

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111922\  
 Data File : VU051948.D  
 Acq On : 19 Nov 2022 12:06  
 Operator : JC/MD  
 Sample : N5693-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBN86

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\SFAMUTR111822WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU051948.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         | 1.601       | 73            | 81          | 92           | rBV      | 136554         | 164417        | 1.77%           | 0.901%        |
| 2         | 1.912       | 169           | 178         | 196          | rBV      | 98958          | 140537        | 1.51%           | 0.770%        |
| 3         | 2.424       | 325           | 337         | 353          | rVB2     | 60887          | 104827        | 1.13%           | 0.575%        |
| 4         | 2.565       | 370           | 381         | 390          | rBV      | 195757         | 320500        | 3.44%           | 1.757%        |
| 5         | 2.620       | 390           | 398         | 420          | rVB      | 311241         | 526437        | 5.65%           | 2.886%        |
| 6         | 3.044       | 515           | 530         | 556          | rBV      | 155210         | 308266        | 3.31%           | 1.690%        |
| 7         | 4.616       | 1007          | 1019        | 1023         | rBV      | 138865         | 239893        | 2.58%           | 1.315%        |
| 8         | 4.665       | 1024          | 1034        | 1058         | rVB2     | 470692         | 1107383       | 11.89%          | 6.071%        |
| 9         | 5.063       | 1141          | 1158        | 1185         | rBV3     | 171609         | 428073        | 4.60%           | 2.347%        |
| 10        | 5.723       | 1343          | 1363        | 1393         | rBV2     | 334160         | 878557        | 9.44%           | 4.816%        |
| 11        | 6.247       | 1510          | 1526        | 1551         | rBV      | 265739         | 516355        | 5.55%           | 2.831%        |
| 12        | 6.539       | 1601          | 1617        | 1651         | rBV      | 5033033        | 9311205       | 100.00%         | 51.046%       |
| 13        | 6.687       | 1652          | 1663        | 1685         | rVB      | 218657         | 432256        | 4.64%           | 2.370%        |
| 14        | 7.565       | 1923          | 1936        | 1950         | rBV      | 95074          | 168281        | 1.81%           | 0.923%        |
