

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081023\  
 Data File : VD076959.D  
 Acq On : 10 Aug 2023 12:48  
 Operator : JC/SY  
 Sample : VD0810SBL01  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK142

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\SFAMDLM080323SMA.M  
 Title : SFAM01.0

Signal : TIC: VD076959.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         | 1.740       | 12            | 26          | 33           | rBV      | 175598         | 333960        | 26.32%          | 3.615%        |
| 2         | 2.105       | 85            | 88          | 91           | rBV4     | 4118           | 5202          | 0.41%           | 0.056%        |
| 3         | 2.146       | 91            | 95          | 98           | rBV2     | 3267           | 4552          | 0.36%           | 0.049%        |
| 4         | 2.269       | 110           | 116         | 124          | rVB      | 205710         | 287601        | 22.67%          | 3.113%        |
| 5         | 2.569       | 163           | 167         | 176          | rBV5     | 13105          | 27621         | 2.18%           | 0.299%        |
| 6         | 2.793       | 199           | 205         | 215          | rVB      | 171691         | 311125        | 24.52%          | 3.368%        |
| 7         | 3.746       | 366           | 367         | 368          | rBV      | 845            | 473           | 0.04%           | 0.005%        |
| 8         | 3.816       | 377           | 379         | 382          | rBV2     | 576            | 744           | 0.06%           | 0.008%        |
| 9         | 3.911       | 385           | 395         | 405          | rVV2     | 154563         | 397354        | 31.32%          | 4.301%        |
| 10        | 4.522       | 496           | 499         | 502          | rVB      | 724            | 596           | 0.05%           | 0.006%        |
| 11        | 4.558       | 502           | 505         | 506          | rVB      | 723            | 664           | 0.05%           | 0.007%        |
| 12        | 4.581       | 506           | 509         | 510          | rBV2     | 508            | 543           | 0.04%           | 0.006%        |
| 13        | 4.693       | 525           | 528         | 531          | rBV2     | 752            | 1114          | 0.09%           | 0.012%        |
| 14        | 4.793       | 538           | 545         | 557          | rVB5     | 6766           | 17223         | 1.36%           | 0.186%        |
| 15        | 4.981       | 576           | 577         | 579          | rBV      | 868            | 726           | 0.06%           | 0.008%        |
| 16        | 5.158       | 605           | 607         | 609          | rVB2     | 626            | 523           | 0.04%           | 0.006%        |
| 17        | 5.269       | 625           | 626         | 627          | rBV      | 965            | 474           | 0.04%           | 0.005%        |
| 18        | 5.299       | 629           | 631         | 633          | rVB      | 626            | 459           | 0.04%           | 0.005%        |
| 19        | 5.481       | 661           | 662         | 664          | rBV      | 735            | 438           | 0.03%           | 0.005%        |
| 20        | 5.558       | 673           | 675         | 678          | rVB2     | 616            | 432           | 0.03%           | 0.005%        |
| 21        | 5.758       | 708           | 709         | 711          | rBV2     | 467            | 447           | 0.04%           | 0.005%        |
| 22        | 5.793       | 713           | 715         | 717          | rBV      | 762            | 431           | 0.03%           | 0.005%        |
| 23        | 5.834       | 717           | 722         | 724          | rBV4     | 1816           | 2784          | 0.22%           | 0.030%        |
| 24        | 6.122       | 770           | 771         | 774          | rVB      | 912            | 670           | 0.05%           | 0.007%        |
| 25        | 6.146       | 774           | 775         | 776          | rBV      | 1007           | 479           | 0.04%           | 0.005%        |
| 26        | 6.487       | 831           | 833         | 834          | rBV      | 903            | 530           | 0.04%           | 0.006%        |
| 27        | 6.616       | 852           | 855         | 858          | rVB2     | 407            | 515           | 0.04%           | 0.006%        |
| 28        | 6.722       | 871           | 873         | 876          | rVB2     | 724            | 558           | 0.04%           | 0.006%        |
| 29        | 6.787       | 880           | 884         | 885          | rBV2     | 819            | 1016          | 0.08%           | 0.011%        |
| 30        | 6.816       | 888           | 889         | 890          | rVB      | 1541           | 544           | 0.04%           | 0.006%        |
| 31        | 6.834       | 890           | 892         | 893          | rBV      | 461            | 448           | 0.04%           | 0.005%        |
| 32        | 6.846       | 893           | 894         | 896          | rVB2     | 800            | 408           | 0.03%           | 0.004%        |
| 33        | 6.981       | 908           | 917         | 924          | rBV      | 39369          | 106693        | 8.41%           | 1.155%        |
| 34        | 7.310       | 971           | 973         | 975          | rVB      | 1210           | 764           | 0.06%           | 0.008%        |
| 35        | 7.569       | 1006          | 1017        | 1027         | rBV      | 217139         | 531731        | 41.91%          | 5.755%        |
| 36        | 7.840       | 1062          | 1063        | 1065         | rBV      | 1028           | 667           | 0.05%           | 0.007%        |

