

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
 Data File : VV018816.D  
 Acq On : 09 Oct 2020 14:02  
 Operator : SY/MD  
 Sample : L4209-08ME  
 Misc : 5.39g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JLWTIME

## 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\_V\METHOD\SOMVLM100820WMA.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      | 1.219    | 36         | 40       | 46        | rVB   | 18196       | 15840      | 1.05%        | 0.139%     |
| 2      | 1.316    | 63         | 70       | 86        | rVB   | 186856      | 207366     | 13.71%       | 1.819%     |
| 3      | 1.576    | 145        | 151      | 165       | rBV   | 137165      | 193323     | 12.78%       | 1.696%     |
| 4      | 2.103    | 305        | 315      | 325       | rBV   | 355014      | 510829     | 33.77%       | 4.482%     |
| 5      | 3.049    | 598        | 609      | 629       | rVB2  | 10258       | 22837      | 1.51%        | 0.200%     |
| 6      | 3.123    | 629        | 632      | 636       | rBV2  | 491         | 406        | 0.03%        | 0.004%     |
| 7      | 3.299    | 683        | 687      | 689       | rBV2  | 470         | 340        | 0.02%        | 0.003%     |
| 8      | 3.360    | 704        | 706      | 709       | rVB2  | 466         | 277        | 0.02%        | 0.002%     |
| 9      | 3.386    | 709        | 714      | 718       | rBV   | 451         | 558        | 0.04%        | 0.005%     |
| 10     | 3.457    | 733        | 736      | 743       | rBV2  | 378         | 436        | 0.03%        | 0.004%     |
| 11     | 3.508    | 750        | 752      | 754       | rVB2  | 309         | 120        | 0.01%        | 0.001%     |
| 12     | 3.605    | 780        | 782      | 784       | rVB   | 306         | 113        | 0.01%        | 0.001%     |
| 13     | 3.621    | 785        | 787      | 792       | rVV   | 261         | 193        | 0.01%        | 0.002%     |
| 14     | 3.640    | 792        | 793      | 798       | rVV2  | 236         | 175        | 0.01%        | 0.002%     |
