

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
 Data File : VU037117.D  
 Acq On : 06 Mar 2020 18:33  
 Operator : JC/MD  
 Sample : L1834-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DF2

## 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      | 1.613    | 78         | 85       | 98        | rBV   | 130899      | 141153     | 14.79%       | 1.904%     |
| 2      | 1.928    | 176        | 183      | 198       | rVB   | 114052      | 147549     | 15.46%       | 1.990%     |
| 3      | 2.591    | 377        | 389      | 403       | rBV   | 188258      | 311127     | 32.59%       | 4.197%     |
| 4      | 2.710    | 423        | 426      | 429       | rBV2  | 374         | 293        | 0.03%        | 0.004%     |
| 5      | 2.787    | 438        | 450      | 479       | rBV   | 48535       | 95265      | 9.98%        | 1.285%     |
| 6      | 3.221    | 575        | 585      | 598       | rVB2  | 4494        | 9313       | 0.98%        | 0.126%     |
| 7      | 3.382    | 631        | 635      | 636       | rBV   | 872         | 593        | 0.06%        | 0.008%     |
| 8      | 3.481    | 662        | 666      | 669       | rBV   | 159         | 149        | 0.02%        | 0.002%     |
| 9      | 3.517    | 675        | 677      | 681       | rVB2  | 245         | 121        | 0.01%        | 0.002%     |
| 10     | 3.542    | 681        | 685      | 688       | rBV2  | 181         | 145        | 0.02%        | 0.002%     |
| 11     | 3.559    | 688        | 690      | 694       | rBV   | 249         | 187        | 0.02%        | 0.003%     |
| 12     | 3.587    | 696        | 699      | 702       | rVB2  | 177         | 139        | 0.01%        | 0.002%     |
| 13     | 3.623    | 706        | 710      | 713       | rBV   | 243         | 200        | 0.02%        | 0.003%     |
| 14     | 3.674    | 722        | 726      | 727       | rBV   | 227         | 171        | 0.02%        | 0.002%     |
