

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\  
 Data File : VX002430.D  
 Acq On : 09 Jun 2018 19:16  
 Operator : JC/MD  
 Sample : J3394-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 W-41

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\82X060418W.M  
 Title : SW846 8260

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         | 1.075       | 76            | 80          | 93           | rBV      | 878168         | 1178551       | 96.91%          | 6.906%        |
| 2         | 1.270       | 108           | 112         | 115          | rBV      | 70555          | 91779         | 7.55%           | 0.538%        |
| 3         | 1.300       | 115           | 117         | 120          | rVB      | 82521          | 69947         | 5.75%           | 0.410%        |
| 4         | 1.404       | 130           | 134         | 140          | rVB      | 242473         | 240970        | 19.82%          | 1.412%        |
| 5         | 1.794       | 193           | 198         | 206          | rVB      | 61017          | 92926         | 7.64%           | 0.545%        |
| 6         | 2.020       | 230           | 235         | 244          | rVB      | 58536          | 89780         | 7.38%           | 0.526%        |
| 7         | 2.117       | 247           | 251         | 256          | rVB      | 15485          | 23114         | 1.90%           | 0.135%        |
| 8         | 2.270       | 270           | 276         | 288          | rVB      | 347582         | 544602        | 44.78%          | 3.191%        |
| 9         | 2.623       | 329           | 334         | 340          | rVB      | 11625          | 21202         | 1.74%           | 0.124%        |
| 10        | 2.812       | 359           | 365         | 377          | rVV      | 118626         | 228310        | 18.77%          | 1.338%        |
| 11        | 2.934       | 378           | 385         | 395          | rVB      | 96085          | 200227        | 16.47%          | 1.173%        |
| 12        | 4.397       | 617           | 625         | 635          | rVB2     | 10180          | 29290         | 2.41%           | 0.172%        |
| 13        | 4.525       | 640           | 646         | 654          | rVB3     | 8724           | 23706         | 1.95%           | 0.139%        |
| 14        | 5.312       | 765           | 775         | 786          | rVB3     | 16334          | 50985         | 4.19%           | 0.299%        |
| 15        | 5.507       | 796           | 807         | 816          | rBV      | 139795         | 401184        | 32.99%          | 2.351%        |
| 16        | 5.666       | 824           | 833         | 853          | rVB      | 219661         | 622954        | 51.23%          | 3.650%        |
| 17        | 6.074       | 888           | 900         | 910          | rBV      | 157949         | 410503        | 33.76%          | 2.405%        |
| 18        | 6.306       | 924           | 938         | 945          | rBV      | 23843          | 69893         | 5.75%           | 0.410%        |
| 19        | 6.397       | 945           | 953         | 959          | rVV4     | 10231          | 31060         | 2.55%           | 0.182%        |
| 20        | 6.867       | 1019          | 1030        | 1054         | rBV      | 315591         | 760845        | 62.57%          | 4.458%        |
| 21        | 7.464       | 1118          | 1128        | 1135         | rBV3     | 20072          | 47651         | 3.92%           | 0.279%        |
| 22        | 8.574       | 1305          | 1310        | 1319         | rVB4     | 8231           | 16344         | 1.34%           | 0.096%        |
