

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091923\  
 Data File : VW027153.D  
 Acq On : 19 Sep 2023 17:27  
 Operator : SY/MD  
 Sample : VIBLK514  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK514

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\SFAMWLM091823SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027153.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         | 2.180       | 46            | 48          | 50           | rBV3     | 1370           | 1199          | 0.05%           | 0.007%        |
| 2         | 2.222       | 51            | 55          | 56           | rBV4     | 4376           | 5006          | 0.22%           | 0.030%        |
| 3         | 2.363       | 71            | 78          | 91           | rBV      | 117803         | 296081        | 13.24%          | 1.750%        |
| 4         | 2.728       | 130           | 138         | 141          | rBV9     | 30351          | 76718         | 3.43%           | 0.453%        |
| 5         | 2.899       | 160           | 166         | 178          | rBV      | 136850         | 361707        | 16.18%          | 2.138%        |
| 6         | 3.277       | 225           | 228         | 231          | rVB5     | 1479           | 1899          | 0.08%           | 0.011%        |
| 7         | 3.314       | 231           | 234         | 235          | rBV3     | 1156           | 1200          | 0.05%           | 0.007%        |
| 8         | 3.387       | 243           | 246         | 252          | rBV8     | 2025           | 4065          | 0.18%           | 0.024%        |
| 9         | 3.533       | 267           | 270         | 272          | rBV3     | 1520           | 1600          | 0.07%           | 0.009%        |
| 10        | 3.582       | 276           | 278         | 281          | rBV4     | 1578           | 1491          | 0.07%           | 0.009%        |
