

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
 Data File : VW022490.D  
 Acq On : 11 Apr 2022 18:09  
 Operator : SY/VA  
 Sample : N2316-11  
 Misc : 6.81g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETNR1

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\SFAMWLM040722SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022490.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         | 1.965       | 4             | 10          | 38           | rVB      | 1210998        | 1857990       | 13.66%          | 5.417%        |
| 2         | 2.355       | 69            | 74          | 83           | rBV      | 145592         | 263917        | 1.94%           | 0.770%        |
| 3         | 2.891       | 155           | 162         | 170          | rBV      | 93349          | 203906        | 1.50%           | 0.595%        |
| 4         | 3.294       | 226           | 228         | 233          | rVB4     | 1482           | 1922          | 0.01%           | 0.006%        |
| 5         | 3.385       | 237           | 243         | 246          | rBV5     | 2634           | 5804          | 0.04%           | 0.017%        |
| 6         | 3.507       | 259           | 263         | 265          | rBV5     | 1018           | 1515          | 0.01%           | 0.004%        |
| 7         | 3.532       | 265           | 267         | 269          | rVB3     | 1534           | 1473          | 0.01%           | 0.004%        |
| 8         | 3.556       | 269           | 271         | 273          | rBV3     | 1460           | 1598          | 0.01%           | 0.005%        |
| 9         | 3.684       | 286           | 292         | 296          | rBV6     | 3079           | 6498          | 0.05%           | 0.019%        |
| 10        | 3.739       | 299           | 301         | 302          | rBV2     | 1993           | 1443          | 0.01%           | 0.004%        |
| 11        | 3.830       | 313           | 316         | 319          | rBV5     | 1311           | 1464          | 0.01%           | 0.004%        |
| 12        | 4.019       | 336           | 347         | 360          | rBV2     | 167902         | 526220        | 3.87%           | 1.534%        |
| 13        | 4.214       | 372           | 379         | 383          | rBV9     | 1844           | 5083          | 0.04%           | 0.015%        |
| 14        | 4.385       | 398           | 407         | 422          | rVB      | 19478          | 62789         | 0.46%           | 0.183%        |
| 15        | 4.757       | 467           | 468         | 471          | rVV3     | 1236           | 1370          | 0.01%           | 0.004%        |
| 16        | 4.787       | 471           | 473         | 476          | rVB3     | 1125           | 1361          | 0.01%           | 0.004%        |
| 17        | 4.885       | 483           | 489         | 491          | rBV5     | 2067           | 2534          | 0.02%           | 0.007%        |
| 18        | 5.184       | 529           | 538         | 546          | rBV4     | 9009           | 27224         | 0.20%           | 0.079%        |
| 19        | 5.415       | 574           | 576         | 579          | rBV4     | 1026           | 1563          | 0.01%           | 0.005%        |
| 20        | 5.556       | 592           | 599         | 601          | rBV6     | 3868           | 8105          | 0.06%           | 0.024%        |
| 21        | 5.720       | 622           | 626         | 627          | rBV3     | 1135           | 1398          | 0.01%           | 0.004%        |
| 22        | 5.775       | 632           | 635         | 637          | rBV3     | 1089           | 1472          | 0.01%           | 0.004%        |
| 23        | 5.940       | 657           | 662         | 663          | rBV3     | 2613           | 3774          | 0.03%           | 0.011%        |
| 24        | 6.092       | 681           | 687         | 689          | rBV5     | 1259           | 1871          | 0.01%           | 0.005%        |
| 25        | 6.220       | 702           | 708         | 709          | rBV4     | 1881           | 3256          | 0.02%           | 0.009%        |
| 26        | 6.299       | 715           | 721         | 722          | rBV5     | 2465           | 3886          | 0.03%           | 0.011%        |
| 27        | 6.988       | 827           | 834         | 835          | rBV5     | 5922           | 10031         | 0.07%           | 0.029%        |
| 28        | 7.080       | 841           | 849         | 861          | rBV      | 74934          | 213298        | 1.57%           | 0.622%        |
| 29        | 7.537       | 917           | 924         | 926          | rVV7     | 1043           | 1796          | 0.01%           | 0.005%        |
| 30        | 7.653       | 932           | 943         | 957          | rVV      | 309442         | 786476        | 5.78%           | 2.293%        |
| 31        | 7.854       | 973           | 976         | 977          | rBV3     | 1378           | 1659          | 0.01%           | 0.005%        |
| 32        | 7.903       | 981           | 984         | 985          | rBV3     | 2193           | 2049          | 0.02%           | 0.006%        |
| 33        | 8.159       | 1022          | 1026        | 1027         | rBV3     | 1417           | 2006          | 0.01%           | 0.006%        |
| 34        | 8.281       | 1034          | 1046        | 1048         | rBV      | 564709         | 1277328       | 9.39%           | 3.724%        |
| 35        | 8.323       | 1049          | 1053        | 1064         | rVB3     | 1064576        | 2347731       | 17.27%          | 6.845%        |
| 36        | 8.567       | 1088          | 1093        | 1102         | rVB6     | 7397           | 18481         | 0.14%           | 0.054%        |

