

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\  
 Data File : VU033041.D  
 Acq On : 25 Jun 2019 09:48  
 Operator : JC/SP  
 Sample : K3478-17DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF32DL

## 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\SOMULM061719WMA.M  
 Title : VOC Analysis

Signal : TIC

| 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         | 1.277       | 53            | 58          | 67           | rVB      | 20075          | 19106         | 2.35%           | 0.302%        |
| 2         | 1.392       | 87            | 94          | 105          | rBV      | 107758         | 107225        | 13.19%          | 1.693%        |
| 3         | 1.646       | 167           | 173         | 187          | rVB      | 85897          | 107934        | 13.28%          | 1.704%        |
| 4         | 2.254       | 352           | 362         | 377          | rVB      | 172896         | 262313        | 32.27%          | 4.142%        |
| 5         | 2.460       | 421           | 426         | 431          | rBV5     | 700            | 925           | 0.11%           | 0.015%        |
| 6         | 2.502       | 435           | 439         | 441          | rBV      | 272            | 212           | 0.03%           | 0.003%        |
| 7         | 2.537       | 446           | 450         | 452          | rBV2     | 195            | 187           | 0.02%           | 0.003%        |
| 8         | 2.553       | 452           | 455         | 460          | rVB2     | 394            | 270           | 0.03%           | 0.004%        |
| 9         | 2.601       | 468           | 470         | 473          | rVB2     | 375            | 252           | 0.03%           | 0.004%        |
| 10        | 2.624       | 473           | 477         | 478          | rBV2     | 482            | 336           | 0.04%           | 0.005%        |
| 11        | 2.688       | 492           | 497         | 502          | rBV5     | 726            | 805           | 0.10%           | 0.013%        |
| 12        | 2.826       | 527           | 540         | 557          | rVB      | 9393           | 19069         | 2.35%           | 0.301%        |
| 13        | 2.971       | 579           | 585         | 591          | rVB5     | 1086           | 1326          | 0.16%           | 0.021%        |
| 14        | 3.074       | 616           | 617         | 623          | rVB      | 403            | 212           | 0.03%           | 0.003%        |
| 15        | 3.170       | 642           | 647         | 649          | rBV2     | 280            | 246           | 0.03%           | 0.004%        |
| 16        | 3.232       | 664           | 666         | 673          | rVB2     | 248            | 259           | 0.03%           | 0.004%        |
| 17        | 3.363       | 704           | 707         | 716          | rBV3     | 297            | 401           | 0.05%           | 0.006%        |
| 18        | 3.630       | 787           | 790         | 794          | rBV2     | 279            | 269           | 0.03%           | 0.004%        |
| 19        | 3.720       | 814           | 818         | 821          | rVV      | 223            | 190           | 0.02%           | 0.003%        |
| 20        | 3.759       | 828           | 830         | 834          | rVB2     | 329            | 218           | 0.03%           | 0.003%        |
| 21        | 3.907       | 870           | 876         | 882          | rVB3     | 299            | 401           | 0.05%           | 0.006%        |
| 22        | 3.945       | 882           | 888         | 889          | rBV2     | 207            | 209           | 0.03%           | 0.003%        |
| 23        | 4.167       | 946           | 957         | 961          | rBV      | 80637          | 144647        | 17.79%          | 2.284%        |
| 24        | 4.633       | 1086          | 1102        | 1128         | rVV      | 138367         | 326124        | 40.12%          | 5.150%        |
| 25        | 4.932       | 1193          | 1195        | 1201         | rVB      | 221            | 210           | 0.03%           | 0.003%        |
| 26        | 5.225       | 1281          | 1286        | 1287         | rBV2     | 248            | 238           | 0.03%           | 0.004%        |
| 27        | 5.235       | 1287          | 1289        | 1292         | rVV2     | 338            | 243           | 0.03%           | 0.004%        |
| 28        | 5.328       | 1295          | 1318        | 1351         | rVV2     | 274342         | 812969        | 100.00%         | 12.838%       |
| 29        | 5.447       | 1351          | 1355        | 1359         | rBV2     | 339            | 329           | 0.04%           | 0.005%        |
| 30        | 5.688       | 1428          | 1430        | 1437         | rVB4     | 231            | 192           | 0.02%           | 0.003%        |
| 31        | 5.878       | 1473          | 1489        | 1514         | rBV      | 240192         | 474211        | 58.33%          | 7.488%        |
| 32        | 6.077       | 1548          | 1551        | 1554         | rVB      | 322            | 212           | 0.03%           | 0.003%        |
| 33        | 6.112       | 1559          | 1562        | 1565         | rVB2     | 467            | 332           | 0.04%           | 0.005%        |
| 34        | 6.167       | 1565          | 1579        | 1590         | rBV7     | 3437           | 7125          | 0.88%           | 0.113%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\  
 Data File : VU033041.D  
 Acq On : 25 Jun 2019 09:48  
 Operator : JC/SP  
 Sample : K3478-17DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF32DL

