

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012622\  
 Data File : VU046850.D  
 Acq On : 26 Jan 2022 17:27  
 Operator : SY/MD  
 Sample : N1260-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFX0

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\SFAMUTR011822WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU046850.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         | 1.363       | 3             | 7           | 12           | rVV      | 11547          | 10304         | 1.79%           | 0.201%        |
| 2         | 1.395       | 13            | 17          | 27           | rVB2     | 9929           | 12337         | 2.14%           | 0.240%        |
| 3         | 1.446       | 28            | 33          | 41           | rVB      | 7731           | 8005          | 1.39%           | 0.156%        |
| 4         | 1.495       | 41            | 48          | 72           | rVB      | 81066          | 96726         | 16.81%          | 1.885%        |
| 5         | 1.604       | 73            | 82          | 97           | rVB      | 47518          | 60083         | 10.44%          | 1.171%        |
| 6         | 1.919       | 171           | 180         | 196          | rVB      | 39437          | 50659         | 8.81%           | 0.987%        |
| 7         | 2.575       | 366           | 384         | 400          | rBV4     | 88755          | 174738        | 30.37%          | 3.404%        |
| 8         | 3.366       | 615           | 630         | 647          | rBV3     | 12019          | 27700         | 4.81%           | 0.540%        |
| 9         | 3.877       | 776           | 789         | 806          | rVB2     | 17325          | 41803         | 7.27%           | 0.814%        |
| 10        | 4.668       | 1011          | 1035        | 1060         | rBV3     | 133379         | 434399        | 75.51%          | 8.463%        |
| 11        | 5.067       | 1138          | 1159        | 1179         | rBV      | 72718          | 163035        | 28.34%          | 3.176%        |
| 12        | 5.321       | 1226          | 1238        | 1249         | rVB3     | 7173           | 14293         | 2.48%           | 0.278%        |
| 13        | 5.729       | 1345          | 1365        | 1384         | rBV2     | 141302         | 369832        | 64.28%          | 7.205%        |
| 14        | 6.250       | 1511          | 1527        | 1547         | rBV      | 130991         | 245297        | 42.64%          | 4.779%        |
| 15        | 6.546       | 1604          | 1619        | 1638         | rBV      | 306181         | 575305        | 100.00%         | 11.209%       |
| 16        | 6.694       | 1652          | 1665        | 1686         | rVB      | 90078          | 174156        | 30.27%          | 3.393%        |
| 17        | 6.883       | 1713          | 1724        | 1737         | rBV4     | 6666           | 11944         | 2.08%           | 0.233%        |
| 18        | 7.568       | 1925          | 1937        | 1955         | rBV      | 42418          | 71578         | 12.44%          | 1.395%        |
