

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072424\  
 Data File : VU060153.D  
 Acq On : 24 Jul 2024 15:03  
 Operator : MD/SY  
 Sample : P3244-06DL 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YDZF1DL

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\SFAMUTR071824WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU060153.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         | 1.596       | 86            | 95          | 113          | rBV      | 63749          | 87447         | 14.20%          | 1.307%        |
| 2         | 1.907       | 183           | 192         | 209          | rBV      | 57035          | 99971         | 16.23%          | 1.494%        |
| 3         | 2.554       | 381           | 393         | 413          | rBV      | 117345         | 193257        | 31.38%          | 2.887%        |
| 4         | 3.036       | 532           | 543         | 558          | rBV3     | 13334          | 26702         | 4.34%           | 0.399%        |
| 5         | 3.174       | 572           | 586         | 612          | rBV      | 29389          | 71805         | 11.66%          | 1.073%        |
| 6         | 4.634       | 1029          | 1040        | 1077         | rBV      | 75723          | 245978        | 39.94%          | 3.675%        |
| 7         | 5.055       | 1155          | 1171        | 1200         | rBV      | 107991         | 242826        | 39.43%          | 3.628%        |
| 8         | 5.718       | 1357          | 1377        | 1408         | rBV3     | 223003         | 577097        | 93.71%          | 8.622%        |
| 9         | 6.242       | 1522          | 1540        | 1563         | rBV      | 180780         | 350035        | 56.84%          | 5.230%        |
