

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071522\  
 Data File : VW023779.D  
 Acq On : 16 Jul 2022 05:36  
 Operator : SY/VA  
 Sample : N3701-12  
 Misc : 5.86g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B85

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

Signal : TIC: VW023779.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         | 1.983       | 11            | 13          | 19           | rVB2     | 5119           | 7902          | 1.22%           | 0.159%        |
| 2         | 2.221       | 48            | 52          | 54           | rBV4     | 5458           | 8221          | 1.27%           | 0.166%        |
| 3         | 2.343       | 68            | 72          | 79           | rVB      | 66261          | 101174        | 15.66%          | 2.039%        |
| 4         | 2.873       | 154           | 159         | 166          | rVB2     | 48630          | 93885         | 14.53%          | 1.892%        |
| 5         | 3.489       | 258           | 260         | 263          | rBV4     | 1103           | 1379          | 0.21%           | 0.028%        |
| 6         | 3.599       | 275           | 278         | 280          | rBV4     | 1099           | 1326          | 0.21%           | 0.027%        |
| 7         | 3.739       | 298           | 301         | 303          | rVB3     | 1799           | 1802          | 0.28%           | 0.036%        |
| 8         | 3.769       | 303           | 306         | 308          | rBV4     | 1558           | 1603          | 0.25%           | 0.032%        |
| 9         | 3.818       | 308           | 314         | 315          | rBV5     | 1546           | 2319          | 0.36%           | 0.047%        |
| 10        | 4.013       | 337           | 346         | 357          | rBV4     | 40765          | 120791        | 18.69%          | 2.434%        |