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 ClientSampleId :  
 ETNR1

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\SFAMWLM040722SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 8.695  | 1106 | 1114 | 1118 | rBV9 | 4043    | 9268     | 0.07%   | 0.027%  |
| 38 | 8.842  | 1129 | 1138 | 1147 | rBV  | 548694  | 1068403  | 7.86%   | 3.115%  |
| 39 | 8.988  | 1155 | 1162 | 1168 | rBV3 | 10614   | 21334    | 0.16%   | 0.062%  |
| 40 | 9.092  | 1168 | 1179 | 1186 | rVB7 | 18876   | 54308    | 0.40%   | 0.158%  |
| 41 | 9.274  | 1200 | 1209 | 1218 | rBV  | 411307  | 853047   | 6.27%   | 2.487%  |
| 42 | 9.433  | 1232 | 1235 | 1241 | rBV7 | 1220    | 2922     | 0.02%   | 0.009%  |
| 43 | 9.506  | 1244 | 1247 | 1255 | rVB9 | 2752    | 6095     | 0.04%   | 0.018%  |
| 44 | 9.671  | 1269 | 1274 | 1278 | rBV6 | 2261    | 4823     | 0.04%   | 0.014%  |
| 45 | 9.909  | 1310 | 1313 | 1315 | rVV4 | 1453    | 2088     | 0.02%   | 0.006%  |
| 46 | 9.963  | 1315 | 1322 | 1327 | rVV  | 72400   | 136784   | 1.01%   | 0.399%  |
| 47 | 10.037 | 1327 | 1334 | 1342 | rVB  | 232223  | 424195   | 3.12%   | 1.237%  |
| 48 | 10.207 | 1355 | 1362 | 1365 | rBV8 | 2201    | 5028     | 0.04%   | 0.015%  |
| 49 | 10.323 | 1373 | 1381 | 1387 | rBV  | 821648  | 1431092  | 10.52%  | 4.173%  |
| 50 | 10.384 | 1387 | 1391 | 1400 | rVB2 | 196265  | 347067   | 2.55%   | 1.012%  |
| 51 | 10.579 | 1416 | 1423 | 1431 | rVB  | 156675  | 269210   | 1.98%   | 0.785%  |
| 52 | 10.646 | 1431 | 1434 | 1435 | rBV3 | 1368    | 1411     | 0.01%   | 0.004%  |
| 53 | 10.713 | 1439 | 1445 | 1456 | rVB5 | 31447   | 71304    | 0.52%   | 0.208%  |
| 54 | 10.860 | 1465 | 1469 | 1473 | rVB7 | 3404    | 5356     | 0.04%   | 0.016%  |
| 55 | 10.927 | 1473 | 1480 | 1496 | rBV2 | 380176  | 701536   | 5.16%   | 2.045%  |
| 56 | 11.055 | 1496 | 1501 | 1506 | rBV7 | 7495    | 14150    | 0.10%   | 0.041%  |
| 57 | 11.177 | 1518 | 1521 | 1527 | rVB7 | 5137    | 8239     | 0.06%   | 0.024%  |
| 58 | 11.225 | 1527 | 1529 | 1532 | rBV4 | 2530    | 2419     | 0.02%   | 0.007%  |
| 59 | 11.286 | 1534 | 1539 | 1550 | rVB2 | 19034   | 37175    | 0.27%   | 0.108%  |
| 60 | 11.408 | 1555 | 1559 | 1565 | rVB4 | 7460    | 12148    | 0.09%   | 0.035%  |
| 61 | 11.481 | 1565 | 1571 | 1577 | rBV6 | 8031    | 18619    | 0.14%   | 0.054%  |
| 62 | 11.555 | 1578 | 1583 | 1588 | rVV  | 30764   | 51204    | 0.38%   | 0.149%  |
| 63 | 11.652 | 1588 | 1599 | 1607 | rVV  | 7227851 | 13597994 | 100.00% | 39.648% |
| 64 | 11.731 | 1608 | 1612 | 1620 | rVV  | 47798   | 86974    | 0.64%   | 0.254%  |
| 65 | 11.835 | 1622 | 1629 | 1639 | rVB2 | 60020   | 124648   | 0.92%   | 0.363%  |
| 66 | 11.969 | 1647 | 1651 | 1658 | rVB8 | 4579    | 7067     | 0.05%   | 0.021%  |
| 67 | 12.061 | 1661 | 1666 | 1672 | rVB8 | 9346    | 16088    | 0.12%   | 0.047%  |
| 68 | 12.109 | 1672 | 1674 | 1675 | rBV2 | 1409    | 1450     | 0.01%   | 0.004%  |
| 69 | 12.164 | 1677 | 1683 | 1692 | rVB  | 48407   | 86556    | 0.64%   | 0.252%  |
| 70 | 12.463 | 1725 | 1732 | 1738 | rBV3 | 14493   | 28701    | 0.21%   | 0.084%  |
| 71 | 12.554 | 1742 | 1747 | 1751 | rVV2 | 26455   | 47463    | 0.35%   | 0.138%  |
| 72 | 12.603 | 1751 | 1755 | 1759 | rVV2 | 22039   | 37412    | 0.28%   | 0.109%  |
| 73 | 12.689 | 1759 | 1769 | 1774 | rVV  | 436350  | 794667   | 5.84%   | 2.317%  |
| 74 | 12.743 | 1774 | 1778 | 1785 | rVV  | 147512  | 253916   | 1.87%   | 0.740%  |
| 75 | 12.804 | 1785 | 1788 | 1792 | rVV2 | 13999   | 20662    | 0.15%   | 0.060%  |
| 76 | 12.890 | 1792 | 1802 | 1806 | rVV2 | 67405   | 176157   | 1.30%   | 0.514%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETNR1

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\SFAMWLM040722SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 12.938 | 1807 | 1810 | 1814 | rVV  | 36742  | 63317   | 0.47%  | 0.185% |
| 78  | 12.987 | 1814 | 1818 | 1828 | rVB  | 33462  | 63265   | 0.47%  | 0.184% |
| 79  | 13.103 | 1832 | 1837 | 1845 | rVB2 | 42669  | 78814   | 0.58%  | 0.230% |
| 80  | 13.249 | 1855 | 1861 | 1867 | rBV  | 74011  | 126416  | 0.93%  | 0.369% |
| 81  | 13.438 | 1889 | 1892 | 1895 | rBV2 | 8575   | 12231   | 0.09%  | 0.036% |
| 82  | 13.493 | 1898 | 1901 | 1905 | rVV3 | 18506  | 27912   | 0.21%  | 0.081% |
| 83  | 13.554 | 1905 | 1911 | 1921 | rVV  | 897543 | 1558692 | 11.46% | 4.545% |
| 84  | 13.640 | 1921 | 1925 | 1932 | rVB7 | 25779  | 49188   | 0.36%  | 0.143% |
| 85  | 13.749 | 1939 | 1943 | 1946 | rBV2 | 13968  | 21510   | 0.16%  | 0.063% |
| 86  | 13.853 | 1953 | 1960 | 1970 | rVB2 | 856550 | 1614990 | 11.88% | 4.709% |
| 87  | 13.944 | 1970 | 1975 | 1979 | rBV3 | 26093  | 56908   | 0.42%  | 0.166% |
| 88  | 13.993 | 1979 | 1983 | 1987 | rVB2 | 44663  | 70120   | 0.52%  | 0.204% |
| 89  | 14.200 | 2012 | 2017 | 2022 | rBV3 | 25794  | 46785   | 0.34%  | 0.136% |
| 90  | 14.414 | 2048 | 2052 | 2055 | rBV2 | 21542  | 30544   | 0.22%  | 0.089% |
| 91  | 14.463 | 2055 | 2060 | 2067 | rVB2 | 462409 | 755418  | 5.56%  | 2.203% |
| 92  | 14.688 | 2093 | 2097 | 2099 | rBV5 | 10689  | 18285   | 0.13%  | 0.053% |
| 93  | 14.737 | 2099 | 2105 | 2111 | rBV2 | 392973 | 694367  | 5.11%  | 2.025% |
| 94  | 14.950 | 2136 | 2140 | 2147 | rVB  | 42478  | 76596   | 0.56%  | 0.223% |
| 95  | 15.249 | 2185 | 2189 | 2194 | rVB3 | 29461  | 48848   | 0.36%  | 0.142% |
| 96  | 15.414 | 2213 | 2216 | 2221 | rBV2 | 13911  | 22541   | 0.17%  | 0.066% |
| 97  | 15.487 | 2222 | 2228 | 2235 | rVB2 | 46759  | 106643  | 0.78%  | 0.311% |
| 98  | 15.737 | 2263 | 2269 | 2276 | rBV2 | 57324  | 124760  | 0.92%  | 0.364% |
| 99  | 16.170 | 2336 | 2340 | 2348 | rVB5 | 24039  | 48615   | 0.36%  | 0.142% |
| 100 | 16.724 | 2426 | 2431 | 2439 | rBV4 | 39170  | 80972   | 0.60%  | 0.236% |