| 15     | 3.714    | 812        | 816      | 820       | rBV3  | 395         | 348        | 0.02%        | 0.003%     |
| 16     | 3.740    | 820        | 824      | 826       | rBV2  | 612         | 456        | 0.03%        | 0.004%     |
| 17     | 3.846    | 855        | 857      | 860       | rBV2  | 337         | 208        | 0.01%        | 0.002%     |
| 18     | 3.865    | 860        | 863      | 865       | rBV   | 325         | 213        | 0.01%        | 0.002%     |
| 19     | 3.878    | 865        | 867      | 870       | rBV2  | 470         | 309        | 0.02%        | 0.003%     |
| 20     | 3.923    | 870        | 881      | 914       | rBV   | 62513       | 243337     | 16.09%       | 2.135%     |
| 21     | 4.373    | 1006       | 1021     | 1047      | rBV   | 219794      | 569818     | 37.67%       | 4.999%     |
| 22     | 4.753    | 1137       | 1139     | 1141      | rBV   | 207         | 125        | 0.01%        | 0.001%     |
| 23     | 4.971    | 1203       | 1207     | 1211      | rBV2  | 387         | 352        | 0.02%        | 0.003%     |
| 24     | 4.991    | 1211       | 1213     | 1215      | rBV2  | 186         | 77         | 0.01%        | 0.001%     |
| 25     | 5.007    | 1215       | 1218     | 1220      | rVB2  | 306         | 128        | 0.01%        | 0.001%     |
| 26     | 5.068    | 1220       | 1237     | 1273      | rBV2  | 603152      | 1512478    | 100.00%      | 13.269%    |
| 27     | 5.637    | 1401       | 1414     | 1439      | rBV   | 446356      | 933857     | 61.74%       | 8.193%     |
| 28     | 5.846    | 1476       | 1479     | 1483      | rBV   | 345         | 264        | 0.02%        | 0.002%     |
| 29     | 5.926    | 1489       | 1504     | 1518      | rBV2  | 34487       | 74254      | 4.91%        | 0.651%     |
| 30     | 6.090    | 1543       | 1555     | 1581      | rBV   | 301267      | 638559     | 42.22%       | 5.602%     |