| 11        | 4.117       | 360           | 363         | 372          | rVB3     | 3971           | 10336         | 1.60%           | 0.208%        |
| 12        | 4.379       | 397           | 406         | 418          | rVB2     | 26769          | 89968         | 13.92%          | 1.813%        |
| 13        | 4.714       | 460           | 461         | 466          | rBV5     | 984            | 1284          | 0.20%           | 0.026%        |
| 14        | 4.903       | 484           | 492         | 493          | rBV5     | 9649           | 17037         | 2.64%           | 0.343%        |
| 15        | 5.013       | 509           | 510         | 514          | rBV4     | 1423           | 1739          | 0.27%           | 0.035%        |
| 16        | 5.415       | 574           | 576         | 578          | rBV2     | 1421           | 1333          | 0.21%           | 0.027%        |
| 17        | 5.726       | 623           | 627         | 630          | rBV6     | 1661           | 2399          | 0.37%           | 0.048%        |
| 18        | 5.781       | 634           | 636         | 639          | rVB4     | 1326           | 1279          | 0.20%           | 0.026%        |
| 19        | 5.933       | 655           | 661         | 667          | rBV10    | 2652           | 6740          | 1.04%           | 0.136%        |
| 20        | 6.031       | 672           | 677         | 680          | rBV7     | 1191           | 1877          | 0.29%           | 0.038%        |
| 21        | 6.183       | 698           | 702         | 706          | rVB6     | 1501           | 2209          | 0.34%           | 0.045%        |
| 22        | 6.232       | 707           | 710         | 714          | rVV6     | 2164           | 2738          | 0.42%           | 0.055%        |
