

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061923\  
 Data File : VU054589.D  
 Acq On : 19 Jun 2023 12:17  
 Operator : MD/SY  
 Sample : 03258-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCGW6

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\SFAMUTR060723WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU054589.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         | 1.358       | 17            | 21          | 39           | rVB5     | 11939          | 22201         | 2.29%           | 0.272%        |
| 2         | 1.599       | 84            | 96          | 109          | rBV3     | 90858          | 143447        | 14.81%          | 1.756%        |
| 3         | 1.914       | 186           | 194         | 212          | rVB2     | 95089          | 171399        | 17.69%          | 2.098%        |
| 4         | 2.081       | 241           | 246         | 253          | rVB      | 8884           | 12438         | 1.28%           | 0.152%        |
| 5         | 2.374       | 328           | 337         | 356          | rVB      | 102372         | 170321        | 17.58%          | 2.084%        |
| 6         | 2.566       | 382           | 397         | 411          | rBV      | 124252         | 209604        | 21.64%          | 2.565%        |
| 7         | 2.637       | 411           | 419         | 436          | rVB2     | 12181          | 26244         | 2.71%           | 0.321%        |
| 8         | 2.792       | 456           | 467         | 478          | rBV      | 20541          | 38445         | 3.97%           | 0.471%        |
| 9         | 3.042       | 536           | 545         | 557          | rBV7     | 5366           | 10546         | 1.09%           | 0.129%        |
| 10        | 3.203       | 575           | 595         | 618          | rBV3     | 8594           | 36245         | 3.74%           | 0.444%        |
| 11        | 3.865       | 790           | 801         | 823          | rVB2     | 21711          | 51669         | 5.33%           | 0.632%        |
| 12        | 3.991       | 823           | 840         | 864          | rBV3     | 18776          | 48152         | 4.97%           | 0.589%        |
| 13        | 4.627       | 1024          | 1038        | 1081         | rBV2     | 148356         | 523001        | 53.99%          | 6.401%        |
| 14        | 5.058       | 1156          | 1172        | 1198         | rBV      | 182939         | 419445        | 43.30%          | 5.133%        |
| 15        | 5.721       | 1358          | 1378        | 1411         | rBV3     | 322737         | 879541        | 90.79%          | 10.764%       |
| 16        | 6.245       | 1528          | 1541        | 1569         | rBV      | 308403         | 614160        | 63.40%          | 7.516%        |
| 17        | 6.685       | 1663          | 1678        | 1698         | rBV      | 223268         | 443635        | 45.79%          | 5.429%        |