| 10        | 6.682       | 1663          | 1677        | 1692         | rBV      | 136023         | 269554        | 43.77%          | 4.027%        |
| 11        | 7.560       | 1936          | 1950        | 1969         | rBV      | 58023          | 106779        | 17.34%          | 1.595%        |
| 12        | 7.891       | 2041          | 2053        | 2074         | rBV      | 252660         | 442253        | 71.81%          | 6.608%        |
| 13        | 8.177       | 2127          | 2142        | 2156         | rBV2     | 35839          | 62561         | 10.16%          | 0.935%        |
| 14        | 8.634       | 2270          | 2284        | 2326         | rBV      | 279228         | 615843        | 100.00%         | 9.201%        |
| 15        | 9.412       | 2514          | 2526        | 2531         | rBV      | 277035         | 460036        | 74.70%          | 6.873%        |
| 16        | 9.698       | 2606          | 2615        | 2632         | rVB3     | 4985           | 9643          | 1.57%           | 0.144%        |
| 17        | 10.479      | 2848          | 2858        | 2871         | rBV      | 19788          | 30549         | 4.96%           | 0.456%        |
| 18        | 10.753      | 2931          | 2943        | 2955         | rBV      | 117131         | 186651        | 30.31%          | 2.789%        |
| 19        | 10.901      | 2977          | 2989        | 3007         | rBV      | 29437          | 47213         | 7.67%           | 0.705%        |
| 20        | 11.020      | 3017          | 3026        | 3039         | rBV2     | 12527          | 19270         | 3.13%           | 0.288%        |
| 21        | 11.296      | 3101          | 3112        | 3124         | rVB4     | 7312           | 11048         | 1.79%           | 0.165%        |
