

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052924\  
 Data File : VD079077.D  
 Acq On : 29 May 2024 21:09  
 Operator : RP/MD  
 Sample : P2640-14  
 Misc : 4.70G/10ml/MSVOA\_D/SOIL/A  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4C35

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\_D\Method\SFAMDLM052924SMA.M

Title : SFAM01.0

Signal : TIC: VD079077.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         | 1.687       | 14            | 17          | 19           | rBV      | 1880           | 2426          | 0.34%           | 0.041%        |
| 2         | 1.740       | 19            | 26          | 38           | rVV      | 431154         | 704358        | 100.00%         | 11.928%       |
| 3         | 2.152       | 90            | 96          | 97           | rBV      | 2156           | 2794          | 0.40%           | 0.047%        |
| 4         | 2.269       | 111           | 116         | 123          | rVB      | 170252         | 249275        | 35.39%          | 4.221%        |
| 5         | 2.799       | 199           | 206         | 217          | rVB      | 148564         | 270057        | 38.34%          | 4.573%        |
| 6         | 2.905       | 223           | 224         | 225          | rBV      | 1701           | 739           | 0.10%           | 0.013%        |
| 7         | 3.587       | 339           | 340         | 347          | rVB      | 719            | 892           | 0.13%           | 0.015%        |
| 8         | 3.775       | 370           | 372         | 375          | rVB      | 880            | 887           | 0.13%           | 0.015%        |
| 9         | 3.816       | 375           | 379         | 380          | rBV      | 704            | 863           | 0.12%           | 0.015%        |
| 10        | 3.916       | 384           | 396         | 407          | rVV      | 91658          | 236111        | 33.52%          | 3.998%        |
| 11        | 4.069       | 421           | 422         | 425          | rBV2     | 602            | 680           | 0.10%           | 0.012%        |
| 12        | 4.169       | 436           | 439         | 441          | rBV      | 649            | 741           | 0.11%           | 0.013%        |
| 13        | 4.434       | 480           | 484         | 485          | rVB2     | 557            | 690           | 0.10%           | 0.012%        |
| 14        | 4.452       | 485           | 487         | 489          | rBV2     | 656            | 642           | 0.09%           | 0.011%        |
| 15        | 4.505       | 493           | 496         | 497          | rBV      | 700            | 543           | 0.08%           | 0.009%        |
| 16        | 4.658       | 519           | 522         | 524          | rBV2     | 683            | 925           | 0.13%           | 0.016%        |
| 17        | 4.722       | 530           | 533         | 534          | rBV      | 482            | 530           | 0.08%           | 0.009%        |
| 18        | 4.799       | 536           | 546         | 557          | rBV3     | 10560          | 31092         | 4.41%           | 0.527%        |
| 19        | 4.940       | 567           | 570         | 572          | rBV      | 700            | 634           | 0.09%           | 0.011%        |
| 20        | 5.187       | 610           | 612         | 614          | rVB      | 714            | 647           | 0.09%           | 0.011%        |
| 21        | 5.211       | 614           | 616         | 618          | rBV2     | 547            | 594           | 0.08%           | 0.010%        |
| 22        | 5.234       | 618           | 620         | 622          | rBV      | 600            | 577           | 0.08%           | 0.010%        |
| 23        | 5.352       | 638           | 640         | 642          | rVB      | 638            | 428           | 0.06%           | 0.007%        |
| 24        | 5.493       | 661           | 664         | 668          | rBV      | 472            | 704           | 0.10%           | 0.012%        |
| 25        | 5.558       | 673           | 675         | 676          | rBV      | 464            | 416           | 0.06%           | 0.007%        |
| 26        | 5.669       | 690           | 694         | 695          | rBV2     | 616            | 750           | 0.11%           | 0.013%        |
| 27        | 5.787       | 712           | 714         | 716          | rBV      | 582            | 677           | 0.10%           | 0.011%        |
| 28        | 5.875       | 727           | 729         | 730          | rBV2     | 481            | 420           | 0.06%           | 0.007%        |
