

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010722\  
 Data File : VW021777.D  
 Acq On : 07 Jan 2022 15:54  
 Operator : SY/VA  
 Sample : N1053-19  
 Misc : 5.59g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLJ6

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\SFAMWLM122821SMA.M

Title : SFAM01.0

Signal : TIC: VW021777.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         | 2.355       | 68            | 74          | 83           | rBV      | 59363          | 97972         | 14.91%          | 1.918%        |
| 2         | 2.885       | 154           | 161         | 170          | rBV      | 36165          | 76203         | 11.59%          | 1.492%        |
| 3         | 3.660       | 285           | 288         | 290          | rBV      | 180            | 221           | 0.03%           | 0.004%        |
| 4         | 3.745       | 300           | 302         | 303          | rVV2     | 234            | 193           | 0.03%           | 0.004%        |
| 5         | 3.940       | 330           | 334         | 336          | rBV2     | 180            | 214           | 0.03%           | 0.004%        |
| 6         | 4.019       | 336           | 347         | 360          | rBV      | 82219          | 232072        | 35.31%          | 4.544%        |
| 7         | 4.745       | 464           | 466         | 470          | rVV      | 142            | 193           | 0.03%           | 0.004%        |
| 8         | 4.812       | 475           | 477         | 479          | rBV2     | 243            | 232           | 0.04%           | 0.005%        |
| 9         | 4.916       | 485           | 494         | 505          | rVB4     | 2309           | 7085          | 1.08%           | 0.139%        |
| 10        | 5.098       | 522           | 524         | 528          | rVB3     | 200            | 203           | 0.03%           | 0.004%        |
| 11        | 5.166       | 533           | 535         | 538          | rVV3     | 207            | 185           | 0.03%           | 0.004%        |