## 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\SOMULM061719WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.254 | 1604 | 1606 | 1610 | rBV2 | 276    | 236    | 0.03%  | 0.004%  |
| 36 | 6.321 | 1610 | 1627 | 1653 | rVV  | 191307 | 376505 | 46.31% | 5.945%  |
| 37 | 6.444 | 1662 | 1665 | 1668 | rBV2 | 472    | 369    | 0.05%  | 0.006%  |
| 38 | 6.469 | 1670 | 1673 | 1676 | rVB2 | 268    | 191    | 0.02%  | 0.003%  |
| 39 | 6.556 | 1697 | 1700 | 1706 | rVB2 | 261    | 269    | 0.03%  | 0.004%  |
| 40 | 6.637 | 1720 | 1725 | 1728 | rBV2 | 359    | 366    | 0.05%  | 0.006%  |
| 41 | 6.749 | 1754 | 1760 | 1763 | rBV2 | 314    | 340    | 0.04%  | 0.005%  |
| 42 | 6.868 | 1785 | 1797 | 1801 | rBV5 | 663    | 981    | 0.12%  | 0.015%  |
| 43 | 6.903 | 1801 | 1808 | 1813 | rVB3 | 438    | 588    | 0.07%  | 0.009%  |
| 44 | 6.942 | 1817 | 1820 | 1825 | rVB  | 280    | 224    | 0.03%  | 0.004%  |
| 45 | 6.984 | 1829 | 1833 | 1836 | rBV2 | 221    | 199    | 0.02%  | 0.003%  |
| 46 | 7.138 | 1879 | 1881 | 1887 | rVB2 | 324    | 286    | 0.04%  | 0.005%  |
| 47 | 7.177 | 1887 | 1893 | 1895 | rBV2 | 335    | 356    | 0.04%  | 0.006%  |
| 48 | 7.219 | 1895 | 1906 | 1929 | rBV  | 107355 | 191803 | 23.59% | 3.029%  |
| 49 | 7.456 | 1978 | 1980 | 1985 | rVV3 | 302    | 222    | 0.03%  | 0.004%  |
| 50 | 7.556 | 1998 | 2011 | 2035 | rBV  | 364129 | 638132 | 78.49% | 10.077% |
| 51 | 7.842 | 2089 | 2100 | 2123 | rBV  | 77521  | 133935 | 16.47% | 2.115%  |
| 52 | 7.948 | 2131 | 2133 | 2137 | rVB3 | 315    | 207    | 0.03%  | 0.003%  |
| 53 | 8.019 | 2151 | 2155 | 2157 | rBV2 | 187    | 190    | 0.02%  | 0.003%  |
| 54 | 8.141 | 2190 | 2193 | 2195 | rBV  | 278    | 200    | 0.02%  | 0.003%  |
| 55 | 8.244 | 2220 | 2225 | 2232 | rVB3 | 326    | 466    | 0.06%  | 0.007%  |
| 56 | 8.305 | 2232 | 2244 | 2286 | rBV  | 237336 | 437904 | 53.86% | 6.915%  |
| 57 | 8.559 | 2320 | 2323 | 2326 | rBV2 | 333    | 210    | 0.03%  | 0.003%  |
| 58 | 8.608 | 2336 | 2338 | 2340 | rBV  | 366    | 220    | 0.03%  | 0.003%  |
| 59 | 8.643 | 2345 | 2349 | 2353 | rVB3 | 316    | 240    | 0.03%  | 0.004%  |
| 60 | 8.833 | 2402 | 2408 | 2413 | rBV3 | 194    | 256    | 0.03%  | 0.004%  |
| 61 | 8.916 | 2431 | 2434 | 2438 | rVB2 | 227    | 191    | 0.02%  | 0.003%  |
| 62 | 9.026 | 2462 | 2468 | 2470 | rBV2 | 195    | 206    | 0.03%  | 0.003%  |
| 63 | 9.083 | 2470 | 2486 | 2510 | rBV  | 363730 | 603582 | 74.24% | 9.531%  |
| 64 | 9.238 | 2531 | 2534 | 2535 | rBV  | 390    | 200    | 0.02%  | 0.003%  |
| 65 | 9.251 | 2536 | 2538 | 2542 | rVB2 | 408    | 218    | 0.03%  | 0.003%  |
| 66 | 9.376 | 2572 | 2577 | 2581 | rVB3 | 342    | 398    | 0.05%  | 0.006%  |
| 67 | 9.408 | 2584 | 2587 | 2590 | rBV  | 238    | 196    | 0.02%  | 0.003%  |
| 68 | 9.537 | 2625 | 2627 | 2632 | rVV3 | 381    | 305    | 0.04%  | 0.005%  |
| 69 | 9.562 | 2632 | 2635 | 2640 | rVB2 | 329    | 339    | 0.04%  | 0.005%  |
| 70 | 9.681 | 2668 | 2672 | 2675 | rBV3 | 270    | 217    | 0.03%  | 0.003%  |
| 71 | 9.781 | 2693 | 2703 | 2712 | rVB2 | 617    | 1206   | 0.15%  | 0.019%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\  
 Data File : VU033041.D  
 Acq On : 25 Jun 2019 09:48  
 Operator : JC/SP  
 Sample : K3478-17DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF32DL

