

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
 Data File : VW018832.D  
 Acq On : 28 Apr 2021 19:56  
 Operator : SY/VA  
 Sample : VIBLK127  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK127

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\_W\Method\SFAMWLM041421SMA.M  
 Title : SFAM01.0

Signal : TIC: VW018832.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         | 1.995       | 13            | 15          | 17           | rVB2     | 1163           | 1049          | 0.04%           | 0.007%        |
| 2         | 2.154       | 36            | 41          | 48           | rBV      | 15577          | 37567         | 1.57%           | 0.236%        |
| 3         | 2.355       | 67            | 74          | 87           | rVV      | 124583         | 260441        | 10.86%          | 1.634%        |
| 4         | 2.446       | 87            | 89          | 90           | rVB2     | 1333           | 763           | 0.03%           | 0.005%        |
| 5         | 2.495       | 95            | 97          | 99           | rBV3     | 1117           | 904           | 0.04%           | 0.006%        |
| 6         | 2.519       | 99            | 101         | 103          | rBV3     | 1052           | 511           | 0.02%           | 0.003%        |
| 7         | 2.666       | 119           | 125         | 127          | rBV6     | 2399           | 4552          | 0.19%           | 0.029%        |
| 8         | 2.751       | 138           | 139         | 141          | rBV2     | 1015           | 1028          | 0.04%           | 0.006%        |
| 9         | 2.776       | 141           | 143         | 145          | rVB3     | 1478           | 929           | 0.04%           | 0.006%        |
| 10        | 2.891       | 154           | 162         | 175          | rBV      | 86712          | 217166        | 9.05%           | 1.363%        |
| 11        | 3.074       | 191           | 192         | 194          | rBV      | 1048           | 963           | 0.04%           | 0.006%        |
| 12        | 3.105       | 196           | 197         | 198          | rBV      | 1341           | 814           | 0.03%           | 0.005%        |
| 13        | 3.257       | 220           | 222         | 227          | rVB3     | 654            | 834           | 0.03%           | 0.005%        |
| 14        | 3.391       | 237           | 244         | 252          | rBV6     | 1880           | 5296          | 0.22%           | 0.033%        |
| 15        | 3.562       | 268           | 272         | 274          | rBV4     | 556            | 661           | 0.03%           | 0.004%        |
| 16        | 4.025       | 335           | 348         | 372          | rBV      | 193174         | 636875        | 26.55%          | 3.997%        |
| 17        | 4.178       | 372           | 373         | 381          | rVB5     | 1292           | 1551          | 0.06%           | 0.010%        |
| 18        | 4.422       | 399           | 413         | 428          | rBV2     | 13695          | 57932         | 2.41%           | 0.364%        |
| 19        | 4.586       | 439           | 440         | 443          | rBV3     | 389            | 445           | 0.02%           | 0.003%        |
| 20        | 4.659       | 449           | 452         | 454          | rBV4     | 445            | 486           | 0.02%           | 0.003%        |
| 21        | 4.739       | 463           | 465         | 468          | rVB3     | 580            | 645           | 0.03%           | 0.004%        |
| 22        | 4.915       | 480           | 494         | 516          | rBV2     | 46336          | 171940        | 7.17%           | 1.079%        |
| 23        | 5.171       | 529           | 536         | 537          | rVV3     | 1607           | 2235          | 0.09%           | 0.014%        |
| 24        | 5.202       | 537           | 541         | 546          | rVV5     | 1343           | 3020          | 0.13%           | 0.019%        |
| 25        | 5.245       | 546           | 548         | 551          | rVV4     | 483            | 598           | 0.02%           | 0.004%        |
| 26        | 5.409       | 572           | 575         | 576          | rBV2     | 1209           | 1468          | 0.06%           | 0.009%        |
| 27        | 5.421       | 576           | 577         | 589          | rVV6     | 1932           | 3982          | 0.17%           | 0.025%        |
| 28        | 5.763       | 622           | 633         | 640          | rBV6     | 1634           | 5211          | 0.22%           | 0.033%        |
| 29        | 5.940       | 652           | 662         | 673          | rBV4     | 8700           | 25909         | 1.08%           | 0.163%        |
| 30        | 6.220       | 702           | 708         | 711          | rBV4     | 283            | 519           | 0.02%           | 0.003%        |
| 31        | 6.275       | 714           | 717         | 720          | rBV3     | 391            | 481           | 0.02%           | 0.003%        |
| 32        | 6.476       | 747           | 750         | 753          | rBV2     | 306            | 461           | 0.02%           | 0.003%        |
| 33        | 6.537       | 757           | 760         | 765          | rVB2     | 316            | 482           | 0.02%           | 0.003%        |
| 34        | 6.927       | 815           | 824         | 827          | rBV6     | 1308           | 2800          | 0.12%           | 0.018%        |
| 35        | 7.080       | 841           | 849         | 854          | rBV      | 59649          | 157851        | 6.58%           | 0.991%        |
| 36        | 7.141       | 854           | 859         | 874          | rVB      | 53711          | 150858        | 6.29%           | 0.947%        |