| 12        | 5.245       | 547           | 548         | 551          | rVB2     | 239            | 176           | 0.03%           | 0.003%        |
| 13        | 5.300       | 555           | 557         | 561          | rVB      | 353            | 327           | 0.05%           | 0.006%        |
| 14        | 5.355       | 561           | 566         | 570          | rBV2     | 246            | 496           | 0.08%           | 0.010%        |
| 15        | 5.544       | 594           | 597         | 599          | rBV      | 120            | 176           | 0.03%           | 0.003%        |
| 16        | 5.592       | 603           | 605         | 608          | rVB2     | 230            | 222           | 0.03%           | 0.004%        |
| 17        | 5.641       | 608           | 613         | 615          | rBV2     | 170            | 258           | 0.04%           | 0.005%        |
| 18        | 6.202       | 703           | 705         | 707          | rBV      | 267            | 211           | 0.03%           | 0.004%        |
| 19        | 6.507       | 752           | 755         | 756          | rBV      | 224            | 234           | 0.04%           | 0.005%        |
| 20        | 6.537       | 758           | 760         | 763          | rVB      | 203            | 226           | 0.03%           | 0.004%        |
| 21        | 6.586       | 765           | 768         | 771          | rBV2     | 228            | 285           | 0.04%           | 0.006%        |
| 22        | 6.635       | 773           | 776         | 779          | rBV2     | 315            | 361           | 0.05%           | 0.007%        |
| 23        | 6.690       | 784           | 785         | 791          | rBV      | 242            | 379           | 0.06%           | 0.007%        |
| 24        | 6.860       | 809           | 813         | 814          | rBV2     | 191            | 268           | 0.04%           | 0.005%        |
| 25        | 6.934       | 822           | 825         | 826          | rBV      | 189            | 203           | 0.03%           | 0.004%        |
