0.06%           | 0.008%        |
| 5         | 3.601       | 288           | 292         | 295          | rBV      | 276            | 445           | 0.08%           | 0.011%        |
| 6         | 3.656       | 300           | 301         | 304          | rVB      | 224            | 174           | 0.03%           | 0.004%        |
| 7         | 3.845       | 323           | 332         | 355          | rVB2     | 54991          | 166277        | 29.04%          | 3.963%        |
| 8         | 4.034       | 358           | 363         | 368          | rBB2     | 389            | 589           | 0.10%           | 0.014%        |
| 9         | 4.082       | 368           | 371         | 372          | rBV      | 241            | 148           | 0.03%           | 0.004%        |
| 10        | 4.107       | 372           | 375         | 378          | rBV2     | 275            | 320           | 0.06%           | 0.008%        |
| 11        | 4.277       | 402           | 403         | 406          | rBV      | 225            | 131           | 0.02%           | 0.003%        |
| 12        | 4.332       | 409           | 412         | 413          | rBV2     | 141            | 133           | 0.02%           | 0.003%        |
| 13        | 4.381       | 418           | 420         | 421          | rBV2     | 140            | 80            | 0.01%           | 0.002%        |
| 14        | 4.479       | 434           | 436         | 440          | rVB2     | 276            | 317           | 0.06%           | 0.008%        |
| 15        | 4.527       | 442           | 444         | 447          | rBV      | 212            | 140           | 0.02%           | 0.003%        |
| 16        | 4.576       | 447           | 452         | 454          | rBV2     | 213            | 239           | 0.04%           | 0.006%        |
| 17        | 4.637       | 460           | 462         | 463          | rBV2     | 123            | 61            | 0.01%           | 0.001%        |
| 18        | 4.710       | 464           | 474         | 490          | rVB2     | 12550          | 41039         | 7.17%           | 0.978%        |
| 19        | 5.119       | 540           | 541         | 542          | rBV2     | 167            | 105           | 0.02%           | 0.003%        |
| 20        | 5.198       | 551           | 554         | 556          | rBV      | 184            | 244           | 0.04%           | 0.006%        |
| 21        | 5.296       | 568           | 570         | 572          | rBV2     | 164            | 142           | 0.02%           | 0.003%        |
| 22        | 5.350       | 577           | 579         | 582          | rVV3     | 114            | 101           | 0.02%           | 0.002%        |
