

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042522\  
 Data File : VU048274.D  
 Acq On : 25 Apr 2022 17:40  
 Operator : SY/MD  
 Sample : N2486-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J41

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\_U\Method\SFAMULM042522WMA.M  
 Title : VOC Analysis

Signal : TIC: VU048274.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         | 1.485       | 39            | 45          | 51           | rBV2     | 5424           | 6965          | 0.39%           | 0.050%        |
| 2         | 1.601       | 73            | 81          | 100          | rBV      | 206010         | 253456        | 14.27%          | 1.827%        |
| 3         | 1.900       | 166           | 174         | 209          | rVB      | 148657         | 237163        | 13.36%          | 1.709%        |
| 4         | 2.565       | 369           | 381         | 397          | rBV      | 374085         | 611924        | 34.46%          | 4.410%        |
| 5         | 2.681       | 413           | 417         | 422          | rBV2     | 311            | 330           | 0.02%           | 0.002%        |
| 6         | 2.768       | 430           | 444         | 467          | rBV2     | 92181          | 234263        | 13.19%          | 1.688%        |
| 7         | 2.951       | 498           | 501         | 509          | rVB7     | 617            | 711           | 0.04%           | 0.005%        |
| 8         | 3.041       | 524           | 529         | 531          | rBV3     | 1292           | 1268          | 0.07%           | 0.009%        |
| 9         | 3.183       | 559           | 573         | 574          | rBV4     | 7183           | 9344          | 0.53%           | 0.067%        |
| 10        | 3.359       | 624           | 628         | 630          | rBV      | 499            | 411           | 0.02%           | 0.003%        |
| 11        | 3.408       | 641           | 643         | 647          | rVB3     | 306            | 204           | 0.01%           | 0.001%        |
