

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
 Acq On : 18 Jul 2022 14:28  
 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

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: VW023840.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         | 2.233       | 47            | 54          | 56           | rBV5     | 13557          | 27080         | 4.51%           | 0.559%        |
| 2         | 2.349       | 68            | 73          | 86           | rBV      | 70955          | 124476        | 20.72%          | 2.571%        |
| 3         | 3.538       | 266           | 268         | 270          | rBV3     | 1682           | 1885          | 0.31%           | 0.039%        |
| 4         | 4.007       | 337           | 345         | 359          | rVV3     | 38878          | 120506        | 20.05%          | 2.489%        |
| 5         | 4.391       | 398           | 408         | 417          | rBV3     | 13652          | 49971         | 8.32%           | 1.032%        |
| 6         | 4.836       | 479           | 481         | 484          | rBV3     | 1462           | 1665          | 0.28%           | 0.034%        |
| 7         | 4.909       | 484           | 493         | 494          | rBV6     | 12177          | 24098         | 4.01%           | 0.498%        |
| 8         | 5.001       | 506           | 508         | 511          | rVB4     | 2438           | 2135          | 0.36%           | 0.044%        |
| 9         | 5.232       | 544           | 546         | 547          | rBV2     | 1180           | 1124          | 0.19%           | 0.023%        |
| 10        | 5.385       | 569           | 571         | 573          | rVB3     | 1601           | 1133          | 0.19%           | 0.023%        |
| 11        | 5.428       | 576           | 578         | 580          | rBV3     | 1675           | 1819          | 0.30%           | 0.038%        |
| 12        | 5.513       | 590           | 592         | 599          | rBV8     | 1796           | 4005          | 0.67%           | 0.083%        |
| 13        | 5.629       | 609           | 611         | 613          | rBV3     | 1669           | 1139          | 0.19%           | 0.024%        |
| 14        | 5.653       | 613           | 615         | 617          | rVV3     | 1986           | 1965          | 0.33%           | 0.041%        |
| 15        | 5.677       | 617           | 619         | 623          | rVV5     | 1803           | 1771          | 0.29%           | 0.037%        |
| 16        | 5.720       | 623           | 626         | 628          | rVV4     | 1185           | 1291          | 0.21%           | 0.027%        |
| 17        | 5.745       | 628           | 630         | 633          | rVV3     | 1945           | 1990          | 0.33%           | 0.041%        |
| 18        | 5.781       | 633           | 636         | 640          | rVV6     | 1436           | 2307          | 0.38%           | 0.048%        |
| 19        | 6.055       | 679           | 681         | 684          | rVB4     | 1431           | 1599          | 0.27%           | 0.033%        |
| 20        | 6.129       | 691           | 693         | 696          | rBV4     | 1782           | 1891          | 0.31%           | 0.039%        |
| 21        | 6.263       | 711           | 715         | 716          | rBV4     | 1909           | 2264          | 0.38%           | 0.047%        |
| 22        | 6.348       | 728           | 729         | 732          | rBV3     | 998            | 1220          | 0.20%           | 0.025%        |
| 23        | 6.452       | 741           | 746         | 751          | rVB8     | 1854           | 3240          | 0.54%           | 0.067%        |
| 24        | 6.519       | 755           | 757         | 759          | rVV3     | 1517           | 1281          | 0.21%           | 0.026%        |
| 25        | 6.568       | 762           | 765         | 766          | rBV3     | 1533           | 1472          | 0.24%           | 0.030%        |
| 26        | 6.586       | 766           | 768         | 770          | rVV3     | 2158           | 1968          | 0.33%           | 0.041%        |
| 27        | 6.635       | 774           | 776         | 779          | rVV4     | 1195           | 1397          | 0.23%           | 0.029%        |
| 28        | 6.683       | 782           | 784         | 787          | rVV5     | 1890           | 1752          | 0.29%           | 0.036%        |
| 29        | 7.074       | 843           | 848         | 855          | rBV2     | 19543          | 54354         | 9.05%           | 1.123%        |
| 30        | 7.232       | 871           | 874         | 875          | rBV2     | 3237           | 3083          | 0.51%           | 0.064%        |
| 31        | 7.470       | 909           | 913         | 914          | rBV4     | 1291           | 1721          | 0.29%           | 0.036%        |
| 32        | 7.537       | 923           | 924         | 928          | rBV4     | 1659           | 2018          | 0.34%           | 0.042%        |
| 33        | 7.567       | 928           | 929         | 933          | rVB4     | 1925           | 1792          | 0.30%           | 0.037%        |
| 34        | 7.647       | 933           | 942         | 952          | rVB      | 106370         | 267609        | 44.54%          | 5.528%        |
| 35        | 7.726       | 952           | 955         | 957          | rBV4     | 1424           | 1726          | 0.29%           | 0.036%        |
| 36        | 8.067       | 1008          | 1011        | 1013         | rBV3     | 1335           | 1540          | 0.26%           | 0.032%        |

