

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\  
 Data File : VU037064.D  
 Acq On : 05 Mar 2020 02:02  
 Operator : JC/MD  
 Sample : L1780-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DH1

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.366    | 3          | 8        | 22        | rVB   | 108999      | 107139     | 0.03%        | 0.012%     |
| 2      | 1.475    | 34         | 42       | 55        | rBV   | 50122       | 98221      | 0.02%        | 0.011%     |
| 3      | 1.610    | 77         | 84       | 95        | rVB   | 146151      | 151006     | 0.04%        | 0.017%     |
| 4      | 1.916    | 171        | 179      | 195       | rVB   | 119977      | 164237     | 0.04%        | 0.019%     |
| 5      | 2.504    | 360        | 362      | 371       | rVB2  | 347         | 285        | 0.00%        | 0.000%     |
| 6      | 2.584    | 374        | 387      | 403       | rVV   | 207355      | 345647     | 0.08%        | 0.039%     |
| 7      | 2.655    | 403        | 409      | 421       | rVB3  | 5599        | 9061       | 0.00%        | 0.001%     |
| 8      | 2.809    | 439        | 457      | 473       | rBV2  | 40515       | 111017     | 0.03%        | 0.013%     |
| 9      | 2.983    | 506        | 511      | 513       | rBV2  | 310         | 275        | 0.00%        | 0.000%     |
| 10     | 2.996    | 513        | 515      | 518       | rVB   | 282         | 159        | 0.00%        | 0.000%     |
| 11     | 3.073    | 526        | 539      | 554       | rBV3  | 20982       | 48098      | 0.01%        | 0.005%     |
| 12     | 3.163    | 555        | 567      | 579       | rVV   | 62706       | 122287     | 0.03%        | 0.014%     |
| 13     | 3.388    | 626        | 637      | 650       | rVB5  | 4666        | 10102      | 0.00%        | 0.001%     |
| 14     | 3.530    | 679        | 681      | 685       | rVB   | 222         | 165        | 0.00%        | 0.000%     |
| 15     | 3.555    | 685        | 689      | 695       | rBV2  | 300         | 289        | 0.00%        | 0.000%     |
| 16     | 3.687    | 720        | 730      | 731       | rBV   | 232         | 209        | 0.00%        | 0.000%     |
| 17     | 3.729    | 733        | 743      | 757       | rVB5  | 2973        | 6353       | 0.00%        | 0.001%     |
| 18     | 3.877    | 784        | 789      | 791       | rBV2  | 299         | 225        | 0.00%        | 0.000%     |
| 19     | 3.916    | 795        | 801      | 805       | rBV2  | 358         | 381        | 0.00%        | 0.000%     |
| 20     | 3.964    | 810        | 816      | 822       | rVB2  | 249         | 258        | 0.00%        | 0.000%     |
| 21     | 3.999    | 822        | 827      | 830       | rBV2  | 259         | 207        | 0.00%        | 0.000%     |
| 22     | 4.022    | 830        | 834      | 837       | rBV   | 235         | 161        | 0.00%        | 0.000%     |
| 23     | 4.080    | 849        | 852      | 855       | rVB   | 214         | 160        | 0.00%        | 0.000%     |
| 24     | 4.301    | 917        | 921      | 925       | rVB2  | 242         | 185        | 0.00%        | 0.000%     |
| 25     | 4.420    | 951        | 958      | 964       | rVB2  | 228         | 255        | 0.00%        | 0.000%     |
| 26     | 4.452    | 964        | 968      | 974       | rBV2  | 246         | 343        | 0.00%        | 0.000%     |
| 27     | 4.491    | 978        | 980      | 985       | rVB   | 183         | 158        | 0.00%        | 0.000%     |
| 28     | 4.571    | 985        | 1005     | 1022      | rBV   | 190016      | 470909     | 0.11%        | 0.053%     |
| 29     | 4.674    | 1023       | 1037     | 1070      | rVB   | 95164       | 270547     | 0.07%        | 0.031%     |
| 30     | 4.854    | 1080       | 1093     | 1117      | rVB2  | 14751       | 40497      | 0.01%        | 0.005%     |
| 31     | 5.038    | 1147       | 1150     | 1152      | rBV3  | 291         | 183        | 0.00%        | 0.000%     |
| 32     | 5.128    | 1152       | 1178     | 1208      | rBV2  | 1034403     | 2680891    | 0.65%        | 0.303%     |
| 33     | 5.314    | 1234       | 1236     | 1238      | rBV3  | 369         | 214        | 0.00%        | 0.000%     |
| 34     | 5.427    | 1255       | 1271     | 1290      | rBV   | 92472       | 227437     | 0.06%        | 0.026%     |

