

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
 Data File : VX017055.D  
 Acq On : 30 Jun 2020 19:04  
 Operator : JC/SP  
 Sample : L3152-01 100X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 40680

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\82X062920W.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         | 1.477       | 58            | 64          | 70           | rBV      | 28519          | 38989         | 2.25%           | 0.367%        |
| 2         | 2.416       | 211           | 218         | 233          | rBV      | 1065969        | 1735110       | 100.00%         | 16.336%       |
| 3         | 2.831       | 279           | 286         | 297          | rVB2     | 11689          | 24425         | 1.41%           | 0.230%        |
| 4         | 3.014       | 307           | 316         | 331          | rBV      | 22123          | 52407         | 3.02%           | 0.493%        |
| 5         | 3.916       | 453           | 464         | 478          | rBV      | 67736          | 179313        | 10.33%          | 1.688%        |
| 6         | 4.647       | 573           | 584         | 593          | rBV3     | 7838           | 26151         | 1.51%           | 0.246%        |
| 7         | 5.464       | 706           | 718         | 731          | rBV      | 151995         | 434503        | 25.04%          | 4.091%        |
| 8         | 5.629       | 733           | 745         | 759          | rVB      | 238596         | 668574        | 38.53%          | 6.295%        |
| 9         | 5.909       | 781           | 791         | 801          | rBV2     | 24547          | 68856         | 3.97%           | 0.648%        |
| 10        | 6.031       | 802           | 811         | 821          | rBV      | 158614         | 413629        | 23.84%          | 3.894%        |
| 11        | 6.830       | 932           | 942         | 957          | rBV      | 387625         | 907751        | 52.32%          | 8.547%        |
| 12        | 8.696       | 1241          | 1248        | 1254         | rBV      | 821011         | 1252251       | 72.17%          | 11.790%       |
| 13        | 8.763       | 1254          | 1259        | 1266         | rVB      | 132953         | 211449        | 12.19%          | 1.991%        |
| 14        | 10.098      | 1471          | 1478        | 1488         | rBV      | 882746         | 1178794       | 67.94%          | 11.099%       |
| 15        | 11.122      | 1640          | 1646        | 1660         | rBV      | 772849         | 959600        | 55.30%          | 9.035%        |
| 16        | 12.061      | 1795          | 1800        | 1807         | rVB      | 1024300        | 1250302       | 72.06%          | 11.772%       |
| 17        | 12.140      | 1808          | 1813        | 1826         | rVB4     | 35337          | 54676         | 3.15%           | 0.515%        |
| 18        | 12.256      | 1826          | 1832        | 1849         | rBV      | 508756         | 758665        | 43.72%          | 7.143%        |
| 19        | 12.622      | 1888          | 1892        | 1903         | rBV2     | 32717          | 54020         | 3.11%           | 0.509%        |
| 20        | 13.140      | 1974          | 1977        | 1986         | rVB2     | 16784          | 27243         | 1.57%           | 0.256%        |
| 21        | 13.463      | 2024          | 2030        | 2040         | rBV      | 83398          | 148121        | 8.54%           | 1.395%        |
| 22        | 13.548      | 2040          | 2044        | 2050         | rVB4     | 15124          | 25492         | 1.47%           | 0.240%        |
| 23        | 13.945      | 2104          | 2109        | 2116         | rVB5     | 11443          | 25288         | 1.46%           | 0.238%        |
| 24        | 14.231      | 2151          | 2156        | 2172         | rBV2     | 54994          | 125583        | 7.24%           | 1.182%        |