| 23        | 6.311       | 721           | 723         | 728          | rVV6     | 895            | 1325          | 0.21%           | 0.027%        |
| 24        | 6.482       | 749           | 751         | 754          | rBV3     | 1094           | 1371          | 0.21%           | 0.028%        |
| 25        | 6.714       | 785           | 789         | 793          | rBV7     | 1263           | 2519          | 0.39%           | 0.051%        |
| 26        | 6.854       | 809           | 812         | 817          | rBV6     | 2316           | 4951          | 0.77%           | 0.100%        |
| 27        | 6.909       | 817           | 821         | 822          | rBV3     | 1229           | 1858          | 0.29%           | 0.037%        |
| 28        | 7.080       | 840           | 849         | 855          | rBV      | 19614          | 55764         | 8.63%           | 1.124%        |
| 29        | 7.153       | 856           | 861         | 872          | rVB2     | 14168          | 37349         | 5.78%           | 0.753%        |
| 30        | 7.647       | 930           | 942         | 953          | rBV      | 113459         | 280985        | 43.48%          | 5.663%        |
| 31        | 8.037       | 1003          | 1006        | 1008         | rBV4     | 1102           | 1307          | 0.20%           | 0.026%        |
| 32        | 8.189       | 1028          | 1031        | 1034         | rBV5     | 1549           | 2366          | 0.37%           | 0.048%        |
| 33        | 8.274       | 1034          | 1045        | 1058         | rVV2     | 211152         | 646272        | 100.00%         | 13.025%       |
| 34        | 8.695       | 1108          | 1114        | 1116         | rBV6     | 2335           | 3955          | 0.61%           | 0.080%        |
