

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\  
 Data File : VX005847.D  
 Acq On : 08 Nov 2018 15:29  
 Operator : JC/MD  
 Sample : J5858-11 10X  
 Misc : 6.67µ/5mL/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-9-S

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_X\METHOD\82X110718W.M  
 Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.672    | 74         | 85       | 89        | rVB5  | 7149        | 23857      | 5.07%        | 0.289%     |
| 2      | 5.501    | 701        | 713      | 725       | rBV   | 64863       | 174880     | 37.15%       | 2.118%     |
| 3      | 5.659    | 725        | 739      | 755       | rVB   | 110624      | 306376     | 65.08%       | 3.711%     |
| 4      | 6.068    | 795        | 806      | 828       | rBV   | 70749       | 185085     | 39.32%       | 2.242%     |
| 5      | 6.860    | 925        | 936      | 968       | rBV   | 147324      | 347773     | 73.88%       | 4.212%     |
| 6      | 7.458    | 1026       | 1034     | 1041      | rBV4  | 5530        | 13932      | 2.96%        | 0.169%     |
| 7      | 8.665    | 1225       | 1232     | 1235      | rBV2  | 11292       | 21834      | 4.64%        | 0.264%     |
| 8      | 8.713    | 1235       | 1240     | 1255      | rVV   | 295760      | 470743     | 100.00%      | 5.701%     |
| 9      | 9.037    | 1288       | 1293     | 1298      | rBV   | 9100        | 14692      | 3.12%        | 0.178%     |
| 10     | 9.165    | 1306       | 1314     | 1319      | rBV2  | 7315        | 12980      | 2.76%        | 0.157%     |
| 11     | 9.439    | 1352       | 1359     | 1364      | rBV   | 6878        | 11492      | 2.44%        | 0.139%     |
| 12     | 9.561    | 1374       | 1379     | 1385      | rBV3  | 9439        | 20167      | 4.28%        | 0.244%     |
| 13     | 9.622    | 1385       | 1389     | 1393      | rVV   | 14843       | 20667      | 4.39%        | 0.250%     |
| 14     | 9.677    | 1393       | 1398     | 1402      | rVV   | 13999       | 22271      | 4.73%        | 0.270%     |
| 15     | 9.817    | 1415       | 1421     | 1426      | rBV3  | 5550        | 9879       | 2.10%        | 0.120%     |
| 16     | 9.884    | 1426       | 1432     | 1437      | rBV5  | 8895        | 20815      | 4.42%        | 0.252%     |
| 17     | 9.957    | 1440       | 1444     | 1450      | rVV   | 11862       | 17818      | 3.79%        | 0.216%     |
| 18     | 10.061   | 1454       | 1461     | 1465      | rVV   | 14132       | 22991      | 4.88%        | 0.278%     |
