

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111022\  
 Data File : VU051801.D  
 Acq On : 10 Nov 2022 15:14  
 Operator : JC/MD  
 Sample : N5571-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBMW6

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\SFAMUTR102822WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU051801.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         | 1.385       | 7             | 14          | 36           | rVB      | 81753          | 99977         | 4.65%           | 0.410%        |
| 2         | 1.481       | 37            | 44          | 50           | rBV      | 75397          | 81343         | 3.78%           | 0.333%        |
| 3         | 1.530       | 50            | 59          | 71           | rVB      | 182680         | 291532        | 13.56%          | 1.195%        |
| 4         | 1.600       | 72            | 81          | 101          | rBV2     | 275127         | 386617        | 17.98%          | 1.585%        |
| 5         | 1.854       | 153           | 160         | 170          | rVV      | 91149          | 115108        | 5.35%           | 0.472%        |
| 6         | 1.912       | 170           | 178         | 180          | rVV      | 91153          | 111359        | 5.18%           | 0.457%        |
| 7         | 1.928       | 180           | 183         | 212          | rVB      | 122404         | 165990        | 7.72%           | 0.680%        |
| 8         | 2.137       | 237           | 248         | 269          | rVB      | 472285         | 694295        | 32.29%          | 2.846%        |
| 9         | 2.575       | 369           | 384         | 403          | rBV4     | 618262         | 1188498       | 55.28%          | 4.872%        |
| 10        | 3.044       | 516           | 530         | 554          | rBV      | 168295         | 320529        | 14.91%          | 1.314%        |
| 11        | 3.356       | 611           | 627         | 654          | rBV2     | 472904         | 1072825       | 49.90%          | 4.398%        |
| 12        | 3.864       | 760           | 785         | 808          | rBV      | 5944           | 25094         | 1.17%           | 0.103%        |
| 13        | 4.629       | 1010          | 1023        | 1024         | rBV      | 140876         | 206792        | 9.62%           | 0.848%        |
| 14        | 4.665       | 1027          | 1034        | 1064         | rVB      | 267607         | 612368        | 28.48%          | 2.510%        |
| 15        | 4.973       | 1117          | 1130        | 1144         | rBV2     | 60930          | 134527        | 6.26%           | 0.552%        |
| 16        | 5.079       | 1144          | 1163        | 1184         | rVB3     | 252928         | 793335        | 36.90%          | 3.252%        |
| 17        | 5.314       | 1219          | 1236        | 1253         | rBV      | 219969         | 494758        | 23.01%          | 2.028%        |
| 18        | 5.523       | 1284          | 1301        | 1320         | rBV      | 201812         | 441796        | 20.55%          | 1.811%        |
| 19        | 5.722       | 1341          | 1363        | 1376         | rBV2     | 327444         | 843627        | 39.24%          | 3.459%        |
| 20        | 5.793       | 1376          | 1385        | 1409         | rVB      | 137744         | 278499        | 12.95%          | 1.142%        |
| 21        | 6.247       | 1509          | 1526        | 1546         | rBV      | 260463         | 497281        | 23.13%          | 2.039%        |
| 22        | 6.539       | 1602          | 1617        | 1642         | rBV      | 511380         | 970633        | 45.15%          | 3.979%        |
| 23        | 6.690       | 1650          | 1664        | 1680         | rBV      | 208742         | 406621        | 18.91%          | 1.667%        |
| 24        | 6.790       | 1682          | 1695        | 1713         | rVB      | 267781         | 501773        | 23.34%          | 2.057%        |
| 25        | 7.105       | 1778          | 1793        | 1807         | rBV      | 85574          | 154774        | 7.20%           | 0.635%        |
| 26        | 7.565       | 1924          | 1936        | 1943         | rBV      | 95420          | 165536        | 7.70%           | 0.679%        |
| 27        | 7.607       | 1943          | 1949        | 1966         | rVB      | 74722          | 129874        | 6.04%           | 0.532%        |
| 28        | 7.896       | 2026          | 2039        | 2051         | rBV      | 375042         | 649813        | 30.22%          | 2.664%        |
| 29        | 7.967       | 2051          | 2061        | 2082         | rVB      | 334603         | 586984        | 27.30%          | 2.406%        |
| 30        | 8.179       | 2116          | 2127        | 2146         | rBV      | 58156          | 99242         | 4.62%           | 0.407%        |
| 31        | 8.398       | 2182          | 2195        | 2223         | rBV      | 417336         | 721512        | 33.56%          | 2.958%        |
| 32        | 8.552       | 2230          | 2243        | 2257         | rBV2     | 381205         | 641433        | 29.83%          | 2.630%        |
| 33        | 8.632       | 2257          | 2268        | 2305         | rVB      | 457609         | 852307        | 39.64%          | 3.494%        |
| 34        | 8.809       | 2310          | 2323        | 2343         | rVB      | 211635         | 368474        | 17.14%          | 1.511%        |
| 35        | 9.417       | 2497          | 2512        | 2543         | rBV      | 365747         | 625074        | 29.07%          | 2.563%        |
| 36        | 9.568       | 2545          | 2559        | 2590         | rBV      | 1373753        | 2150019       | 100.00%         | 8.814%        |

