

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
 Data File : VV030211.D  
 Acq On : 15 Mar 2023 15:00  
 Operator : SY/MD  
 Sample : 01884-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CB927

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\_V\Method\SFAMVTR022323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV030211.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         | 1.281       | 66            | 75          | 86           | rVB2     | 80995          | 103371        | 5.78%           | 1.185%        |
| 2         | 1.387       | 101           | 108         | 118          | rVB      | 61636          | 71367         | 3.99%           | 0.818%        |
| 3         | 1.442       | 119           | 125         | 134          | rVB      | 16431          | 18858         | 1.05%           | 0.216%        |
| 4         | 1.535       | 147           | 154         | 168          | rVB      | 64699          | 77710         | 4.35%           | 0.891%        |
| 5         | 1.915       | 262           | 272         | 286          | rBV      | 175379         | 252781        | 14.14%          | 2.899%        |
| 6         | 2.066       | 308           | 319         | 337          | rVB      | 133228         | 196556        | 10.99%          | 2.254%        |
| 7         | 3.844       | 854           | 872         | 901          | rBV3     | 33963          | 165401        | 9.25%           | 1.897%        |
| 8         | 4.262       | 984           | 1002        | 1025         | rBV      | 81835          | 218893        | 12.24%          | 2.510%        |
| 9         | 4.368       | 1029          | 1035        | 1051         | rVB3     | 8718           | 19846         | 1.11%           | 0.228%        |
| 10        | 4.969       | 1205          | 1222        | 1254         | rBV2     | 175040         | 454854        | 25.44%          | 5.216%        |
| 11        | 5.143       | 1262          | 1276        | 1294         | rVB3     | 15724          | 38989         | 2.18%           | 0.447%        |
| 12        | 5.545       | 1387          | 1401        | 1432         | rBV      | 177922         | 371746        | 20.79%          | 4.263%        |
| 13        | 5.998       | 1528          | 1542        | 1556         | rBV      | 103025         | 215366        | 12.05%          | 2.470%        |
| 14        | 6.921       | 1816          | 1829        | 1852         | rBV2     | 45124          | 85335         | 4.77%           | 0.979%        |
| 15        | 7.104       | 1873          | 1886        | 1903         | rVB2     | 34373          | 61811         | 3.46%           | 0.709%        |
| 16        | 7.252       | 1920          | 1932        | 1947         | rBV      | 214188         | 372458        | 20.83%          | 4.271%        |
| 17        | 7.326       | 1948          | 1955        | 1966         | rVB2     | 14871          | 25406         | 1.42%           | 0.291%        |