| 29        | 5.940       | 738           | 740         | 741          | rVB      | 758            | 462           | 0.07%           | 0.008%        |
| 30        | 5.958       | 741           | 743         | 745          | rBV      | 671            | 570           | 0.08%           | 0.010%        |
| 31        | 6.122       | 769           | 771         | 774          | rBV2     | 436            | 502           | 0.07%           | 0.009%        |
| 32        | 6.199       | 782           | 784         | 787          | rVB      | 742            | 743           | 0.11%           | 0.013%        |
| 33        | 6.340       | 807           | 808         | 812          | rBV2     | 785            | 766           | 0.11%           | 0.013%        |
| 34        | 6.458       | 827           | 828         | 832          | rVB      | 472            | 437           | 0.06%           | 0.007%        |
| 35        | 6.493       | 832           | 834         | 836          | rBV      | 523            | 534           | 0.08%           | 0.009%        |
| 36        | 6.675       | 863           | 865         | 867          | rBV      | 450            | 483           | 0.07%           | 0.008%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\_D\Method\SFAMDLM052924SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 6.987  | 910  | 918  | 932  | rBV  | 8586   | 25464  | 3.62%  | 0.431%  |
| 38 | 7.140  | 940  | 944  | 945  | rBV  | 413    | 465    | 0.07%  | 0.008%  |
| 39 | 7.210  | 954  | 956  | 958  | rBV2 | 626    | 668    | 0.09%  | 0.011%  |
| 40 | 7.446  | 994  | 996  | 1000 | rVB  | 486    | 460    | 0.07%  | 0.008%  |
| 41 | 7.499  | 1003 | 1005 | 1007 | rVB2 | 495    | 447    | 0.06%  | 0.008%  |
| 42 | 7.563  | 1007 | 1016 | 1030 | rBV  | 110721 | 286441 | 40.67% | 4.851%  |
| 43 | 7.669  | 1033 | 1034 | 1036 | rBV  | 881    | 417    | 0.06%  | 0.007%  |
| 44 | 7.781  | 1051 | 1053 | 1056 | rBV  | 416    | 498    | 0.07%  | 0.008%  |
| 45 | 7.999  | 1088 | 1090 | 1095 | rVB  | 846    | 1390   | 0.20%  | 0.024%  |
| 46 | 8.052  | 1097 | 1099 | 1100 | rVV  | 511    | 402    | 0.06%  | 0.007%  |
| 47 | 8.093  | 1104 | 1106 | 1108 | rVV  | 532    | 521    | 0.07%  | 0.009%  |
| 48 | 8.128  | 1110 | 1112 | 1115 | rVV  | 498    | 578    | 0.08%  | 0.010%  |
| 49 | 8.204  | 1115 | 1125 | 1141 | rVV2 | 227375 | 640809 | 90.98% | 10.851% |
| 50 | 8.328  | 1144 | 1146 | 1147 | rVV  | 963    | 607    | 0.09%  | 0.010%  |
| 51 | 8.346  | 1147 | 1149 | 1151 | rVV2 | 555    | 552    | 0.08%  | 0.009%  |
| 52 | 8.463  | 1165 | 1169 | 1172 | rVB  | 571    | 740    | 0.11%  | 0.013%  |
| 53 | 8.522  | 1177 | 1179 | 1182 | rVB2 | 567    | 562    | 0.08%  | 0.010%  |
| 54 | 8.552  | 1182 | 1184 | 1185 | rBV  | 512    | 465    | 0.07%  | 0.008%  |
| 55 | 8.593  | 1189 | 1191 | 1192 | rBV2 | 616    | 547    | 0.08%  | 0.009%  |
| 56 | 8.775  | 1214 | 1222 | 1235 | rBV  | 292795 | 577258 | 81.96% | 9.775%  |
| 57 | 8.975  | 1255 | 1256 | 1259 | rBV  | 391    | 470    | 0.07%  | 0.008%  |
| 58 | 9.210  | 1287 | 1296 | 1306 | rBV2 | 133731 | 280814 | 39.87% | 4.755%  |
| 59 | 9.334  | 1315 | 1317 | 1319 | rBV2 | 529    | 500    | 0.07%  | 0.008%  |
| 60 | 9.557  | 1353 | 1355 | 1356 | rBV  | 723    | 607    | 0.09%  | 0.010%  |
| 61 | 9.575  | 1356 | 1358 | 1360 | rVV  | 654    | 447    | 0.06%  | 0.008%  |
| 62 | 9.640  | 1366 | 1369 | 1372 | rBV  | 561    | 785    | 0.11%  | 0.013%  |
| 63 | 9.975  | 1419 | 1426 | 1433 | rBV  | 61306  | 112748 | 16.01% | 1.909%  |
| 64 | 10.040 | 1433 | 1437 | 1439 | rVB2 | 484    | 640    | 0.09%  | 0.011%  |
| 65 | 10.063 | 1439 | 1441 | 1442 | rVB  | 736    | 446    | 0.06%  | 0.008%  |
| 66 | 10.122 | 1449 | 1451 | 1454 | rBV2 | 619    | 653    | 0.09%  | 0.011%  |
| 67 | 10.146 | 1454 | 1455 | 1457 | rVB  | 767    | 415    | 0.06%  | 0.007%  |
| 68 | 10.216 | 1465 | 1467 | 1468 | rBV  | 467    | 457    | 0.06%  | 0.008%  |
| 69 | 10.269 | 1468 | 1476 | 1484 | rBV  | 316669 | 555876 | 78.92% | 9.413%  |
| 70 | 10.457 | 1504 | 1508 | 1510 | rBV2 | 671    | 652    | 0.09%  | 0.011%  |
| 71 | 10.522 | 1512 | 1519 | 1528 | rBV  | 42772  | 73916  | 10.49% | 1.252%  |
| 72 | 10.663 | 1539 | 1543 | 1548 | rVB4 | 2174   | 3696   | 0.52%  | 0.063%  |
| 73 | 10.746 | 1556 | 1557 | 1561 | rVB2 | 491    | 448    | 0.06%  | 0.008%  |
| 74 | 10.875 | 1573 | 1579 | 1589 | rVB2 | 30504  | 54715  | 7.77%  | 0.927%  |
| 75 | 11.581 | 1692 | 1699 | 1710 | rVB  | 404735 | 701489 | 99.59% | 11.879% |
| 76 | 11.969 | 1764 | 1765 | 1770 | rBV  | 533    | 486    | 0.07%  | 0.008%  |