| 23        | 8.720       | 1328          | 1334        | 1341         | rVV      | 796271         | 1216072       | 100.00%         | 7.126%        |
| 24        | 8.787       | 1341          | 1345        | 1351         | rVV      | 82556          | 128807        | 10.59%          | 0.755%        |
| 25        | 9.037       | 1380          | 1386        | 1392         | rVB5     | 16262          | 29734         | 2.45%           | 0.174%        |
| 26        | 9.220       | 1413          | 1416        | 1427         | rVB      | 7920           | 15518         | 1.28%           | 0.091%        |
| 27        | 9.628       | 1478          | 1483        | 1488         | rBV2     | 9287           | 14033         | 1.15%           | 0.082%        |
| 28        | 10.031      | 1538          | 1549        | 1555         | rBV6     | 6028           | 17362         | 1.43%           | 0.102%        |
| 29        | 10.116      | 1555          | 1563        | 1571         | rBV      | 667986         | 935416        | 76.92%          | 5.481%        |
| 30        | 10.189      | 1571          | 1575        | 1583         | rVB      | 15790          | 24686         | 2.03%           | 0.145%        |
| 31        | 10.366      | 1594          | 1604        | 1609         | rVB2     | 38762          | 73130         | 6.01%           | 0.429%        |
| 32        | 10.665      | 1641          | 1653        | 1656         | rBV6     | 10763          | 24966         | 2.05%           | 0.146%        |
| 33        | 10.841      | 1672          | 1682        | 1688         | rBV4     | 12003          | 21927         | 1.80%           | 0.128%        |
| 34        | 11.018      | 1707          | 1711        | 1720         | rBV      | 64943          | 93795         | 7.71%           | 0.550%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 11.140 | 1725 | 1731 | 1736 | rBV  | 668841 | 830317 | 68.28% | 4.865% |
| 36 | 11.189 | 1736 | 1739 | 1743 | rVB3 | 9431   | 13372  | 1.10%  | 0.078% |
| 37 | 11.366 | 1763 | 1768 | 1772 | rBV  | 27999  | 37748  | 3.10%  | 0.221% |
| 38 | 11.677 | 1815 | 1819 | 1826 | rVB6 | 9653   | 17658  | 1.45%  | 0.103% |
| 39 | 11.774 | 1828 | 1835 | 1838 | rBV  | 34847  | 48917  | 4.02%  | 0.287% |
| 40 | 11.927 | 1851 | 1860 | 1861 | rBV  | 53238  | 69806  | 5.74%  | 0.409% |
| 41 | 11.951 | 1861 | 1864 | 1871 | rVV  | 111227 | 139909 | 11.50% | 0.820% |
| 42 | 12.079 | 1880 | 1885 | 1893 | rBV  | 710786 | 916113 | 75.33% | 5.368% |
| 43 | 12.238 | 1906 | 1911 | 1915 | rBV  | 36922  | 47436  | 3.90%  | 0.278% |
| 44 | 12.305 | 1915 | 1922 | 1928 | rBV  | 193118 | 249297 | 20.50% | 1.461% |
| 45 | 12.372 | 1929 | 1933 | 1943 | rVB2 | 98952  | 173060 | 14.23% | 1.014% |
| 46 | 12.463 | 1943 | 1948 | 1954 | rBV  | 82361  | 112203 | 9.23%  | 0.657% |
| 47 | 12.670 | 1975 | 1982 | 1985 | rBV  | 282338 | 349907 | 28.77% | 2.050% |
| 48 | 12.707 | 1985 | 1988 | 1992 | rVB  | 106613 | 129577 | 10.66% | 0.759% |
| 49 | 12.762 | 1992 | 1997 | 2004 | rVB  | 223594 | 322939 | 26.56% | 1.892% |
| 50 | 12.823 | 2004 | 2007 | 2011 | rVB2 | 24325  | 28023  | 2.30%  | 0.164% |
| 51 | 12.902 | 2011 | 2020 | 2025 | rVB  | 92927  | 150646 | 12.39% | 0.883% |
| 52 | 12.981 | 2025 | 2033 | 2037 | rBV  | 274955 | 380849 | 31.32% | 2.232% |
| 53 | 13.024 | 2037 | 2040 | 2046 | rVB2 | 24306  | 38083  | 3.13%  | 0.223% |
| 54 | 13.091 | 2046 | 2051 | 2055 | rBV2 | 48086  | 74634  | 6.14%  | 0.437% |
| 55 | 13.158 | 2058 | 2062 | 2064 | rBV  | 21557  | 28093  | 2.31%  | 0.165% |
| 56 | 13.195 | 2065 | 2068 | 2071 | rBV2 | 77459  | 94569  | 7.78%  | 0.554% |