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 Sample : VIBLK127  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VIBLK127

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\_W\Method\SFAMWLM041421SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.250  | 874  | 877  | 880  | rBV4 | 953    | 1467    | 0.06%   | 0.009%  |
| 38 | 7.452  | 906  | 910  | 911  | rBV3 | 369    | 480     | 0.02%   | 0.003%  |
| 39 | 7.494  | 913  | 917  | 918  | rBV2 | 679    | 616     | 0.03%   | 0.004%  |
| 40 | 7.525  | 918  | 922  | 925  | rVB5 | 527    | 828     | 0.03%   | 0.005%  |
| 41 | 7.653  | 932  | 943  | 954  | rBV  | 292060 | 721955  | 30.09%  | 4.531%  |
| 42 | 7.775  | 962  | 963  | 968  | rVB5 | 833    | 1006    | 0.04%   | 0.006%  |
| 43 | 7.811  | 968  | 969  | 973  | rVB2 | 508    | 488     | 0.02%   | 0.003%  |
| 44 | 7.854  | 973  | 976  | 977  | rBV  | 441    | 507     | 0.02%   | 0.003%  |
| 45 | 7.872  | 977  | 979  | 984  | rVB4 | 834    | 1269    | 0.05%   | 0.008%  |
| 46 | 7.951  | 984  | 992  | 1000 | rVB9 | 2857   | 8287    | 0.35%   | 0.052%  |
| 47 | 8.018  | 1000 | 1003 | 1004 | rBV2 | 660    | 666     | 0.03%   | 0.004%  |
| 48 | 8.073  | 1009 | 1012 | 1018 | rVB6 | 1535   | 3004    | 0.13%   | 0.019%  |
| 49 | 8.159  | 1020 | 1026 | 1030 | rBV5 | 1089   | 2252    | 0.09%   | 0.014%  |
| 50 | 8.268  | 1031 | 1044 | 1062 | rBV3 | 731819 | 2399068 | 100.00% | 15.055% |
| 51 | 8.390  | 1062 | 1064 | 1065 | rVV2 | 1848   | 1530    | 0.06%   | 0.010%  |
| 52 | 8.409  | 1065 | 1067 | 1070 | rVB4 | 1568   | 1629    | 0.07%   | 0.010%  |
| 53 | 8.567  | 1090 | 1093 | 1094 | rBV2 | 1003   | 996     | 0.04%   | 0.006%  |
| 54 | 8.585  | 1094 | 1096 | 1099 | rVV4 | 615    | 814     | 0.03%   | 0.005%  |
| 55 | 8.616  | 1099 | 1101 | 1106 | rVV4 | 682    | 1128    | 0.05%   | 0.007%  |