| 35        | 8.841       | 1129          | 1138        | 1151         | rVV      | 227383         | 457672        | 70.82%          | 9.224%        |
| 36        | 9.073       | 1168          | 1176        | 1184         | rVB      | 5691           | 15709         | 2.43%           | 0.317%        |

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Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |        |        |        |         |
|----|--------|------|------|------|-------|--------|--------|--------|---------|
| 37 | 9.274  | 1199 | 1209 | 1217 | rVV   | 151732 | 306748 | 47.46% | 6.182%  |
| 38 | 9.524  | 1248 | 1250 | 1254 | rVB5  | 1502   | 1596   | 0.25%  | 0.032%  |
| 39 | 9.671  | 1270 | 1274 | 1279 | rVV7  | 2237   | 4567   | 0.71%  | 0.092%  |
| 40 | 9.762  | 1283 | 1289 | 1292 | rBV7  | 2006   | 3142   | 0.49%  | 0.063%  |
| 41 | 9.884  | 1306 | 1309 | 1313 | rBV6  | 2585   | 3165   | 0.49%  | 0.064%  |
| 42 | 10.030 | 1327 | 1333 | 1340 | rVB   | 41440  | 73793  | 11.42% | 1.487%  |
| 43 | 10.122 | 1345 | 1348 | 1349 | rBV3  | 1931   | 2170   | 0.34%  | 0.044%  |
| 44 | 10.219 | 1362 | 1364 | 1366 | rVV3  | 1651   | 1697   | 0.26%  | 0.034%  |
| 45 | 10.250 | 1368 | 1369 | 1373 | rVB4  | 1353   | 1395   | 0.22%  | 0.028%  |
| 46 | 10.323 | 1373 | 1381 | 1388 | rBV   | 272157 | 463496 | 71.72% | 9.342%  |
| 47 | 10.384 | 1388 | 1391 | 1401 | rVV3  | 8140   | 16791  | 2.60%  | 0.338%  |
| 48 | 10.500 | 1405 | 1410 | 1417 | rBV10 | 3403   | 7094   | 1.10%  | 0.143%  |
| 49 | 10.573 | 1417 | 1422 | 1435 | rVB   | 31282  | 59669  | 9.23%  | 1.203%  |
| 50 | 10.701 | 1435 | 1443 | 1449 | rBV3  | 5320   | 10647  | 1.65%  | 0.215%  |
| 51 | 10.829 | 1460 | 1464 | 1465 | rBV3  | 1721   | 1975   | 0.31%  | 0.040%  |
