

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
 Data File : VY012239.D  
 Acq On : 18 Jan 2023 12:24  
 Operator : KP/MD  
 Sample : 01184-01  
 Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 APNB-BOT-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82Y011623S.M

Title : SW846 8260

Signal : TIC: VY012239.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         | 2.266       | 71            | 73          | 77           | rVB2     | 368            | 481           | 1.71%           | 0.264%        |
| 2         | 2.662       | 136           | 138         | 143          | rVB3     | 871            | 1238          | 4.40%           | 0.680%        |
| 3         | 2.930       | 179           | 182         | 185          | rVB2     | 340            | 391           | 1.39%           | 0.215%        |
| 4         | 3.064       | 202           | 204         | 207          | rBV      | 249            | 338           | 1.20%           | 0.186%        |
| 5         | 4.107       | 368           | 375         | 381          | rVB3     | 906            | 2662          | 9.47%           | 1.462%        |
| 6         | 4.345       | 413           | 414         | 419          | rVB2     | 264            | 314           | 1.12%           | 0.172%        |
| 7         | 4.692       | 468           | 471         | 472          | rBV3     | 540            | 534           | 1.90%           | 0.293%        |
| 8         | 4.912       | 503           | 507         | 512          | rVB2     | 206            | 350           | 1.24%           | 0.192%        |
| 9         | 5.241       | 559           | 561         | 567          | rVB3     | 167            | 326           | 1.16%           | 0.179%        |
| 10        | 5.564       | 607           | 614         | 615          | rBV3     | 258            | 544           | 1.94%           | 0.299%        |
| 11        | 6.929       | 835           | 838         | 839          | rBV2     | 336            | 320           | 1.14%           | 0.176%        |
| 12        | 6.966       | 839           | 844         | 852          | rVB2     | 1620           | 4121          | 14.66%          | 2.263%        |
| 13        | 7.167       | 874           | 877         | 880          | rBV2     | 267            | 369           | 1.31%           | 0.203%        |
| 14        | 7.496       | 925           | 931         | 935          | rBV3     | 325            | 626           | 2.23%           | 0.344%        |
| 15        | 7.716       | 960           | 967         | 972          | rBV2     | 2092           | 4690          | 16.68%          | 2.575%        |
| 16        | 7.789       | 972           | 979         | 987          | rVB2     | 7050           | 15320         | 54.49%          | 8.413%        |
| 17        | 8.137       | 1031          | 1036        | 1044         | rVB2     | 3794           | 8803          | 31.31%          | 4.834%        |
| 18        | 8.685       | 1119          | 1126        | 1138         | rVB      | 10050          | 19975         | 71.05%          | 10.969%       |
| 19        | 9.679       | 1286          | 1289        | 1292         | rBV3     | 291            | 424           | 1.51%           | 0.233%        |
| 20        | 9.758       | 1299          | 1302        | 1303         | rBV3     | 465            | 480           | 1.71%           | 0.264%        |
| 21        | 9.777       | 1303          | 1305        | 1307         | rBV3     | 323            | 323           | 1.15%           | 0.177%        |
| 22        | 9.880       | 1320          | 1322        | 1324         | rBV2     | 421            | 320           | 1.14%           | 0.176%        |
| 23        | 10.179      | 1362          | 1371        | 1380         | rBV      | 15984          | 28113         | 100.00%         | 15.438%       |
| 24        | 10.270      | 1380          | 1386        | 1387         | rBV5     | 268            | 412           | 1.47%           | 0.226%        |
| 25        | 10.776      | 1467          | 1469        | 1474         | rVB2     | 188            | 311           | 1.11%           | 0.171%        |
| 26        | 10.837      | 1474          | 1479        | 1482         | rBV2     | 287            | 401           | 1.43%           | 0.220%        |
| 27        | 10.947      | 1489          | 1497        | 1502         | rBV5     | 569            | 1170          | 4.16%           | 0.642%        |