| 19     | 10.116   | 1465       | 1470     | 1475      | rVV   | 292350      | 405333     | 86.10%       | 4.909%     |
| 20     | 10.183   | 1479       | 1481     | 1485      | rVV3  | 6067        | 9364       | 1.99%        | 0.113%     |
| 21     | 10.244   | 1486       | 1491     | 1497      | rVV5  | 5388        | 13771      | 2.93%        | 0.167%     |
| 22     | 10.335   | 1497       | 1506     | 1508      | rVV3  | 11045       | 22685      | 4.82%        | 0.275%     |
| 23     | 10.378   | 1509       | 1513     | 1516      | rVV   | 14912       | 23983      | 5.09%        | 0.290%     |
| 24     | 10.414   | 1516       | 1519     | 1531      | rVB5  | 8787        | 19593      | 4.16%        | 0.237%     |
| 25     | 10.512   | 1531       | 1535     | 1543      | rBV3  | 7327        | 13481      | 2.86%        | 0.163%     |
| 26     | 10.640   | 1549       | 1556     | 1564      | rVB4  | 19249       | 38663      | 8.21%        | 0.468%     |
| 27     | 10.725   | 1564       | 1570     | 1575      | rBV3  | 7861        | 15620      | 3.32%        | 0.189%     |
| 28     | 10.835   | 1580       | 1588     | 1592      | rBV2  | 29973       | 51117      | 10.86%       | 0.619%     |
| 29     | 10.908   | 1592       | 1600     | 1604      | rBV3  | 22162       | 34821      | 7.40%        | 0.422%     |
| 30     | 10.945   | 1604       | 1606     | 1612      | rVB   | 9940        | 12267      | 2.61%        | 0.149%     |
| 31     | 11.055   | 1620       | 1624     | 1626      | rBV3  | 7161        | 10936      | 2.32%        | 0.132%     |
| 32     | 11.085   | 1626       | 1629     | 1632      | rVB   | 7213        | 8763       | 1.86%        | 0.106%     |
| 33     | 11.140   | 1632       | 1638     | 1643      | rBV   | 271555      | 356163     | 75.66%       | 4.314%     |
| 34     | 11.243   | 1652       | 1655     | 1658      | rBV4  | 8176        | 11517      | 2.45%        | 0.139%     |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 11.274 | 1658 | 1660 | 1664 | rVB3 | 13932  | 16295  | 3.46%  | 0.197% |
| 36 | 11.390 | 1675 | 1679 | 1684 | rBV5 | 6458   | 12768  | 2.71%  | 0.155% |
| 37 | 11.445 | 1684 | 1688 | 1691 | rVV4 | 8196   | 13112  | 2.79%  | 0.159% |
| 38 | 11.487 | 1691 | 1695 | 1699 | rVV  | 13582  | 20444  | 4.34%  | 0.248% |
| 39 | 11.536 | 1699 | 1703 | 1707 | rVV4 | 10018  | 16354  | 3.47%  | 0.198% |
| 40 | 11.682 | 1720 | 1727 | 1732 | rBV6 | 9164   | 18448  | 3.92%  | 0.223% |