| 11        | 3.673       | 289           | 293         | 295          | rBV5     | 1487           | 1904          | 0.09%           | 0.011%        |
| 12        | 3.814       | 314           | 316         | 318          | rVV3     | 1330           | 1226          | 0.05%           | 0.007%        |
| 13        | 3.905       | 329           | 331         | 334          | rVB4     | 1620           | 1791          | 0.08%           | 0.011%        |
| 14        | 4.021       | 337           | 350         | 375          | rBV      | 217769         | 751755        | 33.62%          | 4.443%        |
| 15        | 4.185       | 375           | 377         | 378          | rVV      | 2163           | 1516          | 0.07%           | 0.009%        |
| 16        | 4.210       | 378           | 381         | 384          | rVB5     | 1692           | 2196          | 0.10%           | 0.013%        |
| 17        | 4.393       | 403           | 411         | 422          | rVV      | 8312           | 26563         | 1.19%           | 0.157%        |
| 18        | 4.527       | 432           | 433         | 437          | rVB3     | 1772           | 1818          | 0.08%           | 0.011%        |
| 19        | 4.576       | 437           | 441         | 442          | rBV3     | 1184           | 1544          | 0.07%           | 0.009%        |
| 20        | 4.618       | 446           | 448         | 451          | rVB4     | 1225           | 1238          | 0.06%           | 0.007%        |
| 21        | 4.661       | 451           | 455         | 456          | rBV3     | 1314           | 1349          | 0.06%           | 0.008%        |
| 22        | 4.673       | 456           | 457         | 460          | rVB3     | 1803           | 1687          | 0.08%           | 0.010%        |