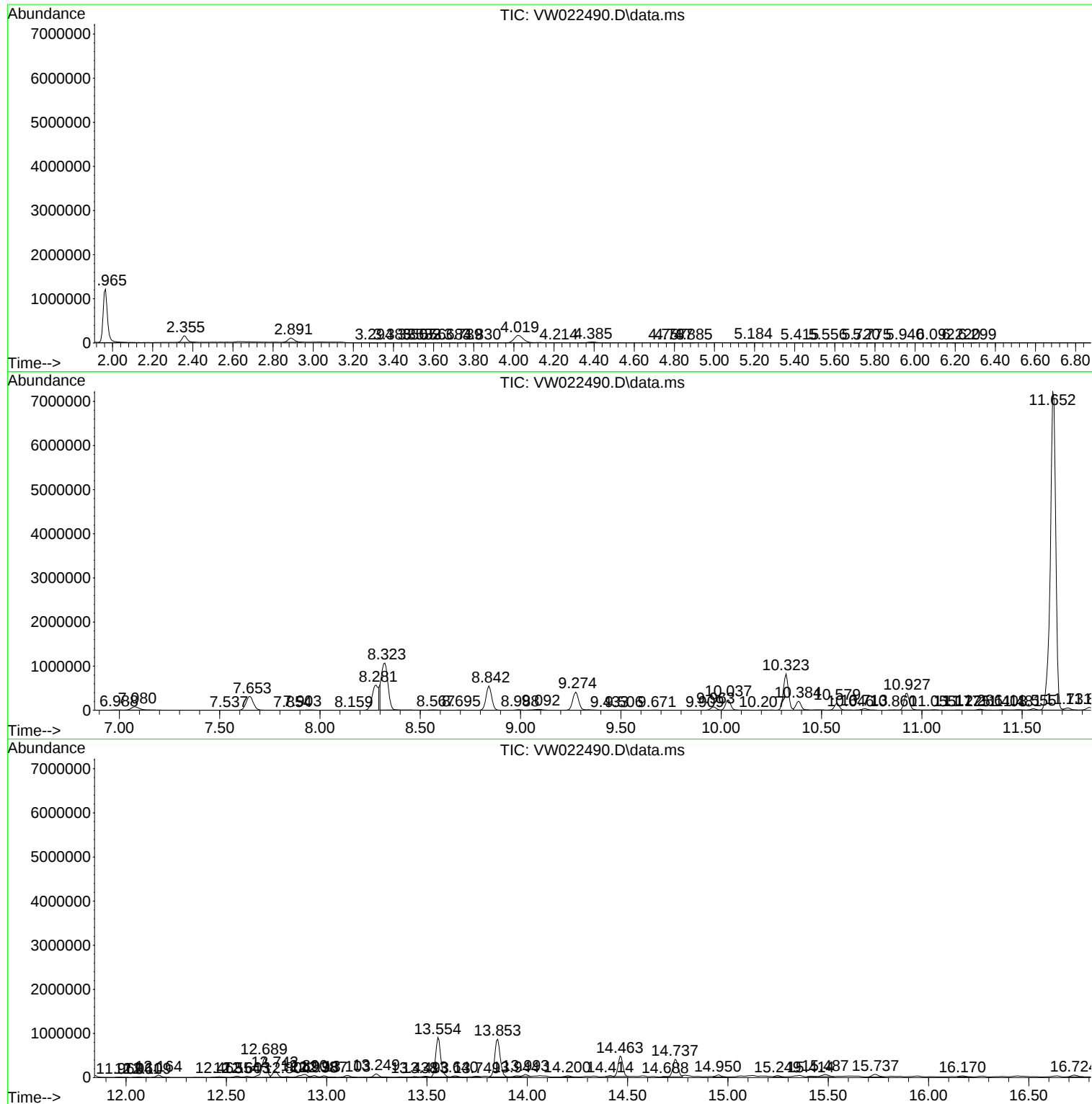
Sum of corrected areas: 34297008

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Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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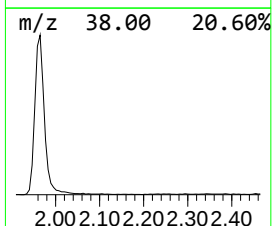
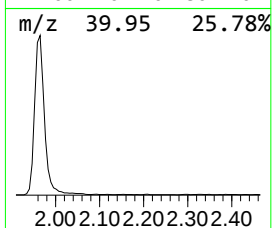
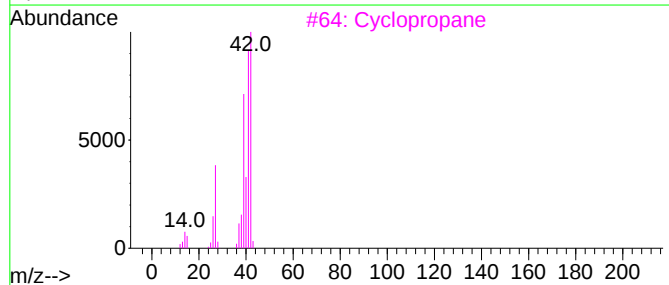
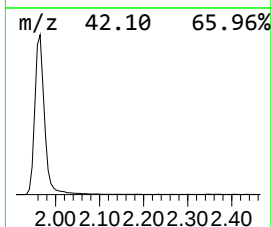
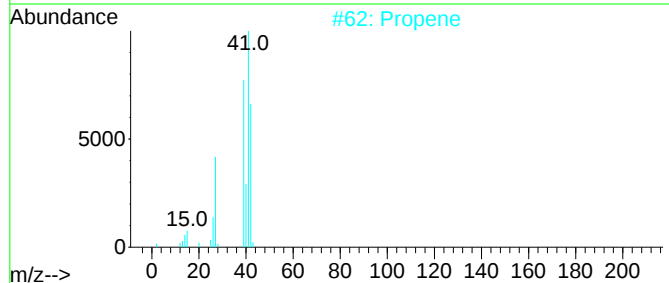
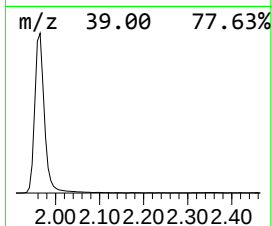
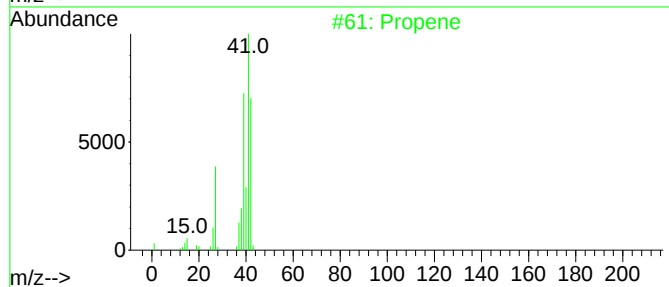
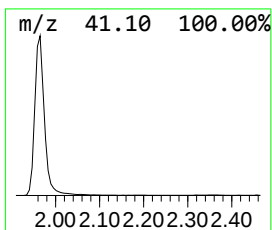
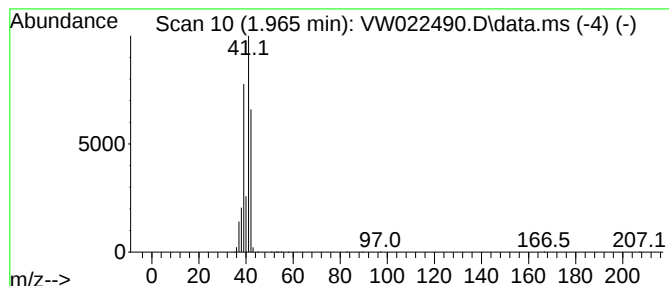
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 1.965 | 43.48 ug/L | 1857990 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 90   |
| 2    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 59   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 10   |
| 4    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |
| 5    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 7    |



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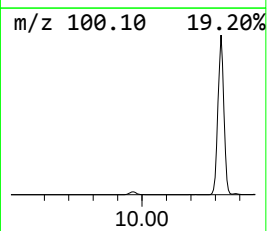
