

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111219\  
 Data File : VV013585.D  
 Acq On : 12 Nov 2019 12:58  
 Operator : SY/MD  
 Sample : K5718-08  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

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\SOMVTR110819WMA.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         | 1.312       | 64            | 69          | 80           | rVB      | 125605         | 128756        | 10.18%          | 1.286%        |
| 2         | 1.579       | 145           | 152         | 163          | rVB      | 121156         | 138094        | 10.92%          | 1.379%        |
| 3         | 2.123       | 313           | 321         | 332          | rVB      | 187473         | 258437        | 20.43%          | 2.581%        |
| 4         | 2.534       | 439           | 449         | 456          | rBV      | 17659          | 26631         | 2.11%           | 0.266%        |
| 5         | 3.962       | 878           | 893         | 942          | rBV2     | 115622         | 575079        | 45.46%          | 5.743%        |
| 6         | 4.396       | 1009          | 1028        | 1051         | rBV      | 221079         | 599211        | 47.37%          | 5.984%        |
| 7         | 5.090       | 1227          | 1244        | 1271         | rBV2     | 446257         | 1088709       | 86.07%          | 10.872%       |
| 8         | 5.659       | 1408          | 1421        | 1441         | rBV      | 433929         | 868058        | 68.63%          | 8.669%        |
| 9         | 6.113       | 1546          | 1562        | 1581         | rBV      | 285833         | 583810        | 46.15%          | 5.830%        |
| 10        | 7.026       | 1835          | 1846        | 1865         | rBV2     | 123952         | 230520        | 18.22%          | 2.302%        |
| 11        | 7.357       | 1935          | 1949        | 1967         | rBV      | 404466         | 726119        | 57.41%          | 7.251%        |
| 12        | 7.659       | 2033          | 2043        | 2057         | rBV      | 79281          | 141446        | 11.18%          | 1.413%        |
| 13        | 8.132       | 2178          | 2190        | 2214         | rBV      | 642167         | 1264905       | 100.00%         | 12.632%       |
| 14        | 8.463       | 2283          | 2293        | 2298         | rBV8     | 10879          | 19525         | 1.54%           | 0.195%        |
| 15        | 8.891       | 2413          | 2426        | 2447         | rBV      | 662662         | 1075978       | 85.06%          | 10.745%       |
| 16        | 10.257      | 2839          | 2851        | 2865         | rBV      | 245410         | 393383        | 31.10%          | 3.929%        |
| 17        | 11.289      | 3160          | 3172        | 3194         | rVB      | 608239         | 939883        | 74.30%          | 9.386%        |