| 56 | 8.689  | 1108 | 1113 | 1121 | rVB9 | 1668   | 3980    | 0.17%   | 0.025%  |
| 57 | 8.774  | 1124 | 1127 | 1128 | rBV3 | 775    | 598     | 0.02%   | 0.004%  |
| 58 | 8.841  | 1129 | 1138 | 1151 | rVV  | 642914 | 1253245 | 52.24%  | 7.865%  |
| 59 | 9.000  | 1162 | 1164 | 1168 | rBV4 | 695    | 774     | 0.03%   | 0.005%  |
| 60 | 9.043  | 1169 | 1171 | 1173 | rVV3 | 450    | 524     | 0.02%   | 0.003%  |
| 61 | 9.085  | 1173 | 1178 | 1187 | rVV3 | 3296   | 7630    | 0.32%   | 0.048%  |
| 62 | 9.274  | 1200 | 1209 | 1217 | rBV  | 389278 | 794657  | 33.12%  | 4.987%  |
| 63 | 9.451  | 1237 | 1238 | 1239 | rBV  | 772    | 509     | 0.02%   | 0.003%  |
| 64 | 9.530  | 1250 | 1251 | 1254 | rVB3 | 804    | 645     | 0.03%   | 0.004%  |
| 65 | 9.585  | 1259 | 1260 | 1263 | rBV3 | 1123   | 1009    | 0.04%   | 0.006%  |
| 66 | 9.646  | 1265 | 1270 | 1272 | rBV5 | 1725   | 2042    | 0.09%   | 0.013%  |
| 67 | 9.671  | 1272 | 1274 | 1275 | rBV2 | 736    | 475     | 0.02%   | 0.003%  |
| 68 | 9.762  | 1278 | 1289 | 1296 | rBV2 | 12023  | 26824   | 1.12%   | 0.168%  |
| 69 | 9.896  | 1301 | 1311 | 1320 | rBV2 | 28164  | 69865   | 2.91%   | 0.438%  |
| 70 | 9.969  | 1320 | 1323 | 1324 | rVV3 | 3586   | 4599    | 0.19%   | 0.029%  |
| 71 | 9.988  | 1324 | 1326 | 1327 | rVV2 | 3897   | 3759    | 0.16%   | 0.024%  |
| 72 | 10.036 | 1327 | 1334 | 1346 | rVB  | 222106 | 402232  | 16.77%  | 2.524%  |
| 73 | 10.146 | 1350 | 1352 | 1354 | rBV3 | 1013   | 1034    | 0.04%   | 0.006%  |
| 74 | 10.213 | 1358 | 1363 | 1365 | rBV  | 6713   | 11416   | 0.48%   | 0.072%  |
| 75 | 10.250 | 1365 | 1369 | 1373 | rVV  | 13068  | 21888   | 0.91%   | 0.137%  |
| 76 | 10.323 | 1373 | 1381 | 1388 | rVV  | 877294 | 1543160 | 64.32%  | 9.684%  |

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 Sample : VIBLK127  
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK127

