

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062824\  
 Data File : VU059596.D  
 Acq On : 28 Jun 2024 05:04  
 Operator : MD/SY  
 Sample : P3007-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 JMR5

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\_U\Method\SFAMUTR061724WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU059596.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         | 1.596       | 84            | 95          | 110          | rVB      | 52483          | 70011         | 9.80%           | 1.465%        |
| 2         | 1.908       | 184           | 192         | 211          | rVB      | 53656          | 75232         | 10.53%          | 1.574%        |
| 3         | 2.560       | 384           | 395         | 411          | rBV      | 93365          | 152323        | 21.32%          | 3.187%        |
| 4         | 3.039       | 534           | 544         | 553          | rBV4     | 4042           | 7353          | 1.03%           | 0.154%        |
| 5         | 4.621       | 1025          | 1036        | 1076         | rBV      | 61922          | 180678        | 25.29%          | 3.781%        |
| 6         | 5.052       | 1154          | 1170        | 1194         | rBV      | 99542          | 220767        | 30.91%          | 4.620%        |
| 7         | 5.718       | 1357          | 1377        | 1400         | rBV2     | 190053         | 496250        | 69.47%          | 10.384%       |
| 8         | 6.242       | 1528          | 1540        | 1566         | rBV      | 163351         | 314968        | 44.09%          | 6.591%        |
| 9         | 6.682       | 1664          | 1677        | 1702         | rVB      | 120808         | 237356        | 33.23%          | 4.967%        |
| 10        | 7.560       | 1940          | 1950        | 1967         | rBV2     | 44414          | 78710         | 11.02%          | 1.647%        |
| 11        | 7.891       | 2040          | 2053        | 2070         | rBV      | 218697         | 387633        | 54.27%          | 8.111%        |
| 12        | 7.965       | 2073          | 2076        | 2093         | rVB2     | 5046           | 8100          | 1.13%           | 0.169%        |
| 13        | 8.174       | 2128          | 2141        | 2159         | rBV2     | 26656          | 47042         | 6.59%           | 0.984%        |
| 14        | 8.547       | 2244          | 2257        | 2272         | rBV      | 419797         | 714310        | 100.00%         | 14.947%       |
