

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\  
 Data File : VV014437.D  
 Acq On : 30 Jan 2020 15:40  
 Operator : SY/MD  
 Sample : L1322-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0XR9

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\_V\METHOD\SOMVTR012920WMA.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         | 1.229       | 37            | 43          | 48           | rBV2     | 8829           | 8299          | 1.07%           | 0.134%        |
| 2         | 1.319       | 63            | 71          | 83           | rVB      | 106716         | 108498        | 13.97%          | 1.751%        |
| 3         | 1.586       | 147           | 154         | 163          | rBV      | 67769          | 74274         | 9.56%           | 1.198%        |
| 4         | 2.132       | 313           | 324         | 335          | rBV      | 136502         | 194235        | 25.01%          | 3.134%        |
| 5         | 3.946       | 877           | 888         | 925          | rBV2     | 67324          | 248228        | 31.96%          | 4.005%        |
| 6         | 4.399       | 1010          | 1029        | 1053         | rBV2     | 116014         | 319207        | 41.10%          | 5.151%        |
| 7         | 5.094       | 1228          | 1245        | 1269         | rBV2     | 318468         | 776605        | 100.00%         | 12.531%       |
| 8         | 5.663       | 1406          | 1422        | 1446         | rBV      | 248387         | 504131        | 64.91%          | 8.134%        |