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\_W\Method\SFAMWLM041421SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 10.390 | 1388 | 1392 | 1401 | rVB  | 17475  | 32297   | 1.35%  | 0.203% |
| 78  | 10.579 | 1417 | 1423 | 1434 | rVB  | 146260 | 255259  | 10.64% | 1.602% |
| 79  | 10.707 | 1436 | 1444 | 1451 | rBV  | 215976 | 389652  | 16.24% | 2.445% |
| 80  | 10.774 | 1452 | 1455 | 1459 | rVB6 | 4167   | 6519    | 0.27%  | 0.041% |
| 81  | 10.811 | 1459 | 1461 | 1463 | rBV3 | 1548   | 1315    | 0.05%  | 0.008% |
| 82  | 10.847 | 1463 | 1467 | 1473 | rVB6 | 8460   | 15837   | 0.66%  | 0.099% |
| 83  | 10.926 | 1473 | 1480 | 1487 | rBV  | 227528 | 390722  | 16.29% | 2.452% |
| 84  | 11.067 | 1497 | 1503 | 1508 | rBV  | 23778  | 43852   | 1.83%  | 0.275% |
| 85  | 11.176 | 1517 | 1521 | 1526 | rVB3 | 13445  | 19777   | 0.82%  | 0.124% |
| 86  | 11.439 | 1555 | 1564 | 1570 | rBV2 | 142110 | 258200  | 10.76% | 1.620% |
| 87  | 11.634 | 1588 | 1596 | 1608 | rBV  | 883439 | 1506390 | 62.79% | 9.453% |
| 88  | 12.609 | 1749 | 1756 | 1762 | rBV2 | 154792 | 292489  | 12.19% | 1.835% |
| 89  | 12.694 | 1764 | 1770 | 1776 | rVB  | 335318 | 563958  | 23.51% | 3.539% |
| 90  | 12.932 | 1806 | 1809 | 1812 | rBV3 | 14675  | 25910   | 1.08%  | 0.163% |
| 91  | 12.963 | 1812 | 1814 | 1820 | rVB  | 23857  | 35492   | 1.48%  | 0.223% |
| 92  | 13.194 | 1848 | 1852 | 1855 | rBV  | 13739  | 19915   | 0.83%  | 0.125% |
| 93  | 13.292 | 1864 | 1868 | 1874 | rBV  | 48814  | 79920   | 3.33%  | 0.502% |
| 94  | 13.408 | 1884 | 1887 | 1890 | rVB4 | 11181  | 13609   | 0.57%  | 0.085% |
| 95  | 13.463 | 1894 | 1896 | 1897 | rBV2 | 8104   | 6491    | 0.27%  | 0.041% |
| 96  | 13.560 | 1905 | 1912 | 1918 | rBV  | 909680 | 1478923 | 61.65% | 9.281% |
| 97  | 13.761 | 1942 | 1945 | 1949 | rBV4 | 14606  | 18873   | 0.79%  | 0.118% |
| 98  | 13.853 | 1954 | 1960 | 1966 | rBV  | 731913 | 1214392 | 50.62% | 7.621% |
| 99  | 14.066 | 1991 | 1995 | 2006 | rVB  | 72651  | 142395  | 5.94%  | 0.894% |
| 100 | 15.432 | 2215 | 2219 | 2224 | rVB  | 37898  | 65038   | 2.71%  | 0.408% |

