

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122923\  
 Data File : VU057364.D  
 Acq On : 29 Dec 2023 11:55  
 Operator : MD/SY  
 Sample : 06021-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH7Z5

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\SFAMUTR122723WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU057364.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         | 1.599       | 86            | 96          | 110          | rVB2     | 202473         | 256562        | 26.84%          | 3.078%        |
| 2         | 1.911       | 184           | 193         | 208          | rVB      | 100506         | 136281        | 14.26%          | 1.635%        |
| 3         | 2.563       | 382           | 396         | 414          | rVB      | 179949         | 309660        | 32.40%          | 3.715%        |
| 4         | 3.178       | 575           | 587         | 604          | rVB      | 5639           | 13176         | 1.38%           | 0.158%        |
| 5         | 3.348       | 630           | 640         | 657          | rVB5     | 12929          | 26790         | 2.80%           | 0.321%        |
| 6         | 3.862       | 785           | 800         | 821          | rBV      | 157425         | 383979        | 40.17%          | 4.607%        |
| 7         | 4.657       | 1030          | 1047        | 1086         | rBV3     | 115558         | 454782        | 47.58%          | 5.457%        |
| 8         | 5.055       | 1156          | 1171        | 1207         | rVB      | 174574         | 404561        | 42.32%          | 4.854%        |
| 9         | 5.309       | 1235          | 1250        | 1267         | rBV3     | 56334          | 126454        | 13.23%          | 1.517%        |
| 10        | 5.721       | 1357          | 1378        | 1406         | rBV2     | 322838         | 859063        | 89.87%          | 10.308%       |
| 11        | 6.245       | 1525          | 1541        | 1562         | rBV      | 278792         | 545591        | 57.08%          | 6.546%        |
| 12        | 6.538       | 1615          | 1632        | 1648         | rBV      | 116105         | 223937        | 23.43%          | 2.687%        |
| 13        | 6.685       | 1663          | 1678        | 1700         | rBV      | 203156         | 412400        | 43.14%          | 4.948%        |
| 14        | 7.560       | 1937          | 1950        | 1969         | rBV      | 95069          | 175411        | 18.35%          | 2.105%        |
| 15        | 7.894       | 2041          | 2054        | 2067         | rBV      | 348431         | 614130        | 64.25%          | 7.369%        |
