

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
 Data File : VV018817.D  
 Acq On : 09 Oct 2020 14:25  
 Operator : SY/MD  
 Sample : L4209-11ME  
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JLWW2ME

## 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<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         | 1.219       | 36            | 40          | 47           | rVB      | 19515          | 17183         | 0.90%           | 0.127%        |
| 2         | 1.315       | 63            | 70          | 88           | rVB      | 224201         | 257603        | 13.48%          | 1.905%        |
| 3         | 1.576       | 144           | 151         | 165          | rBV      | 178151         | 251698        | 13.17%          | 1.861%        |
| 4         | 2.103       | 306           | 315         | 327          | rBV      | 447378         | 646648        | 33.84%          | 4.782%        |
| 5         | 2.630       | 468           | 479         | 497          | rBV      | 15812          | 34781         | 1.82%           | 0.257%        |
| 6         | 3.161       | 642           | 644         | 645          | rBV      | 400            | 185           | 0.01%           | 0.001%        |
| 7         | 3.264       | 672           | 676         | 678          | rBV2     | 482            | 319           | 0.02%           | 0.002%        |
| 8         | 3.447       | 730           | 733         | 734          | rBV      | 426            | 210           | 0.01%           | 0.002%        |
| 9         | 3.505       | 747           | 751         | 752          | rBV2     | 268            | 172           | 0.01%           | 0.001%        |
| 10        | 3.528       | 755           | 758         | 762          | rVV2     | 307            | 234           | 0.01%           | 0.002%        |
| 11        | 3.669       | 800           | 802         | 803          | rBV2     | 343            | 110           | 0.01%           | 0.001%        |
| 12        | 3.775       | 826           | 835         | 836          | rBV4     | 2104           | 2772          | 0.15%           | 0.021%        |
| 13        | 3.865       | 860           | 863         | 867          | rBV4     | 320            | 321           | 0.02%           | 0.002%        |
| 14        | 3.920       | 869           | 880         | 915          | rBV      | 81553          | 318836        | 16.68%          | 2.358%        |
| 15        | 4.373       | 1006          | 1021        | 1049         | rVB      | 280366         | 723004        | 37.83%          | 5.347%        |
| 16        | 4.827       | 1159          | 1162        | 1166         | rBV      | 374            | 348           | 0.02%           | 0.003%        |
| 17        | 4.952       | 1194          | 1201        | 1203         | rBV3     | 230            | 231           | 0.01%           | 0.002%        |
| 18        | 5.068       | 1220          | 1237        | 1273         | rBV2     | 764243         | 1911017       | 100.00%         | 14.133%       |
| 19        | 5.508       | 1370          | 1374        | 1376         | rBV2     | 555            | 449           | 0.02%           | 0.003%        |
| 20        | 5.640       | 1402          | 1415        | 1444         | rBV      | 399207         | 829769        | 43.42%          | 6.137%        |
| 21        | 5.926       | 1492          | 1504        | 1522         | rBV2     | 44932          | 92543         | 4.84%           | 0.684%        |
| 22        | 6.093       | 1543          | 1556        | 1589         | rVB      | 385931         | 820607        | 42.94%          | 6.069%        |
| 23        | 6.341       | 1631          | 1633        | 1635         | rVB      | 330            | 92            | 0.00%           | 0.001%        |
| 24        | 6.351       | 1635          | 1636        | 1639         | rBV      | 399            | 168           | 0.01%           | 0.001%        |
| 25        | 6.389       | 1643          | 1648        | 1656         | rBV3     | 480            | 705           | 0.04%           | 0.005%        |
| 26        | 6.431       | 1658          | 1661        | 1664         | rBV      | 372            | 278           | 0.01%           | 0.002%        |
| 27        | 6.450       | 1664          | 1667        | 1670         | rVB2     | 359            | 237           | 0.01%           | 0.002%        |
| 28        | 6.492       | 1679          | 1680        | 1683         | rBV      | 223            | 86            | 0.00%           | 0.001%        |
| 29        | 6.524       | 1687          | 1690        | 1692         | rBV2     | 138            | 97            | 0.01%           | 0.001%        |
| 30        | 6.547       | 1696          | 1697        | 1701         | rVB      | 221            | 73            | 0.00%           | 0.001%        |
| 31        | 6.582       | 1701          | 1708        | 1709         | rBV      | 239            | 252           | 0.01%           | 0.002%        |
| 32        | 6.592       | 1709          | 1711        | 1713         | rVB      | 304            | 148           | 0.01%           | 0.001%        |
| 33        | 6.617       | 1717          | 1719        | 1722         | rVB2     | 282            | 145           | 0.01%           | 0.001%        |
| 34        | 6.656       | 1722          | 1731        | 1732         | rBV4     | 969            | 859           | 0.04%           | 0.006%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
 Data File : VV018817.D  
 Acq On : 09 Oct 2020 14:25  
 Operator : SY/MD  
 Sample : L4209-11ME  
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JLWW2ME