| 22        | 11.463      | 3154          | 3164        | 3179         | rVB2     | 48502          | 75084         | 12.19%          | 1.122%        |
| 23        | 11.608      | 3196          | 3209        | 3212         | rBV4     | 5203           | 7837          | 1.27%           | 0.117%        |
| 24        | 11.637      | 3212          | 3218        | 3230         | rVB      | 16871          | 24785         | 4.02%           | 0.370%        |
| 25        | 11.807      | 3258          | 3271        | 3289         | rBV      | 269876         | 458464        | 74.44%          | 6.850%        |
| 26        | 11.891      | 3289          | 3297        | 3310         | rVB2     | 17863          | 28673         | 4.66%           | 0.428%        |
| 27        | 12.090      | 3348          | 3359        | 3374         | rBV3     | 44558          | 69880         | 11.35%          | 1.044%        |
| 28        | 12.187      | 3374          | 3389        | 3411         | rVV      | 260092         | 455193        | 73.91%          | 6.801%        |
| 29        | 12.296      | 3415          | 3423        | 3433         | rVB5     | 5662           | 9182          | 1.49%           | 0.137%        |
| 30        | 12.463      | 3466          | 3475        | 3479         | rBV3     | 5106           | 7430          | 1.21%           | 0.111%        |
| 31        | 12.566      | 3493          | 3507        | 3514         | rBV2     | 36513          | 57033         | 9.26%           | 0.852%        |
| 32        | 12.608      | 3514          | 3520        | 3530         | rVV      | 24719          | 37696         | 6.12%           | 0.563%        |