| 57 | 13.231 | 2071 | 2074 | 2076 | rVV  | 42717  | 44946  | 3.70%  | 0.263% |
| 58 | 13.256 | 2076 | 2078 | 2083 | rVB2 | 40222  | 51296  | 4.22%  | 0.301% |
| 59 | 13.317 | 2083 | 2088 | 2089 | rBV2 | 35251  | 48171  | 3.96%  | 0.282% |
| 60 | 13.347 | 2089 | 2093 | 2100 | rVB2 | 576814 | 835288 | 68.69% | 4.894% |
| 61 | 13.408 | 2100 | 2103 | 2105 | rBV3 | 17409  | 23622  | 1.94%  | 0.138% |
| 62 | 13.487 | 2112 | 2116 | 2122 | rVB2 | 41265  | 58266  | 4.79%  | 0.341% |
| 63 | 13.567 | 2125 | 2129 | 2132 | rVV2 | 32006  | 49193  | 4.05%  | 0.288% |
| 64 | 13.603 | 2132 | 2135 | 2138 | rVV  | 57408  | 76445  | 6.29%  | 0.448% |
| 65 | 13.646 | 2138 | 2142 | 2145 | rVV2 | 131032 | 195597 | 16.08% | 1.146% |
| 66 | 13.701 | 2145 | 2151 | 2153 | rVV2 | 100812 | 216053 | 17.77% | 1.266% |
| 67 | 13.725 | 2153 | 2155 | 2166 | rVB2 | 135950 | 202964 | 16.69% | 1.189% |
| 68 | 13.810 | 2166 | 2169 | 2173 | rBV  | 32058  | 38678  | 3.18%  | 0.227% |
| 69 | 13.853 | 2173 | 2176 | 2181 | rVB  | 40766  | 55799  | 4.59%  | 0.327% |
| 70 | 13.914 | 2181 | 2186 | 2191 | rVB  | 164962 | 211099 | 17.36% | 1.237% |
| 71 | 13.987 | 2191 | 2198 | 2202 | rBV2 | 199867 | 296724 | 24.40% | 1.739% |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 14.036 | 2202 | 2206 | 2209 | rVV2 | 55236  | 74495  | 6.13%  | 0.437% |
| 73  | 14.097 | 2213 | 2216 | 2218 | rVB3 | 14076  | 12954  | 1.07%  | 0.076% |
| 74  | 14.134 | 2218 | 2222 | 2225 | rBV  | 59965  | 78775  | 6.48%  | 0.462% |
| 75  | 14.164 | 2225 | 2227 | 2231 | rVB  | 53791  | 63959  | 5.26%  | 0.375% |
| 76  | 14.292 | 2241 | 2248 | 2255 | rVB3 | 149803 | 308085 | 25.33% | 1.805% |
| 77  | 14.383 | 2259 | 2263 | 2267 | rVB  | 58994  | 67693  | 5.57%  | 0.397% |
| 78  | 14.438 | 2267 | 2272 | 2276 | rVB  | 79770  | 107076 | 8.81%  | 0.627% |
| 79  | 14.481 | 2276 | 2279 | 2284 | rVB  | 25588  | 33070  | 2.72%  | 0.194% |
| 80  | 14.542 | 2284 | 2289 | 2295 | rBV2 | 244603 | 340901 | 28.03% | 1.998% |
| 81  | 14.676 | 2306 | 2311 | 2314 | rBV2 | 84668  | 124822 | 10.26% | 0.731% |
| 82  | 14.737 | 2318 | 2321 | 2325 | rVB  | 75463  | 92718  | 7.62%  | 0.543% |
| 83  | 14.792 | 2326 | 2330 | 2332 | rBV3 | 18884  | 24358  | 2.00%  | 0.143% |
| 84  | 14.847 | 2332 | 2339 | 2343 | rVV2 | 295066 | 437026 | 35.94% | 2.561% |
| 85  | 14.883 | 2343 | 2345 | 2347 | rVV3 | 36481  | 41299  | 3.40%  | 0.242% |
| 86  | 14.908 | 2347 | 2349 | 2354 | rVB3 | 36476  | 45770  | 3.76%  | 0.268% |
| 87  | 14.969 | 2354 | 2359 | 2366 | rBV5 | 30166  | 62981  | 5.18%  | 0.369% |
| 88  | 15.121 | 2379 | 2384 | 2387 | rVB3 | 14797  | 23638  | 1.94%  | 0.139% |
| 89  | 15.255 | 2400 | 2406 | 2414 | rBV  | 71710  | 139421 | 11.46% | 0.817% |
| 90  | 15.328 | 2414 | 2418 | 2425 | rVB4 | 21387  | 41126  | 3.38%  | 0.241% |
| 91  | 15.450 | 2434 | 2438 | 2440 | rBV5 | 15516  | 21491  | 1.77%  | 0.126% |
| 92  | 15.481 | 2440 | 2443 | 2447 | rVV  | 23041  | 31421  | 2.58%  | 0.184% |
| 93  | 15.560 | 2451 | 2456 | 2460 | rVV3 | 49342  | 84232  | 6.93%  | 0.494% |
| 94  | 15.603 | 2460 | 2463 | 2468 | rVV5 | 20925  | 39526  | 3.25%  | 0.232% |
| 95  | 15.694 | 2471 | 2478 | 2482 | rVV2 | 62995  | 134656 | 11.07% | 0.789% |
| 96  | 15.731 | 2482 | 2484 | 2492 | rVB5 | 23164  | 38026  | 3.13%  | 0.223% |
| 97  | 15.810 | 2493 | 2497 | 2504 | rBV4 | 13821  | 31321  | 2.58%  | 0.184% |
| 98  | 15.932 | 2513 | 2517 | 2520 | rVB2 | 18328  | 27633  | 2.27%  | 0.162% |
| 99  | 16.072 | 2537 | 2540 | 2544 | rBV3 | 13441  | 20095  | 1.65%  | 0.118% |
| 100 | 16.176 | 2552 | 2557 | 2563 | rBV7 | 9005   | 18764  | 1.54%  | 0.110% |

