

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038568.D  
 Acq On : 05 Jun 2020 13:26  
 Operator : SY/MD  
 Sample : L2860-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D55

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\_U\METHOD\SOMUTR053120WMA.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         | 1.369       | 3             | 9           | 15           | rBV      | 19438          | 18859         | 1.43%           | 0.206%        |
| 2         | 1.613       | 73            | 85          | 93           | rBV      | 107181         | 132210        | 10.01%          | 1.442%        |
| 3         | 1.932       | 177           | 184         | 201          | rVB      | 89098          | 118837        | 8.99%           | 1.296%        |
| 4         | 2.594       | 378           | 390         | 403          | rBV      | 182731         | 303953        | 23.01%          | 3.315%        |
| 5         | 2.674       | 403           | 415         | 439          | rVB2     | 15574          | 44894         | 3.40%           | 0.490%        |
| 6         | 2.858       | 450           | 472         | 473          | rBV3     | 7450           | 17937         | 1.36%           | 0.196%        |
| 7         | 4.674       | 1020          | 1037        | 1079         | rBV      | 177362         | 528971        | 40.04%          | 5.770%        |
| 8         | 4.848       | 1079          | 1091        | 1106         | rVB2     | 35993          | 81594         | 6.18%           | 0.890%        |
| 9         | 5.102       | 1152          | 1170        | 1190         | rBV      | 181086         | 398078        | 30.13%          | 4.342%        |
| 10        | 5.423       | 1254          | 1270        | 1289         | rBV3     | 39649          | 90801         | 6.87%           | 0.990%        |
| 11        | 5.761       | 1352          | 1375        | 1392         | rBV2     | 349846         | 931056        | 70.47%          | 10.155%       |
| 12        | 6.279       | 1522          | 1536        | 1558         | rBV      | 352163         | 682978        | 51.69%          | 7.449%        |
| 13        | 6.722       | 1659          | 1674        | 1693         | rBV      | 223406         | 430966        | 32.62%          | 4.701%        |
| 14        | 7.591       | 1927          | 1944        | 1959         | rBV      | 106906         | 188284        | 14.25%          | 2.054%        |
| 15        | 7.922       | 2032          | 2047        | 2064         | rBV      | 415855         | 729712        | 55.23%          | 7.959%        |
| 16        | 8.201       | 2120          | 2134        | 2151         | rBV      | 71634          | 119610        | 9.05%           | 1.305%        |
| 17        | 8.655       | 2261          | 2275        | 2309         | rBV      | 714089         | 1321194       | 100.00%         | 14.411%       |
| 18        | 9.436       | 2504          | 2518        | 2538         | rBV      | 515948         | 870991        | 65.92%          | 9.500%        |