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Integrator: RTE

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Peak separation: 5

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

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 8.275  | 1035 | 1045 | 1059 | rVV2 | 182165 | 581810 | 96.83%  | 12.019% |
| 38 | 8.433  | 1069 | 1071 | 1073 | rVB2 | 1941   | 1377   | 0.23%   | 0.028%  |
| 39 | 8.695  | 1108 | 1114 | 1119 | rBV8 | 4197   | 7846   | 1.31%   | 0.162%  |
| 40 | 8.842  | 1130 | 1138 | 1147 | rBV  | 246287 | 489466 | 81.46%  | 10.111% |
| 41 | 9.018  | 1164 | 1167 | 1168 | rBV3 | 1124   | 1110   | 0.18%   | 0.023%  |
| 42 | 9.043  | 1169 | 1171 | 1172 | rBV2 | 1814   | 1201   | 0.20%   | 0.025%  |
| 43 | 9.207  | 1194 | 1198 | 1200 | rBV5 | 2284   | 2572   | 0.43%   | 0.053%  |
| 44 | 9.274  | 1202 | 1209 | 1217 | rVB  | 146444 | 286858 | 47.74%  | 5.926%  |
| 45 | 9.518  | 1248 | 1249 | 1252 | rBV3 | 1234   | 1543   | 0.26%   | 0.032%  |
| 46 | 9.549  | 1252 | 1254 | 1256 | rVB3 | 2449   | 1695   | 0.28%   | 0.035%  |
| 47 | 9.573  | 1256 | 1258 | 1260 | rBV3 | 1239   | 1203   | 0.20%   | 0.025%  |
| 48 | 9.732  | 1281 | 1284 | 1286 | rBV4 | 1867   | 2296   | 0.38%   | 0.047%  |
| 49 | 9.793  | 1290 | 1294 | 1295 | rVB4 | 1970   | 2119   | 0.35%   | 0.044%  |
| 50 | 9.951  | 1317 | 1320 | 1322 | rBV4 | 1170   | 1473   | 0.25%   | 0.030%  |
| 51 | 9.969  | 1322 | 1323 | 1325 | rVV2 | 1725   | 1176   | 0.20%   | 0.024%  |
| 52 | 10.030 | 1328 | 1333 | 1343 | rVB  | 61338  | 115641 | 19.25%  | 2.389%  |
| 53 | 10.183 | 1355 | 1358 | 1361 | rVB5 | 1868   | 2019   | 0.34%   | 0.042%  |
| 54 | 10.213 | 1361 | 1363 | 1366 | rBV4 | 2396   | 2613   | 0.43%   | 0.054%  |
| 55 | 10.323 | 1374 | 1381 | 1388 | rBV  | 256312 | 435054 | 72.40%  | 8.987%  |
| 56 | 10.506 | 1406 | 1411 | 1415 | rVB8 | 6147   | 9073   | 1.51%   | 0.187%  |
| 57 | 10.579 | 1417 | 1423 | 1434 | rVB  | 43759  | 79536  | 13.24%  | 1.643%  |
| 58 | 10.701 | 1439 | 1443 | 1449 | rVV3 | 7366   | 12893  | 2.15%   | 0.266%  |
| 59 | 10.786 | 1453 | 1457 | 1460 | rBV6 | 1931   | 2779   | 0.46%   | 0.057%  |
| 60 | 10.927 | 1473 | 1480 | 1488 | rBV  | 91854  | 163234 | 27.17%  | 3.372%  |
| 61 | 11.067 | 1497 | 1503 | 1512 | rVB4 | 14413  | 29994  | 4.99%   | 0.620%  |
| 62 | 11.506 | 1573 | 1575 | 1578 | rVB4 | 1074   | 1111   | 0.18%   | 0.023%  |
| 63 | 11.548 | 1578 | 1582 | 1584 | rBV5 | 1575   | 2130   | 0.35%   | 0.044%  |
| 64 | 11.573 | 1584 | 1586 | 1588 | rBV3 | 1636   | 1910   | 0.32%   | 0.039%  |
| 65 | 11.628 | 1588 | 1595 | 1605 | rVV  | 353875 | 600888 | 100.00% | 12.413% |
| 66 | 11.829 | 1625 | 1628 | 1635 | rVB5 | 5118   | 8603   | 1.43%   | 0.178%  |
| 67 | 12.000 | 1654 | 1656 | 1657 | rBV2 | 1592   | 1607   | 0.27%   | 0.033%  |
| 68 | 12.109 | 1671 | 1674 | 1677 | rBV4 | 1718   | 2339   | 0.39%   | 0.048%  |
| 69 | 12.170 | 1677 | 1684 | 1689 | rVV4 | 2451   | 6882   | 1.15%   | 0.142%  |
| 70 | 12.341 | 1707 | 1712 | 1716 | rBV7 | 4792   | 8158   | 1.36%   | 0.169%  |
| 71 | 12.438 | 1725 | 1728 | 1731 | rBV5 | 1630   | 2618   | 0.44%   | 0.054%  |
| 72 | 12.475 | 1731 | 1734 | 1736 | rVV4 | 1512   | 1961   | 0.33%   | 0.041%  |
| 73 | 12.603 | 1750 | 1755 | 1760 | rVB4 | 9720   | 17600  | 2.93%   | 0.364%  |
| 74 | 12.688 | 1763 | 1769 | 1776 | rVV  | 135083 | 230625 | 38.38%  | 4.764%  |
| 75 | 12.859 | 1794 | 1797 | 1802 | rVB7 | 2895   | 4165   | 0.69%   | 0.086%  |
| 76 | 12.932 | 1802 | 1809 | 1813 | rBV9 | 7697   | 16215  | 2.70%   | 0.335%  |