| 52 | 10.926 | 1473 | 1480 | 1490 | rBV   | 77126  | 142469 | 22.04% | 2.871%  |
| 53 | 11.067 | 1495 | 1503 | 1508 | rBV4  | 9487   | 19178  | 2.97%  | 0.387%  |
| 54 | 11.164 | 1518 | 1519 | 1525 | rVB5  | 2111   | 2864   | 0.44%  | 0.058%  |
| 55 | 11.256 | 1532 | 1534 | 1538 | rBV4  | 1626   | 1273   | 0.20%  | 0.026%  |
| 56 | 11.432 | 1560 | 1563 | 1572 | rVB9  | 4204   | 7552   | 1.17%  | 0.152%  |
| 57 | 11.536 | 1577 | 1580 | 1582 | rBV4  | 1724   | 1802   | 0.28%  | 0.036%  |
| 58 | 11.628 | 1587 | 1595 | 1604 | rBV   | 331174 | 560039 | 86.66% | 11.287% |
| 59 | 11.731 | 1608 | 1612 | 1616 | rVB6  | 3189   | 6045   | 0.94%  | 0.122%  |
| 60 | 11.841 | 1621 | 1630 | 1636 | rBV4  | 8584   | 20557  | 3.18%  | 0.414%  |
| 61 | 11.957 | 1645 | 1649 | 1652 | rBV6  | 1656   | 2586   | 0.40%  | 0.052%  |
| 62 | 12.158 | 1678 | 1682 | 1686 | rVB6  | 3324   | 5625   | 0.87%  | 0.113%  |
| 63 | 12.323 | 1707 | 1709 | 1712 | rBV4  | 1563   | 1675   | 0.26%  | 0.034%  |
| 64 | 12.390 | 1719 | 1720 | 1725 | rVB5  | 1274   | 1715   | 0.27%  | 0.035%  |
| 65 | 12.432 | 1725 | 1727 | 1729 | rBV3  | 1584   | 1770   | 0.27%  | 0.036%  |
| 66 | 12.530 | 1738 | 1743 | 1746 | rBV6  | 1971   | 3303   | 0.51%  | 0.067%  |
| 67 | 12.573 | 1746 | 1750 | 1751 | rBV4  | 1817   | 2132   | 0.33%  | 0.043%  |
| 68 | 12.603 | 1751 | 1755 | 1760 | rVB5  | 7221   | 12361  | 1.91%  | 0.249%  |
| 69 | 12.688 | 1763 | 1769 | 1776 | rVV   | 127499 | 212612 | 32.90% | 4.285%  |
| 70 | 12.804 | 1786 | 1788 | 1789 | rBV2  | 1616   | 1253   | 0.19%  | 0.025%  |
| 71 | 12.865 | 1794 | 1798 | 1801 | rVV3  | 4597   | 8618   | 1.33%  | 0.174%  |
| 72 | 12.938 | 1805 | 1810 | 1815 | rVB8  | 8865   | 17749  | 2.75%  | 0.358%  |
| 73 | 13.036 | 1821 | 1826 | 1833 | rBV2  | 14127  | 24805  | 3.84%  | 0.500%  |