| 18        | 7.561       | 2013          | 2028        | 2056         | rBV      | 27453          | 60817         | 3.40%           | 0.697%        |
| 19        | 7.879       | 2115          | 2127        | 2141         | rBV3     | 12388          | 23108         | 1.29%           | 0.265%        |
| 20        | 8.037       | 2166          | 2176        | 2207         | rBV      | 166807         | 348125        | 19.47%          | 3.992%        |
| 21        | 8.175       | 2208          | 2219        | 2230         | rBV2     | 29405          | 68959         | 3.86%           | 0.791%        |
| 22        | 8.821       | 2399          | 2420        | 2446         | rBV2     | 802508         | 1787932       | 100.00%         | 20.503%       |
| 23        | 9.078       | 2484          | 2500        | 2513         | rVB8     | 21336          | 51573         | 2.88%           | 0.591%        |
| 24        | 9.439       | 2598          | 2612        | 2621         | rVV8     | 9997           | 26145         | 1.46%           | 0.300%        |
| 25        | 9.490       | 2621          | 2628        | 2640         | rVB3     | 11656          | 20848         | 1.17%           | 0.239%        |
| 26        | 9.648       | 2655          | 2677        | 2691         | rBV6     | 24690          | 50380         | 2.82%           | 0.578%        |
| 27        | 9.744       | 2696          | 2707        | 2723         | rBV6     | 15064          | 35699         | 2.00%           | 0.409%        |