| 41 | 11.768 | 1738 | 1741 | 1744 | rBV  | 14290  | 13841  | 2.94%  | 0.168% |
| 42 | 11.945 | 1764 | 1770 | 1774 | rVV3 | 16834  | 31693  | 6.73%  | 0.384% |
| 43 | 11.993 | 1774 | 1778 | 1782 | rVV2 | 13460  | 24243  | 5.15%  | 0.294% |
| 44 | 12.030 | 1782 | 1784 | 1787 | rVV2 | 7408   | 8485   | 1.80%  | 0.103% |
| 45 | 12.079 | 1787 | 1792 | 1798 | rVV  | 346961 | 446128 | 94.77% | 5.403% |
| 46 | 12.182 | 1803 | 1809 | 1810 | rBV4 | 5278   | 8783   | 1.87%  | 0.106% |
| 47 | 12.207 | 1811 | 1813 | 1819 | rVB5 | 6562   | 10605  | 2.25%  | 0.128% |
| 48 | 12.304 | 1824 | 1829 | 1834 | rBV  | 28737  | 43697  | 9.28%  | 0.529% |
| 49 | 12.365 | 1835 | 1839 | 1846 | rBV4 | 25673  | 44508  | 9.45%  | 0.539% |
| 50 | 12.475 | 1847 | 1857 | 1862 | rBV3 | 12699  | 35796  | 7.60%  | 0.434% |
| 51 | 12.524 | 1862 | 1865 | 1870 | rVB4 | 14802  | 27059  | 5.75%  | 0.328% |
| 52 | 12.633 | 1873 | 1883 | 1885 | rBV4 | 18113  | 47569  | 10.11% | 0.576% |
| 53 | 12.670 | 1885 | 1889 | 1892 | rVB  | 31351  | 33015  | 7.01%  | 0.400% |
| 54 | 12.737 | 1896 | 1900 | 1911 | rVB4 | 23098  | 68329  | 14.52% | 0.828% |
| 55 | 12.877 | 1911 | 1923 | 1928 | rVB9 | 38498  | 81511  | 17.32% | 0.987% |
| 56 | 12.944 | 1928 | 1934 | 1936 | rBV3 | 40829  | 69263  | 14.71% | 0.839% |
| 57 | 12.975 | 1936 | 1939 | 1943 | rVB2 | 34601  | 41695  | 8.86%  | 0.505% |
| 58 | 13.042 | 1947 | 1950 | 1953 | rBV3 | 33232  | 45893  | 9.75%  | 0.556% |
| 59 | 13.146 | 1963 | 1967 | 1973 | rBV5 | 20802  | 48574  | 10.32% | 0.588% |
| 60 | 13.200 | 1973 | 1976 | 1981 | rVB7 | 19160  | 29515  | 6.27%  | 0.357% |
| 61 | 13.261 | 1982 | 1986 | 1990 | rBV2 | 35242  | 54552  | 11.59% | 0.661% |
| 62 | 13.353 | 1996 | 2001 | 2006 | rVB4 | 107896 | 180039 | 38.25% | 2.180% |
| 63 | 13.402 | 2006 | 2009 | 2011 | rBV2 | 38068  | 43985  | 9.34%  | 0.533% |
| 64 | 13.438 | 2011 | 2015 | 2018 | rBV2 | 59861  | 88019  | 18.70% | 1.066% |
| 65 | 13.475 | 2018 | 2021 | 2025 | rBV4 | 36857  | 59833  | 12.71% | 0.725% |
| 66 | 13.566 | 2030 | 2036 | 2039 | rBV5 | 32460  | 73760  | 15.67% | 0.893% |
| 67 | 13.639 | 2044 | 2048 | 2051 | rBV3 | 53509  | 76831  | 16.32% | 0.931% |
| 68 | 13.731 | 2059 | 2063 | 2065 | rBV3 | 47665  | 69547  | 14.77% | 0.842% |
| 69 | 13.761 | 2065 | 2068 | 2071 | rVV2 | 74390  | 94848  | 20.15% | 1.149% |
| 70 | 13.792 | 2071 | 2073 | 2079 | rVB2 | 75147  | 116820 | 24.82% | 1.415% |
| 71 | 13.859 | 2080 | 2084 | 2087 | rBV3 | 100562 | 128732 | 27.35% | 1.559% |

