

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070124\  
 Data File : VW029417.D  
 Acq On : 01 Jul 2024 09:51  
 Operator : SY/MD  
 Sample : VW0701SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK514

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\SFAMWLM061824SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029417.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         | 2.369       | 73            | 79          | 95           | rVB      | 48854          | 109485        | 11.67%          | 1.589%        |
| 2         | 2.905       | 160           | 167         | 186          | rVB2     | 35693          | 104805        | 11.17%          | 1.521%        |
| 3         | 3.655       | 288           | 290         | 293          | rVB2     | 537            | 358           | 0.04%           | 0.005%        |
| 4         | 3.679       | 293           | 294         | 296          | rBV2     | 438            | 349           | 0.04%           | 0.005%        |
| 5         | 3.722       | 298           | 301         | 304          | rBV4     | 557            | 665           | 0.07%           | 0.010%        |
| 6         | 3.911       | 330           | 332         | 337          | rVB3     | 397            | 407           | 0.04%           | 0.006%        |
| 7         | 3.948       | 337           | 338         | 340          | rBV      | 482            | 462           | 0.05%           | 0.007%        |
| 8         | 4.021       | 341           | 350         | 371          | rVV      | 96371          | 283402        | 30.20%          | 4.112%        |
| 9         | 4.277       | 390           | 392         | 395          | rVB3     | 655            | 661           | 0.07%           | 0.010%        |
| 10        | 4.502       | 427           | 429         | 430          | rBV2     | 347            | 290           | 0.03%           | 0.004%        |
| 11        | 4.929       | 488           | 499         | 510          | rBV5     | 3514           | 12780         | 1.36%           | 0.185%        |
| 12        | 5.033       | 515           | 516         | 519          | rVB3     | 399            | 292           | 0.03%           | 0.004%        |
| 13        | 5.118       | 526           | 530         | 531          | rBV2     | 510            | 643           | 0.07%           | 0.009%        |
| 14        | 5.161       | 534           | 537         | 540          | rVB5     | 586            | 853           | 0.09%           | 0.012%        |