| 9         | 6.116       | 1548          | 1563        | 1583         | rBV      | 177289         | 359395        | 46.28%          | 5.799%        |
| 10        | 7.026       | 1831          | 1846        | 1866         | rBV      | 101116         | 183298        | 23.60%          | 2.958%        |
| 11        | 7.357       | 1936          | 1949        | 1971         | rBV      | 398489         | 700092        | 90.15%          | 11.296%       |
| 12        | 7.659       | 2033          | 2043        | 2058         | rBV      | 60290          | 106583        | 13.72%          | 1.720%        |
| 13        | 8.135       | 2180          | 2191        | 2221         | rBV      | 321973         | 676654        | 87.13%          | 10.918%       |
| 14        | 8.891       | 2414          | 2426        | 2447         | rBV      | 364976         | 594437        | 76.54%          | 9.591%        |
| 15        | 10.254      | 2839          | 2850        | 2865         | rBV      | 122664         | 194539        | 25.05%          | 3.139%        |
| 16        | 10.418      | 2892          | 2901        | 2914         | rVB2     | 9238           | 15204         | 1.96%           | 0.245%        |
| 17        | 11.289      | 3159          | 3172        | 3192         | rBV      | 362584         | 573565        | 73.86%          | 9.255%        |
| 18        | 11.579      | 3251          | 3262        | 3274         | rBV6     | 5624           | 12285         | 1.58%           | 0.198%        |