| 19        | 7.899       | 2027          | 2040        | 2057         | rBV      | 161465         | 284391        | 49.43%          | 5.541%        |
| 20        | 7.970       | 2057          | 2062        | 2076         | rVB2     | 3638           | 6443          | 1.12%           | 0.126%        |
| 21        | 8.182       | 2117          | 2128        | 2141         | rBV      | 26559          | 42785         | 7.44%           | 0.834%        |
| 22        | 8.475       | 2209          | 2219        | 2230         | rBV4     | 3189           | 7106          | 1.24%           | 0.138%        |
| 23        | 8.555       | 2231          | 2244        | 2257         | rVV      | 303383         | 517782        | 90.00%          | 10.088%       |
| 24        | 8.636       | 2258          | 2269        | 2297         | rVB      | 261379         | 452541        | 78.66%          | 8.817%        |
| 25        | 8.787       | 2305          | 2316        | 2337         | rBV2     | 53799          | 92304         | 16.04%          | 1.798%        |
| 26        | 9.417       | 2499          | 2512        | 2531         | rBV      | 195713         | 335593        | 58.33%          | 6.538%        |
| 27        | 10.343      | 2792          | 2800        | 2812         | rBV4     | 9784           | 14659         | 2.55%           | 0.286%        |
| 28        | 10.758      | 2917          | 2929        | 2946         | rVB      | 79010          | 125828        | 21.87%          | 2.452%        |