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 F5B97

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  | 13.024 | 1822 | 1824 | 1825 | rBV2 | 2332   | 1854   | 0.31%  | 0.038%  |
| 78  | 13.085 | 1832 | 1834 | 1835 | rBV2 | 2947   | 2002   | 0.33%  | 0.041%  |
| 79  | 13.463 | 1892 | 1896 | 1897 | rBV3 | 2071   | 2455   | 0.41%  | 0.051%  |
| 80  | 13.554 | 1905 | 1911 | 1918 | rBV  | 327684 | 517521 | 86.13% | 10.691% |
| 81  | 13.761 | 1941 | 1945 | 1948 | rBV6 | 5861   | 8714   | 1.45%  | 0.180%  |
| 82  | 13.853 | 1953 | 1960 | 1966 | rBV  | 227642 | 382434 | 63.64% | 7.900%  |
| 83  | 14.182 | 2012 | 2014 | 2015 | rBV2 | 1715   | 1371   | 0.23%  | 0.028%  |
| 84  | 14.322 | 2032 | 2037 | 2048 | rVB2 | 9766   | 21421  | 3.56%  | 0.442%  |
| 85  | 14.493 | 2062 | 2065 | 2067 | rBV4 | 3268   | 4592   | 0.76%  | 0.095%  |
| 86  | 14.682 | 2094 | 2096 | 2098 | rVV3 | 2018   | 2119   | 0.35%  | 0.044%  |
| 87  | 14.719 | 2099 | 2102 | 2106 | rVB5 | 6463   | 8487   | 1.41%  | 0.175%  |
| 88  | 15.036 | 2150 | 2154 | 2155 | rBV4 | 1566   | 2191   | 0.36%  | 0.045%  |
| 89  | 15.084 | 2161 | 2162 | 2166 | rVB4 | 1350   | 1505   | 0.25%  | 0.031%  |
| 90  | 15.286 | 2192 | 2195 | 2196 | rBV3 | 1562   | 1519   | 0.25%  | 0.031%  |
| 91  | 15.395 | 2211 | 2213 | 2215 | rVB3 | 2295   | 1221   | 0.20%  | 0.025%  |
| 92  | 15.548 | 2236 | 2238 | 2242 | rVB5 | 3016   | 3043   | 0.51%  | 0.063%  |
| 93  | 15.682 | 2259 | 2260 | 2266 | rVB6 | 1570   | 1782   | 0.30%  | 0.037%  |
| 94  | 15.950 | 2300 | 2304 | 2305 | rBV4 | 1209   | 1422   | 0.24%  | 0.029%  |
| 95  | 16.084 | 2324 | 2326 | 2330 | rVB5 | 1631   | 1358   | 0.23%  | 0.028%  |
| 96  | 16.157 | 2336 | 2338 | 2340 | rBV3 | 1007   | 1189   | 0.20%  | 0.025%  |
| 97  | 16.267 | 2355 | 2356 | 2359 | rVB3 | 1316   | 1272   | 0.21%  | 0.026%  |
| 98  | 16.316 | 2359 | 2364 | 2365 | rBV4 | 1617   | 2750   | 0.46%  | 0.057%  |
| 99  | 16.560 | 2402 | 2404 | 2406 | rVB3 | 1800   | 1469   | 0.24%  | 0.030%  |
| 100 | 16.743 | 2431 | 2434 | 2437 | rVB5 | 1332   | 1564   | 0.26%  | 0.032%  |