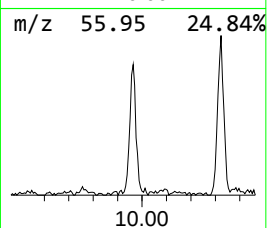
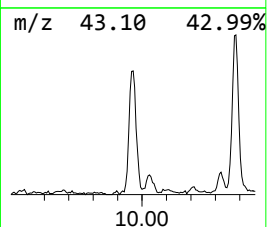
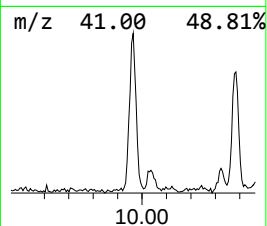
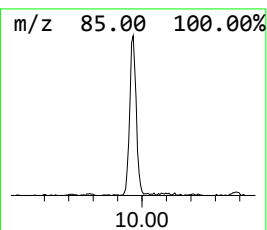
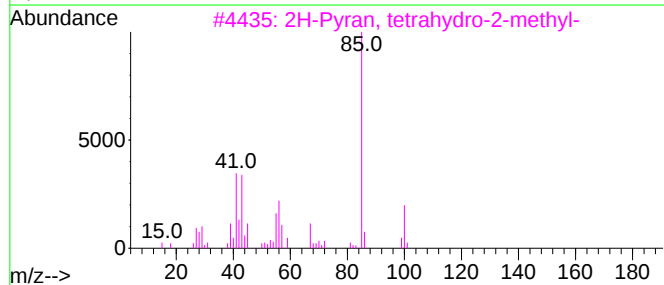
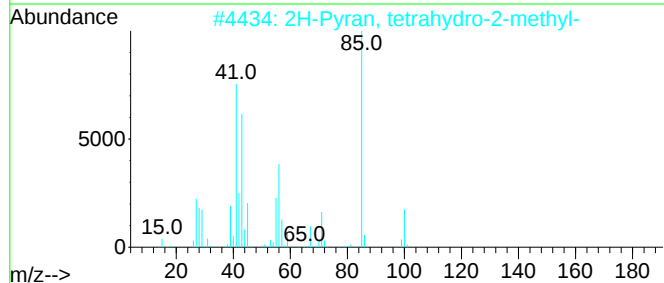
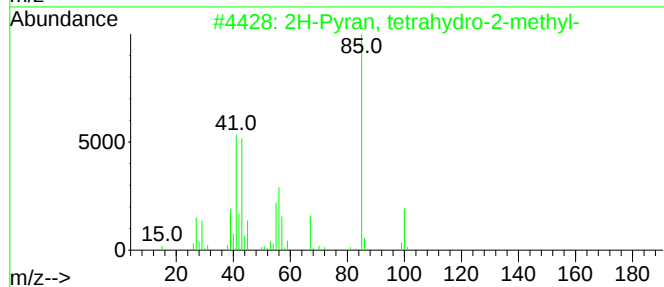
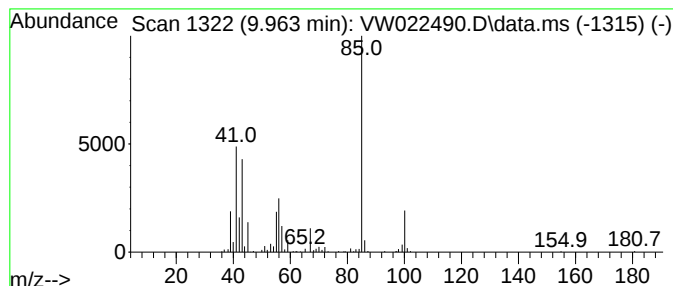
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 9.963 | 3.20 ug/L | 136784 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|------------|-------------|------|
| 1    | 2H-Pyran, tetrahydro-2-methyl-      |   |              | 100 | C6H12O     | 010141-72-7 | 95   |
| 2    | 2H-Pyran, tetrahydro-2-methyl-      |   |              | 100 | C6H12O     | 010141-72-7 | 91   |
| 3    | 2H-Pyran, tetrahydro-2-methyl-      |   |              | 100 | C6H12O     | 010141-72-7 | 91   |
| 4    | 2H-Pyran, tetrahydro-2-methyl-      |   |              | 100 | C6H12O     | 010141-72-7 | 87   |
| 5    | 1-Bromo-7-(tetrahydro-2-pyranylo... |   |              | 278 | C12H23BrO2 | 010160-25-5 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