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 Sample : VD0810SBL01  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK142

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\SFAMDLM080323SMA.M  
 Title : SFAM01.0

|    |       |      |      |      |      |      |     |       |        |
|----|-------|------|------|------|------|------|-----|-------|--------|
| 37 | 7.881 | 1069 | 1070 | 1071 | rBV  | 1182 | 551 | 0.04% | 0.006% |
| 38 | 8.010 | 1089 | 1092 | 1095 | rBV2 | 627  | 753 | 0.06% | 0.008% |
| 39 | 8.057 | 1098 | 1100 | 1102 | rBV  | 786  | 533 | 0.04% | 0.006% |
| 40 | 8.128 | 1111 | 1112 | 1114 | rBV  | 711  | 407 | 0.03% | 0.004% |

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 41 | 8.204 | 1114 | 1125 | 1139 | rVV2 | 423100 | 1268739 | 100.00% | 13.733% |
| 42 | 8.416 | 1159 | 1161 | 1162 | rVB2 | 932    | 432     | 0.03%   | 0.005%  |
| 43 | 8.475 | 1169 | 1171 | 1175 | rBV3 | 924    | 884     | 0.07%   | 0.010%  |
| 44 | 8.504 | 1175 | 1176 | 1180 | rVB2 | 666    | 586     | 0.05%   | 0.006%  |
| 45 | 8.551 | 1183 | 1184 | 1186 | rVB  | 671    | 442     | 0.03%   | 0.005%  |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 46 | 8.587 | 1189 | 1190 | 1192 | rBV  | 819    | 609    | 0.05%  | 0.007% |
| 47 | 8.634 | 1196 | 1198 | 1199 | rVV  | 736    | 463    | 0.04%  | 0.005% |
| 48 | 8.775 | 1213 | 1222 | 1233 | rBV  | 294296 | 592070 | 46.67% | 6.408% |
| 49 | 8.975 | 1254 | 1256 | 1259 | rBV2 | 957    | 963    | 0.08%  | 0.010% |
| 50 | 9.010 | 1259 | 1262 | 1264 | rVV2 | 1681   | 1598   | 0.13%  | 0.017% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 51 | 9.057 | 1267 | 1270 | 1271 | rBV  | 709    | 784    | 0.06%  | 0.008% |
| 52 | 9.151 | 1284 | 1286 | 1287 | rBV  | 618    | 404    | 0.03%  | 0.004% |
| 53 | 9.210 | 1287 | 1296 | 1305 | rBV  | 271406 | 557880 | 43.97% | 6.038% |
| 54 | 9.387 | 1324 | 1326 | 1328 | rBV2 | 703    | 813    | 0.06%  | 0.009% |
| 55 | 9.410 | 1328 | 1330 | 1332 | rVV  | 651    | 586    | 0.05%  | 0.006% |

|    |       |      |      |      |      |      |      |       |        |
|----|-------|------|------|------|------|------|------|-------|--------|
| 56 | 9.487 | 1341 | 1343 | 1345 | rBV  | 1083 | 675  | 0.05% | 0.007% |
| 57 | 9.516 | 1345 | 1348 | 1352 | rBV2 | 509  | 759  | 0.06% | 0.008% |
| 58 | 9.557 | 1353 | 1355 | 1357 | rBV  | 720  | 480  | 0.04% | 0.005% |
| 59 | 9.593 | 1359 | 1361 | 1363 | rBV2 | 2248 | 2383 | 0.19% | 0.026% |
| 60 | 9.704 | 1377 | 1380 | 1384 | rBV  | 854  | 1089 | 0.09% | 0.012% |