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Filtering: 5  
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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |       |        |
|----|-------|------|------|------|------|--------|--------|-------|--------|
| 35 | 5.568 | 1312 | 1315 | 1319 | rBV2 | 365    | 240    | 0.00% | 0.000% |
| 36 | 5.629 | 1328 | 1334 | 1336 | rBV2 | 993    | 852    | 0.00% | 0.000% |
| 37 | 5.671 | 1336 | 1347 | 1348 | rBV6 | 2277   | 3205   | 0.00% | 0.000% |
| 38 | 6.292 | 1534 | 1540 | 1558 | rVB  | 410376 | 716799 | 0.17% | 0.081% |
| 39 | 6.578 | 1614 | 1629 | 1642 | rVB2 | 42879  | 83480  | 0.02% | 0.009% |
| 40 | 6.649 | 1649 | 1651 | 1655 | rVB4 | 465    | 284    | 0.00% | 0.000% |
| 41 | 6.729 | 1662 | 1676 | 1688 | rBV  | 291237 | 574148 | 0.14% | 0.065% |
| 42 | 6.899 | 1727 | 1729 | 1734 | rBV3 | 271    | 183    | 0.00% | 0.000% |
| 43 | 6.944 | 1741 | 1743 | 1745 | rVB  | 481    | 231    | 0.00% | 0.000% |
| 44 | 6.957 | 1745 | 1747 | 1749 | rBV2 | 271    | 192    | 0.00% | 0.000% |
| 45 | 6.970 | 1749 | 1751 | 1754 | rVV3 | 498    | 420    | 0.00% | 0.000% |
| 46 | 7.015 | 1755 | 1765 | 1777 | rVB5 | 6114   | 10760  | 0.00% | 0.001% |
| 47 | 7.070 | 1780 | 1782 | 1784 | rVB  | 507    | 212    | 0.00% | 0.000% |
| 48 | 7.086 | 1784 | 1787 | 1789 | rBV2 | 302    | 205    | 0.00% | 0.000% |
| 49 | 7.218 | 1819 | 1828 | 1836 | rVB4 | 3724   | 5716   | 0.00% | 0.001% |
| 50 | 7.356 | 1868 | 1871 | 1873 | rBV3 | 500    | 281    | 0.00% | 0.000% |
| 51 | 7.440 | 1886 | 1897 | 1910 | rVB7 | 5446   | 11325  | 0.00% | 0.001% |
| 52 | 7.530 | 1923 | 1925 | 1928 | rVB2 | 346    | 200    | 0.00% | 0.000% |
| 53 | 7.597 | 1928 | 1946 | 1962 | rBV  | 151119 | 262854 | 0.06% | 0.030% |
| 54 | 7.713 | 1975 | 1982 | 1991 | rBV7 | 2191   | 3474   | 0.00% | 0.000% |
| 55 | 7.928 | 2034 | 2049 | 2062 | rBV  | 550935 | 958374 | 0.23% | 0.108% |
| 56 | 7.999 | 2062 | 2071 | 2089 | rVB  | 50454  | 90246  | 0.02% | 0.010% |
| 57 | 8.070 | 2089 | 2093 | 2094 | rBV  | 283    | 239    | 0.00% | 0.000% |
| 58 | 8.208 | 2121 | 2136 | 2153 | rBV  | 102032 | 176926 | 0.04% | 0.020% |
| 59 | 8.301 | 2162 | 2165 | 2167 | rBV2 | 231    | 171    | 0.00% | 0.000% |
| 60 | 8.353 | 2178 | 2181 | 2184 | rBV3 | 559    | 533    | 0.00% | 0.000% |
| 61 | 8.385 | 2189 | 2191 | 2194 | rBV2 | 263    | 158    | 0.00% | 0.000% |
| 62 | 8.439 | 2205 | 2208 | 2212 | rVB2 | 288    | 181    | 0.00% | 0.000% |
| 63 | 8.472 | 2216 | 2218 | 2220 | rBV2 | 264    | 162    | 0.00% | 0.000% |
| 64 | 8.491 | 2220 | 2224 | 2226 | rBV2 | 893    | 742    | 0.00% | 0.000% |
| 65 | 8.581 | 2241 | 2252 | 2265 | rBV3 | 43703  | 76910  | 0.02% | 0.009% |
| 66 | 8.681 | 2265 | 2283 | 2308 | rBV  | 231425 | 607861 | 0.15% | 0.069% |
| 67 | 8.838 | 2326 | 2332 | 2335 | rBV3 | 603    | 587    | 0.00% | 0.000% |
| 68 | 8.909 | 2351 | 2354 | 2357 | rVB3 | 224    | 171    | 0.00% | 0.000% |
| 69 | 8.980 | 2373 | 2376 | 2379 | rVB2 | 286    | 179    | 0.00% | 0.000% |
| 70 | 8.999 | 2379 | 2382 | 2389 | rVB3 | 272    | 272    | 0.00% | 0.000% |
| 71 | 9.047 | 2393 | 2397 | 2401 | rBV3 | 198    | 199    | 0.00% | 0.000% |