| 31     | 6.306    | 1619       | 1622     | 1623      | rBV   | 284         | 143        | 0.01%        | 0.001%     |
| 32     | 6.328    | 1628       | 1629     | 1631      | rBV   | 175         | 67         | 0.00%        | 0.001%     |
| 33     | 6.344    | 1631       | 1634     | 1636      | rBV   | 208         | 77         | 0.01%        | 0.001%     |
| 34     | 6.380    | 1642       | 1645     | 1646      | rBV   | 312         | 134        | 0.01%        | 0.001%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 6.412  | 1649 | 1655 | 1658 | rVB5 | 475    | 451     | 0.03%  | 0.004%  |
| 36 | 6.483  | 1674 | 1677 | 1680 | rBV2 | 464    | 328     | 0.02%  | 0.003%  |
| 37 | 6.511  | 1680 | 1686 | 1690 | rVV3 | 375    | 432     | 0.03%  | 0.004%  |
| 38 | 6.537  | 1691 | 1694 | 1697 | rBV2 | 310    | 197     | 0.01%  | 0.002%  |
| 39 | 6.666  | 1721 | 1734 | 1738 | rBV6 | 1259   | 1976    | 0.13%  | 0.017%  |
| 40 | 6.769  | 1762 | 1766 | 1769 | rBV3 | 483    | 347     | 0.02%  | 0.003%  |
| 41 | 6.846  | 1788 | 1790 | 1791 | rBV  | 215    | 94      | 0.01%  | 0.001%  |
| 42 | 6.868  | 1795 | 1797 | 1800 | rVB  | 190    | 98      | 0.01%  | 0.001%  |
| 43 | 6.920  | 1810 | 1813 | 1814 | rBV2 | 178    | 101     | 0.01%  | 0.001%  |
| 44 | 6.933  | 1815 | 1817 | 1821 | rVV2 | 307    | 248     | 0.02%  | 0.002%  |
| 45 | 7.007  | 1829 | 1840 | 1871 | rBV  | 164393 | 334630  | 22.12% | 2.936%  |
| 46 | 7.216  | 1902 | 1905 | 1907 | rVB  | 435    | 209     | 0.01%  | 0.002%  |
| 47 | 7.235  | 1907 | 1911 | 1915 | rBV4 | 628    | 693     | 0.05%  | 0.006%  |
| 48 | 7.338  | 1931 | 1943 | 1967 | rBV  | 625894 | 1138575 | 75.28% | 9.989%  |
| 49 | 7.643  | 2028 | 2038 | 2066 | rBV2 | 113981 | 247505  | 16.36% | 2.171%  |
| 50 | 7.997  | 2137 | 2148 | 2165 | rVB2 | 64985  | 114144  | 7.55%  | 1.001%  |
| 51 | 8.071  | 2170 | 2171 | 2176 | rBV2 | 427    | 294     | 0.02%  | 0.003%  |
| 52 | 8.145  | 2176 | 2194 | 2236 | rBV3 | 191303 | 640152  | 42.32% | 5.616%  |
| 53 | 8.566  | 2323 | 2325 | 2326 | rBV  | 276    | 98      | 0.01%  | 0.001%  |