| 28        | 9.876       | 2737          | 2748        | 2758         | rBV      | 86718          | 140239        | 7.84%           | 1.608%        |
| 29        | 10.072      | 2801          | 2809        | 2819         | rBV7     | 14945          | 27126         | 1.52%           | 0.311%        |
| 30        | 10.162      | 2829          | 2837        | 2854         | rVB2     | 87342          | 163673        | 9.15%           | 1.877%        |
| 31        | 10.683      | 2989          | 2999        | 3019         | rVB4     | 35810          | 65564         | 3.67%           | 0.752%        |
| 32        | 10.812      | 3027          | 3039        | 3053         | rBV      | 32324          | 56459         | 3.16%           | 0.647%        |
| 33        | 11.001      | 3073          | 3098        | 3103         | rBV      | 62204          | 120381        | 6.73%           | 1.380%        |
| 34        | 11.033      | 3103          | 3108        | 3121         | rVB      | 90980          | 135528        | 7.58%           | 1.554%        |
| 35        | 11.194      | 3147          | 3158        | 3180         | rVB2     | 376598         | 793783        | 44.40%          | 9.103%        |
| 36        | 11.348      | 3197          | 3206        | 3214         | rBV8     | 17413          | 33339         | 1.86%           | 0.382%        |

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Integrator: RTE