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 ClientSampleId :  
 C0DH1

## Integration Parameters: LSCINT.P

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 Stop Thrs : 0

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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |          |           |         |         |
|-----|--------|------|------|------|------|----------|-----------|---------|---------|
| 72  | 9.153  | 2427 | 2430 | 2435 | rVB2 | 231      | 232       | 0.00%   | 0.000%  |
| 73  | 9.218  | 2448 | 2450 | 2452 | rBV  | 316      | 179       | 0.00%   | 0.000%  |
| 74  | 9.497  | 2508 | 2537 | 2562 | rBV8 | 81642205 | 413055437 | 100.00% | 46.666% |
| 75  | 10.655 | 2893 | 2897 | 2901 | rBV4 | 541      | 565       | 0.00%   | 0.000%  |
| 76  | 10.777 | 2923 | 2935 | 2963 | rBV2 | 369981   | 872619    | 0.21%   | 0.099%  |
| 77  | 10.906 | 2972 | 2975 | 2981 | rVB4 | 1223     | 1058      | 0.00%   | 0.000%  |
| 78  | 11.009 | 2994 | 3007 | 3020 | rBV  | 58331    | 94178     | 0.02%   | 0.011%  |
| 79  | 11.066 | 3020 | 3025 | 3026 | rBV4 | 1441     | 976       | 0.00%   | 0.000%  |
| 80  | 11.118 | 3032 | 3041 | 3057 | rVB  | 35957    | 60836     | 0.01%   | 0.007%  |
| 81  | 11.208 | 3067 | 3069 | 3071 | rBV  | 326      | 226       | 0.00%   | 0.000%  |
| 82  | 11.343 | 3109 | 3111 | 3116 | rVB  | 512      | 337       | 0.00%   | 0.000%  |
| 83  | 11.529 | 3167 | 3169 | 3176 | rBV5 | 312      | 330       | 0.00%   | 0.000%  |
| 84  | 11.584 | 3183 | 3186 | 3188 | rBV3 | 384      | 241       | 0.00%   | 0.000%  |
| 85  | 11.626 | 3194 | 3199 | 3207 | rVB4 | 2034     | 2530      | 0.00%   | 0.000%  |
| 86  | 11.664 | 3208 | 3211 | 3214 | rBV2 | 601      | 487       | 0.00%   | 0.000%  |
| 87  | 11.774 | 3227 | 3245 | 3259 | rBV  | 8611994  | 18202304  | 4.41%   | 2.056%  |
| 88  | 11.877 | 3259 | 3277 | 3287 | rBV6 | 77971703 | 224626970 | 54.38%  | 25.378% |
| 89  | 12.259 | 3372 | 3396 | 3402 | rBV8 | 78762451 | 191248644 | 46.30%  | 21.607% |
| 90  | 12.992 | 3613 | 3624 | 3636 | rVB  | 100506   | 160665    | 0.04%   | 0.018%  |
| 91  | 13.095 | 3650 | 3656 | 3666 | rVB5 | 2437     | 3713      | 0.00%   | 0.000%  |
| 92  | 13.172 | 3669 | 3680 | 3686 | rBV5 | 12742    | 27571     | 0.01%   | 0.003%  |
| 93  | 13.233 | 3687 | 3699 | 3726 | rVV  | 2543657  | 4015922   | 0.97%   | 0.454%  |
| 94  | 13.352 | 3729 | 3736 | 3746 | rVB2 | 48567    | 78216     | 0.02%   | 0.009%  |
| 95  | 13.877 | 3882 | 3899 | 3918 | rBV  | 14472082 | 22653691  | 5.48%   | 2.559%  |
| 96  | 14.114 | 3966 | 3973 | 3982 | rVB  | 10128    | 16633     | 0.00%   | 0.002%  |
| 97  | 14.362 | 4037 | 4050 | 4064 | rBV  | 775877   | 1258775   | 0.30%   | 0.142%  |
| 98  | 14.761 | 4166 | 4174 | 4186 | rVB4 | 14440    | 23303     | 0.01%   | 0.003%  |
| 99  | 15.455 | 4379 | 4390 | 4401 | rVB2 | 90461    | 147630    | 0.04%   | 0.017%  |
| 100 | 16.044 | 4563 | 4573 | 4587 | rVB3 | 73215    | 118281    | 0.03%   | 0.013%  |