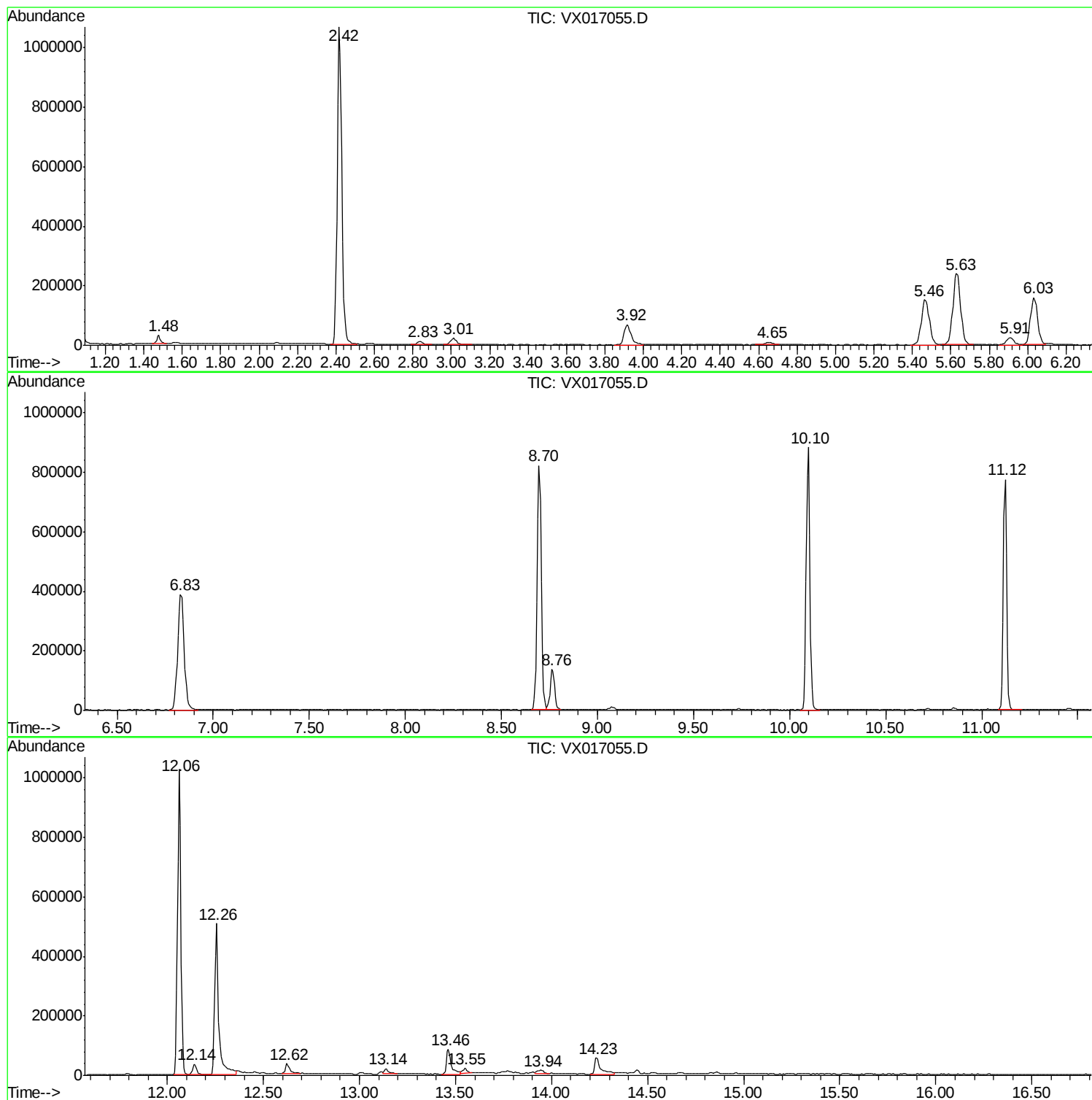
Sum of corrected areas: 10621192

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260

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



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 Peak Number 1 1-Propanol Concentration Rank 2

| R.T.    | EstConc                          | Area         | Relative to ISTD   | R.T.           |
|---------|----------------------------------|--------------|--------------------|----------------|
| 3.92    | 13.41 ug/l                       | 179313       | Pentafluorobenzene | 5.64           |
| Hit# of | 5                                | Tentative ID | MW MolForm         | CAS# Qual      |
| 1       | 1-Propanol                       | 60           | C3H8O              | 000071-23-8 59 |
| 2       | 2-Fluoropropene                  | 60           | C3H5F              | 001184-60-7 52 |
| 3       | Allyl fluoride                   | 60           | C3H5F              | 000818-92-8 38 |
| 4       | Cyclopropane                     | 42           | C3H6               | 000075-19-4 35 |
| 5       | Methanamine, N-hydroxy-N-methyl- | 61           | C2H7NO             | 005725-96-2 12 |