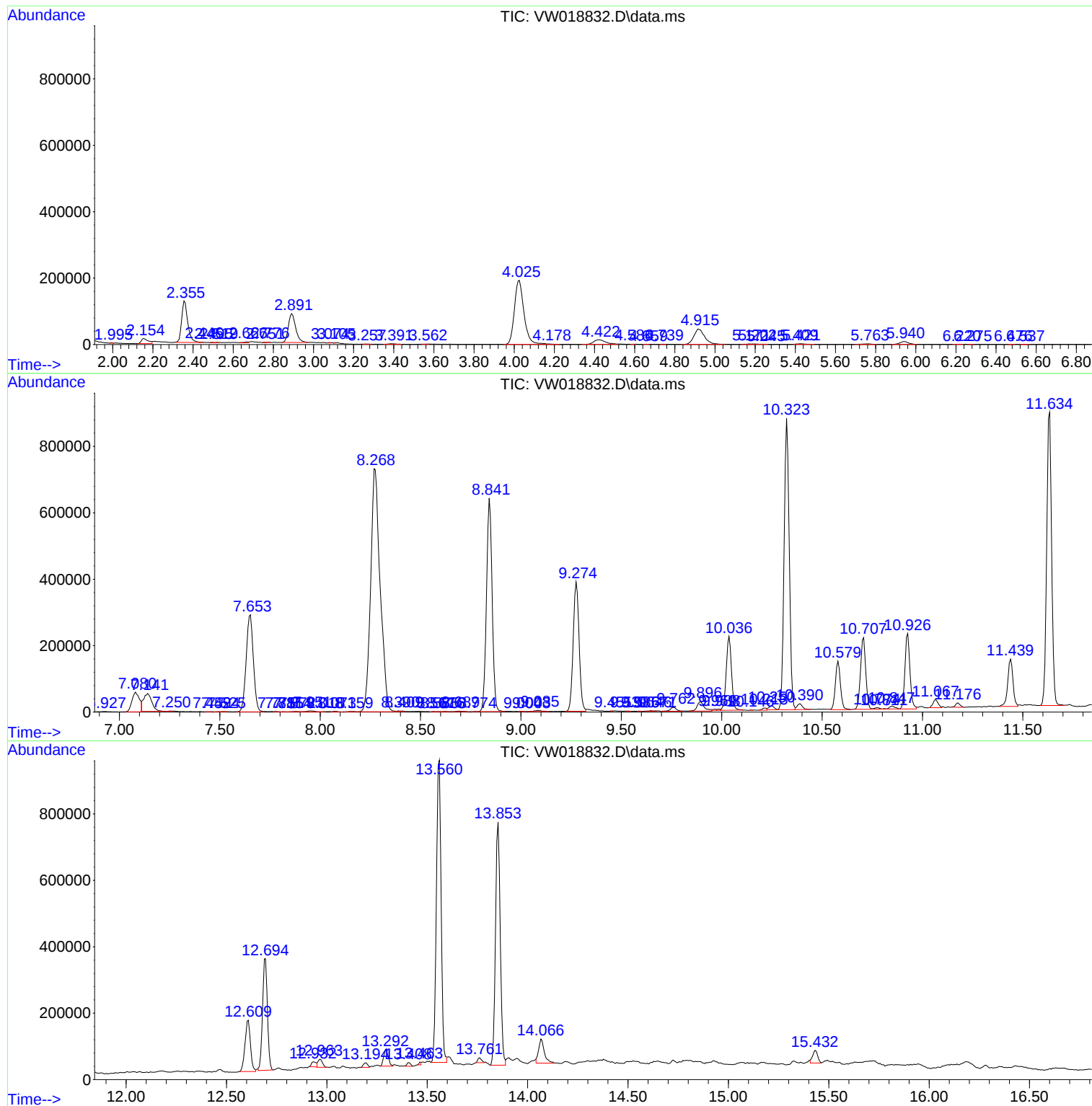
Sum of corrected areas: 15935307

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Sample : VIBLK127  
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK127

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
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Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VIBLK127