| 19        | 10.771      | 2921          | 2933        | 2952         | rBV      | 190669         | 310820        | 23.53%          | 3.390%        |
| 20        | 11.822      | 3247          | 3260        | 3275         | rBV      | 535167         | 862677        | 65.30%          | 9.410%        |
| 21        | 12.079      | 3329          | 3340        | 3357         | rBV2     | 22447          | 46358         | 3.51%           | 0.506%        |
| 22        | 12.205      | 3365          | 3379        | 3394         | rVB      | 462683         | 745503        | 56.43%          | 8.131%        |
| 23        | 17.388      | 4980          | 4991        | 5005         | rBV      | 102079         | 191844        | 14.52%          | 2.093%        |

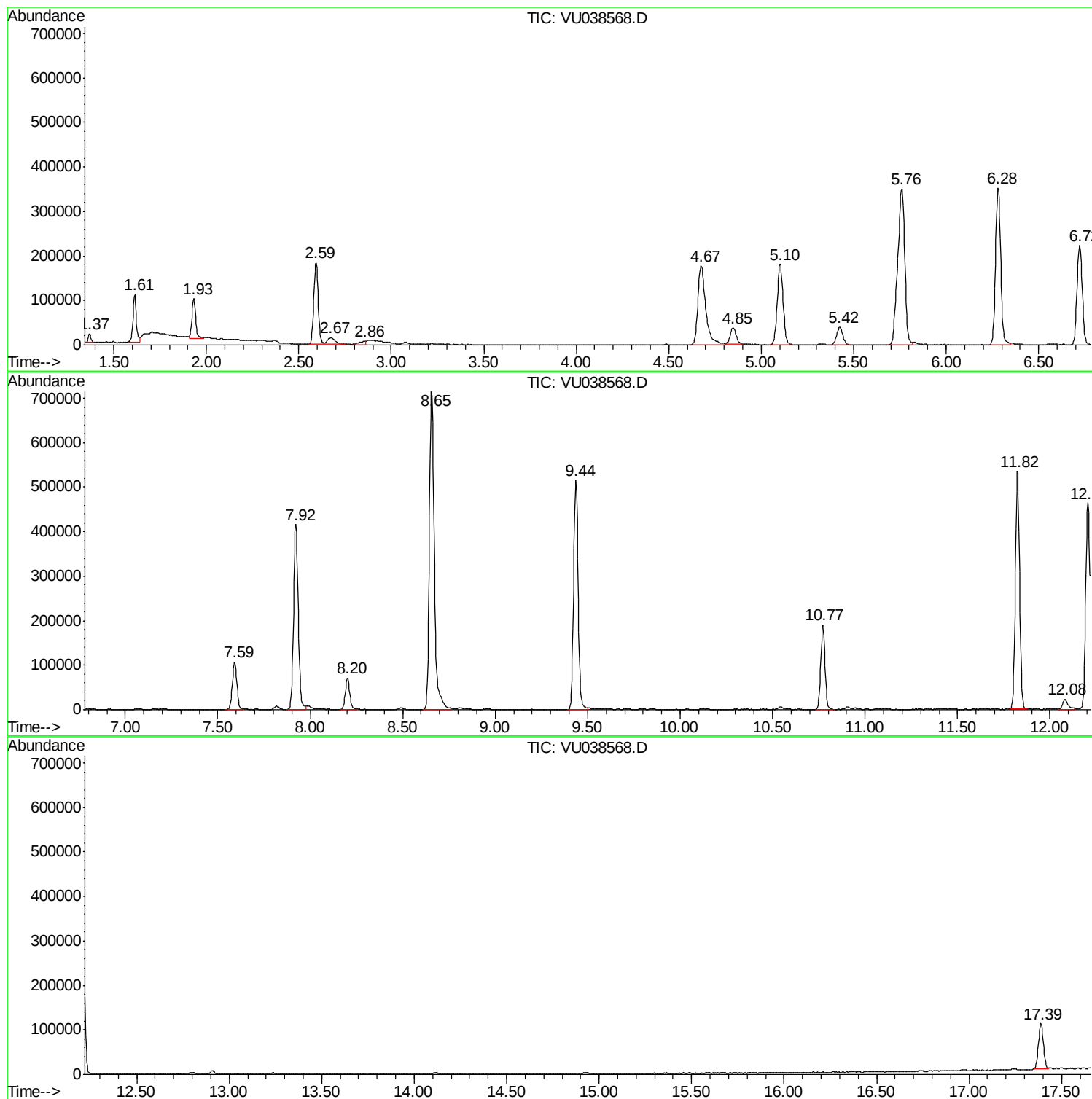
Sum of corrected areas: 9168127

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Instrument :  
MSVOA\_U  
ClientSampleId :  
F9D55

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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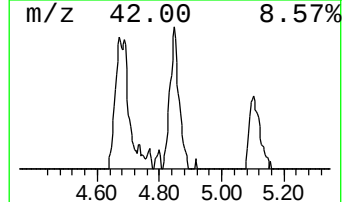
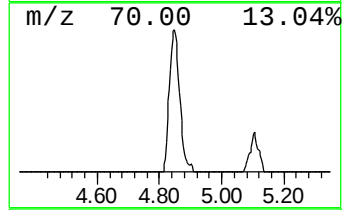
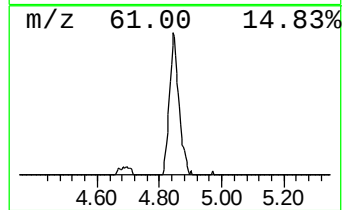
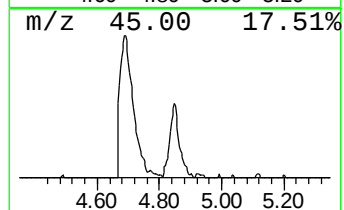
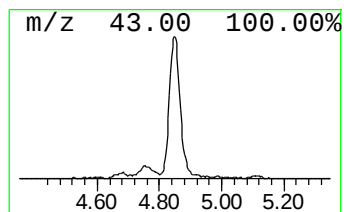
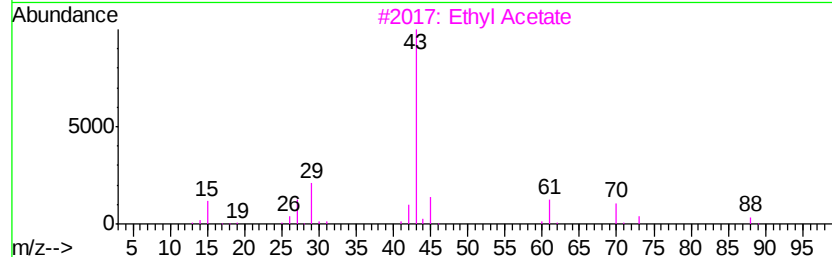
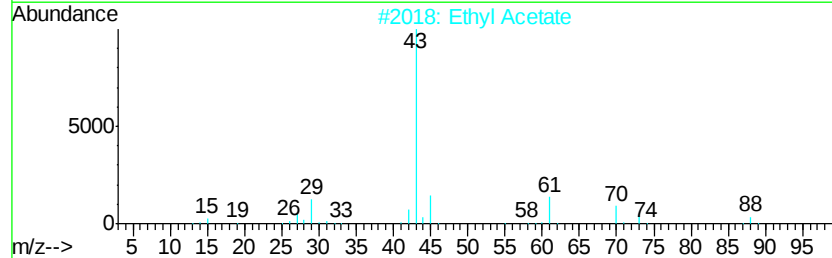
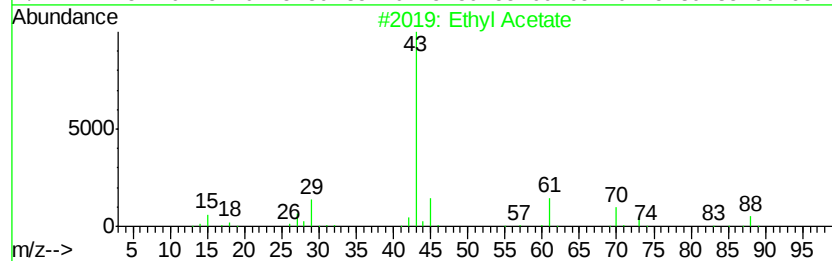
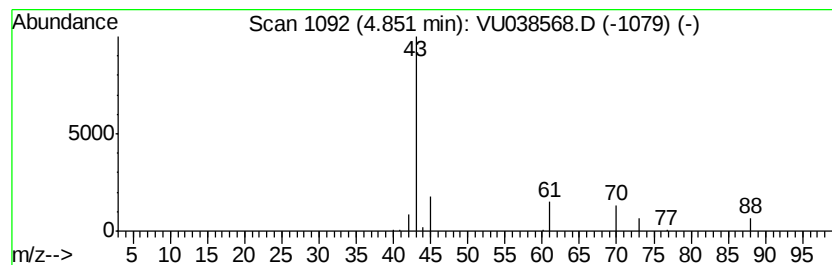