| 18        | 7.563       | 1936          | 1951        | 1973         | rBV      | 86331          | 163952        | 16.92%          | 2.006%        |
| 19        | 7.894       | 2042          | 2054        | 2075         | rBV      | 357978         | 645780        | 66.66%          | 7.903%        |
| 20        | 8.177       | 2130          | 2142        | 2159         | rBV      | 54169          | 96469         | 9.96%           | 1.181%        |
| 21        | 8.631       | 2271          | 2283        | 2321         | rBV2     | 475904         | 968748        | 100.00%         | 11.856%       |
| 22        | 9.415       | 2514          | 2527        | 2551         | rBV      | 438257         | 755276        | 77.96%          | 9.243%        |
| 23        | 10.753      | 2931          | 2943        | 2960         | rBV      | 167857         | 278287        | 28.73%          | 3.406%        |
| 24        | 10.888      | 2974          | 2985        | 2998         | rVB2     | 8036           | 13706         | 1.41%           | 0.168%        |
| 25        | 11.807      | 3259          | 3271        | 3289         | rBV      | 450320         | 746564        | 77.06%          | 9.137%        |
| 26        | 12.071      | 3344          | 3353        | 3364         | rBV7     | 4876           | 12099         | 1.25%           | 0.148%        |
| 27        | 12.190      | 3377          | 3390        | 3408         | rBV      | 375410         | 615712        | 63.56%          | 7.535%        |
| 28        | 14.637      | 4141          | 4151        | 4163         | rBV3     | 32858          | 53968         | 5.57%           | 0.660%        |

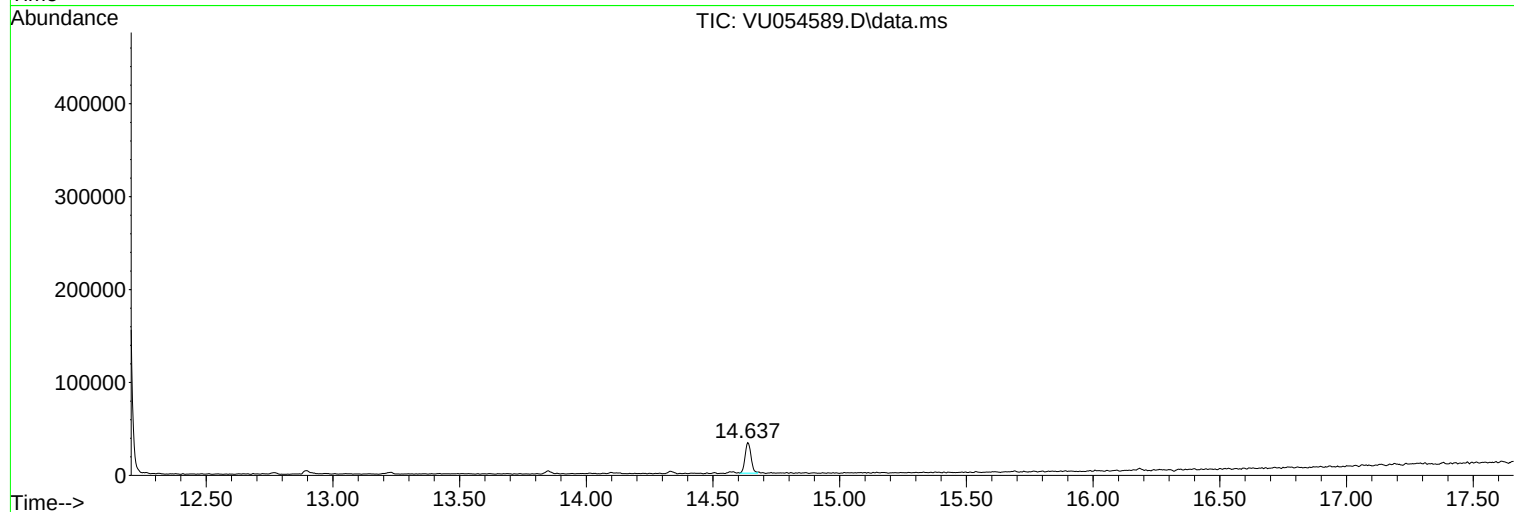
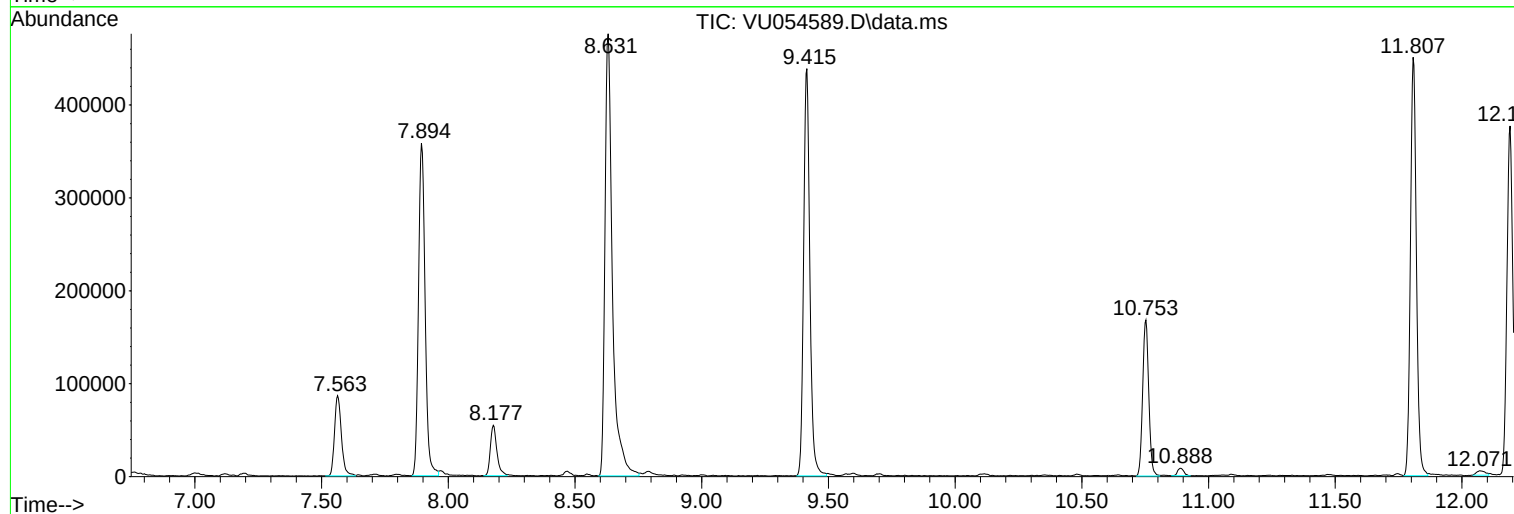
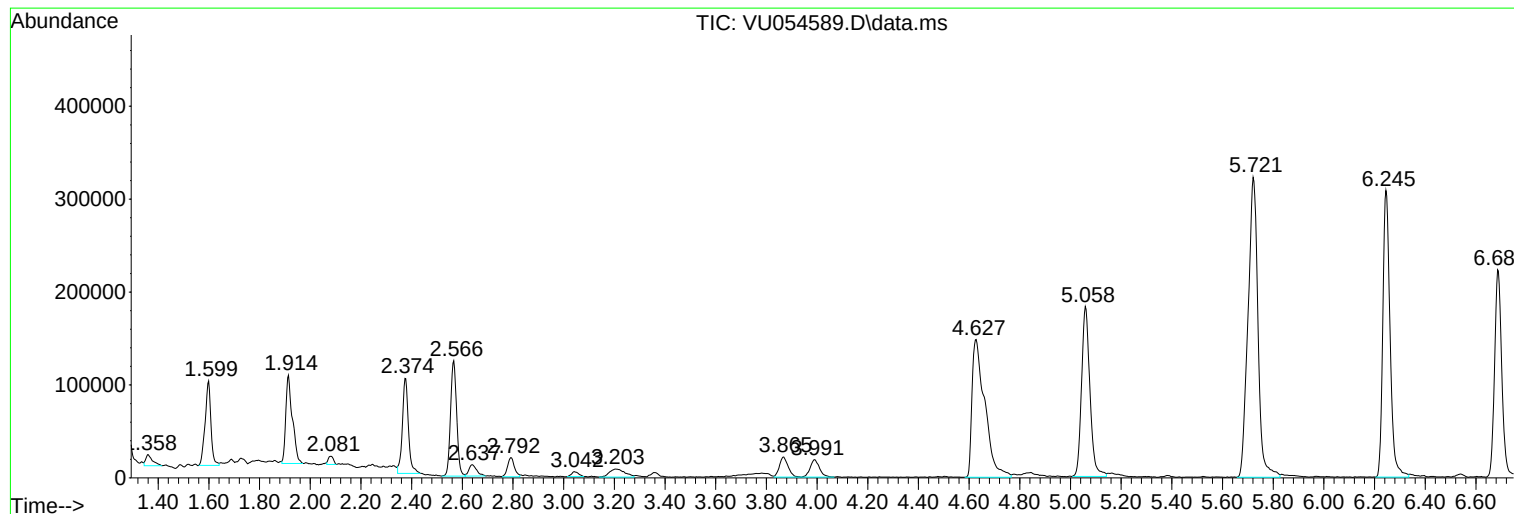
Sum of corrected areas: 8171054

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Instrument :  
MSVOA\_U  
ClientSampleId :  
DCGW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :  
MSVOA\_U  
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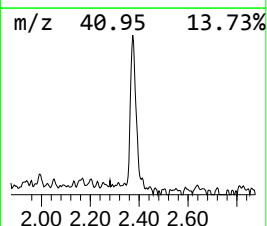
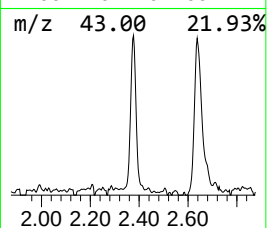
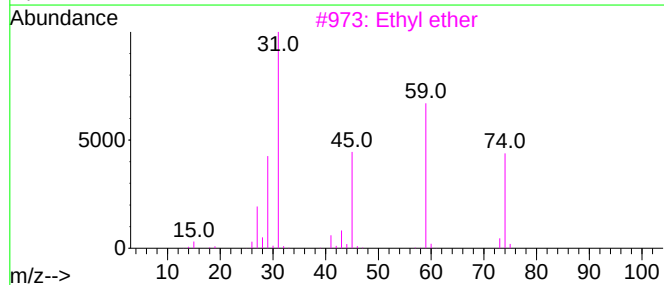
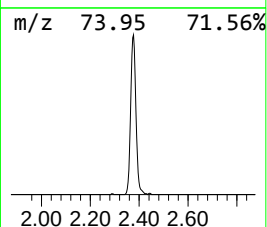
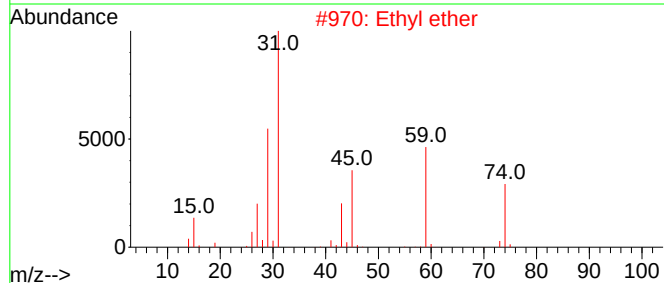
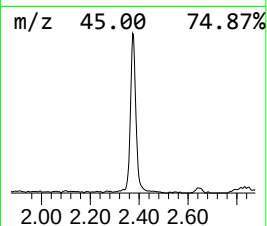
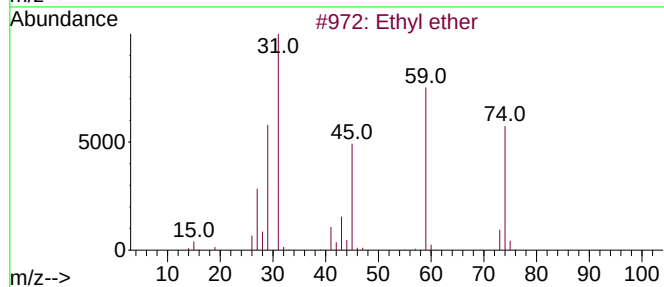
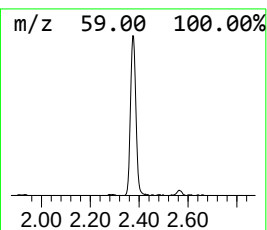
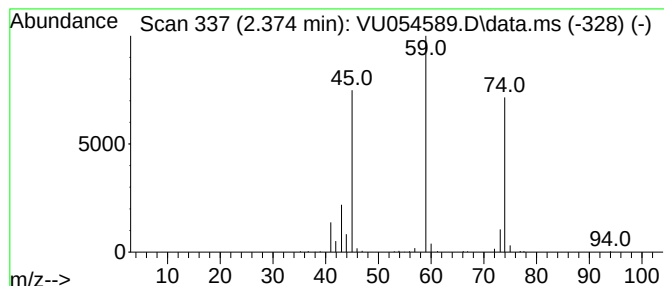
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Ethyl ether Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.374 | 1.39 ug/L | 170321 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of          | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------|---|--------------|----|---------|-------------|------|
| 1    | Ethyl ether |   |              | 74 | C4H10O  | 000060-29-7 | 90   |
| 2    | Ethyl ether |   |              | 74 | C4H10O  | 000060-29-7 | 90   |