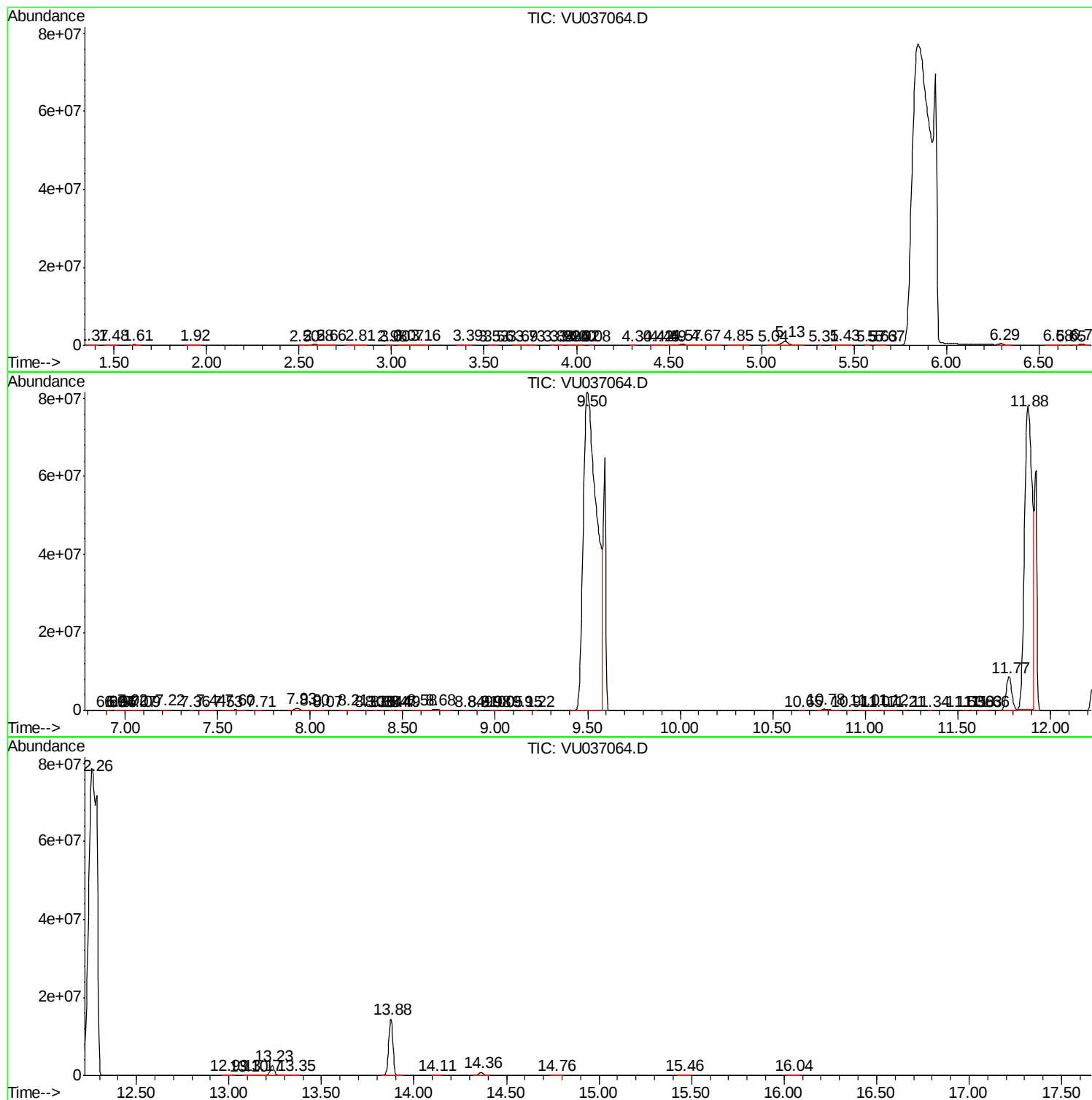
Sum of corrected areas: 885129082

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Data File : VU037064.D  
Acq On : 05 Mar 2020 02:02  
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Instrument :  
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ClientSampleId :  
C0DH1

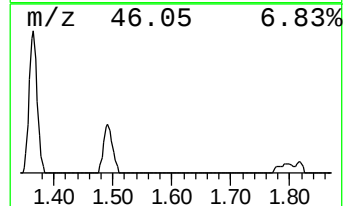
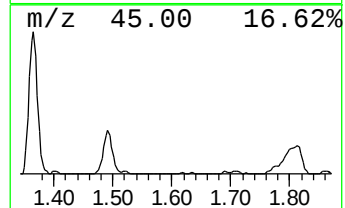
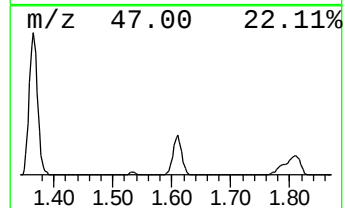
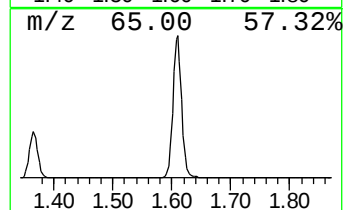
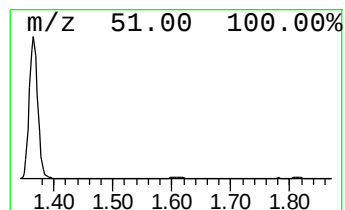
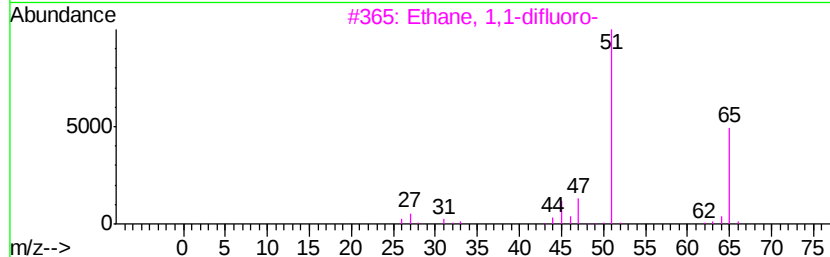
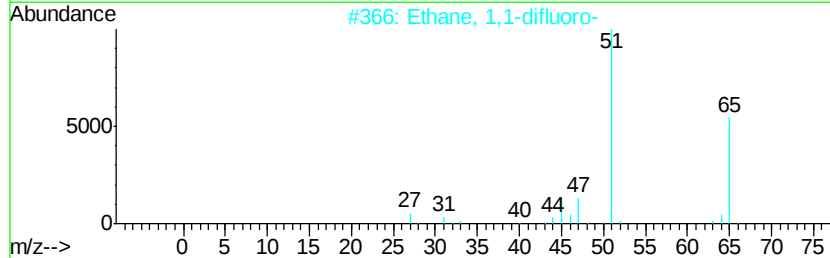
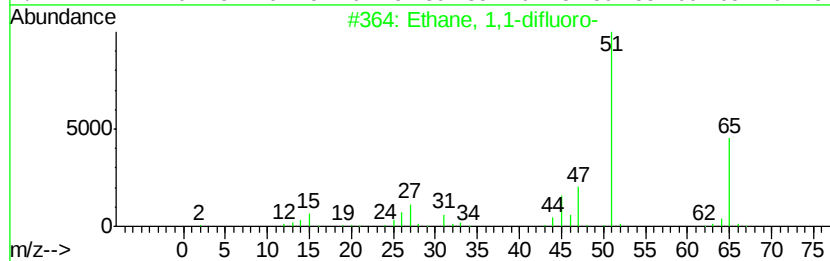
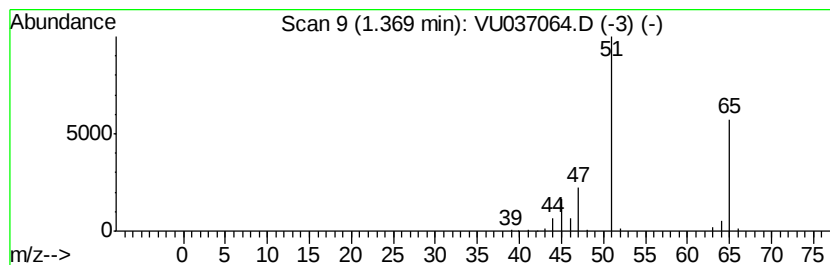
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.37 | 7.47 ug/L | 107139 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | 5 | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------|----|---------|-------------|------|
| 1    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 91   |
| 2    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 90   |
| 3    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 90   |
| 4    |    |   | Propiolonitrile        | 51 | C3HN    | 001070-71-9 | 3    |
| 5    |    |   | Propane, 2,2-difluoro- | 80 | C3H6F2  | 000420-45-1 | 2    |



