

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070319\  
 Data File : VU033163.D  
 Acq On : 03 Jul 2019 11:02  
 Operator : JC/SP  
 Sample : K3599-01ME  
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAM10ME

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.283    | 55         | 60       | 69        | rBV   | 23822       | 25786      | 3.81%        | 0.450%     |
| 2      | 1.389    | 87         | 93       | 110       | rVB   | 48983       | 62174      | 9.18%        | 1.085%     |
| 3      | 2.222    | 343        | 352      | 366       | rVB   | 126090      | 194314     | 28.68%       | 3.391%     |
| 4      | 2.714    | 502        | 505      | 506       | rBV   | 202         | 109        | 0.02%        | 0.002%     |
| 5      | 2.823    | 526        | 539      | 557       | rBV   | 10020       | 23390      | 3.45%        | 0.408%     |
| 6      | 3.202    | 653        | 657      | 659       | rBV2  | 188         | 144        | 0.02%        | 0.003%     |
| 7      | 3.219    | 659        | 662      | 665       | rVB   | 173         | 133        | 0.02%        | 0.002%     |
| 8      | 3.280    | 676        | 681      | 684       | rBV2  | 389         | 457        | 0.07%        | 0.008%     |
| 9      | 3.466    | 737        | 739      | 742       | rBV   | 258         | 125        | 0.02%        | 0.002%     |
| 10     | 3.534    | 755        | 760      | 763       | rBV2  | 342         | 300        | 0.04%        | 0.005%     |
| 11     | 3.588    | 774        | 777      | 784       | rVB2  | 207         | 232        | 0.03%        | 0.004%     |
| 12     | 3.665    | 798        | 801      | 803       | rBV   | 179         | 117        | 0.02%        | 0.002%     |
| 13     | 3.694    | 807        | 810      | 814       | rVB   | 339         | 213        | 0.03%        | 0.004%     |
| 14     | 3.727    | 817        | 820      | 825       | rBV2  | 157         | 148        | 0.02%        | 0.003%     |
| 15     | 3.746    | 825        | 826      | 831       | rBV   | 230         | 200        | 0.03%        | 0.003%     |
| 16     | 3.775    | 832        | 835      | 837       | rBV2  | 185         | 110        | 0.02%        | 0.002%     |
| 17     | 3.810    | 842        | 846      | 850       | rVB3  | 425         | 290        | 0.04%        | 0.005%     |
| 18     | 3.836    | 850        | 854      | 862       | rBV3  | 318         | 497        | 0.07%        | 0.009%     |
| 19     | 3.990    | 895        | 902      | 904       | rBV3  | 275         | 148        | 0.02%        | 0.003%     |
| 20     | 4.029    | 911        | 914      | 916       | rBV2  | 206         | 138        | 0.02%        | 0.002%     |
| 21     | 4.093    | 931        | 934      | 936       | rVB2  | 282         | 152        | 0.02%        | 0.003%     |
| 22     | 4.193    | 949        | 965      | 988       | rBV   | 52152       | 185767     | 27.42%       | 3.242%     |
| 23     | 4.633    | 1085       | 1102     | 1134      | rBV2  | 112962      | 288459     | 42.57%       | 5.033%     |
| 24     | 4.810    | 1154       | 1157     | 1158      | rBV   | 444         | 247        | 0.04%        | 0.004%     |
| 25     | 4.842    | 1163       | 1167     | 1173      | rVB3  | 363         | 434        | 0.06%        | 0.008%     |
| 26     | 4.871    | 1173       | 1176     | 1178      | rBV2  | 399         | 240        | 0.04%        | 0.004%     |
| 27     | 4.907    | 1185       | 1187     | 1191      | rBV2  | 236         | 158        | 0.02%        | 0.003%     |
| 28     | 5.022    | 1219       | 1223     | 1226      | rBV   | 179         | 142        | 0.02%        | 0.002%     |
| 29     | 5.083    | 1238       | 1242     | 1244      | rBV   | 275         | 185        | 0.03%        | 0.003%     |
| 30     | 5.112    | 1248       | 1251     | 1254      | rBV   | 147         | 123        | 0.02%        | 0.002%     |
| 31     | 5.141    | 1257       | 1260     | 1264      | rBV   | 147         | 161        | 0.02%        | 0.003%     |
| 32     | 5.186    | 1269       | 1274     | 1277      | rBV3  | 335         | 352        | 0.05%        | 0.006%     |
| 33     | 5.321    | 1295       | 1316     | 1343      | rBV2  | 235912      | 677545     | 100.00%      | 11.823%    |
| 34     | 5.518    | 1375       | 1377     | 1379      | rBV2  | 248         | 123        | 0.02%        | 0.002%     |