| 23        | 5.643       | 624           | 627         | 628          | rBV      | 161            | 130           | 0.02%           | 0.003%        |
| 24        | 5.747       | 636           | 644         | 654          | rVB5     | 2411           | 7058          | 1.23%           | 0.168%        |
| 25        | 5.844       | 658           | 660         | 663          | rBV2     | 195            | 194           | 0.03%           | 0.005%        |
| 26        | 5.936       | 674           | 675         | 676          | rBV2     | 178            | 121           | 0.02%           | 0.003%        |
| 27        | 6.009       | 686           | 687         | 689          | rBV      | 290            | 214           | 0.04%           | 0.005%        |
| 28        | 6.058       | 691           | 695         | 697          | rBV2     | 234            | 283           | 0.05%           | 0.007%        |
| 29        | 6.112       | 702           | 704         | 707          | rBV      | 303            | 322           | 0.06%           | 0.008%        |
| 30        | 6.143       | 707           | 709         | 710          | rBV2     | 244            | 205           | 0.04%           | 0.005%        |
| 31        | 6.259       | 726           | 728         | 729          | rBV2     | 206            | 159           | 0.03%           | 0.004%        |
| 32        | 6.625       | 786           | 788         | 789          | rVB      | 295            | 202           | 0.04%           | 0.005%        |
| 33        | 6.661       | 789           | 794         | 797          | rBV2     | 372            | 536           | 0.09%           | 0.013%        |
| 34        | 6.722       | 803           | 804         | 808          | rBV3     | 121            | 140           | 0.02%           | 0.003%        |
| 35        | 6.783       | 810           | 814         | 819          | rBV3     | 518            | 814           | 0.14%           | 0.019%        |
| 36        | 6.887       | 821           | 831         | 840          | rBV      | 21577          | 60930         | 10.64%          | 1.452%        |

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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 | 7.295  | 896  | 898  | 901  | rBV2 | 267    | 359    | 0.06%   | 0.009%  |
| 38 | 7.344  | 903  | 906  | 907  | rBV  | 252    | 217    | 0.04%   | 0.005%  |
| 39 | 7.478  | 918  | 928  | 941  | rVB  | 102663 | 246012 | 42.97%  | 5.864%  |
| 40 | 7.570  | 941  | 943  | 944  | rBV  | 231    | 134    | 0.02%   | 0.003%  |
| 41 | 7.752  | 971  | 973  | 975  | rBV  | 205    | 130    | 0.02%   | 0.003%  |
