

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062824\  
 Data File : VU059593.D  
 Acq On : 28 Jun 2024 03:52  
 Operator : MD/SY  
 Sample : P3007-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 JMR2

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: VU059593.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         | 1.692       | 115           | 125         | 137          | rBV      | 54254          | 76481         | 15.99%          | 1.804%        |
| 2         | 2.023       | 220           | 228         | 243          | rBV      | 56965          | 81621         | 17.07%          | 1.925%        |
| 3         | 2.682       | 422           | 433         | 447          | rVB      | 110904         | 184187        | 38.51%          | 4.344%        |
| 4         | 2.808       | 465           | 472         | 484          | rVB4     | 4049           | 7044          | 1.47%           | 0.166%        |
| 5         | 3.171       | 579           | 585         | 595          | rVB5     | 5448           | 9478          | 1.98%           | 0.224%        |
| 6         | 3.917       | 808           | 817         | 832          | rVB6     | 12161          | 27600         | 5.77%           | 0.651%        |
| 7         | 4.811       | 1077          | 1095        | 1131         | rVB2     | 53180          | 236709        | 49.49%          | 5.583%        |
| 8         | 5.158       | 1190          | 1203        | 1221         | rVB2     | 144907         | 316683        | 66.21%          | 7.469%        |
| 9         | 5.853       | 1400          | 1419        | 1440         | rBV2     | 197756         | 478287        | 100.00%         | 11.281%       |
| 10        | 6.351       | 1558          | 1574        | 1601         | rBV      | 161482         | 300202        | 62.77%          | 7.080%        |
| 11        | 6.775       | 1691          | 1706        | 1725         | rBV      | 118011         | 230006        | 48.09%          | 5.425%        |
| 12        | 7.621       | 1958          | 1969        | 1985         | rBV3     | 43192          | 75135         | 15.71%          | 1.772%        |
| 13        | 7.946       | 2057          | 2070        | 2086         | rBV      | 208310         | 371338        | 77.64%          | 8.758%        |
| 14        | 8.017       | 2086          | 2092        | 2106         | rVB2     | 10486          | 17470         | 3.65%           | 0.412%        |
| 15        | 8.222       | 2144          | 2156        | 2170         | rBV      | 27428          | 45259         | 9.46%           | 1.067%        |
| 16        | 8.586       | 2259          | 2269        | 2279         | rBV3     | 8703           | 14012         | 2.93%           | 0.330%        |