| 23        | 4.728       | 462           | 466         | 469          | rBV6     | 1073           | 1507          | 0.07%           | 0.009%        |
| 24        | 4.752       | 469           | 470         | 473          | rVB3     | 1585           | 1210          | 0.05%           | 0.007%        |
| 25        | 4.795       | 473           | 477         | 479          | rBV4     | 913            | 1422          | 0.06%           | 0.008%        |
| 26        | 4.917       | 485           | 497         | 514          | rBV2     | 53347          | 204538        | 9.15%           | 1.209%        |
| 27        | 5.033       | 514           | 516         | 520          | rVV4     | 2600           | 2614          | 0.12%           | 0.015%        |
| 28        | 5.118       | 528           | 530         | 533          | rBV4     | 1079           | 1558          | 0.07%           | 0.009%        |
| 29        | 5.149       | 533           | 535         | 538          | rVV4     | 1612           | 1783          | 0.08%           | 0.011%        |
| 30        | 5.374       | 570           | 572         | 575          | rVB4     | 1490           | 1485          | 0.07%           | 0.009%        |
| 31        | 5.460       | 582           | 586         | 590          | rBV6     | 1274           | 2074          | 0.09%           | 0.012%        |
| 32        | 5.606       | 607           | 610         | 612          | rVB4     | 1508           | 1419          | 0.06%           | 0.008%        |
| 33        | 5.831       | 644           | 647         | 651          | rVB6     | 925            | 1282          | 0.06%           | 0.008%        |
| 34        | 5.947       | 651           | 666         | 676          | rBV2     | 35639          | 113322        | 5.07%           | 0.670%        |
