

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100621\  
 Data File : VV022627.D  
 Acq On : 06 Oct 2021 17:25  
 Operator : SY/MD  
 Sample : M4051-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AT6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV022627.D\data.ms

| 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         | 1.304       | 76            | 82          | 94           | rVB      | 24077          | 24285         | 6.64%           | 0.952%        |
| 2         | 1.564       | 156           | 163         | 177          | rVB      | 36556          | 42161         | 11.53%          | 1.653%        |
| 3         | 2.105       | 322           | 331         | 347          | rVB      | 55881          | 80275         | 21.95%          | 3.147%        |
| 4         | 3.899       | 878           | 889         | 914          | rBV2     | 27581          | 96597         | 26.41%          | 3.787%        |
| 5         | 4.352       | 1014          | 1030        | 1056         | rVB      | 52981          | 137394        | 37.56%          | 5.386%        |
| 6         | 5.050       | 1230          | 1247        | 1270         | rBV2     | 113353         | 286117        | 78.22%          | 11.216%       |
| 7         | 5.619       | 1412          | 1424        | 1448         | rBV      | 108433         | 220686        | 60.33%          | 8.651%        |
| 8         | 5.915       | 1506          | 1516        | 1529         | rVB6     | 4231           | 10013         | 2.74%           | 0.393%        |