| 33        | 12.675      | 3530          | 3541        | 3558         | rVV2     | 66526          | 118001        | 19.16%          | 1.763%        |
| 34        | 12.759      | 3558          | 3567        | 3575         | rVB7     | 4746           | 7218          | 1.17%           | 0.108%        |
| 35        | 12.862      | 3588          | 3599        | 3612         | rBV5     | 14753          | 25197         | 4.09%           | 0.376%        |
| 36        | 12.968      | 3623          | 3632        | 3642         | rVV      | 23835          | 35085         | 5.70%           | 0.524%        |

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 ClientSampleId :  
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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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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\SFAMUTR071824WMA.M  
 Title : TRACE VOA SFAM1.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.023 | 3642 | 3649 | 3659 | rVB2 | 10306  | 14464  | 2.35%  | 0.216% |
| 38 | 13.113 | 3668 | 3677 | 3689 | rBV5 | 5120   | 8220   | 1.33%  | 0.123% |
| 39 | 13.248 | 3711 | 3719 | 3725 | rBV3 | 7414   | 10652  | 1.73%  | 0.159% |
| 40 | 13.290 | 3725 | 3732 | 3739 | rVV2 | 11601  | 17633  | 2.86%  | 0.263% |
| 41 | 13.450 | 3768 | 3782 | 3797 | rVB3 | 69838  | 114958 | 18.67% | 1.718% |
| 42 | 13.621 | 3825 | 3835 | 3847 | rVB3 | 16039  | 26614  | 4.32%  | 0.398% |
| 43 | 13.778 | 3876 | 3884 | 3892 | rVV3 | 6089   | 9860   | 1.60%  | 0.147% |
| 44 | 13.836 | 3892 | 3902 | 3911 | rVV6 | 17607  | 30310  | 4.92%  | 0.453% |
| 45 | 13.904 | 3911 | 3923 | 3927 | rVV4 | 10849  | 20178  | 3.28%  | 0.301% |
| 46 | 13.936 | 3927 | 3933 | 3949 | rVB4 | 15912  | 28705  | 4.66%  | 0.429% |