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 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 | 5.550 | 1385 | 1387 | 1389 | rVB  | 235    | 111    | 0.02%  | 0.002% |
| 36 | 5.563 | 1389 | 1391 | 1395 | rBV  | 284    | 185    | 0.03%  | 0.003% |
| 37 | 5.611 | 1401 | 1406 | 1408 | rBV2 | 406    | 320    | 0.05%  | 0.006% |
| 38 | 5.874 | 1475 | 1488 | 1516 | rBV  | 230138 | 477549 | 70.48% | 8.333% |
| 39 | 6.038 | 1535 | 1539 | 1542 | rVB3 | 257    | 137    | 0.02%  | 0.002% |
| 40 | 6.051 | 1542 | 1543 | 1545 | rBV3 | 224    | 116    | 0.02%  | 0.002% |
| 41 | 6.170 | 1567 | 1580 | 1595 | rVB6 | 9881   | 22381  | 3.30%  | 0.391% |
| 42 | 6.247 | 1598 | 1604 | 1607 | rBV  | 386    | 465    | 0.07%  | 0.008% |
| 43 | 6.321 | 1614 | 1627 | 1648 | rBV  | 155841 | 324689 | 47.92% | 5.666% |
| 44 | 6.489 | 1675 | 1679 | 1681 | rBV2 | 291    | 204    | 0.03%  | 0.004% |
| 45 | 6.521 | 1685 | 1689 | 1692 | rBV2 | 408    | 302    | 0.04%  | 0.005% |
| 46 | 6.550 | 1696 | 1698 | 1702 | rVB2 | 356    | 190    | 0.03%  | 0.003% |
| 47 | 6.575 | 1704 | 1706 | 1709 | rVB  | 280    | 142    | 0.02%  | 0.002% |
| 48 | 6.604 | 1711 | 1715 | 1718 | rBV2 | 435    | 402    | 0.06%  | 0.007% |
| 49 | 6.688 | 1738 | 1741 | 1744 | rBV  | 375    | 246    | 0.04%  | 0.004% |
| 50 | 6.736 | 1753 | 1756 | 1758 | rBV  | 299    | 155    | 0.02%  | 0.003% |
| 51 | 6.807 | 1775 | 1778 | 1781 | rBV2 | 179    | 120    | 0.02%  | 0.002% |
| 52 | 6.823 | 1781 | 1783 | 1785 | rBV  | 233    | 137    | 0.02%  | 0.002% |
| 53 | 6.842 | 1785 | 1789 | 1791 | rBV2 | 267    | 181    | 0.03%  | 0.003% |
| 54 | 6.871 | 1792 | 1798 | 1801 | rBV4 | 1543   | 1954   | 0.29%  | 0.034% |
| 55 | 7.042 | 1849 | 1851 | 1855 | rBV2 | 215    | 112    | 0.02%  | 0.002% |
| 56 | 7.222 | 1895 | 1907 | 1930 | rBV  | 80831  | 158319 | 23.37% | 2.763% |
| 57 | 7.402 | 1961 | 1963 | 1966 | rBV  | 354    | 240    | 0.04%  | 0.004% |
| 58 | 7.488 | 1981 | 1990 | 1995 | rBV4 | 970    | 1437   | 0.21%  | 0.025% |
| 59 | 7.556 | 1998 | 2011 | 2029 | rBV  | 278123 | 496546 | 73.29% | 8.664% |
| 60 | 7.800 | 2083 | 2087 | 2090 | rVB2 | 241    | 165    | 0.02%  | 0.003% |
| 61 | 7.845 | 2090 | 2101 | 2125 | rBV2 | 55857  | 112613 | 16.62% | 1.965% |
| 62 | 7.990 | 2142 | 2146 | 2149 | rBV  | 187    | 133    | 0.02%  | 0.002% |
| 63 | 8.013 | 2149 | 2153 | 2154 | rVV  | 184    | 118    | 0.02%  | 0.002% |
| 64 | 8.032 | 2156 | 2159 | 2163 | rVB2 | 392    | 242    | 0.04%  | 0.004% |
| 65 | 8.067 | 2168 | 2170 | 2174 | rBV  | 159    | 125    | 0.02%  | 0.002% |
| 66 | 8.090 | 2175 | 2177 | 2181 | rVB2 | 173    | 102    | 0.02%  | 0.002% |
| 67 | 8.125 | 2184 | 2188 | 2192 | rBV3 | 221    | 194    | 0.03%  | 0.003% |
| 68 | 8.148 | 2192 | 2195 | 2197 | rBV2 | 182    | 143    | 0.02%  | 0.002% |
| 69 | 8.218 | 2208 | 2217 | 2230 | rVB2 | 14179  | 24457  | 3.61%  | 0.427% |
| 70 | 8.321 | 2236 | 2249 | 2284 | rBV  | 193203 | 430161 | 63.49% | 7.506% |
| 71 | 8.627 | 2337 | 2344 | 2348 | rVB3 | 449    | 589    | 0.09%  | 0.010% |