## 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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 6.875  | 1796 | 1799 | 1806 | rVB2 | 333    | 352     | 0.02%  | 0.003%  |
| 36 | 6.904  | 1806 | 1808 | 1812 | rBV  | 479    | 362     | 0.02%  | 0.003%  |
| 37 | 6.952  | 1821 | 1823 | 1824 | rBV  | 224    | 90      | 0.00%  | 0.001%  |
| 38 | 7.007  | 1828 | 1840 | 1871 | rBV  | 213162 | 427257  | 22.36% | 3.160%  |
| 39 | 7.338  | 1930 | 1943 | 1971 | rBV  | 807600 | 1470844 | 76.97% | 10.878% |
| 40 | 7.643  | 2028 | 2038 | 2067 | rBV  | 143340 | 295339  | 15.45% | 2.184%  |
| 41 | 7.868  | 2106 | 2108 | 2109 | rBV  | 498    | 199     | 0.01%  | 0.001%  |
| 42 | 7.910  | 2119 | 2121 | 2129 | rVB3 | 785    | 678     | 0.04%  | 0.005%  |
| 43 | 7.949  | 2130 | 2133 | 2135 | rBV3 | 535    | 313     | 0.02%  | 0.002%  |
| 44 | 7.997  | 2135 | 2148 | 2164 | rBV  | 325499 | 560645  | 29.34% | 4.146%  |
| 45 | 8.142  | 2175 | 2193 | 2230 | rBV2 | 241048 | 770837  | 40.34% | 5.701%  |
| 46 | 8.453  | 2286 | 2290 | 2292 | rBV3 | 955    | 818     | 0.04%  | 0.006%  |
| 47 | 8.505  | 2302 | 2306 | 2310 | rBV3 | 685    | 577     | 0.03%  | 0.004%  |
| 48 | 8.563  | 2321 | 2324 | 2325 | rBV  | 218    | 115     | 0.01%  | 0.001%  |
| 49 | 8.595  | 2333 | 2334 | 2335 | rBV  | 214    | 73      | 0.00%  | 0.001%  |
| 50 | 8.643  | 2345 | 2349 | 2352 | rBV2 | 516    | 403     | 0.02%  | 0.003%  |
| 51 | 8.701  | 2364 | 2367 | 2371 | rBV2 | 416    | 314     | 0.02%  | 0.002%  |
| 52 | 8.778  | 2388 | 2391 | 2392 | rBV  | 271    | 142     | 0.01%  | 0.001%  |
| 53 | 8.878  | 2410 | 2422 | 2448 | rBV  | 541095 | 1025814 | 53.68% | 7.586%  |