| 15     | 3.777    | 756        | 758      | 762       | rVB2  | 334         | 184        | 0.02%        | 0.002%     |
| 16     | 3.819    | 768        | 771      | 772       | rBV   | 240         | 127        | 0.01%        | 0.002%     |
| 17     | 3.951    | 809        | 812      | 815       | rBV2  | 177         | 155        | 0.02%        | 0.002%     |
| 18     | 3.999    | 824        | 827      | 833       | rVB2  | 212         | 259        | 0.03%        | 0.003%     |
| 19     | 4.083    | 848        | 853      | 856       | rBV2  | 294         | 280        | 0.03%        | 0.004%     |
| 20     | 4.192    | 884        | 887      | 889       | rBV2  | 184         | 131        | 0.01%        | 0.002%     |
| 21     | 4.308    | 921        | 923      | 927       | rVB2  | 163         | 149        | 0.02%        | 0.002%     |
| 22     | 4.353    | 932        | 937      | 942       | rBV   | 267         | 331        | 0.03%        | 0.004%     |
| 23     | 4.375    | 942        | 944      | 947       | rVB2  | 229         | 127        | 0.01%        | 0.002%     |
| 24     | 4.398    | 947        | 951      | 953       | rBV2  | 227         | 200        | 0.02%        | 0.003%     |
| 25     | 4.452    | 966        | 968      | 971       | rBV2  | 157         | 121        | 0.01%        | 0.002%     |
| 26     | 4.539    | 991        | 995      | 998       | rBV   | 200         | 187        | 0.02%        | 0.003%     |
| 27     | 4.584    | 1002       | 1009     | 1012      | rBV2  | 231         | 239        | 0.03%        | 0.003%     |
| 28     | 4.668    | 1020       | 1035     | 1060      | rBV   | 94140       | 222752     | 23.33%       | 3.005%     |
| 29     | 4.964    | 1125       | 1127     | 1129      | rBV   | 289         | 140        | 0.01%        | 0.002%     |
| 30     | 5.018    | 1141       | 1144     | 1147      | rBV2  | 453         | 296        | 0.03%        | 0.004%     |
