

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\  
 Data File : VX018825.D  
 Acq On : 07 Oct 2020 21:05  
 Operator : JC/SP  
 Sample : L4290-03  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JLWT6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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\SOMXTR100220WMA.M

Title : TRACE VOA SOM01.0

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         | 1.386       | 46            | 49          | 54           | rBV      | 48973          | 46758         | 8.50%           | 1.071%        |
| 2         | 1.697       | 95            | 100         | 109          | rVB      | 49036          | 58336         | 10.61%          | 1.336%        |
| 3         | 2.343       | 199           | 206         | 216          | rBV      | 99711          | 158312        | 28.79%          | 3.626%        |
| 4         | 2.843       | 281           | 288         | 289          | rBV5     | 3239           | 5633          | 1.02%           | 0.129%        |
| 5         | 2.861       | 289           | 291         | 298          | rVB7     | 4233           | 8571          | 1.56%           | 0.196%        |
| 6         | 3.148       | 327           | 338         | 343          | rBV8     | 7873           | 18550         | 3.37%           | 0.425%        |
| 7         | 3.495       | 386           | 395         | 406          | rBV3     | 16031          | 39766         | 7.23%           | 0.911%        |
| 8         | 4.562       | 556           | 570         | 587          | rBV2     | 45692          | 211916        | 38.54%          | 4.854%        |
| 9         | 5.141       | 654           | 665         | 678          | rVB      | 71128          | 224198        | 40.77%          | 5.136%        |
| 10        | 6.044       | 799           | 813         | 827          | rBV3     | 165058         | 488309        | 88.79%          | 11.185%       |
| 11        | 6.830       | 929           | 942         | 953          | rBV2     | 148165         | 362838        | 65.98%          | 8.311%        |
| 12        | 7.367       | 1021          | 1030        | 1040         | rBV      | 107150         | 236718        | 43.05%          | 5.422%        |
| 13        | 8.373       | 1189          | 1195        | 1203         | rBV      | 65154          | 109370        | 19.89%          | 2.505%        |
| 14        | 8.531       | 1215          | 1221        | 1229         | rBV      | 22393          | 40656         | 7.39%           | 0.931%        |
| 15        | 8.696       | 1239          | 1248        | 1256         | rBV      | 239231         | 383176        | 69.68%          | 8.777%        |
| 16        | 8.994       | 1291          | 1297        | 1305         | rVB      | 48196          | 71437         | 12.99%          | 1.636%        |
| 17        | 9.427       | 1361          | 1368        | 1379         | rBV      | 374808         | 549930        | 100.00%         | 12.597%       |
| 18        | 10.092      | 1471          | 1477        | 1493         | rVB      | 296603         | 424032        | 77.11%          | 9.713%        |
| 19        | 11.232      | 1657          | 1664        | 1670         | rBV      | 119395         | 155647        | 28.30%          | 3.565%        |
| 20        | 12.061      | 1794          | 1800        | 1807         | rBV      | 300656         | 374088        | 68.02%          | 8.569%        |
| 21        | 12.256      | 1826          | 1832        | 1837         | rBV2     | 17552          | 25194         | 4.58%           | 0.577%        |
| 22        | 12.360      | 1843          | 1849        | 1857         | rVB      | 289182         | 363013        | 66.01%          | 8.315%        |
| 23        | 13.890      | 2094          | 2100        | 2106         | rBV7     | 5350           | 9180          | 1.67%           | 0.210%        |