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Title : TRACE VOA SFAM1.0

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 11.400 | 3214 | 3222 | 3234 | rVB   | 58490  | 90320  | 5.05%  | 1.036% |
| 38 | 11.493 | 3236 | 3251 | 3262 | rBV   | 106186 | 187476 | 10.49% | 2.150% |
| 39 | 11.570 | 3263 | 3275 | 3296 | rVB   | 277414 | 513565 | 28.72% | 5.889% |
| 40 | 11.693 | 3304 | 3313 | 3323 | rBV3  | 11909  | 20375  | 1.14%  | 0.234% |
| 41 | 11.963 | 3383 | 3397 | 3403 | rBV   | 88614  | 139918 | 7.83%  | 1.605% |
| 42 | 12.062 | 3418 | 3428 | 3449 | rBV2  | 141127 | 277926 | 15.54% | 3.187% |
| 43 | 12.201 | 3462 | 3471 | 3476 | rBV4  | 12494  | 21000  | 1.17%  | 0.241% |
| 44 | 12.246 | 3477 | 3485 | 3494 | rVB   | 52968  | 78221  | 4.37%  | 0.897% |
| 45 | 12.329 | 3505 | 3511 | 3514 | rBV3  | 15549  | 19530  | 1.09%  | 0.224% |
| 46 | 12.361 | 3515 | 3521 | 3531 | rVB   | 56950  | 84495  | 4.73%  | 0.969% |
| 47 | 12.500 | 3556 | 3564 | 3572 | rVB3  | 18258  | 27024  | 1.51%  | 0.310% |
| 48 | 12.615 | 3587 | 3600 | 3611 | rBV4  | 51420  | 118192 | 6.61%  | 1.355% |
| 49 | 12.673 | 3611 | 3618 | 3624 | rBV   | 27786  | 37157  | 2.08%  | 0.426% |
| 50 | 12.828 | 3655 | 3666 | 3678 | rBV2  | 62187  | 101177 | 5.66%  | 1.160% |
| 51 | 12.901 | 3682 | 3689 | 3699 | rVB7  | 10633  | 19054  | 1.07%  | 0.219% |
| 52 | 12.995 | 3710 | 3718 | 3730 | rBV8  | 10056  | 20140  | 1.13%  | 0.231% |