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0

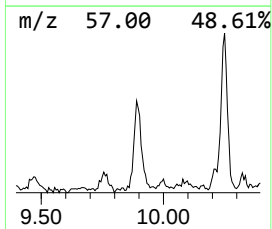
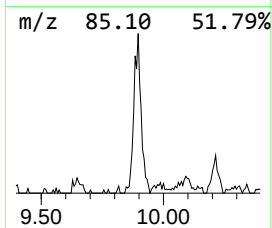
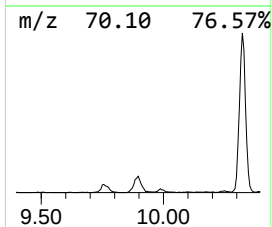
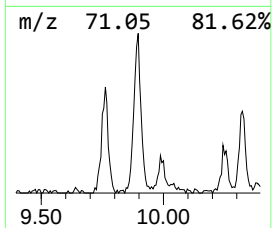
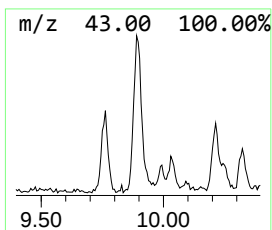
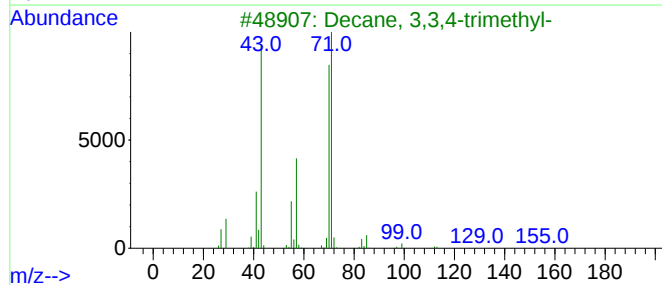
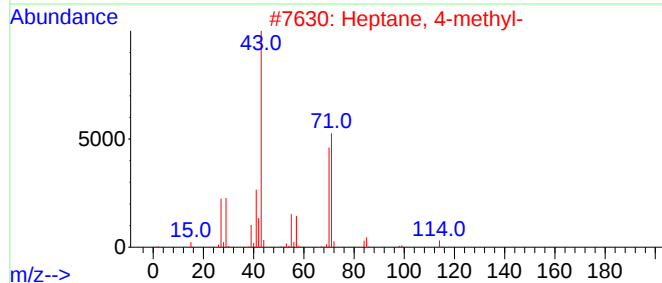
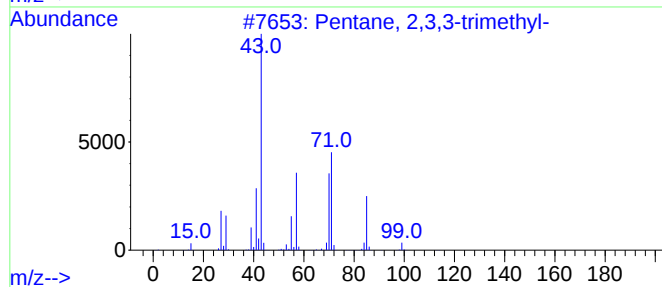
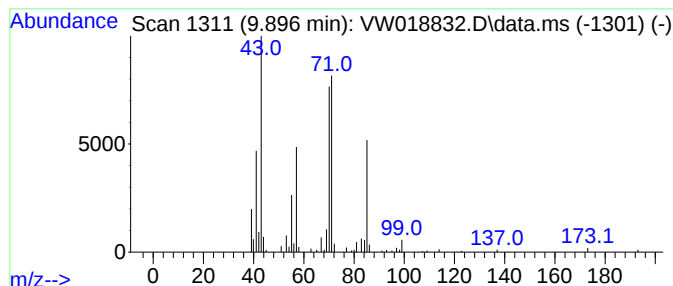
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 9.896 | 1.39 ug/L | 69865 | 1,4-Difluorobenzene | 8.841 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 90   |
| 2         | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 59   |
| 3         | Decane, 3,3,4-trimethyl-  | 184 | C13H28  | 049622-18-6 | 59   |
| 4         | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 53   |
| 5         | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 53   |



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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK127