| 15        | 5.386       | 572           | 574         | 576          | rBV3     | 303            | 345           | 0.04%           | 0.005%        |
| 16        | 5.594       | 607           | 608         | 613          | rVB3     | 525            | 398           | 0.04%           | 0.006%        |
| 17        | 5.636       | 613           | 615         | 618          | rBV      | 281            | 285           | 0.03%           | 0.004%        |
| 18        | 5.661       | 618           | 619         | 625          | rVB3     | 440            | 553           | 0.06%           | 0.008%        |
| 19        | 5.710       | 625           | 627         | 629          | rBV2     | 376            | 304           | 0.03%           | 0.004%        |
| 20        | 5.838       | 647           | 648         | 650          | rBV2     | 423            | 321           | 0.03%           | 0.005%        |
| 21        | 6.027       | 676           | 679         | 680          | rBV3     | 518            | 598           | 0.06%           | 0.009%        |
| 22        | 6.075       | 683           | 687         | 690          | rBV3     | 657            | 684           | 0.07%           | 0.010%        |
| 23        | 6.209       | 707           | 709         | 712          | rBV2     | 420            | 370           | 0.04%           | 0.005%        |
| 24        | 6.295       | 720           | 723         | 725          | rBV3     | 415            | 445           | 0.05%           | 0.006%        |
| 25        | 6.380       | 735           | 737         | 740          | rVB4     | 298            | 363           | 0.04%           | 0.005%        |
| 26        | 6.527       | 758           | 761         | 763          | rBV2     | 623            | 572           | 0.06%           | 0.008%        |
| 27        | 6.557       | 763           | 766         | 767          | rVV3     | 453            | 366           | 0.04%           | 0.005%        |
| 28        | 6.648       | 779           | 781         | 785          | rVB2     | 435            | 534           | 0.06%           | 0.008%        |
| 29        | 6.722       | 792           | 793         | 797          | rVB3     | 315            | 333           | 0.04%           | 0.005%        |
| 30        | 6.935       | 826           | 828         | 829          | rVB2     | 511            | 309           | 0.03%           | 0.004%        |
| 31        | 7.081       | 843           | 852         | 860          | rBV      | 26737          | 85374         | 9.10%           | 1.239%        |
| 32        | 7.380       | 898           | 901         | 902          | rBV3     | 340            | 328           | 0.03%           | 0.005%        |