| 31     | 5.105    | 1155       | 1171     | 1188      | rBV   | 164617      | 358014     | 37.50%       | 4.829%     |
| 32     | 5.321    | 1234       | 1238     | 1240      | rBV2  | 637         | 521        | 0.05%        | 0.007%     |
| 33     | 5.414    | 1263       | 1267     | 1270      | rBV3  | 390         | 323        | 0.03%        | 0.004%     |
| 34     | 5.607    | 1324       | 1327     | 1334      | rVB2  | 280         | 290        | 0.03%        | 0.004%     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
 Data File : VU037117.D  
 Acq On : 06 Mar 2020 18:33  
 Operator : JC/MD  
 Sample : L1834-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DF2

## 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

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.761 | 1354 | 1375 | 1403 | rBV2 | 364231 | 954620 | 100.00% | 12.878% |
| 36 | 5.986 | 1440 | 1445 | 1447 | rBV2 | 237    | 204    | 0.02%   | 0.003%  |
| 37 | 6.012 | 1449 | 1453 | 1459 | rVB3 | 414    | 429    | 0.04%   | 0.006%  |
| 38 | 6.182 | 1501 | 1506 | 1507 | rBV  | 630    | 370    | 0.04%   | 0.005%  |
| 39 | 6.282 | 1522 | 1537 | 1560 | rBV  | 345173 | 647362 | 67.81%  | 8.733%  |
| 40 | 6.571 | 1614 | 1627 | 1639 | rBV5 | 11089  | 22740  | 2.38%   | 0.307%  |
| 41 | 6.616 | 1639 | 1641 | 1644 | rVB2 | 346    | 200    | 0.02%   | 0.003%  |
| 42 | 6.648 | 1647 | 1651 | 1656 | rVB2 | 237    | 261    | 0.03%   | 0.004%  |
| 43 | 6.722 | 1659 | 1674 | 1695 | rBV  | 224504 | 438232 | 45.91%  | 5.912%  |
| 44 | 6.919 | 1732 | 1735 | 1737 | rBV  | 398    | 246    | 0.03%   | 0.003%  |
| 45 | 6.960 | 1744 | 1748 | 1753 | rVB2 | 186    | 136    | 0.01%   | 0.002%  |
| 46 | 6.983 | 1753 | 1755 | 1758 | rBV  | 199    | 118    | 0.01%   | 0.002%  |
| 47 | 7.086 | 1784 | 1787 | 1791 | rBV2 | 182    | 144    | 0.02%   | 0.002%  |
| 48 | 7.108 | 1791 | 1794 | 1797 | rBV2 | 179    | 125    | 0.01%   | 0.002%  |
| 49 | 7.211 | 1816 | 1826 | 1836 | rBV4 | 1964   | 3388   | 0.35%   | 0.046%  |