| 74 | 13.103 | 1833 | 1837 | 1843 | rVB8  | 2789   | 6005   | 0.93%  | 0.121%  |
| 75 | 13.194 | 1849 | 1852 | 1854 | rVB4  | 2981   | 3150   | 0.49%  | 0.063%  |
| 76 | 13.249 | 1855 | 1861 | 1866 | rBV2  | 13312  | 23940  | 3.70%  | 0.482%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B85

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |        |        |        |        |
|-----|--------|------|------|------|-------|--------|--------|--------|--------|
| 77  | 13.408 | 1882 | 1887 | 1891 | rVB7  | 4897   | 8692   | 1.34%  | 0.175% |
| 78  | 13.463 | 1893 | 1896 | 1898 | rBV4  | 5208   | 7148   | 1.11%  | 0.144% |
| 79  | 13.554 | 1905 | 1911 | 1926 | rVB   | 293575 | 485802 | 75.17% | 9.791% |
| 80  | 13.755 | 1940 | 1944 | 1951 | rBV9  | 4464   | 9455   | 1.46%  | 0.191% |
| 81  | 13.853 | 1953 | 1960 | 1972 | rVB   | 203942 | 347974 | 53.84% | 7.013% |
| 82  | 13.993 | 1980 | 1983 | 1986 | rBV5  | 2246   | 2764   | 0.43%  | 0.056% |
| 83  | 14.066 | 1991 | 1995 | 1997 | rBV3  | 4287   | 6558   | 1.01%  | 0.132% |
| 84  | 14.200 | 2014 | 2017 | 2018 | rBV3  | 1558   | 1644   | 0.25%  | 0.033% |
| 85  | 14.267 | 2025 | 2028 | 2033 | rVB7  | 1361   | 2341   | 0.36%  | 0.047% |
| 86  | 14.322 | 2033 | 2037 | 2039 | rBV5  | 3331   | 5102   | 0.79%  | 0.103% |
| 87  | 14.718 | 2099 | 2102 | 2106 | rVB5  | 5067   | 7698   | 1.19%  | 0.155% |
| 88  | 14.786 | 2107 | 2113 | 2114 | rBV5  | 2656   | 4340   | 0.67%  | 0.087% |
| 89  | 15.151 | 2170 | 2173 | 2175 | rBV4  | 1153   | 1607   | 0.25%  | 0.032% |
| 90  | 15.285 | 2193 | 2195 | 2197 | rVB3  | 1803   | 1679   | 0.26%  | 0.034% |
| 91  | 15.316 | 2197 | 2200 | 2202 | rVB4  | 2584   | 2608   | 0.40%  | 0.053% |
| 92  | 15.340 | 2202 | 2204 | 2205 | rBV2  | 1375   | 1294   | 0.20%  | 0.026% |