| 19        | 11.666      | 3277          | 3289        | 3303         | rVV      | 346003         | 548030        | 70.57%          | 8.843%        |

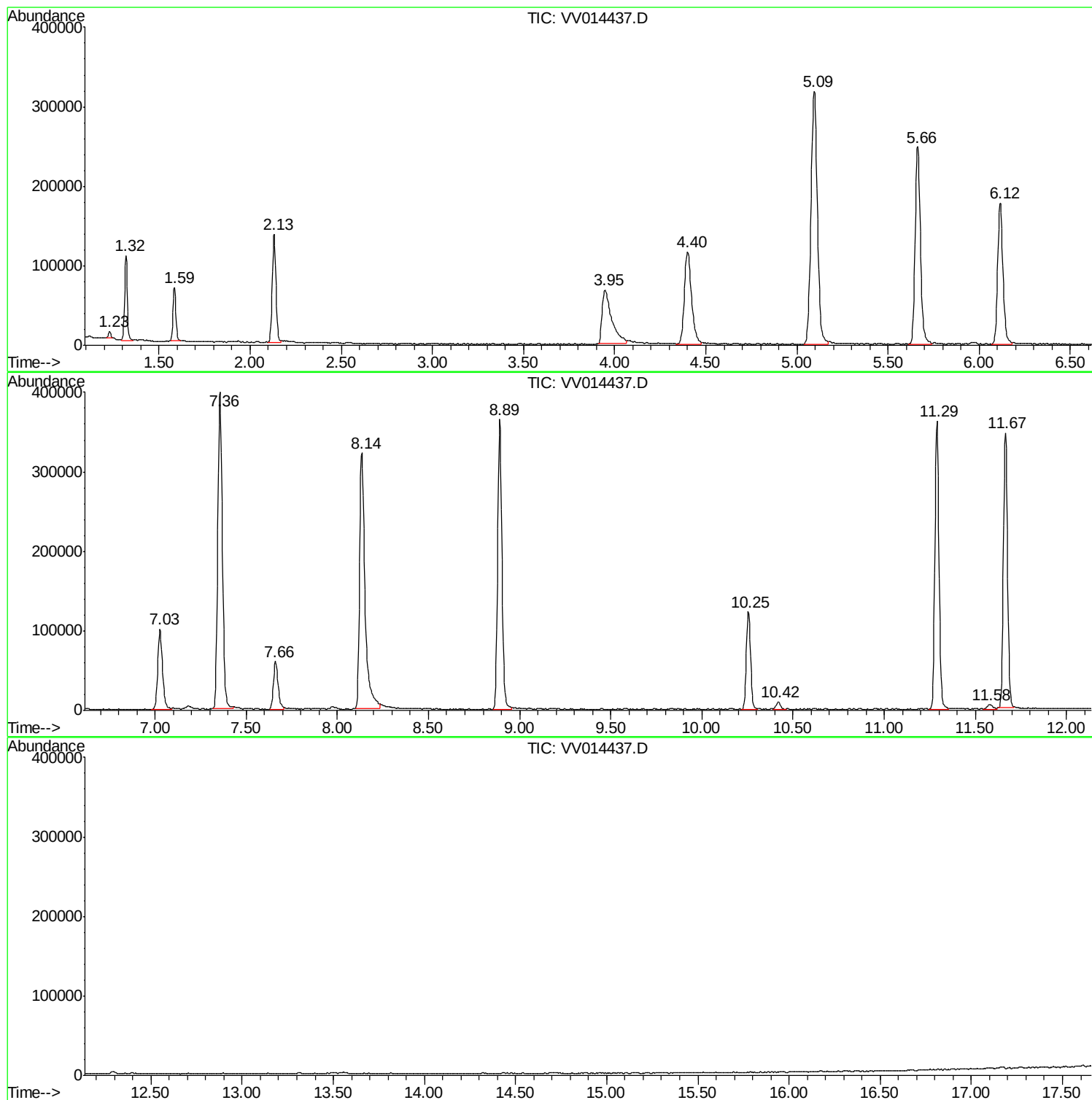
Sum of corrected areas: 6197559

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR012920WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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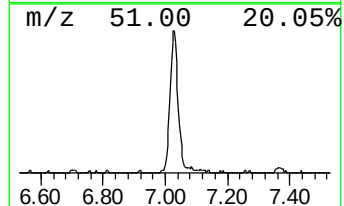
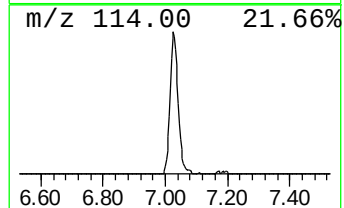
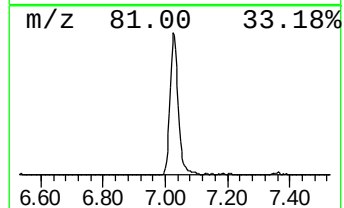
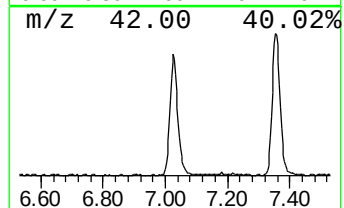
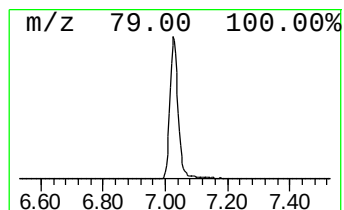
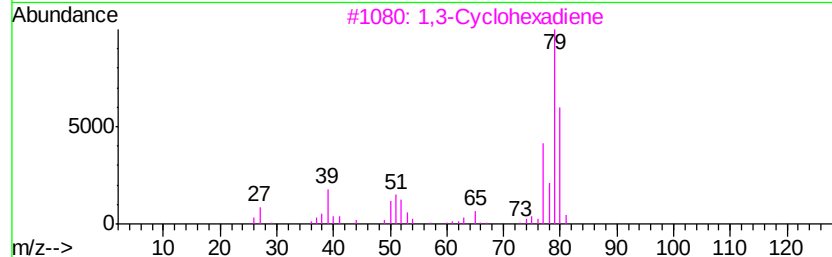
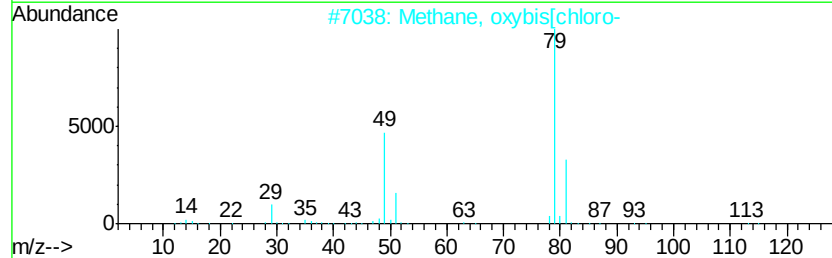
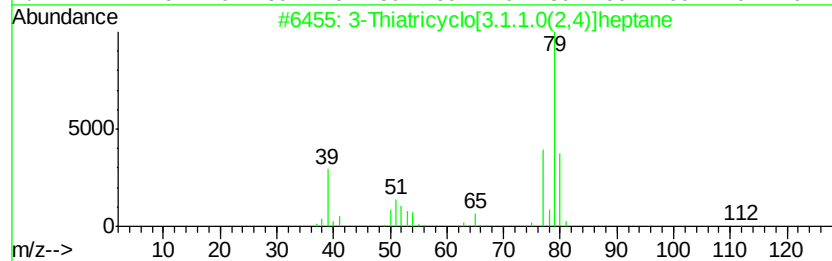
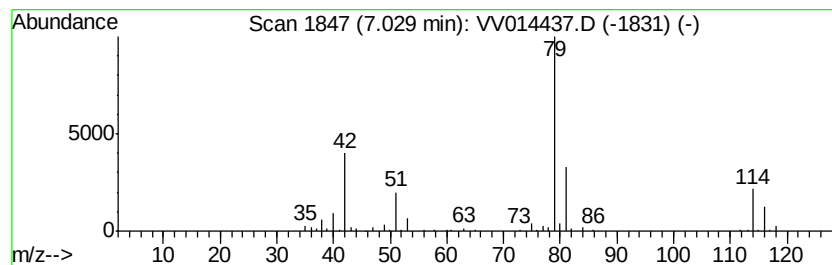
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR012920WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 7.03 | 1.82 ug/L | 183298 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 3-Thiatricyclo[3.1.1.0(2,4)]heptane | 112 | C6H8S    | 1000221-37-0 | 37   |
| 2    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 37   |
| 3    |    |   | 1,3-Cyclohexadiene                  | 80  | C6H8     | 000592-57-4  | 37   |
| 4    |    |   | Thiophosgene                        | 114 | CCl2S    | 000463-71-8  | 25   |
| 5    |    |   | 2-Propanol, 1,3-dichloro-           | 128 | C3H6Cl2O | 000096-23-1  | 23   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 7.03 | 1.8     | ug/L  | 183298   | 1                     | 5.66 | 504131 | 5.0  |