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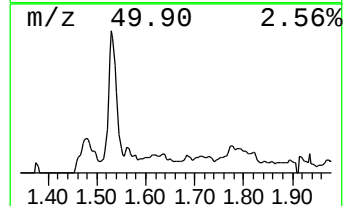
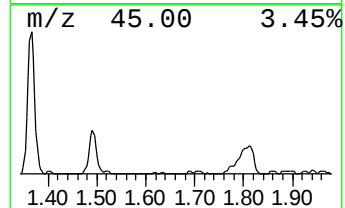
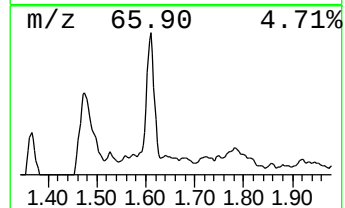
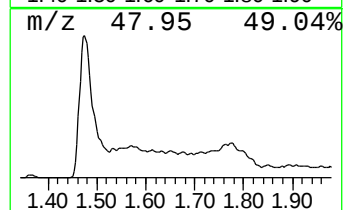
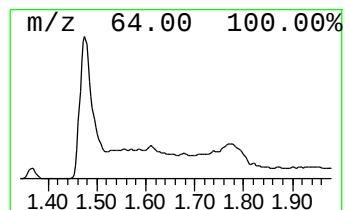
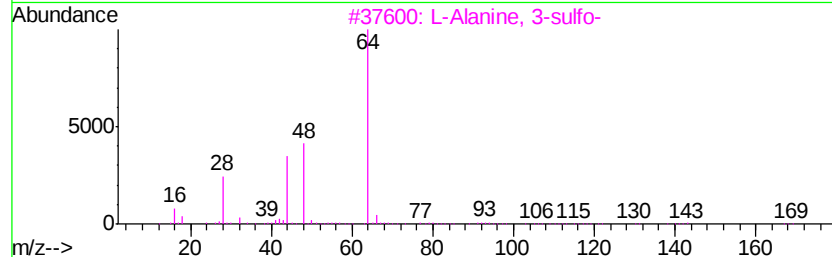
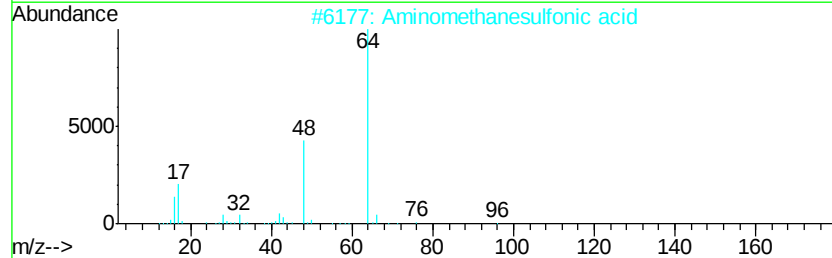
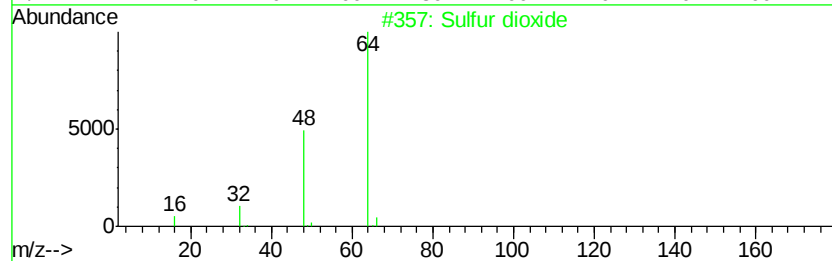
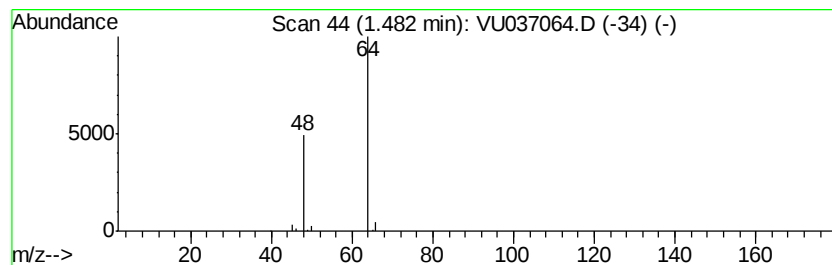
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Sulfur dioxide Concentration Rank 5