| 18        | 11.666      | 3277          | 3289        | 3306         | rBV      | 527336         | 844005        | 66.72%          | 8.429%        |
| 19        | 17.144      | 4985          | 4993        | 5007         | rBV      | 70242          | 110999        | 8.78%           | 1.108%        |

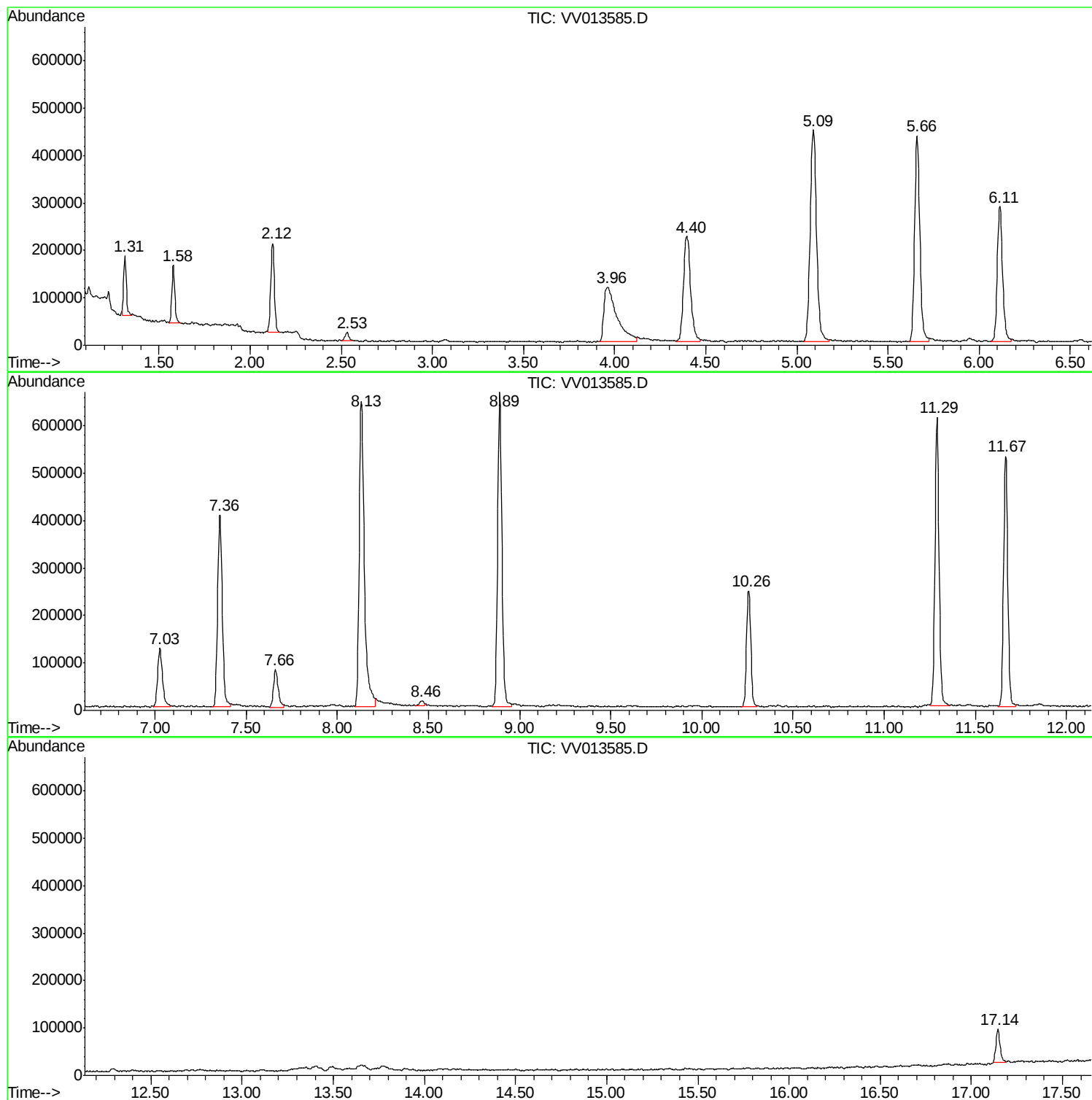
Sum of corrected areas: 10013548

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Instrument :  
MSVOA\_V  
ClientSampled :  
VHBLK01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR110819WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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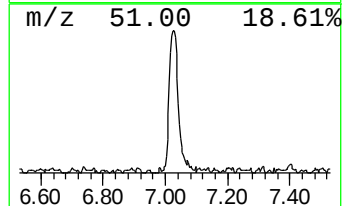
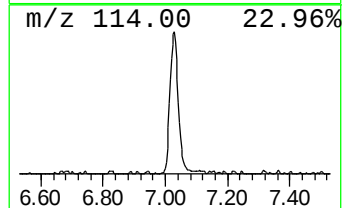
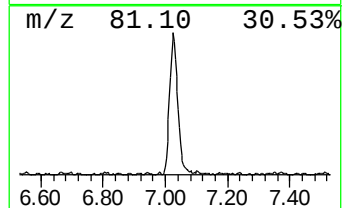
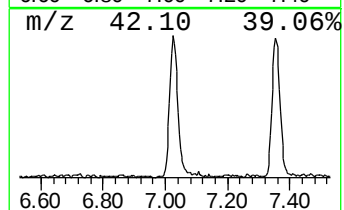
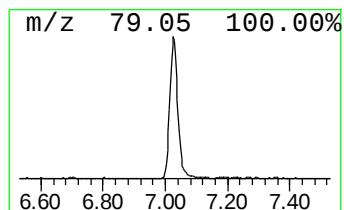
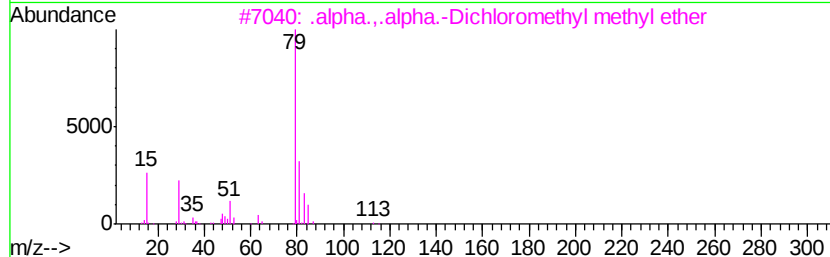
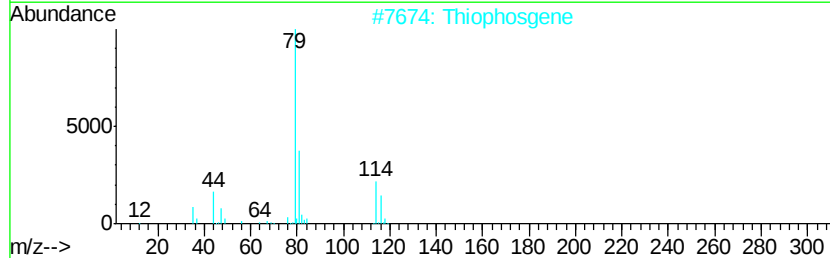
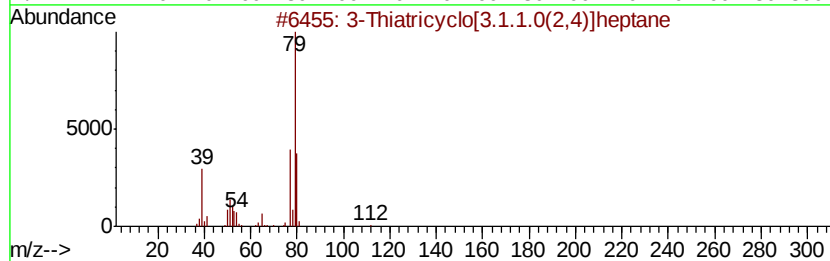
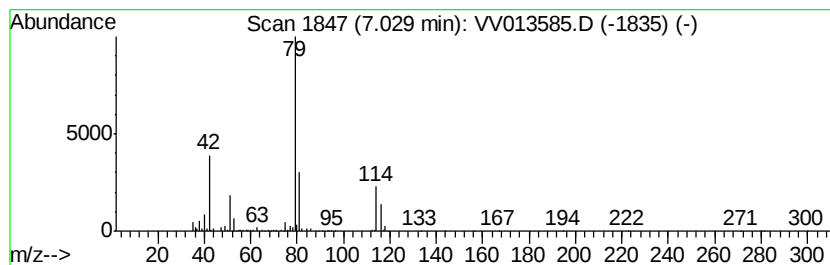
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR110819WMA.M  
Quant Title : TRACE VOA SOM01.0

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 | 1.33 ug/L | 230520 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 3-Thiatricyclo[3.1.1.0(2,4)]heptane | 112 | C6H8S    | 1000221-37-0 | 38   |
| 2    |    | Thiophosgene                        | 114 | CCl2S    | 000463-71-8  | 38   |
| 3    |    | .alpha.,.alpha.-Dichloromethyl m... | 114 | C2H4Cl2O | 004885-02-3  | 37   |
