

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050303.D  
 Acq On : 13 Aug 2022 00:35  
 Operator : SY/MD  
 Sample : N4115-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5D52

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\SFAMUTR080422WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU050303.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         | 1.597       | 72            | 80          | 94           | rVB      | 41675          | 46931         | 12.72%          | 1.794%        |
| 2         | 1.909       | 169           | 177         | 189          | rVB      | 36593          | 47075         | 12.75%          | 1.799%        |
| 3         | 2.565       | 369           | 381         | 393          | rBV      | 56851          | 90150         | 24.42%          | 3.446%        |
| 4         | 2.633       | 393           | 402         | 422          | rVB      | 7209           | 13423         | 3.64%           | 0.513%        |
| 5         | 2.793       | 442           | 452         | 463          | rBV2     | 2128           | 3872          | 1.05%           | 0.148%        |
| 6         | 3.855       | 752           | 782         | 802          | rVB      | 3290           | 16405         | 4.44%           | 0.627%        |
| 7         | 4.626       | 1009          | 1022        | 1054         | rBV      | 57703          | 154887        | 41.96%          | 5.920%        |
| 8         | 5.063       | 1140          | 1158        | 1178         | rBV      | 61839          | 138419        | 37.50%          | 5.291%        |
| 9         | 5.726       | 1342          | 1364        | 1384         | rBV2     | 110834         | 290212        | 78.63%          | 11.093%       |
| 10        | 6.250       | 1513          | 1527        | 1548         | rBV      | 97470          | 184427        | 49.97%          | 7.049%        |
| 11        | 6.543       | 1604          | 1618        | 1630         | rVB3     | 11704          | 22458         | 6.08%           | 0.858%        |
| 12        | 6.690       | 1651          | 1664        | 1685         | rVB      | 76406          | 146828        | 39.78%          | 5.612%        |
| 13        | 7.565       | 1926          | 1936        | 1953         | rBV      | 30215          | 52163         | 14.13%          | 1.994%        |
| 14        | 7.899       | 2024          | 2040        | 2055         | rBV      | 111826         | 191371        | 51.85%          | 7.315%        |