| 53 | 13.162 | 3762 | 3770 | 3779 | rVB   | 15396  | 25340  | 1.42%  | 0.291% |
| 54 | 13.220 | 3779 | 3788 | 3794 | rBV4  | 12663  | 20839  | 1.17%  | 0.239% |
| 55 | 13.654 | 3916 | 3923 | 3934 | rVB5  | 13104  | 22842  | 1.28%  | 0.262% |
| 56 | 13.873 | 3976 | 3991 | 4000 | rBV5  | 9039   | 20571  | 1.15%  | 0.236% |
| 57 | 14.046 | 4035 | 4045 | 4055 | rBV9  | 10922  | 21487  | 1.20%  | 0.246% |
| 58 | 14.242 | 4098 | 4106 | 4120 | rVB4  | 11207  | 20490  | 1.15%  | 0.235% |
| 59 | 14.773 | 4259 | 4271 | 4281 | rBV10 | 9419   | 19489  | 1.09%  | 0.223% |
| 60 | 16.265 | 4725 | 4735 | 4747 | rBV2  | 14374  | 21643  | 1.21%  | 0.248% |
| 61 | 16.435 | 4776 | 4788 | 4799 | rBV   | 19882  | 31544  | 1.76%  | 0.362% |

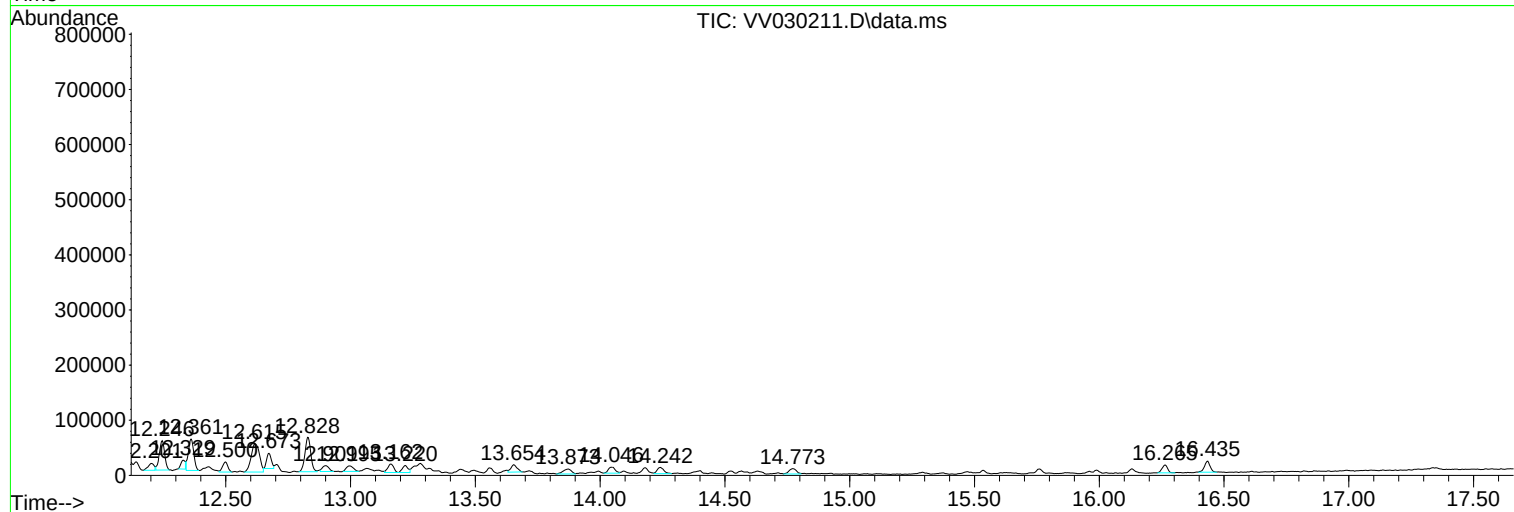
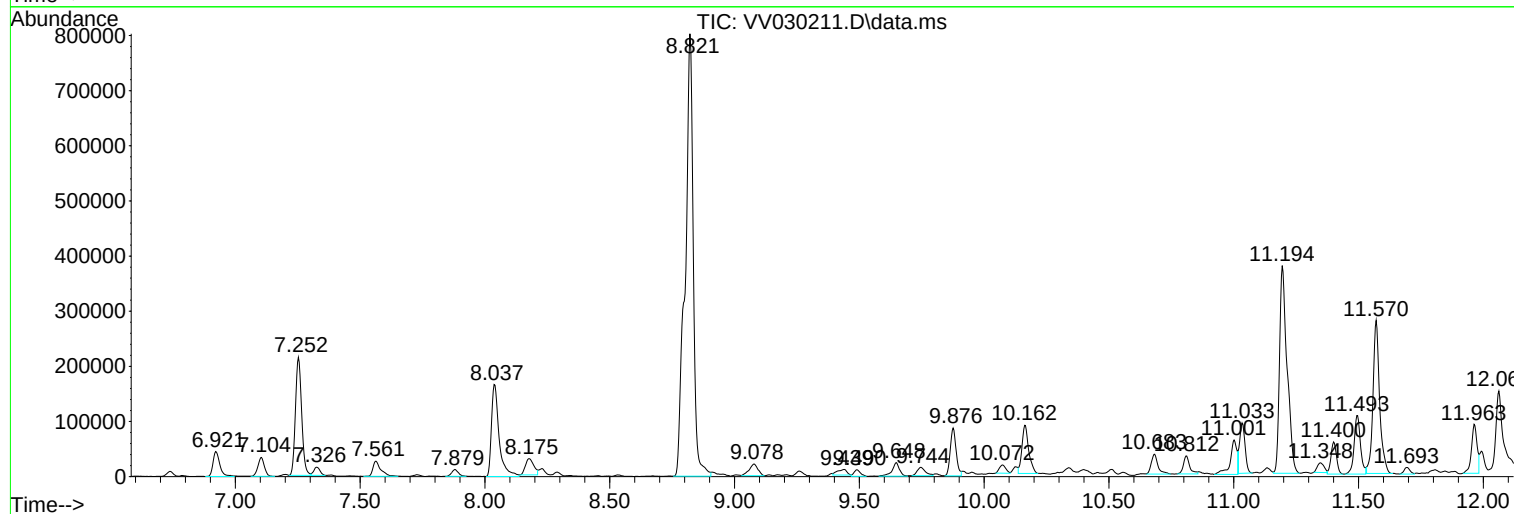
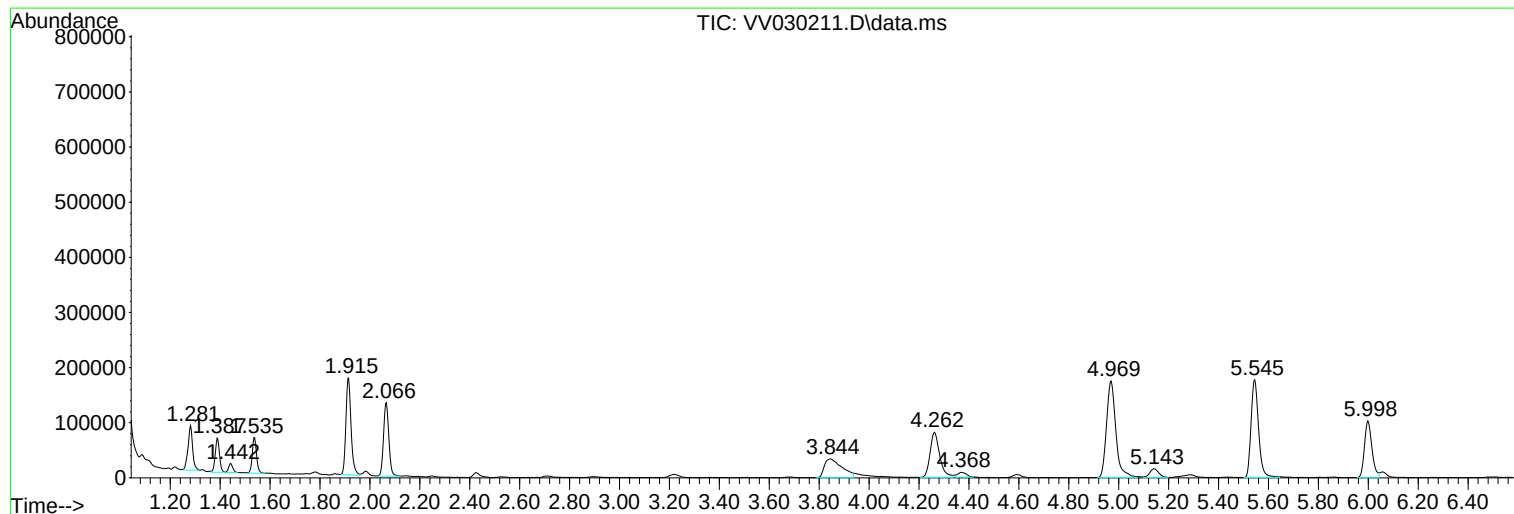
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :  
MSVOA\_V  
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CB927

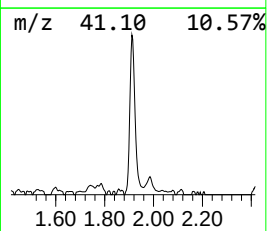
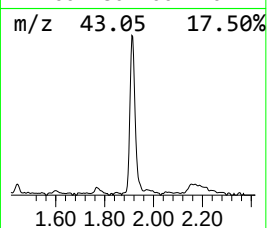
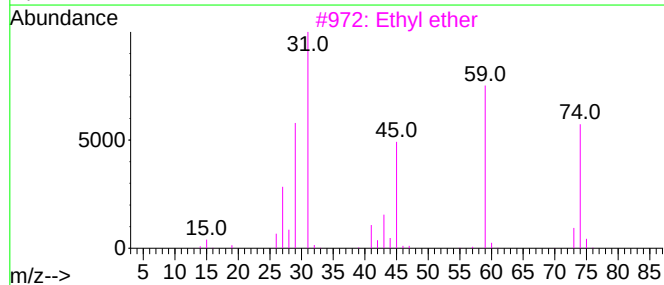
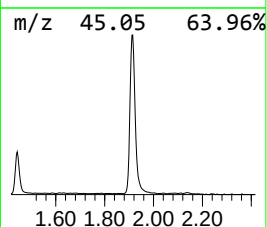
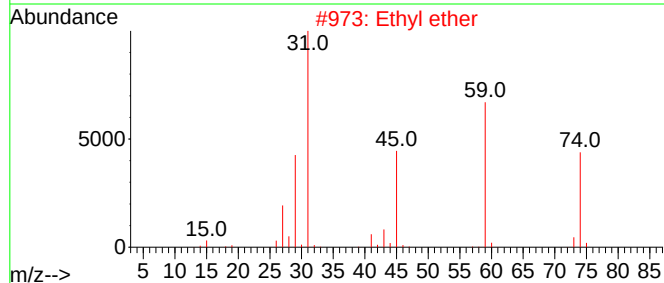
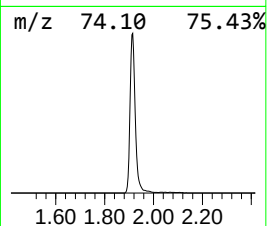
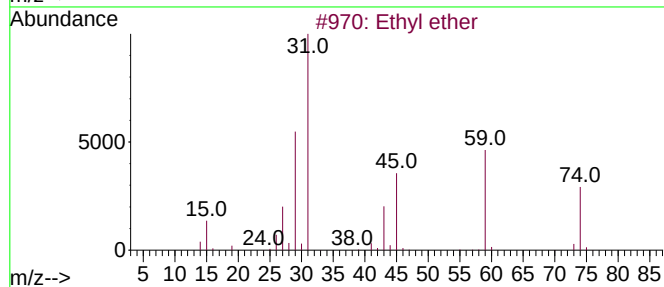
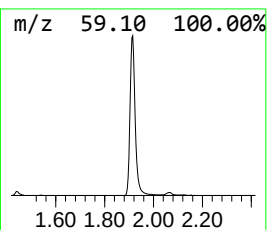
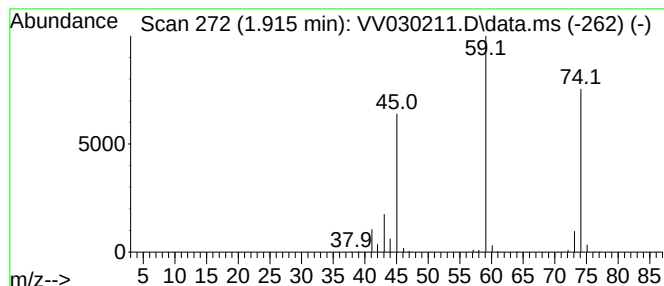
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethyl ether Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.915 | 3.40 ug/L | 252781 | 1,4-Difluorobenzene | 5.545 |