| 54 | 8.653  | 2348 | 2352 | 2356 | rBV2 | 413    | 465     | 0.03%  | 0.004%  |
| 55 | 8.691  | 2361 | 2364 | 2371 | rVB3 | 896    | 820     | 0.05%  | 0.007%  |
| 56 | 8.772  | 2386 | 2389 | 2391 | rBV2 | 293    | 168     | 0.01%  | 0.001%  |
| 57 | 8.878  | 2409 | 2422 | 2452 | rBV  | 610724 | 1204040 | 79.61% | 10.563% |
| 58 | 9.122  | 2495 | 2498 | 2501 | rBV3 | 608    | 348     | 0.02%  | 0.003%  |
| 59 | 9.171  | 2506 | 2513 | 2514 | rBV2 | 1369   | 1255    | 0.08%  | 0.011%  |
| 60 | 9.225  | 2527 | 2530 | 2531 | rBV  | 281    | 144     | 0.01%  | 0.001%  |
| 61 | 9.283  | 2545 | 2548 | 2551 | rBV3 | 441    | 337     | 0.02%  | 0.003%  |
| 62 | 9.579  | 2633 | 2640 | 2644 | rBV3 | 560    | 694     | 0.05%  | 0.006%  |
| 63 | 9.637  | 2655 | 2658 | 2661 | rVV2 | 352    | 192     | 0.01%  | 0.002%  |
| 64 | 9.653  | 2661 | 2663 | 2667 | rVB3 | 361    | 180     | 0.01%  | 0.002%  |
| 65 | 9.759  | 2692 | 2696 | 2700 | rBV3 | 232    | 193     | 0.01%  | 0.002%  |
| 66 | 9.797  | 2705 | 2708 | 2710 | rBV2 | 222    | 161     | 0.01%  | 0.001%  |
| 67 | 9.814  | 2710 | 2713 | 2717 | rVB2 | 302    | 221     | 0.01%  | 0.002%  |
| 68 | 9.865  | 2723 | 2729 | 2730 | rBV  | 338    | 336     | 0.02%  | 0.003%  |
| 69 | 9.955  | 2754 | 2757 | 2760 | rBV2 | 327    | 243     | 0.02%  | 0.002%  |
| 70 | 9.990  | 2766 | 2768 | 2773 | rVB2 | 274    | 184     | 0.01%  | 0.002%  |
| 71 | 10.023 | 2776 | 2778 | 2780 | rBV  | 355    | 181     | 0.01%  | 0.002%  |

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 Sampling : 1  
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 Stop Thrs : 0

Filtering: 5  
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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.080 | 2793 | 2796 | 2797 | rBV  | 230    | 124     | 0.01%  | 0.001% |
| 73  | 10.100 | 2800 | 2802 | 2804 | rBV2 | 269    | 147     | 0.01%  | 0.001% |
| 74  | 10.164 | 2818 | 2822 | 2828 | rBV3 | 294    | 328     | 0.02%  | 0.003% |