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 ClientSampleId :  
 GAM10ME

## Integration Parameters: LSCINT.P

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 Sampling : 1  
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 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  | 8.675  | 2355 | 2359 | 2361 | rBV  | 488    | 240    | 0.04%  | 0.004%  |
| 73  | 8.704  | 2365 | 2368 | 2371 | rVV  | 188    | 128    | 0.02%  | 0.002%  |
| 74  | 8.739  | 2376 | 2379 | 2382 | rVB2 | 301    | 189    | 0.03%  | 0.003%  |
| 75  | 8.755  | 2382 | 2384 | 2386 | rVB2 | 247    | 114    | 0.02%  | 0.002%  |
| 76  | 8.775  | 2386 | 2390 | 2393 | rBV2 | 313    | 207    | 0.03%  | 0.004%  |
| 77  | 8.955  | 2445 | 2446 | 2451 | rBV  | 123    | 112    | 0.02%  | 0.002%  |
| 78  | 8.993  | 2455 | 2458 | 2461 | rVB  | 207    | 117    | 0.02%  | 0.002%  |
| 79  | 9.013  | 2462 | 2464 | 2468 | rVB2 | 146    | 104    | 0.02%  | 0.002%  |
| 80  | 9.032  | 2468 | 2470 | 2473 | rVB  | 207    | 105    | 0.02%  | 0.002%  |
| 81  | 9.086  | 2473 | 2487 | 2511 | rBV  | 345677 | 624531 | 92.18% | 10.898% |
| 82  | 9.238  | 2532 | 2534 | 2535 | rBV2 | 432    | 210    | 0.03%  | 0.004%  |
| 83  | 9.363  | 2570 | 2573 | 2575 | rBV  | 211    | 145    | 0.02%  | 0.003%  |
| 84  | 9.437  | 2589 | 2596 | 2607 | rVB3 | 5595   | 8324   | 1.23%  | 0.145%  |
| 85  | 9.697  | 2674 | 2677 | 2678 | rBV3 | 213    | 108    | 0.02%  | 0.002%  |
| 86  | 9.900  | 2738 | 2740 | 2742 | rBV  | 269    | 165    | 0.02%  | 0.003%  |
| 87  | 9.942  | 2749 | 2753 | 2756 | rBV  | 125    | 121    | 0.02%  | 0.002%  |
| 88  | 10.167 | 2821 | 2823 | 2826 | rBV  | 236    | 157    | 0.02%  | 0.003%  |
| 89  | 10.202 | 2832 | 2834 | 2839 | rVV  | 267    | 163    | 0.02%  | 0.003%  |
| 90  | 10.231 | 2840 | 2843 | 2845 | rVV  | 327    | 202    | 0.03%  | 0.004%  |
| 91  | 10.430 | 2893 | 2905 | 2923 | rBV  | 262814 | 431653 | 63.71% | 7.532%  |
| 92  | 10.611 | 2953 | 2961 | 2964 | rBV2 | 447    | 679    | 0.10%  | 0.012%  |
| 93  | 10.656 | 2973 | 2975 | 2977 | rBV  | 282    | 158    | 0.02%  | 0.003%  |
| 94  | 10.810 | 3014 | 3023 | 3034 | rBV2 | 21588  | 31608  | 4.67%  | 0.552%  |
| 95  | 11.061 | 3099 | 3101 | 3105 | rVB  | 240    | 140    | 0.02%  | 0.002%  |
| 96  | 11.080 | 3105 | 3107 | 3110 | rVB  | 205    | 134    | 0.02%  | 0.002%  |
| 97  | 11.122 | 3118 | 3120 | 3121 | rBV  | 261    | 108    | 0.02%  | 0.002%  |
| 98  | 11.482 | 3220 | 3232 | 3251 | rBV  | 361710 | 587824 | 86.76% | 10.257% |
| 99  | 11.858 | 3336 | 3349 | 3374 | rBV  | 302826 | 524031 | 77.34% | 9.144%  |
| 100 | 12.752 | 3624 | 3627 | 3628 | rBV2 | 450    | 272    | 0.04%  | 0.005%  |