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SB-9-S

## Integration Parameters: RTEINT.P

Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % 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\_X\METHOD\82X110718W.M  
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|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.902 | 2087 | 2091 | 2097 | rVB2 | 198282 | 265116 | 56.32% | 3.211% |
| 73  | 13.981 | 2097 | 2104 | 2109 | rVB5 | 120208 | 266748 | 56.67% | 3.231% |
| 74  | 14.048 | 2109 | 2115 | 2122 | rBV9 | 53445  | 155448 | 33.02% | 1.883% |
| 75  | 14.127 | 2124 | 2128 | 2131 | rBV3 | 75556  | 105720 | 22.46% | 1.280% |
| 76  | 14.158 | 2131 | 2133 | 2136 | rBV3 | 42568  | 44112  | 9.37%  | 0.534% |
| 77  | 14.194 | 2136 | 2139 | 2141 | rBV3 | 48129  | 47402  | 10.07% | 0.574% |
| 78  | 14.273 | 2149 | 2152 | 2160 | rVB4 | 127877 | 246602 | 52.39% | 2.987% |
| 79  | 14.383 | 2166 | 2170 | 2175 | rBV3 | 51834  | 81850  | 17.39% | 0.991% |
| 80  | 14.432 | 2175 | 2178 | 2182 | rVB  | 55621  | 63910  | 13.58% | 0.774% |
| 81  | 14.481 | 2182 | 2186 | 2191 | rVB5 | 52716  | 86687  | 18.41% | 1.050% |
| 82  | 14.542 | 2191 | 2196 | 2200 | rBV2 | 163901 | 273288 | 58.05% | 3.310% |
| 83  | 14.609 | 2204 | 2207 | 2209 | rBV3 | 32786  | 37570  | 7.98%  | 0.455% |
| 84  | 14.633 | 2209 | 2211 | 2214 | rVB4 | 41634  | 45367  | 9.64%  | 0.549% |
| 85  | 14.670 | 2214 | 2217 | 2224 | rBV4 | 246348 | 365990 | 77.75% | 4.433% |
| 86  | 14.731 | 2224 | 2227 | 2231 | rVB  | 124144 | 156623 | 33.27% | 1.897% |
| 87  | 14.786 | 2231 | 2236 | 2242 | rBV5 | 65137  | 139318 | 29.60% | 1.687% |
| 88  | 14.847 | 2243 | 2246 | 2249 | rBV4 | 59192  | 86007  | 18.27% | 1.042% |
| 89  | 14.877 | 2249 | 2251 | 2253 | rVV2 | 35679  | 34220  | 7.27%  | 0.414% |
| 90  | 14.907 | 2253 | 2256 | 2259 | rVB2 | 95125  | 109471 | 23.25% | 1.326% |
| 91  | 14.944 | 2259 | 2262 | 2263 | rBV2 | 19937  | 20780  | 4.41%  | 0.252% |
| 92  | 15.109 | 2285 | 2289 | 2293 | rBV3 | 36818  | 61037  | 12.97% | 0.739% |
| 93  | 15.249 | 2307 | 2312 | 2315 | rBV2 | 96333  | 162576 | 34.54% | 1.969% |
| 94  | 15.444 | 2340 | 2344 | 2348 | rBV3 | 47602  | 72397  | 15.38% | 0.877% |
| 95  | 15.548 | 2358 | 2361 | 2366 | rVB  | 55975  | 87719  | 18.63% | 1.062% |
| 96  | 15.688 | 2380 | 2384 | 2387 | rBV2 | 41465  | 71307  | 15.15% | 0.864% |
| 97  | 15.718 | 2387 | 2389 | 2398 | rVB6 | 54866  | 105921 | 22.50% | 1.283% |
| 98  | 16.169 | 2459 | 2463 | 2468 | rBV5 | 16207  | 27425  | 5.83%  | 0.332% |
| 99  | 16.688 | 2545 | 2548 | 2554 | rVB4 | 8778   | 15230  | 3.24%  | 0.184% |
| 100 | 16.749 | 2554 | 2558 | 2564 | rVB4 | 5327   | 10142  | 2.15%  | 0.123% |