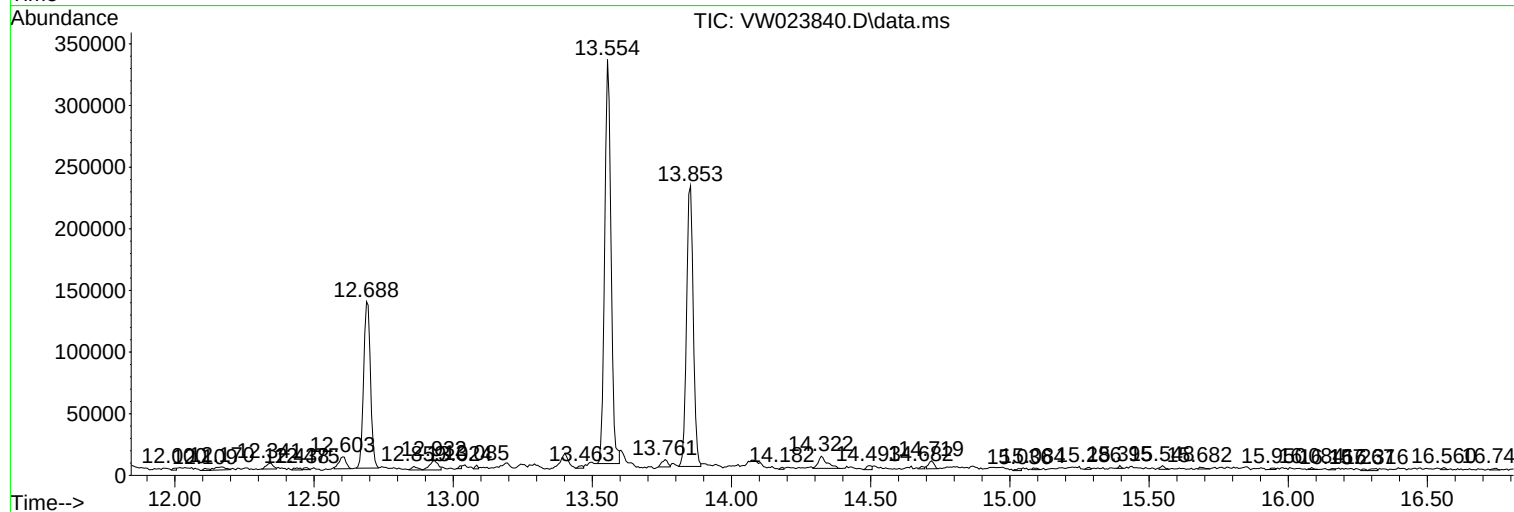
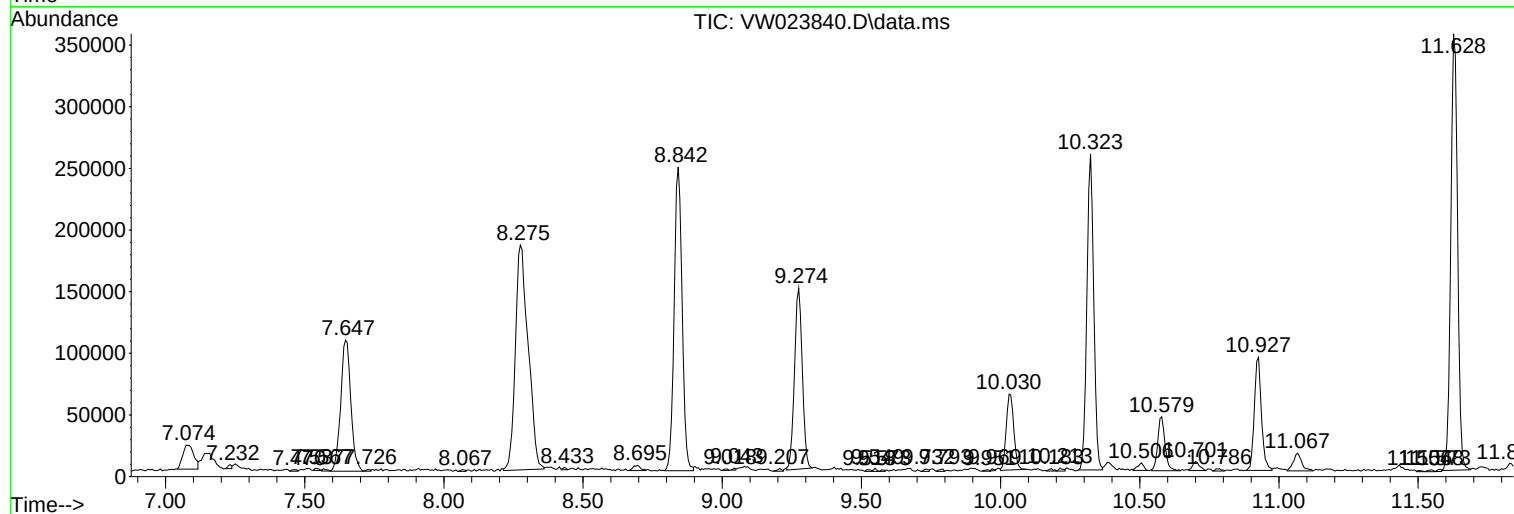
