

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121621\  
 Data File : VV024024.D  
 Acq On : 16 Dec 2021 19:38  
 Operator : SY/MD  
 Sample : M5113-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBLW2

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\SFAMVTR121021WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV024024.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         | 1.301       | 71            | 81          | 97           | rVB2     | 48414          | 73583         | 26.49%          | 2.786%        |
| 2         | 1.564       | 156           | 163         | 174          | rBV      | 35893          | 41606         | 14.98%          | 1.575%        |
| 3         | 2.105       | 320           | 331         | 349          | rBV      | 74541          | 106324        | 38.28%          | 4.025%        |
| 4         | 2.507       | 448           | 456         | 466          | rVB4     | 1991           | 3143          | 1.13%           | 0.119%        |
| 5         | 3.687       | 812           | 823         | 833          | rBV5     | 1309           | 2987          | 1.08%           | 0.113%        |
| 6         | 3.908       | 876           | 892         | 926          | rBV2     | 19399          | 85229         | 30.68%          | 3.227%        |
| 7         | 4.349       | 1012          | 1029        | 1052         | rBV3     | 48700          | 126125        | 45.41%          | 4.775%        |
| 8         | 5.047       | 1229          | 1246        | 1272         | rBV3     | 110914         | 277759        | 100.00%         | 10.516%       |
| 9         | 5.616       | 1412          | 1423        | 1446         | rBV      | 96232          | 201500        | 72.54%          | 7.628%        |
| 10        | 5.908       | 1506          | 1514        | 1528         | rVB4     | 3310           | 5466          | 1.97%           | 0.207%        |
| 11        | 6.069       | 1551          | 1564        | 1588         | rBV      | 62863          | 133237        | 47.97%          | 5.044%        |
| 12        | 6.989       | 1839          | 1850        | 1870         | rBV2     | 28277          | 55628         | 20.03%          | 2.106%        |
| 13        | 7.317       | 1941          | 1952        | 1969         | rBV      | 131460         | 231351        | 83.29%          | 8.759%        |
| 14        | 7.394       | 1969          | 1976        | 1993         | rVB2     | 7766           | 15534         | 5.59%           | 0.588%        |
| 15        | 7.625       | 2037          | 2048        | 2062         | rBV2     | 19967          | 33735         | 12.15%          | 1.277%        |