| 15        | 8.628       | 2272          | 2282        | 2319         | rVB      | 222846         | 449431        | 62.92%          | 9.404%        |
| 16        | 9.412       | 2512          | 2526        | 2555         | rBV      | 250790         | 421494        | 59.01%          | 8.820%        |
| 17        | 10.750      | 2931          | 2942        | 2962         | rBV      | 97805          | 159143        | 22.28%          | 3.330%        |
| 18        | 11.807      | 3260          | 3271        | 3291         | rVV      | 220501         | 361988        | 50.68%          | 7.575%        |
| 19        | 12.187      | 3377          | 3389        | 3410         | rBV      | 209930         | 346901        | 48.56%          | 7.259%        |
| 20        | 16.759      | 4799          | 4811        | 4822         | rBV      | 7760           | 11619         | 1.63%           | 0.243%        |
| 21        | 16.878      | 4841          | 4848        | 4857         | rBV2     | 26162          | 37672         | 5.27%           | 0.788%        |

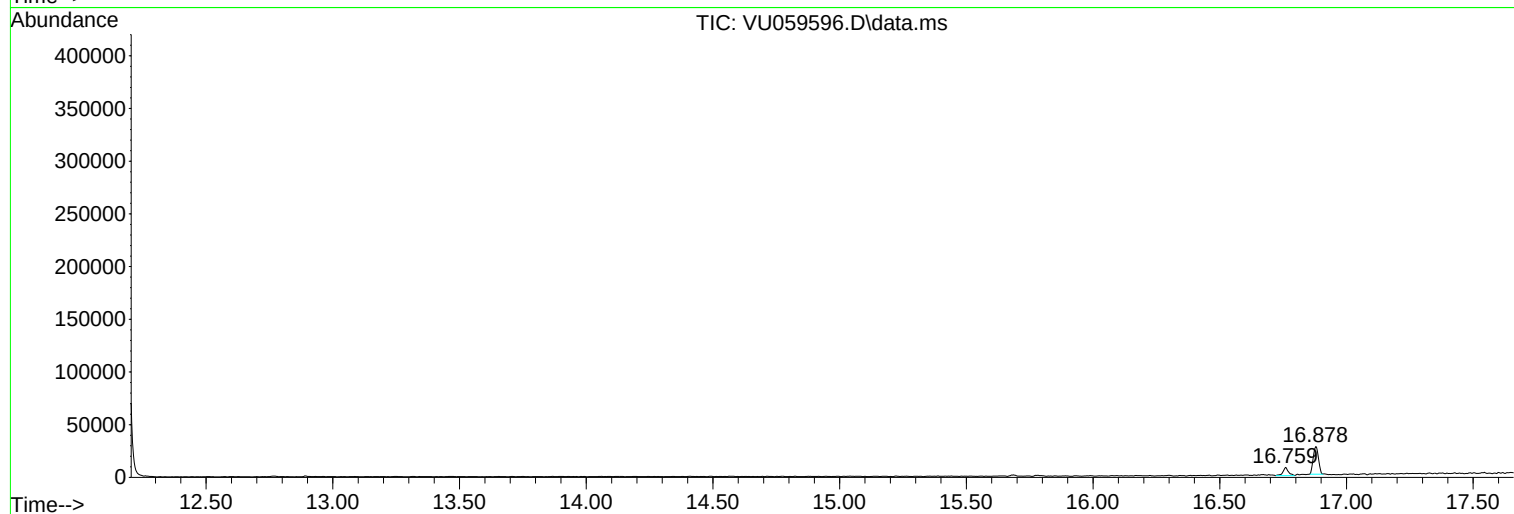
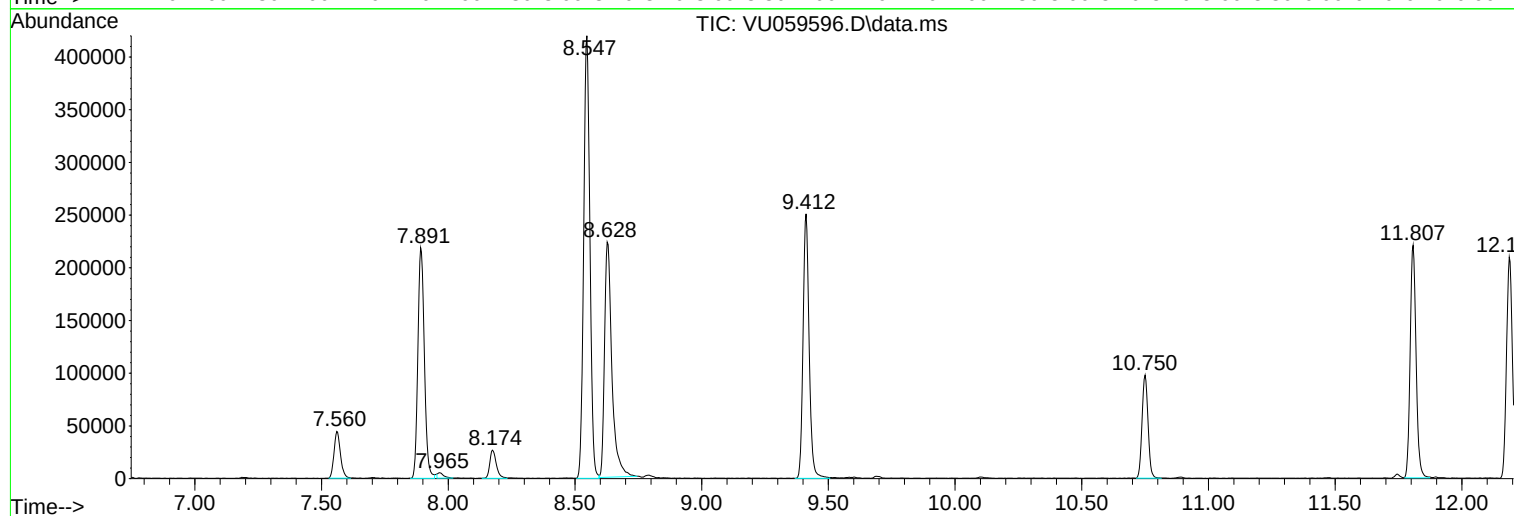
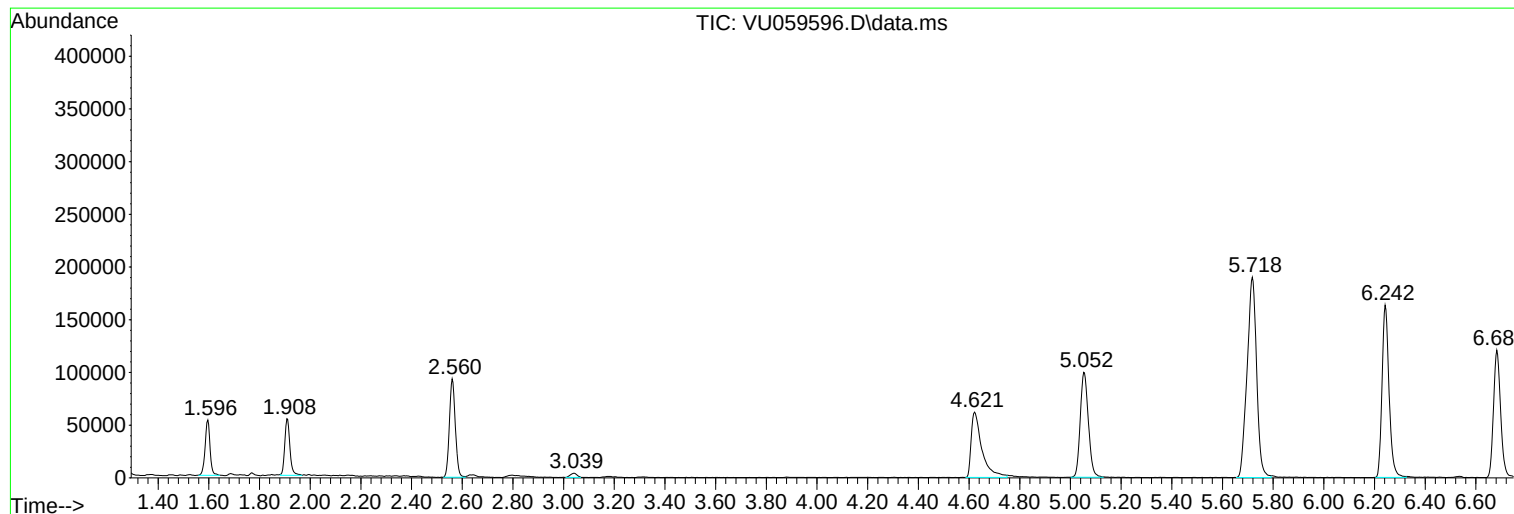
Sum of corrected areas: 4778981

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Instrument :  
MSVOA\_U  