| 28        | 11.319      | 1554          | 1558        | 1561         | rBV4     | 439            | 675           | 2.40%           | 0.371%        |
| 29        | 11.392      | 1567          | 1570        | 1571         | rBV2     | 313            | 330           | 1.17%           | 0.181%        |
| 30        | 11.490      | 1580          | 1586        | 1597         | rVB      | 14971          | 26130         | 92.95%          | 14.349%       |
| 31        | 11.581      | 1597          | 1601        | 1602         | rBV3     | 283            | 341           | 1.21%           | 0.187%        |
| 32        | 11.685      | 1614          | 1618        | 1620         | rBV3     | 618            | 687           | 2.44%           | 0.377%        |
| 33        | 11.801      | 1635          | 1637        | 1640         | rVB3     | 374            | 341           | 1.21%           | 0.187%        |
| 34        | 12.044      | 1675          | 1677        | 1681         | rVB2     | 364            | 444           | 1.58%           | 0.244%        |
| 35        | 12.276      | 1711          | 1715        | 1716         | rBV3     | 556            | 611           | 2.17%           | 0.336%        |
| 36        | 12.331      | 1723          | 1724        | 1728         | rVB3     | 742            | 683           | 2.43%           | 0.375%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
 Data File : VY012239.D  
 Acq On : 18 Jan 2023 12:24  
 Operator : KP/MD  
 Sample : 01184-01  
 Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 APNB-BOT-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82Y011623S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |       |        |         |
|----|--------|------|------|------|------|-------|-------|--------|---------|
| 37 | 12.398 | 1733 | 1735 | 1738 | rBV4 | 632   | 660   | 2.35%  | 0.362%  |
| 38 | 12.483 | 1744 | 1749 | 1758 | rVB2 | 12791 | 21956 | 78.10% | 12.057% |
| 39 | 12.630 | 1771 | 1773 | 1780 | rVB4 | 761   | 1131  | 4.02%  | 0.621%  |
| 40 | 12.739 | 1789 | 1791 | 1792 | rBV  | 695   | 487   | 1.73%  | 0.267%  |
| 41 | 13.014 | 1834 | 1836 | 1839 | rVB2 | 595   | 520   | 1.85%  | 0.286%  |
| 42 | 13.044 | 1839 | 1841 | 1842 | rBV2 | 485   | 380   | 1.35%  | 0.209%  |
| 43 | 13.069 | 1842 | 1845 | 1846 | rBV3 | 685   | 672   | 2.39%  | 0.369%  |
| 44 | 13.258 | 1872 | 1876 | 1877 | rBV2 | 290   | 332   | 1.18%  | 0.182%  |
| 45 | 13.367 | 1891 | 1894 | 1898 | rBV4 | 973   | 1275  | 4.54%  | 0.700%  |
| 46 | 13.428 | 1898 | 1904 | 1909 | rBV2 | 11446 | 18441 | 65.60% | 10.127% |
| 47 | 13.501 | 1915 | 1916 | 1918 | rBV2 | 351   | 337   | 1.20%  | 0.185%  |
| 48 | 13.666 | 1939 | 1943 | 1945 | rBV4 | 648   | 893   | 3.18%  | 0.490%  |
| 49 | 13.971 | 1989 | 1993 | 1996 | rVB3 | 781   | 1230  | 4.38%  | 0.675%  |
| 50 | 13.995 | 1996 | 1997 | 2000 | rBV2 | 368   | 463   | 1.65%  | 0.254%  |
| 51 | 14.087 | 2008 | 2012 | 2013 | rBV2 | 398   | 427   | 1.52%  | 0.234%  |
| 52 | 14.324 | 2046 | 2051 | 2053 | rBV2 | 469   | 855   | 3.04%  | 0.470%  |
| 53 | 14.416 | 2064 | 2066 | 2069 | rBV3 | 281   | 350   | 1.24%  | 0.192%  |
| 54 | 14.453 | 2069 | 2072 | 2075 | rVB2 | 341   | 423   | 1.50%  | 0.232%  |
| 55 | 14.672 | 2106 | 2108 | 2110 | rBV  | 458   | 389   | 1.38%  | 0.214%  |
| 56 | 14.715 | 2112 | 2115 | 2117 | rBV2 | 273   | 383   | 1.36%  | 0.210%  |
| 57 | 14.849 | 2133 | 2137 | 2140 | rBV2 | 287   | 507   | 1.80%  | 0.278%  |
| 58 | 15.123 | 2180 | 2182 | 2186 | rVV2 | 402   | 506   | 1.80%  | 0.278%  |
| 59 | 15.154 | 2186 | 2187 | 2190 | rVB2 | 488   | 320   | 1.14%  | 0.176%  |
| 60 | 15.276 | 2205 | 2207 | 2209 | rBV2 | 392   | 372   | 1.32%  | 0.204%  |
| 61 | 15.318 | 2209 | 2214 | 2220 | rVB4 | 593   | 1318  | 4.69%  | 0.724%  |
| 62 | 15.373 | 2220 | 2223 | 2227 | rBV4 | 415   | 769   | 2.74%  | 0.422%  |
| 63 | 15.660 | 2268 | 2270 | 2273 | rBV2 | 411   | 447   | 1.59%  | 0.245%  |
| 64 | 15.812 | 2293 | 2295 | 2297 | rBV2 | 399   | 348   | 1.24%  | 0.191%  |
| 65 | 15.910 | 2310 | 2311 | 2315 | rVB3 | 486   | 365   | 1.30%  | 0.200%  |
| 66 | 15.995 | 2324 | 2325 | 2328 | rVB3 | 346   | 315   | 1.12%  | 0.173%  |
| 67 | 16.099 | 2339 | 2342 | 2344 | rVB3 | 404   | 444   | 1.58%  | 0.244%  |
| 68 | 16.190 | 2354 | 2357 | 2360 | rVB3 | 379   | 478   | 1.70%  | 0.262%  |
| 69 | 16.483 | 2403 | 2405 | 2406 | rVB2 | 521   | 334   | 1.19%  | 0.183%  |
| 70 | 16.550 | 2413 | 2416 | 2417 | rBV2 | 362   | 379   | 1.35%  | 0.208%  |