| 35        | 6.112       | 692           | 693         | 696          | rBV2     | 1282           | 1383          | 0.06%           | 0.008%        |
| 36        | 6.386       | 736           | 738         | 741          | rVB4     | 1131           | 1205          | 0.05%           | 0.007%        |

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 6.484  | 752  | 754  | 756  | rBV3 | 1233    | 1449    | 0.06%   | 0.009%  |
| 38 | 6.758  | 798  | 799  | 804  | rVB6 | 1472    | 1887    | 0.08%   | 0.011%  |
| 39 | 6.819  | 804  | 809  | 810  | rBV5 | 1165    | 1278    | 0.06%   | 0.008%  |
| 40 | 6.923  | 823  | 826  | 830  | rBV6 | 1571    | 1958    | 0.09%   | 0.012%  |
| 41 | 6.978  | 834  | 835  | 838  | rVB3 | 1631    | 1199    | 0.05%   | 0.007%  |
| 42 | 7.014  | 838  | 841  | 843  | rBV4 | 1334    | 1331    | 0.06%   | 0.008%  |
| 43 | 7.075  | 843  | 851  | 855  | rBV  | 46813   | 118844  | 5.31%   | 0.702%  |
| 44 | 7.136  | 856  | 861  | 871  | rVB  | 83806   | 218533  | 9.77%   | 1.292%  |
| 45 | 7.545  | 923  | 928  | 929  | rVV5 | 1584    | 2462    | 0.11%   | 0.015%  |
| 46 | 7.648  | 935  | 945  | 958  | rVV  | 355006  | 871381  | 38.97%  | 5.150%  |
| 47 | 7.752  | 961  | 962  | 965  | rVB3 | 2526    | 2062    | 0.09%   | 0.012%  |
| 48 | 7.801  | 967  | 970  | 975  | rVB6 | 1660    | 2283    | 0.10%   | 0.013%  |
| 49 | 7.837  | 975  | 976  | 980  | rVB4 | 1228    | 1329    | 0.06%   | 0.008%  |
| 50 | 7.935  | 990  | 992  | 994  | rVB3 | 1542    | 1325    | 0.06%   | 0.008%  |
| 51 | 8.136  | 1023 | 1025 | 1027 | rBV3 | 1514    | 1511    | 0.07%   | 0.009%  |
| 52 | 8.276  | 1033 | 1048 | 1064 | rBV2 | 770057  | 2236136 | 100.00% | 13.216% |
| 53 | 8.465  | 1078 | 1079 | 1084 | rVB5 | 1510    | 1214    | 0.05%   | 0.007%  |