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 Peak Number 2 1,3-Dioxolane, 2-methyl- Concentration Rank 4

| R.T.    | EstConc                           | Area         | Relative to ISTD   | R.T.           |
|---------|-----------------------------------|--------------|--------------------|----------------|
| 5.91    | 5.15 ug/l                         | 68856        | Pentafluorobenzene | 5.64           |
| Hit# of | 5                                 | Tentative ID | MW MolForm         | CAS# Qual      |
| 1       | 1,3-Dioxolane, 2-methyl-          | 88           | C4H8O2             | 000497-26-7 83 |
| 2       | Pentane, 3-methoxy-               | 102          | C6H14O             | 036839-67-5 25 |
| 3       | 1-Cyclohexyl-3-ethoxy-butan-2-one | 198          | C12H22O2           | 074897-69-1 25 |
| 4       | 2-(3-Bromopropyl)-[1,3]dioxolane  | 194          | C6H11BrO2          | 062563-07-9 25 |
| 5       | 1-Pentanamine                     | 87           | C5H13N             | 000110-58-7 9  |

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 Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.    | EstConc                       | Area         | Relative to ISTD       | R.T.           |
|---------|-------------------------------|--------------|------------------------|----------------|
| 12.26   | 30.34 ug/l                    | 758665       | 1,4-Dichlorobenzene-d4 | 12.06          |
| Hit# of | 5                             | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | 1-Hexanol, 2-ethyl-           | 130          | C8H18O                 | 000104-76-7 78 |
| 2       | 1-Pentanol, 2-ethyl-4-methyl- | 130          | C8H18O                 | 000106-67-2 56 |
| 3       | Octane, 3,5-dimethyl-         | 142          | C10H22                 | 015869-93-9 53 |
| 4       | 2-Propyl-1-pentanol           | 130          | C8H18O                 | 058175-57-8 50 |
| 5       | Heptane, 1,1'-oxybis-         | 214          | C14H30O                | 000629-64-1 50 |

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 Peak Number 4 Cycloheptane Concentration Rank 3

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

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|           |                                     |        |                        |             |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 13.46     | 5.92 ug/l                           | 148121 | 1,4-Dichlorobenzene-d4 | 12.06       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Cycloheptane                        | 98     | C7H14                  | 000291-64-5 | 91   |
| 2         | 1-Nonanol                           | 144    | C9H20O                 | 000143-08-8 | 91   |
| 3         | Cyclopropane, 1-methyl-2-octyl-     | 168    | C12H24                 | 037617-26-8 | 80   |
| 4         | 1-Heptene                           | 98     | C7H14                  | 000592-76-7 | 55   |
| 5         | Cyclopentane, 1,2-dimethyl-, trans- | 98     | C7H14                  | 000822-50-4 | 49   |

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Peak Number 5 Cyclodecane Concentration Rank 5

| R.T.      | EstConc       | Area   | Relative to ISTD       | R.T.        |      |
|-----------|---------------|--------|------------------------|-------------|------|
| 14.23     | 5.02 ug/l     | 125583 | 1,4-Dichlorobenzene-d4 | 12.06       |      |
| Hit# of 5 | Tentative ID  | MW     | MolForm                | CAS#        | Qual |
| 1         | Cyclodecane   | 140    | C10H20                 | 000293-96-9 | 95   |
| 2         | 1-Decanol     | 158    | C10H22O                | 000112-30-1 | 87   |
| 3         | 1-Undecene    | 154    | C11H22                 | 000821-95-4 | 80   |
| 4         | 1-Dodecanol   | 186    | C12H26O                | 000112-53-8 | 68   |
| 5         | Cyclododecane | 168    | C12H24                 | 000294-62-2 | 64   |

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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| 1-Propanol           | 3.92  | 13.4    | ug/l  | 179313   | 1                       | 5.64  | 668574  | 50.0 |
| 1,3-Dioxolane, 2-... | 5.91  | 5.2     | ug/l  | 68856    | 1                       | 5.64  | 668574  | 50.0 |
| 1-Hexanol, 2-ethyl-  | 12.26 | 30.3    | ug/l  | 758665   | 4                       | 12.06 | 1250300 | 50.0 |
| Cycloheptane         | 13.46 | 5.9     | ug/l  | 148121   | 4                       | 12.06 | 1250300 | 50.0 |
| Cyclodecane          | 14.23 | 5.0     | ug/l  | 125583   | 4                       | 12.06 | 1250300 | 50.0 |