| 75  | 10.193 | 2828 | 2831 | 2832 | rBV  | 183    | 76      | 0.01%  | 0.001% |
| 76  | 10.244 | 2833 | 2847 | 2865 | rVV  | 298160 | 527363  | 34.87% | 4.627% |
| 77  | 10.396 | 2885 | 2894 | 2898 | rBV3 | 1375   | 1987    | 0.13%  | 0.017% |
| 78  | 10.479 | 2909 | 2920 | 2938 | rBV4 | 4536   | 10301   | 0.68%  | 0.090% |
| 79  | 10.569 | 2940 | 2948 | 2954 | rBV4 | 2364   | 3285    | 0.22%  | 0.029% |
| 80  | 10.640 | 2966 | 2970 | 2972 | rBV2 | 298    | 222     | 0.01%  | 0.002% |
| 81  | 10.717 | 2991 | 2994 | 2998 | rBV2 | 906    | 974     | 0.06%  | 0.009% |
| 82  | 10.765 | 3004 | 3009 | 3016 | rVB4 | 1023   | 1326    | 0.09%  | 0.012% |
| 83  | 10.839 | 3030 | 3032 | 3035 | rBV  | 254    | 136     | 0.01%  | 0.001% |
| 84  | 10.884 | 3043 | 3046 | 3048 | rBV  | 326    | 196     | 0.01%  | 0.002% |
| 85  | 10.942 | 3056 | 3064 | 3074 | rBV2 | 6997   | 10454   | 0.69%  | 0.092% |
| 86  | 11.000 | 3079 | 3082 | 3083 | rVV  | 344    | 202     | 0.01%  | 0.002% |
| 87  | 11.023 | 3085 | 3089 | 3093 | rBV  | 225    | 226     | 0.01%  | 0.002% |
| 88  | 11.138 | 3123 | 3125 | 3128 | rBV  | 426    | 215     | 0.01%  | 0.002% |
| 89  | 11.273 | 3156 | 3167 | 3188 | rBV  | 698137 | 1106671 | 73.17% | 9.709% |
| 90  | 11.650 | 3271 | 3284 | 3307 | rBV  | 712669 | 1112745 | 73.57% | 9.762% |
| 91  | 12.209 | 3455 | 3458 | 3463 | rBV2 | 286    | 221     | 0.01%  | 0.002% |
| 92  | 12.331 | 3493 | 3496 | 3499 | rBV  | 326    | 337     | 0.02%  | 0.003% |
| 93  | 12.405 | 3517 | 3519 | 3522 | rVB2 | 429    | 169     | 0.01%  | 0.001% |
| 94  | 12.621 | 3583 | 3586 | 3587 | rBV2 | 353    | 194     | 0.01%  | 0.002% |
| 95  | 12.801 | 3639 | 3642 | 3652 | rVB3 | 535    | 631     | 0.04%  | 0.006% |
| 96  | 13.116 | 3738 | 3740 | 3741 | rBV3 | 360    | 185     | 0.01%  | 0.002% |
| 97  | 13.154 | 3749 | 3752 | 3755 | rBV3 | 277    | 204     | 0.01%  | 0.002% |
| 98  | 13.707 | 3922 | 3924 | 3927 | rBV2 | 402    | 223     | 0.01%  | 0.002% |
| 99  | 13.772 | 3942 | 3944 | 3945 | rBV  | 519    | 218     | 0.01%  | 0.002% |