| 29        | 11.687      | 3209          | 3218        | 3231         | rBV3     | 20926          | 31348         | 5.45%           | 0.611%        |
| 30        | 11.812      | 3245          | 3257        | 3272         | rVB      | 211670         | 341306        | 59.33%          | 6.650%        |
| 31        | 12.195      | 3362          | 3376        | 3390         | rBV      | 159956         | 260379        | 45.26%          | 5.073%        |
| 32        | 12.886      | 3581          | 3591        | 3604         | rBV2     | 44508          | 64771         | 11.26%          | 1.262%        |
| 33        | 14.732      | 4157          | 4165        | 4176         | rVB5     | 10119          | 13225         | 2.30%           | 0.258%        |

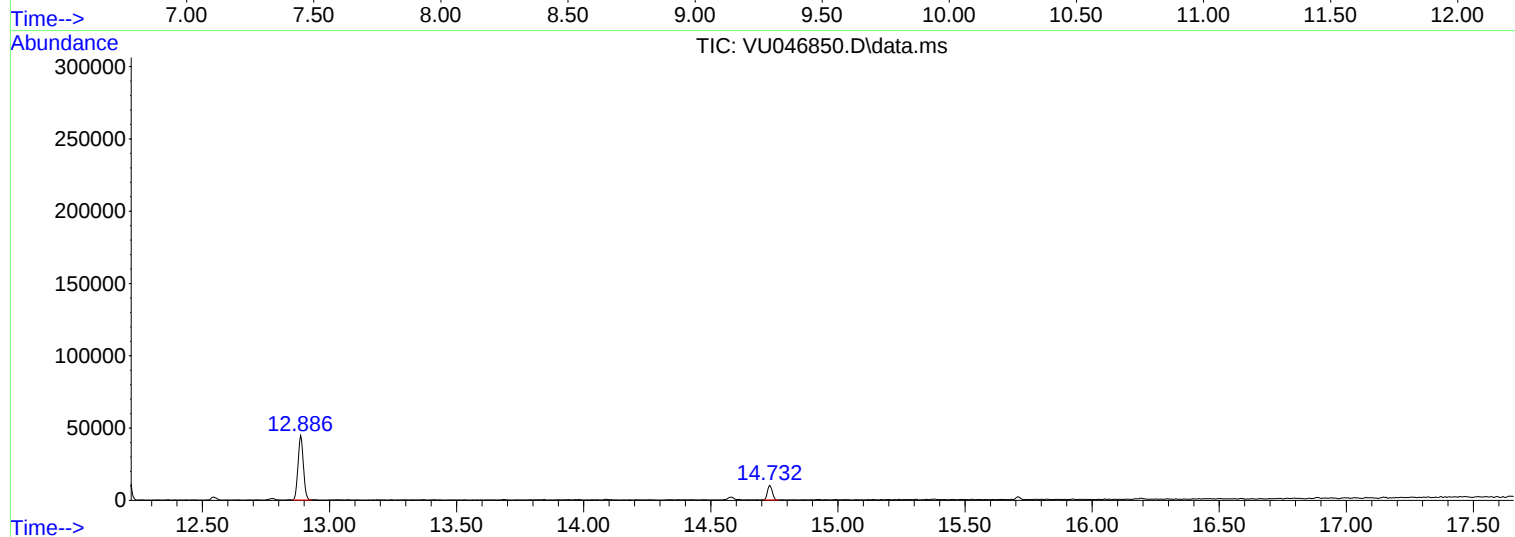
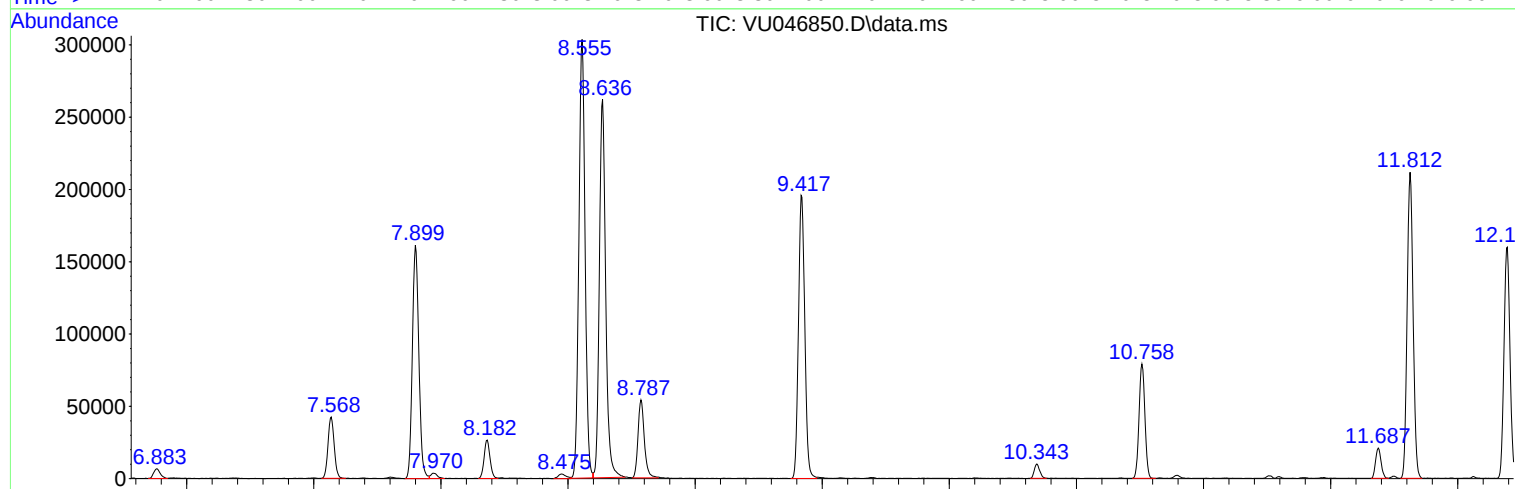
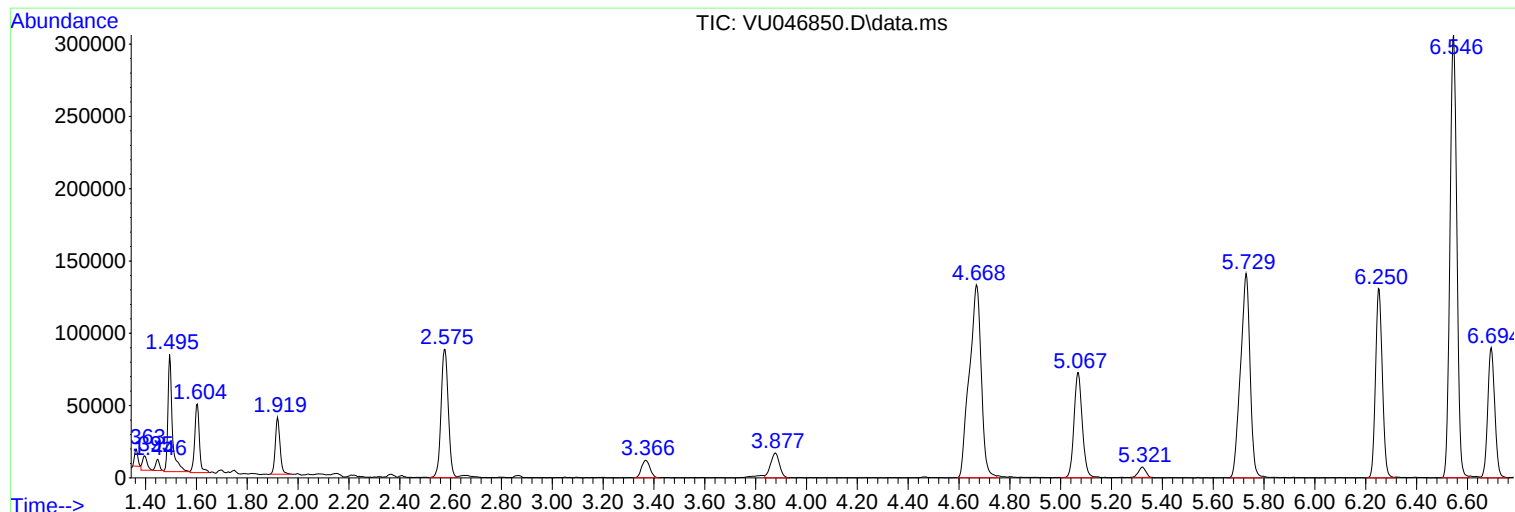
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012622\  
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Sample : N1260-09  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXY0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.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\VU012622\  
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Operator : SY/MD  
Sample : N1260-09  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFX0

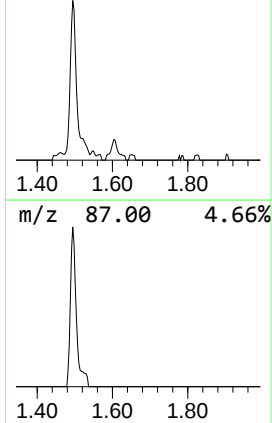
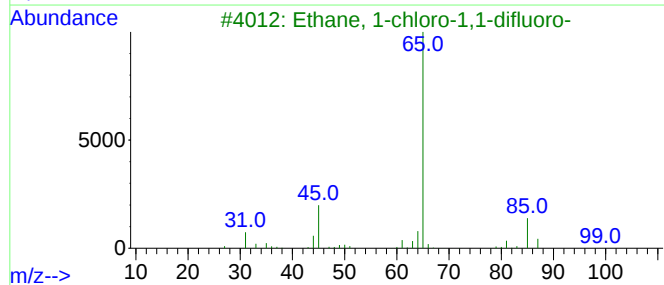
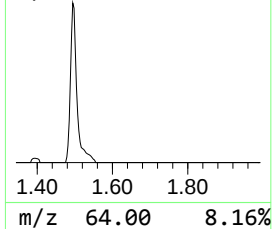
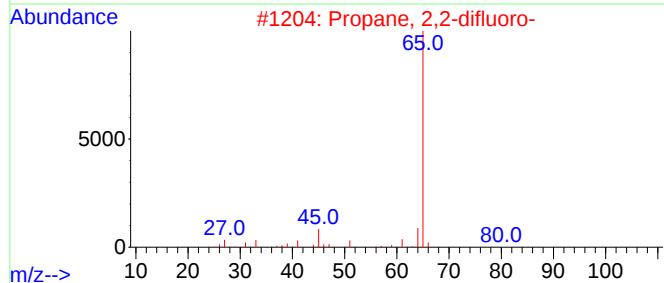
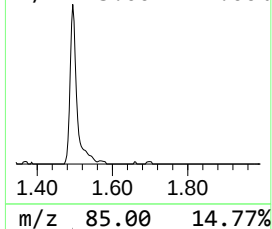
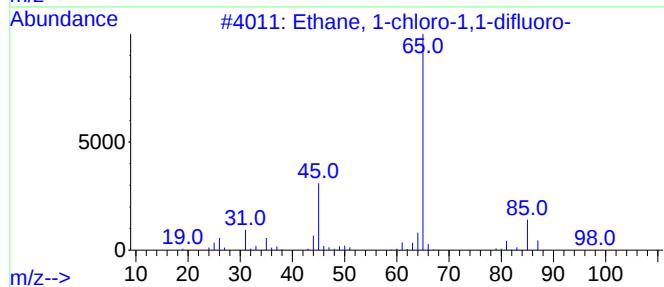
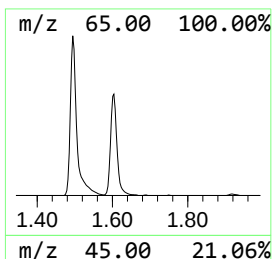