| 16        | 8.091       | 2182          | 2193        | 2227         | rBV      | 112023         | 245621        | 88.43%          | 9.299%        |
| 17        | 8.854       | 2419          | 2430        | 2457         | rBV      | 165504         | 269735        | 97.11%          | 10.212%       |
| 18        | 9.815       | 2718          | 2729        | 2740         | rBV4     | 5016           | 8442          | 3.04%           | 0.320%        |
| 19        | 10.217      | 2843          | 2854        | 2868         | rBV2     | 44793          | 71388         | 25.70%          | 2.703%        |
| 20        | 11.249      | 3165          | 3175        | 3191         | rBV      | 169697         | 261612        | 94.19%          | 9.904%        |
| 21        | 11.625      | 3280          | 3292        | 3311         | rBV      | 132468         | 210197        | 75.68%          | 7.958%        |
| 22        | 12.345      | 3507          | 3516        | 3528         | rBV4     | 12601          | 18703         | 6.73%           | 0.708%        |
| 23        | 15.503      | 4487          | 4498        | 4512         | rBV      | 108173         | 162511        | 58.51%          | 6.152%        |

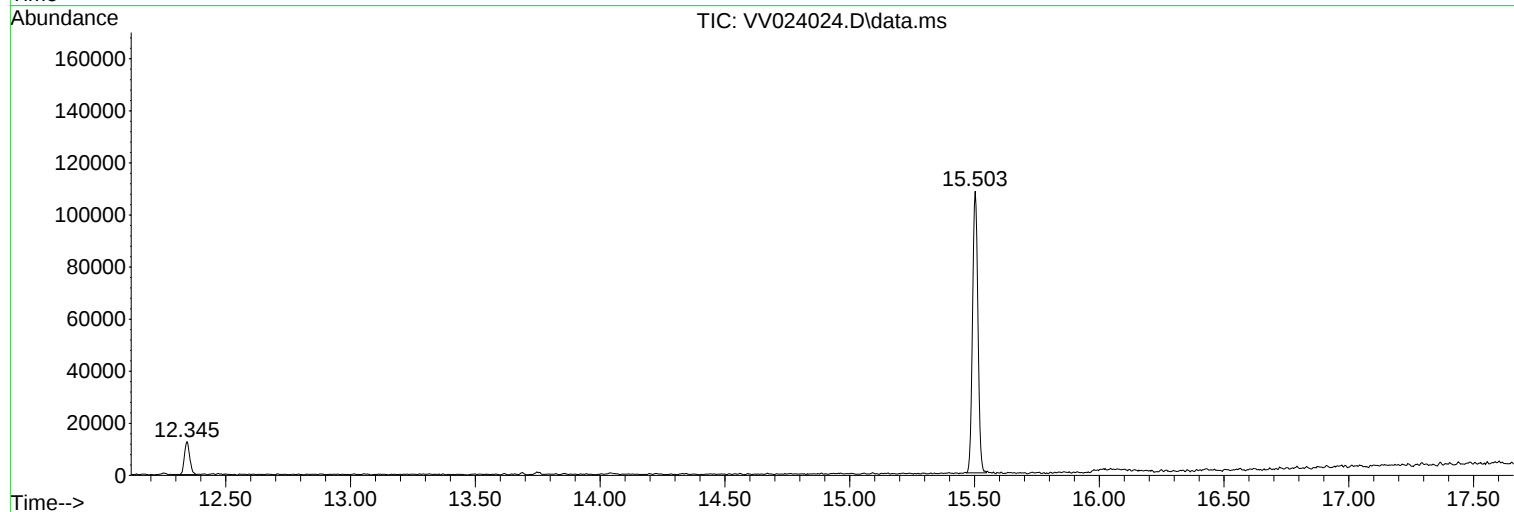
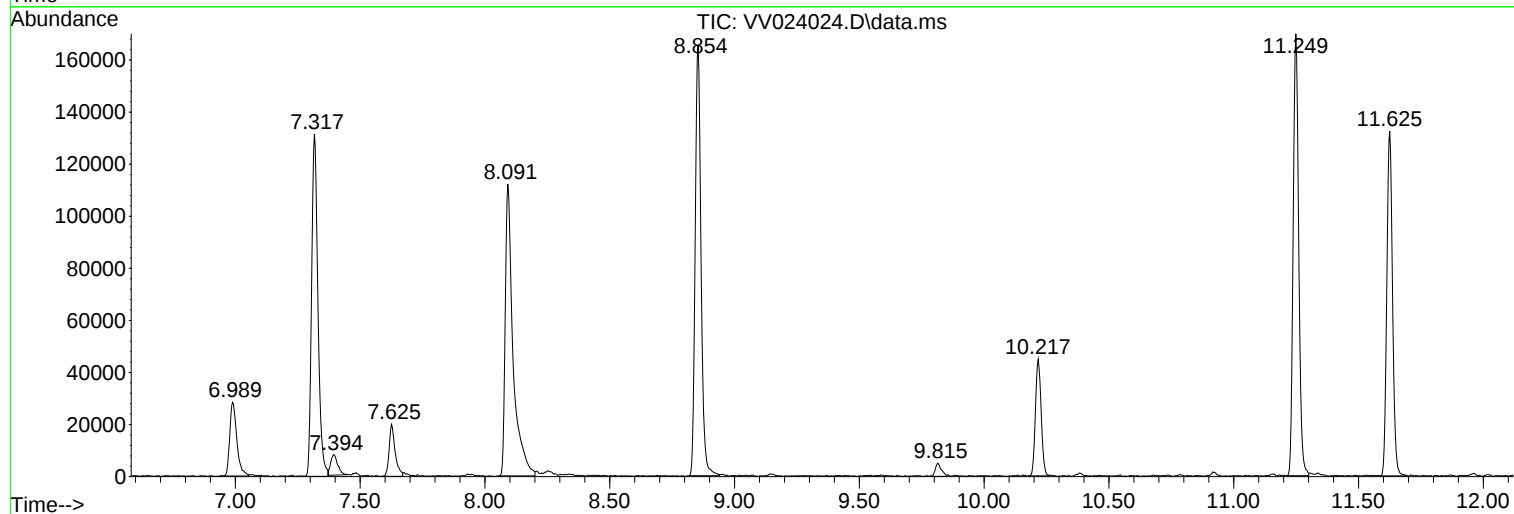