| 47 | 14.090 | 3973 | 3981 | 3991 | rBV2 | 7369   | 12283  | 1.99%  | 0.184% |
| 48 | 14.280 | 4028 | 4040 | 4048 | rBV5 | 7166   | 10919  | 1.77%  | 0.163% |
| 49 | 14.338 | 4048 | 4058 | 4068 | rVB7 | 6616   | 12403  | 2.01%  | 0.185% |
| 50 | 14.479 | 4092 | 4102 | 4111 | rBV3 | 9045   | 13609  | 2.21%  | 0.203% |
| 51 | 14.666 | 4151 | 4160 | 4173 | rVB5 | 10989  | 22819  | 3.71%  | 0.341% |
| 52 | 14.801 | 4194 | 4202 | 4212 | rBV2 | 5695   | 8592   | 1.40%  | 0.128% |
| 53 | 14.868 | 4215 | 4223 | 4233 | rVB2 | 10792  | 15572  | 2.53%  | 0.233% |
| 54 | 15.013 | 4258 | 4268 | 4279 | rBV6 | 9859   | 16074  | 2.61%  | 0.240% |
| 55 | 15.216 | 4320 | 4331 | 4358 | rVB  | 157190 | 259582 | 42.15% | 3.878% |
| 56 | 15.402 | 4376 | 4389 | 4402 | rBV  | 259307 | 423480 | 68.76% | 6.327% |
| 57 | 15.920 | 4543 | 4550 | 4558 | rVB4 | 4308   | 6324   | 1.03%  | 0.094% |
| 58 | 16.145 | 4614 | 4620 | 4627 | rBV5 | 3942   | 6254   | 1.02%  | 0.093% |
| 59 | 16.261 | 4650 | 4656 | 4670 | rVB8 | 6240   | 11527  | 1.87%  | 0.172% |
| 60 | 16.405 | 4692 | 4701 | 4710 | rBV3 | 11856  | 18738  | 3.04%  | 0.280% |

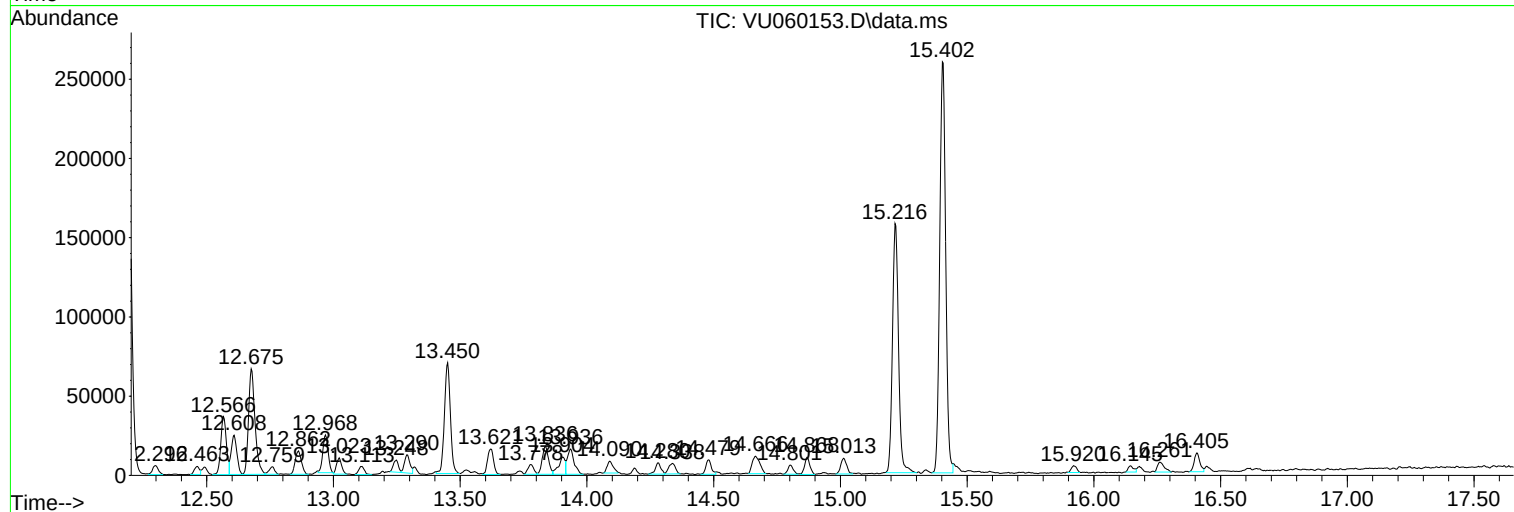
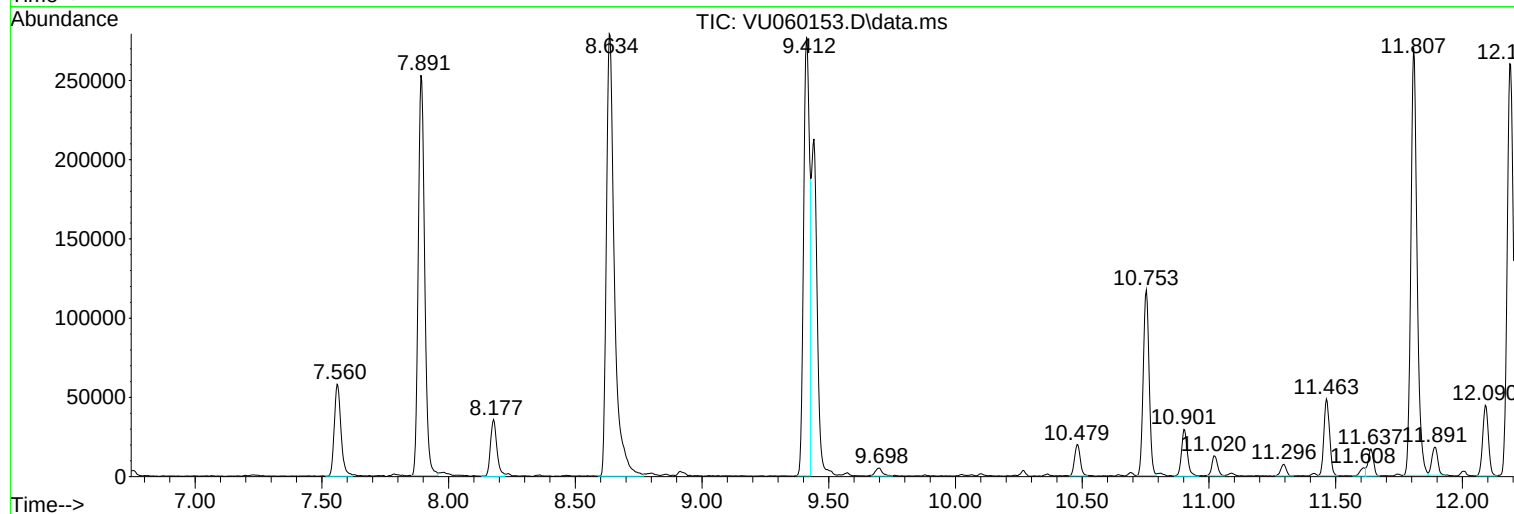
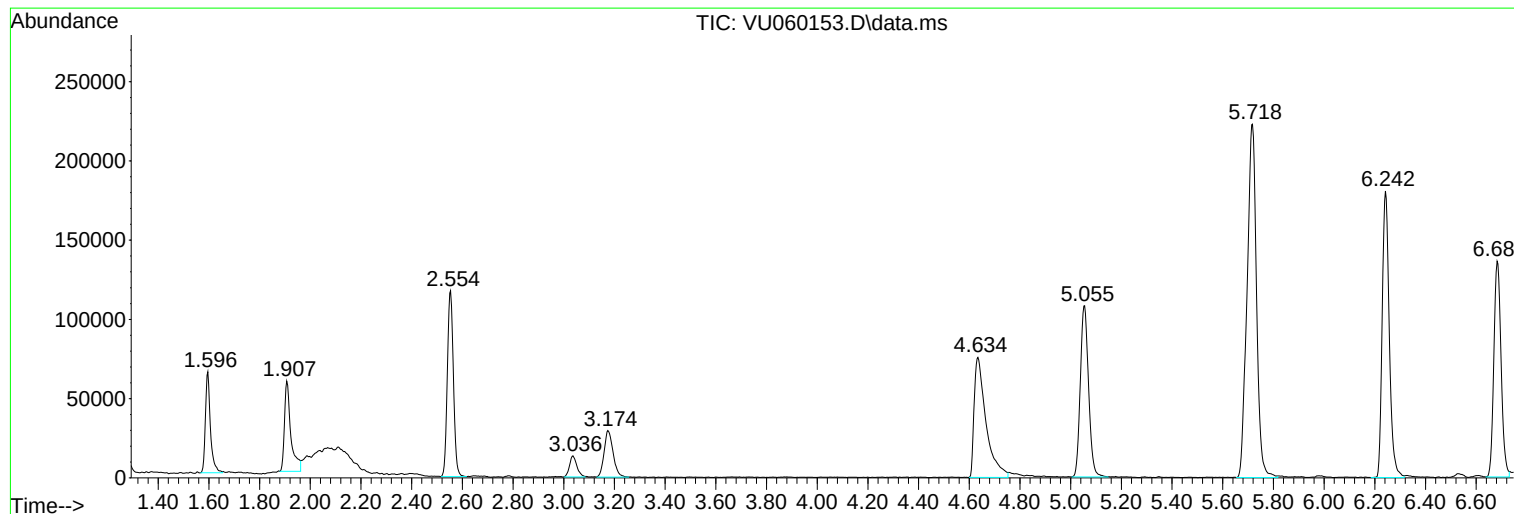
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072424\  
Data File : VU060153.D  
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Operator : MD/SY  
Sample : P3244-06DL 40X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

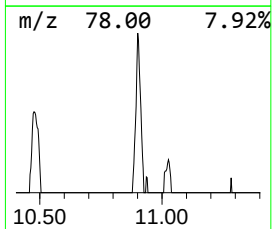
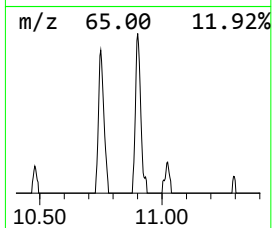
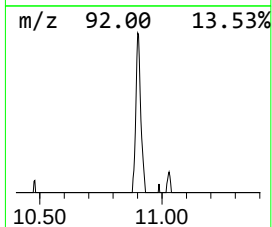
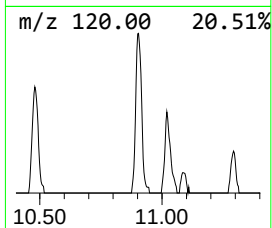
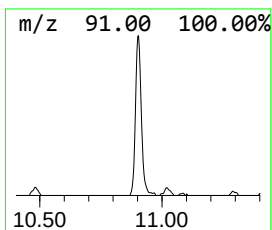
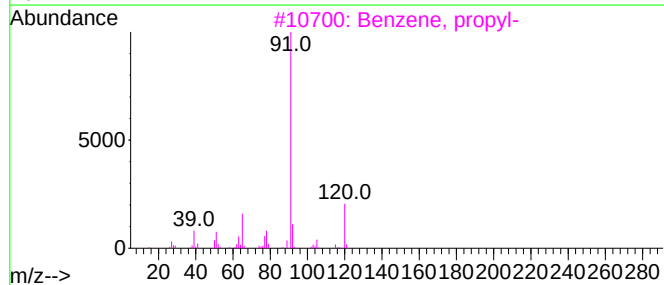
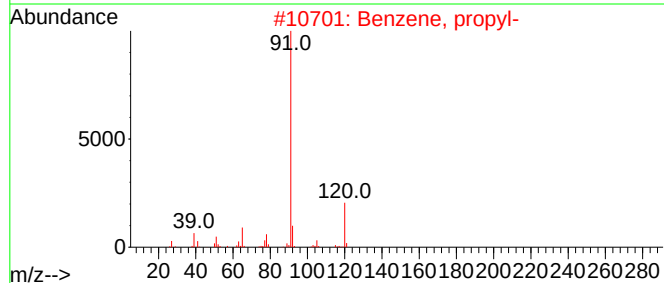
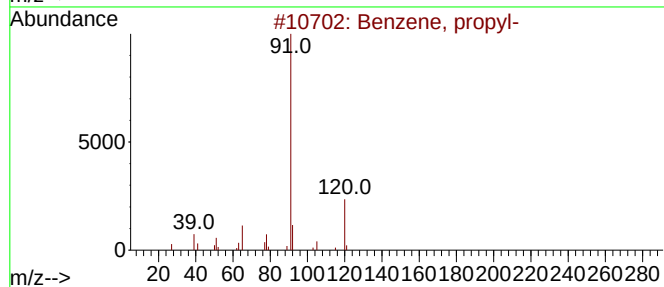