| 26        | 6.988       | 832           | 834         | 836          | rBV      | 196            | 220           | 0.03%           | 0.004%        |
| 27        | 7.086       | 841           | 850         | 866          | rVV2     | 12442          | 41378         | 6.30%           | 0.810%        |
| 28        | 7.257       | 870           | 878         | 892          | rVB2     | 16533          | 42537         | 6.47%           | 0.833%        |
| 29        | 7.494       | 916           | 917         | 920          | rVB      | 278            | 209           | 0.03%           | 0.004%        |
| 30        | 7.574       | 928           | 930         | 931          | rVV      | 222            | 176           | 0.03%           | 0.003%        |
| 31        | 7.653       | 931           | 943         | 957          | rVV      | 116783         | 285033        | 43.36%          | 5.581%        |
| 32        | 7.757       | 959           | 960         | 963          | rBV2     | 200            | 214           | 0.03%           | 0.004%        |
| 33        | 8.092       | 1013          | 1015        | 1018         | rVB      | 237            | 238           | 0.04%           | 0.005%        |
| 34        | 8.275       | 1035          | 1045        | 1060         | rBV2     | 225166         | 657301        | 100.00%         | 12.871%       |
| 35        | 8.677       | 1110          | 1111        | 1112         | rBV2     | 333            | 179           | 0.03%           | 0.004%        |
| 36        | 8.756       | 1121          | 1124        | 1126         | rBV2     | 182            | 223           | 0.03%           | 0.004%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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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\SFAMWLM122821SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.842  | 1130 | 1138 | 1151 | rVV  | 220668 | 433394 | 65.94% | 8.486%  |
| 38 | 9.201  | 1193 | 1197 | 1198 | rBV  | 188    | 188    | 0.03%  | 0.004%  |
| 39 | 9.275  | 1201 | 1209 | 1219 | rVV  | 143658 | 291413 | 44.33% | 5.706%  |