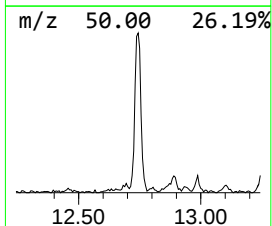
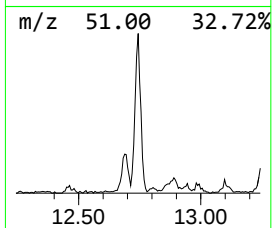
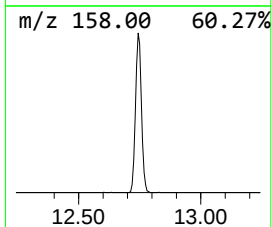
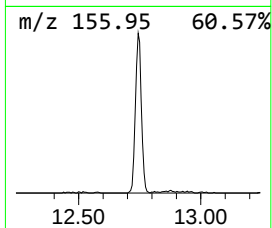
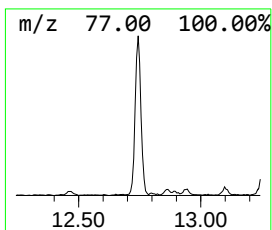
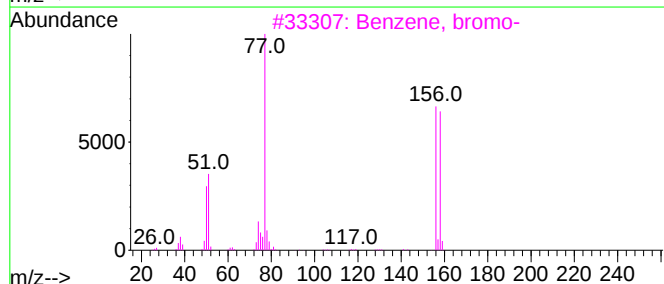
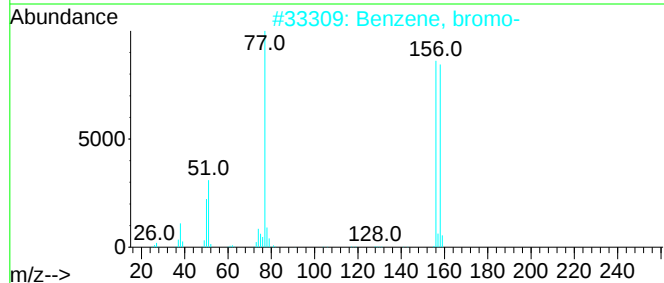
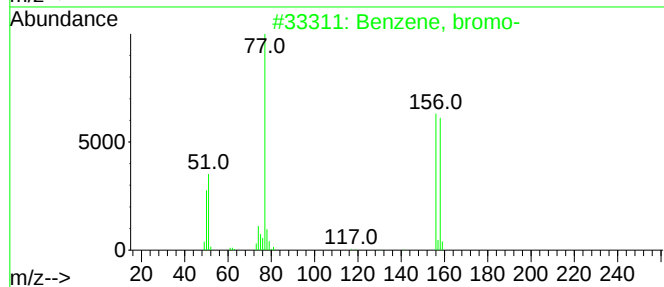
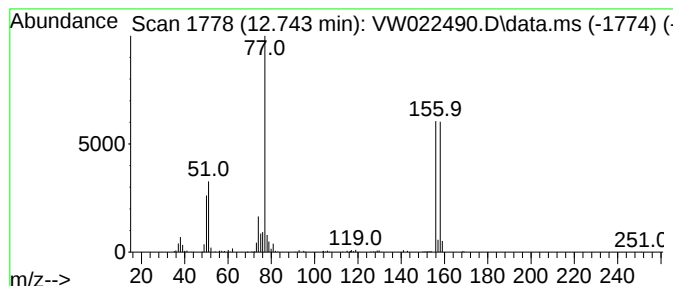
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 4 Benzene, bromo- Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.743 | 4.07 ug/L | 253916 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 96   |
| 2    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 94   |
| 3    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 94   |
| 4    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 91   |
| 5    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

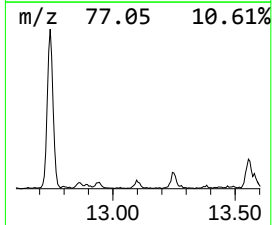
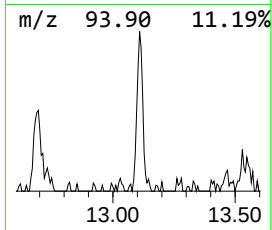
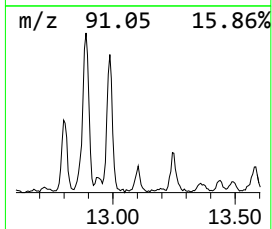
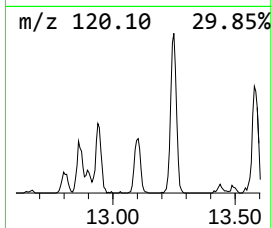
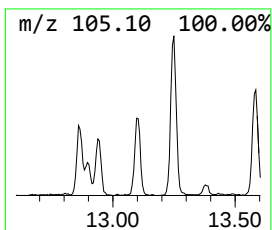
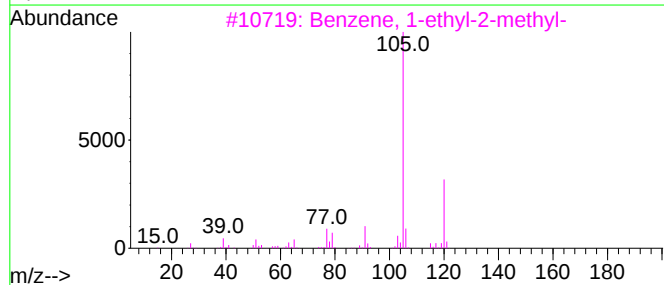
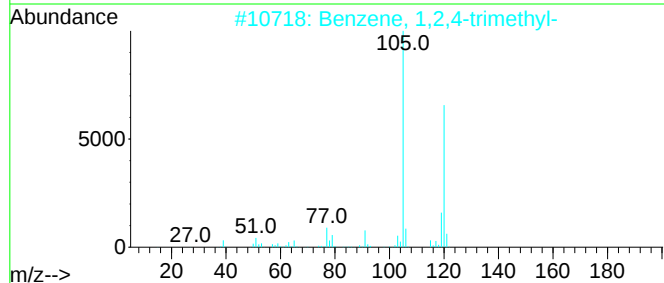
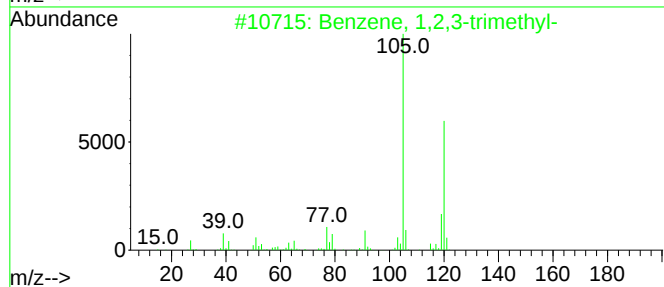
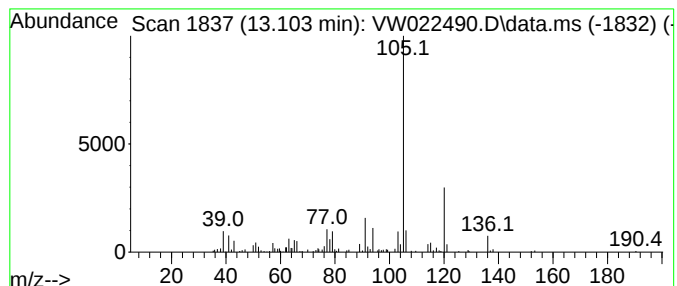
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Quant Title : SFAM01.0