| 54 | 9.106  | 2490 | 2493 | 2495 | rBV2 | 137    | 91      | 0.00%  | 0.001%  |
| 55 | 9.119  | 2495 | 2497 | 2499 | rBV2 | 369    | 158     | 0.01%  | 0.001%  |
| 56 | 9.132  | 2499 | 2501 | 2503 | rBV  | 280    | 164     | 0.01%  | 0.001%  |
| 57 | 9.145  | 2503 | 2505 | 2509 | rVB2 | 489    | 327     | 0.02%  | 0.002%  |
| 58 | 9.170  | 2509 | 2513 | 2520 | rBV4 | 891    | 1195    | 0.06%  | 0.009%  |
| 59 | 9.254  | 2536 | 2539 | 2545 | rVB  | 392    | 304     | 0.02%  | 0.002%  |
| 60 | 9.302  | 2551 | 2554 | 2556 | rBV  | 125    | 91      | 0.00%  | 0.001%  |
| 61 | 9.424  | 2589 | 2592 | 2596 | rBV  | 636    | 489     | 0.03%  | 0.004%  |
| 62 | 9.505  | 2614 | 2617 | 2620 | rBV  | 428    | 319     | 0.02%  | 0.002%  |
| 63 | 9.547  | 2624 | 2630 | 2632 | rBV2 | 383    | 379     | 0.02%  | 0.003%  |
| 64 | 9.617  | 2650 | 2652 | 2656 | rVB2 | 269    | 143     | 0.01%  | 0.001%  |
| 65 | 9.756  | 2692 | 2695 | 2699 | rBV2 | 235    | 238     | 0.01%  | 0.002%  |
| 66 | 9.830  | 2717 | 2718 | 2723 | rBV3 | 241    | 166     | 0.01%  | 0.001%  |
| 67 | 9.871  | 2728 | 2731 | 2732 | rBV  | 163    | 90      | 0.00%  | 0.001%  |
| 68 | 9.942  | 2751 | 2753 | 2755 | rBV2 | 265    | 101     | 0.01%  | 0.001%  |
| 69 | 9.987  | 2763 | 2767 | 2769 | rBV2 | 320    | 199     | 0.01%  | 0.001%  |
| 70 | 10.087 | 2796 | 2798 | 2799 | rVB2 | 303    | 102     | 0.01%  | 0.001%  |
| 71 | 10.103 | 2799 | 2803 | 2805 | rBV  | 378    | 299     | 0.02%  | 0.002%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
 Data File : VV018817.D  
 Acq On : 09 Oct 2020 14:25  
 Operator : SY/MD  
 Sample : L4209-11ME  
 Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JLWW2ME