## 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\SOMULM061719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.916  | 2742 | 2745 | 2749 | rVB  | 337    | 291    | 0.04%  | 0.005% |
| 73  | 9.942  | 2749 | 2753 | 2756 | rBV2 | 367    | 368    | 0.05%  | 0.006% |
| 74  | 10.009 | 2769 | 2774 | 2776 | rBV  | 246    | 210    | 0.03%  | 0.003% |
| 75  | 10.077 | 2789 | 2795 | 2798 | rBV3 | 384    | 485    | 0.06%  | 0.008% |
| 76  | 10.257 | 2846 | 2851 | 2855 | rVB  | 249    | 264    | 0.03%  | 0.004% |
| 77  | 10.299 | 2861 | 2864 | 2867 | rBV  | 395    | 294    | 0.04%  | 0.005% |
| 78  | 10.341 | 2872 | 2877 | 2883 | rBV3 | 289    | 311    | 0.04%  | 0.005% |
| 79  | 10.427 | 2889 | 2904 | 2925 | rBV  | 278262 | 447912 | 55.10% | 7.073% |
| 80  | 10.556 | 2940 | 2944 | 2947 | rVB3 | 294    | 194    | 0.02%  | 0.003% |
| 81  | 10.595 | 2952 | 2956 | 2963 | rBV3 | 365    | 460    | 0.06%  | 0.007% |
| 82  | 10.652 | 2970 | 2974 | 2977 | rBV  | 374    | 306    | 0.04%  | 0.005% |
| 83  | 10.704 | 2986 | 2990 | 2992 | rVB  | 269    | 197    | 0.02%  | 0.003% |
| 84  | 10.720 | 2992 | 2995 | 2997 | rBV2 | 316    | 231    | 0.03%  | 0.004% |
| 85  | 10.768 | 3005 | 3010 | 3013 | rVB2 | 258    | 197    | 0.02%  | 0.003% |
| 86  | 10.810 | 3019 | 3023 | 3026 | rBV2 | 361    | 338    | 0.04%  | 0.005% |
| 87  | 10.833 | 3026 | 3030 | 3032 | rVV  | 201    | 191    | 0.02%  | 0.003% |
| 88  | 10.990 | 3076 | 3079 | 3083 | rBV2 | 402    | 352    | 0.04%  | 0.006% |
| 89  | 11.022 | 3087 | 3089 | 3093 | rVB3 | 356    | 246    | 0.03%  | 0.004% |
| 90  | 11.122 | 3116 | 3120 | 3121 | rBV  | 298    | 228    | 0.03%  | 0.004% |
| 91  | 11.199 | 3141 | 3144 | 3147 | rBV2 | 265    | 185    | 0.02%  | 0.003% |
| 92  | 11.292 | 3169 | 3173 | 3175 | rBV  | 301    | 250    | 0.03%  | 0.004% |
| 93  | 11.341 | 3184 | 3188 | 3191 | rVB2 | 311    | 205    | 0.03%  | 0.003% |
| 94  | 11.418 | 3210 | 3212 | 3216 | rBV2 | 396    | 233    | 0.03%  | 0.004% |
| 95  | 11.479 | 3219 | 3231 | 3258 | rBV  | 360616 | 583182 | 71.73% | 9.209% |
| 96  | 11.787 | 3323 | 3327 | 3329 | rBV2 | 572    | 431    | 0.05%  | 0.007% |
| 97  | 11.855 | 3335 | 3348 | 3369 | rBV  | 370941 | 613086 | 75.41% | 9.681% |
| 98  | 12.283 | 3477 | 3481 | 3485 | rBV4 | 351    | 381    | 0.05%  | 0.006% |
| 99  | 13.202 | 3765 | 3767 | 3771 | rVB  | 329    | 201    | 0.02%  | 0.003% |
| 100 | 14.257 | 4092 | 4095 | 4096 | rBV  | 487    | 311    | 0.04%  | 0.005% |