|    |        |      |      |      |     |        |         |        |         |
|----|--------|------|------|------|-----|--------|---------|--------|---------|
| 61 | 9.863  | 1405 | 1407 | 1409 | rVV | 867    | 517     | 0.04%  | 0.006%  |
| 62 | 9.981  | 1416 | 1427 | 1434 | rBV | 154955 | 280413  | 22.10% | 3.035%  |
| 63 | 10.157 | 1455 | 1457 | 1459 | rBV | 801    | 624     | 0.05%  | 0.007%  |
| 64 | 10.269 | 1468 | 1476 | 1488 | rBV | 615890 | 1073416 | 84.60% | 11.618% |
| 65 | 10.528 | 1513 | 1520 | 1529 | rVB | 98834  | 174534  | 13.76% | 1.889%  |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 10.663 | 1537 | 1543 | 1552 | rVB2 | 29830  | 54313  | 4.28%  | 0.588% |
| 67 | 10.881 | 1573 | 1580 | 1588 | rBV  | 153993 | 274924 | 21.67% | 2.976% |
| 68 | 11.028 | 1601 | 1605 | 1610 | rVB4 | 4350   | 6959   | 0.55%  | 0.075% |
| 69 | 11.122 | 1620 | 1621 | 1626 | rBV4 | 1763   | 2709   | 0.21%  | 0.029% |
| 70 | 11.340 | 1656 | 1658 | 1659 | rBV2 | 829    | 414    | 0.03%  | 0.004% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 11.410 | 1665 | 1670 | 1675 | rVB5 | 6688   | 10462  | 0.82%  | 0.113% |
| 72 | 11.581 | 1692 | 1699 | 1710 | rVB  | 452452 | 769180 | 60.63% | 8.325% |
| 73 | 11.687 | 1715 | 1717 | 1718 | rBV  | 1280   | 718    | 0.06%  | 0.008% |
| 74 | 11.740 | 1725 | 1726 | 1728 | rBV  | 653    | 490    | 0.04%  | 0.005% |
| 75 | 11.787 | 1733 | 1734 | 1738 | rBV3 | 1239   | 1307   | 0.10%  | 0.014% |

|    |        |      |      |      |     |     |     |       |        |
|----|--------|------|------|------|-----|-----|-----|-------|--------|
| 76 | 11.892 | 1750 | 1752 | 1753 | rBV | 824 | 524 | 0.04% | 0.006% |
|----|--------|------|------|------|-----|-----|-----|-------|--------|

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 Sample : VD0810SBL01  
 Misc : 5.00G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK142

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\SFAMDLM080323SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.951 | 1759 | 1762 | 1763 | rBV2 | 676    | 675    | 0.05%  | 0.007% |
| 78  | 11.987 | 1767 | 1768 | 1769 | rBV  | 797    | 487    | 0.04%  | 0.005% |
| 79  | 12.134 | 1789 | 1793 | 1799 | rVB4 | 4894   | 7385   | 0.58%  | 0.080% |
| 80  | 12.222 | 1806 | 1808 | 1809 | rBV2 | 691    | 551    | 0.04%  | 0.006% |
| 81  | 12.581 | 1862 | 1869 | 1874 | rBV2 | 26256  | 43838  | 3.46%  | 0.474% |
| 82  | 12.651 | 1874 | 1881 | 1889 | rVB  | 259850 | 430923 | 33.96% | 4.664% |
| 83  | 12.781 | 1901 | 1903 | 1904 | rBV  | 686    | 459    | 0.04%  | 0.005% |
| 84  | 12.822 | 1909 | 1910 | 1912 | rBV  | 1012   | 570    | 0.04%  | 0.006% |
| 85  | 13.010 | 1940 | 1942 | 1943 | rBV2 | 842    | 744    | 0.06%  | 0.008% |
| 86  | 13.145 | 1963 | 1965 | 1966 | rBV  | 776    | 521    | 0.04%  | 0.006% |
| 87  | 13.269 | 1983 | 1986 | 1992 | rBV3 | 1990   | 3401   | 0.27%  | 0.037% |
| 88  | 13.516 | 2021 | 2028 | 2036 | rBV  | 466908 | 755196 | 59.52% | 8.174% |
| 89  | 13.734 | 2061 | 2065 | 2068 | rBV4 | 1400   | 2080   | 0.16%  | 0.023% |
| 90  | 13.816 | 2070 | 2079 | 2086 | rBV  | 499403 | 828784 | 65.32% | 8.971% |
| 91  | 14.045 | 2113 | 2118 | 2124 | rBV3 | 6506   | 10558  | 0.83%  | 0.114% |
| 92  | 14.298 | 2155 | 2161 | 2166 | rBV4 | 4970   | 6729   | 0.53%  | 0.073% |
| 93  | 14.339 | 2166 | 2168 | 2169 | rBV  | 1004   | 489    | 0.04%  | 0.005% |
| 94  | 14.545 | 2201 | 2203 | 2204 | rBV2 | 943    | 629    | 0.05%  | 0.007% |
| 95  | 14.575 | 2207 | 2208 | 2211 | rVB2 | 1349   | 966    | 0.08%  | 0.010% |
| 96  | 14.698 | 2228 | 2229 | 2232 | rBV2 | 1262   | 1259   | 0.10%  | 0.014% |
| 97  | 15.204 | 2313 | 2315 | 2316 | rBV  | 1580   | 975    | 0.08%  | 0.011% |
| 98  | 15.416 | 2346 | 2351 | 2355 | rVB3 | 7352   | 11817  | 0.93%  | 0.128% |
| 99  | 15.469 | 2358 | 2360 | 2366 | rBV4 | 1469   | 2083   | 0.16%  | 0.023% |
| 100 | 16.016 | 2451 | 2453 | 2454 | rBV2 | 1460   | 866    | 0.07%  | 0.009% |