## 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

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.135 | 2810 | 2813 | 2816 | rVB  | 506    | 276     | 0.01%  | 0.002% |
| 73  | 10.151 | 2816 | 2818 | 2821 | rBV  | 414    | 227     | 0.01%  | 0.002% |
| 74  | 10.190 | 2824 | 2830 | 2834 | rBV3 | 459    | 508     | 0.03%  | 0.004% |
| 75  | 10.244 | 2834 | 2847 | 2870 | rBV  | 416245 | 711277  | 37.22% | 5.260% |
| 76  | 10.453 | 2910 | 2912 | 2913 | rBV  | 381    | 169     | 0.01%  | 0.001% |
| 77  | 10.476 | 2914 | 2919 | 2939 | rVB4 | 3068   | 6761    | 0.35%  | 0.050% |
| 78  | 10.569 | 2944 | 2948 | 2955 | rVB3 | 1665   | 1654    | 0.09%  | 0.012% |
| 79  | 10.662 | 2975 | 2977 | 2981 | rVB2 | 265    | 160     | 0.01%  | 0.001% |
| 80  | 10.720 | 2990 | 2995 | 2997 | rBV2 | 822    | 669     | 0.04%  | 0.005% |
| 81  | 10.797 | 3015 | 3019 | 3021 | rVB2 | 448    | 355     | 0.02%  | 0.003% |
| 82  | 10.813 | 3023 | 3024 | 3029 | rBV2 | 241    | 194     | 0.01%  | 0.001% |
| 83  | 10.907 | 3051 | 3053 | 3054 | rBV  | 250    | 102     | 0.01%  | 0.001% |
| 84  | 10.942 | 3055 | 3064 | 3074 | rVV2 | 4157   | 6240    | 0.33%  | 0.046% |
| 85  | 11.273 | 3156 | 3167 | 3188 | rBV  | 630064 | 983653  | 51.47% | 7.275% |
| 86  | 11.444 | 3218 | 3220 | 3228 | rVB3 | 570    | 475     | 0.02%  | 0.004% |
| 87  | 11.649 | 3272 | 3284 | 3303 | rBV  | 848959 | 1331780 | 69.69% | 9.849% |
| 88  | 11.862 | 3347 | 3350 | 3353 | rBV2 | 392    | 256     | 0.01%  | 0.002% |
| 89  | 12.000 | 3390 | 3393 | 3396 | rBV2 | 393    | 332     | 0.02%  | 0.002% |
| 90  | 12.080 | 3416 | 3418 | 3423 | rBV2 | 267    | 198     | 0.01%  | 0.001% |
| 91  | 12.103 | 3423 | 3425 | 3426 | rBV  | 228    | 88      | 0.00%  | 0.001% |
| 92  | 12.225 | 3461 | 3463 | 3469 | rVB2 | 514    | 452     | 0.02%  | 0.003% |
| 93  | 12.270 | 3469 | 3477 | 3484 | rBV3 | 1311   | 2106    | 0.11%  | 0.016% |
| 94  | 12.907 | 3673 | 3675 | 3677 | rBV  | 290    | 151     | 0.01%  | 0.001% |
| 95  | 12.948 | 3684 | 3688 | 3689 | rBV  | 387    | 281     | 0.01%  | 0.002% |
| 96  | 13.273 | 3783 | 3789 | 3790 | rBV2 | 477    | 404     | 0.02%  | 0.003% |
| 97  | 13.444 | 3839 | 3842 | 3847 | rVB3 | 334    | 246     | 0.01%  | 0.002% |
| 98  | 13.665 | 3909 | 3911 | 3913 | rBV3 | 324    | 187     | 0.01%  | 0.001% |
| 99  | 13.743 | 3933 | 3935 | 3936 | rBV3 | 285    | 133     | 0.01%  | 0.001% |
| 100 | 13.842 | 3964 | 3966 | 3969 | rBV2 | 404    | 243     | 0.01%  | 0.002% |