| 54 | 8.630  | 1104 | 1106 | 1108 | rVB4 | 1581    | 1290    | 0.06%   | 0.008%  |
| 55 | 8.672  | 1110 | 1113 | 1114 | rBV2 | 1576    | 1464    | 0.07%   | 0.009%  |
| 56 | 8.843  | 1132 | 1141 | 1150 | rBV  | 624781  | 1228059 | 54.92%  | 7.258%  |
| 57 | 9.069  | 1172 | 1178 | 1179 | rBV6 | 2849    | 4372    | 0.20%   | 0.026%  |
| 58 | 9.197  | 1197 | 1199 | 1202 | rBV4 | 1862    | 2107    | 0.09%   | 0.012%  |
| 59 | 9.276  | 1202 | 1212 | 1228 | rBV  | 461593  | 962400  | 43.04%  | 5.688%  |
| 60 | 9.410  | 1233 | 1234 | 1239 | rVV4 | 1697    | 1938    | 0.09%   | 0.011%  |
| 61 | 9.447  | 1239 | 1240 | 1243 | rVV3 | 1179    | 1253    | 0.06%   | 0.007%  |
| 62 | 9.477  | 1243 | 1245 | 1249 | rVV5 | 1221    | 1571    | 0.07%   | 0.009%  |
| 63 | 9.581  | 1258 | 1262 | 1263 | rBV4 | 809     | 1240    | 0.06%   | 0.007%  |
| 64 | 9.611  | 1265 | 1267 | 1270 | rVB4 | 1507    | 1356    | 0.06%   | 0.008%  |
| 65 | 9.642  | 1270 | 1272 | 1274 | rBV3 | 1468    | 1330    | 0.06%   | 0.008%  |
| 66 | 9.819  | 1298 | 1301 | 1304 | rVB5 | 1426    | 1925    | 0.09%   | 0.011%  |
| 67 | 9.892  | 1308 | 1313 | 1314 | rBV4 | 1142    | 1509    | 0.07%   | 0.009%  |
| 68 | 9.971  | 1323 | 1326 | 1329 | rBV5 | 1867    | 2438    | 0.11%   | 0.014%  |
| 69 | 10.032 | 1329 | 1336 | 1348 | rVV  | 238150  | 430693  | 19.26%  | 2.545%  |
| 70 | 10.209 | 1362 | 1365 | 1370 | rBV6 | 1713    | 2082    | 0.09%   | 0.012%  |
| 71 | 10.325 | 1375 | 1384 | 1392 | rBV  | 1058686 | 1894856 | 84.74%  | 11.199% |
| 72 | 10.501 | 1407 | 1413 | 1418 | rBV9 | 3737    | 7628    | 0.34%   | 0.045%  |
| 73 | 10.575 | 1418 | 1425 | 1436 | rVV  | 149577  | 270240  | 12.09%  | 1.597%  |
| 74 | 10.703 | 1438 | 1446 | 1455 | rBV  | 86213   | 162626  | 7.27%   | 0.961%  |
| 75 | 10.843 | 1465 | 1469 | 1476 | rVB7 | 5603    | 10062   | 0.45%   | 0.059%  |