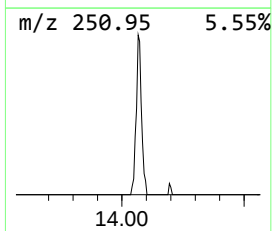
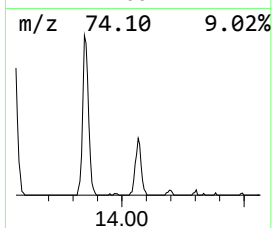
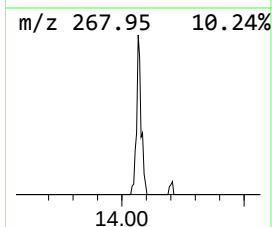
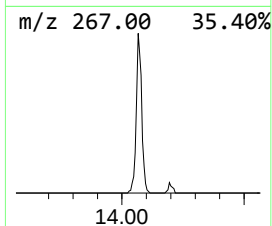
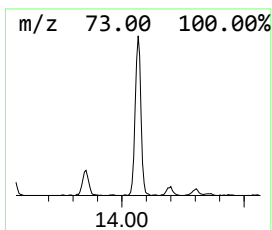
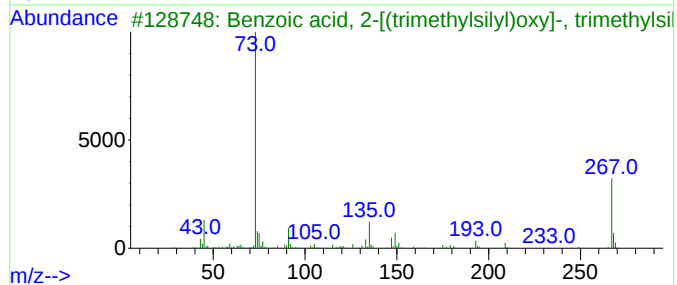
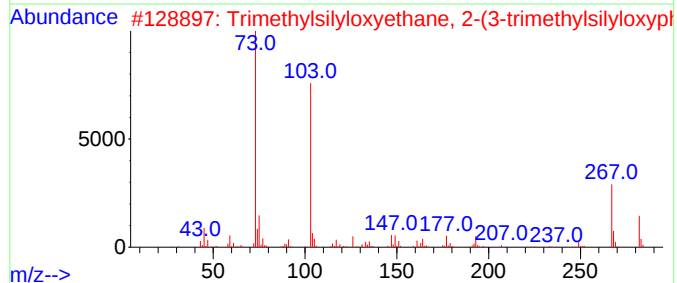
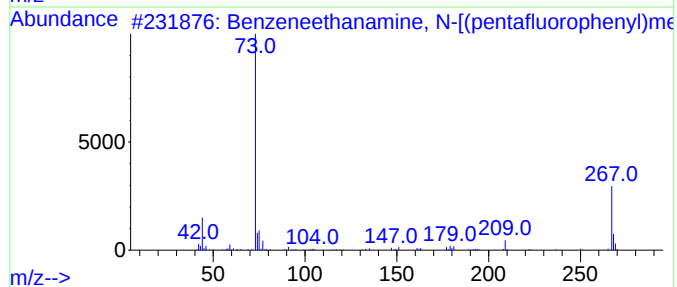
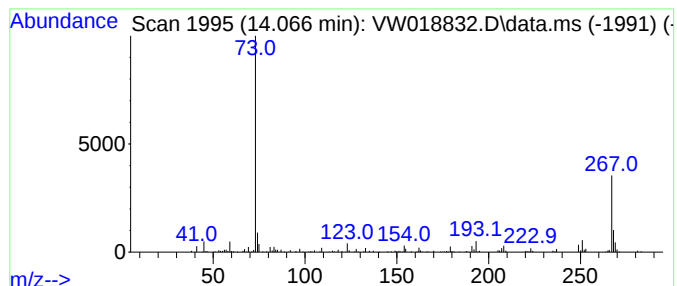
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 unknown-01 Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.066 | 2.41 ug/L | 142395 | 1,4-Dichlorobenzene-d4 | 13.560 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm        | CAS#         | Qual |
|------|----|---|---------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | Benzeneethanamine, N-[(pentafluoro... | 475 | C21H26F5NO2Si2 | 055429-85-1  | 42   |
| 2    |    |   | Trimethylsilyloxyethane, 2-(3-tr...   | 282 | C14H26O2Si2    | 1000365-49-0 | 36   |
| 3    |    |   | Benzoic acid, 2-[(trimethylsilyl...   | 282 | C13H22O3Si2    | 003789-85-3  | 36   |
| 4    |    |   | Benzoic acid, 2-[(trimethylsilyl...   | 282 | C13H22O3Si2    | 003789-85-3  | 28   |
| 5    |    |   | 4-Methylcatechol, bis(trimethyls...   | 268 | C13H24O2Si2    | 1000332-79-9 | 14   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
Data File : VW018832.D  
Acq On : 28 Apr 2021 19:56  
Operator : SY/VA  
Sample : VIBLK127  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK127

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: S... | 9.896  | 1.4     | ug/L  | 69865    | 1                     | 8.841  | 1253250 | 25.0 |
| unknown-01         | 14.066 | 2.4     | ug/L  | 142395   | 3                     | 13.560 | 1478920 | 25.0 |