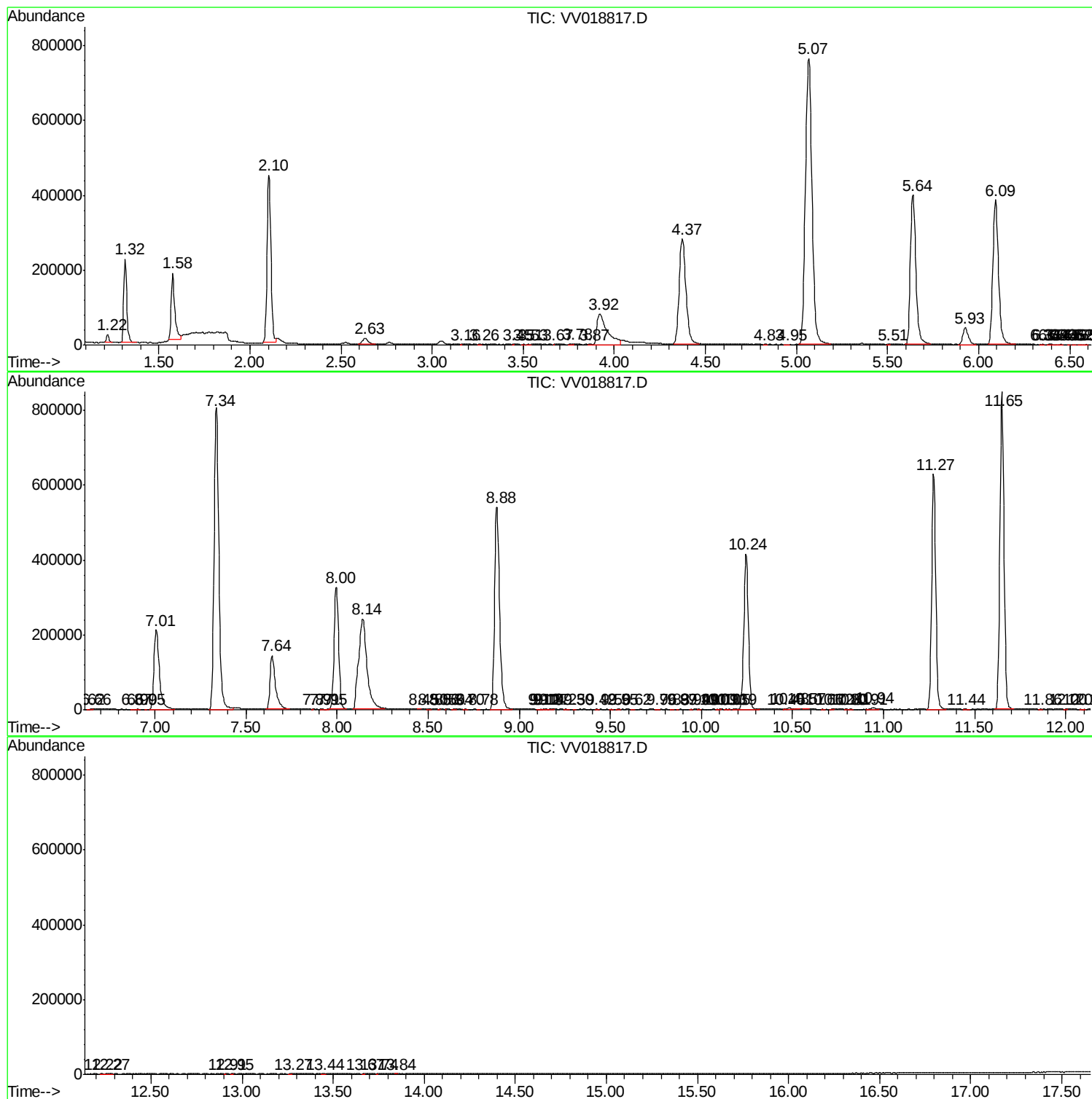
Sum of corrected areas: 13521784

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\  
Data File : VV018817.D  
Acq On : 09 Oct 2020 14:25  
Operator : SY/MD  
Sample : L4209-11ME  
Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
JLWW2ME

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 : VV018817.D  
Acq On : 09 Oct 2020 14:25  
Operator : SY/MD  
Sample : L4209-11ME  
Misc : 5.62uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
JLWW2ME