| Hit# | of                    | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Ethyl ether           |   |              | 74  | C4H10O  | 000060-29-7 | 90   |
| 2    | Ethyl ether           |   |              | 74  | C4H10O  | 000060-29-7 | 90   |
| 3    | Ethyl ether           |   |              | 74  | C4H10O  | 000060-29-7 | 90   |
| 4    | Ethyl ether           |   |              | 74  | C4H10O  | 000060-29-7 | 59   |
| 5    | Ethane, 1,2-diethoxy- |   |              | 118 | C6H14O2 | 000629-14-1 | 56   |



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Instrument :  
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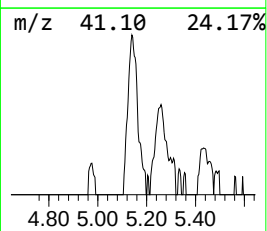
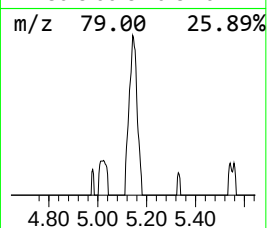
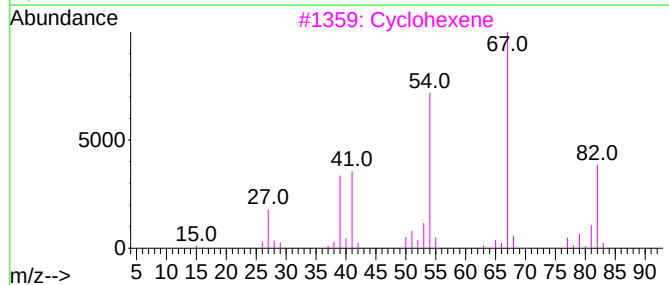
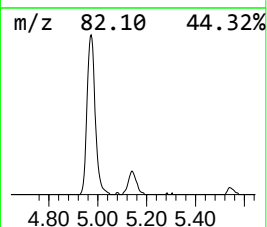
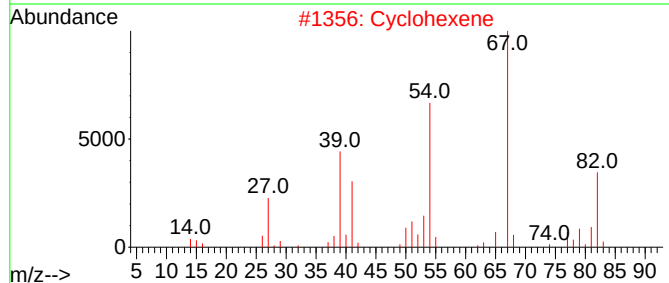
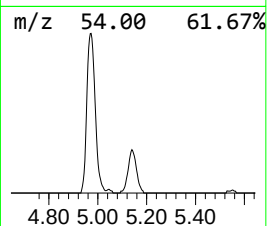
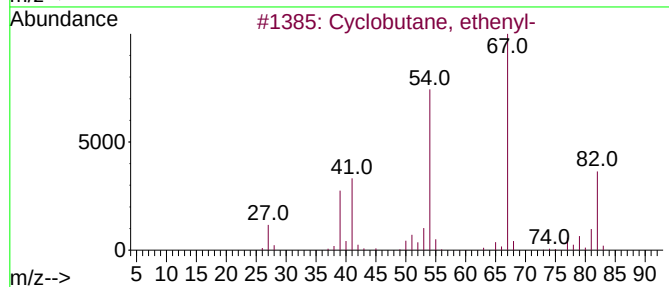
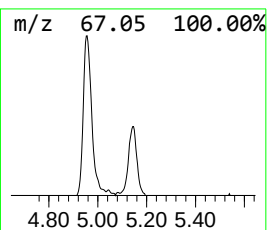
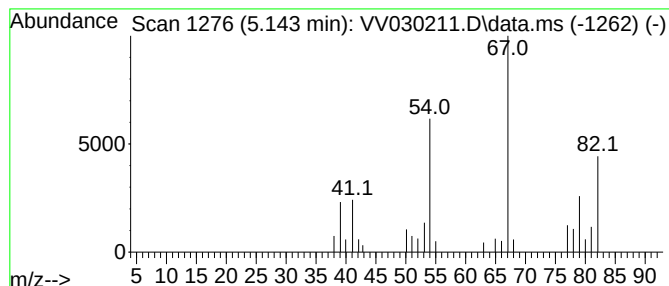
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic5.143 Concentration Rank 14

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.143 | 0.52 ug/L | 38989 | 1,4-Difluorobenzene | 5.545 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclobutane, ethenyl- | 82 | C6H10   | 002597-49-1 | 81   |
| 2    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 81   |
| 3    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 81   |