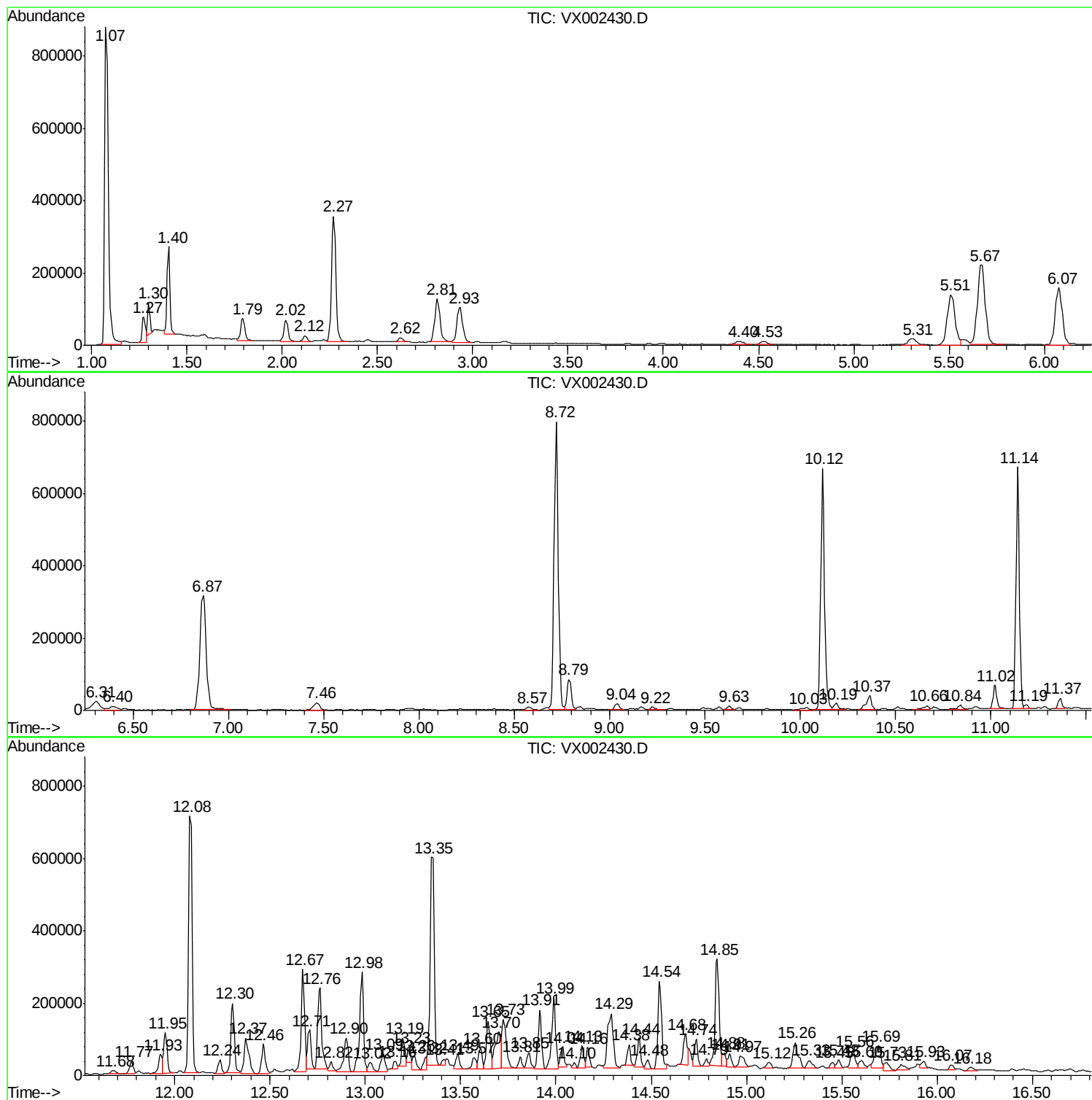
Sum of corrected areas: 17065898

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Quant Title : SW846 8260

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



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\*\*\*\*\*  
 Peak Number 1 Butane Concentration Rank 6