| 12        | 3.433       | 647           | 651         | 657          | rVB2     | 237            | 259           | 0.01%           | 0.002%        |
| 13        | 3.465       | 657           | 661         | 669          | rVB2     | 332            | 430           | 0.02%           | 0.003%        |
| 14        | 3.514       | 669           | 676         | 678          | rBV2     | 327            | 320           | 0.02%           | 0.002%        |
| 15        | 3.578       | 693           | 696         | 698          | rBV2     | 292            | 231           | 0.01%           | 0.002%        |
| 16        | 3.655       | 716           | 720         | 724          | rBV2     | 369            | 422           | 0.02%           | 0.003%        |
| 17        | 3.916       | 799           | 801         | 806          | rVB2     | 214            | 192           | 0.01%           | 0.001%        |
| 18        | 4.028       | 834           | 836         | 842          | rVB2     | 485            | 419           | 0.02%           | 0.003%        |
| 19        | 4.060       | 842           | 846         | 848          | rBV2     | 202            | 198           | 0.01%           | 0.001%        |
| 20        | 4.163       | 873           | 878         | 882          | rBV      | 287            | 292           | 0.02%           | 0.002%        |
| 21        | 4.231       | 896           | 899         | 904          | rVB2     | 257            | 189           | 0.01%           | 0.001%        |
| 22        | 4.292       | 912           | 918         | 924          | rBV      | 264            | 277           | 0.02%           | 0.002%        |
| 23        | 4.385       | 944           | 947         | 952          | rVB2     | 336            | 242           | 0.01%           | 0.002%        |
| 24        | 4.449       | 965           | 967         | 971          | rBV2     | 353            | 187           | 0.01%           | 0.001%        |
| 25        | 4.620       | 1005          | 1020        | 1057         | rBV      | 211386         | 513999        | 28.95%          | 3.705%        |