| 33        | 7.435       | 909           | 910         | 912          | rVB2     | 594            | 351           | 0.04%           | 0.005%        |
| 34        | 7.520       | 921           | 924         | 925          | rBV3     | 488            | 593           | 0.06%           | 0.009%        |
| 35        | 7.539       | 925           | 927         | 930          | rVV4     | 452            | 417           | 0.04%           | 0.006%        |
| 36        | 7.648       | 935           | 945         | 956          | rBV      | 161505         | 408272        | 43.51%          | 5.924%        |

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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\SFAMWLM061824SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 8.057  | 1010 | 1012 | 1015 | rVB2 | 624    | 571    | 0.06%   | 0.008%  |
| 38 | 8.081  | 1015 | 1016 | 1019 | rBV  | 659    | 469    | 0.05%   | 0.007%  |
| 39 | 8.276  | 1038 | 1048 | 1064 | rBV2 | 320137 | 938382 | 100.00% | 13.615% |
| 40 | 8.557  | 1092 | 1094 | 1097 | rBV2 | 464    | 647    | 0.07%   | 0.009%  |
| 41 | 8.618  | 1100 | 1104 | 1107 | rBV4 | 572    | 817    | 0.09%   | 0.012%  |
| 42 | 8.672  | 1111 | 1113 | 1117 | rBV4 | 296    | 324    | 0.03%   | 0.005%  |
| 43 | 8.843  | 1131 | 1141 | 1153 | rBV  | 335869 | 666593 | 71.04%  | 9.672%  |
| 44 | 9.044  | 1172 | 1174 | 1177 | rBV3 | 839    | 762    | 0.08%   | 0.011%  |
| 45 | 9.081  | 1177 | 1180 | 1186 | rVB6 | 1143   | 1913   | 0.20%   | 0.028%  |
| 46 | 9.166  | 1193 | 1194 | 1197 | rVB2 | 687    | 497    | 0.05%   | 0.007%  |
| 47 | 9.215  | 1198 | 1202 | 1203 | rBV3 | 429    | 581    | 0.06%   | 0.008%  |
| 48 | 9.276  | 1203 | 1212 | 1222 | rBV  | 226297 | 465288 | 49.58%  | 6.751%  |
| 49 | 9.428  | 1235 | 1237 | 1239 | rBV2 | 563    | 596    | 0.06%   | 0.009%  |
| 50 | 9.581  | 1259 | 1262 | 1263 | rBV3 | 321    | 298    | 0.03%   | 0.004%  |
| 51 | 9.672  | 1271 | 1277 | 1278 | rBV5 | 866    | 1091   | 0.12%   | 0.016%  |
| 52 | 9.800  | 1292 | 1298 | 1301 | rBV4 | 381    | 937    | 0.10%   | 0.014%  |
| 53 | 9.934  | 1317 | 1320 | 1321 | rBV3 | 449    | 384    | 0.04%   | 0.006%  |
| 54 | 10.032 | 1329 | 1336 | 1348 | rVV  | 111162 | 208689 | 22.24%  | 3.028%  |
| 55 | 10.325 | 1376 | 1384 | 1401 | rVV  | 440509 | 769419 | 81.99%  | 11.164% |
| 56 | 10.526 | 1415 | 1417 | 1419 | rBV3 | 628    | 544    | 0.06%   | 0.008%  |
| 57 | 10.575 | 1419 | 1425 | 1437 | rVV  | 70941  | 129615 | 13.81%  | 1.881%  |