| 16        | 7.965       | 2067          | 2076        | 2092         | rVB      | 90874          | 158904        | 16.62%          | 1.907%        |
| 17        | 8.174       | 2131          | 2141        | 2160         | rBV      | 59688          | 106472        | 11.14%          | 1.278%        |
| 18        | 8.631       | 2270          | 2283        | 2323         | rBV3     | 429959         | 955847        | 100.00%         | 11.469%       |
| 19        | 9.412       | 2511          | 2526        | 2554         | rBV      | 397727         | 696134        | 72.83%          | 8.353%        |
| 20        | 10.750      | 2931          | 2942        | 2962         | rBV      | 154083         | 254367        | 26.61%          | 3.052%        |
| 21        | 11.807      | 3259          | 3271        | 3297         | rBV      | 338615         | 550512        | 57.59%          | 6.605%        |
| 22        | 12.187      | 3377          | 3389        | 3405         | rBV      | 316249         | 527227        | 55.16%          | 6.326%        |
| 23        | 16.881      | 4837          | 4849        | 4864         | rBV      | 93510          | 142040        | 14.86%          | 1.704%        |

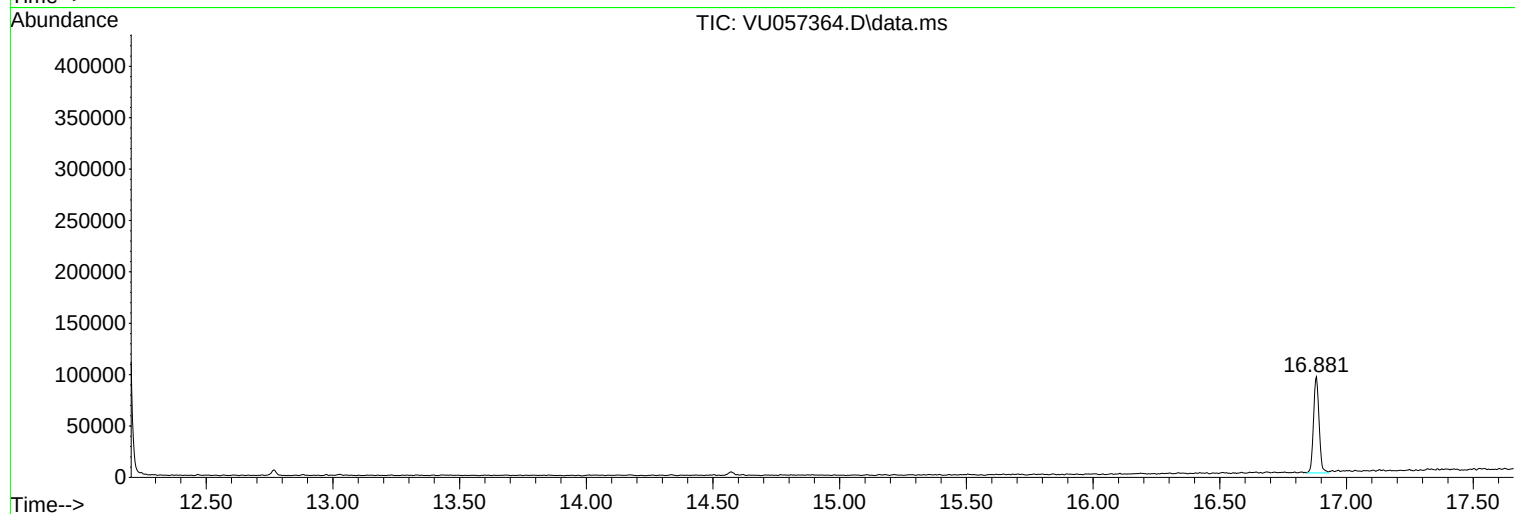
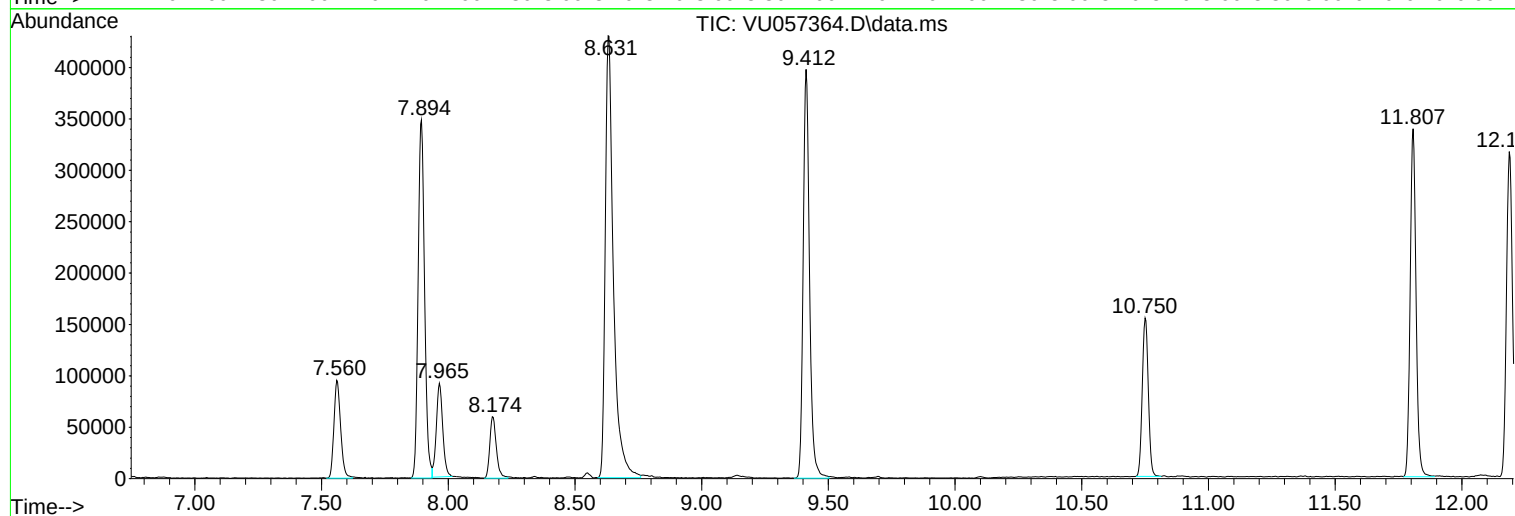
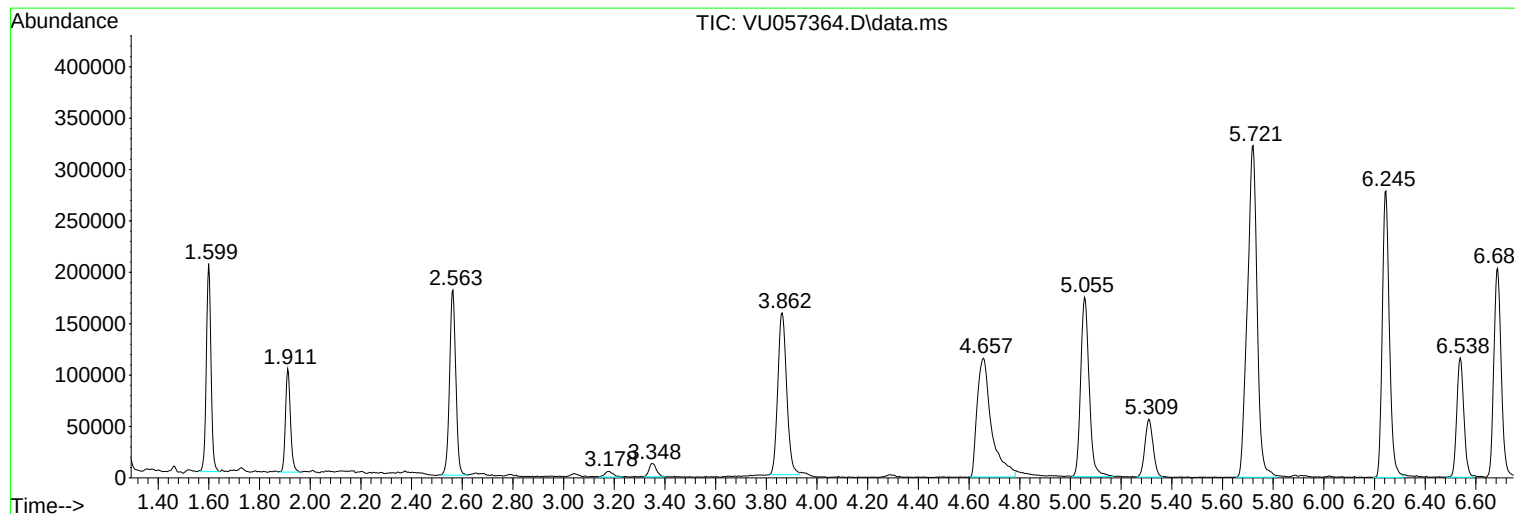
Sum of corrected areas: 8334280