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

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Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.103 | 1.26 ug/L | 78814 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 81   |
| 2    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 81   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 81   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 81   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

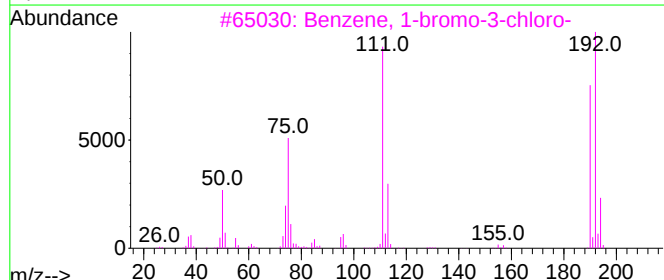
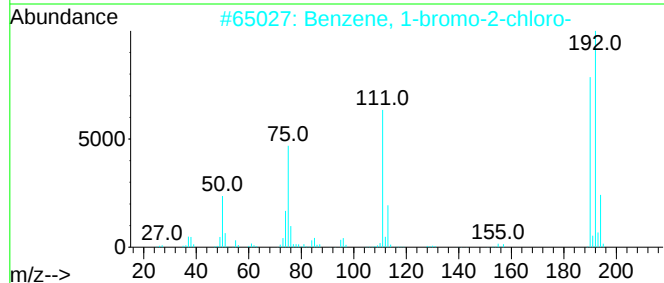
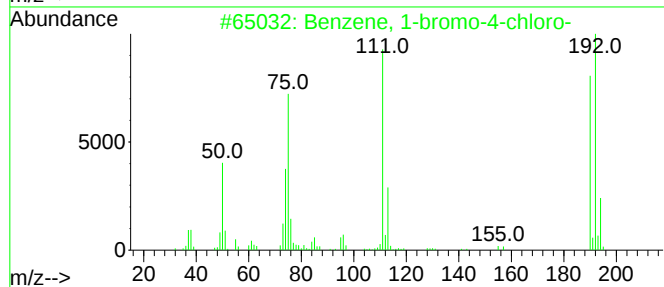
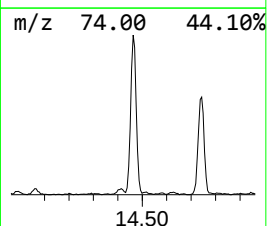
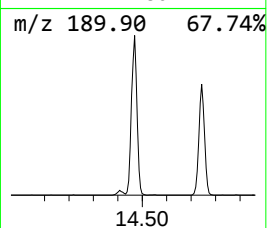
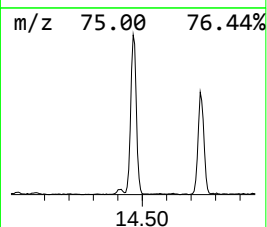
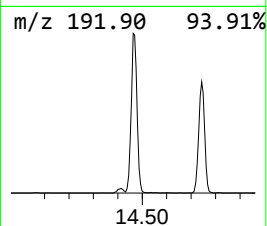
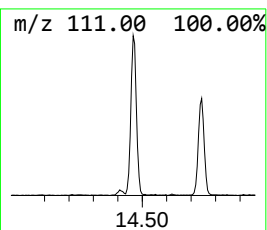
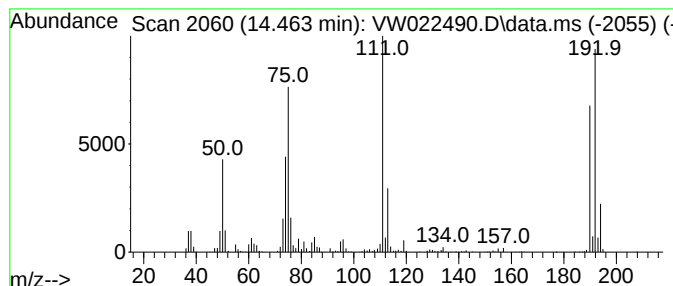
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.463 | 12.12 ug/L | 755418 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 99   |
| 2    |    |   | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 98   |
| 3    |    |   | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 97   |
| 4    |    |   | 4-Chlorophenylselenol      | 192 | C6H5ClSe | 016645-10-6 | 96   |
| 5    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