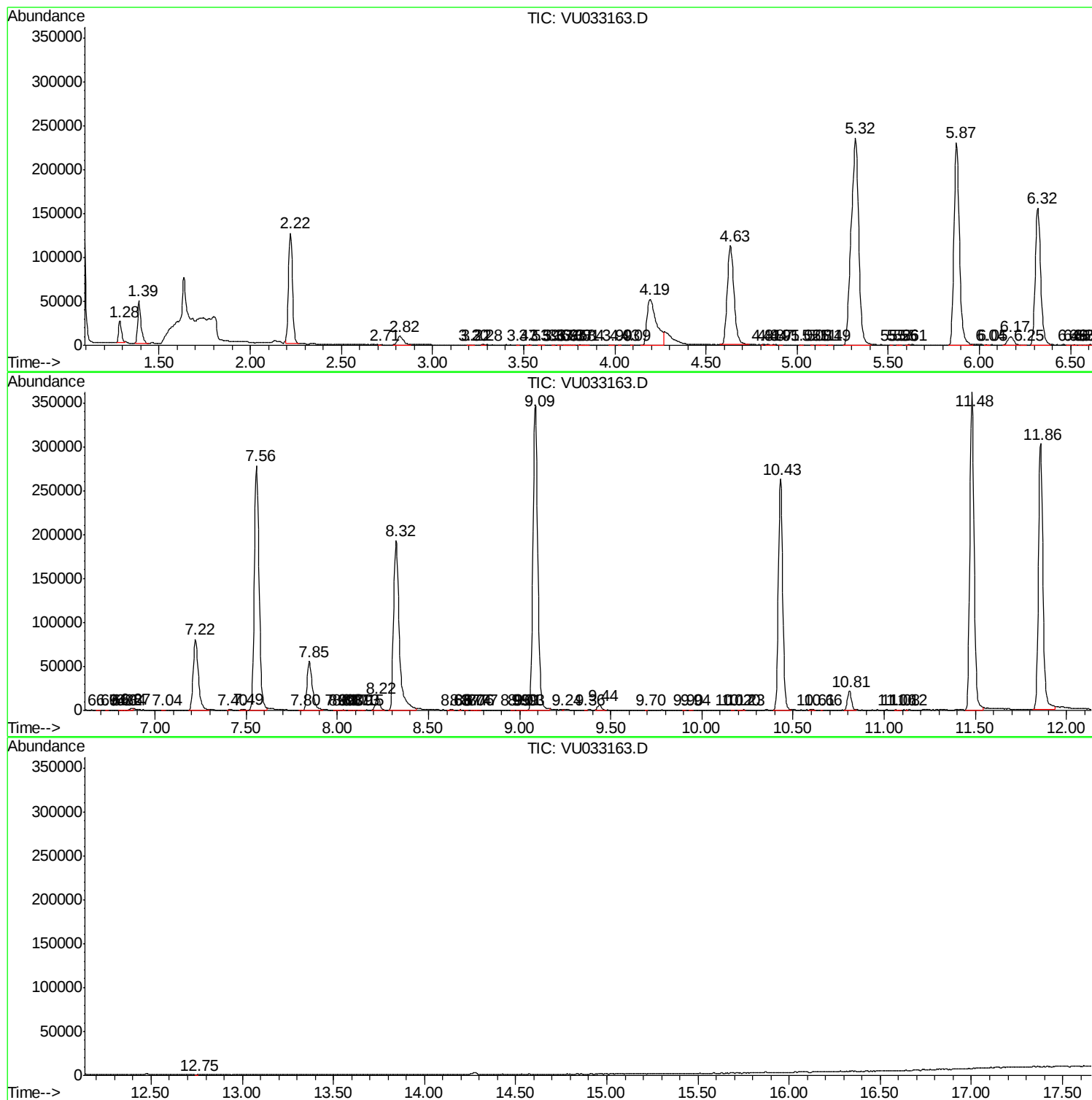
Sum of corrected areas: 5730844

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Instrument :  
MSVOA\_U  
ClientSampled :  
GAM10ME

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



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Instrument :  
MSVOA\_U  
ClientSampleId :  
GAM10ME