| 3    | Ethyl ether |   |              | 74 | C4H10O  | 000060-29-7 | 90   |
| 4    | Ethyl ether |   |              | 74 | C4H10O  | 000060-29-7 | 83   |
| 5    | Ethyl ether |   |              | 74 | C4H10O  | 000060-29-7 | 78   |



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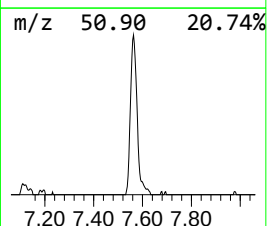
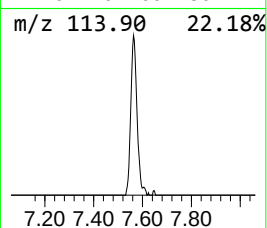
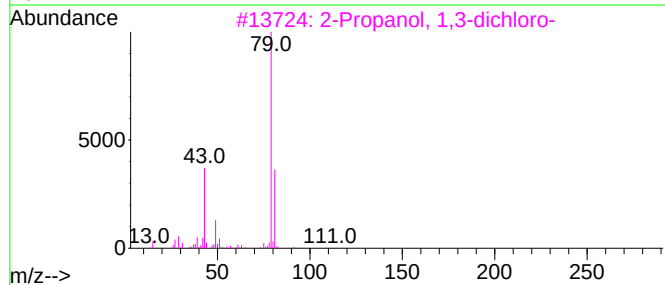
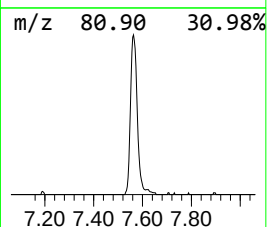
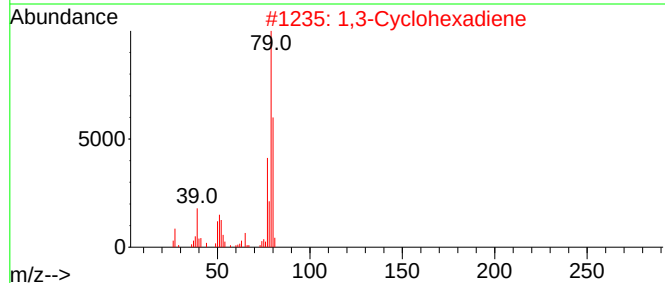
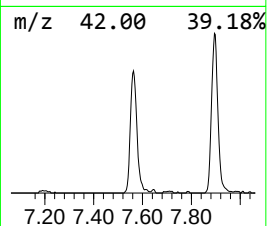
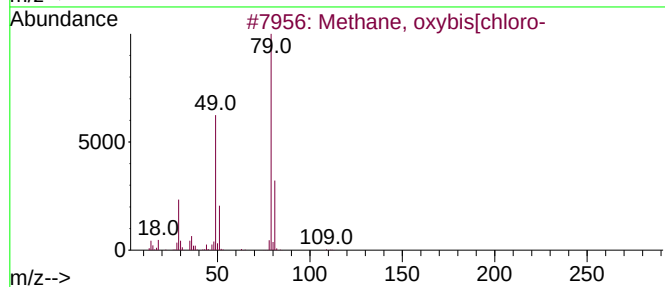
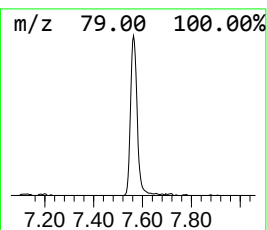
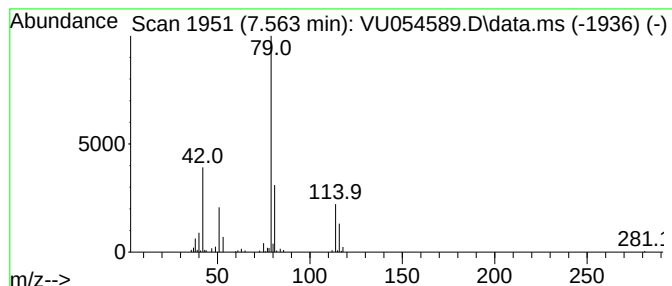
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 7.563 | 1.33 ug/L | 163952 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 25   |
| 2    |    |   | 1,3-Cyclohexadiene                  | 80  | C6H8     | 000592-57-4  | 23   |
| 3    |    |   | 2-Propanol, 1,3-dichloro-           | 128 | C3H6Cl2O | 000096-23-1  | 23   |
| 4    |    |   | 3-Thiatricyclo[3.1.1.0(2,4)]heptane | 112 | C6H8S    | 1000221-37-0 | 9    |
| 5    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 9    |



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Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl ether      | 2.374 | 1.4     | ug/L  | 170321   | 1                     | 6.245 | 614160 | 5.0  |
| unknown-01       | 7.563 | 1.3     | ug/L  | 163952   | 1                     | 6.245 | 614160 | 5.0  |