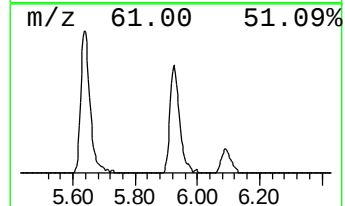
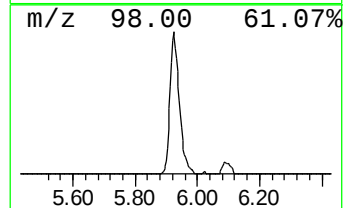
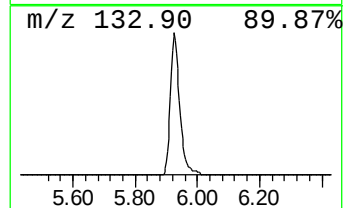
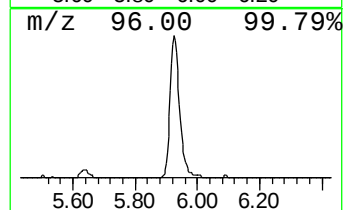
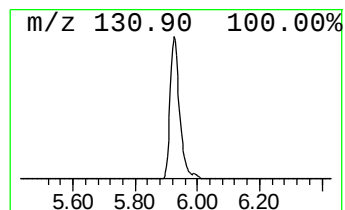
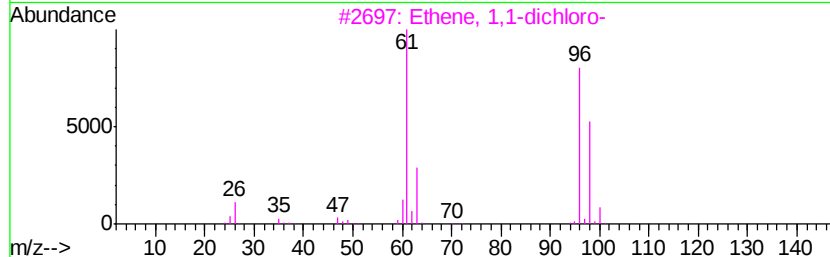
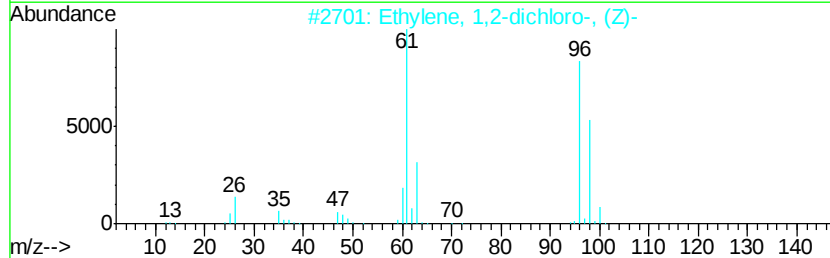
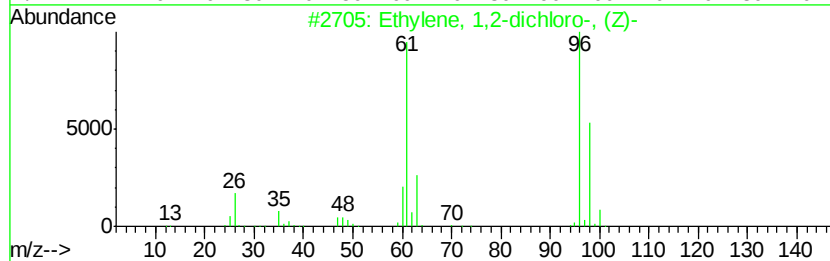
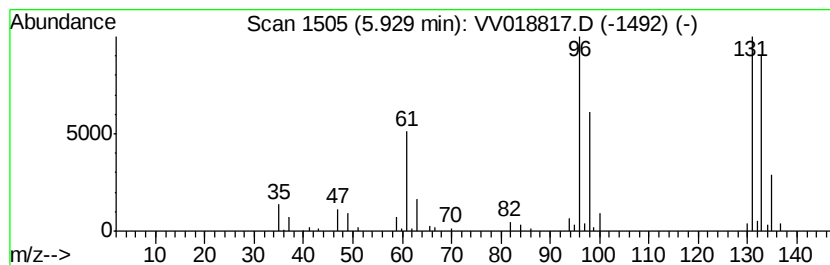
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 5.93 | 5.58 ug/L | 92543 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | 5 | Tentative ID                  | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|----|---------|-------------|------|
| 1    |    |   | Ethylene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 38   |
| 2    |    |   | Ethylene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 38   |
| 3    |    |   | Ethene, 1,1-dichloro-         | 96 | C2H2Cl2 | 000075-35-4 | 38   |
| 4    |    |   | Ethylene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 35   |
| 5    |    |   | Ethylene, 1,2-dichloro-, (E)- | 96 | C2H2Cl2 | 000156-60-5 | 35   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV100920\  
Data File : VV018817.D  
Acq On : 09 Oct 2020 14:25  
Operator : SY/MD  
Sample : L4209-11ME  
Misc : 5.62g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
JLWW2ME

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

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 5.93 | 5.6     | ug/L  | 92543    | 1                     | 5.64 | 829769 | 50.0 |