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Filtering: 5

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Title : TRACE VOA SFAM1.0

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.105 | 2711 | 2726 | 2770 | rBV3 | 502022 | 1038869 | 48.32% | 4.259% |
| 38 | 10.484 | 2830 | 2844 | 2871 | rBV  | 994583 | 1566131 | 72.84% | 6.421% |
| 39 | 10.780 | 2914 | 2936 | 2963 | rBV2 | 586881 | 1226130 | 57.03% | 5.027% |
| 40 | 11.465 | 3137 | 3149 | 3169 | rBV  | 529898 | 826318  | 38.43% | 3.388% |
| 41 | 11.745 | 3223 | 3236 | 3246 | rBV2 | 203009 | 321561  | 14.96% | 1.318% |
| 42 | 11.809 | 3246 | 3256 | 3277 | rVB  | 374587 | 611576  | 28.45% | 2.507% |
| 43 | 12.195 | 3361 | 3376 | 3402 | rBV3 | 410777 | 921789  | 42.87% | 3.779% |

Sum of corrected areas: 24392593



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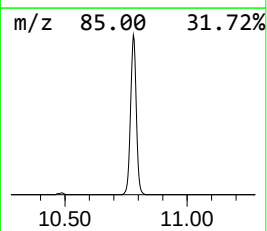
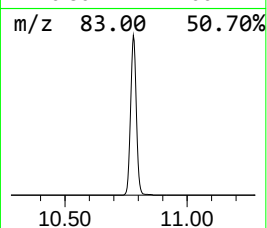
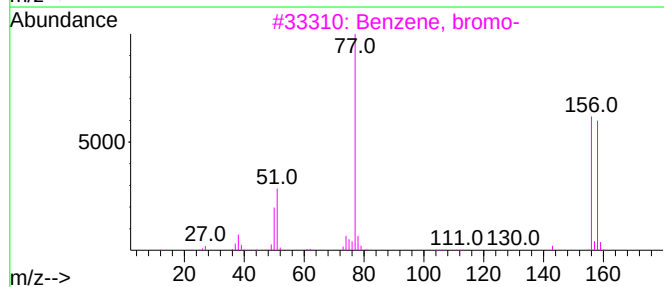
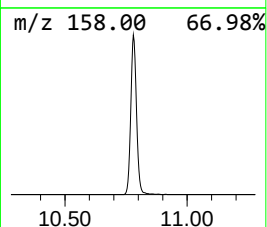
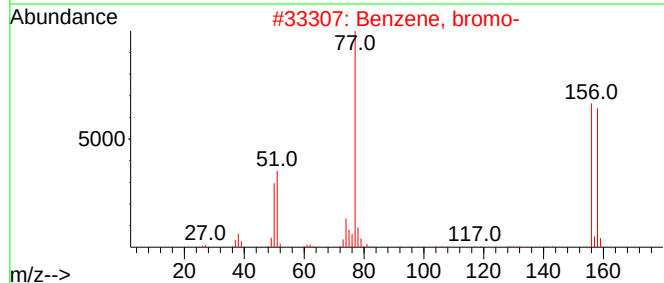
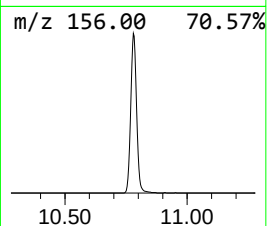
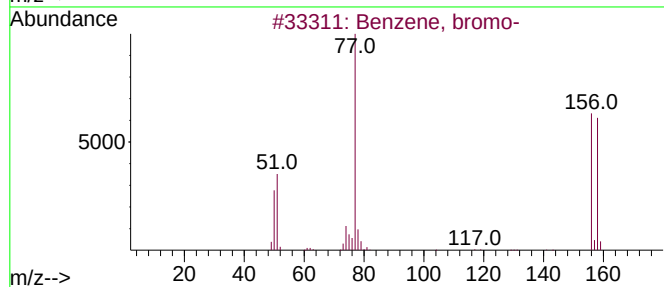
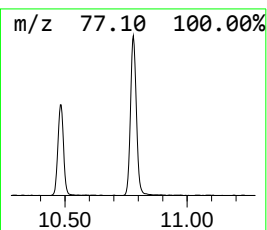
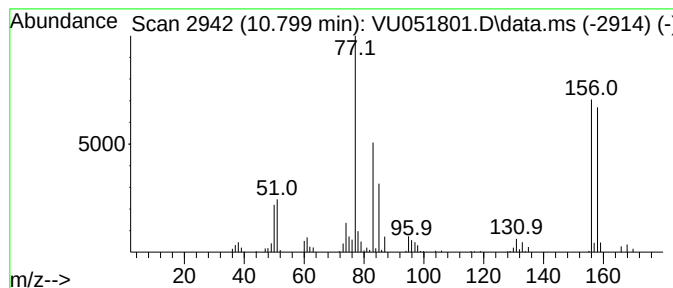
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Benzene, bromo- Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 10.780 | 10.02 ug/L | 1226130 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 93   |
| 2    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 93   |
| 3    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 93   |
| 4    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 89   |
| 5    |    |   | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 76   |