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4C35

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\_D\Method\SFAMDLM052924SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.451 | 1845 | 1847 | 1852 | rBV2 | 525    | 652    | 0.09%  | 0.011% |
| 78  | 12.557 | 1864 | 1865 | 1866 | rBV  | 1051   | 591    | 0.08%  | 0.010% |
| 79  | 12.645 | 1874 | 1880 | 1888 | rVB  | 95269  | 154150 | 21.89% | 2.610% |
| 80  | 12.881 | 1917 | 1920 | 1924 | rBV2 | 458    | 736    | 0.10%  | 0.012% |
| 81  | 13.081 | 1952 | 1954 | 1959 | rVB2 | 515    | 456    | 0.06%  | 0.008% |
| 82  | 13.122 | 1959 | 1961 | 1963 | rBV2 | 664    | 420    | 0.06%  | 0.007% |
| 83  | 13.163 | 1964 | 1968 | 1976 | rBV2 | 1725   | 3419   | 0.49%  | 0.058% |
| 84  | 13.369 | 2002 | 2003 | 2007 | rVB3 | 1682   | 1310   | 0.19%  | 0.022% |
| 85  | 13.439 | 2013 | 2015 | 2017 | rVB2 | 952    | 688    | 0.10%  | 0.012% |
| 86  | 13.516 | 2021 | 2028 | 2035 | rBV  | 332430 | 546153 | 77.54% | 9.249% |
| 87  | 13.681 | 2054 | 2056 | 2058 | rBV2 | 751    | 835    | 0.12%  | 0.014% |
| 88  | 13.716 | 2060 | 2062 | 2063 | rBV  | 895    | 575    | 0.08%  | 0.010% |
| 89  | 13.810 | 2071 | 2078 | 2086 | rVB  | 207339 | 345108 | 49.00% | 5.844% |
| 90  | 13.975 | 2104 | 2106 | 2107 | rVB  | 982    | 551    | 0.08%  | 0.009% |
| 91  | 14.004 | 2109 | 2111 | 2113 | rVB2 | 721    | 427    | 0.06%  | 0.007% |
| 92  | 14.028 | 2113 | 2115 | 2116 | rBV  | 682    | 593    | 0.08%  | 0.010% |
| 93  | 14.039 | 2116 | 2117 | 2118 | rBV  | 879    | 408    | 0.06%  | 0.007% |
| 94  | 14.298 | 2159 | 2161 | 2164 | rBV  | 716    | 686    | 0.10%  | 0.012% |
| 95  | 14.369 | 2171 | 2173 | 2174 | rBV  | 730    | 462    | 0.07%  | 0.008% |
| 96  | 14.586 | 2208 | 2210 | 2213 | rBV3 | 624    | 606    | 0.09%  | 0.010% |
| 97  | 14.810 | 2246 | 2248 | 2251 | rVB2 | 848    | 507    | 0.07%  | 0.009% |
| 98  | 15.022 | 2282 | 2284 | 2287 | rBV2 | 943    | 693    | 0.10%  | 0.012% |
| 99  | 16.428 | 2520 | 2523 | 2524 | rBV2 | 871    | 659    | 0.09%  | 0.011% |
| 100 | 16.533 | 2539 | 2541 | 2542 | rVB  | 1062   | 484    | 0.07%  | 0.008% |