| 58 | 10.703 | 1440 | 1446 | 1453 | rVB2 | 12251  | 22745  | 2.42%   | 0.330%  |
| 59 | 10.825 | 1464 | 1466 | 1468 | rBV3 | 368    | 317    | 0.03%   | 0.005%  |
| 60 | 10.922 | 1476 | 1482 | 1493 | rBV  | 93989  | 166308 | 17.72%  | 2.413%  |
| 61 | 11.056 | 1500 | 1504 | 1514 | rVB2 | 6887   | 13475  | 1.44%   | 0.196%  |
| 62 | 11.282 | 1539 | 1541 | 1544 | rBV2 | 540    | 538    | 0.06%   | 0.008%  |
| 63 | 11.629 | 1590 | 1598 | 1607 | rBV  | 483337 | 795392 | 84.76%  | 11.540% |
| 64 | 11.977 | 1653 | 1655 | 1658 | rVB3 | 667    | 746    | 0.08%   | 0.011%  |
| 65 | 12.001 | 1658 | 1659 | 1661 | rBV2 | 485    | 434    | 0.05%   | 0.006%  |
| 66 | 12.172 | 1683 | 1687 | 1693 | rBV5 | 853    | 1696   | 0.18%   | 0.025%  |
| 67 | 12.330 | 1711 | 1713 | 1716 | rBV3 | 406    | 458    | 0.05%   | 0.007%  |
| 68 | 12.355 | 1716 | 1717 | 1720 | rVV2 | 574    | 368    | 0.04%   | 0.005%  |
| 69 | 12.391 | 1721 | 1723 | 1724 | rVB2 | 617    | 365    | 0.04%   | 0.005%  |
| 70 | 12.410 | 1724 | 1726 | 1728 | rBV2 | 474    | 449    | 0.05%   | 0.007%  |
| 71 | 12.464 | 1733 | 1735 | 1737 | rVB2 | 708    | 499    | 0.05%   | 0.007%  |
| 72 | 12.513 | 1742 | 1743 | 1747 | rVB2 | 534    | 348    | 0.04%   | 0.005%  |
| 73 | 12.605 | 1750 | 1758 | 1765 | rBV2 | 9371   | 18200  | 1.94%   | 0.264%  |
| 74 | 12.690 | 1765 | 1772 | 1781 | rBV  | 164187 | 270237 | 28.80%  | 3.921%  |
| 75 | 12.788 | 1787 | 1788 | 1791 | rVB2 | 394    | 295    | 0.03%   | 0.004%  |
| 76 | 12.812 | 1791 | 1792 | 1794 | rBV2 | 558    | 398    | 0.04%   | 0.006%  |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VBLK514

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\SFAMWLM061824SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 12.836 | 1794 | 1796 | 1799 | rVB  | 486    | 354    | 0.04%  | 0.005%  |
| 78  | 12.885 | 1802 | 1804 | 1807 | rBV2 | 306    | 419    | 0.04%  | 0.006%  |
| 79  | 12.934 | 1807 | 1812 | 1820 | rVV6 | 2453   | 4853   | 0.52%  | 0.070%  |
| 80  | 13.038 | 1826 | 1829 | 1832 | rVB2 | 436    | 472    | 0.05%  | 0.007%  |
| 81  | 13.117 | 1839 | 1842 | 1843 | rBV2 | 584    | 370    | 0.04%  | 0.005%  |
| 82  | 13.166 | 1846 | 1850 | 1852 | rVB2 | 428    | 567    | 0.06%  | 0.008%  |
| 83  | 13.556 | 1907 | 1914 | 1928 | rBV  | 453678 | 716689 | 76.37% | 10.398% |
| 84  | 13.848 | 1954 | 1962 | 1970 | rBV  | 393076 | 640490 | 68.25% | 9.293%  |
| 85  | 14.001 | 1985 | 1987 | 1990 | rVB4 | 648    | 489    | 0.05%  | 0.007%  |
| 86  | 14.062 | 1991 | 1997 | 2003 | rVV  | 8856   | 14536  | 1.55%  | 0.211%  |
| 87  | 14.135 | 2007 | 2009 | 2011 | rBV3 | 629    | 484    | 0.05%  | 0.007%  |