ClientSampleId :  
JMRF5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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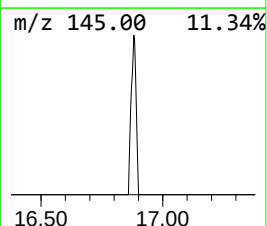
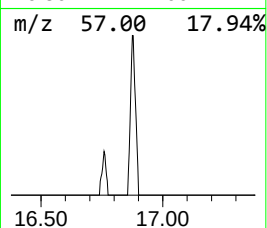
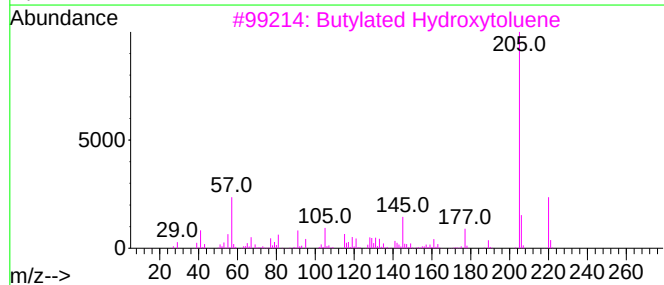
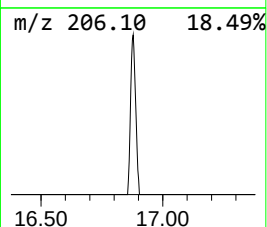
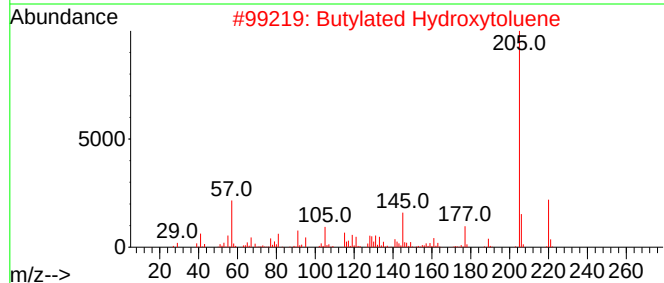
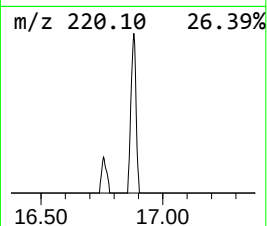
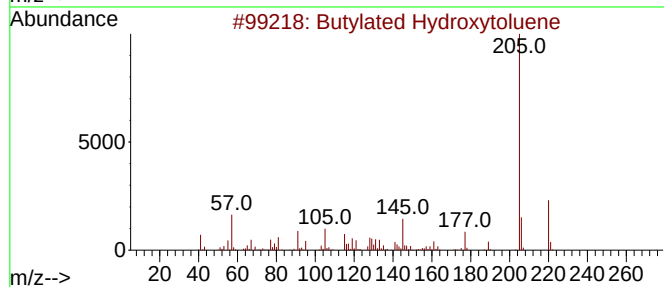
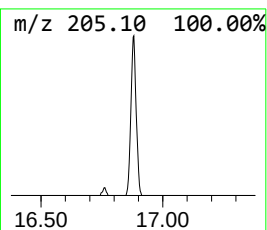
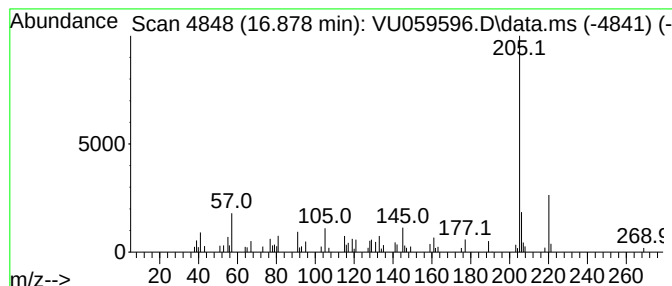
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Butylated Hydroxytoluene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.878 | 0.52 ug/L | 37672 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------|-----|----------|--------------|------|
| 1    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 94   |
| 2    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 93   |
| 3    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 93   |
| 4    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 91   |
| 5    |    |   | Ethyl 4-oxo-2-phenylpentanoate | 220 | C13H16O3 | 1000427-11-2 | 90   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butylated Hydro... | 16.878 | 0.5     | ug/L  | 37672    | 3                     | 11.807 | 361988 | 5.0  |