| 42 | 7.777  | 975  | 977  | 979  | rVV2 | 437    | 350    | 0.06%   | 0.008%  |
| 43 | 7.795  | 979  | 980  | 984  | rVB  | 482    | 362    | 0.06%   | 0.009%  |
| 44 | 8.008  | 1013 | 1015 | 1016 | rBV2 | 181    | 129    | 0.02%   | 0.003%  |
| 45 | 8.045  | 1019 | 1021 | 1022 | rVV  | 222    | 125    | 0.02%   | 0.003%  |
| 46 | 8.112  | 1022 | 1032 | 1047 | rVV2 | 188091 | 572568 | 100.00% | 13.647% |
| 47 | 8.332  | 1067 | 1068 | 1069 | rBV  | 258    | 132    | 0.02%   | 0.003%  |
| 48 | 8.460  | 1088 | 1089 | 1091 | rBV  | 324    | 252    | 0.04%   | 0.006%  |
| 49 | 8.539  | 1101 | 1102 | 1104 | rBV2 | 231    | 217    | 0.04%   | 0.005%  |
| 50 | 8.594  | 1109 | 1111 | 1113 | rVV  | 282    | 223    | 0.04%   | 0.005%  |
| 51 | 8.630  | 1115 | 1117 | 1118 | rBV  | 368    | 331    | 0.06%   | 0.008%  |
| 52 | 8.685  | 1119 | 1126 | 1137 | rVB  | 212280 | 419403 | 73.25%  | 9.996%  |
| 53 | 8.929  | 1161 | 1166 | 1171 | rVB5 | 1139   | 1906   | 0.33%   | 0.045%  |
| 54 | 8.984  | 1174 | 1175 | 1176 | rBV  | 172    | 75     | 0.01%   | 0.002%  |
| 55 | 9.118  | 1189 | 1197 | 1206 | rBV  | 131800 | 265822 | 46.43%  | 6.336%  |
| 56 | 9.270  | 1219 | 1222 | 1224 | rBV  | 161    | 192    | 0.03%   | 0.005%  |
| 57 | 9.289  | 1224 | 1225 | 1228 | rVV  | 245    | 148    | 0.03%   | 0.004%  |
| 58 | 9.447  | 1249 | 1251 | 1253 | rBV2 | 195    | 196    | 0.03%   | 0.005%  |
| 59 | 9.551  | 1267 | 1268 | 1269 | rBV  | 258    | 109    | 0.02%   | 0.003%  |
| 60 | 9.630  | 1279 | 1281 | 1284 | rVB2 | 231    | 176    | 0.03%   | 0.004%  |
| 61 | 9.886  | 1316 | 1323 | 1332 | rBV  | 76933  | 135325 | 23.63%  | 3.225%  |
| 62 | 9.972  | 1335 | 1337 | 1340 | rBV2 | 404    | 482    | 0.08%   | 0.011%  |
| 63 | 10.179 | 1363 | 1371 | 1378 | rBV  | 248434 | 430206 | 75.14%  | 10.254% |
| 64 | 10.240 | 1378 | 1381 | 1387 | rVB2 | 4200   | 6459   | 1.13%   | 0.154%  |
| 65 | 10.289 | 1387 | 1389 | 1392 | rVB2 | 197    | 237    | 0.04%   | 0.006%  |
| 66 | 10.319 | 1392 | 1394 | 1396 | rBV2 | 365    | 365    | 0.06%   | 0.009%  |
| 67 | 10.435 | 1407 | 1413 | 1422 | rBV  | 51653  | 83661  | 14.61%  | 1.994%  |
| 68 | 10.575 | 1430 | 1436 | 1442 | rVB2 | 4354   | 8010   | 1.40%   | 0.191%  |
| 69 | 10.636 | 1445 | 1446 | 1449 | rVB2 | 352    | 189    | 0.03%   | 0.005%  |
| 70 | 10.685 | 1453 | 1454 | 1455 | rBV  | 173    | 109    | 0.02%   | 0.003%  |
| 71 | 10.782 | 1464 | 1470 | 1480 | rBV  | 77671  | 126224 | 22.05%  | 3.009%  |
| 72 | 10.941 | 1492 | 1496 | 1505 | rVB3 | 4216   | 7461   | 1.30%   | 0.178%  |
| 73 | 11.069 | 1515 | 1517 | 1518 | rVB  | 313    | 161    | 0.03%   | 0.004%  |
| 74 | 11.179 | 1534 | 1535 | 1539 | rBV2 | 360    | 400    | 0.07%   | 0.010%  |