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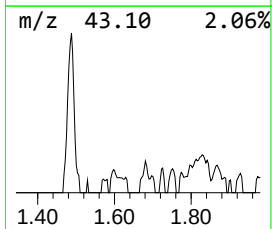
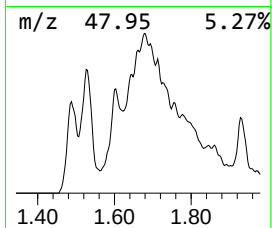
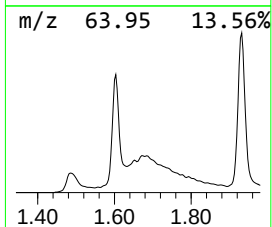
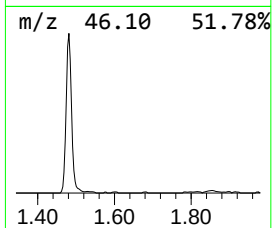
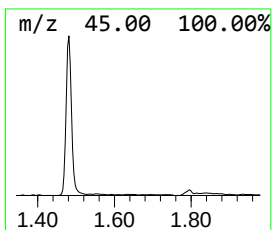
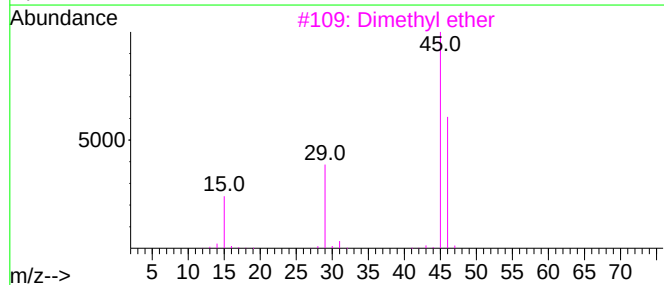
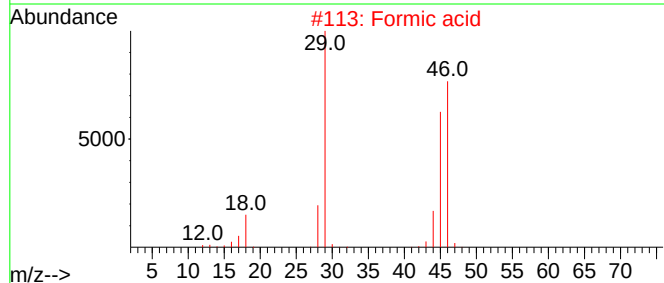
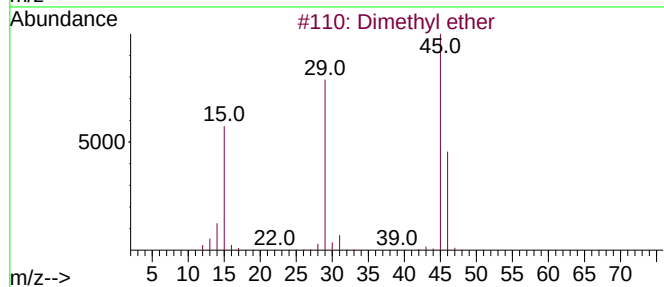
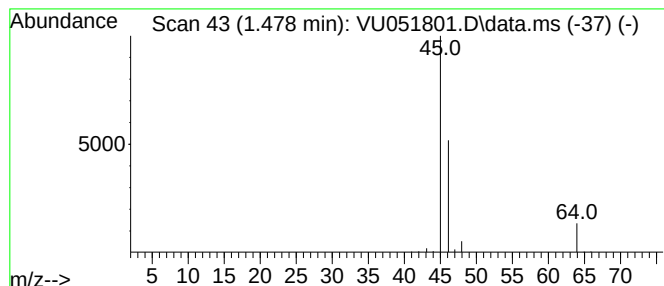
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Dimethyl ether Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.481 | 0.82 ug/L | 81343 | 1,4-Difluorobenzene | 6.247 |

| Hit# | of | 5 | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl ether     | 46 | C2H6O   | 000115-10-6 | 50   |
| 2    |    |   | Formic acid        | 46 | CH2O2   | 000064-18-6 | 38   |
| 3    |    |   | Dimethyl ether     | 46 | C2H6O   | 000115-10-6 | 9    |
| 4    |    |   | Hydrazine, methyl- | 46 | CH6N2   | 000060-34-4 | 7    |
| 5    |    |   | Acetone-D6         | 64 | C3D6O   | 000666-52-4 | 7    |



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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 |
| Benzene, bromo-  | 10.780 | 10.0    | ug/L  | 1226130  | 3                     | 11.809 | 611576 | 5.0  |
| Dimethyl ether   | 1.481  | 0.8     | ug/L  | 81343    | 1                     | 6.247  | 497281 | 5.0  |