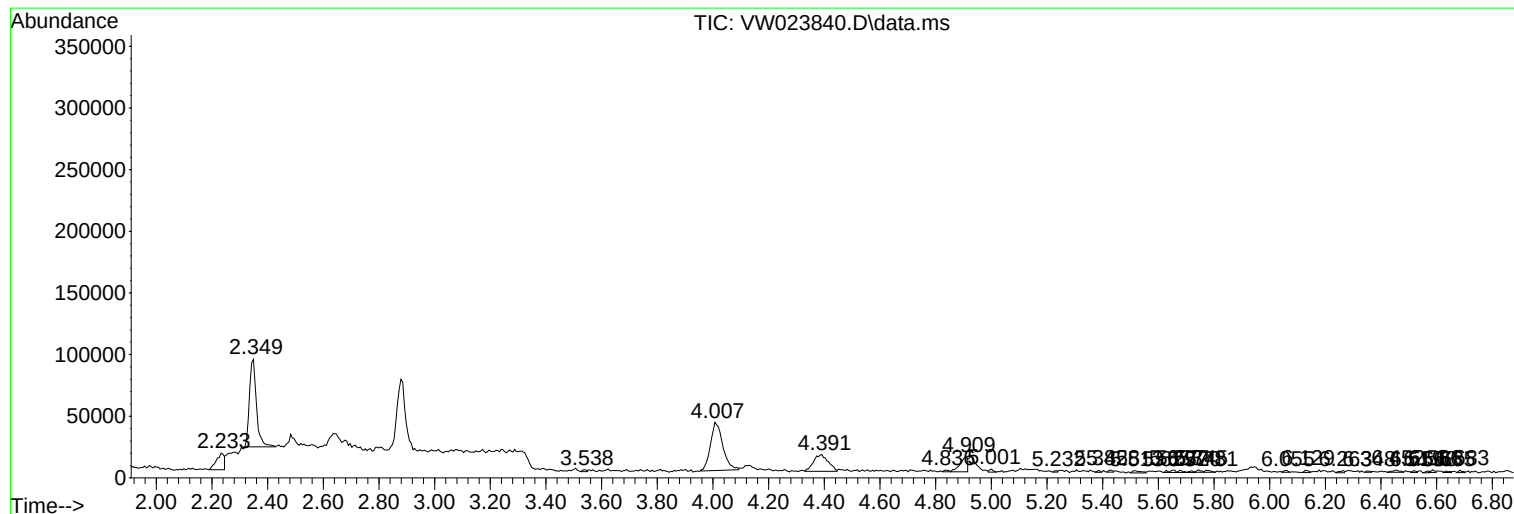
Sum of corrected areas: 4840935