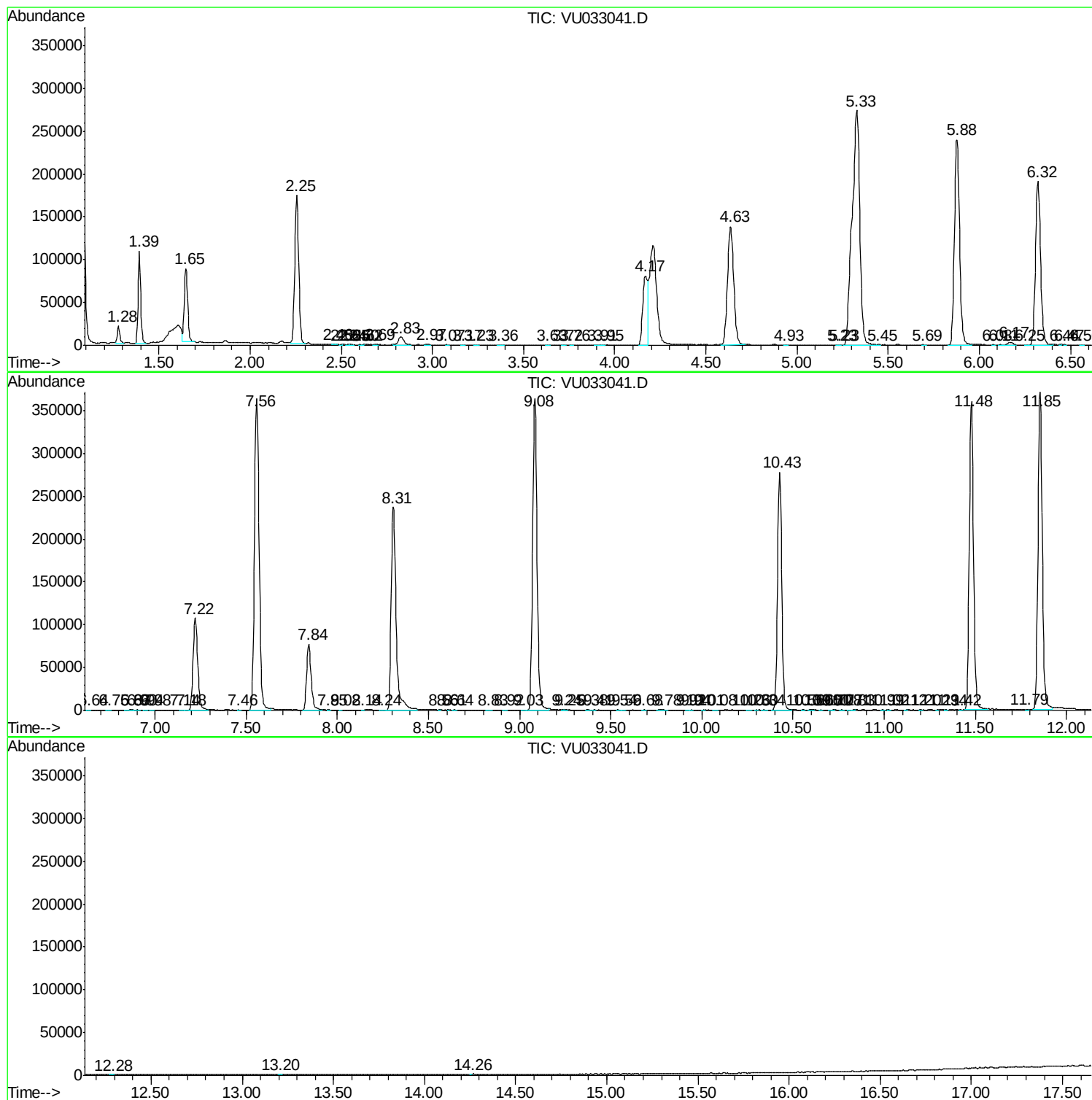
Sum of corrected areas: 6332690

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062519\  
Data File : VU033041.D  
Acq On : 25 Jun 2019 09:48  
Operator : JC/SP  
Sample : K3478-17DL 5X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETF32DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU062519\  
Data File : VU033041.D  
Acq On : 25 Jun 2019 09:48  
Operator : JC/SP  
Sample : K3478-17DL 5X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETF32DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU062519\  
Data File : VU033041.D  
Acq On : 25 Jun 2019 09:48  
Operator : JC/SP  
Sample : K3478-17DL 5X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETF32DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.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          |