| 76 | 10.922 | 1476 | 1482 | 1497 | rBV2 | 164808  | 312162  | 13.96%  | 1.845%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK514

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\SFAMWLM091823SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |         |         |        |         |
|-----|--------|------|------|------|------|---------|---------|--------|---------|
| 77  | 11.062 | 1499 | 1505 | 1513 | rVV2 | 25394   | 46656   | 2.09%  | 0.276%  |
| 78  | 11.172 | 1519 | 1523 | 1529 | rVB9 | 4746    | 8271    | 0.37%  | 0.049%  |
| 79  | 11.221 | 1529 | 1531 | 1537 | rVB6 | 3512    | 6059    | 0.27%  | 0.036%  |
| 80  | 11.276 | 1537 | 1540 | 1544 | rBV6 | 7728    | 8714    | 0.39%  | 0.052%  |
| 81  | 11.318 | 1544 | 1547 | 1548 | rBV3 | 1513    | 1350    | 0.06%  | 0.008%  |
| 82  | 11.355 | 1551 | 1553 | 1555 | rVB3 | 1846    | 1206    | 0.05%  | 0.007%  |
| 83  | 11.434 | 1555 | 1566 | 1574 | rVB2 | 26377   | 52783   | 2.36%  | 0.312%  |
| 84  | 11.513 | 1574 | 1579 | 1580 | rBV5 | 1550    | 2134    | 0.10%  | 0.013%  |
| 85  | 11.629 | 1587 | 1598 | 1608 | rBV  | 903102  | 1504128 | 67.26% | 8.890%  |
| 86  | 11.836 | 1625 | 1632 | 1635 | rBV5 | 9443    | 20064   | 0.90%  | 0.119%  |
| 87  | 11.873 | 1635 | 1638 | 1639 | rBV3 | 9054    | 12236   | 0.55%  | 0.072%  |
| 88  | 12.440 | 1728 | 1731 | 1734 | rBV5 | 13004   | 21020   | 0.94%  | 0.124%  |
| 89  | 12.599 | 1752 | 1757 | 1764 | rVB2 | 67986   | 121587  | 5.44%  | 0.719%  |
| 90  | 12.690 | 1766 | 1772 | 1779 | rBV  | 429546  | 716878  | 32.06% | 4.237%  |
| 91  | 12.836 | 1792 | 1796 | 1798 | rBV4 | 11860   | 20397   | 0.91%  | 0.121%  |
| 92  | 13.196 | 1852 | 1855 | 1856 | rBV3 | 15110   | 15039   | 0.67%  | 0.089%  |
| 93  | 13.556 | 1907 | 1914 | 1925 | rVB2 | 1064508 | 1775161 | 79.39% | 10.492% |