| 93  | 15.432 | 2215 | 2219 | 2222 | rVB5  | 3553   | 4988   | 0.77%  | 0.101% |
| 94  | 15.682 | 2254 | 2260 | 2265 | rBV10 | 2040   | 5699   | 0.88%  | 0.115% |
| 95  | 15.755 | 2269 | 2272 | 2273 | rVV3  | 1446   | 1513   | 0.23%  | 0.030% |
| 96  | 15.962 | 2301 | 2306 | 2309 | rBV7  | 1631   | 3438   | 0.53%  | 0.069% |
| 97  | 16.151 | 2334 | 2337 | 2339 | rBV4  | 1135   | 1338   | 0.21%  | 0.027% |
| 98  | 16.273 | 2354 | 2357 | 2362 | rVB6  | 1055   | 2169   | 0.34%  | 0.044% |
| 99  | 16.438 | 2381 | 2384 | 2388 | rVB5  | 1347   | 1855   | 0.29%  | 0.037% |
| 100 | 16.627 | 2412 | 2415 | 2419 | rBV6  | 1521   | 2205   | 0.34%  | 0.044% |

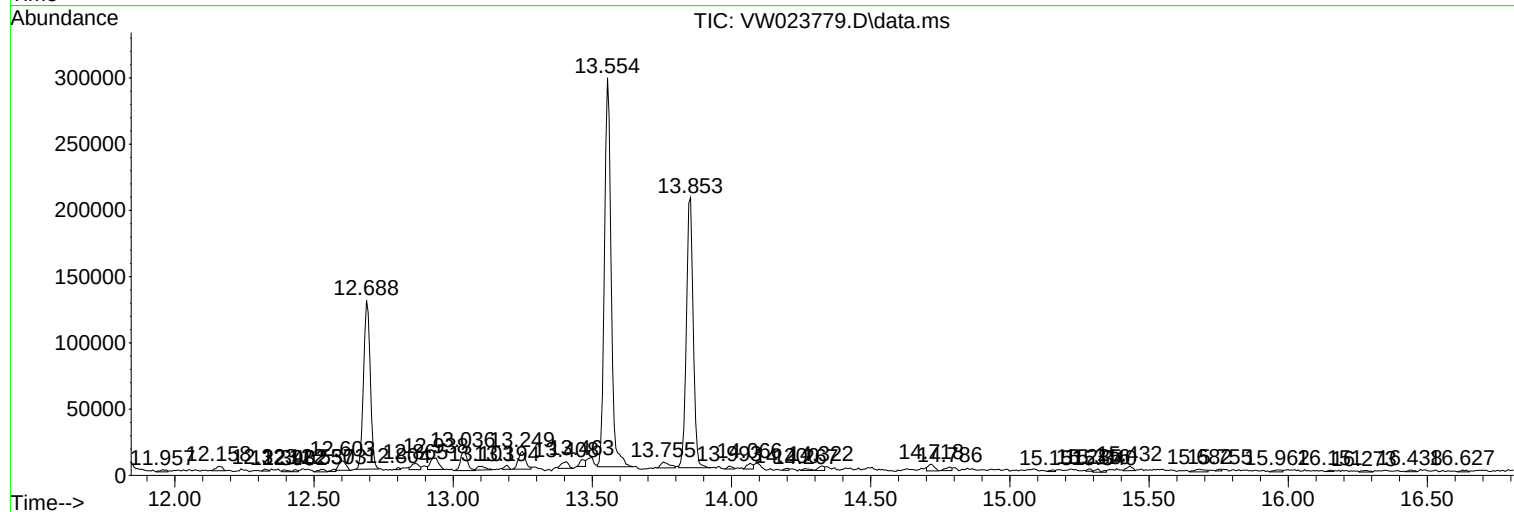
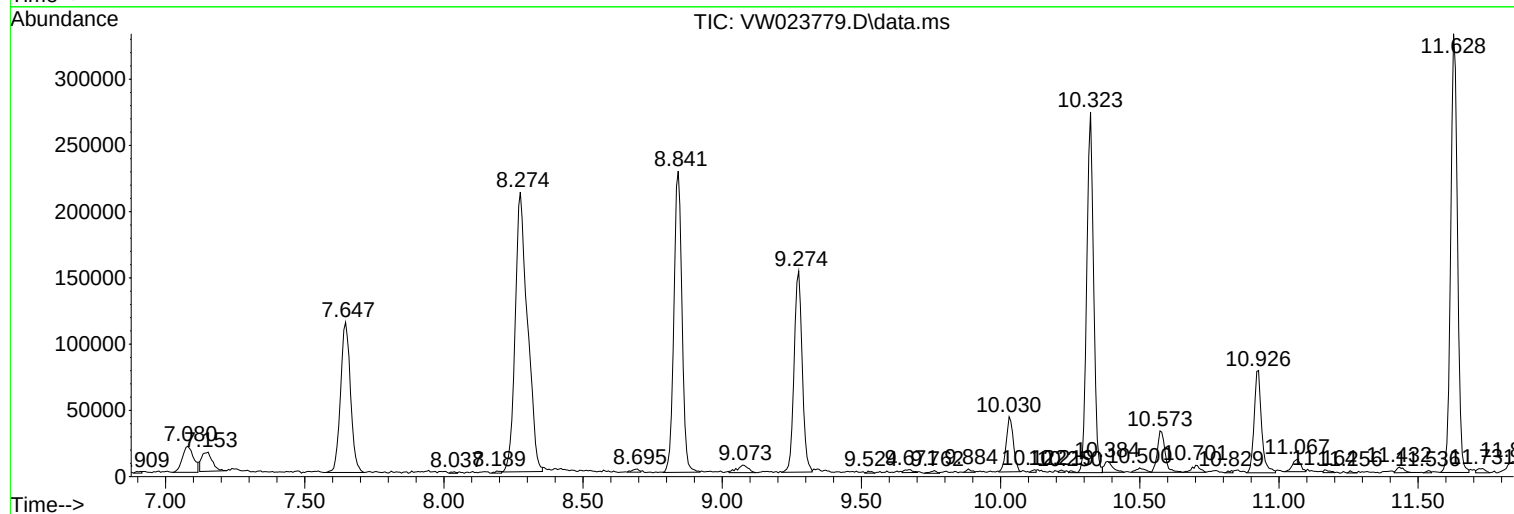
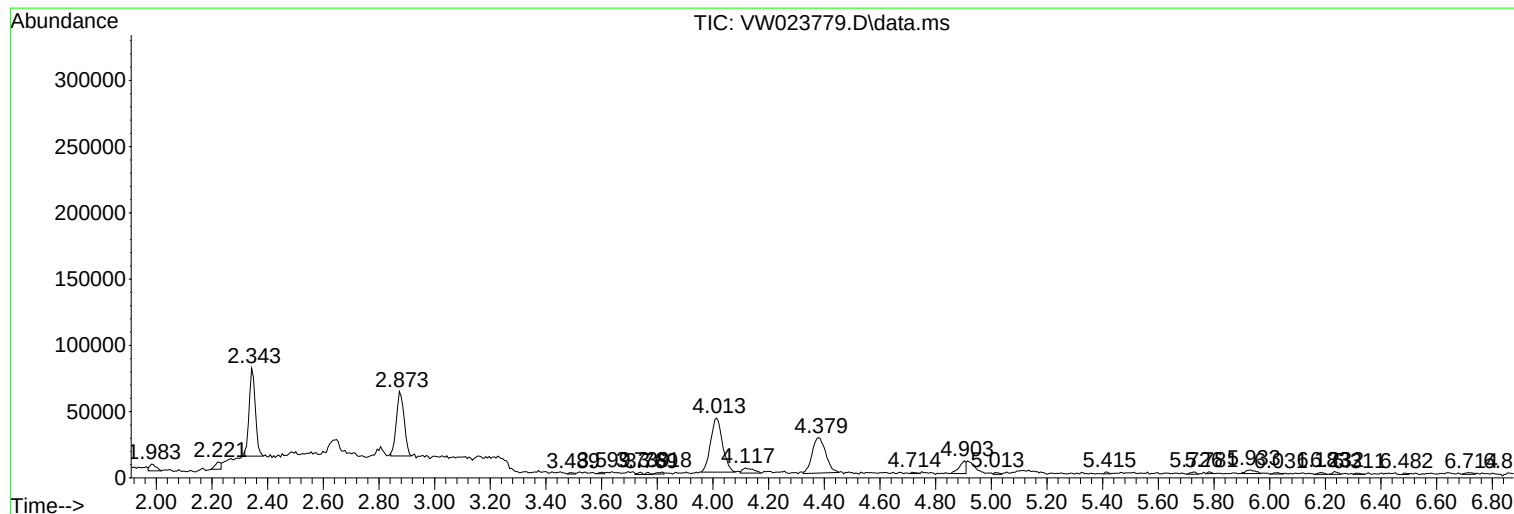
Sum of corrected areas: 4961678

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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



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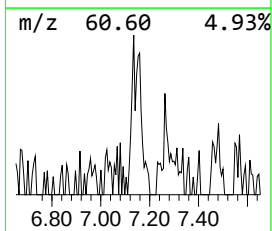
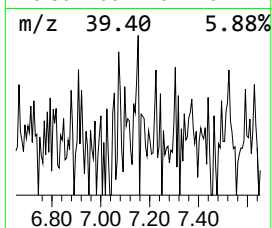
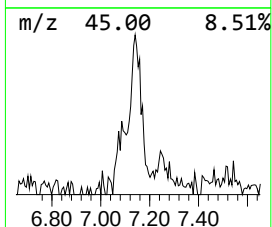
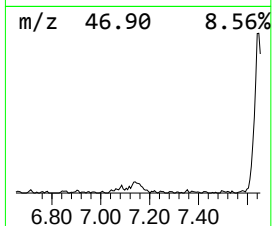
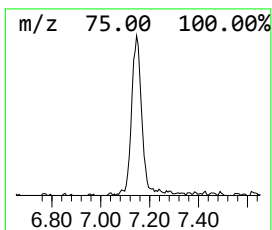
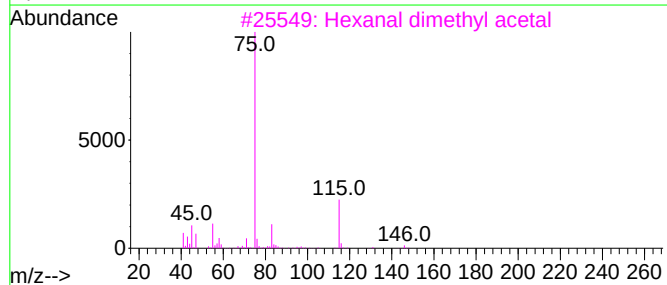
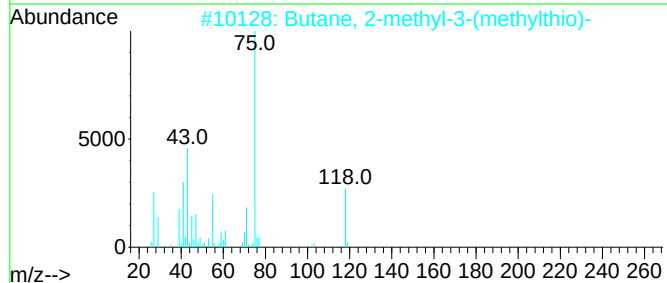
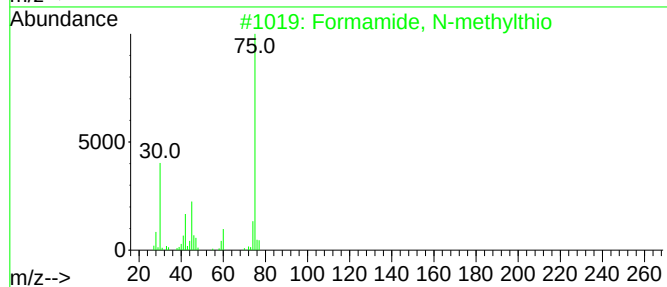
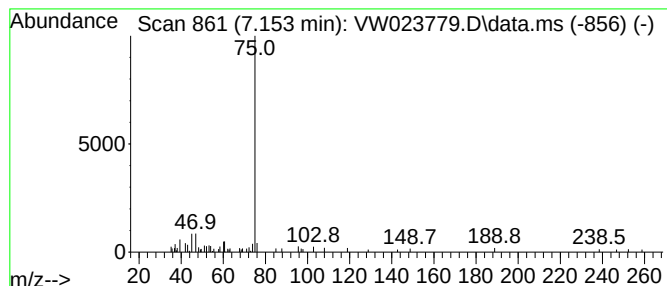
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 1 Formamide, N-methylthio Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.153 | 2.04 ug/L | 37349 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Formamide, N-methylthio          | 75  | C2H5NS  | 018952-41-5 | 64   |
| 2    |    |   | Butane, 2-methyl-3-(methylthio)- | 118 | C6H14S  | 053897-51-1 | 50   |
| 3    |    |   | Hexanal dimethyl acetal          | 146 | C8H18O2 | 001599-47-9 | 50   |
