

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122222\  
 Data File : VU052487.D  
 Acq On : 22 Dec 2022 13:31  
 Operator : JC/MD  
 Sample : N6170-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBQC0

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\SFAMUTR122022WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU052487.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         | 1.382       | 7             | 13          | 28           | rVB      | 116350         | 128077        | 6.15%           | 0.724%        |
| 2         | 1.601       | 72            | 81          | 99           | rVB2     | 220707         | 271906        | 13.05%          | 1.537%        |
| 3         | 1.932       | 170           | 184         | 203          | rBV2     | 304256         | 511624        | 24.56%          | 2.892%        |
| 4         | 2.575       | 368           | 384         | 396          | rBV2     | 566676         | 1146600       | 55.03%          | 6.480%        |
| 5         | 2.655       | 396           | 409         | 455          | rVB      | 217426         | 860957        | 41.32%          | 4.866%        |
| 6         | 2.954       | 488           | 502         | 521          | rBV      | 56693          | 138004        | 6.62%           | 0.780%        |
| 7         | 3.041       | 521           | 529         | 549          | rVB      | 24042          | 47716         | 2.29%           | 0.270%        |
| 8         | 3.350       | 611           | 625         | 647          | rBV2     | 105921         | 209620        | 10.06%          | 1.185%        |
| 9         | 3.864       | 763           | 785         | 805          | rBV      | 56261          | 135351        | 6.50%           | 0.765%        |
| 10        | 4.658       | 1009          | 1032        | 1064         | rBV2     | 203942         | 688866        | 33.06%          | 3.893%        |
| 11        | 4.970       | 1113          | 1129        | 1143         | rBV      | 131132         | 288355        | 13.84%          | 1.630%        |
| 12        | 5.080       | 1143          | 1163        | 1185         | rVB3     | 312838         | 913115        | 43.83%          | 5.161%        |
| 13        | 5.311       | 1220          | 1235        | 1260         | rVB2     | 69659          | 158849        | 7.62%           | 0.898%        |
| 14        | 5.520       | 1284          | 1300        | 1317         | rBV      | 92136          | 199471        | 9.57%           | 1.127%        |
| 15        | 5.723       | 1341          | 1363        | 1376         | rBV2     | 286743         | 753275        | 36.15%          | 4.257%        |
| 16        | 5.790       | 1376          | 1384        | 1402         | rVB2     | 49089          | 103323        | 4.96%           | 0.584%        |
| 17        | 6.243       | 1510          | 1525        | 1543         | rBV      | 217864         | 415690        | 19.95%          | 2.349%        |
| 18        | 6.539       | 1600          | 1617        | 1638         | rBV2     | 106447         | 202289        | 9.71%           | 1.143%        |
| 19        | 6.687       | 1648          | 1663        | 1688         | rBV      | 189954         | 372793        | 17.89%          | 2.107%        |
| 20        | 7.218       | 1812          | 1828        | 1844         | rBV3     | 10416          | 21487         | 1.03%           | 0.121%        |
| 21        | 7.562       | 1923          | 1935        | 1940         | rBV      | 84075          | 137241        | 6.59%           | 0.776%        |
| 22        | 7.604       | 1940          | 1948        | 1970         | rVB      | 185062         | 328231        | 15.75%          | 1.855%        |
| 23        | 7.790       | 1992          | 2006        | 2027         | rBV      | 1147750        | 2083533       | 100.00%         | 11.776%       |
| 24        | 7.893       | 2027          | 2038        | 2056         | rVB      | 374652         | 648216        | 31.11%          | 3.664%        |
| 25        | 8.176       | 2112          | 2126        | 2130         | rBV2     | 58895          | 94412         | 4.53%           | 0.534%        |
| 26        | 8.205       | 2130          | 2135        | 2150         | rVB2     | 86855          | 144923        | 6.96%           | 0.819%        |
| 27        | 8.394       | 2183          | 2194        | 2209         | rVB2     | 87407          | 147520        | 7.08%           | 0.834%        |
| 28        | 8.549       | 2230          | 2242        | 2255         | rBV      | 161579         | 273903        | 13.15%          | 1.548%        |
| 29        | 8.632       | 2255          | 2268        | 2298         | rBV      | 498687         | 961573        | 46.15%          | 5.435%        |
| 30        | 8.919       | 2343          | 2357        | 2375         | rBV      | 89391          | 154449        | 7.41%           | 0.873%        |
| 31        | 9.414       | 2497          | 2511        | 2514         | rBV      | 333907         | 490521        | 23.54%          | 2.772%        |
| 32        | 9.443       | 2515          | 2520        | 2540         | rVB      | 491840         | 765245        | 36.73%          | 4.325%        |
| 33        | 10.285      | 2770          | 2782        | 2797         | rBV      | 52648          | 87969         | 4.22%           | 0.497%        |
| 34        | 10.751      | 2915          | 2927        | 2947         | rBV3     | 146894         | 322070        | 15.46%          | 1.820%        |
| 35        | 11.465      | 3137          | 3149        | 3168         | rBV      | 362487         | 563856        | 27.06%          | 3.187%        |
| 36        | 11.742      | 3223          | 3235        | 3245         | rBV      | 234275         | 371279        | 17.82%          | 2.098%        |