| 75 | 11.319 | 1552 | 1558 | 1563 | rVB3 | 5734   | 9356   | 1.63%   | 0.223%  |
| 76 | 11.483 | 1578 | 1585 | 1593 | rBV  | 275591 | 457930 | 79.98%  | 10.915% |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

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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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.587 | 1598 | 1602 | 1606 | rVB2 | 663    | 1129   | 0.20%  | 0.027% |
| 78  | 11.654 | 1612 | 1613 | 1615 | rVB  | 289    | 162    | 0.03%  | 0.004% |
| 79  | 11.703 | 1615 | 1621 | 1627 | rVB5 | 821    | 1639   | 0.29%  | 0.039% |
| 80  | 11.764 | 1629 | 1631 | 1634 | rVB3 | 286    | 203    | 0.04%  | 0.005% |
| 81  | 12.032 | 1669 | 1675 | 1681 | rVB4 | 801    | 1769   | 0.31%  | 0.042% |
| 82  | 12.160 | 1693 | 1696 | 1697 | rBV  | 373    | 379    | 0.07%  | 0.009% |
| 83  | 12.227 | 1705 | 1707 | 1710 | rBV  | 357    | 394    | 0.07%  | 0.009% |
| 84  | 12.331 | 1722 | 1724 | 1727 | rVB  | 597    | 482    | 0.08%  | 0.011% |
| 85  | 12.489 | 1741 | 1750 | 1755 | rBV  | 38613  | 67436  | 11.78% | 1.607% |
| 86  | 12.556 | 1755 | 1761 | 1768 | rVB  | 92244  | 148883 | 26.00% | 3.549% |
| 87  | 12.623 | 1768 | 1772 | 1782 | rVB5 | 1203   | 2784   | 0.49%  | 0.066% |
| 88  | 12.697 | 1782 | 1784 | 1789 | rBV2 | 308    | 415    | 0.07%  | 0.010% |
| 89  | 12.819 | 1799 | 1804 | 1812 | rBV4 | 3053   | 5397   | 0.94%  | 0.129% |
| 90  | 12.989 | 1831 | 1832 | 1833 | rVB  | 395    | 145    | 0.03%  | 0.003% |
| 91  | 13.062 | 1841 | 1844 | 1849 | rVB2 | 2439   | 3420   | 0.60%  | 0.082% |
| 92  | 13.117 | 1850 | 1853 | 1857 | rVV3 | 757    | 1177   | 0.21%  | 0.028% |
| 93  | 13.178 | 1859 | 1863 | 1871 | rVB3 | 4693   | 8129   | 1.42%  | 0.194% |
| 94  | 13.282 | 1871 | 1880 | 1884 | rBV5 | 2072   | 4274   | 0.75%  | 0.102% |
| 95  | 13.361 | 1890 | 1893 | 1896 | rBV4 | 901    | 1360   | 0.24%  | 0.032% |
| 96  | 13.422 | 1896 | 1903 | 1910 | rBV  | 262233 | 404641 | 70.67% | 9.645% |
| 97  | 13.556 | 1924 | 1925 | 1927 | rBV  | 395    | 227    | 0.04%  | 0.005% |
| 98  | 13.721 | 1945 | 1952 | 1960 | rBV  | 189758 | 299322 | 52.28% | 7.134% |
| 99  | 13.959 | 1986 | 1991 | 1998 | rBV  | 9227   | 14866  | 2.60%  | 0.354% |
| 100 | 15.306 | 2210 | 2212 | 2219 | rVB6 | 1766   | 2995   | 0.52%  | 0.071% |

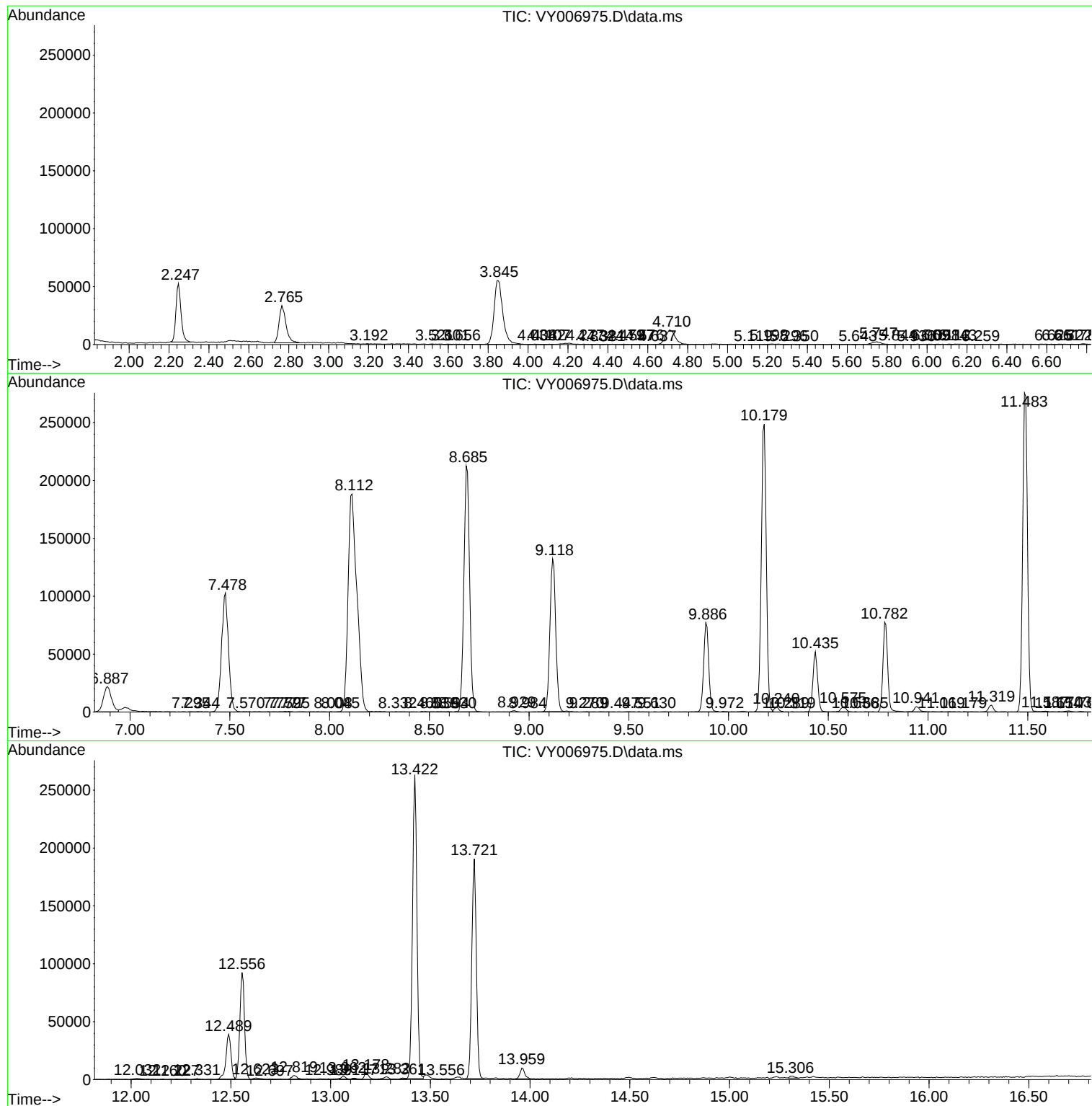
Sum of corrected areas: 4195555

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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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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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TIC Library : C:\Database\NIST20.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 |