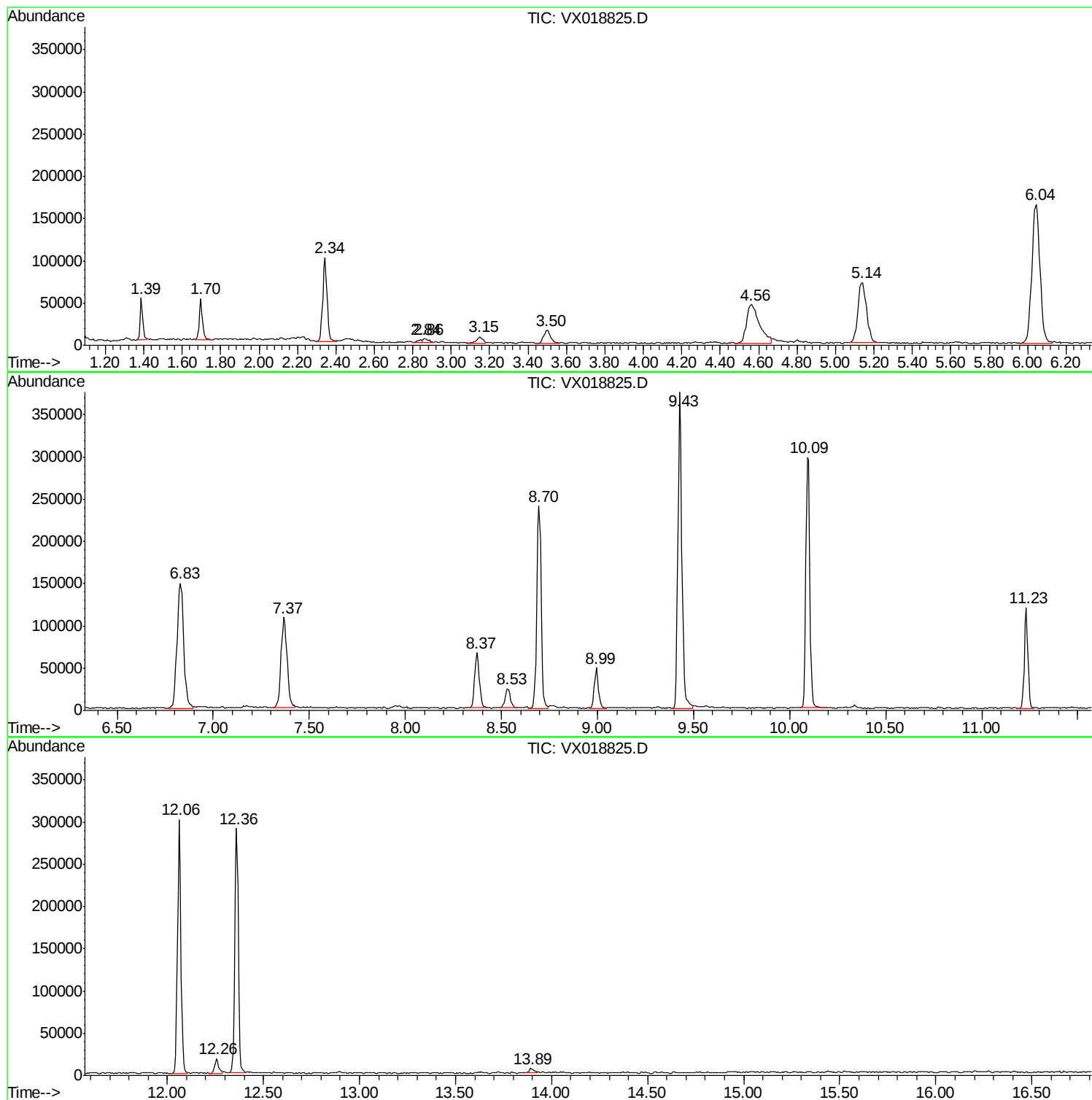
Sum of corrected areas: 4365628

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Instrument :  
MSVOA\_X  
ClientSampleId :  
JLWT6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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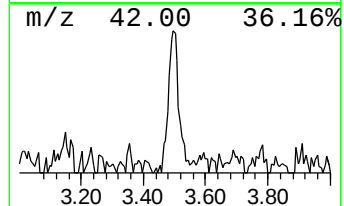
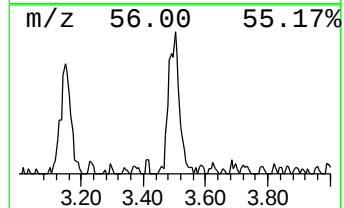
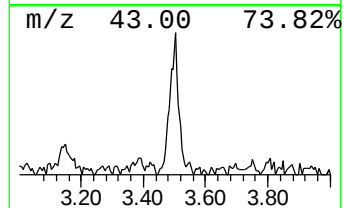
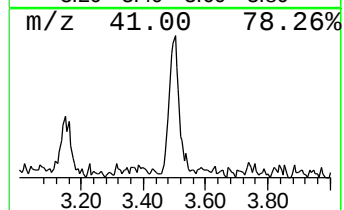
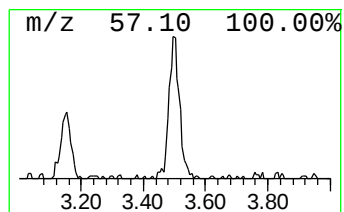
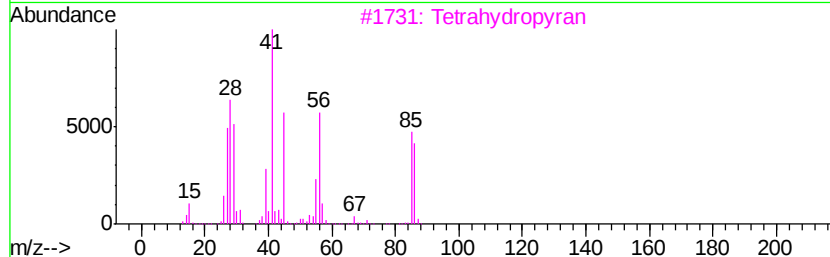
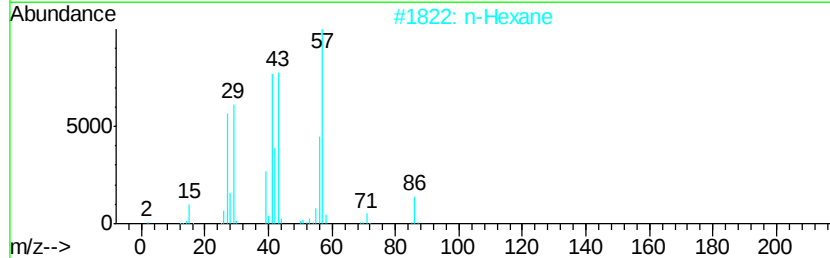
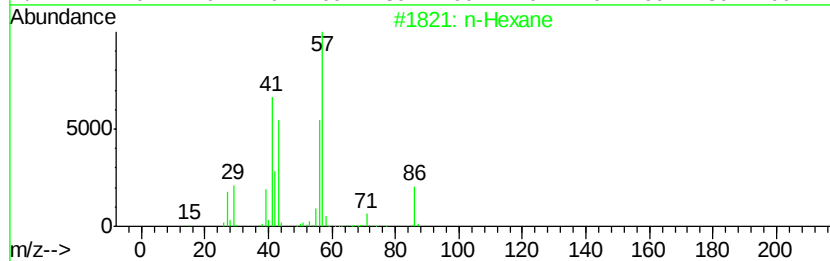
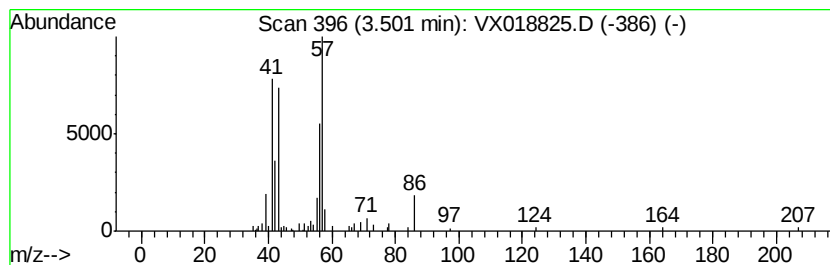
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc         | Area  | Relative to ISTD    | R.T.        |      |
|-----------|-----------------|-------|---------------------|-------------|------|
| 3.50      | 0.55 ug/L       | 39766 | 1,4-Difluorobenzene | 6.83        |      |
| Hit# of 5 | Tentative ID    | MW    | MolForm             | CAS#        | Qual |
| 1         | n-Hexane        | 86    | C6H14               | 000110-54-3 | 64   |
| 2         | n-Hexane        | 86    | C6H14               | 000110-54-3 | 45   |
| 3         | Tetrahydropyran | 86    | C5H10O              | 000142-68-7 | 38   |
| 4         | n-Hexane        | 86    | C6H14               | 000110-54-3 | 38   |
| 5         | Tetrahydropyran | 86    | C5H10O              | 000142-68-7 | 38   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 3.50 | 0.6     | ug/L  | 39766    | 1                     | 6.83 | 362838 | 5.0  |