| 50 | 7.327 | 1859 | 1862 | 1865 | rBV2 | 233    | 186    | 0.02%   | 0.003%  |
| 51 | 7.430 | 1892 | 1894 | 1899 | rVB  | 253    | 194    | 0.02%   | 0.003%  |
| 52 | 7.594 | 1932 | 1945 | 1965 | rVV  | 114643 | 201327 | 21.09%  | 2.716%  |
| 53 | 7.690 | 1972 | 1975 | 1976 | rBV  | 523    | 275    | 0.03%   | 0.004%  |
| 54 | 7.777 | 1999 | 2002 | 2003 | rBV  | 299    | 155    | 0.02%   | 0.002%  |
| 55 | 7.825 | 2007 | 2017 | 2029 | rVB4 | 3057   | 5139   | 0.54%   | 0.069%  |
| 56 | 7.922 | 2032 | 2047 | 2063 | rBV  | 429328 | 738455 | 77.36%  | 9.962%  |
| 57 | 8.205 | 2122 | 2135 | 2158 | rVV  | 77523  | 135898 | 14.24%  | 1.833%  |
| 58 | 8.430 | 2201 | 2205 | 2208 | rBV3 | 376    | 221    | 0.02%   | 0.003%  |
| 59 | 8.497 | 2219 | 2226 | 2234 | rVB3 | 466    | 763    | 0.08%   | 0.010%  |
| 60 | 8.574 | 2245 | 2250 | 2256 | rBV5 | 1180   | 1303   | 0.14%   | 0.018%  |
| 61 | 8.658 | 2264 | 2276 | 2321 | rBV  | 230378 | 474006 | 49.65%  | 6.394%  |
| 62 | 8.947 | 2359 | 2366 | 2374 | rVB2 | 653    | 915    | 0.10%   | 0.012%  |
| 63 | 9.031 | 2389 | 2392 | 2396 | rVB2 | 243    | 201    | 0.02%   | 0.003%  |
| 64 | 9.057 | 2396 | 2400 | 2402 | rBV  | 195    | 177    | 0.02%   | 0.002%  |
| 65 | 9.227 | 2446 | 2453 | 2456 | rBV  | 371    | 482    | 0.05%   | 0.007%  |
| 66 | 9.275 | 2463 | 2468 | 2469 | rBV2 | 405    | 292    | 0.03%   | 0.004%  |
| 67 | 9.436 | 2505 | 2518 | 2554 | rBV  | 474938 | 806152 | 84.45%  | 10.875% |
| 68 | 9.590 | 2560 | 2566 | 2573 | rVB2 | 1432   | 1833   | 0.19%   | 0.025%  |
| 69 | 9.709 | 2597 | 2603 | 2614 | rBV2 | 1729   | 2439   | 0.26%   | 0.033%  |
| 70 | 9.835 | 2639 | 2642 | 2644 | rBV  | 189    | 136    | 0.01%   | 0.002%  |
| 71 | 9.890 | 2655 | 2659 | 2662 | rBV  | 398    | 354    | 0.04%   | 0.005%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
 Data File : VU037117.D  
 Acq On : 06 Mar 2020 18:33  
 Operator : JC/MD  
 Sample : L1834-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DF2