| R.T.      | EstConc                   | Area  | Relative to ISTD    | R.T.        |      |
|-----------|---------------------------|-------|---------------------|-------------|------|
| 1.48      | 6.85 ug/L                 | 98221 | 1,4-Difluorobenzene | 6.29        |      |
| Hit# of 5 | Tentative ID              | MW    | MolForm             | CAS#        | Qual |
| 1         | Sulfur dioxide            | 64    | O2S                 | 007446-09-5 | 83   |
| 2         | Aminomethanesulfonic acid | 111   | CH5NO3S             | 013881-91-9 | 74   |
| 3         | L-Alanine, 3-sulfo-       | 169   | C3H7NO5S            | 000498-40-8 | 9    |
| 4         | Aminomethanesulfonic acid | 111   | CH5NO3S             | 013881-91-9 | 9    |
| 5         | Ethene, 1,1-difluoro-     | 64    | C2H2F2              | 000075-38-7 | 4    |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030420\  
Data File : VU037064.D  
Acq On : 05 Mar 2020 02:02  
Operator : JC/MD  
Sample : L1780-12  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DH1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

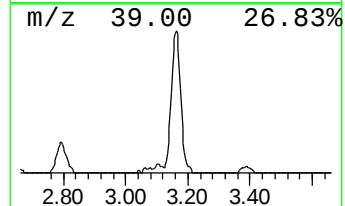
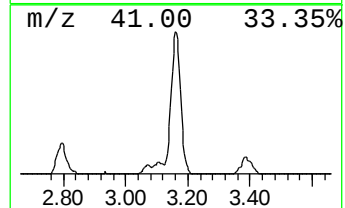
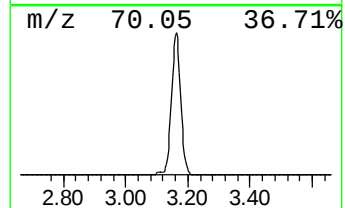
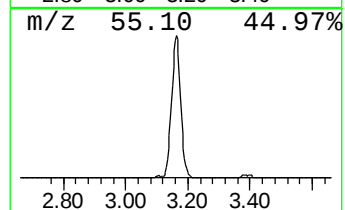
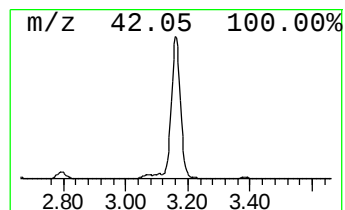
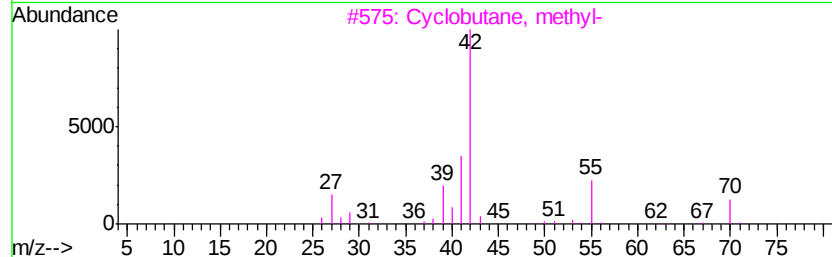
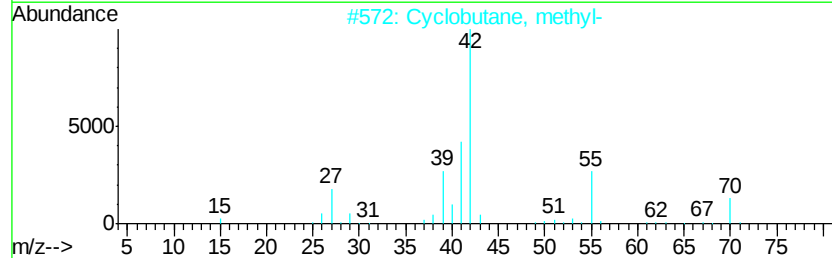
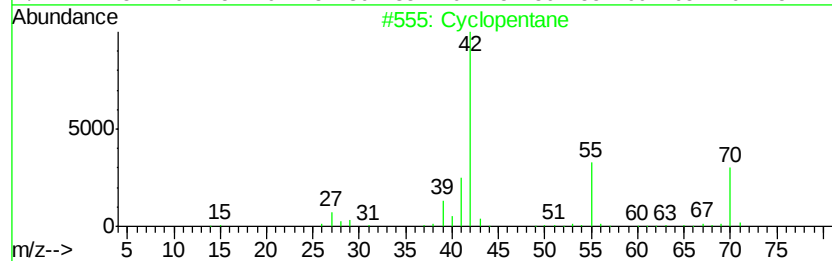
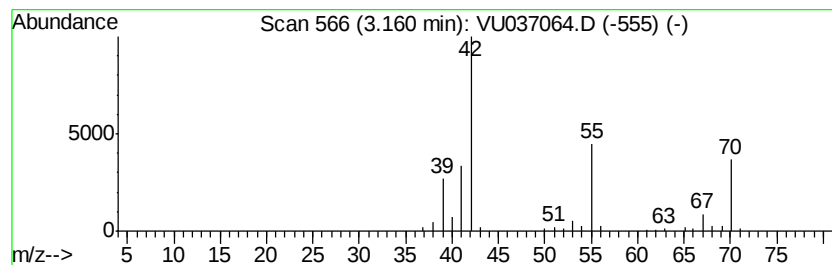
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Cyclic3.16 Concentration Rank 3