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

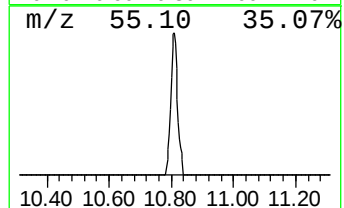
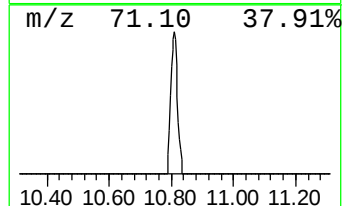
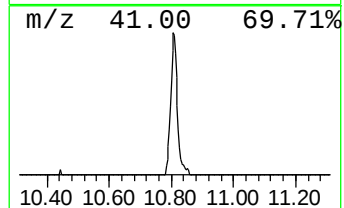
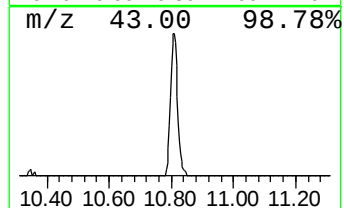
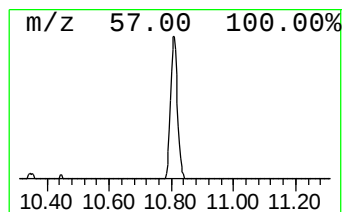
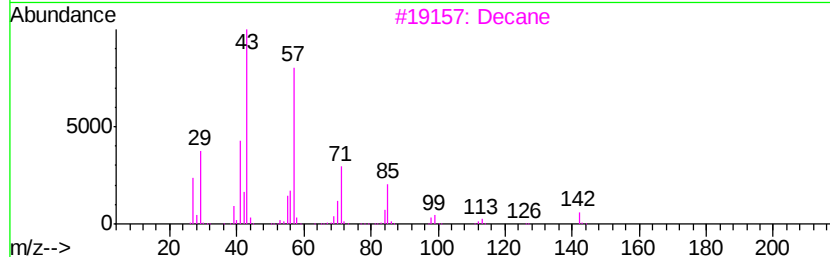
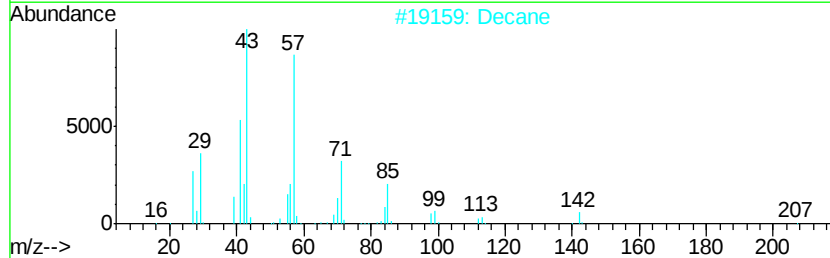
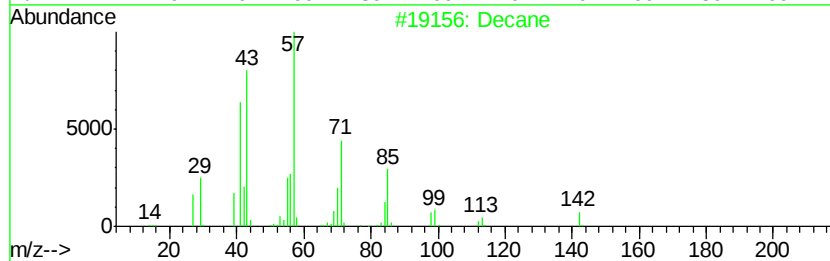
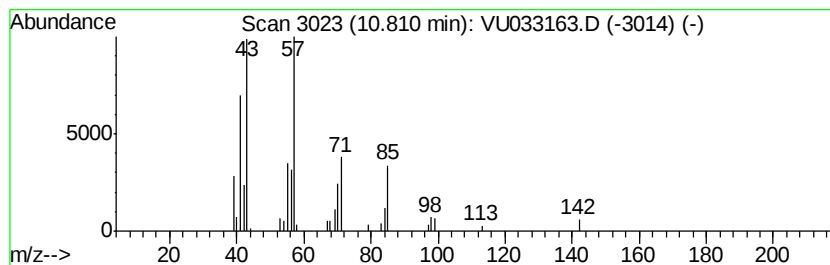
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 10.81 | 2.69 ug/L | 31608 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Decane               | 142 | C10H22  | 000124-18-5 | 90   |
| 2    |    | Decane               | 142 | C10H22  | 000124-18-5 | 86   |
| 3    |    | Decane               | 142 | C10H22  | 000124-18-5 | 80   |
| 4    |    | Nonane               | 128 | C9H20   | 000111-84-2 | 78   |
| 5    |    | Decane, 1,1'-oxybis- | 298 | C20H42O | 002456-28-2 | 78   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 10.81 | 2.7     | ug/L  | 31608    | 3                     | 11.48 | 587824 | 50.0 |