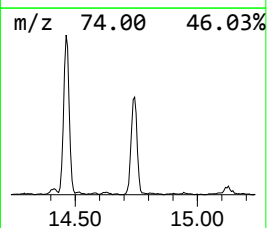
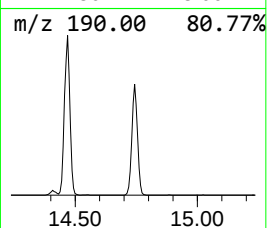
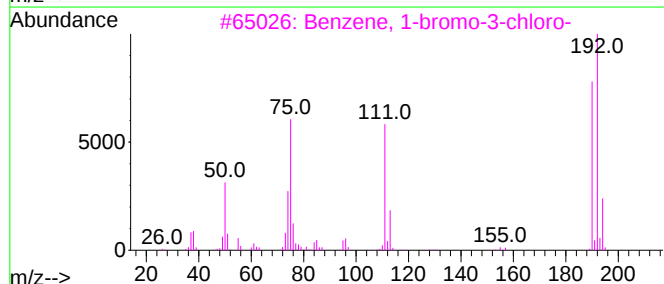
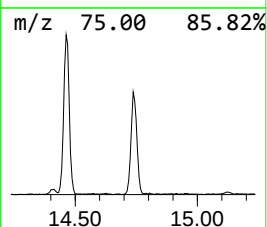
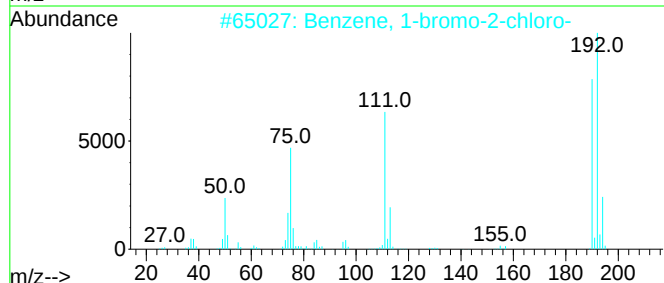
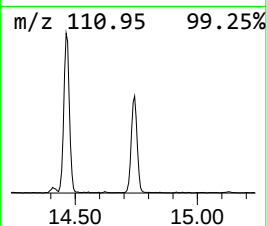
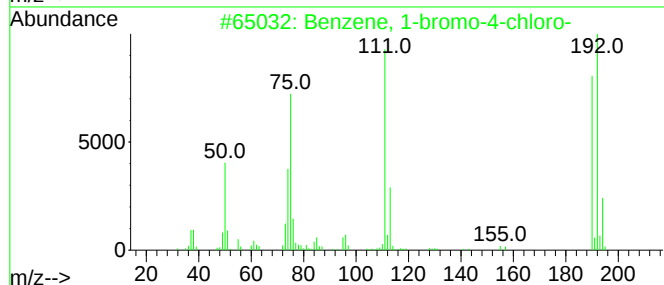
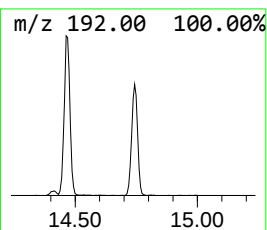
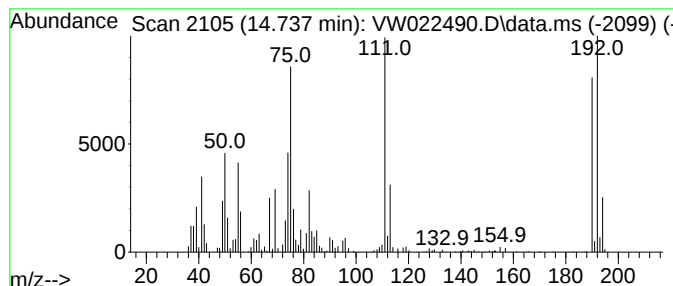
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Quant Title : SFAM01.0

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

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Peak Number 7 Benzene, 1-bromo-2-chloro- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.737 | 11.14 ug/L | 694367 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 99   |
| 2    |    |   | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 97   |
| 3    |    |   | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96   |
| 4    |    |   | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96   |
| 5    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

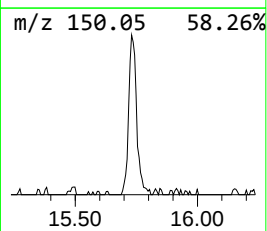
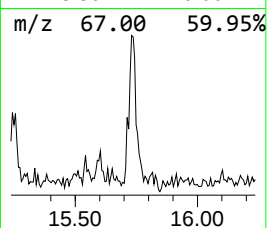
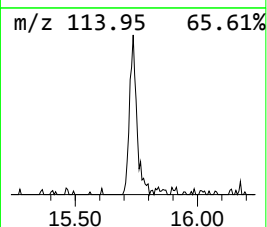
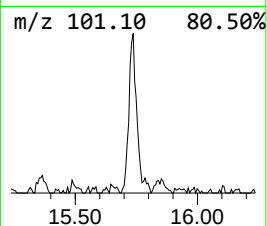
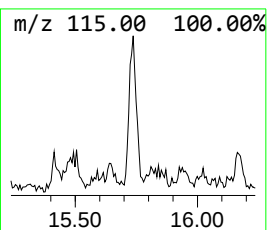
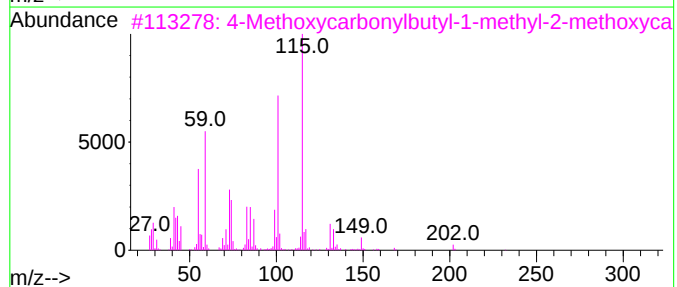
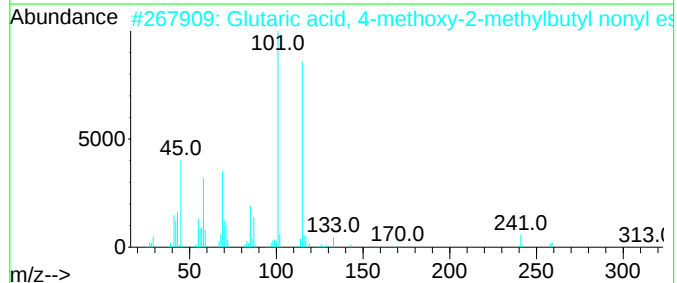
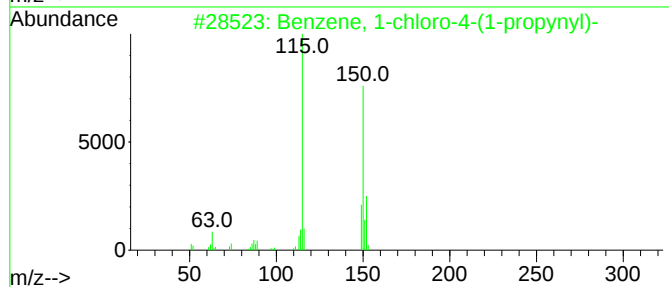
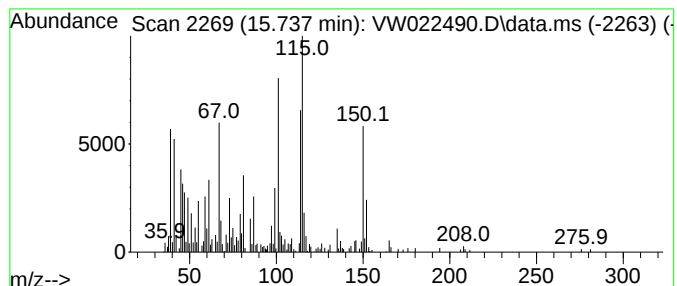
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 9 unknown-01 Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.737 | 2.00 ug/L | 124760 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzene, 1-chloro-4-(1-propynyl)-    | 150 | C9H7Cl   | 002809-65-6  | 43   |
| 2    |    |   | Glutaric acid, 4-methoxy-2-methyl... | 358 | C20H38O5 | 1000359-41-8 | 27   |
| 3    |    |   | 4-Methoxycarbonylbutyl-1-methyl...   | 232 | C11H20O5 | 1000140-30-2 | 25   |
| 4    |    |   | 3(2H)-Isothiazolone, 2-methyl-       | 115 | C4H5NOS  | 002682-20-4  | 25   |
| 5    |    |   | Glutaric acid, hexyl 4-methoxy-2...  | 316 | C17H32O5 | 1000359-41-5 | 14   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