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
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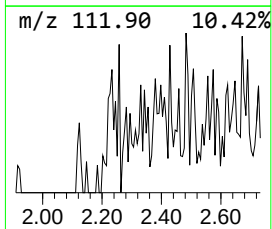
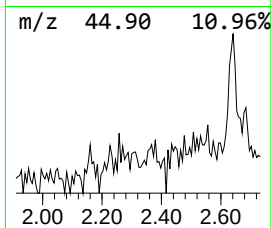
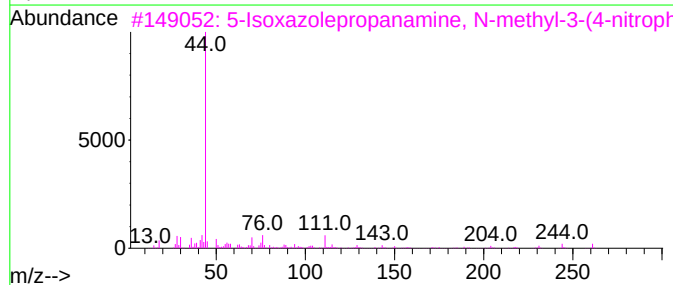
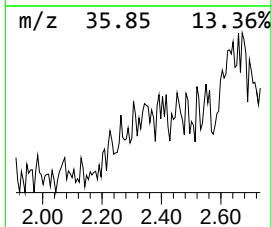
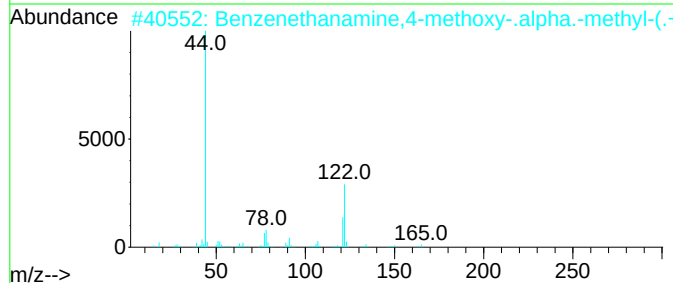
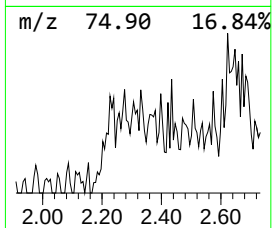
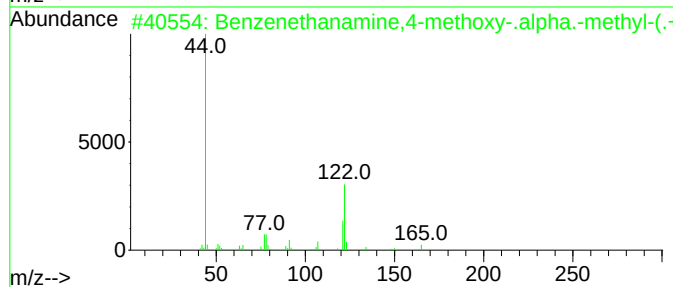
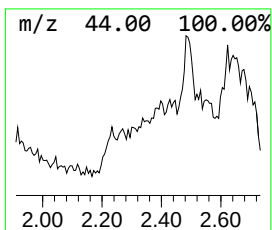
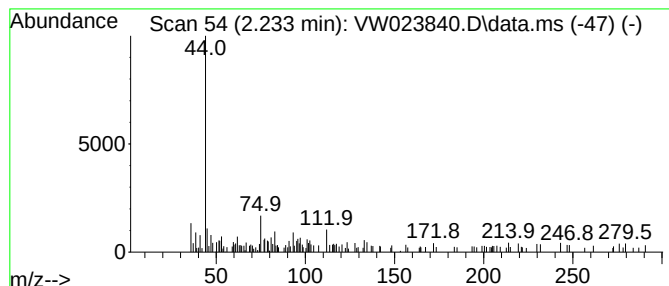
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.233 | 1.38 ug/L | 27080 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzenethanamine,4-methoxy-.alph...  | 165 | C10H15NO   | 023239-32-9  | 47   |
| 2    |    |   | Benzenethanamine,4-methoxy-.alph...  | 165 | C10H15NO   | 023239-32-9  | 47   |
| 3    |    |   | 5-Isioxazolepropanamine, N-methyl... | 261 | C13H15N3O3 | 157170-19-9  | 47   |
| 4    |    |   | 3-Propoxyamphetamine                 | 193 | C12H19NO   | 1000124-04-4 | 47   |
| 5    |    |   | 3,3-Dimethyl-4-methylamino-butan...  | 129 | C7H15NO    | 123528-99-4  | 47   |



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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       | 2.233 | 1.4     | ug/L  | 27080    | 1                     | 8.842 | 489466 | 25.0 |