| 40 | 9.421  | 1230 | 1233 | 1234 | rBV2 | 194    | 201    | 0.03%  | 0.004%  |
| 41 | 9.659  | 1270 | 1272 | 1275 | rBV2 | 260    | 277    | 0.04%  | 0.005%  |
| 42 | 9.762  | 1286 | 1289 | 1291 | rBV2 | 399    | 473    | 0.07%  | 0.009%  |
| 43 | 10.037 | 1324 | 1334 | 1343 | rBV  | 79801  | 142658 | 21.70% | 2.793%  |
| 44 | 10.122 | 1346 | 1348 | 1353 | rVV3 | 351    | 475    | 0.07%  | 0.009%  |
| 45 | 10.323 | 1372 | 1381 | 1388 | rBV  | 365343 | 631001 | 96.00% | 12.356% |
| 46 | 10.500 | 1407 | 1410 | 1415 | rVB4 | 802    | 1403   | 0.21%  | 0.027%  |
| 47 | 10.579 | 1415 | 1423 | 1430 | rBV  | 49000  | 83399  | 12.69% | 1.633%  |
| 48 | 10.701 | 1438 | 1443 | 1450 | rVB3 | 6212   | 11439  | 1.74%  | 0.224%  |
| 49 | 10.866 | 1464 | 1470 | 1474 | rVV4 | 4060   | 7237   | 1.10%  | 0.142%  |
| 50 | 10.927 | 1474 | 1480 | 1491 | rVV  | 53821  | 93881  | 14.28% | 1.838%  |
| 51 | 11.024 | 1491 | 1496 | 1500 | rBV  | 6255   | 8579   | 1.31%  | 0.168%  |
| 52 | 11.329 | 1543 | 1546 | 1550 | rBV2 | 152    | 210    | 0.03%  | 0.004%  |
| 53 | 11.421 | 1559 | 1561 | 1566 | rVB  | 225    | 297    | 0.05%  | 0.006%  |
| 54 | 11.494 | 1570 | 1573 | 1574 | rVB  | 350    | 237    | 0.04%  | 0.005%  |
| 55 | 11.628 | 1586 | 1595 | 1604 | rBV  | 318973 | 547214 | 83.25% | 10.715% |
| 56 | 11.841 | 1626 | 1630 | 1634 | rVV2 | 1001   | 1477   | 0.22%  | 0.029%  |
| 57 | 11.872 | 1634 | 1635 | 1637 | rVB  | 280    | 190    | 0.03%  | 0.004%  |
| 58 | 11.896 | 1637 | 1639 | 1643 | rVB  | 229    | 198    | 0.03%  | 0.004%  |
| 59 | 12.176 | 1679 | 1685 | 1688 | rVV6 | 447    | 896    | 0.14%  | 0.018%  |
| 60 | 12.292 | 1700 | 1704 | 1708 | rVB  | 228    | 457    | 0.07%  | 0.009%  |
| 61 | 12.329 | 1708 | 1710 | 1712 | rBV2 | 276    | 333    | 0.05%  | 0.007%  |
| 62 | 12.414 | 1721 | 1724 | 1726 | rBV  | 236    | 263    | 0.04%  | 0.005%  |
| 63 | 12.463 | 1730 | 1732 | 1738 | rVB4 | 810    | 1228   | 0.19%  | 0.024%  |
| 64 | 12.597 | 1747 | 1754 | 1763 | rBV3 | 9244   | 19707  | 3.00%  | 0.386%  |
| 65 | 12.689 | 1763 | 1769 | 1776 | rBV  | 105363 | 178256 | 27.12% | 3.490%  |