| 26        | 5.064       | 1140          | 1158        | 1180         | rBV      | 323320         | 705861        | 39.75%          | 5.088%        |
| 27        | 5.292       | 1226          | 1229        | 1233         | rBV3     | 370            | 359           | 0.02%           | 0.003%        |
| 28        | 5.327       | 1235          | 1240        | 1241         | rBV2     | 993            | 717           | 0.04%           | 0.005%        |
| 29        | 5.726       | 1342          | 1364        | 1396         | rBV2     | 654332         | 1775595       | 100.00%         | 12.798%       |
| 30        | 5.970       | 1436          | 1440        | 1452         | rVB5     | 695            | 885           | 0.05%           | 0.006%        |
| 31        | 6.250       | 1512          | 1527        | 1552         | rBV      | 467821         | 887775        | 50.00%          | 6.399%        |
| 32        | 6.356       | 1558          | 1560        | 1562         | rBV2     | 422            | 225           | 0.01%           | 0.002%        |
| 33        | 6.533       | 1607          | 1615        | 1616         | rBV3     | 1266           | 1505          | 0.08%           | 0.011%        |
| 34        | 6.690       | 1649          | 1664        | 1689         | rVV      | 412428         | 805933        | 45.39%          | 5.809%        |
| 35        | 6.845       | 1710          | 1712        | 1716         | rVB3     | 308            | 194           | 0.01%           | 0.001%        |
| 36        | 6.961       | 1745          | 1748        | 1753         | rVB      | 221            | 193           | 0.01%           | 0.001%        |

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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\_U\Method\SFAMULM042522WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 6.999  | 1753 | 1760 | 1765 | rBV3 | 369    | 609     | 0.03%  | 0.004% |
| 38 | 7.054  | 1768 | 1777 | 1781 | rVV2 | 701    | 1194    | 0.07%  | 0.009% |
| 39 | 7.089  | 1784 | 1788 | 1791 | rVB3 | 327    | 234     | 0.01%  | 0.002% |