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Sample : N6170-13  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GBQC0

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\SFAMUTR122022WMA.M  
Title : TRACE VOA SFAM1.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 11.809 | 3245 | 3256 | 3277 | rVB2 | 344495 | 774620 | 37.18% | 4.378% |
| 38 | 12.189 | 3361 | 3374 | 3388 | rBV  | 309518 | 502512 | 24.12% | 2.840% |
| 39 | 13.214 | 3681 | 3693 | 3712 | rBV  | 353444 | 564844 | 27.11% | 3.192% |
| 40 | 13.835 | 3874 | 3886 | 3904 | rBV  | 283993 | 453189 | 21.75% | 2.561% |
| 41 | 14.324 | 4026 | 4038 | 4060 | rBV2 | 154953 | 256298 | 12.30% | 1.449% |

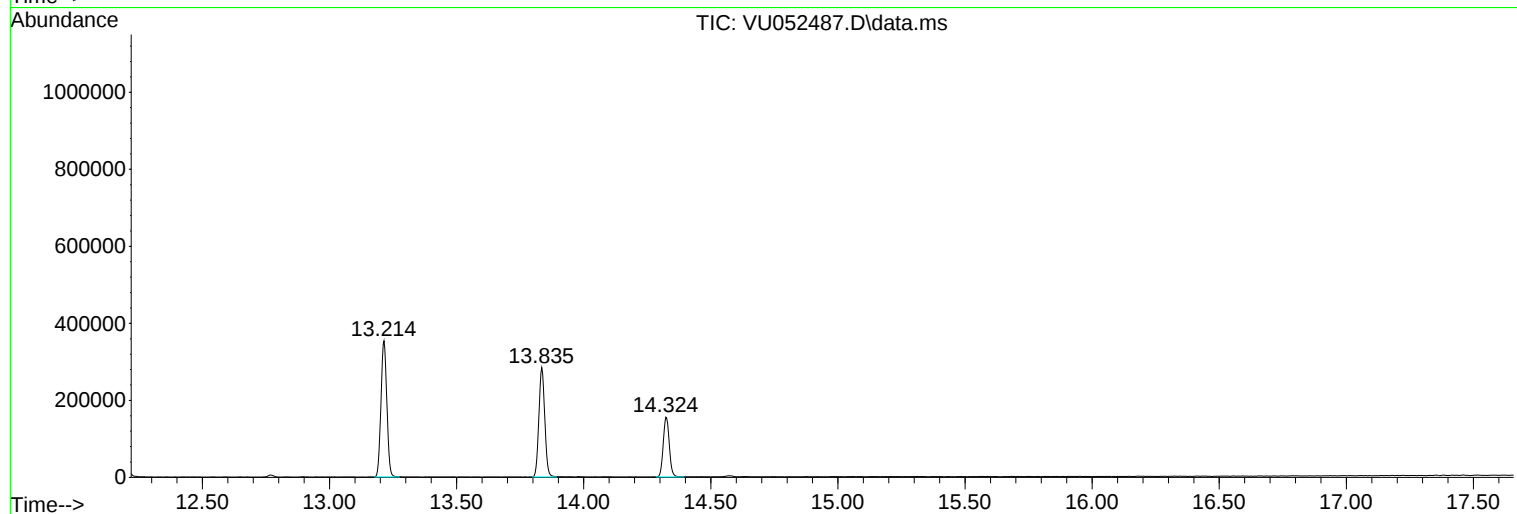
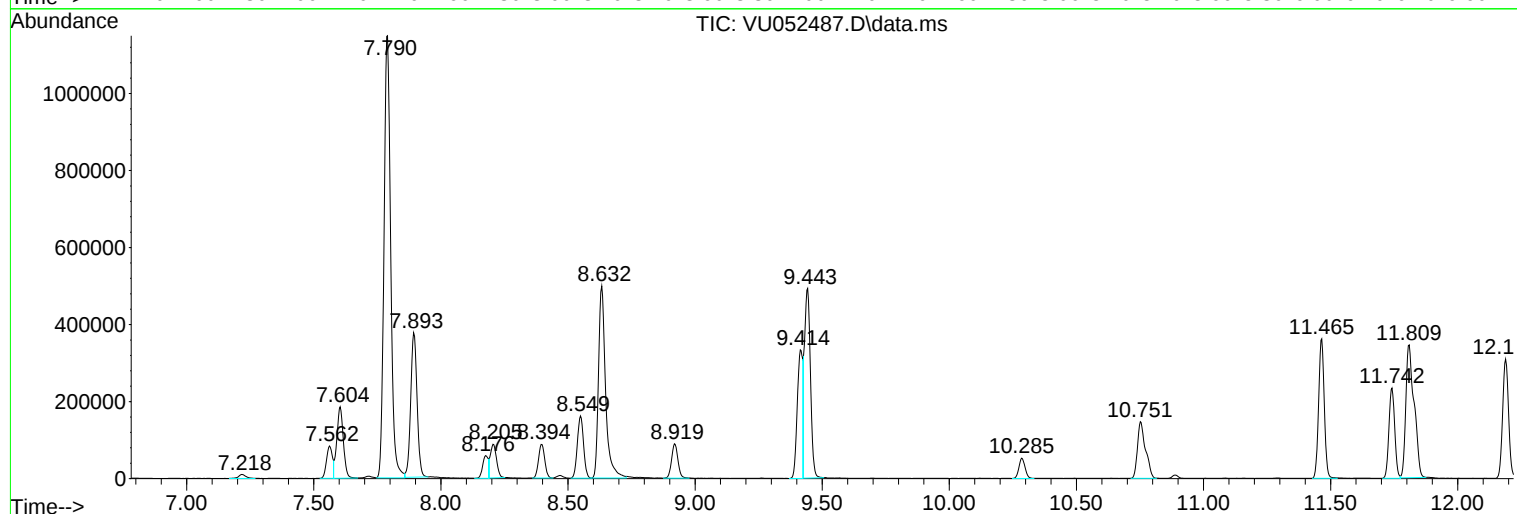
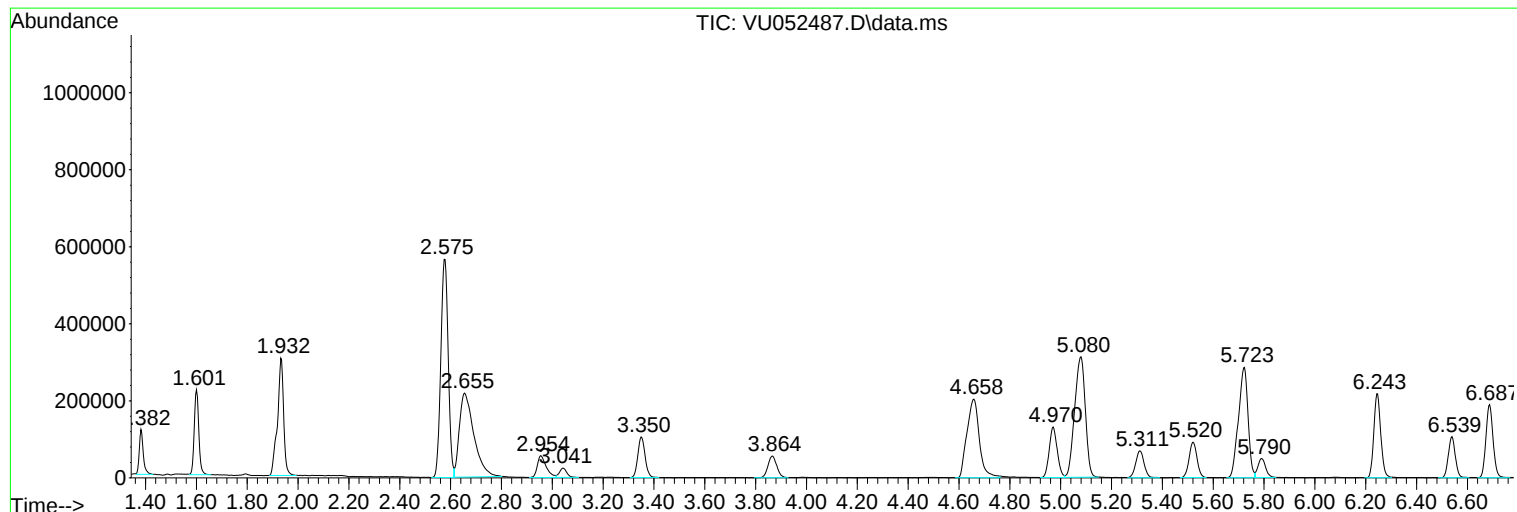
Sum of corrected areas: 17693772