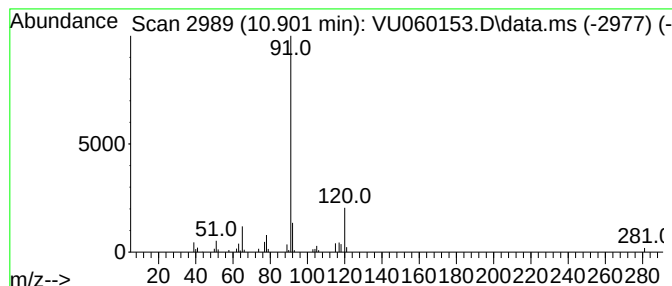
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Benzene, propyl- Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.901 | 0.51 ug/L | 47213 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, propyl-                    | 120 | C9H12   | 000103-65-1 | 76   |
| 2    |    |   | Benzene, propyl-                    | 120 | C9H12   | 000103-65-1 | 76   |
| 3    |    |   | Benzene, propyl-                    | 120 | C9H12   | 000103-65-1 | 74   |
| 4    |    |   | Benzene, propyl-                    | 120 | C9H12   | 000103-65-1 | 64   |
| 5    |    |   | 1,2-Ethanediamine, N-(phenylmeth... | 150 | C9H14N2 | 004152-09-4 | 64   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

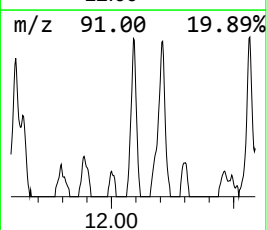
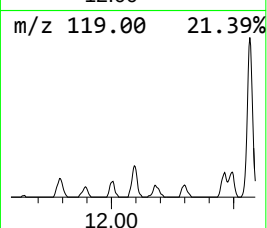
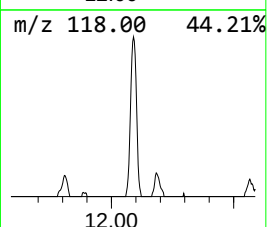
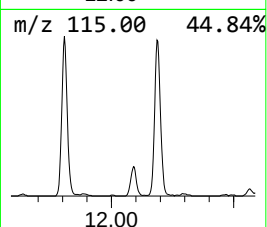
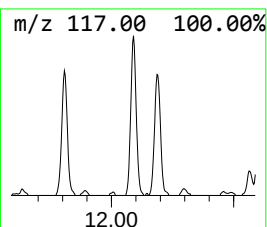
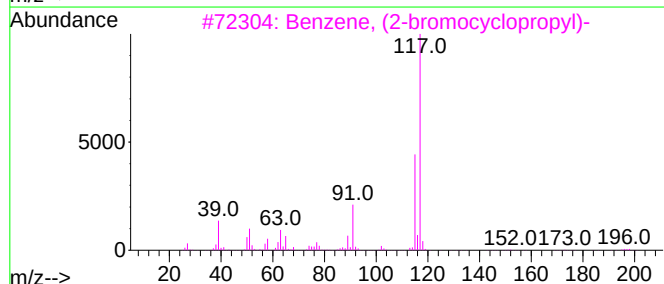
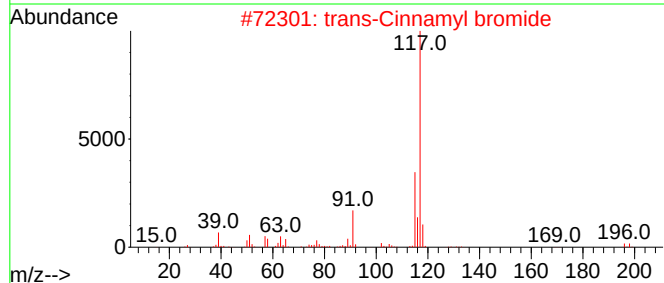
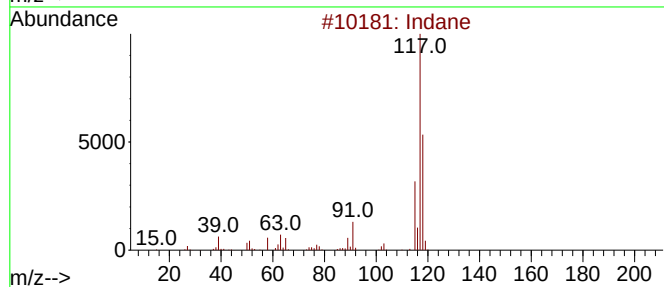
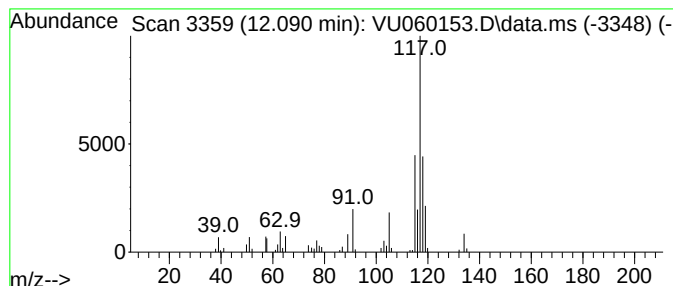
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 4 Indane Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.090 | 0.76 ug/L | 69880 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                           | 118 | C9H10   | 000496-11-7 | 60   |
| 2    |    |   | trans-Cinnamyl bromide           | 196 | C9H9Br  | 026146-77-0 | 58   |
| 3    |    |   | Benzene, (2-bromocyclopropyl)-   | 196 | C9H9Br  | 036617-02-4 | 49   |
| 4    |    |   | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12  | 002039-90-9 | 47   |
| 5    |    |   | Benzene, cyclopropyl-            | 118 | C9H10   | 000873-49-4 | 47   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