| 40 | 7.182  | 1800 | 1817 | 1831 | rBV6 | 4059   | 9716    | 0.55%  | 0.070% |
| 41 | 7.247  | 1834 | 1837 | 1842 | rBV  | 252    | 214     | 0.01%  | 0.002% |
| 42 | 7.507  | 1910 | 1918 | 1919 | rBV  | 197    | 221     | 0.01%  | 0.002% |
| 43 | 7.565  | 1924 | 1936 | 1956 | rBV  | 215496 | 373036  | 21.01% | 2.689% |
| 44 | 7.690  | 1969 | 1975 | 1987 | rVB4 | 2654   | 4587    | 0.26%  | 0.033% |
| 45 | 7.793  | 2000 | 2007 | 2011 | rBV4 | 915    | 1232    | 0.07%  | 0.009% |
| 46 | 7.848  | 2018 | 2024 | 2025 | rBV  | 257    | 248     | 0.01%  | 0.002% |
| 47 | 7.899  | 2025 | 2040 | 2055 | rBV  | 793767 | 1374391 | 77.40% | 9.906% |
| 48 | 8.179  | 2115 | 2127 | 2144 | rBV  | 150533 | 248826  | 14.01% | 1.793% |
| 49 | 8.472  | 2209 | 2218 | 2229 | rVB2 | 5693   | 9250    | 0.52%  | 0.067% |
| 50 | 8.555  | 2241 | 2244 | 2249 | rBV5 | 1017   | 975     | 0.05%  | 0.007% |
| 51 | 8.636  | 2254 | 2269 | 2312 | rBV  | 616237 | 1166942 | 65.72% | 8.411% |
| 52 | 8.838  | 2329 | 2332 | 2335 | rBV2 | 373    | 249     | 0.01%  | 0.002% |
| 53 | 8.858  | 2335 | 2338 | 2342 | rVB4 | 254    | 200     | 0.01%  | 0.001% |
| 54 | 8.973  | 2369 | 2374 | 2379 | rVB4 | 550    | 702     | 0.04%  | 0.005% |
| 55 | 9.018  | 2386 | 2388 | 2393 | rVB3 | 279    | 196     | 0.01%  | 0.001% |
| 56 | 9.112  | 2412 | 2417 | 2419 | rBV  | 206    | 205     | 0.01%  | 0.001% |
| 57 | 9.169  | 2433 | 2435 | 2439 | rVB2 | 311    | 197     | 0.01%  | 0.001% |
| 58 | 9.231  | 2452 | 2454 | 2457 | rVB  | 334    | 200     | 0.01%  | 0.001% |
| 59 | 9.317  | 2478 | 2481 | 2484 | rBV  | 321    | 286     | 0.02%  | 0.002% |
| 60 | 9.417  | 2499 | 2512 | 2551 | rBV  | 648386 | 1088990 | 61.33% | 7.849% |
| 61 | 9.571  | 2552 | 2560 | 2566 | rVB3 | 823    | 1086    | 0.06%  | 0.008% |
| 62 | 9.623  | 2573 | 2576 | 2578 | rBV  | 298    | 236     | 0.01%  | 0.002% |
| 63 | 9.636  | 2578 | 2580 | 2584 | rVB2 | 375    | 276     | 0.02%  | 0.002% |
| 64 | 9.694  | 2592 | 2598 | 2607 | rVB2 | 2005   | 2921    | 0.16%  | 0.021% |
| 65 | 10.054 | 2707 | 2710 | 2714 | rVV  | 329    | 221     | 0.01%  | 0.002% |