| 94  | 13.848 | 1956 | 1962 | 1969 | rBV  | 1085064 | 1709729 | 76.46% | 10.105% |
| 95  | 13.952 | 1976 | 1979 | 1983 | rBV6 | 15841   | 30397   | 1.36%  | 0.180%  |
| 96  | 14.495 | 2065 | 2068 | 2072 | rBV4 | 15018   | 21860   | 0.98%  | 0.129%  |
| 97  | 14.720 | 2102 | 2105 | 2110 | rVB3 | 30093   | 43756   | 1.96%  | 0.259%  |
| 98  | 14.787 | 2112 | 2116 | 2119 | rBV  | 46860   | 73462   | 3.29%  | 0.434%  |
| 99  | 15.318 | 2199 | 2203 | 2206 | rBV3 | 24392   | 37108   | 1.66%  | 0.219%  |
| 100 | 15.708 | 2264 | 2267 | 2268 | rBV3 | 16663   | 16706   | 0.75%  | 0.099%  |

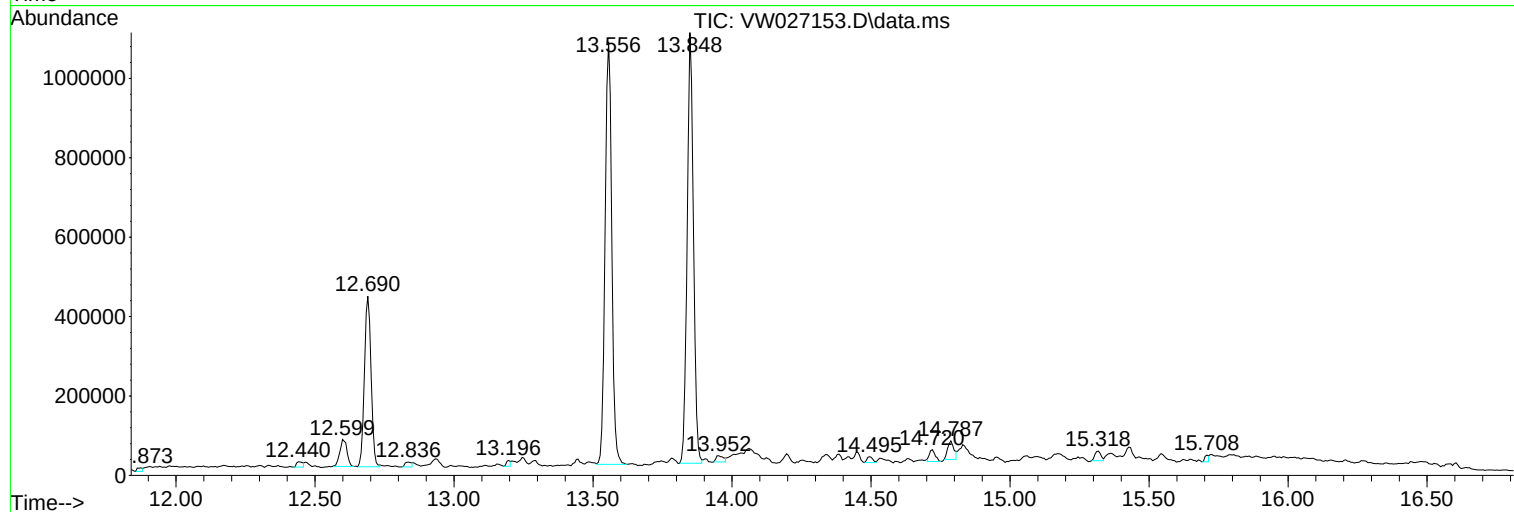
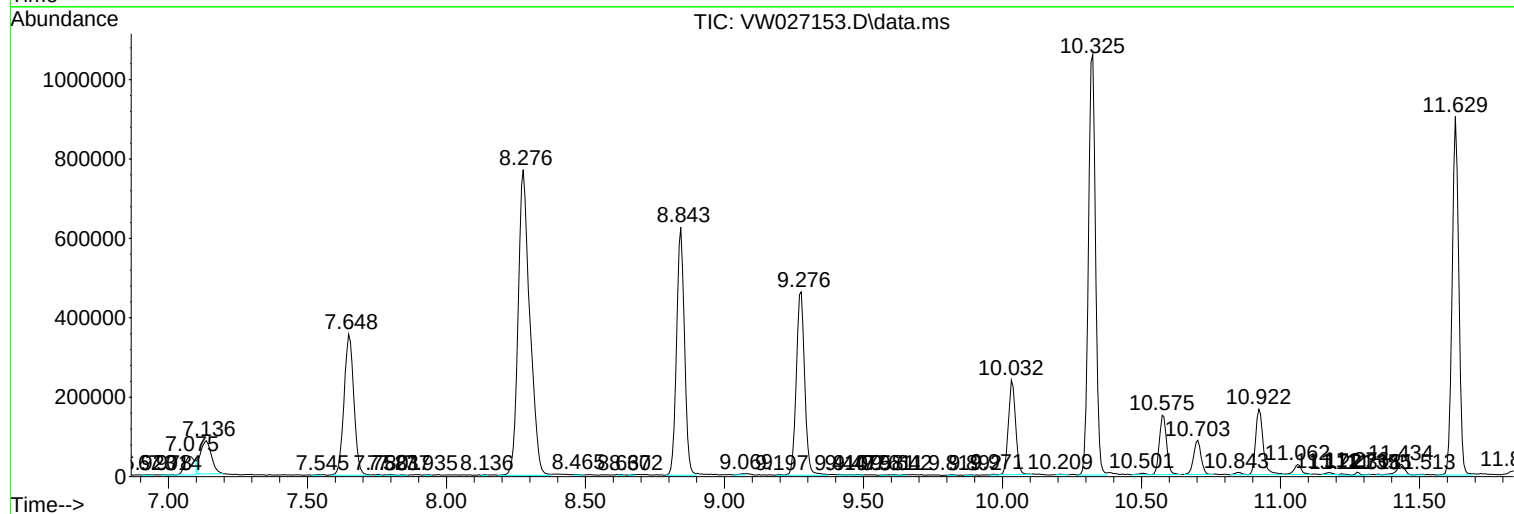
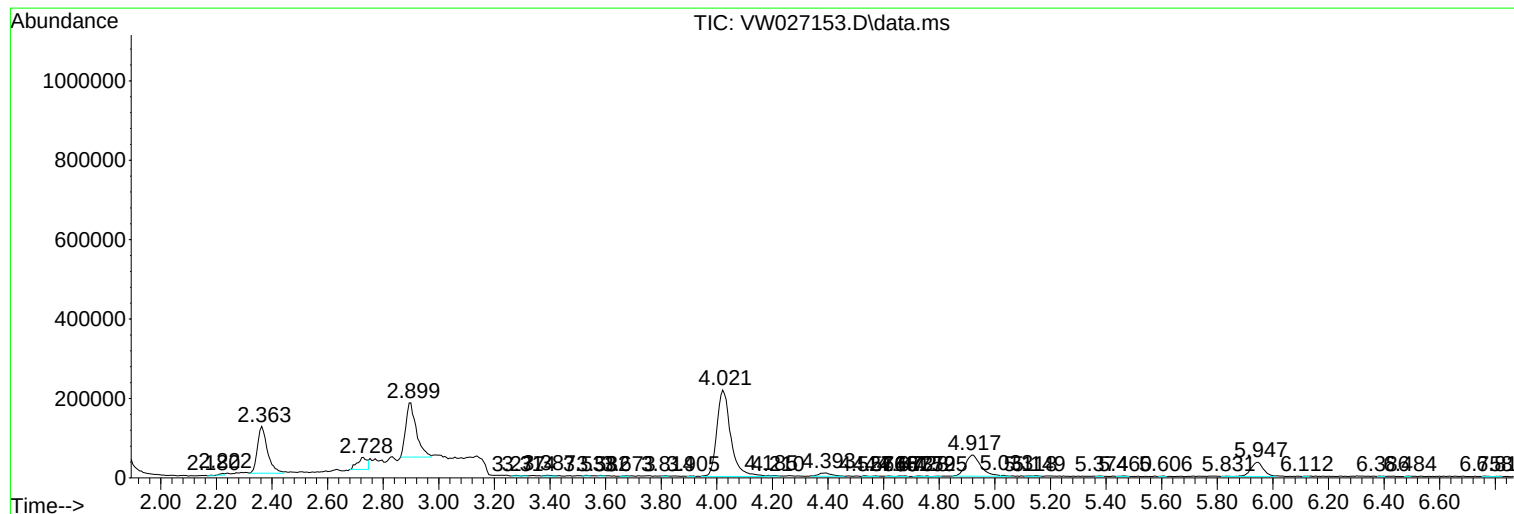
Sum of corrected areas: 16919839

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
Quant Title : SFAM01.0

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



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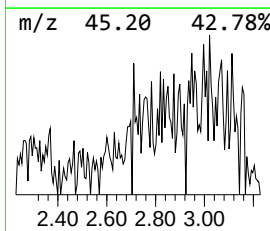
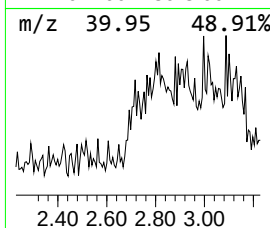
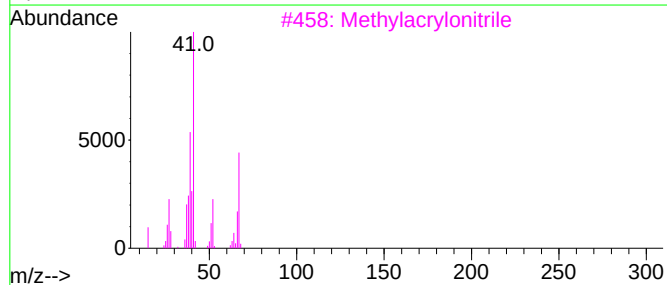
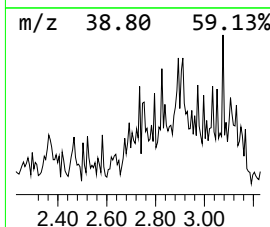
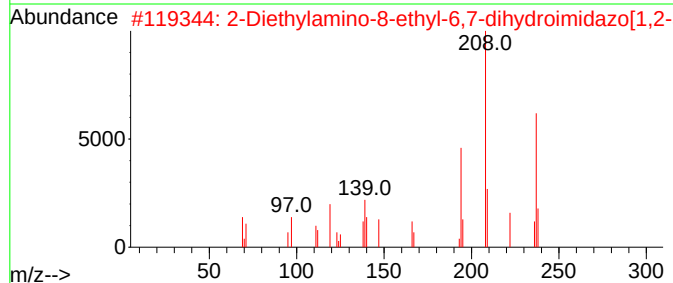
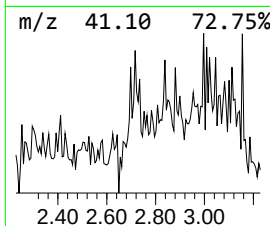
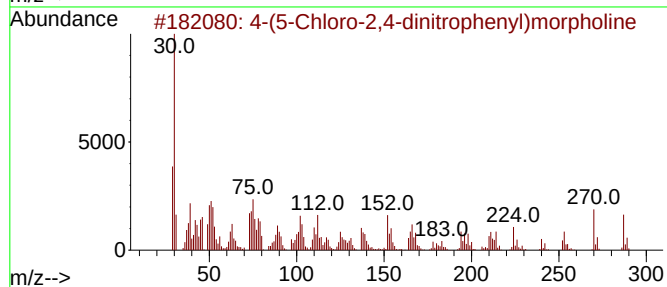
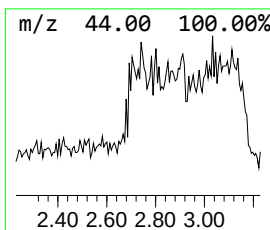
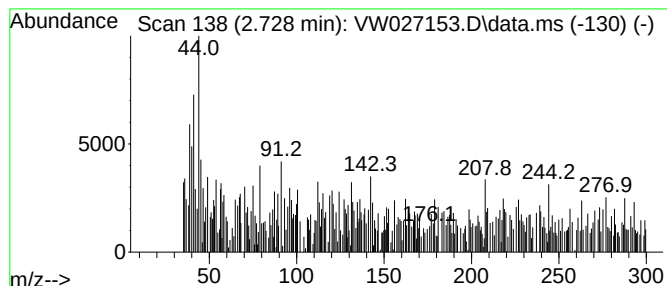
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 1 unknown-01 Concentration Rank 6

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.728 | 1.56 ug/L | 76718 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4-(5-Chloro-2,4-dinitrophenyl)mo... | 287 | C10H10ClN3O5 | 1000444-49-3 | 43      |      |      |
| 2    | 2-Diethylamino-8-ethyl-6,7-dihyd... | 237 | C11H19N5O    | 062915-46-2  | 42      |      |      |
| 3    | Methylacrylonitrile                 | 67  | C4H5N        | 000126-98-7  | 38      |      |      |