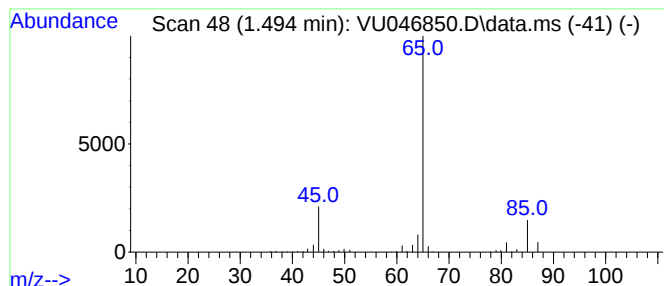
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.494 | 1.97 ug/L | 96726 | 1,4-Difluorobenzene | 6.253 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethane, 1-chloro-1,1-difluoro- | 100 | C2H3ClF2 | 000075-68-3 | 74   |
| 2    |    |   | Propane, 2,2-difluoro-         | 80  | C3H6F2   | 000420-45-1 | 43   |
| 3    |    |   | Ethane, 1-chloro-1,1-difluoro- | 100 | C2H3ClF2 | 000075-68-3 | 38   |
| 4    |    |   | 2,2-Difluoropropionic acid     | 110 | C3H4F2O2 | 000373-96-6 | 4    |
| 5    |    |   | Propane, 2,2-difluoro-         | 80  | C3H6F2   | 000420-45-1 | 4    |



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Sample : N1260-09  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFX0

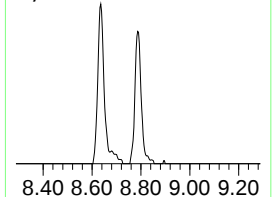
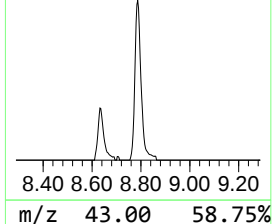
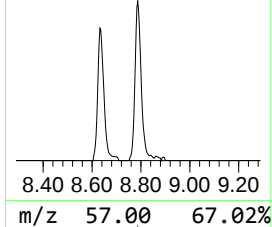
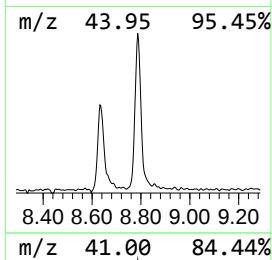
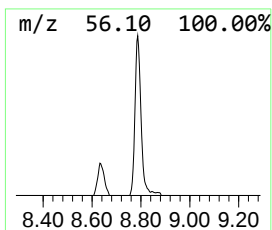
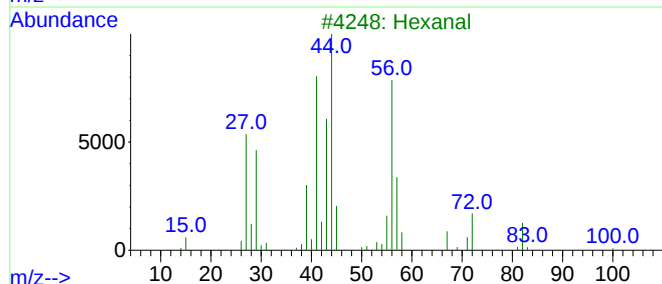
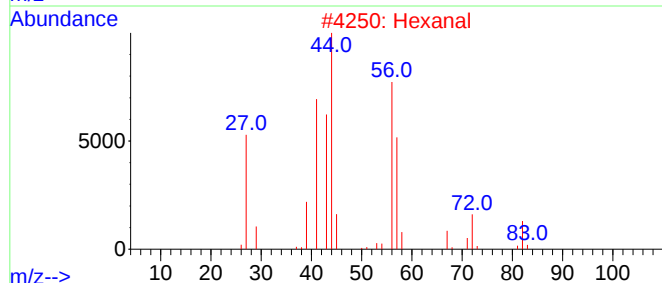
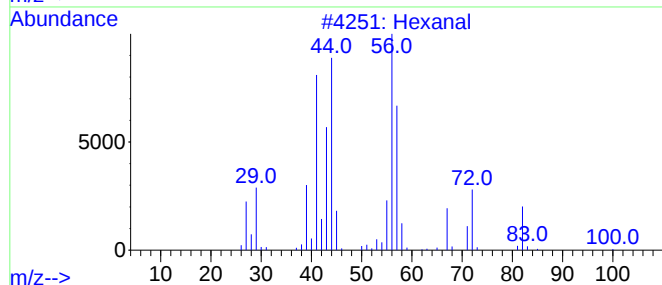
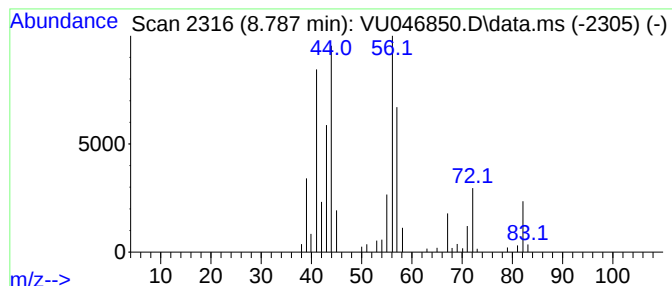
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Hexanal Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 8.787 | 1.38 ug/L | 92304 | Chlorobenzene-d5 | 9.417 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 2    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 86   |
| 3    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 83   |
| 4    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 83   |