| 66 | 10.108 | 2719 | 2727 | 2733 | rVV3 | 815    | 1305    | 0.07%  | 0.009% |
| 67 | 10.324 | 2791 | 2794 | 2797 | rVB3 | 306    | 189     | 0.01%  | 0.001% |
| 68 | 10.436 | 2826 | 2829 | 2834 | rBV2 | 309    | 242     | 0.01%  | 0.002% |
| 69 | 10.488 | 2841 | 2845 | 2850 | rVB3 | 545    | 595     | 0.03%  | 0.004% |
| 70 | 10.626 | 2880 | 2888 | 2891 | rBV2 | 325    | 492     | 0.03%  | 0.004% |
| 71 | 10.671 | 2894 | 2902 | 2911 | rVB3 | 3154   | 4939    | 0.28%  | 0.036% |
| 72 | 10.758 | 2914 | 2929 | 2946 | rBV  | 667685 | 1074315 | 60.50% | 7.743% |
| 73 | 10.893 | 2961 | 2971 | 2986 | rVB  | 12201  | 20320   | 1.14%  | 0.146% |
| 74 | 11.089 | 3028 | 3032 | 3034 | rBV2 | 473    | 464     | 0.03%  | 0.003% |
| 75 | 11.105 | 3035 | 3037 | 3041 | rVB2 | 356    | 256     | 0.01%  | 0.002% |
| 76 | 11.153 | 3049 | 3052 | 3056 | rVB2 | 509    | 297     | 0.02%  | 0.002% |

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\_U\Method\SFAMULM042522WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 11.202 | 3065 | 3067 | 3070 | rVB2 | 455    | 275     | 0.02%  | 0.002% |
| 78  | 11.359 | 3113 | 3116 | 3120 | rVB  | 303    | 186     | 0.01%  | 0.001% |
| 79  | 11.414 | 3130 | 3133 | 3136 | rBV2 | 614    | 453     | 0.03%  | 0.003% |
| 80  | 11.459 | 3136 | 3147 | 3148 | rBV5 | 2484   | 2776    | 0.16%  | 0.020% |
| 81  | 11.578 | 3178 | 3184 | 3195 | rVB3 | 477    | 747     | 0.04%  | 0.005% |
| 82  | 11.700 | 3214 | 3222 | 3226 | rVV3 | 1203   | 1160    | 0.07%  | 0.008% |
| 83  | 11.748 | 3227 | 3237 | 3245 | rBV  | 22667  | 35004   | 1.97%  | 0.252% |
| 84  | 11.812 | 3245 | 3257 | 3276 | rVB  | 629330 | 995634  | 56.07% | 7.176% |
| 85  | 11.970 | 3303 | 3306 | 3314 | rVB5 | 2394   | 2814    | 0.16%  | 0.020% |
| 86  | 12.005 | 3314 | 3317 | 3319 | rBV  | 511    | 350     | 0.02%  | 0.003% |
| 87  | 12.066 | 3327 | 3336 | 3346 | rBV5 | 3845   | 7215    | 0.41%  | 0.052% |
| 88  | 12.195 | 3362 | 3376 | 3395 | rBV  | 753424 | 1253132 | 70.58% | 9.032% |
| 89  | 12.330 | 3415 | 3418 | 3424 | rVB4 | 1243   | 1029    | 0.06%  | 0.007% |