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MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Data File : VU052487.D  
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Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GBQC0

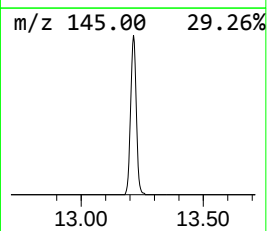
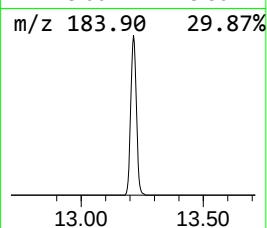
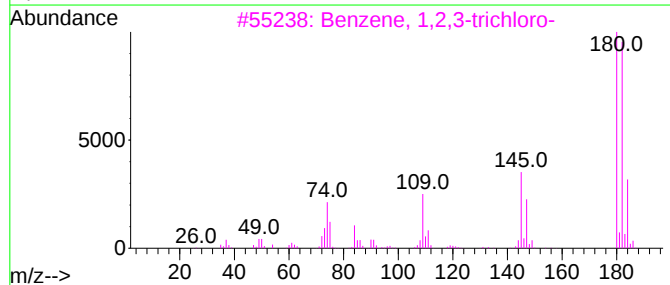
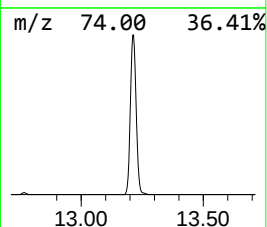
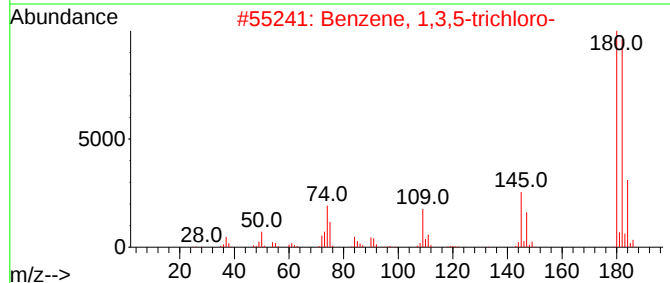
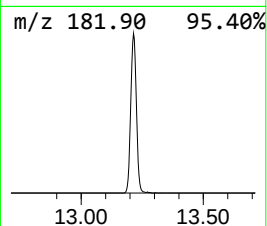
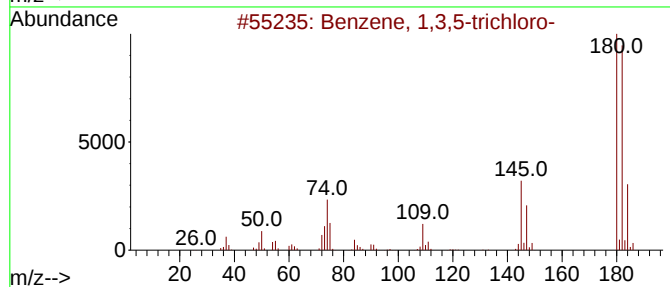
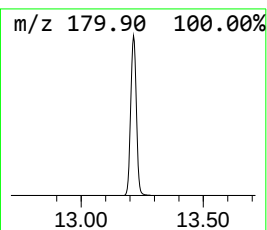
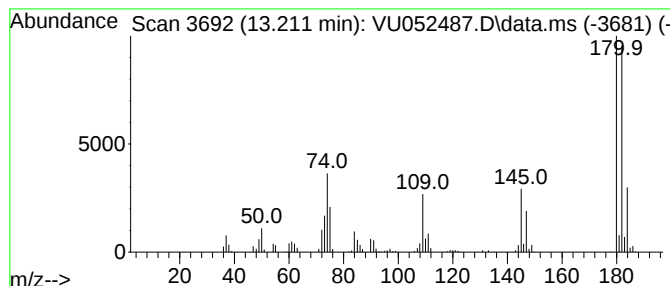
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Benzene, 1,3,5-trichloro- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.214 | 3.65 ug/L | 564844 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 2    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 3    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 96   |
| 4    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 96   |
| 5    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
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 |
| Benzene, 1,3,5-... | 13.214 | 3.6     | ug/L  | 564844   | 3                     | 11.806 | 774620 | 5.0  |