| 100 | 13.881 | 3975 | 3978 | 3980 | rBV  | 435    | 239     | 0.02%  | 0.002% |

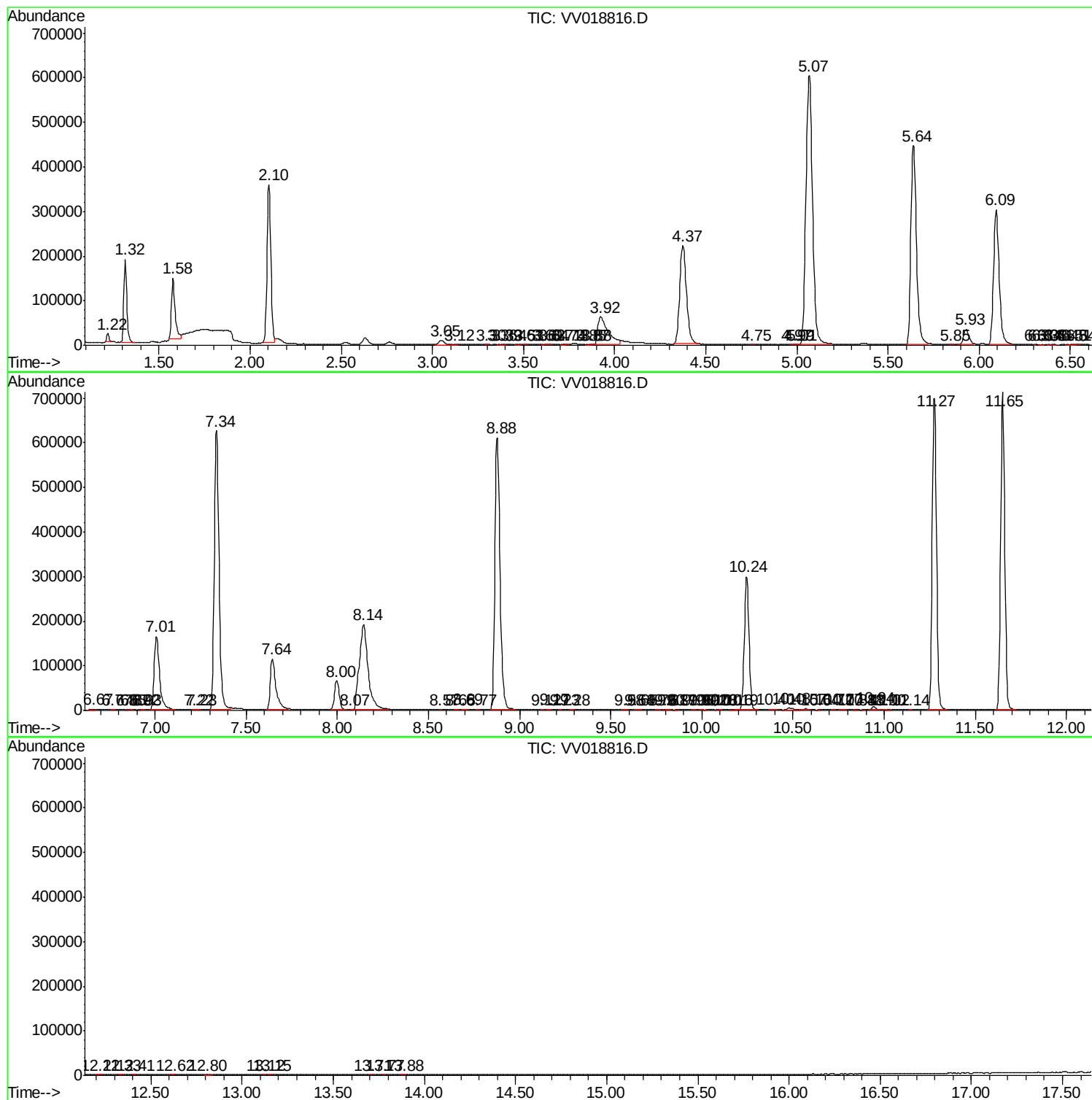
Sum of corrected areas: 11398350

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Instrument :  
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ClientSampleId :  
JLWTIME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
Data File : VV018816.D  
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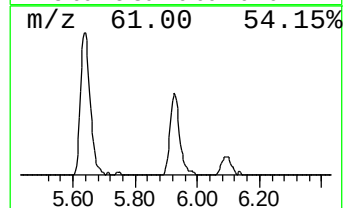
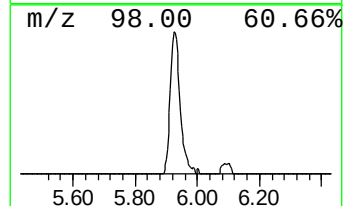
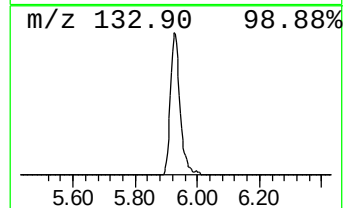
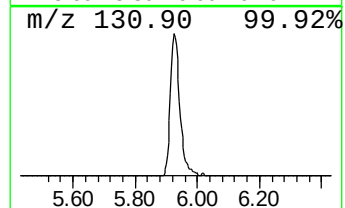
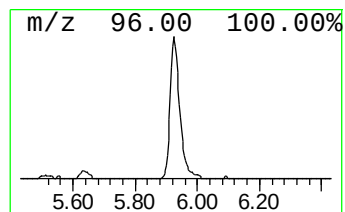
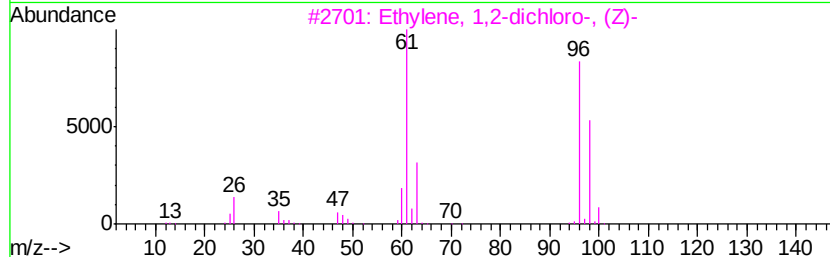
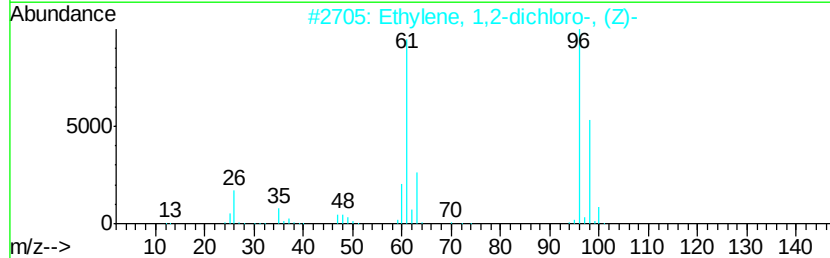
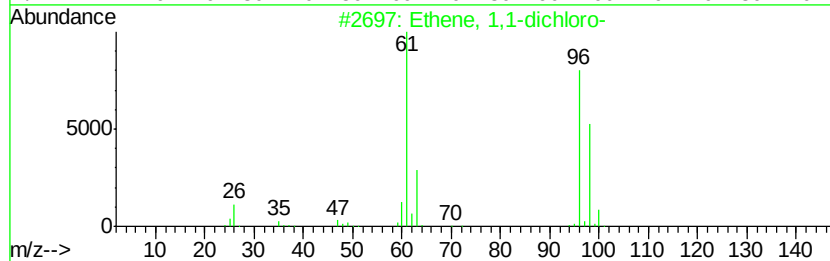
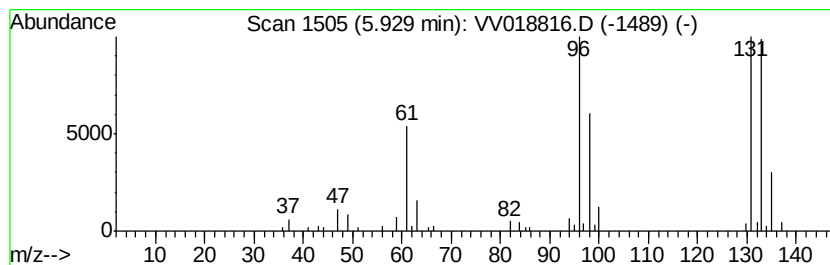
Instrument :  
MSVOA\_V  
ClientSampleId :  
JLWTIME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.    | EstConc                       | Area         | Relative to ISTD    | R.T.        |      |      |
|---------|-------------------------------|--------------|---------------------|-------------|------|------|
| 5.93    | 3.98 ug/L                     | 74254        | 1,4-Difluorobenzene | 5.64        |      |      |
| Hit# of | 5                             | Tentative ID | MW                  | MolForm     | CAS# | Qual |
| 1       | Ethene, 1,1-dichloro-         | 96           | C2H2Cl2             | 000075-35-4 | 41   |      |
| 2       | Ethylene, 1,2-dichloro-, (Z)- | 96           | C2H2Cl2             | 000156-59-2 | 38   |      |
| 3       | Ethylene, 1,2-dichloro-, (Z)- | 96           | C2H2Cl2             | 000156-59-2 | 38   |      |
| 4       | Ethene, 1,1-dichloro-         | 96           | C2H2Cl2             | 000075-35-4 | 38   |      |
| 5       | Ethylene, 1,2-dichloro-, (Z)- | 96           | C2H2Cl2             | 000156-59-2 | 27   |      |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 5.93 | 4.0     | ug/L  | 74254    | 1                     | 5.64 | 933857 | 50.0 |