| 66 | 12.786 | 1784 | 1785 | 1788 | rVB3 | 599    | 480    | 0.07%  | 0.009%  |
| 67 | 12.878 | 1794 | 1800 | 1801 | rBV3 | 399    | 755    | 0.11%  | 0.015%  |
| 68 | 12.957 | 1804 | 1813 | 1816 | rBV5 | 1600   | 3818   | 0.58%  | 0.075%  |
| 69 | 13.103 | 1834 | 1837 | 1838 | rBV2 | 426    | 373    | 0.06%  | 0.007%  |
| 70 | 13.195 | 1848 | 1852 | 1858 | rVB4 | 3563   | 6693   | 1.02%  | 0.131%  |
| 71 | 13.402 | 1879 | 1886 | 1892 | rBV4 | 5406   | 11246  | 1.71%  | 0.220%  |
| 72 | 13.554 | 1904 | 1911 | 1918 | rBV  | 377518 | 602992 | 91.74% | 11.807% |
| 73 | 13.755 | 1941 | 1944 | 1951 | rVB2 | 2948   | 5468   | 0.83%  | 0.107%  |
| 74 | 13.853 | 1953 | 1960 | 1967 | rBV  | 319823 | 535962 | 81.54% | 10.495% |
| 75 | 13.987 | 1980 | 1982 | 1985 | rVB5 | 367    | 362    | 0.06%  | 0.007%  |
| 76 | 14.030 | 1987 | 1989 | 1990 | rBV2 | 409    | 365    | 0.06%  | 0.007%  |

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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\SFAMWLM122821SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |      |       |       |        |
|-----|--------|------|------|------|------|------|-------|-------|--------|
| 77  | 14.060 | 1990 | 1994 | 2004 | rVV2 | 8153 | 13760 | 2.09% | 0.269% |
| 78  | 14.237 | 2021 | 2023 | 2024 | rBV  | 225  | 226   | 0.03% | 0.004% |
| 79  | 14.420 | 2050 | 2053 | 2056 | rVB3 | 530  | 762   | 0.12% | 0.015% |
| 80  | 14.615 | 2082 | 2085 | 2086 | rBV  | 226  | 220   | 0.03% | 0.004% |
| 81  | 14.658 | 2090 | 2092 | 2094 | rVB  | 496  | 355   | 0.05% | 0.007% |
| 82  | 14.694 | 2094 | 2098 | 2099 | rBV  | 772  | 984   | 0.15% | 0.019% |
| 83  | 14.956 | 2138 | 2141 | 2145 | rBV2 | 258  | 429   | 0.07% | 0.008% |
| 84  | 15.048 | 2153 | 2156 | 2159 | rBV3 | 326  | 369   | 0.06% | 0.007% |
| 85  | 15.286 | 2193 | 2195 | 2198 | rVB  | 464  | 379   | 0.06% | 0.007% |
| 86  | 15.395 | 2211 | 2213 | 2214 | rBV  | 447  | 367   | 0.06% | 0.007% |
| 87  | 15.432 | 2214 | 2219 | 2224 | rVV  | 6395 | 10227 | 1.56% | 0.200% |
| 88  | 15.481 | 2224 | 2227 | 2231 | rVB2 | 870  | 1314  | 0.20% | 0.026% |