| 17        | 8.672       | 2282          | 2296        | 2324         | rBV      | 208945         | 440963        | 92.20%          | 10.400%       |
| 18        | 9.438       | 2522          | 2534        | 2556         | rBV      | 224973         | 386199        | 80.75%          | 9.109%        |
| 19        | 10.762      | 2933          | 2946        | 2962         | rBV      | 94585          | 155762        | 32.57%          | 3.674%        |
| 20        | 10.894      | 2977          | 2987        | 2997         | rBV2     | 3404           | 5406          | 1.13%           | 0.128%        |
| 21        | 11.746      | 3247          | 3252        | 3262         | rBV3     | 3513           | 5485          | 1.15%           | 0.129%        |
| 22        | 11.814      | 3262          | 3273        | 3293         | rVV      | 208681         | 339708        | 71.03%          | 8.012%        |
| 23        | 12.193      | 3378          | 3391        | 3410         | rBV      | 206351         | 338750        | 70.83%          | 7.990%        |
| 24        | 16.762      | 4803          | 4812        | 4819         | rBV8     | 4565           | 6769          | 1.42%           | 0.160%        |
| 25        | 16.878      | 4838          | 4848        | 4858         | rBV      | 51576          | 78353         | 16.38%          | 1.848%        |
| 26        | 17.463      | 5024          | 5030        | 5042         | rBV      | 5672           | 11022         | 2.30%           | 0.260%        |