| 4    | 1,2-Benzenediol, 3-(1H-1,2,3,4-t... | 178 | C7H6N4O2     | 1000362-63-3 | 32      |      |      |
| 5    | Nordesipramine acetate              | 294 | C19H22N2O    | 040223-00-5  | 27      |      |      |



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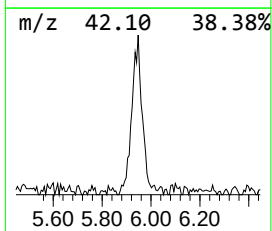
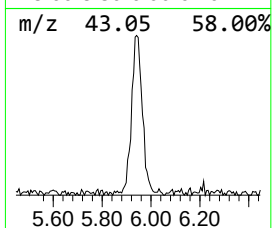
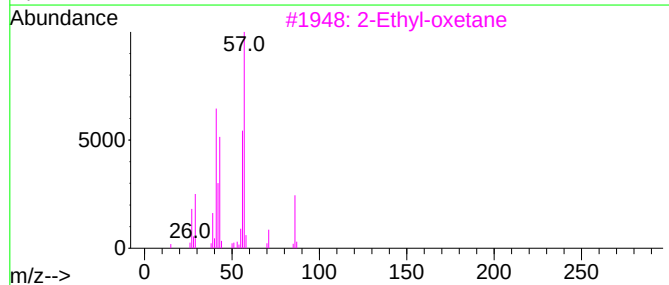
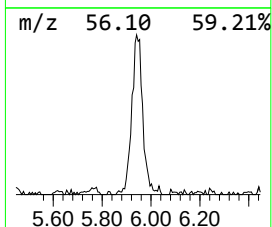
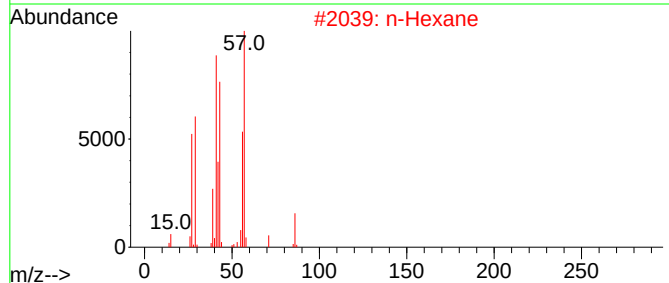
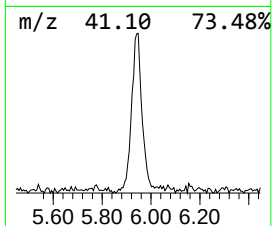
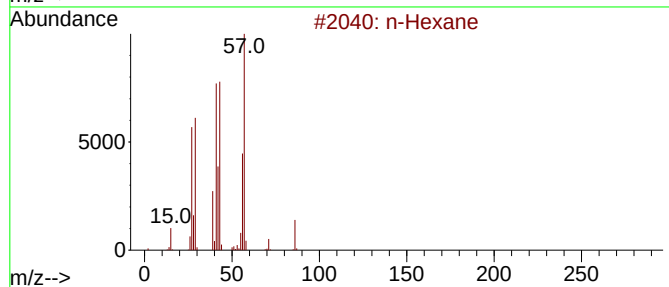
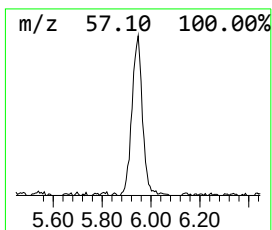
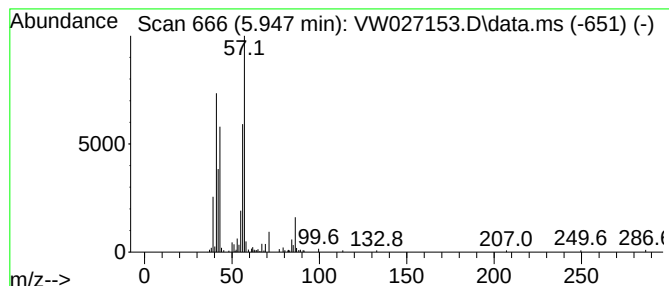
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 5.947 | 2.31 ug/L | 113322 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------|-----|---------|--------------|------|
| 1    |    |   | n-Hexane                     | 86  | C6H14   | 000110-54-3  | 86   |
| 2    |    |   | n-Hexane                     | 86  | C6H14   | 000110-54-3  | 80   |
| 3    |    |   | 2-Ethyl-oxetane              | 86  | C5H10O  | 1010386-40-2 | 78   |
| 4    |    |   | n-Hexane                     | 86  | C6H14   | 000110-54-3  | 78   |
| 5    |    |   | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22  | 001071-81-4  | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091923\  
Data File : VW027153.D  
Acq On : 19 Sep 2023 17:27  
Operator : SY/MD  
Sample : VIBLK514  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK514

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091823SMA.M  
Quant Title : SFAM01.0

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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01         | 2.728 | 1.6     | ug/L  | 76718    | 1                     | 8.843 | 1228060 | 25.0 |
| (DEL) Alkane: S... | 5.947 | 2.3     | ug/L  | 113322   | 1                     | 8.843 | 1228060 | 25.0 |