| 4    |    | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 25   |
| 5    |    | 1,3-Cyclohexadiene                  | 80  | C6H8     | 000592-57-4  | 23   |



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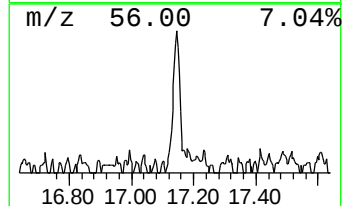
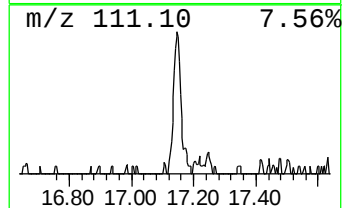
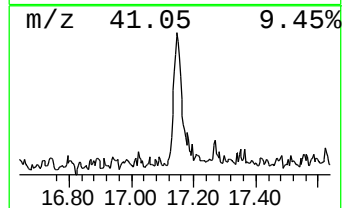
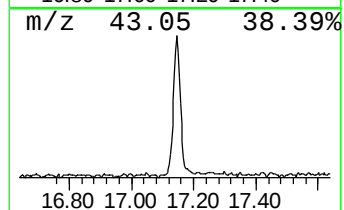
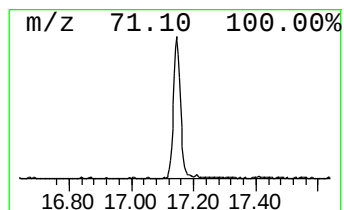
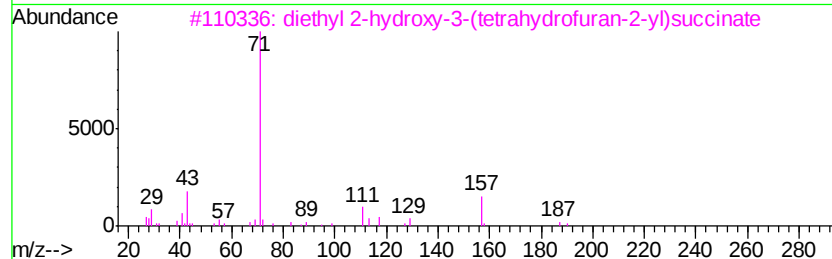
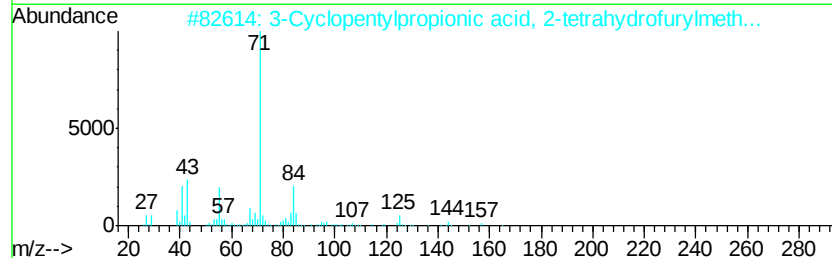
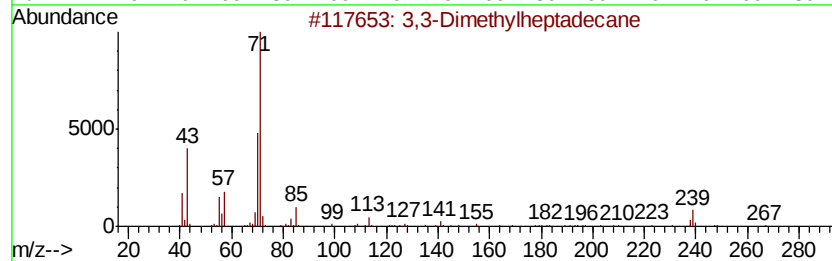
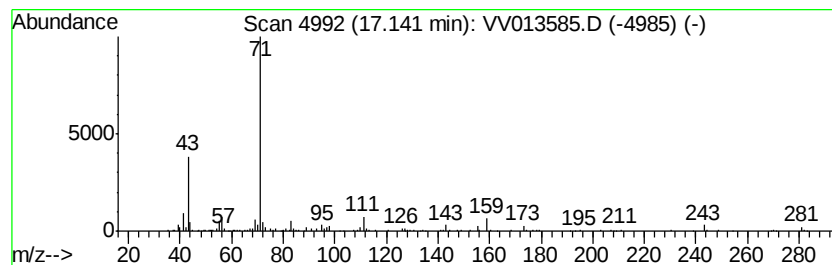
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 17.14 | 0.59 ug/L | 110999 | 1,4-Dichlorobenzene-d4 | 11.29 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 3,3-Dimethylheptadecane             | 268 | C19H40   | 1000360-43-3 | 59   |
| 2    |    | 3-Cyclopentylpropionic acid, 2-t... | 226 | C13H22O3 | 1000293-46-9 | 59   |
| 3    |    | diethyl 2-hydroxy-3-(tetrahydrof... | 260 | C12H20O6 | 1000365-67-1 | 59   |
| 4    |    | 4-Hexen-3-ol, 2-methyl-             | 114 | C7H14O   | 004798-60-1  | 53   |
| 5    |    | 2,6-Octadiene-4,5-diol              | 142 | C8H14O2  | 004486-59-3  | 53   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01           | 7.03  | 1.3     | ug/L  | 230520   | 1                     | 5.66  | 868058 | 5.0  |
| (DEL) Alkane: Str... | 17.14 | 0.6     | ug/L  | 110999   | 3                     | 11.29 | 939883 | 5.0  |