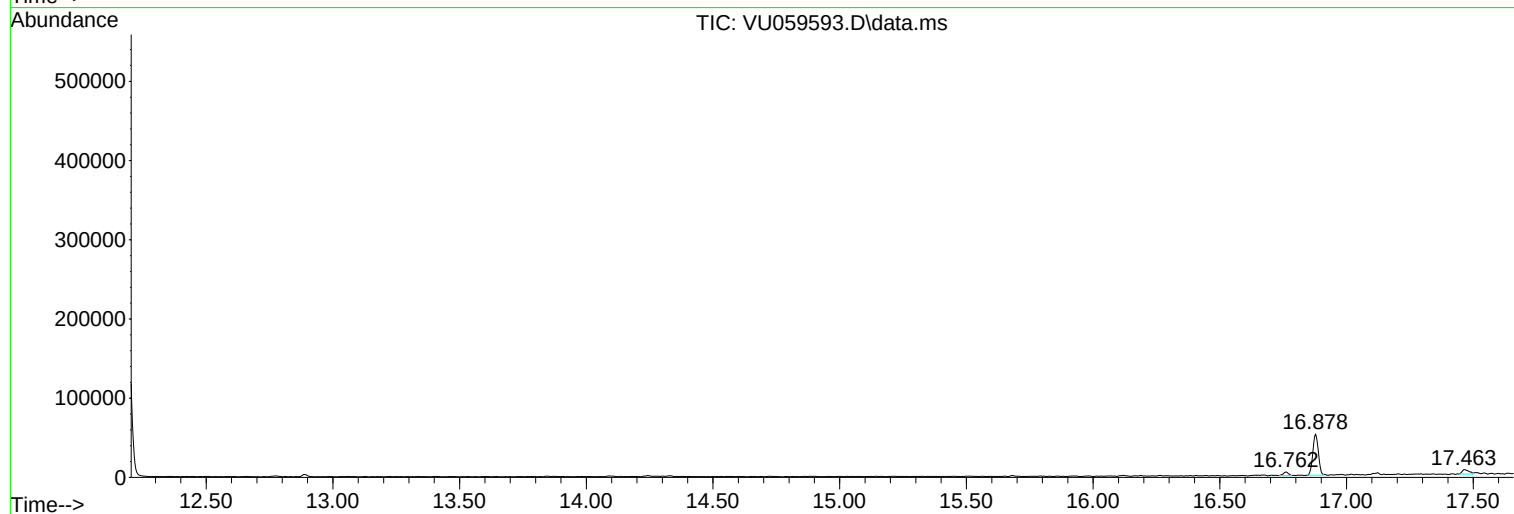
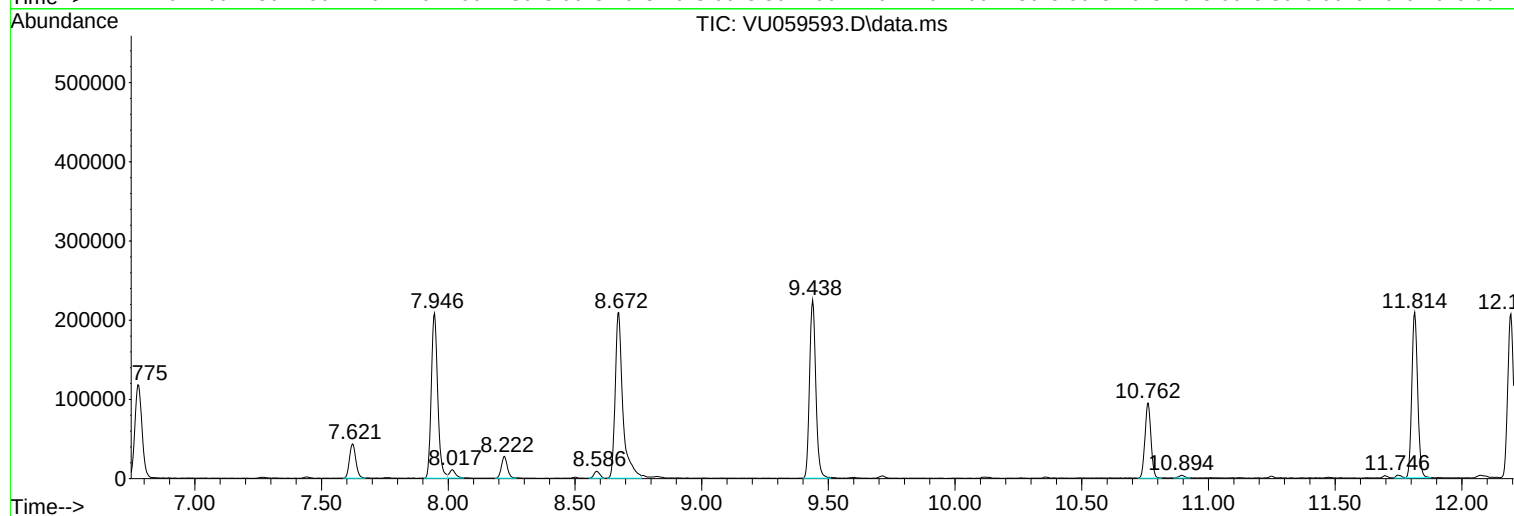
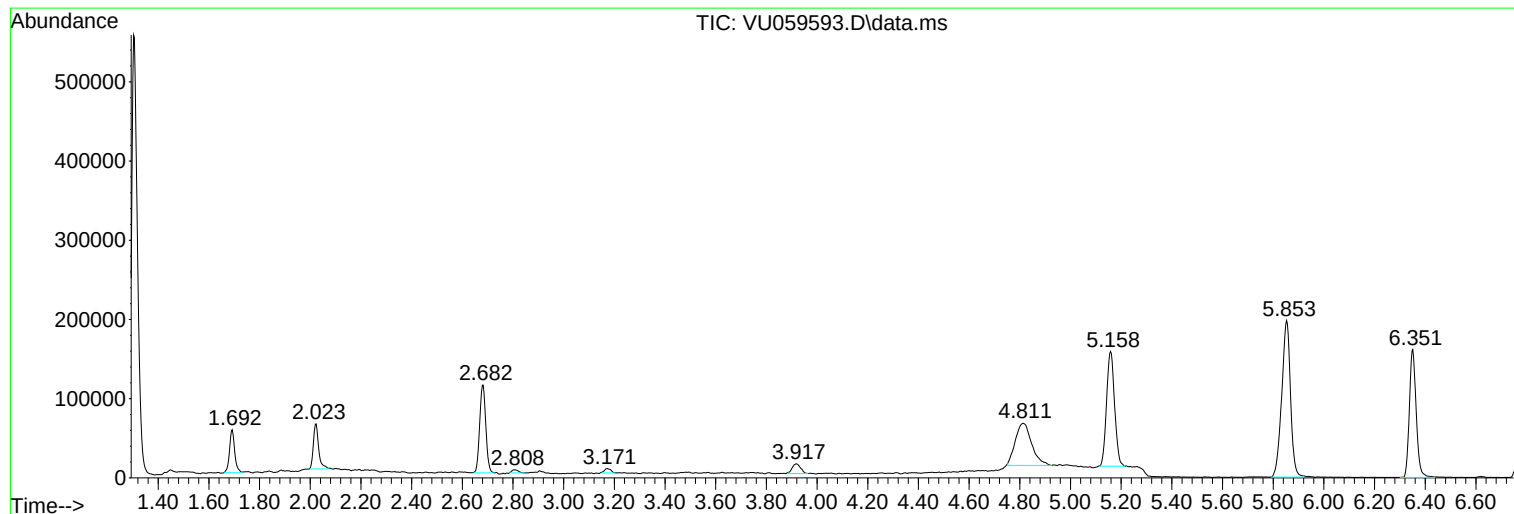
Sum of corrected areas: 4239929

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MSVOA\_U  
ClientSampleId :  
JMRF2

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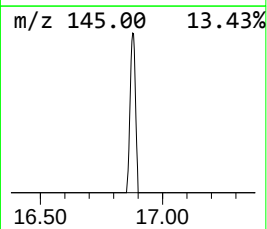
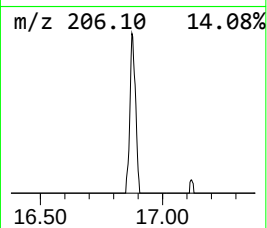
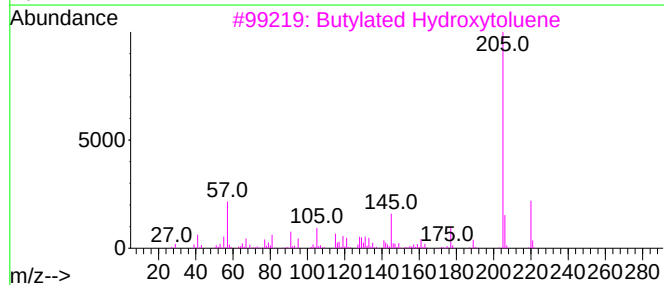
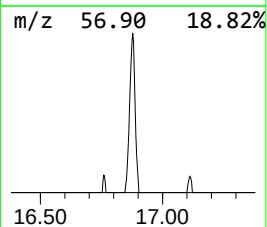
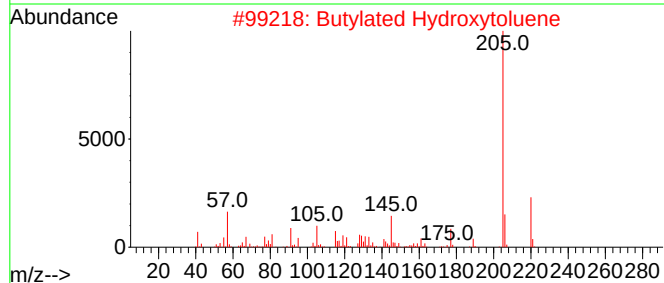
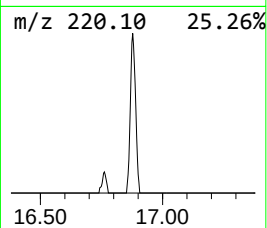
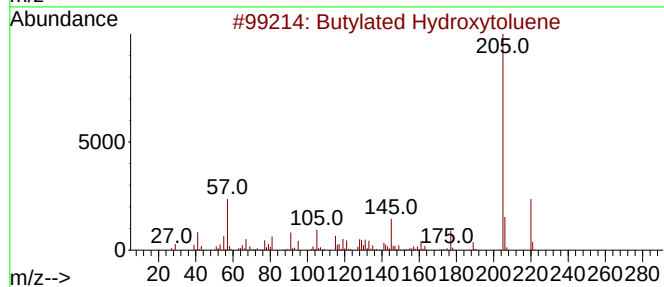
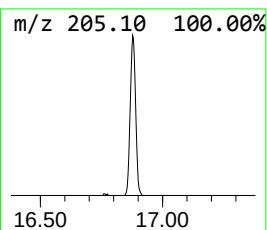
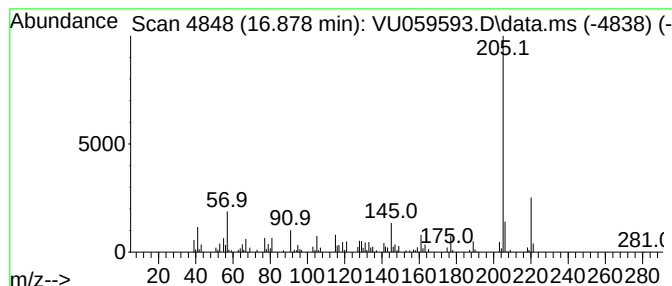
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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 | 1.15 ug/L | 78353 | 1,4-Dichlorobenzene-d4 | 11.814 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------|-----|----------|--------------|------|
| 1    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 98   |
| 2    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 98   |
| 3    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 95   |
| 4    |    |   | Butylated Hydroxytoluene       | 220 | C15H24O  | 000128-37-0  | 95   |
| 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... | 16.878 | 1.1     | ug/L  | 78353    | 3                     | 11.814 | 339708 | 5.0  |