## 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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.967  | 2680 | 2683 | 2687 | rBV  | 148    | 123    | 0.01%  | 0.002% |
| 73  | 10.127 | 2724 | 2733 | 2744 | rVB5 | 2593   | 4725   | 0.49%  | 0.064% |
| 74  | 10.285 | 2777 | 2782 | 2787 | rBV2 | 324    | 444    | 0.05%  | 0.006% |
| 75  | 10.500 | 2841 | 2849 | 2860 | rBV3 | 1816   | 2622   | 0.27%  | 0.035% |
| 76  | 10.700 | 2906 | 2911 | 2914 | rBV2 | 163    | 170    | 0.02%  | 0.002% |
| 77  | 10.719 | 2914 | 2917 | 2922 | rBV2 | 198    | 173    | 0.02%  | 0.002% |
| 78  | 10.774 | 2922 | 2934 | 2950 | rBV  | 279310 | 456382 | 47.81% | 6.156% |
| 79  | 10.996 | 2999 | 3003 | 3006 | rBV  | 264    | 271    | 0.03%  | 0.004% |
| 80  | 11.066 | 3022 | 3025 | 3027 | rBV2 | 162    | 119    | 0.01%  | 0.002% |
| 81  | 11.163 | 3052 | 3055 | 3059 | rBV  | 292    | 267    | 0.03%  | 0.004% |
| 82  | 11.246 | 3078 | 3081 | 3085 | rBV2 | 166    | 155    | 0.02%  | 0.002% |
| 83  | 11.452 | 3138 | 3145 | 3147 | rBV2 | 251    | 280    | 0.03%  | 0.004% |
| 84  | 11.481 | 3147 | 3154 | 3163 | rVV5 | 2793   | 4179   | 0.44%  | 0.056% |
| 85  | 11.677 | 3211 | 3215 | 3220 | rBV2 | 279    | 362    | 0.04%  | 0.005% |
| 86  | 11.703 | 3220 | 3223 | 3225 | rBV  | 214    | 157    | 0.02%  | 0.002% |
| 87  | 11.761 | 3234 | 3241 | 3249 | rBV4 | 3588   | 5611   | 0.59%  | 0.076% |
| 88  | 11.828 | 3249 | 3262 | 3279 | rVB  | 354134 | 603351 | 63.20% | 8.139% |
| 89  | 12.140 | 3356 | 3359 | 3360 | rBV  | 256    | 166    | 0.02%  | 0.002% |
| 90  | 12.208 | 3367 | 3380 | 3396 | rBV  | 333829 | 561344 | 58.80% | 7.572% |
| 91  | 12.333 | 3416 | 3419 | 3423 | rBV  | 332    | 357    | 0.04%  | 0.005% |
| 92  | 12.578 | 3492 | 3495 | 3497 | rBV2 | 195    | 138    | 0.01%  | 0.002% |
| 93  | 13.053 | 3640 | 3643 | 3649 | rVB2 | 415    | 443    | 0.05%  | 0.006% |
| 94  | 13.089 | 3650 | 3654 | 3658 | rBV  | 321    | 311    | 0.03%  | 0.004% |