| 9         | 6.072       | 1551          | 1565        | 1587         | rBV      | 71485          | 147494        | 40.32%          | 5.782%        |
| 10        | 6.989       | 1840          | 1850        | 1866         | rBV2     | 23521          | 44686         | 12.22%          | 1.752%        |
| 11        | 7.320       | 1940          | 1953        | 1971         | rBV      | 114046         | 203152        | 55.54%          | 7.964%        |
| 12        | 7.400       | 1971          | 1978        | 1994         | rVB3     | 3728           | 8278          | 2.26%           | 0.325%        |
| 13        | 7.628       | 2040          | 2049        | 2067         | rBV2     | 13952          | 25837         | 7.06%           | 1.013%        |
| 14        | 8.095       | 2183          | 2194        | 2242         | rBV2     | 147175         | 365770        | 100.00%         | 14.339%       |
| 15        | 8.853       | 2416          | 2430        | 2454         | rBV      | 165827         | 279344        | 76.37%          | 10.951%       |
| 16        | 10.220      | 2843          | 2855        | 2871         | rBV      | 58855          | 94007         | 25.70%          | 3.685%        |
| 17        | 11.249      | 3165          | 3175        | 3194         | rBV      | 159133         | 247333        | 67.62%          | 9.696%        |
| 18        | 11.625      | 3281          | 3292        | 3313         | rBV      | 132203         | 210591        | 57.57%          | 8.256%        |