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 3.16 | 8.53 ug/L | 122287 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 80   |
| 2    |    | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 78   |
| 3    |    | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 72   |
| 4    |    | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 72   |
| 5    |    | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 72   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030420\  
Data File : VU037064.D  
Acq On : 05 Mar 2020 02:02  
Operator : JC/MD  
Sample : L1780-12  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DH1

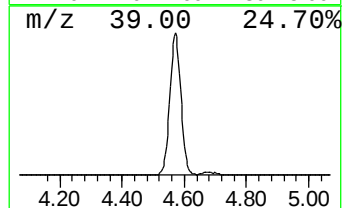
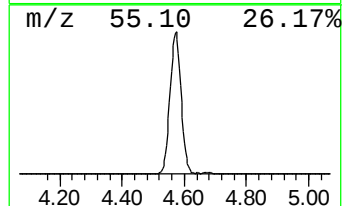
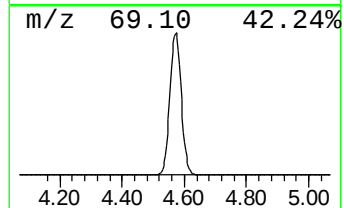
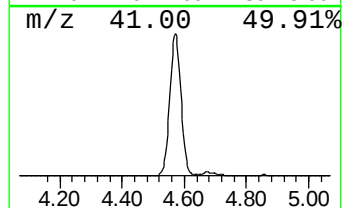
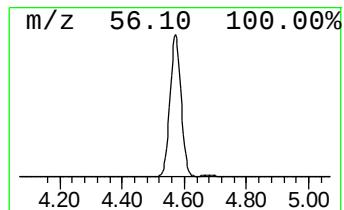
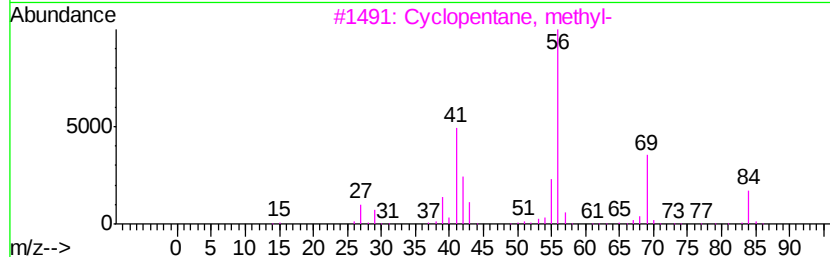
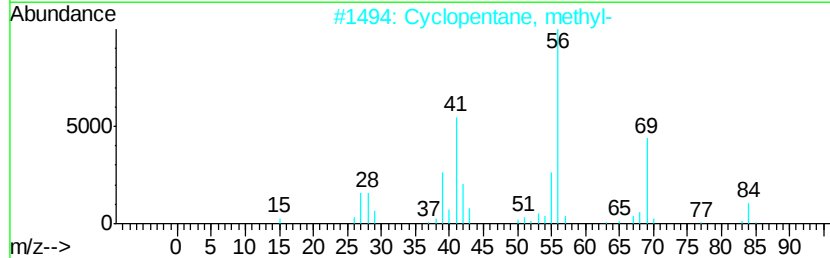
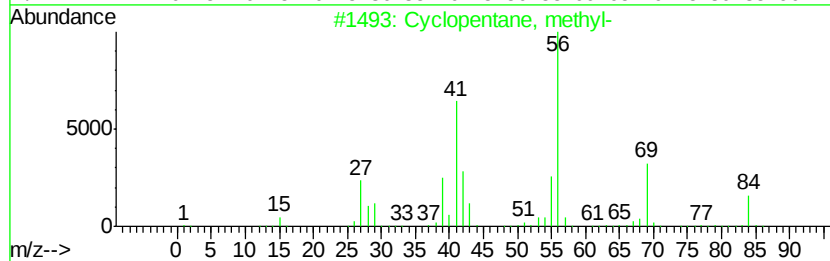
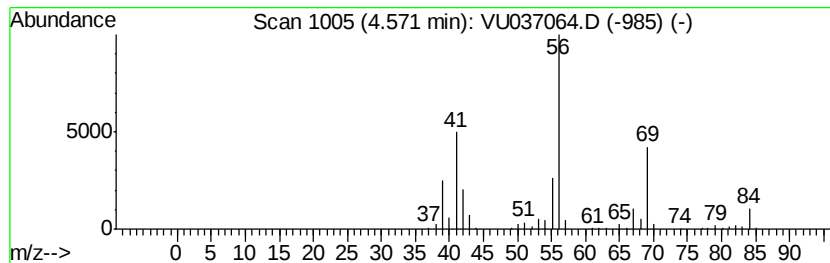
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD    | R.T. |
|------|------------|--------|---------------------|------|
| 4.57 | 32.85 ug/L | 470909 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 91   |
| 2    |    | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 91   |
| 3    |    | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 78   |
| 4    |    | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 78   |
| 5    |    | Cyclobutane, ethyl-   | 84 | C6H12   | 004806-61-5 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030420\  
Data File : VU037064.D  
Acq On : 05 Mar 2020 02:02  
Operator : JC/MD  
Sample : L1780-12  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DH1