| R.T.    | EstConc                    | Area          | Relative to ISTD   | R.T.      |
|---------|----------------------------|---------------|--------------------|-----------|
| 1.40    | 19.34 ug/l                 | 240970        | Pentafluorobenzene | 5.67      |
| Hit# of | 5                          | Tentative ID  | MW MolForm         | CAS# Qual |
| 1       | Butane                     | 58 C4H10      | 000106-97-8        | 72        |
| 2       | Isobutane                  | 58 C4H10      | 000075-28-5        | 9         |
| 3       | Isopropylsulfonyl chloride | 142 C3H7ClO2S | 010147-37-2        | 9         |
| 4       | Propane, 1-nitro-          | 89 C3H7NO2    | 000108-03-2        | 9         |
| 5       | Diazene, dimethyl-         | 58 C2H6N2     | 000503-28-6        | 5         |

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 Peak Number 2 Cyclopropane, 1,2-dimethyl-... Concentration Rank 3

| R.T.    | EstConc                           | Area         | Relative to ISTD   | R.T.      |
|---------|-----------------------------------|--------------|--------------------|-----------|
| 2.27    | 43.71 ug/l                        | 544602       | Pentafluorobenzene | 5.67      |
| Hit# of | 5                                 | Tentative ID | MW MolForm         | CAS# Qual |
| 1       | Cyclopropane, 1,2-dimethyl-, cis- | 70 C5H10     | 000930-18-7        | 90        |
| 2       | 2-Pentene, (E)-                   | 70 C5H10     | 000646-04-8        | 87        |
| 3       | 2-Butene, 2-methyl-               | 70 C5H10     | 000513-35-9        | 86        |
| 4       | Cyclopropane, 1,1-dimethyl-       | 70 C5H10     | 001630-94-0        | 80        |
| 5       | 1-Butene, 3-methyl-               | 70 C5H10     | 000563-45-1        | 78        |

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 Peak Number 3 Cyclopentene Concentration Rank 9

| R.T.    | EstConc                            | Area         | Relative to ISTD   | R.T.      |
|---------|------------------------------------|--------------|--------------------|-----------|
| 2.81    | 18.32 ug/l                         | 228310       | Pentafluorobenzene | 5.67      |
| Hit# of | 5                                  | Tentative ID | MW MolForm         | CAS# Qual |
| 1       | Cyclopentene                       | 68 C5H8      | 000142-29-0        | 91        |
| 2       | Cyclopropane, methylmethylene-     | 68 C5H8      | 018631-84-0        | 83        |
| 3       | 2,3-Diazabicyclo[2.2.1]-hept-2-ene | 96 C5H8N2    | 002721-32-6        | 78        |
| 4       | 1-Butyne, 3-methyl-                | 68 C5H8      | 000598-23-2        | 64        |
| 5       | 1,4-Pentadiene                     | 68 C5H8      | 000591-93-5        | 58        |

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 Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

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

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

|           |                                |        |                        |             |      |
|-----------|--------------------------------|--------|------------------------|-------------|------|
| 12.67     | 19.10 ug/l                     | 349907 | 1,4-Dichlorobenzene-d4 | 12.09       |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm                | CAS#        | Qual |
| 1         | Benzene, 4-ethyl-1,2-dimethyl- | 134    | C10H14                 | 000934-80-5 | 96   |
| 2         | Benzene, 2-ethyl-1,3-dimethyl- | 134    | C10H14                 | 002870-04-4 | 95   |
| 3         | o-Cymene                       | 134    | C10H14                 | 000527-84-4 | 95   |
| 4         | p-Cymene                       | 134    | C10H14                 | 000099-87-6 | 95   |
| 5         | Benzene, 1-ethyl-2,3-dimethyl- | 134    | C10H14                 | 000933-98-2 | 95   |