| 4    |    |   | Heptane, 1,1-dimethoxy-          | 160 | C9H20O2 | 010032-05-0 | 45   |
| 5    |    |   | 1,2,4-Butanetriol                | 106 | C4H10O3 | 003068-00-6 | 43   |



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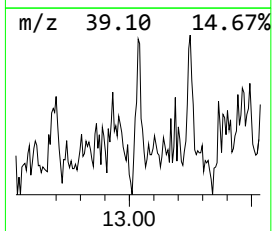
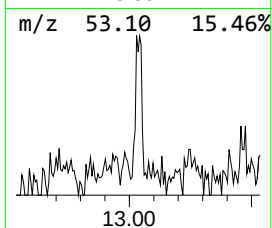
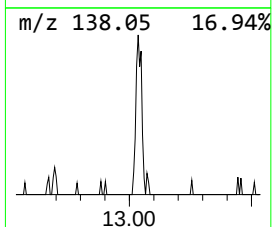
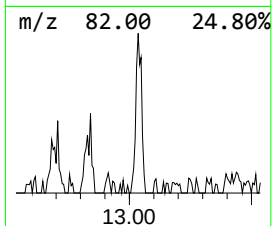
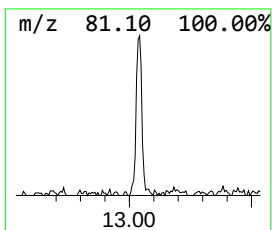
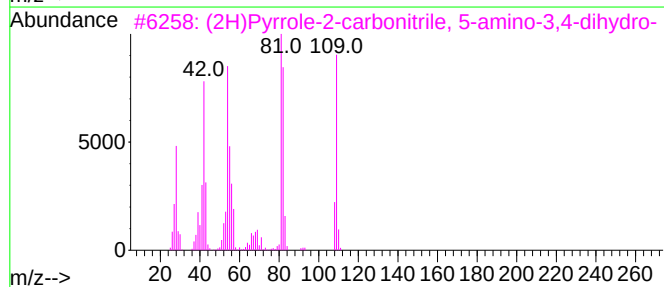
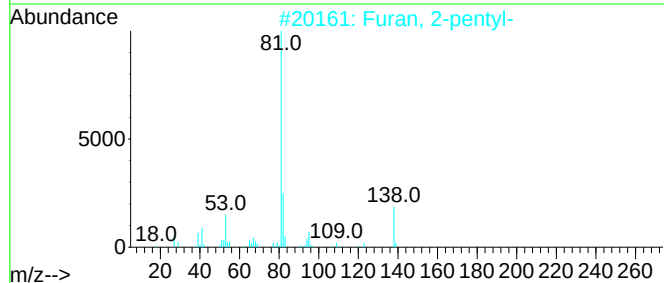
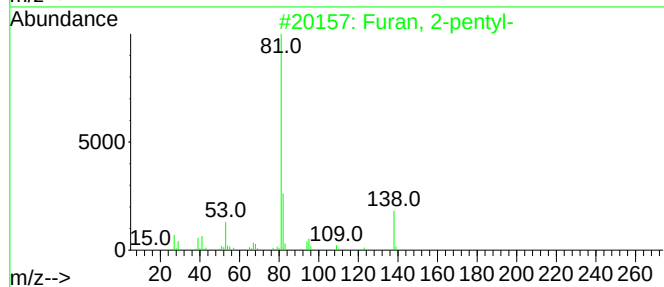
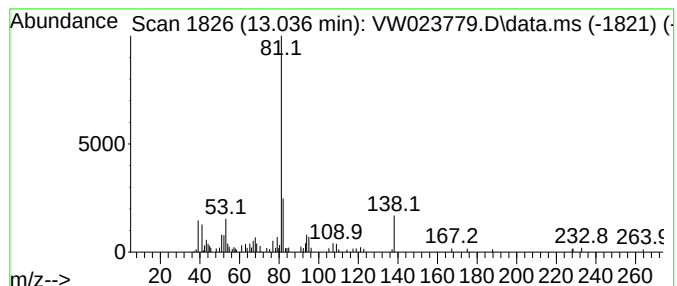
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 Furan, 2-pentyl- Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.036 | 1.28 ug/L | 24805 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Furan, 2-pentyl-                    | 138 | C9H14O  | 003777-69-3  | 80   |
| 2    |    |   | Furan, 2-pentyl-                    | 138 | C9H14O  | 003777-69-3  | 80   |
| 3    |    |   | (2H)Pyrrole-2-carbonitrile, 5-am... | 109 | C5H7N3  | 1000196-60-1 | 64   |
| 4    |    |   | 2,4-Nonadienal, (E,E)-              | 138 | C9H14O  | 005910-87-2  | 50   |
| 5    |    |   | 2,4-Dimethyl 1,4-pentadiene         | 96  | C7H12   | 004161-65-3  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071522\  
Data File : VW023779.D  
Acq On : 16 Jul 2022 05:36  
Operator : SY/VA  
Sample : N3701-12  
Misc : 5.86g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B85

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.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 |
| Formamide, N-me... | 7.153  | 2.0     | ug/L  | 37349    | 1                     | 8.841  | 457672 | 25.0 |
| Furan, 2-pentyl-   | 13.036 | 1.3     | ug/L  | 24805    | 3                     | 13.554 | 485802 | 25.0 |