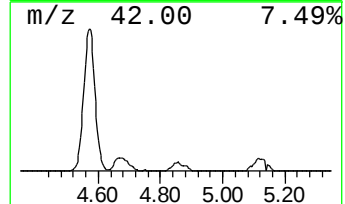
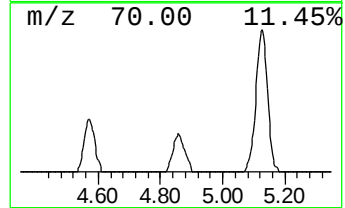
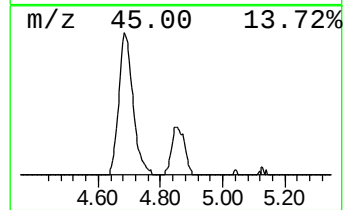
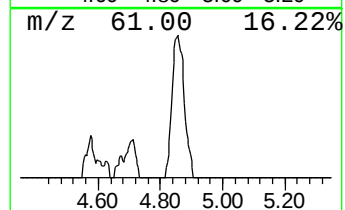
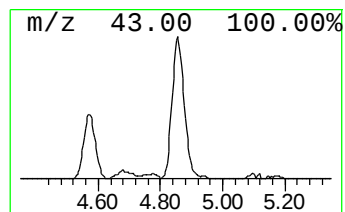
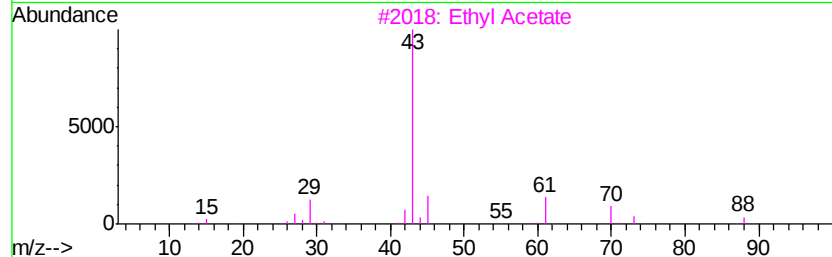
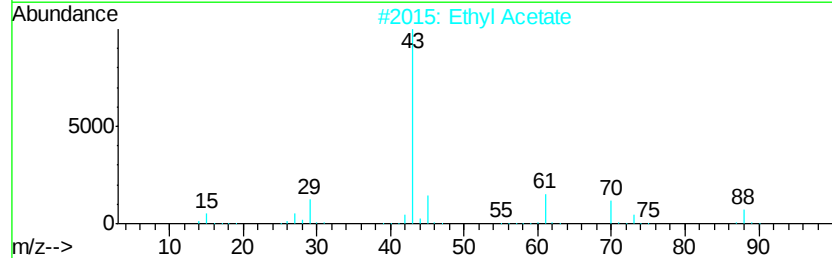
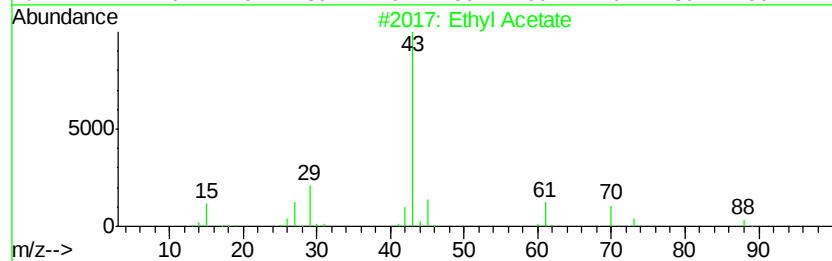
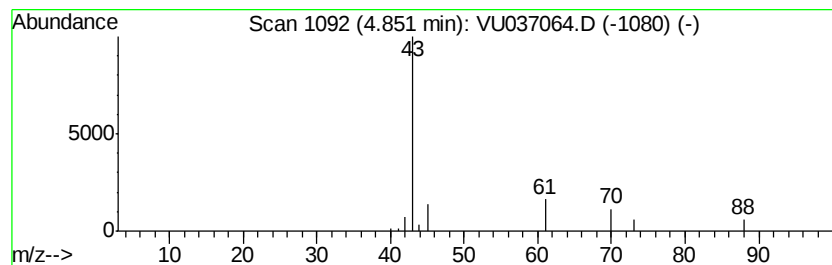
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Ethyl Acetate Concentration Rank 6

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.85 | 2.82 ug/L | 40497 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 4    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 39   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU030420\  
Data File : VU037064.D  
Acq On : 05 Mar 2020 02:02  
Operator : JC/MD  
Sample : L1780-12  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethane, 1,1-diflu... | 1.37 | 7.5     | ug/L  | 107139   | 1                     | 6.29 | 716799 | 50.0 |
| Sulfur dioxide       | 1.48 | 6.8     | ug/L  | 98221    | 1                     | 6.29 | 716799 | 50.0 |
| (DEL) Alkane: Cyc... | 3.16 | 8.5     | ug/L  | 122287   | 1                     | 6.29 | 716799 | 50.0 |
| (DEL) Alkane: Cyc... | 4.57 | 32.9    | ug/L  | 470909   | 1                     | 6.29 | 716799 | 50.0 |
| Ethyl Acetate        | 4.85 | 2.8     | ug/L  | 40497    | 1                     | 6.29 | 716799 | 50.0 |