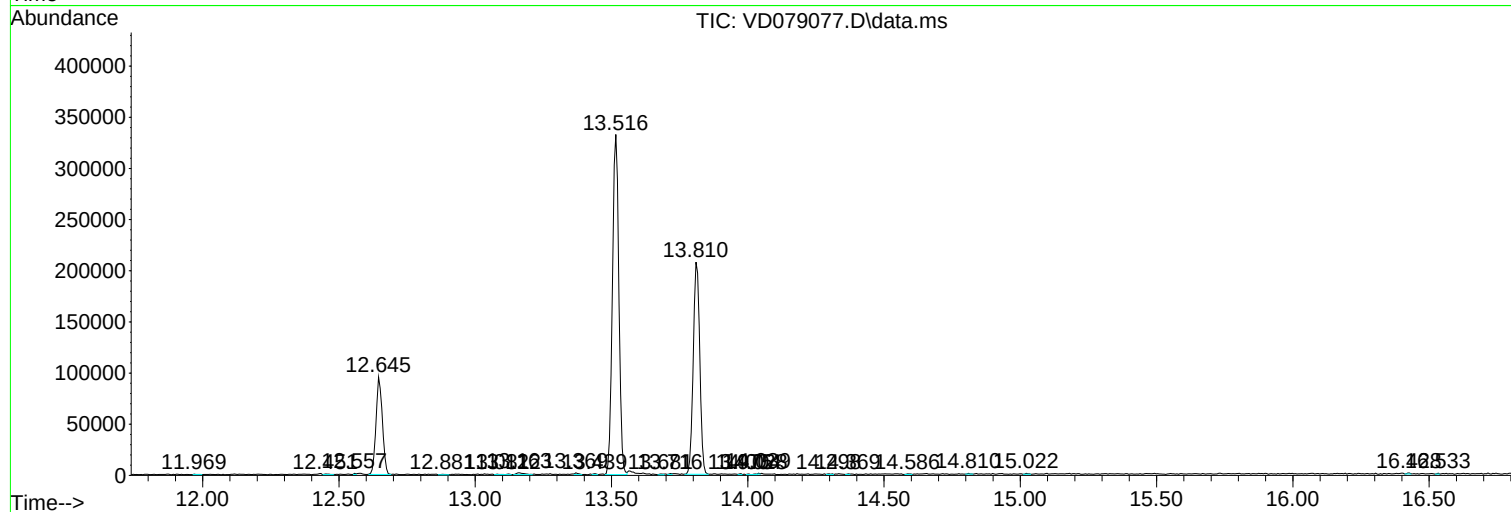
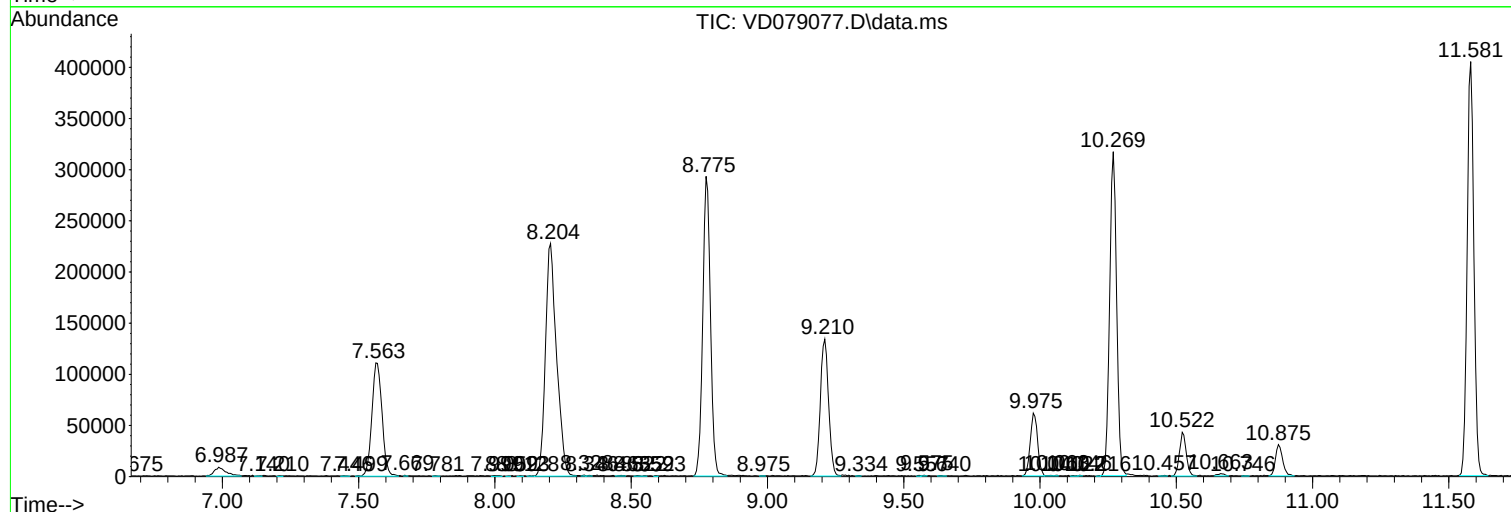
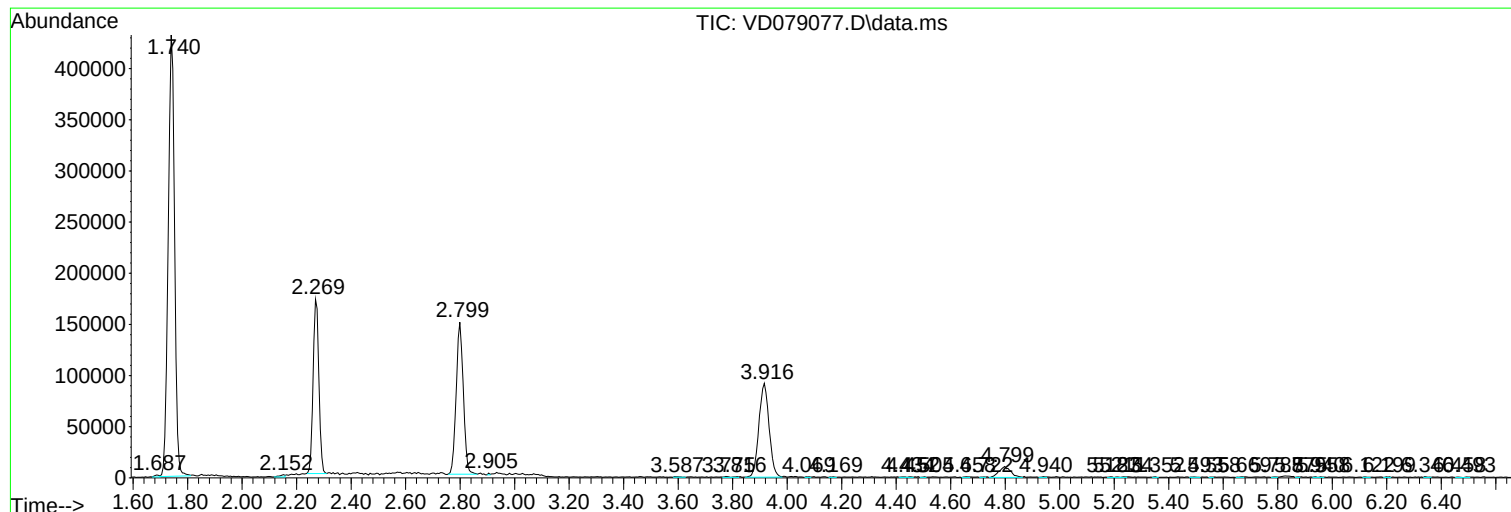
Sum of corrected areas: 5905309

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
Quant Title : SFAM01.0

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



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No Library Search Compounds Detected

\*\*\*\*\*

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