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethyl Acetate Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.85 | 0.60 ug/L | 81594 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 83   |
| 4    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 78   |
| 5    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 78   |



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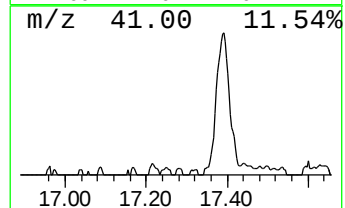
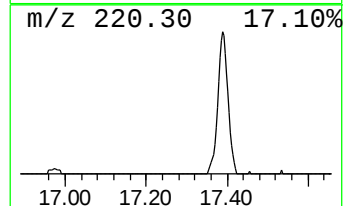
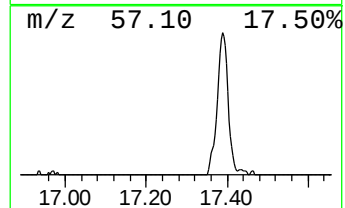
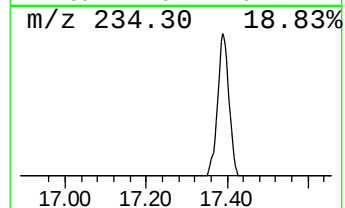
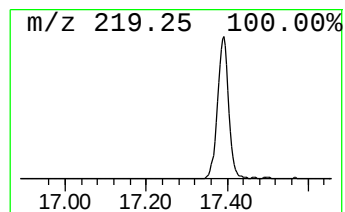
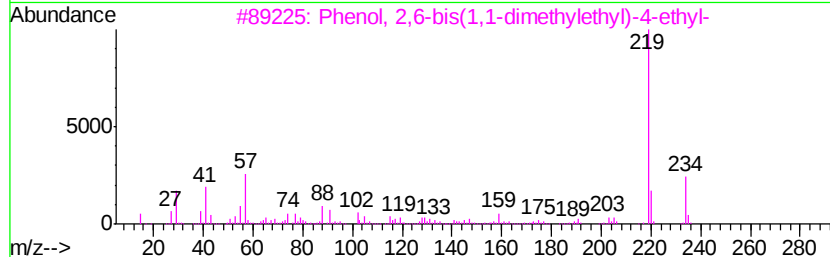
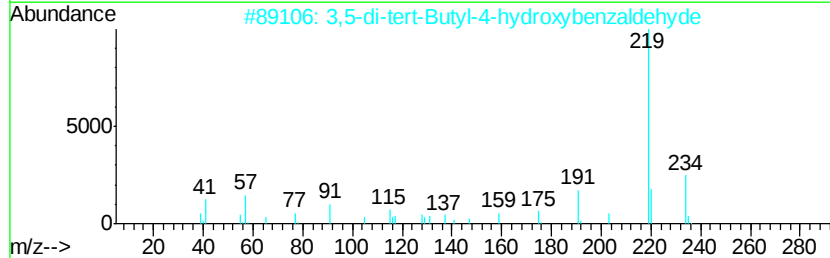
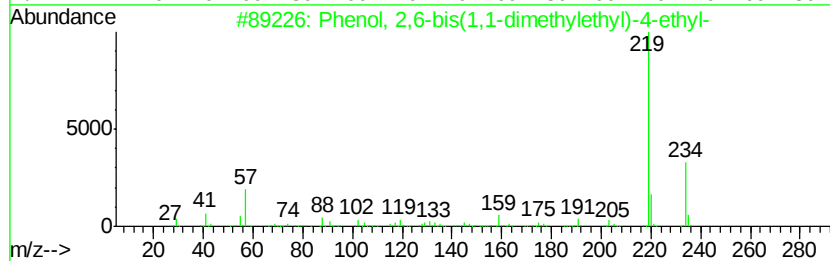
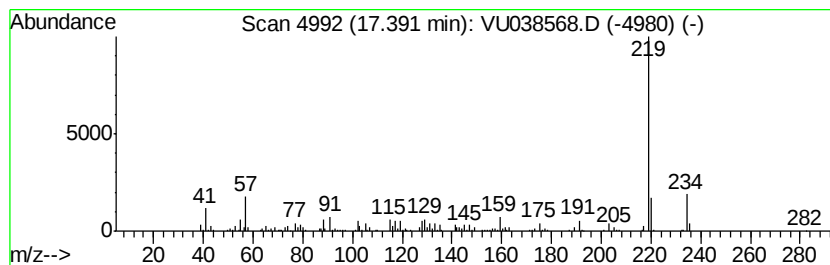
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Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 17.39 | 1.11 ug/L | 191844 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 97   |
| 2    |    |   | 3,5-di-tert-Butyl-4-hydroxybenza...   | 234 | C15H22O2 | 001620-98-0 | 94   |
| 3    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 94   |
| 4    |    |   | 3,5-di-tert-Butyl-4-hydroxybenza...   | 234 | C15H22O2 | 001620-98-0 | 93   |
| 5    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 93   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate        | 4.85  | 0.6     | ug/L  | 81594    | 1                     | 6.28  | 682978 | 5.0  |
| Phenol, 2,6-bis(1... | 17.39 | 1.1     | ug/L  | 191844   | 3                     | 11.83 | 862677 | 5.0  |