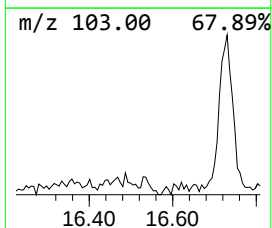
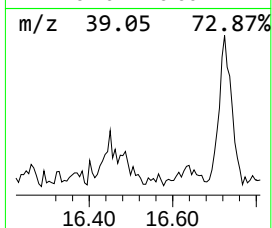
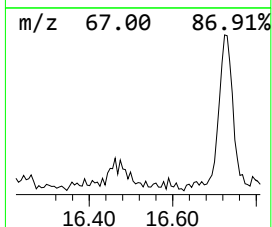
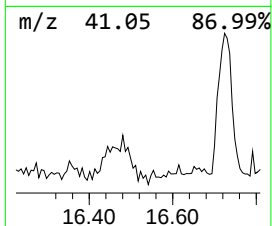
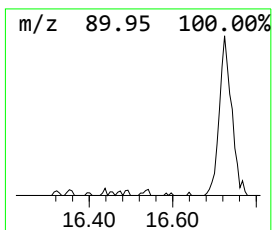
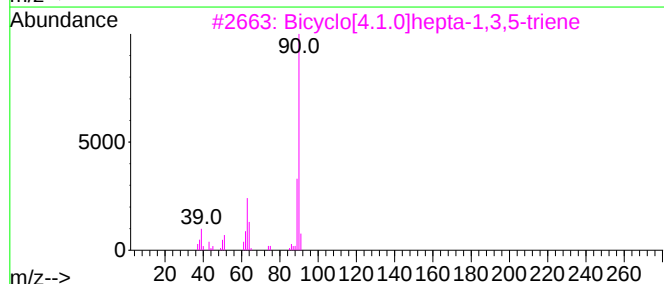
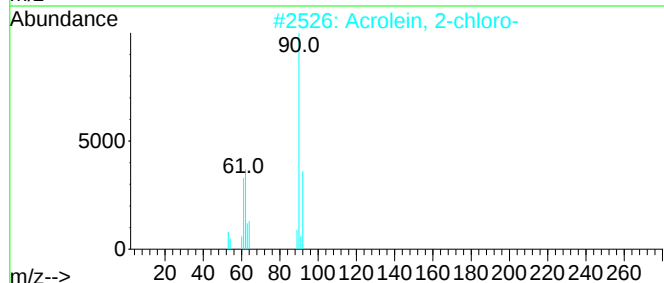
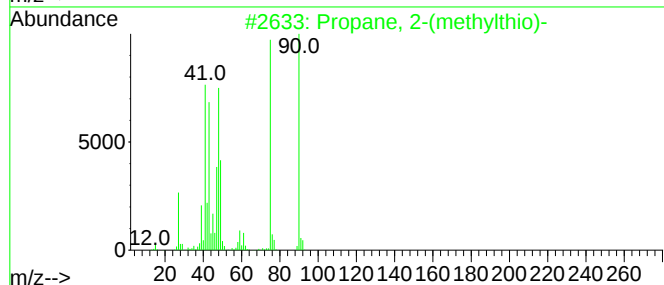
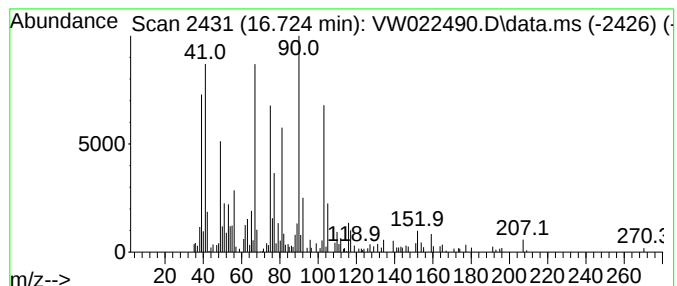
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 10 unknown-02 Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.724 | 1.30 ug/L | 80972 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of 5 | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|------|----------------------------------|----|---------|-------------|------|
| 1    |      | Propane, 2-(methylthio)-         | 90 | C4H10S  | 001551-21-9 | 38   |
| 2    |      | Acrolein, 2-chloro-              | 90 | C3H3ClO | 000683-51-2 | 38   |
| 3    |      | Bicyclo[4.1.0]hepta-1,3,5-triene | 90 | C7H6    | 004646-69-9 | 32   |
| 4    |      | 3-Thietanol                      | 90 | C3H6OS  | 010304-16-2 | 25   |
| 5    |      | Thiourea, methyl-                | 90 | C2H6N2S | 000598-52-7 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041122\  
Data File : VW022490.D  
Acq On : 11 Apr 2022 18:09  
Operator : SY/VA  
Sample : N2316-11  
Misc : 6.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETNR1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: S... | 1.965  | 43.5    | ug/L  | 1857990  | 1                     | 8.842  | 1068400 | 25.0 |
| 2H-Pyran, tetra... | 9.963  | 3.2     | ug/L  | 136784   | 1                     | 8.842  | 1068400 | 25.0 |
| Benzene, bromo-    | 12.743 | 4.1     | ug/L  | 253916   | 3                     | 13.554 | 1558690 | 25.0 |
| Benzene, 1,2,3-... | 13.103 | 1.3     | ug/L  | 78814    | 3                     | 13.554 | 1558690 | 25.0 |
| Benzene, 1-brom... | 14.463 | 12.1    | ug/L  | 755418   | 3                     | 13.554 | 1558690 | 25.0 |
| Benzene, 1-brom... | 14.737 | 11.1    | ug/L  | 694367   | 3                     | 13.554 | 1558690 | 25.0 |
| unknown-01         | 15.737 | 2.0     | ug/L  | 124760   | 3                     | 13.554 | 1558690 | 25.0 |
| unknown-02         | 16.724 | 1.3     | ug/L  | 80972    | 3                     | 13.554 | 1558690 | 25.0 |