| 89  | 15.590 | 2243 | 2245 | 2247 | rVB3 | 375  | 321   | 0.05% | 0.006% |
| 90  | 15.633 | 2251 | 2252 | 2255 | rVB3 | 240  | 245   | 0.04% | 0.005% |
| 91  | 15.658 | 2255 | 2256 | 2257 | rBV  | 341  | 202   | 0.03% | 0.004% |
| 92  | 15.737 | 2266 | 2269 | 2271 | rBV  | 439  | 441   | 0.07% | 0.009% |
| 93  | 15.792 | 2272 | 2278 | 2282 | rVV5 | 928  | 1839  | 0.28% | 0.036% |
| 94  | 15.956 | 2302 | 2305 | 2310 | rVB3 | 709  | 1083  | 0.16% | 0.021% |
| 95  | 16.298 | 2359 | 2361 | 2364 | rVB2 | 362  | 311   | 0.05% | 0.006% |
| 96  | 16.353 | 2368 | 2370 | 2373 | rBV2 | 338  | 417   | 0.06% | 0.008% |
| 97  | 16.474 | 2388 | 2390 | 2392 | rBV2 | 266  | 206   | 0.03% | 0.004% |
| 98  | 16.499 | 2392 | 2394 | 2396 | rVB  | 469  | 270   | 0.04% | 0.005% |
| 99  | 16.590 | 2407 | 2409 | 2410 | rBV  | 266  | 188   | 0.03% | 0.004% |
| 100 | 16.737 | 2432 | 2433 | 2436 | rBV2 | 422  | 276   | 0.04% | 0.005% |

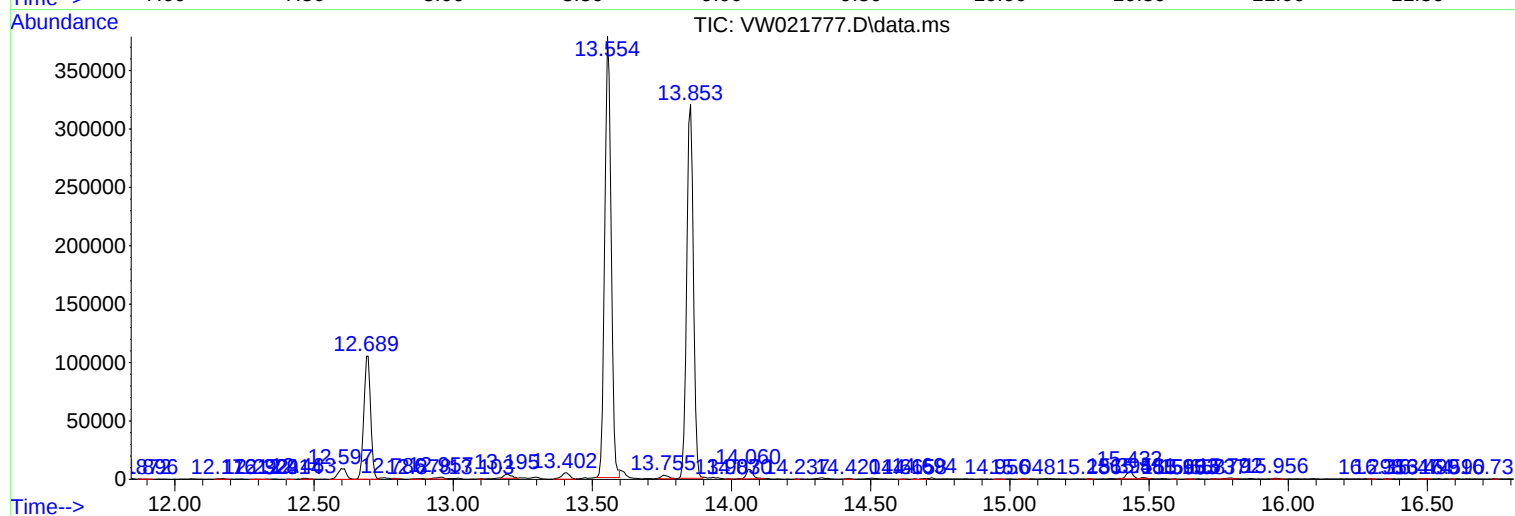
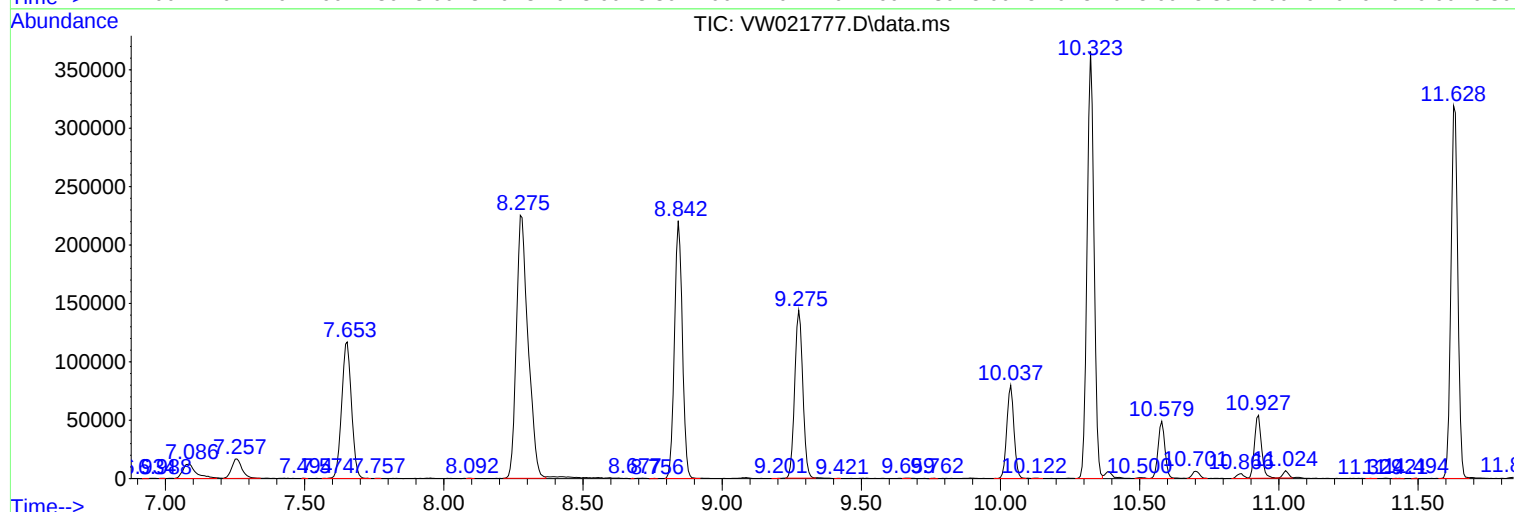
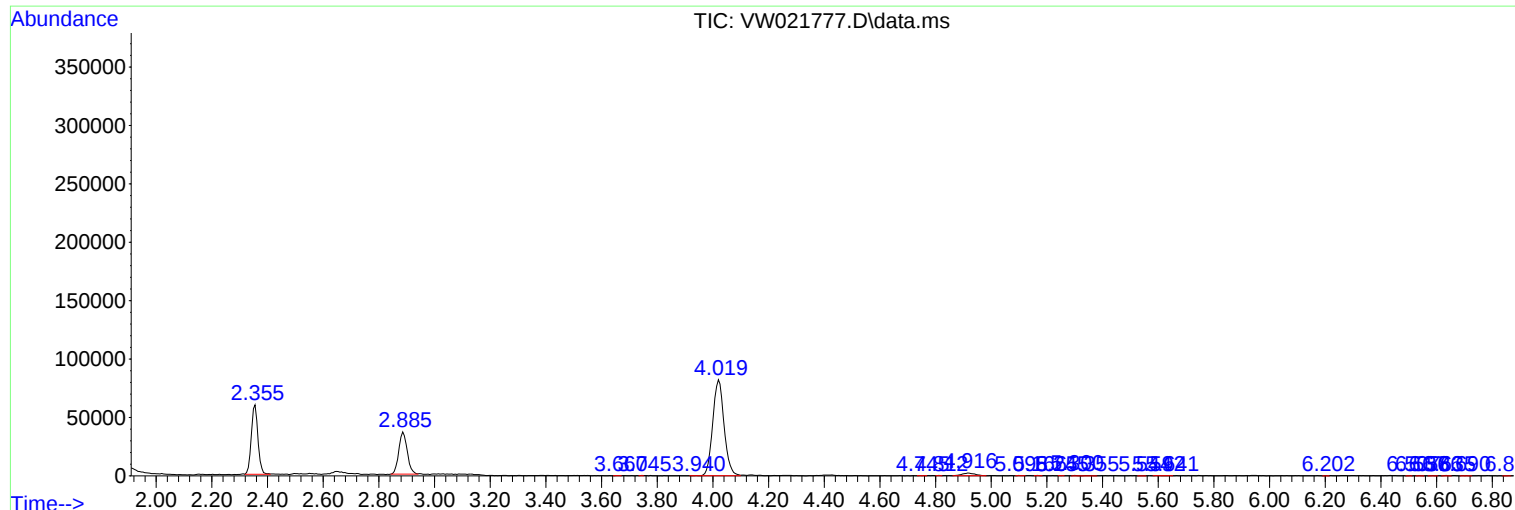
Sum of corrected areas: 5106989

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010722\  
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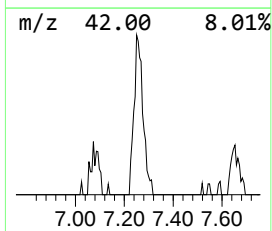
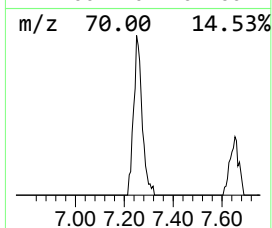
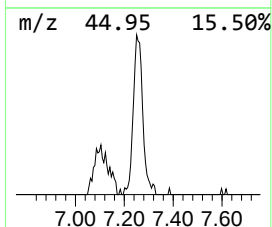
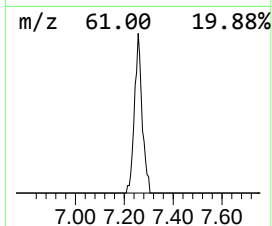
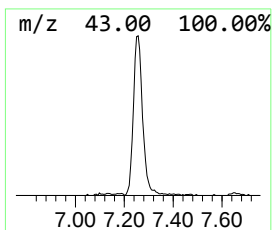
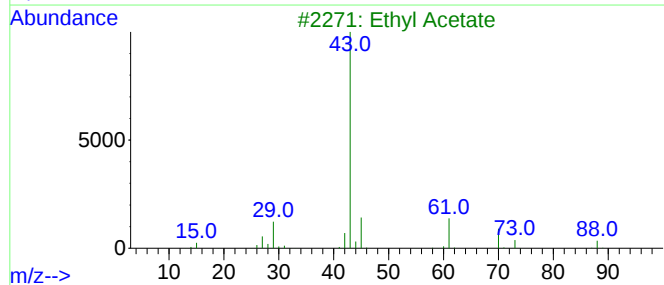
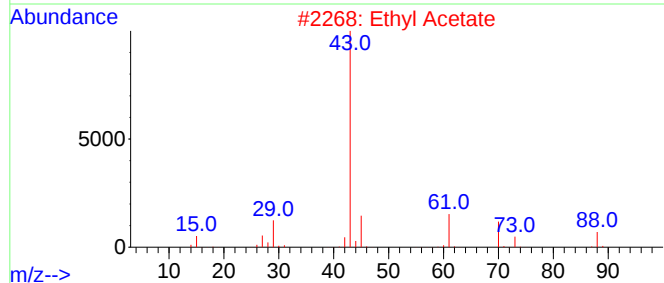
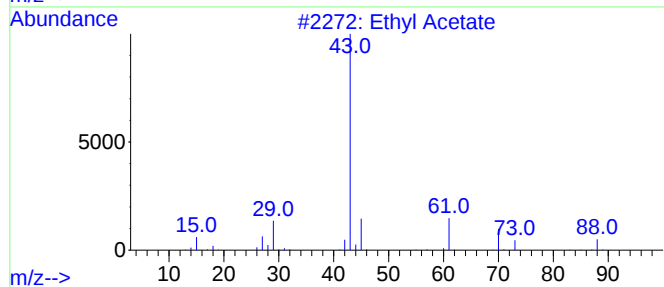
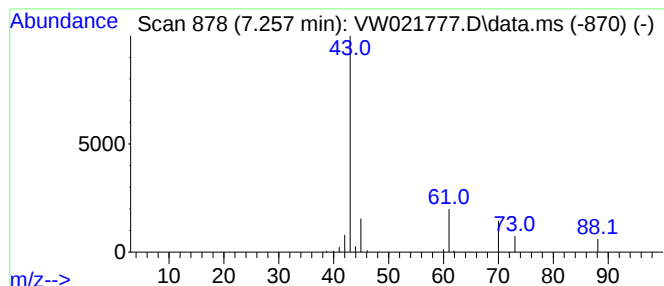
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.257 | 2.45 ug/L | 42537 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 3    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 64   |
| 4    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 64   |
| 5    |    |   | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 50   |



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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate    | 7.257 | 2.5     | ug/L  | 42537    | 1                     | 8.842 | 433394 | 25.0 |