| 95  | 13.243 | 3695 | 3702 | 3712 | rVB4 | 5047   | 7304   | 0.77%  | 0.099% |
| 96  | 13.870 | 3889 | 3897 | 3905 | rVB3 | 7457   | 10808  | 1.13%  | 0.146% |
| 97  | 14.005 | 3937 | 3939 | 3942 | rBV2 | 255    | 130    | 0.01%  | 0.002% |
| 98  | 14.118 | 3969 | 3974 | 3985 | rVB3 | 5830   | 8195   | 0.86%  | 0.111% |
| 99  | 14.365 | 4042 | 4051 | 4061 | rVB4 | 8617   | 13475  | 1.41%  | 0.182% |
| 100 | 14.407 | 4061 | 4064 | 4066 | rBV2 | 386    | 306    | 0.03%  | 0.004% |

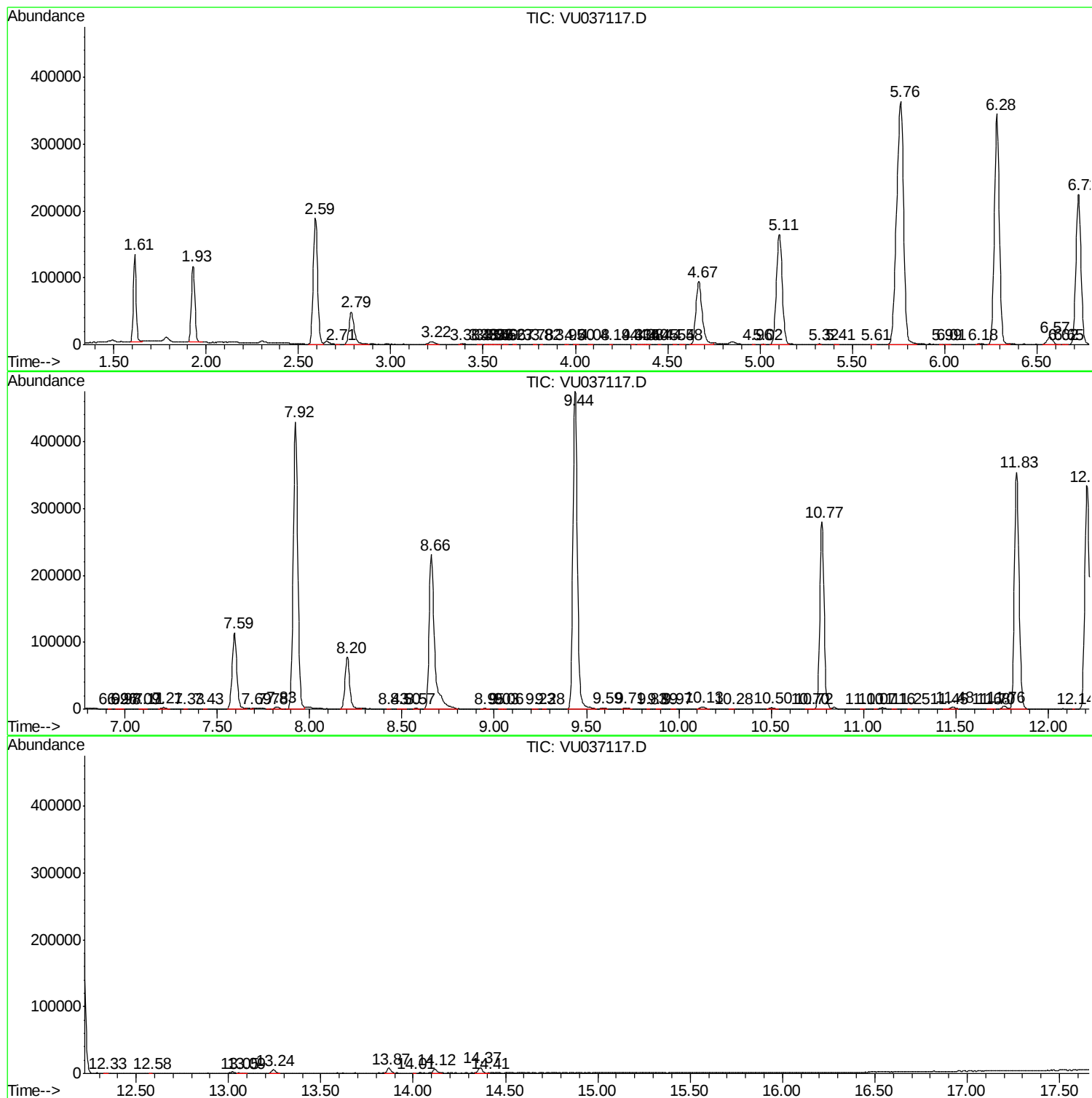
Sum of corrected areas: 7413077

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
Data File : VU037117.D  
Acq On : 06 Mar 2020 18:33  
Operator : JC/MD  
Sample : L1834-01  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DF2

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030620\  
Data File : VU037117.D  
Acq On : 06 Mar 2020 18:33  
Operator : JC/MD  
Sample : L1834-01  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DF2

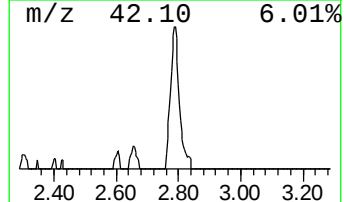
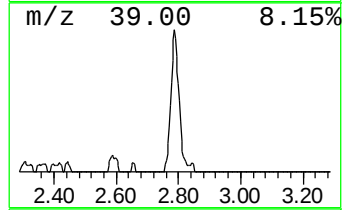
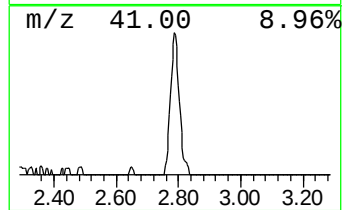
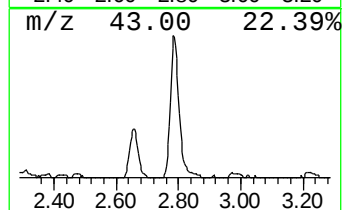
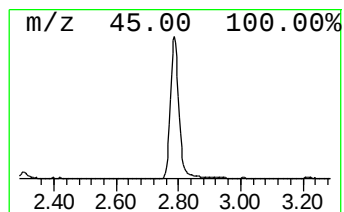
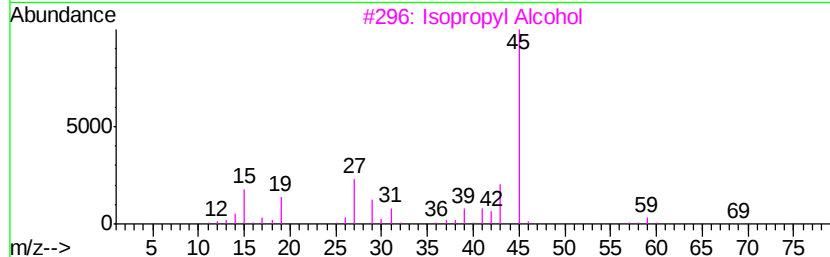
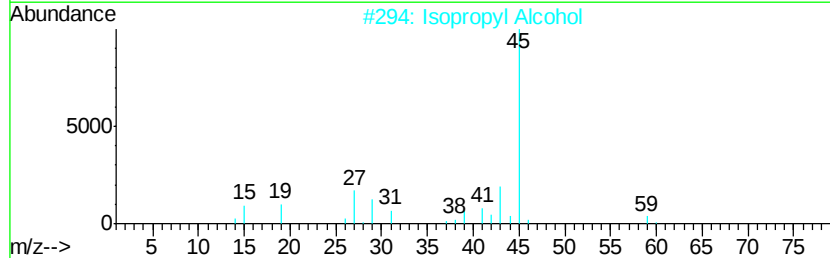
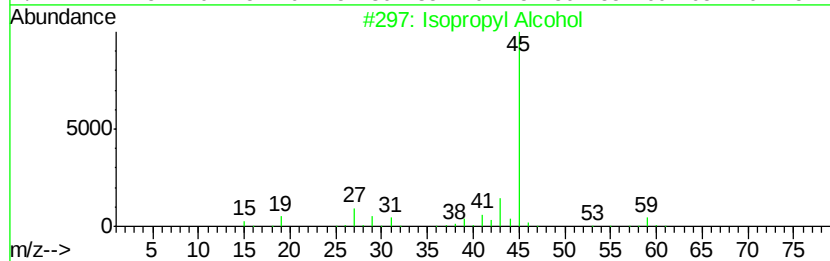
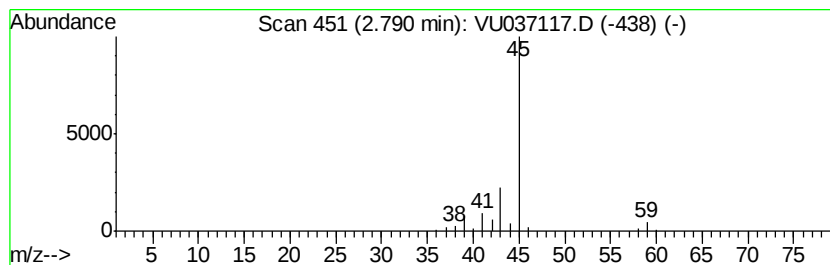
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.79 | 7.36 ug/L | 95265 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 83   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 5    |    |   | Hydrazine, ethyl- | 60 | C2H8N2  | 000624-80-6 | 43   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU030620\  
Data File : VU037117.D  
Acq On : 06 Mar 2020 18:33  
Operator : JC/MD  
Sample : L1834-01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DF2

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 |
| Isopropyl Alcohol | 2.79 | 7.4     | ug/L  | 95265    | 1                     | 6.28 | 647362 | 50.0 |