| 15        | 7.896       | 2025          | 2039        | 2058         | rBV      | 383147         | 671677        | 7.21%           | 3.682%        |
| 16        | 8.179       | 2115          | 2127        | 2143         | rBV      | 57606          | 98783         | 1.06%           | 0.542%        |
| 17        | 8.629       | 2254          | 2267        | 2296         | rBV2     | 440190         | 856795        | 9.20%           | 4.697%        |
| 18        | 9.414       | 2499          | 2511        | 2537         | rBV      | 386490         | 656533        | 7.05%           | 3.599%        |
| 19        | 10.755      | 2912          | 2928        | 2945         | rBV      | 169492         | 277415        | 2.98%           | 1.521%        |
| 20        | 11.809      | 3240          | 3256        | 3276         | rBV      | 309351         | 501777        | 5.39%           | 2.751%        |
| 21        | 12.189      | 3362          | 3374        | 3398         | rBV      | 315440         | 531009        | 5.70%           | 2.911%        |

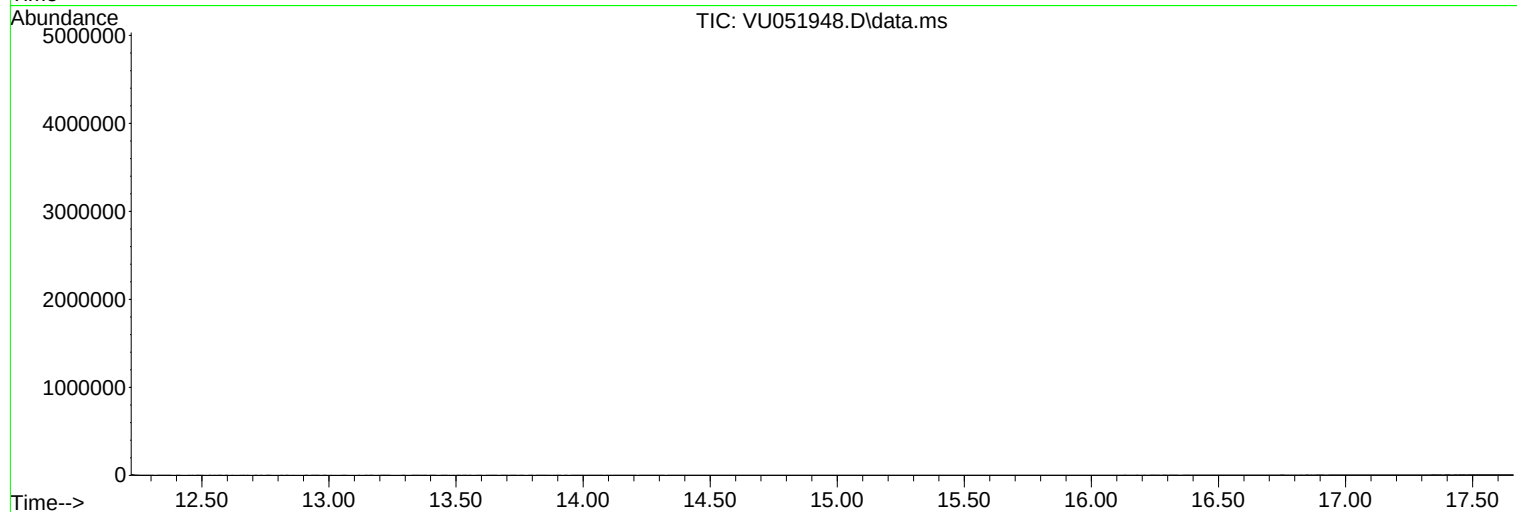
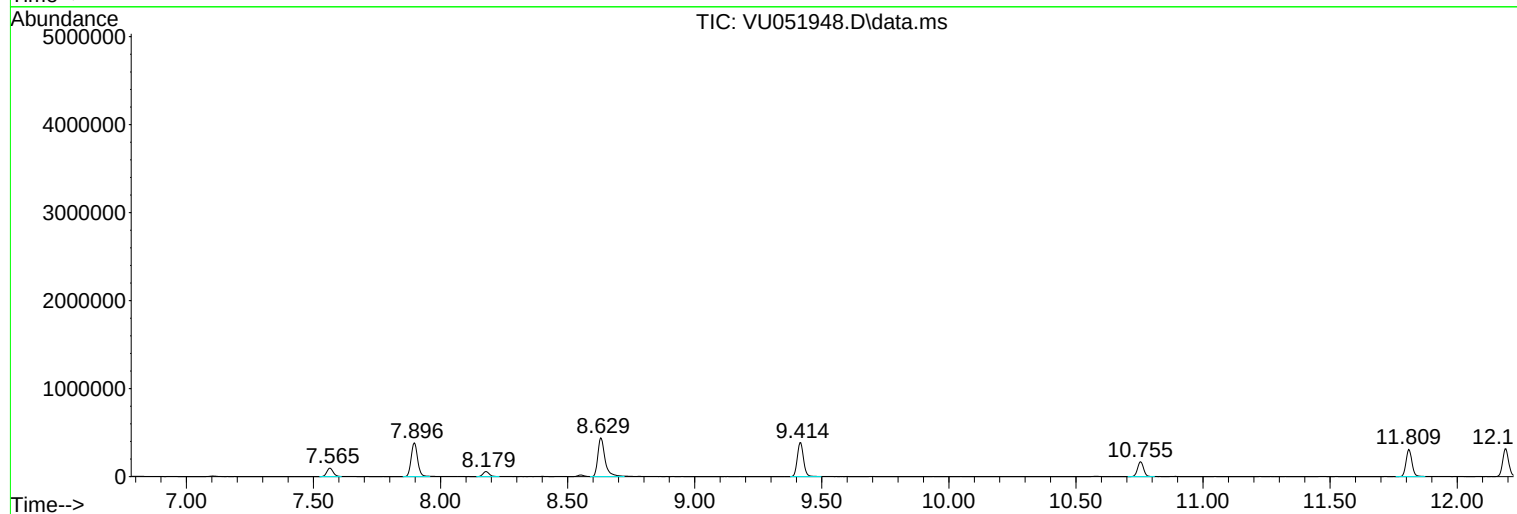
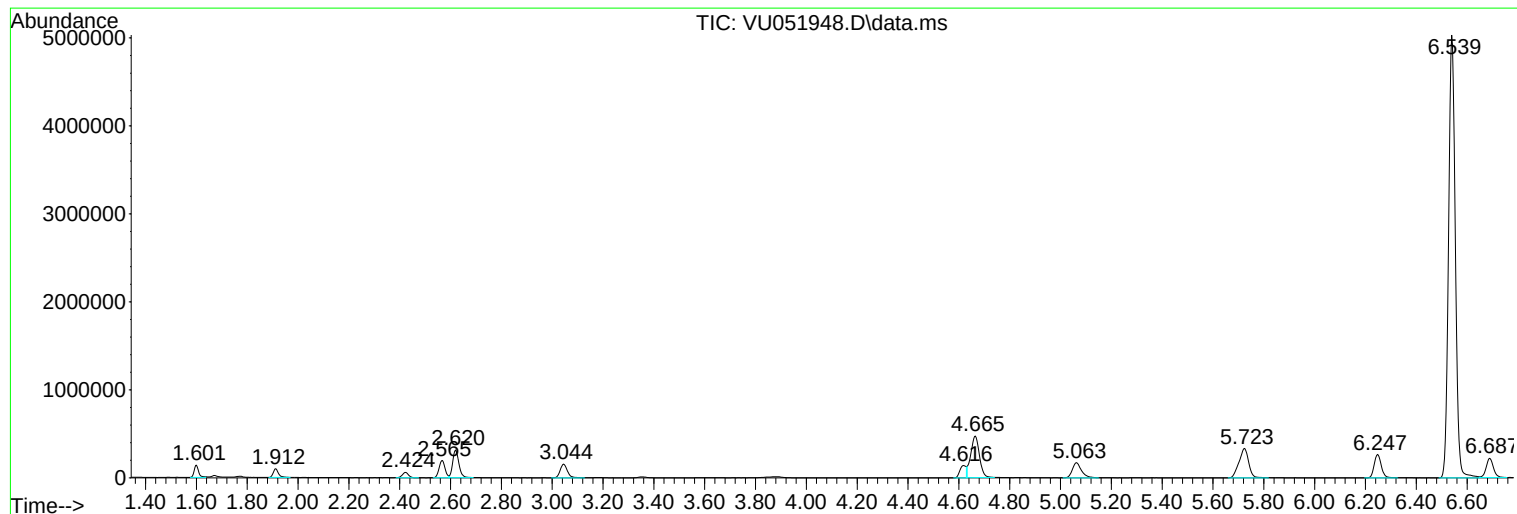
Sum of corrected areas: 18240976

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Instrument :  
MSVOA\_U  
ClientSampleId :  
GBN86