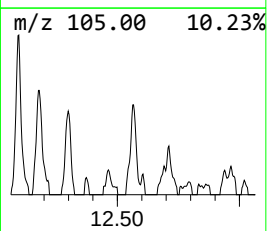
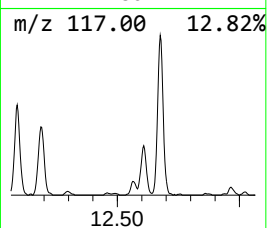
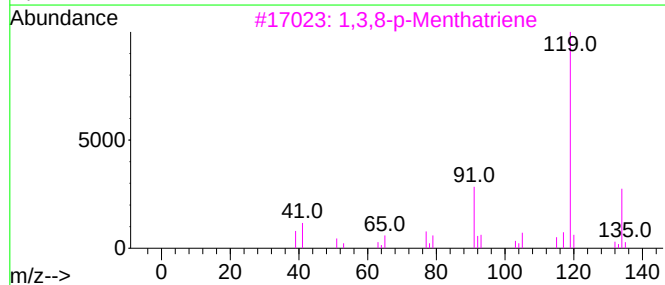
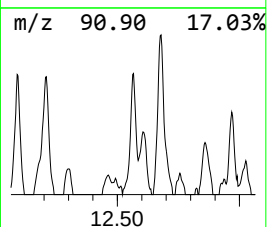
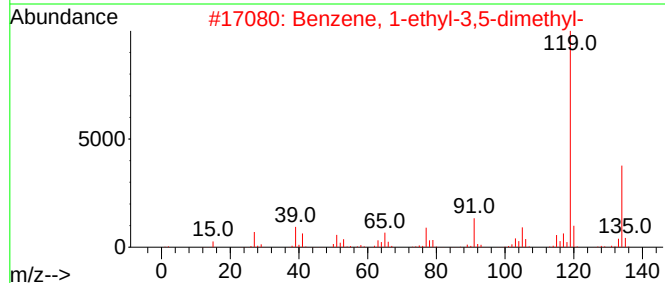
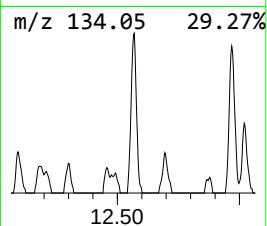
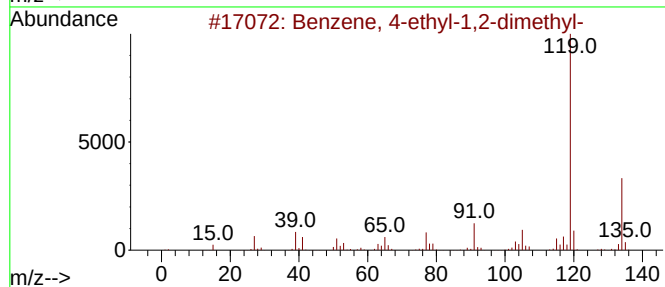
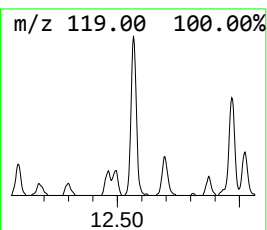
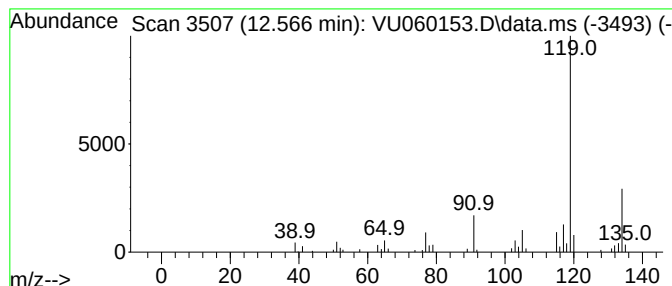
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.566 | 0.62 ug/L | 57033 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 91   |
| 2    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |
| 3    |    |   | 1,3,8-p-Menthatriene           | 134 | C10H14  | 018368-95-1 | 91   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 91   |
| 5    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |



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YDZF1DL

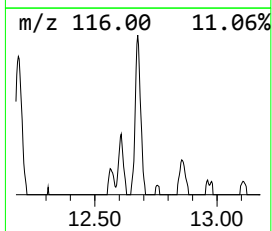
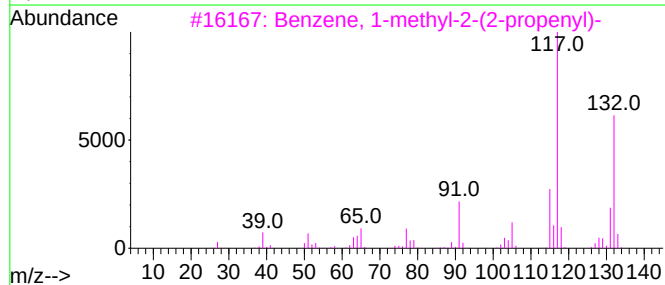
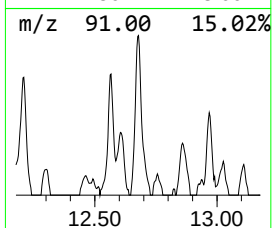
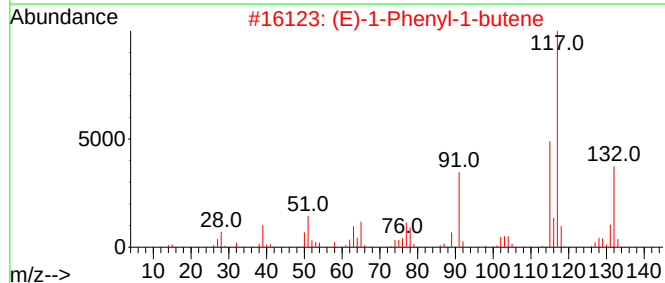
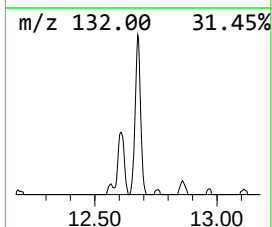
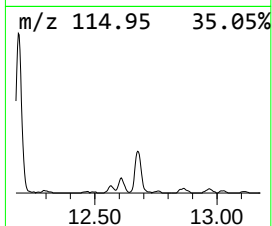
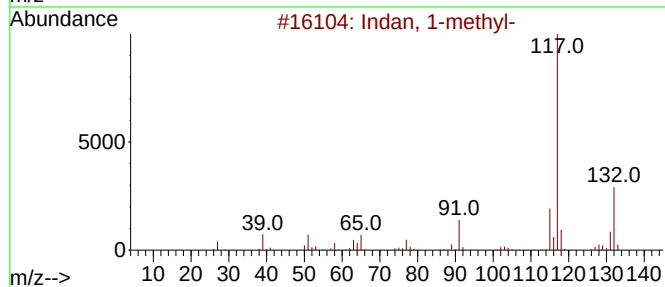
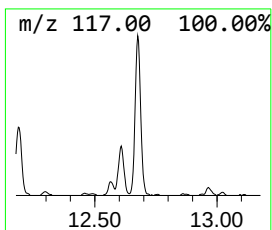
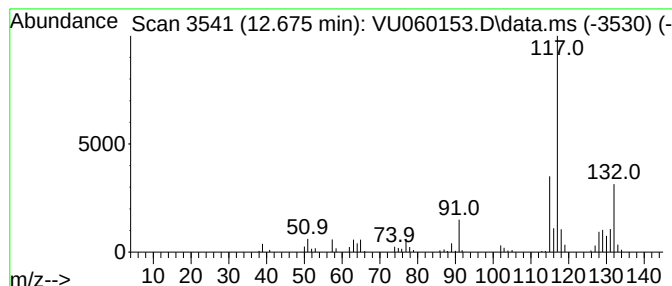
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 6 Indan, 1-methyl- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.676 | 1.29 ug/L | 118001 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 87   |
| 2    |    |   | (E)-1-Phenyl-1-butene             | 132 | C10H12  | 001005-64-7 | 87   |
| 3    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 83   |
| 4    |    |   | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4 | 83   |
| 5    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072424\  