| 15        | 8.182       | 2117          | 2128        | 2141         | rBV      | 18901          | 31268         | 8.47%           | 1.195%        |
| 16        | 8.552       | 2234          | 2243        | 2254         | rBV2     | 12613          | 20826         | 5.64%           | 0.796%        |
| 17        | 8.636       | 2254          | 2269        | 2302         | rBV3     | 167219         | 369097        | 100.00%         | 14.108%       |
| 18        | 9.417       | 2499          | 2512        | 2530         | rBV      | 141043         | 237062        | 64.23%          | 9.061%        |
| 19        | 10.755      | 2917          | 2928        | 2948         | rVB      | 66244          | 107417        | 29.10%          | 4.106%        |
| 20        | 11.812      | 3245          | 3257        | 3277         | rBV      | 111936         | 180217        | 48.83%          | 6.888%        |
| 21        | 12.192      | 3363          | 3375        | 3394         | rBV      | 101482         | 165440        | 44.82%          | 6.324%        |
| 22        | 13.922      | 3884          | 3913        | 3948         | rBV2     | 21048          | 106300        | 28.80%          | 4.063%        |

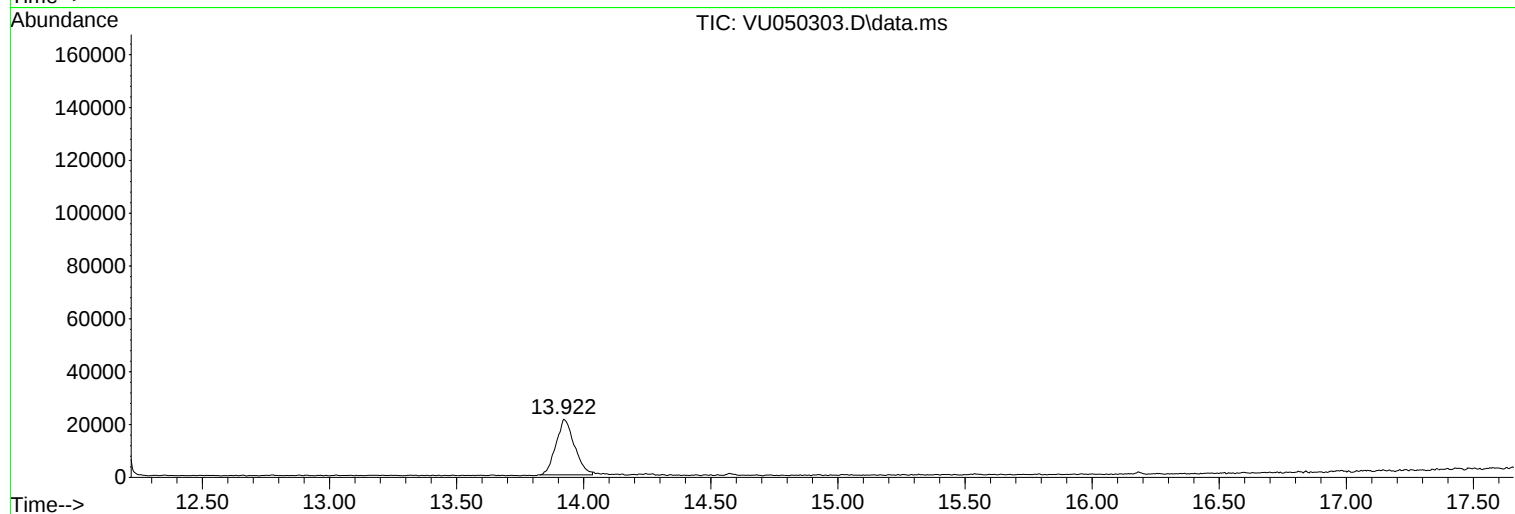
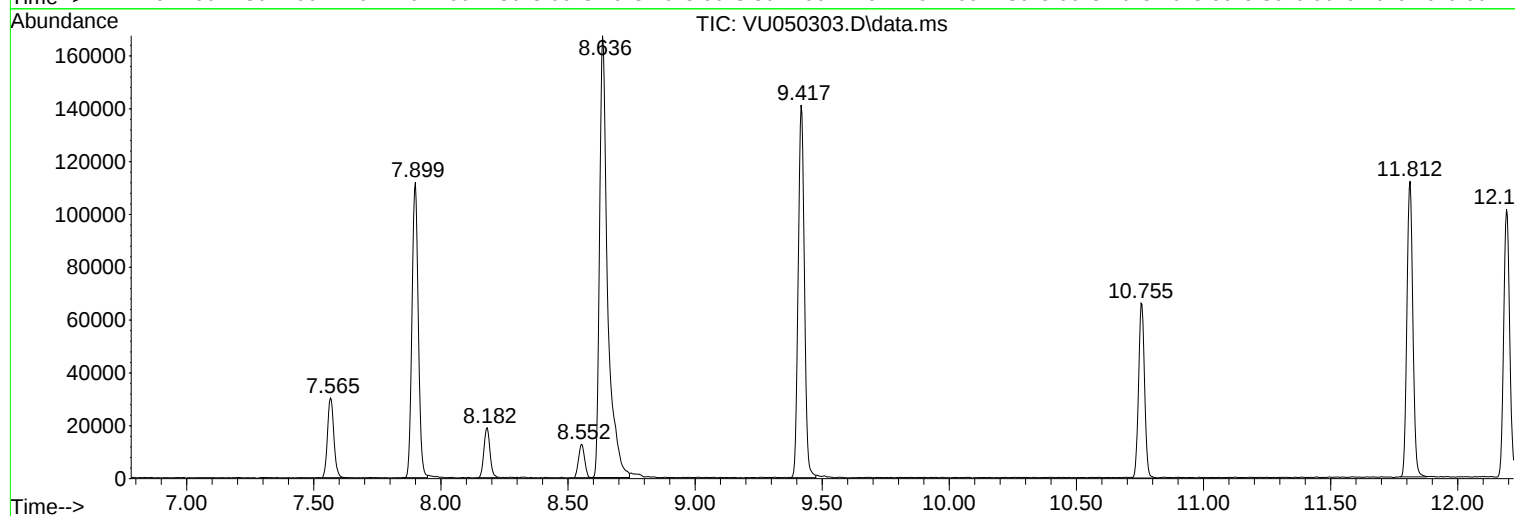
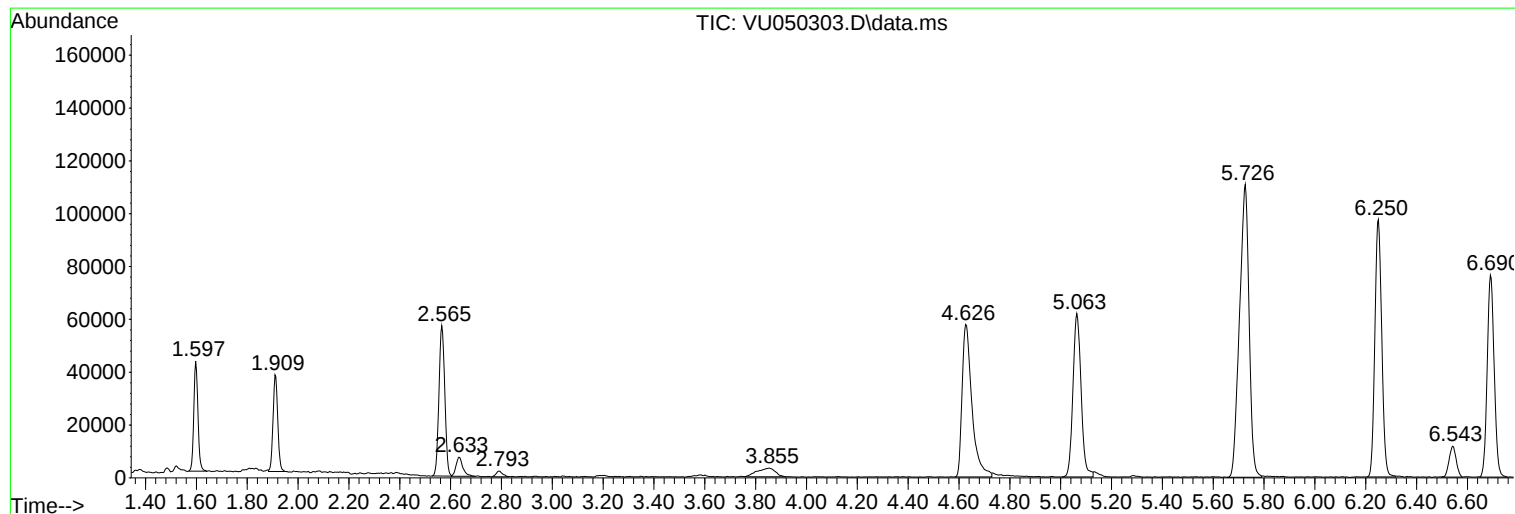