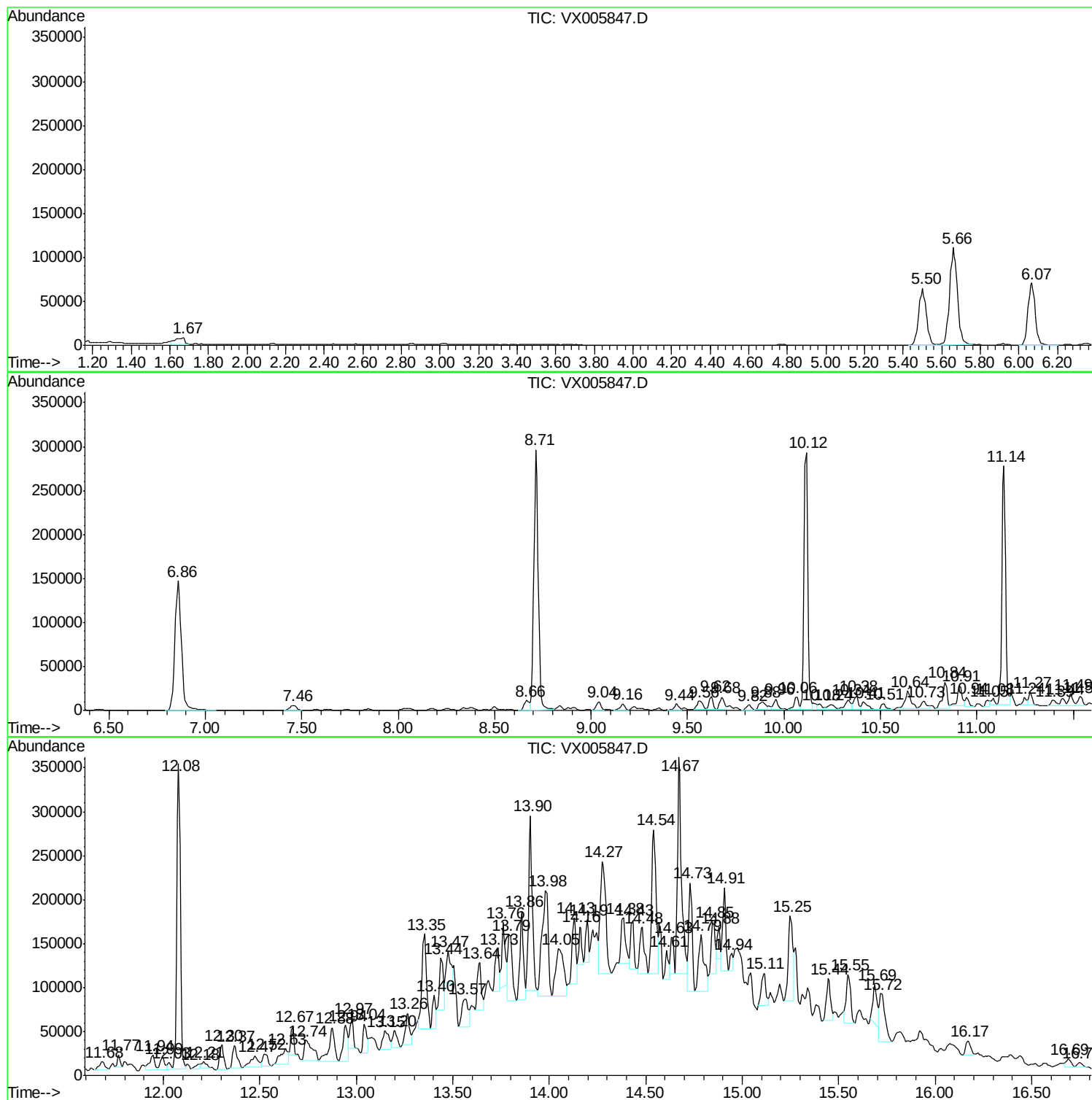
Sum of corrected areas: 8256901

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Quant Title : SW846 8260

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



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 TIC Integration Parameters: LSCINT.P

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 Peak Number 1 unknown-13.35 Concentration Rank 6

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.           |
|---------|-------------------------------------|--------------|------------------------|----------------|
| 13.35   | 20.18 ug/l                          | 180039       | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | 1H-Indene, 2,3-dihydro-4-methyl-    | 132          | C10H12                 | 000824-22-6 42 |
| 2       | 1-Phenyl-1-butene                   | 132          | C10H12                 | 000824-90-8 42 |
| 3       | Benzene, (1-methyl-1-propenyl)-,... | 132          | C10H12                 | 000767-99-7 38 |
| 4       | 1H-Indene, 2,3-dihydro-5-methyl-    | 132          | C10H12                 | 000874-35-1 38 |
| 5       | 1H-Indene, 2,3-dihydro-2-methyl-    | 132          | C10H12                 | 000824-63-5 38 |

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 Peak Number 2 Tridecane, 7-methyl- Concentration Rank 4

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.            |
|---------|-------------------------------------|--------------|------------------------|-----------------|
| 13.90   | 29.71 ug/l                          | 265116       | 1,4-Dichlorobenzene-d4 | 12.08           |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual       |
| 1       | Tridecane, 7-methyl-                | 198          | C14H30                 | 026730-14-3 81  |
| 2       | Octane, 2,6-dimethyl-               | 142          | C10H22                 | 002051-30-1 72  |
| 3       | Sulfurous acid, dodecyl 2-ethylh... | 362          | C20H42O3S              | 1000309-19-5 64 |
| 4       | Dodecane, 4,6-dimethyl-             | 198          | C14H30                 | 061141-72-8 59  |
| 5       | Undecane, 6,6-dimethyl-             | 184          | C13H28                 | 017312-76-4 59  |

