

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042021\  
 Data File : VU043229.D  
 Acq On : 20 Apr 2021 17:28  
 Operator : SY/MD  
 Sample : M2057-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4460

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\SFAMUTR041521WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU043229.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         | 1.395       | 9             | 17          | 28           | rBV      | 157082         | 164794        | 39.92%          | 5.823%        |
| 2         | 1.600       | 74            | 81          | 93           | rBV      | 28528          | 33479         | 8.11%           | 1.183%        |
| 3         | 1.919       | 172           | 180         | 191          | rVB      | 27620          | 36064         | 8.74%           | 1.274%        |
| 4         | 2.571       | 372           | 383         | 396          | rBV      | 62225          | 101603        | 24.61%          | 3.590%        |
| 5         | 4.661       | 1014          | 1033        | 1073         | rBV2     | 33927          | 156516        | 37.92%          | 5.531%        |
| 6         | 5.073       | 1145          | 1161        | 1180         | rBV      | 59658          | 130362        | 31.58%          | 4.606%        |
| 7         | 5.735       | 1345          | 1367        | 1391         | rBV2     | 116013         | 304192        | 73.69%          | 10.749%       |
| 8         | 6.256       | 1515          | 1529        | 1543         | rBV      | 99164          | 186832        | 45.26%          | 6.602%        |
| 9         | 6.700       | 1653          | 1667        | 1688         | rVB2     | 75740          | 147376        | 35.70%          | 5.208%        |
| 10        | 7.574       | 1925          | 1939        | 1956         | rBV      | 37732          | 64574         | 15.64%          | 2.282%        |
| 11        | 7.906       | 2029          | 2042        | 2059         | rBV      | 135474         | 230291        | 55.79%          | 8.137%        |
| 12        | 8.189       | 2119          | 2130        | 2144         | rVB      | 24177          | 40936         | 9.92%           | 1.447%        |
| 13        | 8.558       | 2237          | 2245        | 2255         | rBV3     | 13632          | 22373         | 5.42%           | 0.791%        |
| 14        | 8.645       | 2258          | 2272        | 2311         | rBV      | 202747         | 412795        | 100.00%         | 14.586%       |
| 15        | 9.423       | 2502          | 2514        | 2535         | rBV      | 146476         | 245108        | 59.38%          | 8.661%        |
| 16        | 10.764      | 2920          | 2931        | 2946         | rBV      | 62055          | 97457         | 23.61%          | 3.444%        |
| 17        | 11.819      | 3247          | 3259        | 3272         | rBV      | 147452         | 231817        | 56.16%          | 8.191%        |
| 18        | 12.198      | 3366          | 3377        | 3392         | rVB      | 138588         | 223429        | 54.13%          | 7.895%        |