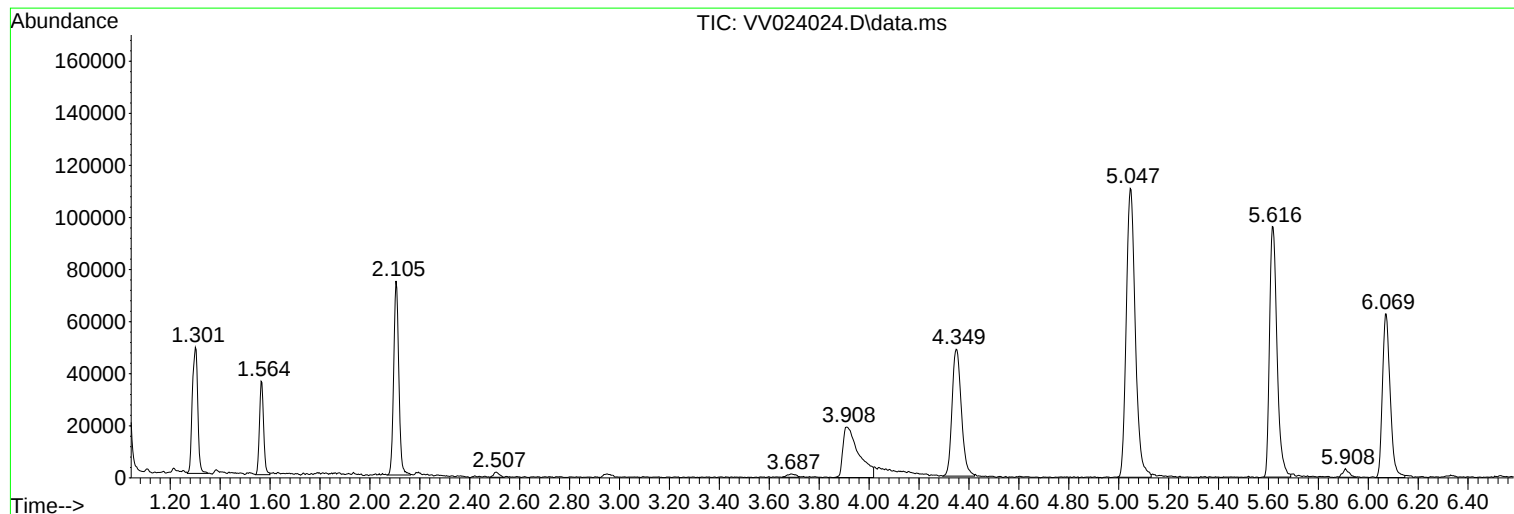
Sum of corrected areas: 2641416

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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBLW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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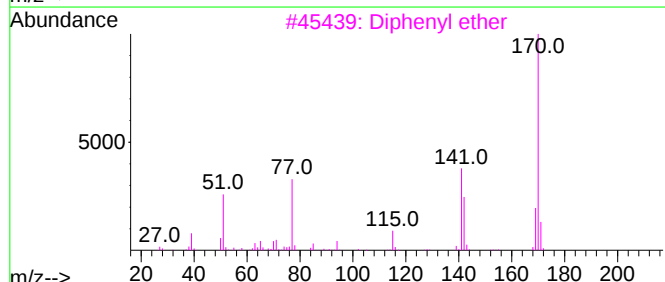
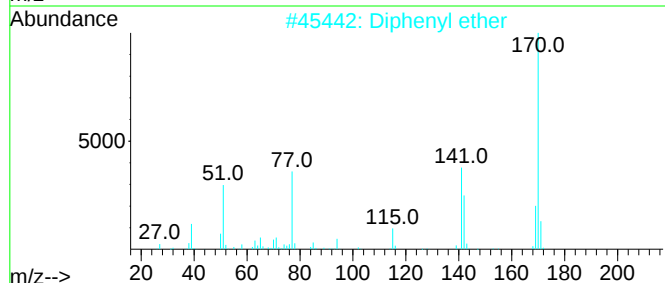
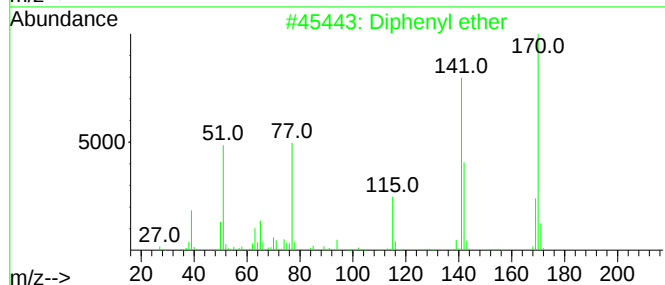
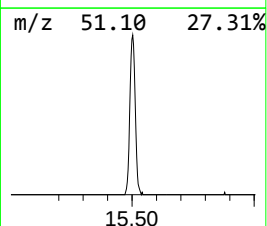
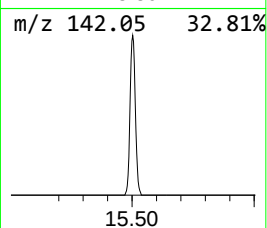
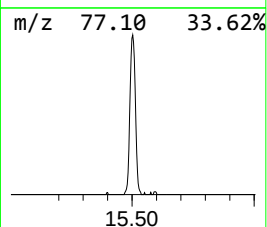
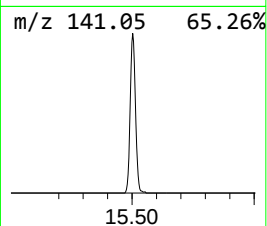
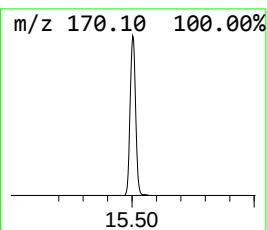
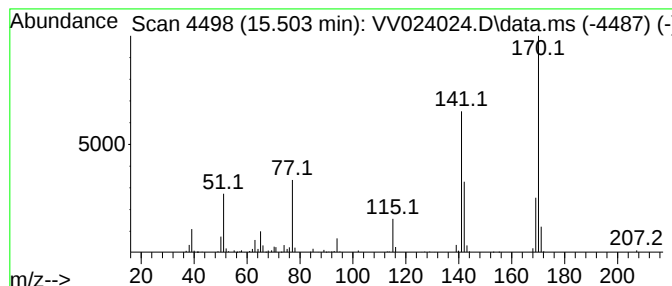
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Diphenyl ether Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.503 | 3.11 ug/L | 162511 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 96   |
| 2    |    |   | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 93   |
| 3    |    |   | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 93   |
| 4    |    |   | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 90   |
| 5    |    |   | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 72   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Diphenyl ether   | 15.503 | 3.1     | ug/L  | 162511   | 3                     | 11.249 | 261612 | 5.0  |