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 Peak Number 3 1-Methylindan-2-one Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.           |
|---------|-------------------------------------|--------------|------------------------|----------------|
| 13.98   | 29.90 ug/l                          | 266748       | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | 1-Methylindan-2-one                 | 146          | C10H10O                | 035587-60-1 60 |
| 2       | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146          | C10H10O                | 017496-14-9 60 |
| 3       | 2-Propenal, 3-(4-methylphenyl)-     | 146          | C10H10O                | 001504-75-2 53 |
| 4       | Naphthalene, 1,2,3,4-tetrahydro-... | 146          | C11H14                 | 001559-81-5 50 |
| 5       | Naphthalene, 1,2,3,4-tetrahydro-... | 146          | C11H14                 | 002809-64-5 46 |

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 Peak Number 4 unknown-14.05 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|------|---------|------|------------------|------|
|------|---------|------|------------------|------|

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 Quant Title : SW846 8260

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

| 14.05 | 17.42 ug/l | 155448 | 1,4-Dichlorobenzene-d4              | 12.08 |           |             |      |
|-------|------------|--------|-------------------------------------|-------|-----------|-------------|------|
| Hit#  | of         | 5      | Tentative ID                        | MW    | MolForm   | CAS#        | Qual |
| 1     |            |        | Cyclohexanecarboxylic acid, 4-pr... | 271   | C17H21NO2 | 062439-33-2 | 43   |
| 2     |            |        | Zinc, bis[2-(1,1-dimethylethyl)-... | 314   | C18H34Zn  | 074793-36-5 | 43   |
| 3     |            |        | Cyclohexane, 1,2-diethyl-3-methyl-  | 154   | C11H22    | 061141-80-8 | 43   |
| 4     |            |        | Cyclohexane, 1,3,5-trimethyl-2-o... | 378   | C27H54    | 055282-34-3 | 38   |
| 5     |            |        | 4-Nonene, 2,3,3-trimethyl-, (Z)-    | 168   | C12H24    | 063830-68-2 | 38   |

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 Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.     |             |      |
|---------|------------|-------------------------------------|------------------------|----------|-------------|------|
| 14.27   | 27.64 ug/l | 246602                              | 1,4-Dichlorobenzene-d4 | 12.08    |             |      |
| Hit# of | 5          | Tentative ID                        | MW                     | MolForm  | CAS#        | Qual |
| 1       |            | Benzene, (2-methyl-1-butenyl)-      | 146                    | C11H14   | 056253-64-6 | 70   |
| 2       |            | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146                    | C11H14   | 001075-22-5 | 30   |
| 3       |            | 1,3-Cyclopentadiene, 5-(trans-2-... | 146                    | C11H14   | 079209-36-2 | 30   |
| 4       |            | 1,1-Dimethyl-1-sila-3-thiacycloh... | 146                    | C6H14SSi | 018163-14-9 | 30   |
| 5       |            | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146                    | C11H14   | 006682-71-9 | 30   |

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 Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD                    | R.T.  |         |             |      |
|-------|------------|--------|-------------------------------------|-------|---------|-------------|------|
| 14.54 | 30.63 ug/l | 273288 | 1,4-Dichlorobenzene-d4              | 12.08 |         |             |      |
| Hit#  | of         | 5      | Tentative ID                        | MW    | MolForm | CAS#        | Qual |
| 1     |            |        | Naphthalene, 1,2,3,4-tetrahydro-... | 146   | C11H14  | 002809-64-5 | 89   |
| 2     |            |        | Naphthalene, 1,2,3,4-tetrahydro-... | 146   | C11H14  | 001680-51-9 | 70   |
| 3     |            |        | 1H-Benzimidazole, 5,6-dimethyl-     | 146   | C9H10N2 | 000582-60-5 | 64   |
| 4     |            |        | 2-Propyn-1-ol, 3-(4-methylphenyl)-  | 146   | C10H10O | 016017-24-6 | 62   |
| 5     |            |        | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146   | C11H14  | 000769-25-5 | 60   |