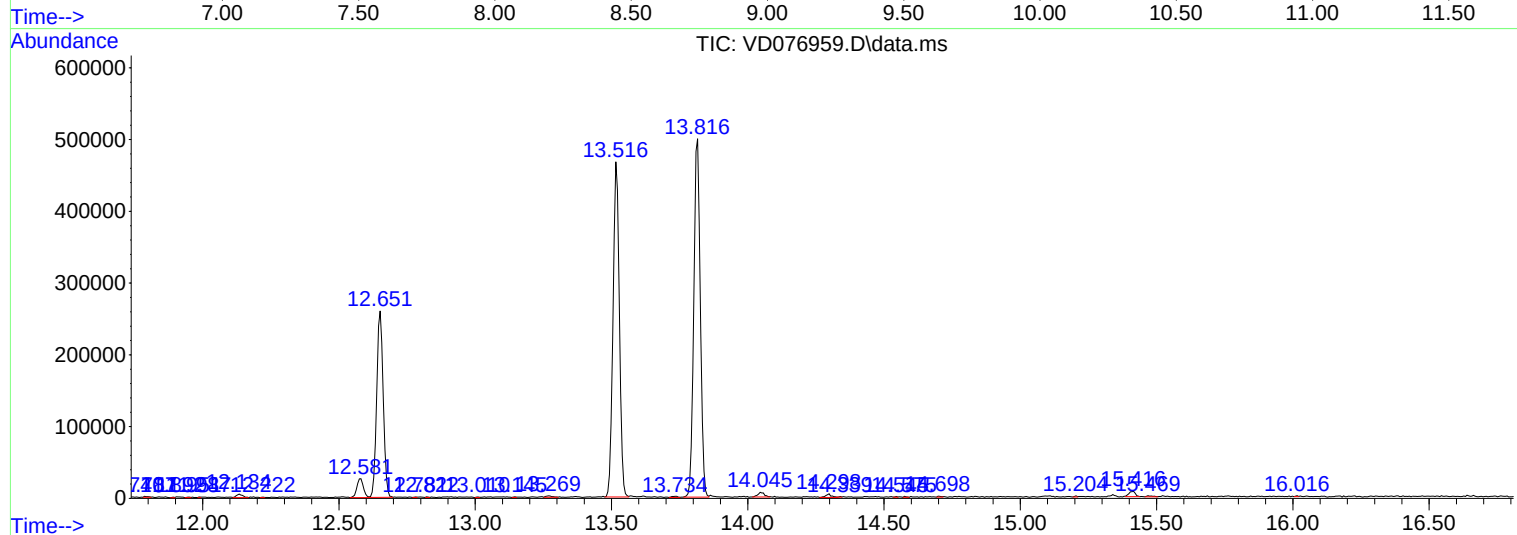
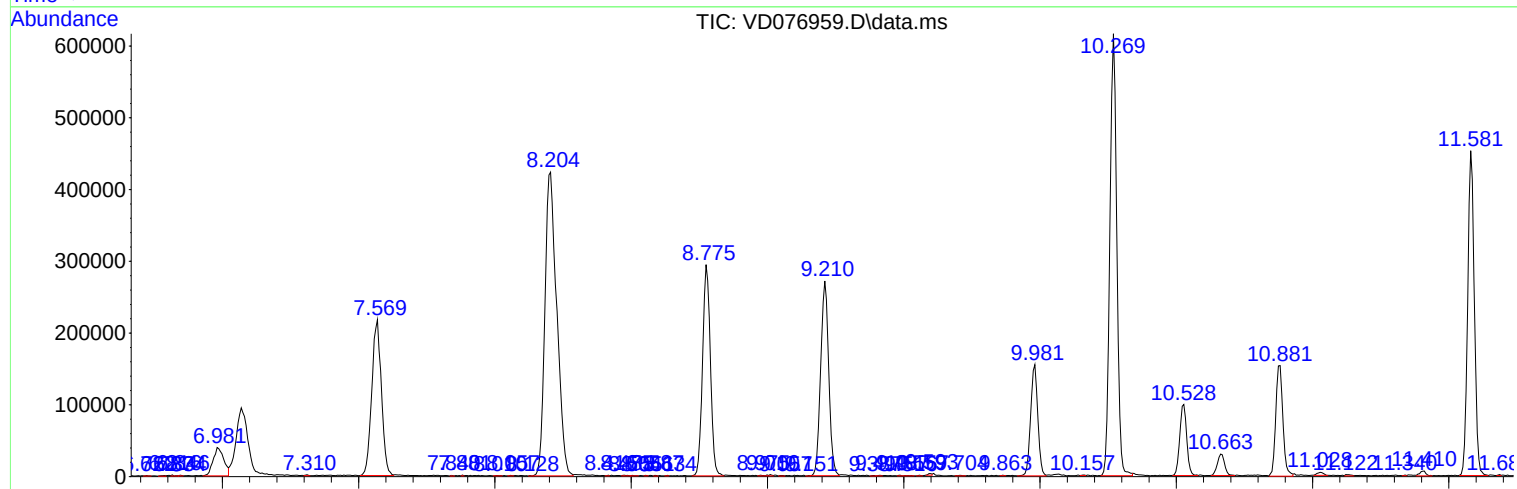
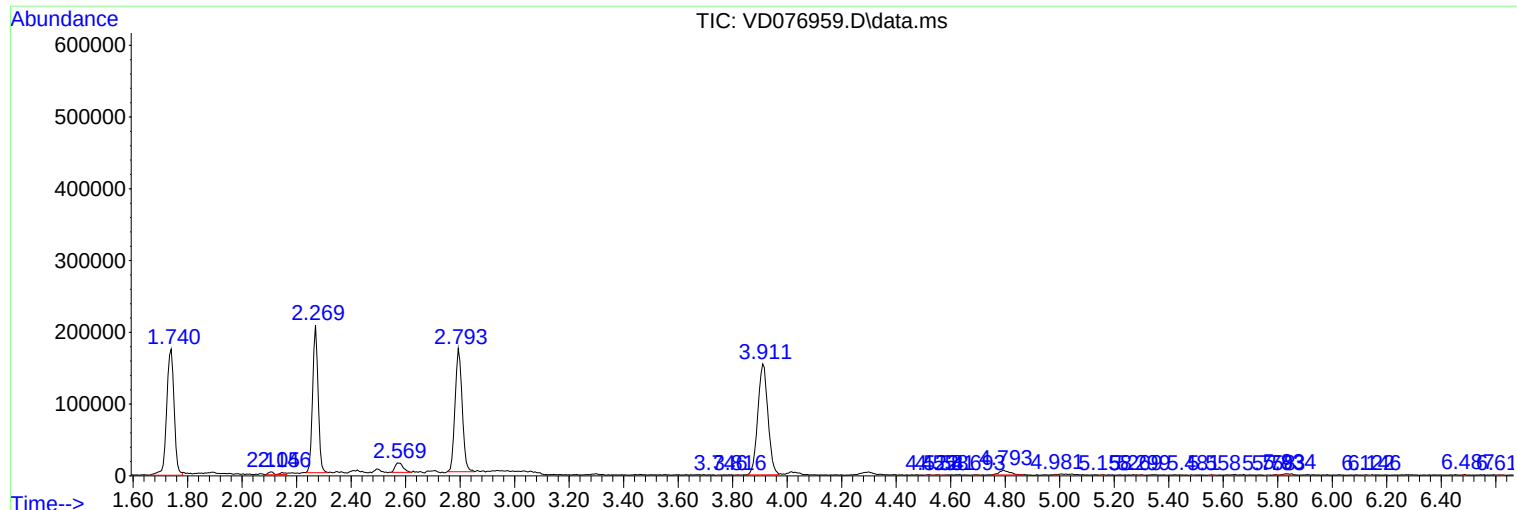
Sum of corrected areas: 9238881

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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VBLK142

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081023\  
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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0

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

No Library Search Compounds Detected

\*\*\*\*\*

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0

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

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