| 5    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 83   |



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Sample : N1260-09  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFX0

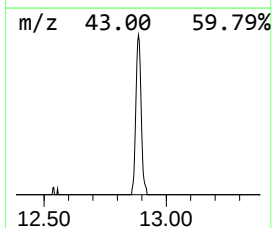
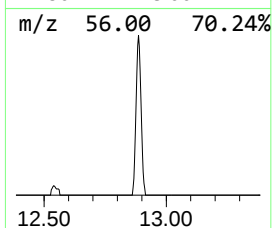
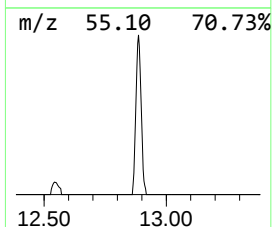
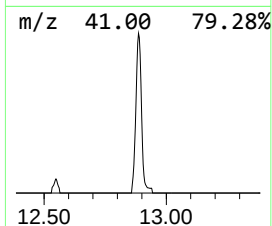
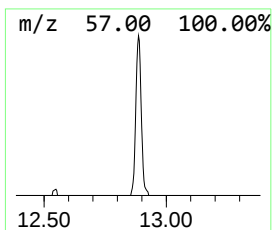
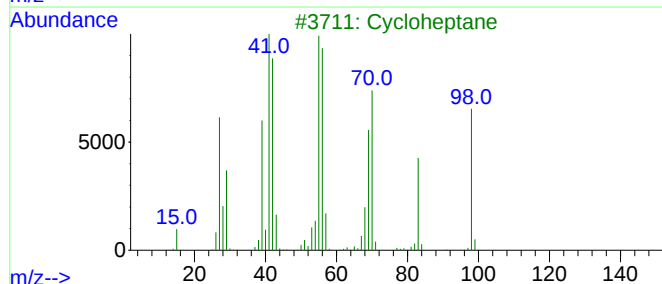
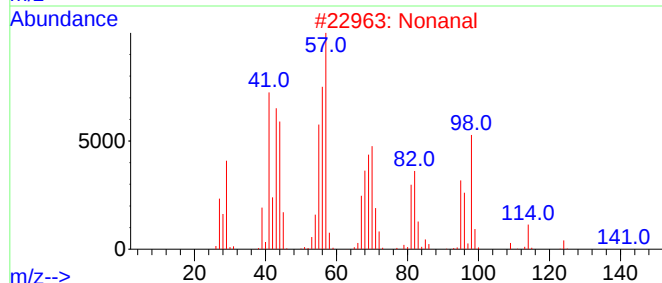
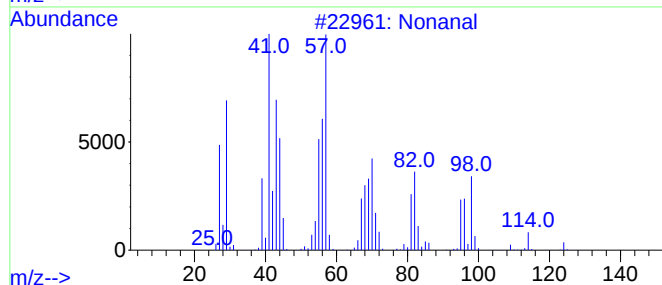
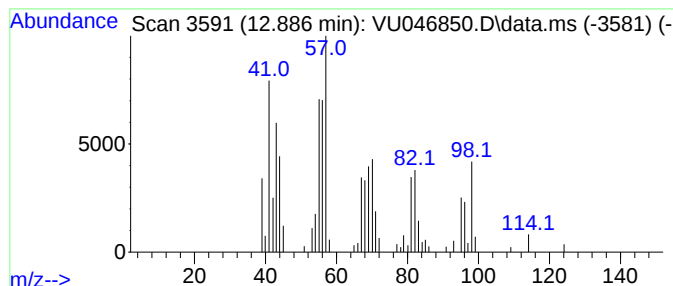
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 4 Nonanal Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.886 | 0.95 ug/L | 64771 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Nonanal         | 142 | C9H18O  | 000124-19-6 | 91   |
| 2    |    |   | Nonanal         | 142 | C9H18O  | 000124-19-6 | 91   |
| 3    |    |   | Cycloheptane    | 98  | C7H14   | 000291-64-5 | 43   |
| 4    |    |   | (Z)-2-Heptene   | 98  | C7H14   | 006443-92-1 | 25   |
| 5    |    |   | 2-Heptene, (E)- | 98  | C7H14   | 014686-13-6 | 25   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.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 |
| Ethane, 1-chlor... | 1.494  | 2.0     | ug/L  | 96726    | 1                     | 6.253  | 245297 | 5.0  |
| Hexanal            | 8.787  | 1.4     | ug/L  | 92304    | 2                     | 9.417  | 335593 | 5.0  |
| Nonanal            | 12.886 | 0.9     | ug/L  | 64771    | 3                     | 11.812 | 341306 | 5.0  |