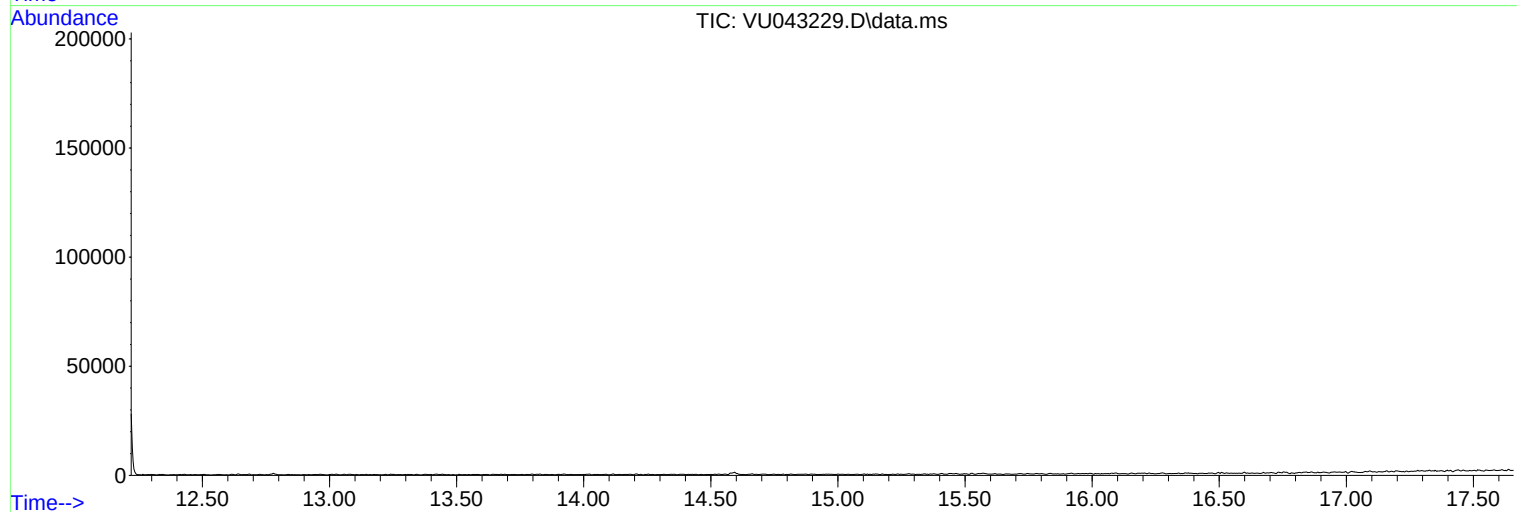
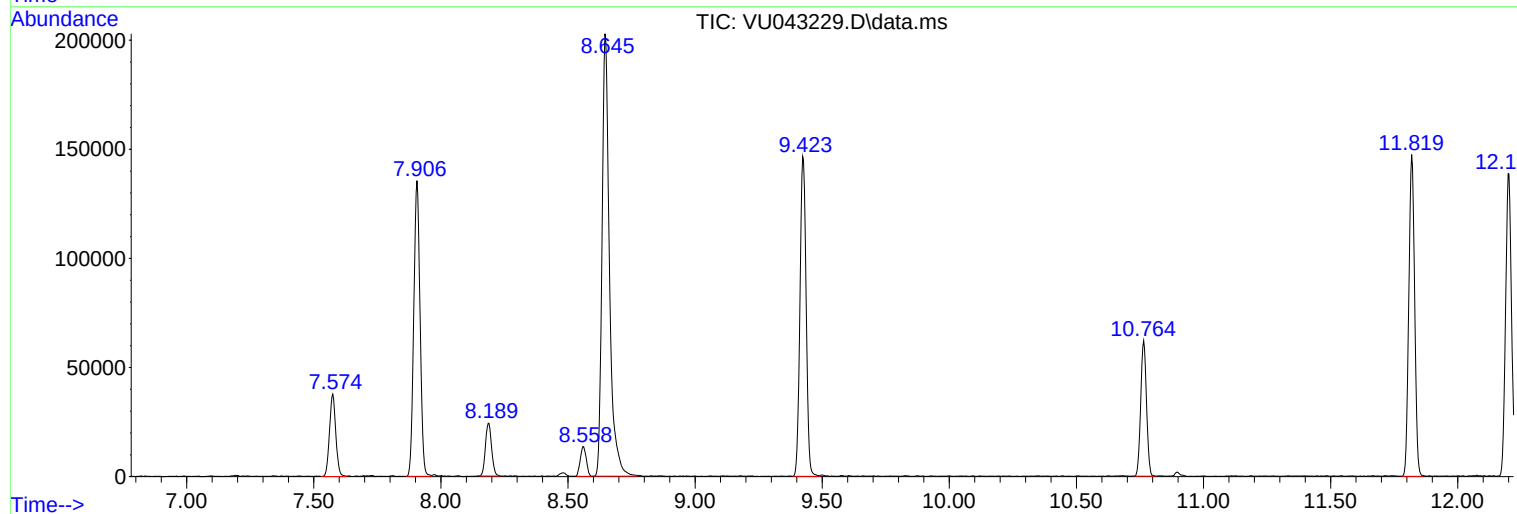
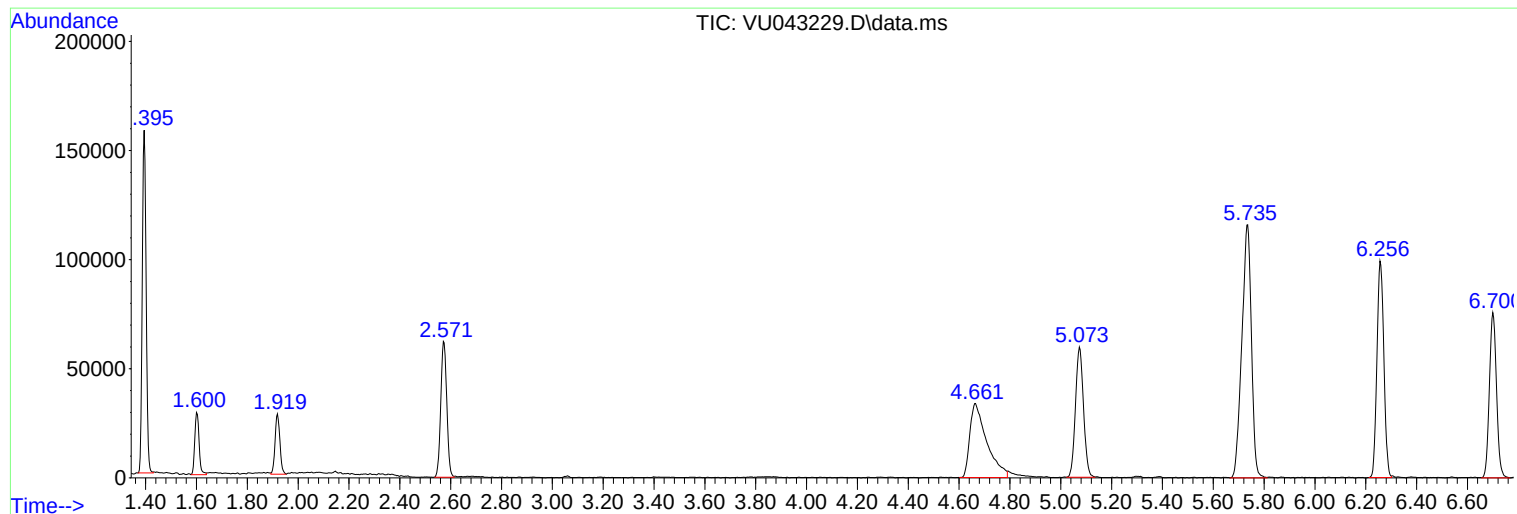
Sum of corrected areas: 2829998

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Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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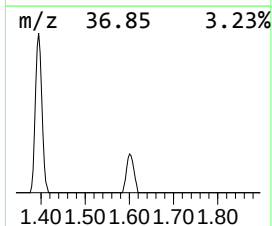
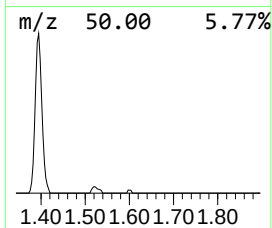
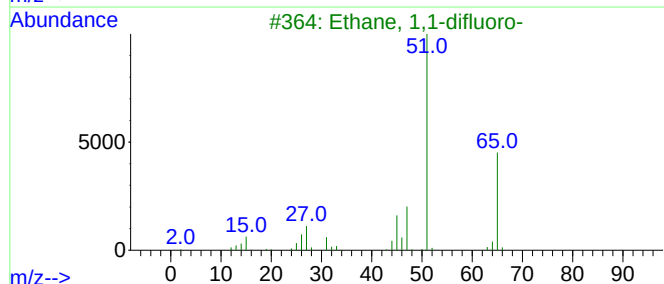
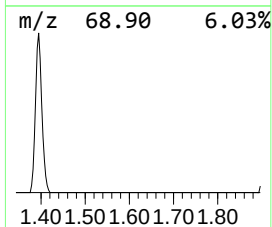
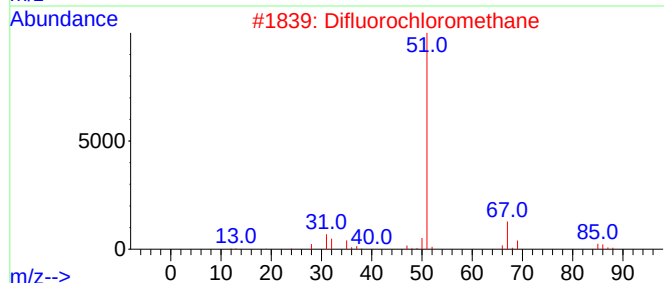
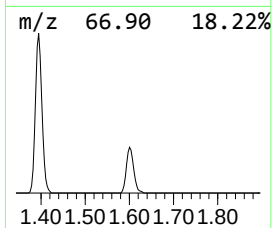
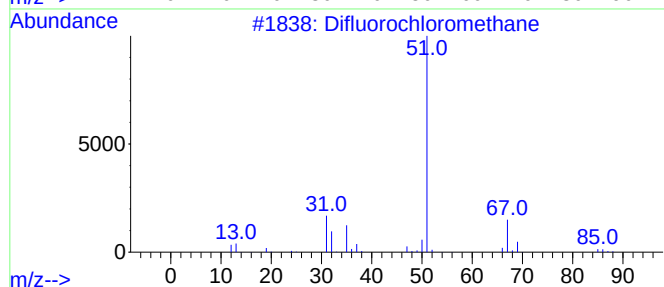
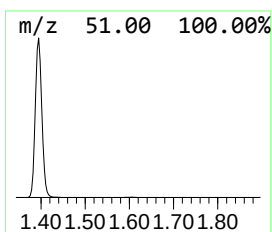
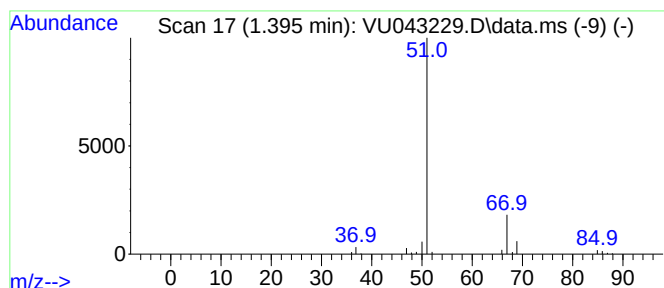
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Difluorochloromethane Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.395 | 4.41 ug/L | 164794 | 1,4-Difluorobenzene | 6.256 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Difluorochloromethane | 86 | CHClF2  | 000075-45-6 | 91   |
| 2    |    |   | Difluorochloromethane | 86 | CHClF2  | 000075-45-6 | 64   |
| 3    |    |   | Ethane, 1,1-difluoro- | 66 | C2H4F2  | 000075-37-6 | 7    |
| 4    |    |   | Ethane, 1,1-difluoro- | 66 | C2H4F2  | 000075-37-6 | 5    |
| 5    |    |   | Ethane, 1,1-difluoro- | 66 | C2H4F2  | 000075-37-6 | 5    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Difluorochlorom... | 1.395 | 4.4     | ug/L  | 164794   | 1                     | 6.256 | 186832 | 5.0  |