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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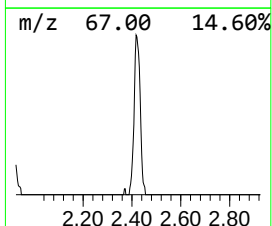
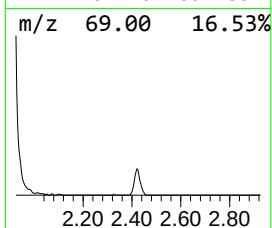
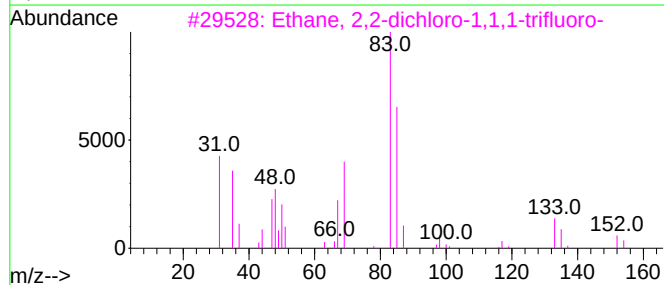
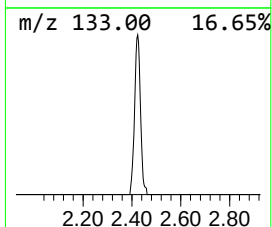
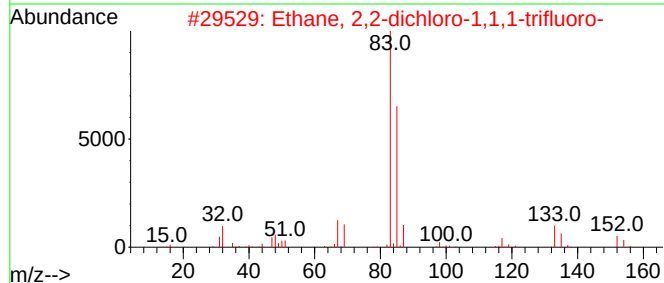
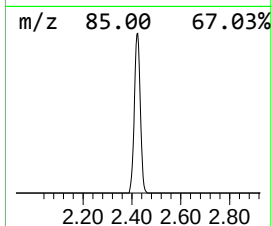
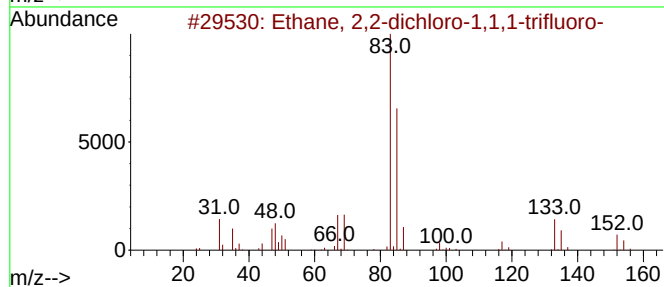
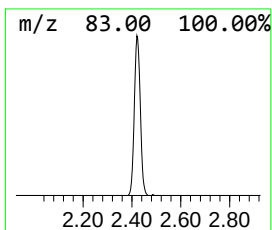
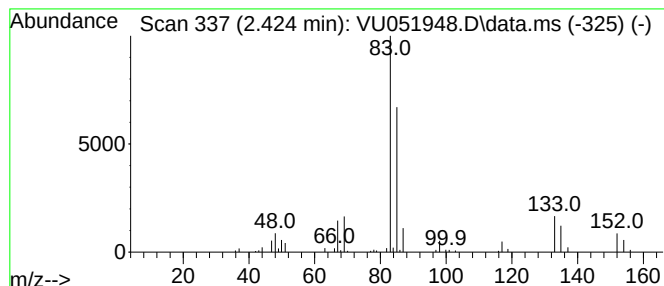
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Ethane, 2,2-dichloro-1,1,1-... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.424 | 1.02 ug/L | 104827 | 1,4-Difluorobenzene | 6.247 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethane, 2,2-dichloro-1,1,1-trifl... | 152 | C2HCl2F3  | 000306-83-2 | 95   |
| 2    |    |   | Ethane, 2,2-dichloro-1,1,1-trifl... | 152 | C2HCl2F3  | 000306-83-2 | 91   |
| 3    |    |   | Ethane, 2,2-dichloro-1,1,1-trifl... | 152 | C2HCl2F3  | 000306-83-2 | 80   |
| 4    |    |   | Ethane, 1,2,2-trichloro-1,1-difl... | 168 | C2HCl3F2  | 000354-21-2 | 64   |
| 5    |    |   | Ethane, 1,1-dichloro-2,2-difluoro-  | 134 | C2H2Cl2F2 | 000471-43-2 | 64   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethane, 2,2-dic... | 2.424 | 1.0     | ug/L  | 104827   | 1                     | 6.247 | 516355 | 5.0  |