| 88  | 14.171 | 2013 | 2015 | 2017 | rBV2 | 394    | 298    | 0.03%  | 0.004%  |
| 89  | 14.245 | 2025 | 2027 | 2028 | rBV2 | 509    | 306    | 0.03%  | 0.004%  |
| 90  | 14.324 | 2035 | 2040 | 2046 | rBV5 | 1812   | 3942   | 0.42%  | 0.057%  |
| 91  | 14.556 | 2076 | 2078 | 2082 | rVB2 | 465    | 450    | 0.05%  | 0.007%  |
| 92  | 14.677 | 2097 | 2098 | 2100 | rBV2 | 471    | 452    | 0.05%  | 0.007%  |
| 93  | 14.720 | 2100 | 2105 | 2109 | rVB5 | 1251   | 2531   | 0.27%  | 0.037%  |
| 94  | 14.812 | 2118 | 2120 | 2124 | rBV5 | 565    | 488    | 0.05%  | 0.007%  |
| 95  | 15.165 | 2176 | 2178 | 2183 | rBV5 | 779    | 1414   | 0.15%  | 0.021%  |
| 96  | 15.525 | 2235 | 2237 | 2238 | rBV2 | 712    | 502    | 0.05%  | 0.007%  |
| 97  | 15.677 | 2260 | 2262 | 2263 | rBV2 | 537    | 471    | 0.05%  | 0.007%  |
| 98  | 16.287 | 2360 | 2362 | 2363 | rBV2 | 519    | 320    | 0.03%  | 0.005%  |
| 99  | 16.415 | 2379 | 2383 | 2385 | rBV2 | 742    | 1134   | 0.12%  | 0.016%  |
| 100 | 16.476 | 2389 | 2393 | 2396 | rBV6 | 603    | 952    | 0.10%  | 0.014%  |

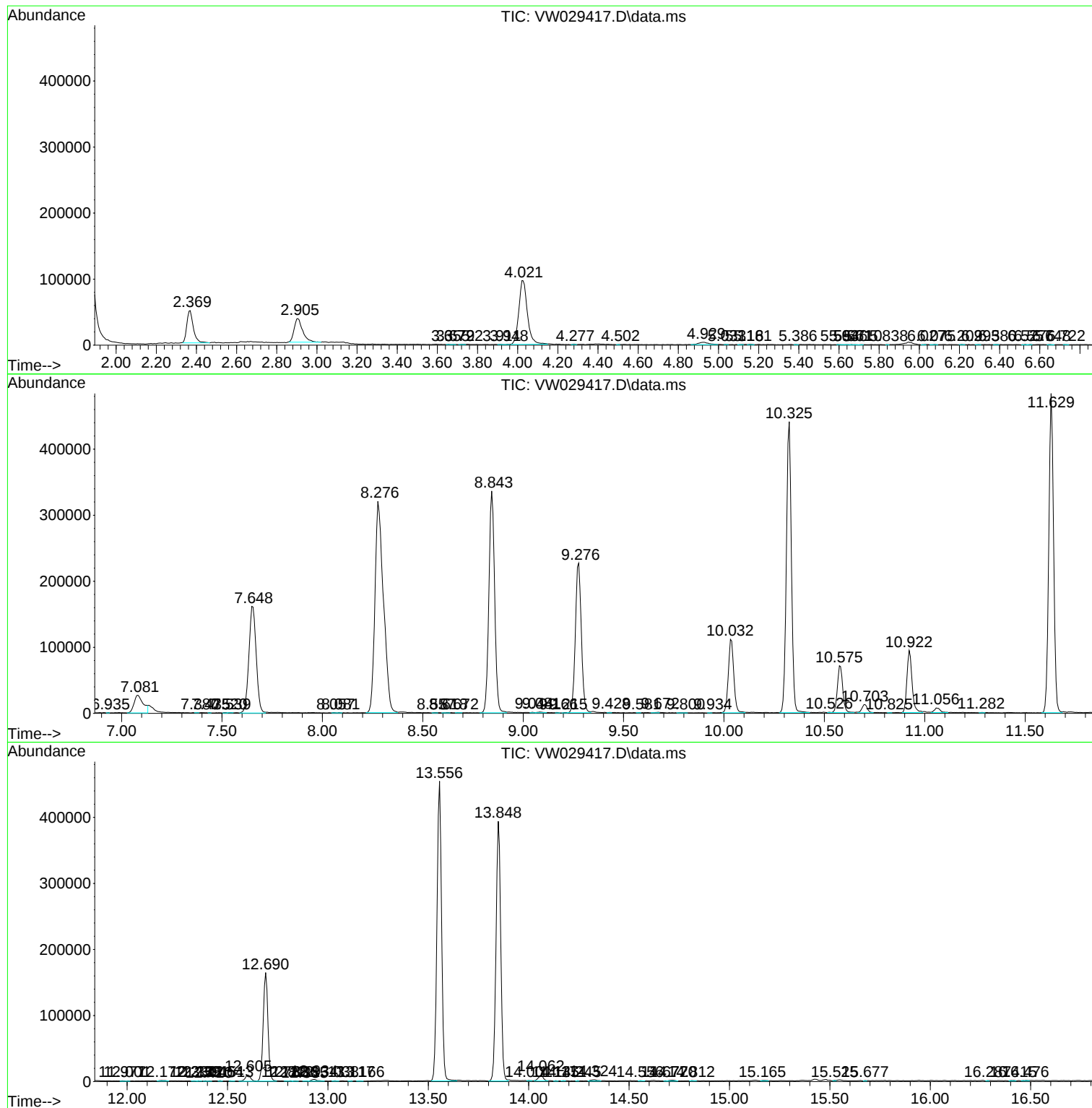
Sum of corrected areas: 6892235

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070124\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0

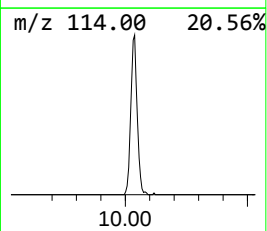
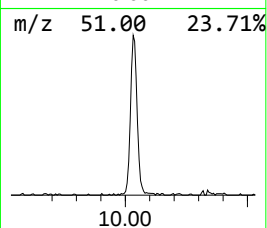
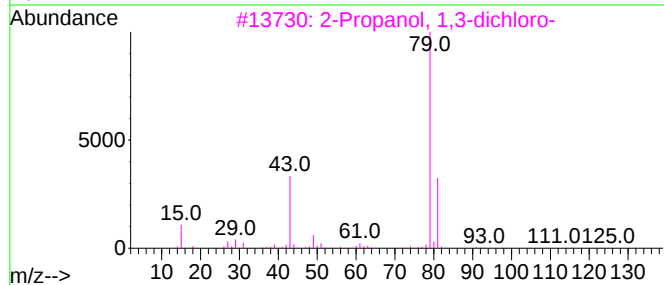
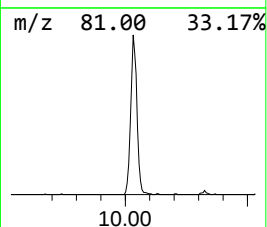
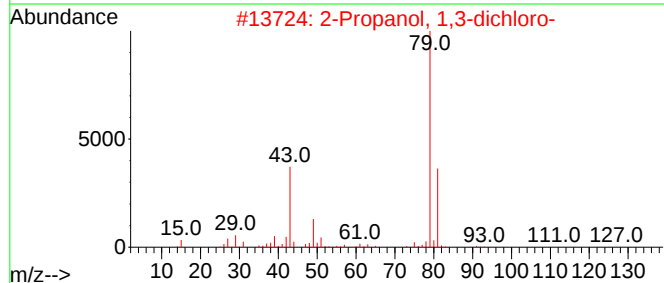
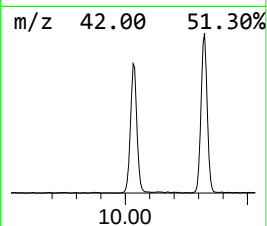
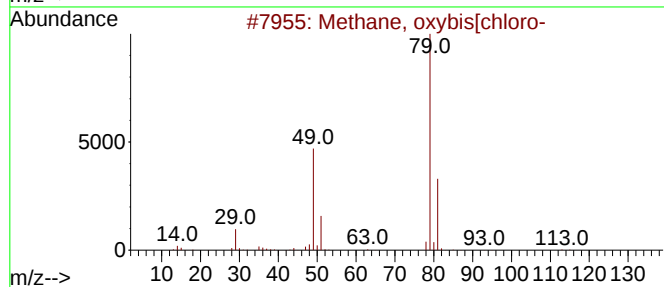
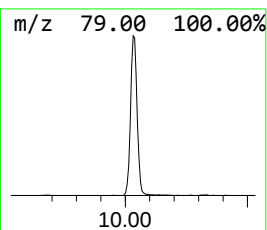
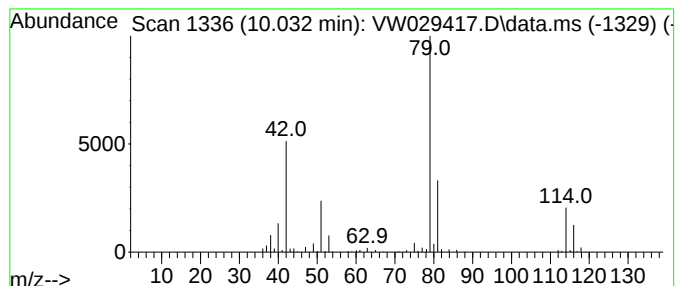
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD    | R.T.  |
|--------|-----------|--------|---------------------|-------|
| 10.032 | 7.83 ug/L | 208689 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 23   |
| 2    |    |   | 2-Propanol, 1,3-dichloro-           | 128 | C3H6Cl2O | 000096-23-1  | 23   |
| 3    |    |   | 2-Propanol, 1,3-dichloro-           | 128 | C3H6Cl2O | 000096-23-1  | 17   |
| 4    |    |   | Cyclopropane                        | 42  | C3H6     | 000075-19-4  | 9    |
| 5    |    |   | 3-Thiatricyclo[3.1.1.0(2,4)]heptane | 112 | C6H8S    | 1000221-37-0 | 9    |



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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|--------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |        |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 10.032 | 7.8     | ug/L  | 208689   | 1                     | 8.843 | 666593 | 25.0 |