Sum of corrected areas: 2616248

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Instrument :  
MSVOA\_U  
ClientSampleId :  
F5D52

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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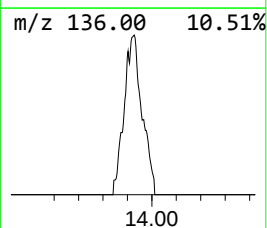
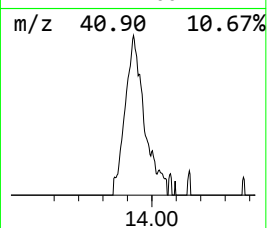
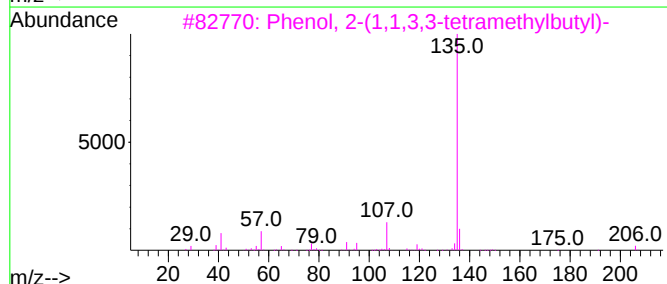
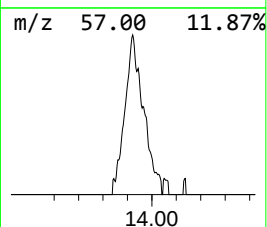
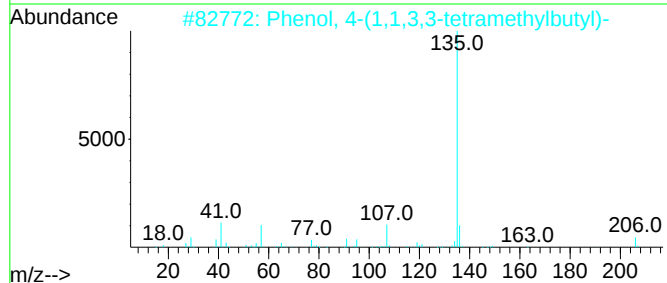
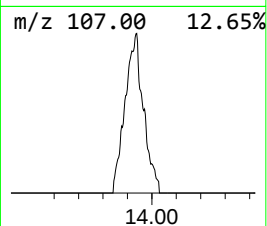
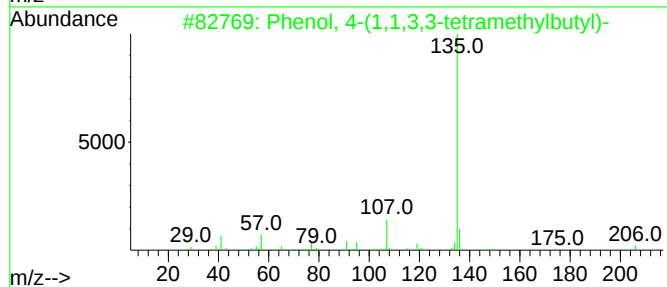
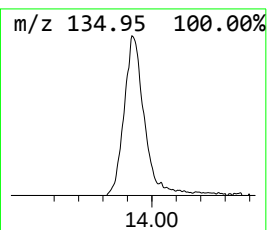
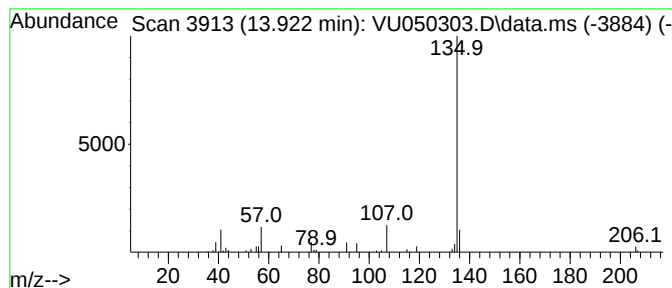
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.922 | 2.95 ug/L | 106300 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 95   |
| 2    |    |   | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 91   |
| 3    |    |   | Phenol, 2-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 003884-95-5 | 91   |
| 4    |    |   | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 91   |
| 5    |    |   | Phenol, 2-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 003884-95-5 | 74   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Phenol, 4-(1,1,... | 13.922 | 3.0     | ug/L  | 106300   | 3                     | 11.812 | 180217 | 5.0  |