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 Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

| R.T.      | EstConc                         | Area   | Relative to ISTD       | R.T.        |      |
|-----------|---------------------------------|--------|------------------------|-------------|------|
| 12.76     | 17.63 ug/l                      | 322939 | 1,4-Dichlorobenzene-d4 | 12.09       |      |
| Hit# of 5 | Tentative ID                    | MW     | MolForm                | CAS#        | Qual |
| 1         | Benzene, 1-ethenyl-3-ethyl-     | 132    | C10H12                 | 007525-62-4 | 91   |
| 2         | Benzene, (2-methyl-1-propenyl)- | 132    | C10H12                 | 000768-49-0 | 87   |
| 3         | Indan, 1-methyl-                | 132    | C10H12                 | 000767-58-8 | 87   |
| 4         | Benzene, (2-methyl-2-propenyl)- | 132    | C10H12                 | 003290-53-7 | 86   |
| 5         | Benzene, 1-ethenyl-4-ethyl-     | 132    | C10H12                 | 003454-07-7 | 86   |

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 Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T.      | EstConc                        | Area   | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------------|--------|------------------------|-------------|------|
| 12.98     | 20.79 ug/l                     | 380849 | 1,4-Dichlorobenzene-d4 | 12.09       |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm                | CAS#        | Qual |
| 1         | Benzene, 1,2,3,4-tetramethyl-  | 134    | C10H14                 | 000488-23-3 | 97   |
| 2         | Benzene, 1,2,4,5-tetramethyl-  | 134    | C10H14                 | 000095-93-2 | 96   |
| 3         | o-Cymene                       | 134    | C10H14                 | 000527-84-4 | 95   |
| 4         | Benzene, 1,2,3,5-tetramethyl-  | 134    | C10H14                 | 000527-53-7 | 94   |
| 5         | Benzene, 1-ethyl-2,4-dimethyl- | 134    | C10H14                 | 000874-41-9 | 93   |

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 Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

| R.T.    | EstConc    | Area         | Relative to ISTD       |         |      | R.T.  |
|---------|------------|--------------|------------------------|---------|------|-------|
| 13.35   | 45.59 ug/l | 835288       | 1,4-Dichlorobenzene-d4 |         |      | 12.09 |
| Hit# of | 5          | Tentative ID | MW                     | MolForm | CAS# | Qual  |

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Operator : JC/MD  
Sample : J3394-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
W-41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260

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

|   |                                     |     |        |             |    |
|---|-------------------------------------|-----|--------|-------------|----|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |
| 2 | o-Cymene                            | 134 | C10H14 | 000527-84-4 | 60 |
| 3 | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14 | 000095-93-2 | 53 |
| 4 | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14 | 000488-23-3 | 53 |
| 5 | p-Cymene                            | 134 | C10H14 | 000099-87-6 | 53 |

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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.  |
|-------|------------|--------|------------------------|-------|
| 14.54 | 18.61 ug/l | 340901 | 1,4-Dichlorobenzene-d4 | 12.09 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 95   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 70   |
| 4    |    |   | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 68   |
| 5    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 64   |

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Peak Number 9 Naphthalene, 1-methyl-... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.85 | 23.85 ug/l | 437026 | 1,4-Dichlorobenzene-d4 | 12.09 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 83   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX060918\  
Data File : VX002430.D  
Acq On : 09 Jun 2018 19:16  
Operator : JC/MD  
Sample : J3394-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
W-41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.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 |
| Butane               | 1.40  | 19.3    | ug/l  | 240970   | 1                     | 5.67  | 622954 | 50.0 |
| Cyclopropane, 1,2... | 2.27  | 43.7    | ug/l  | 544602   | 1                     | 5.67  | 622954 | 50.0 |
| Cyclopentene         | 2.81  | 18.3    | ug/l  | 228310   | 1                     | 5.67  | 622954 | 50.0 |
| Benzene, 4-ethyl...  | 12.67 | 19.1    | ug/l  | 349907   | 4                     | 12.09 | 916113 | 50.0 |
| Benzene, 1-etheny... | 12.76 | 17.6    | ug/l  | 322939   | 4                     | 12.09 | 916113 | 50.0 |
| Benzene, 1,2,3,4...  | 12.98 | 20.8    | ug/l  | 380849   | 4                     | 12.09 | 916113 | 50.0 |
| Benzene, 1-methyl... | 13.35 | 45.6    | ug/l  | 835288   | 4                     | 12.09 | 916113 | 50.0 |
| Naphthalene, 1,2...  | 14.54 | 18.6    | ug/l  | 340901   | 4                     | 12.09 | 916113 | 50.0 |
| Naphthalene, 1-me... | 14.85 | 23.9    | ug/l  | 437026   | 4                     | 12.09 | 916113 | 50.0 |