| 19        | 16.561      | 4818          | 4827        | 4840         | rBV      | 17716          | 26842         | 7.34%           | 1.052%        |

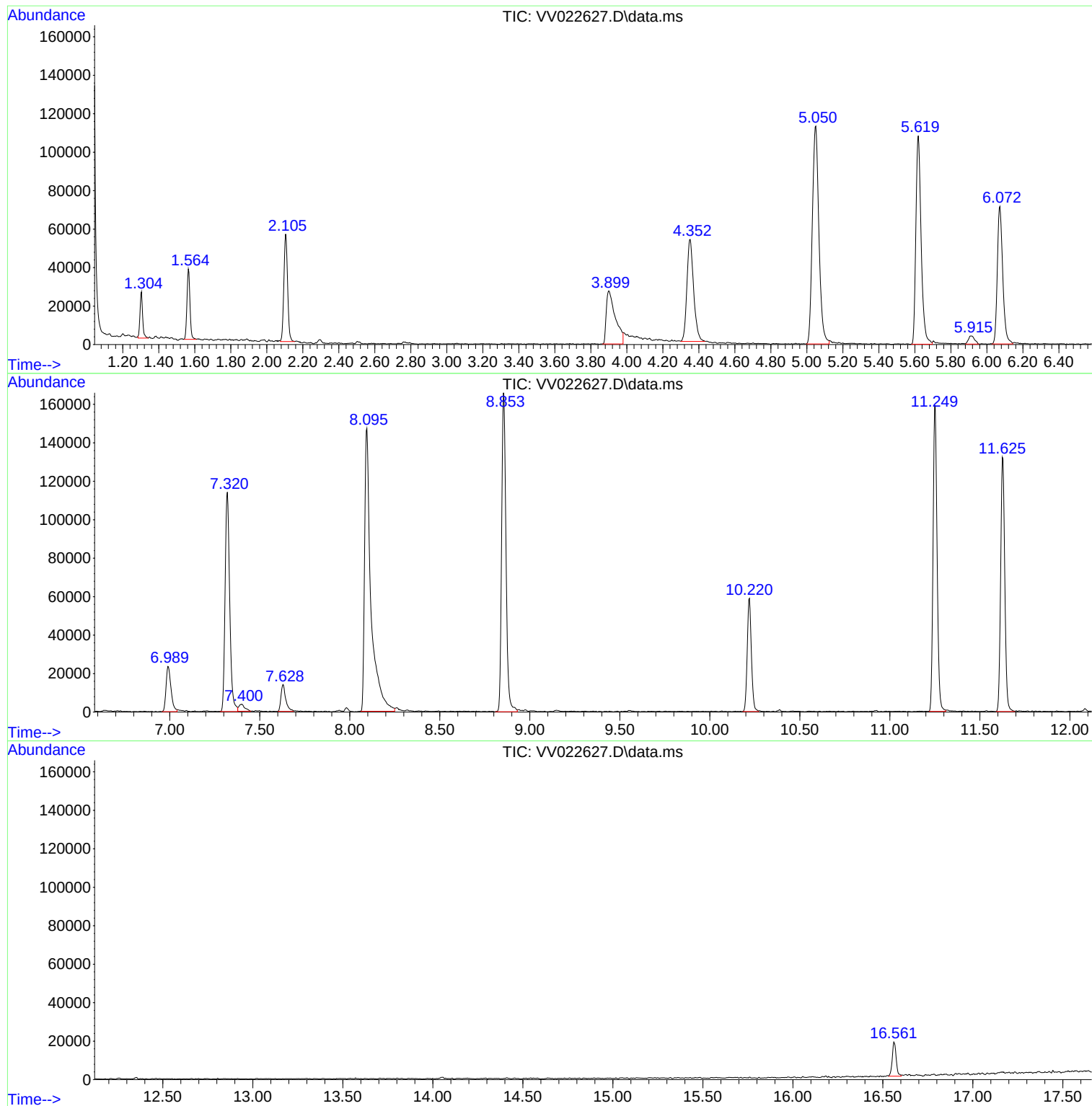
Sum of corrected areas: 2550862

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Instrument :  
MSVOA\_V  
ClientSampled :  
C0AT6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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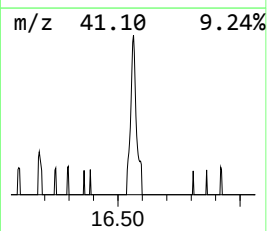
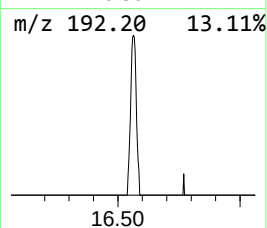
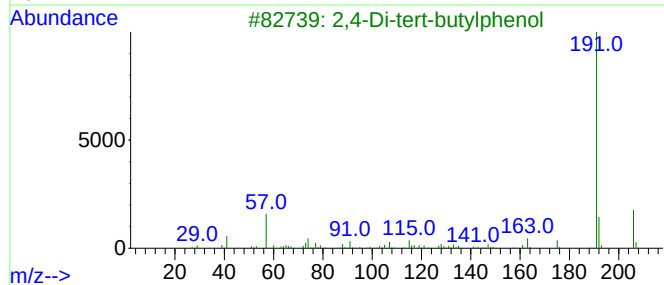
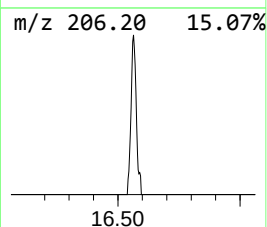
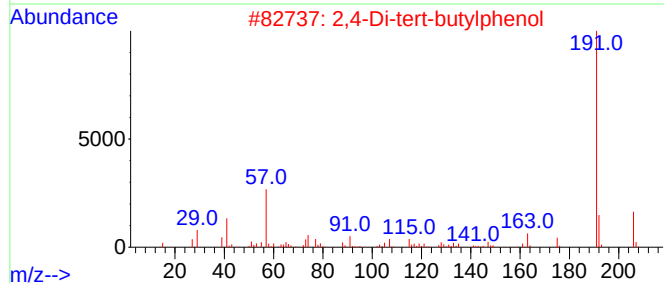
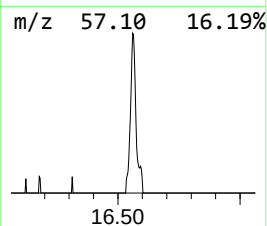
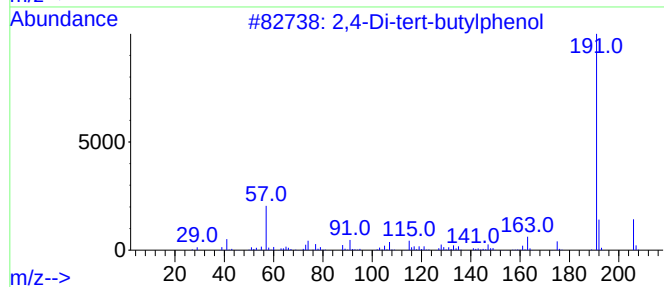
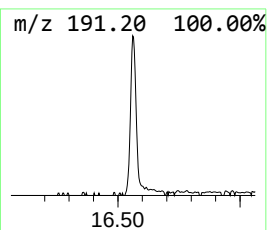
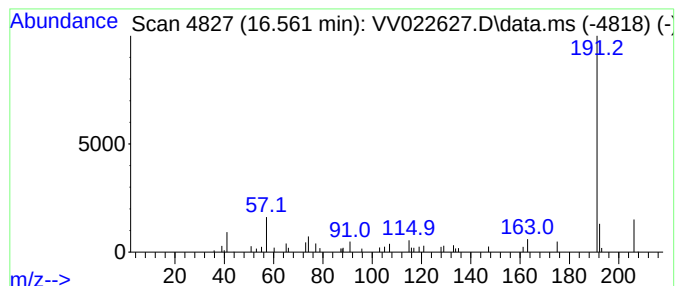
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2,4-Di-tert-butylphenol Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.561 | 0.54 ug/L | 26842 | 1,4-Dichlorobenzene-d4 | 11.252 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,4-Di-tert-butylphenol             | 206 | C14H22O | 000096-76-4 | 94   |
| 2    |    |   | 2,4-Di-tert-butylphenol             | 206 | C14H22O | 000096-76-4 | 94   |
| 3    |    |   | 2,4-Di-tert-butylphenol             | 206 | C14H22O | 000096-76-4 | 93   |
| 4    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 90   |
| 5    |    |   | 2,4-Di-tert-butylphenol             | 206 | C14H22O | 000096-76-4 | 87   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2,4-Di-tert-but... | 16.561 | 0.5     | ug/L  | 26842    | 3                     | 11.252 | 247333 | 5.0  |