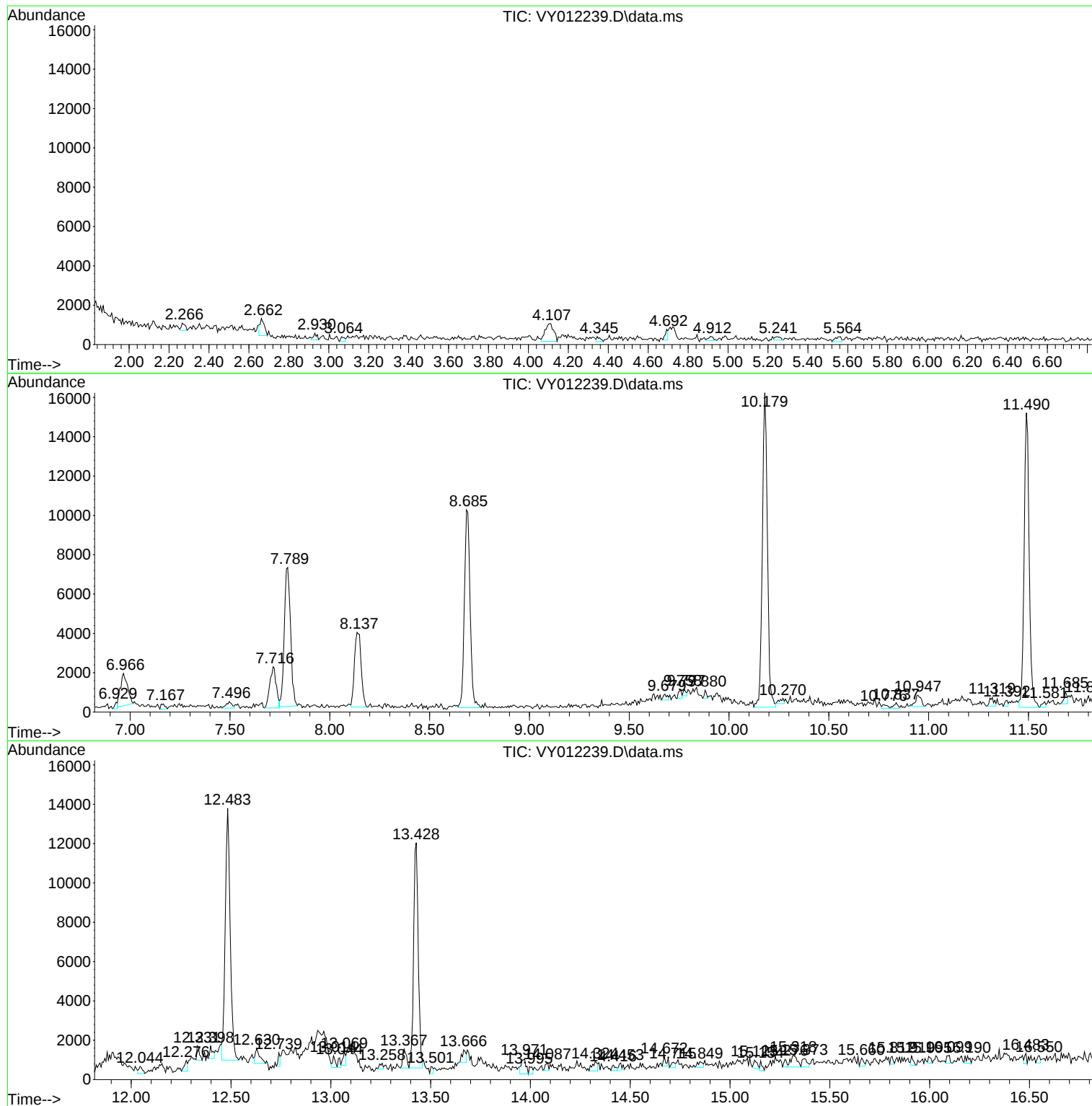
Sum of corrected areas: 182104

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
Data File : VY012239.D  
Acq On : 18 Jan 2023 12:24  
Operator : KP/MD  
Sample : 01184-01  
Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
APNB-BOT-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
Data File : VY012239.D  
Acq On : 18 Jan 2023 12:24  
Operator : KP/MD  
Sample : 01184-01  
Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
APNB-BOT-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
Quant Title : SW846 8260

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011823\  
Data File : VY012239.D  
Acq On : 18 Jan 2023 12:24  
Operator : KP/MD  
Sample : 01184-01  
Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
APNB-BOT-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
Quant Title : SW846 8260

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

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