Data File : VU060153.D  
Acq On : 24 Jul 2024 15:03  
Operator : MD/SY  
Sample : P3244-06DL 40X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

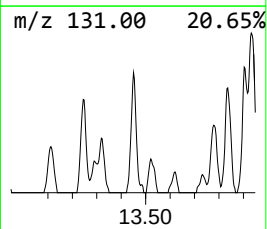
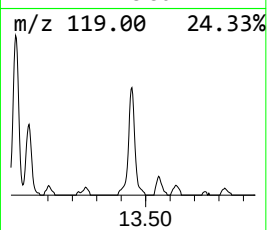
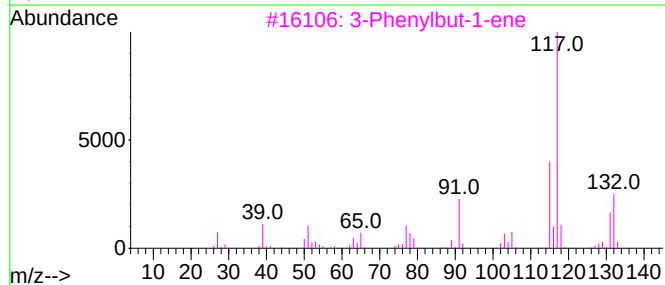
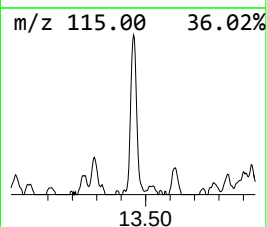
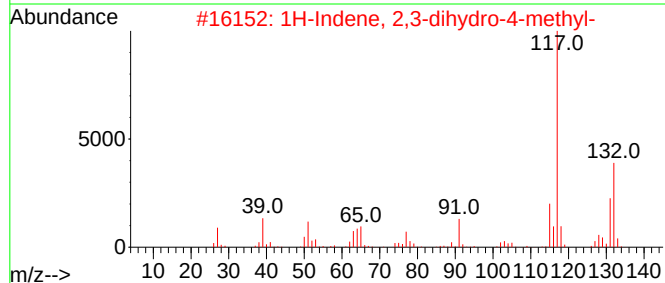
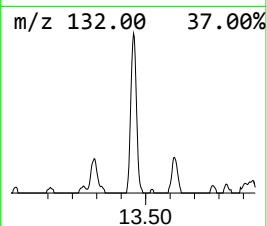
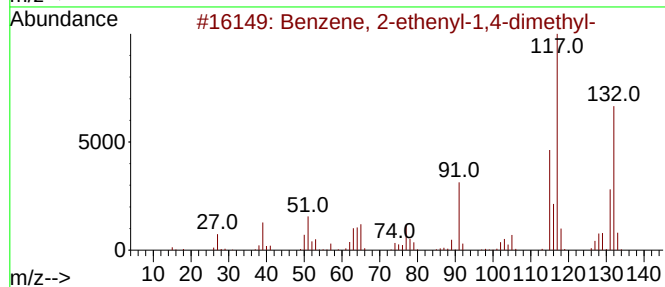
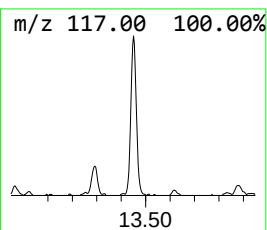
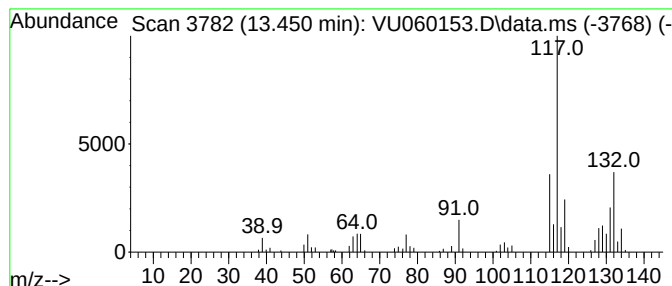
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.450 | 1.25 ug/L | 114958 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 92   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 76   |
| 3    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 76   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 70   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 70   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072424\  
Data File : VU060153.D  
Acq On : 24 Jul 2024 15:03  
Operator : MD/SY  
Sample : P3244-06DL 40X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YDZF1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.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, propyl-   | 10.901 | 0.5     | ug/L  | 47213    | 3                     | 11.807 | 458464 | 5.0  |
| Indane             | 12.090 | 0.8     | ug/L  | 69880    | 3                     | 11.807 | 458464 | 5.0  |
| Benzene, 4-ethy... | 12.566 | 0.6     | ug/L  | 57033    | 3                     | 11.807 | 458464 | 5.0  |
| Indan, 1-methyl-   | 12.676 | 1.3     | ug/L  | 118001   | 3                     | 11.807 | 458464 | 5.0  |
| Benzene, 2-ethe... | 13.450 | 1.3     | ug/L  | 114958   | 3                     | 11.807 | 458464 | 5.0  |