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ClientSampleId :  
BH7Z5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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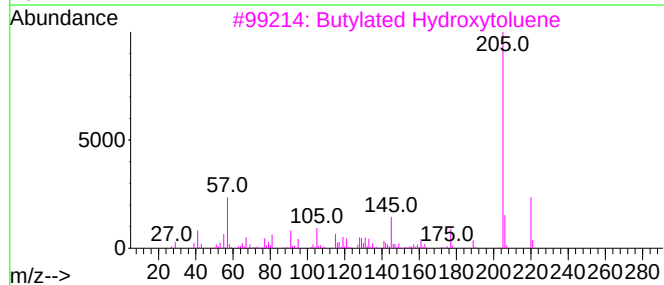
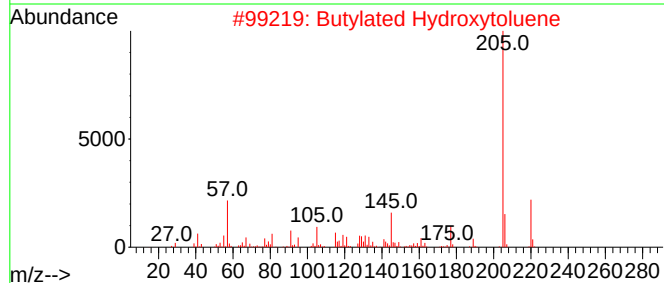
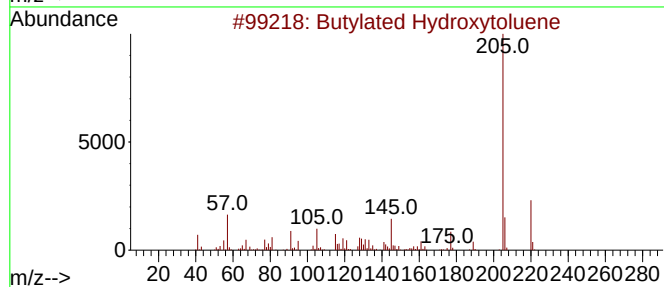
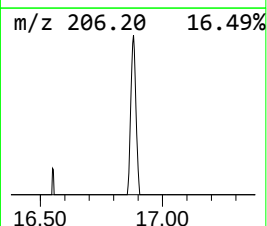
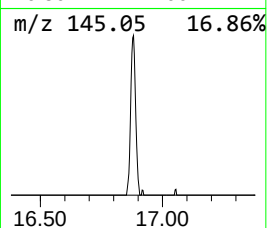
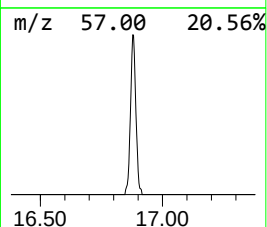
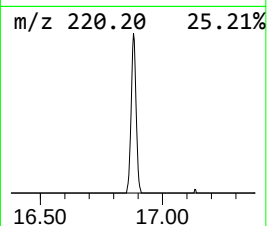
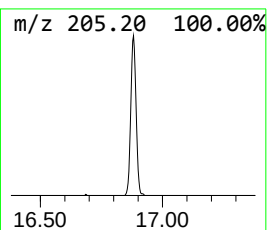
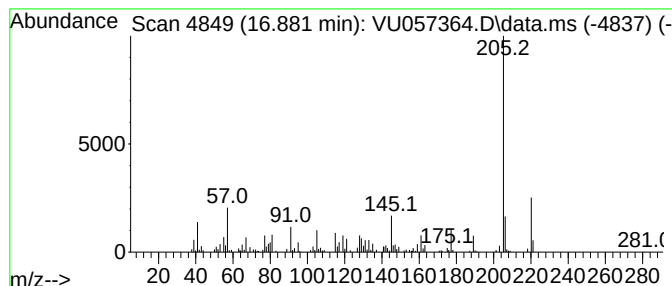
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.   |
|--------|-----------|--------|------------------------|--------|
| 16.881 | 1.29 ug/L | 142040 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------|-----|----------|--------------|------|
| 1    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 99   |
| 2    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 98   |
| 3    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 98   |
| 4    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 94   |
| 5    |    |   | Ethyl 4-oxo-2-phenylpentanoate | 220 | C13H16O3 | 1000427-11-2 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butylated Hydro... | 16.881 | 1.3     | ug/L  | 142040   | 3                     | 11.807 | 550512 | 5.0  |