\*\*\*\*\*  
 Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 1

| R.T.    | EstConc    | Area         | Relative to ISTD       |         | R.T.  |      |
|---------|------------|--------------|------------------------|---------|-------|------|
| 14.67   | 41.02 ug/l | 365990       | 1,4-Dichlorobenzene-d4 |         | 12.08 |      |
| Hit# of | 5          | Tentative ID | MW                     | MolForm | CAS#  | Qual |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX110818\  
 Data File : VX005847.D  
 Acq On : 08 Nov 2018 15:29  
 Operator : JC/MD  
 Sample : J5858-11 10X  
 Misc : 6.67g/5mL/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-9-S

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260

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

|   |                                      |     |          |              |    |
|---|--------------------------------------|-----|----------|--------------|----|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-...  | 160 | C12H16   | 013065-07-1  | 70 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-...  | 160 | C12H16   | 004175-54-6  | 60 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-...  | 160 | C12H16   | 007524-63-2  | 55 |
| 4 | 2-Phenylpropyl butyrate              | 206 | C13H18O2 | 080866-83-7  | 43 |
| 5 | Acetonitrile, 2-[4-(cyanomethyl)...] | 145 | C8H7N3   | 1000197-65-1 | 25 |

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 Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.73 | 17.55 ug/l | 156623 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 90   |
| 2       |   | Benzene, (2,2-dimethyl-1-methyle... | 160 | C12H16  | 005676-29-9 | 89   |
| 3       |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 86   |
| 4       |   | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16  | 001129-29-9 | 86   |
| 5       |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 025419-33-4 | 76   |

\*\*\*\*\*  
 Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.79 | 15.61 ug/l | 139318 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Indene, 2,3-dihydro-1,1,4,5-t... | 174 | C13H18  | 016204-57-2 | 87   |
| 2       |   | Ethanone, 1-[4-(1-methyl-2-prope... | 174 | C12H14O | 109586-49-4 | 64   |
| 3       |   | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18  | 021693-51-6 | 60   |
| 4       |   | 1H-Indene, 2,3-dihydro-1,1,4,6-t... | 174 | C13H18  | 000941-60-6 | 55   |
| 5       |   | Indan, 1,1,6,7-tetramethyl-         | 174 | C13H18  | 016204-58-3 | 55   |

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 Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 15.25 | 18.22 ug/l | 162576 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 93   |
| 2       |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 93   |
| 3       |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX110818\  
Data File : VX005847.D  
Acq On : 08 Nov 2018 15:29  
Operator : JC/MD  
Sample : J5858-11 10X  
Misc : 6.67g/5mL/100ul/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-9-S

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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

|   |                                     |     |        |             |    |
|---|-------------------------------------|-----|--------|-------------|----|
| 4 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 89 |
| 5 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 76 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX110818\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-9-S

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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-13.35        | 13.35 | 20.2    | ug/l  | 180039   | 4                     | 12.08 | 446128 | 50.0 |
| Tridecane, 7-methyl- | 13.90 | 29.7    | ug/l  | 265116   | 4                     | 12.08 | 446128 | 50.0 |
| 1-Methylindan-2-one  | 13.98 | 29.9    | ug/l  | 266748   | 4                     | 12.08 | 446128 | 50.0 |
| unknown-14.05        | 14.05 | 17.4    | ug/l  | 155448   | 4                     | 12.08 | 446128 | 50.0 |
| Benzene, (2-methy... | 14.27 | 27.6    | ug/l  | 246602   | 4                     | 12.08 | 446128 | 50.0 |
| Naphthalene, 1,2,... | 14.54 | 30.6    | ug/l  | 273288   | 4                     | 12.08 | 446128 | 50.0 |
| Naphthalene, 1,2,... | 14.67 | 41.0    | ug/l  | 365990   | 4                     | 12.08 | 446128 | 50.0 |
| Naphthalene, 1,2,... | 14.73 | 17.6    | ug/l  | 156623   | 4                     | 12.08 | 446128 | 50.0 |
| 1H-Indene, 2,3-di... | 14.79 | 15.6    | ug/l  | 139318   | 4                     | 12.08 | 446128 | 50.0 |
| 1H-Indene, 2,3-di... | 15.25 | 18.2    | ug/l  | 162576   | 4                     | 12.08 | 446128 | 50.0 |