| 90  | 12.372 | 3428 | 3431 | 3433 | rBV2 | 515    | 299     | 0.02%  | 0.002% |
| 91  | 12.488 | 3464 | 3467 | 3469 | rBV2 | 341    | 219     | 0.01%  | 0.002% |
| 92  | 12.690 | 3527 | 3530 | 3534 | rBV3 | 446    | 365     | 0.02%  | 0.003% |
| 93  | 12.771 | 3546 | 3555 | 3564 | rBV2 | 3775   | 6696    | 0.38%  | 0.048% |
| 94  | 12.870 | 3583 | 3586 | 3589 | rBV  | 439    | 360     | 0.02%  | 0.003% |
| 95  | 13.224 | 3689 | 3696 | 3705 | rBV5 | 2525   | 3673    | 0.21%  | 0.026% |
| 96  | 13.841 | 3878 | 3888 | 3900 | rBV2 | 47660  | 77685   | 4.38%  | 0.560% |
| 97  | 14.092 | 3959 | 3966 | 3978 | rVB2 | 8190   | 12287   | 0.69%  | 0.089% |
| 98  | 14.330 | 4032 | 4040 | 4055 | rVB2 | 16602  | 26712   | 1.50%  | 0.193% |
| 99  | 14.690 | 4147 | 4152 | 4157 | rBV3 | 683    | 798     | 0.04%  | 0.006% |
| 100 | 15.240 | 4321 | 4323 | 4326 | rBV3 | 635    | 407     | 0.02%  | 0.003% |

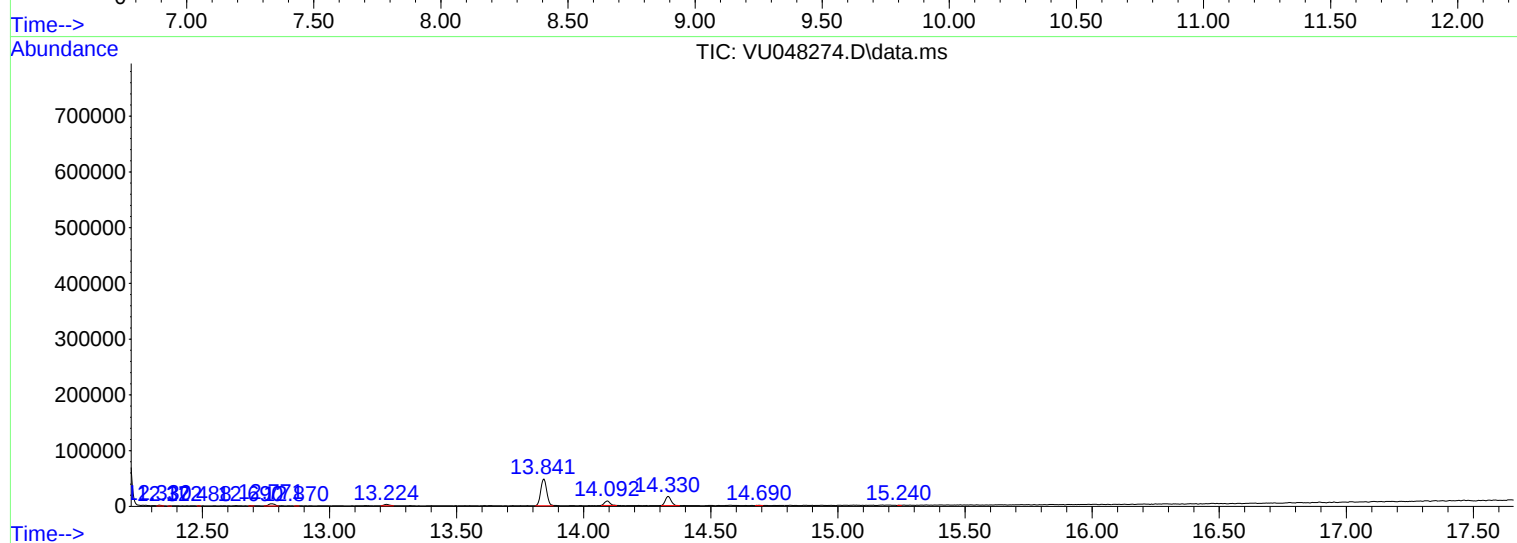
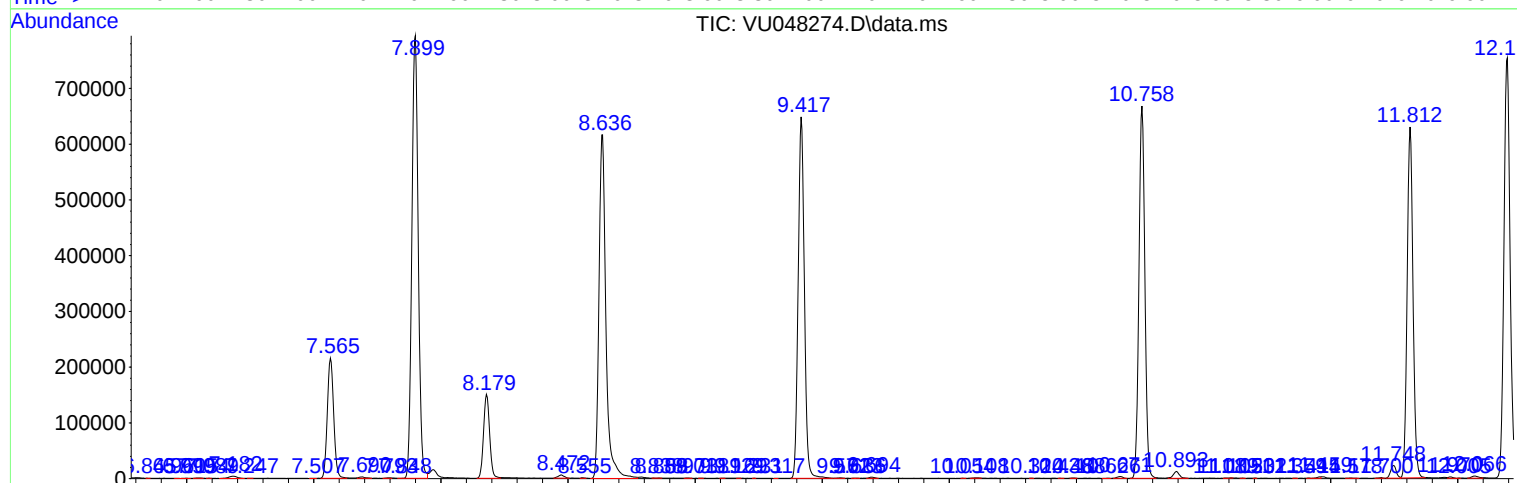
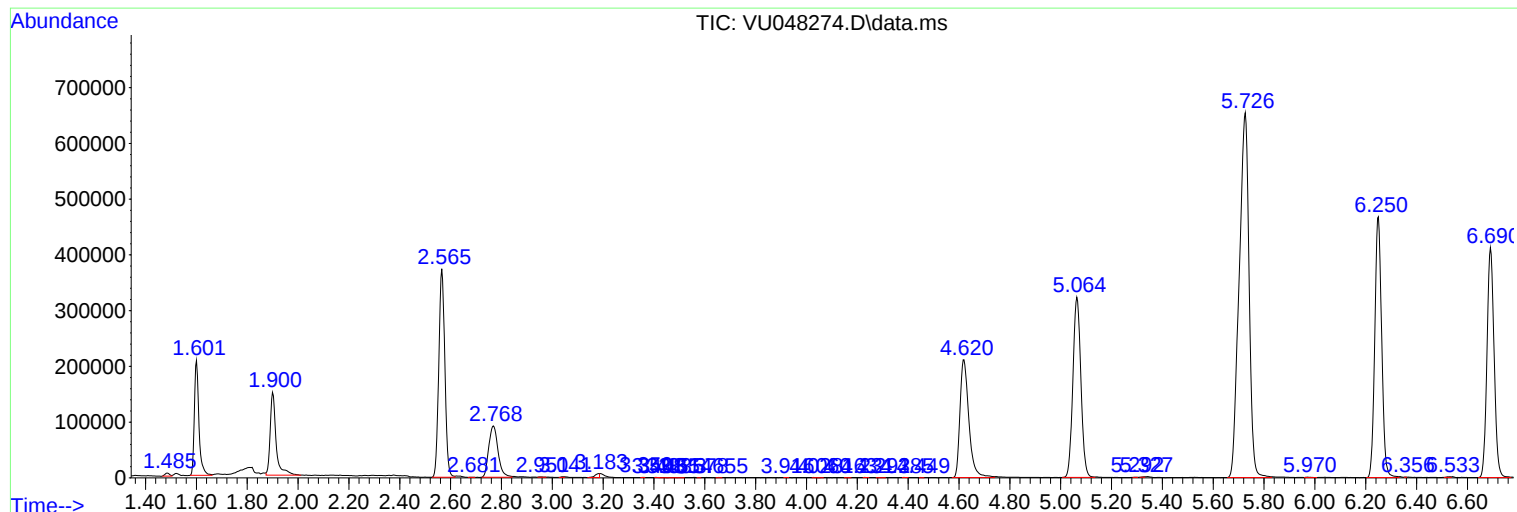
Sum of corrected areas: 13874268

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
Quant Title : VOC Analysis

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



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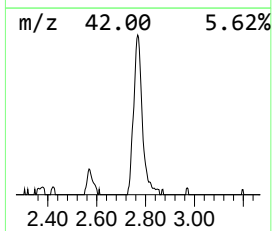
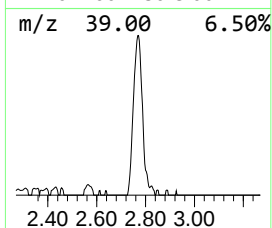
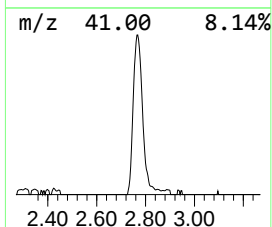
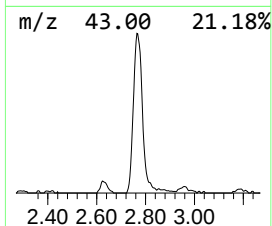
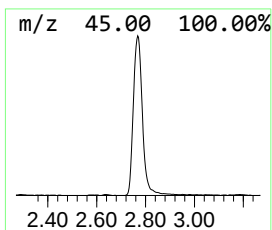
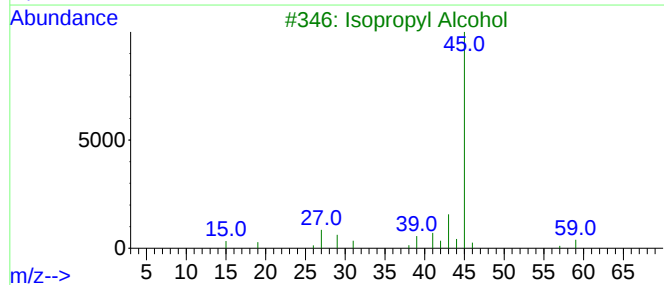
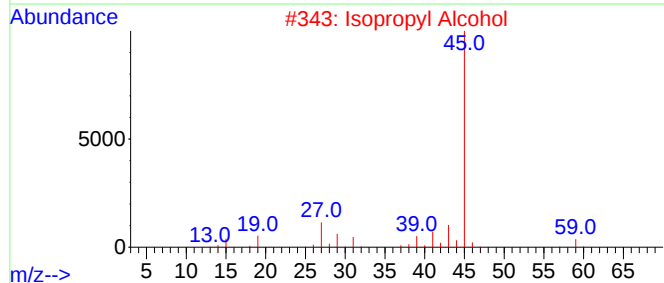
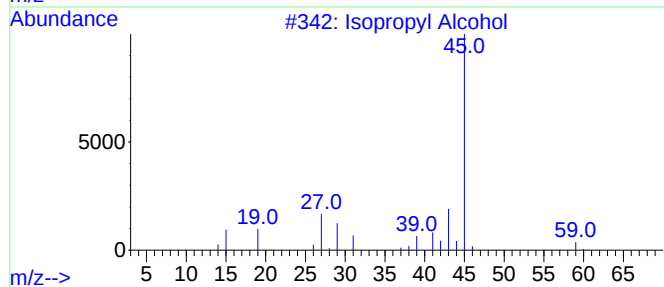
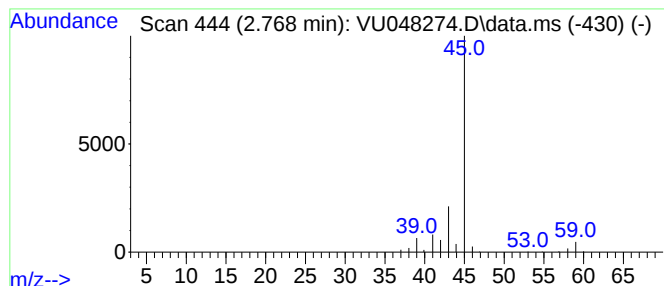
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
Quant Title : VOC Analysis

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 2.768 | 13.19 ug/L | 234263 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 83   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    |   | Hydrazine, ethyl- | 60 | C2H8N2  | 000624-80-6 | 40   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.768 | 13.2    | ug/L  | 234263   | 1                     | 6.250 | 887775 | 50.0 |