| 4    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 74   |
| 5    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 72   |



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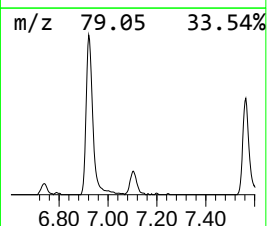
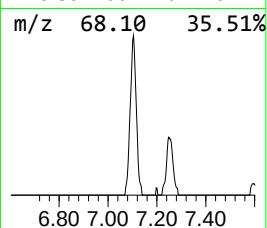
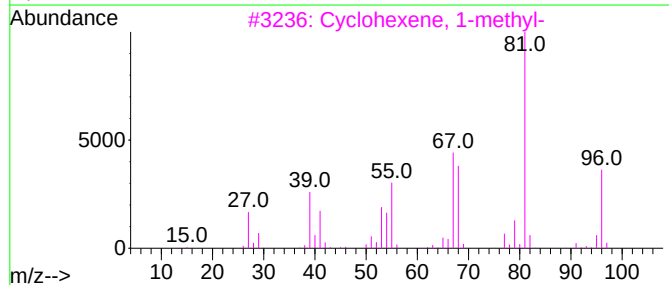
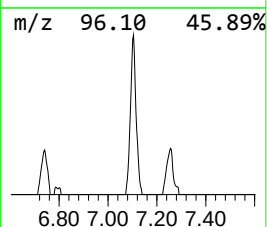
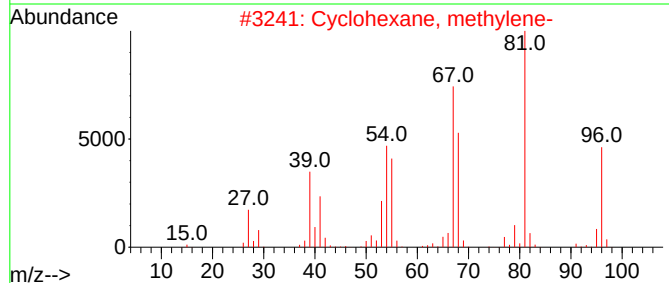
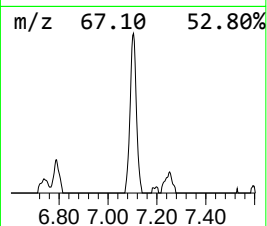
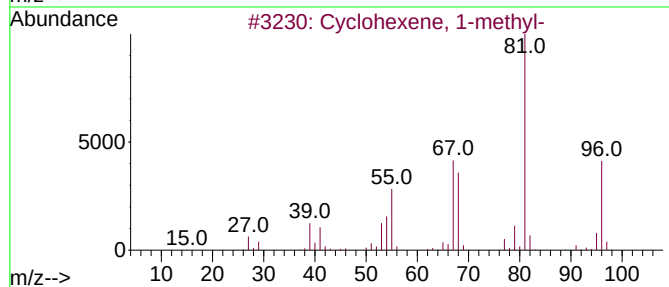
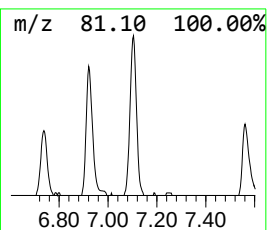
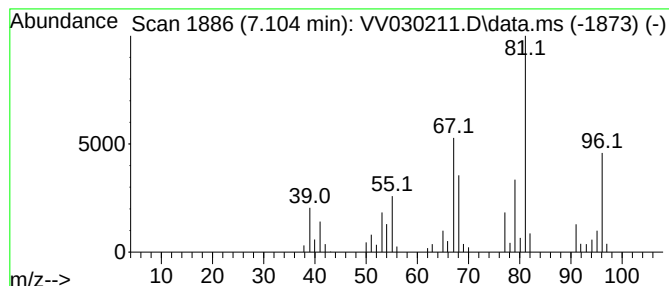
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 5 Cyclohexene, 1-methyl- Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.104 | 0.83 ug/L | 61811 | 1,4-Difluorobenzene | 5.545 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 1-methyl-   | 96 | C7H12   | 000591-49-1 | 87   |
| 2    |    |   | Cyclohexane, methylene-  | 96 | C7H12   | 001192-37-6 | 83   |
| 3    |    |   | Cyclohexene, 1-methyl-   | 96 | C7H12   | 000591-49-1 | 83   |
| 4    |    |   | Cyclohexane, methylene-  | 96 | C7H12   | 001192-37-6 | 83   |
| 5    |    |   | 2,4-Hexadiene, 3-methyl- | 96 | C7H12   | 028823-42-9 | 76   |



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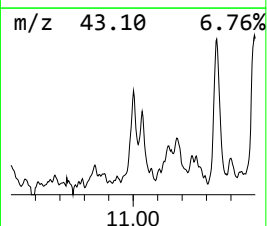
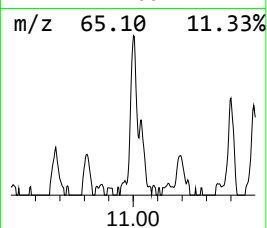
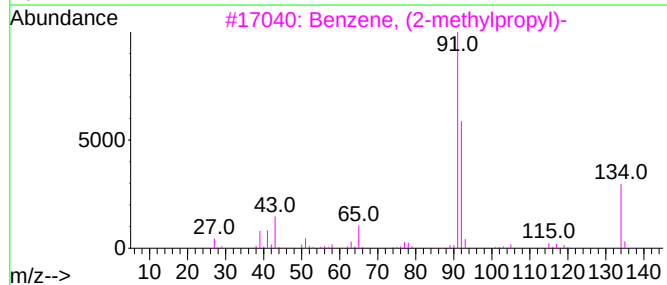
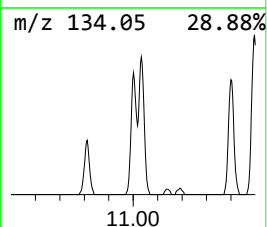
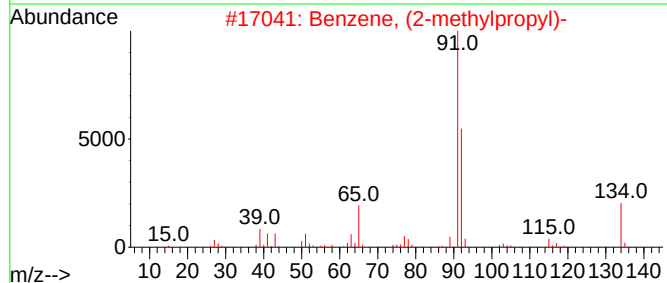
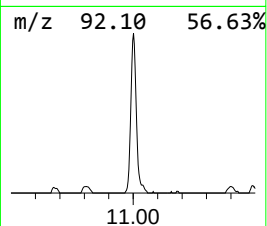
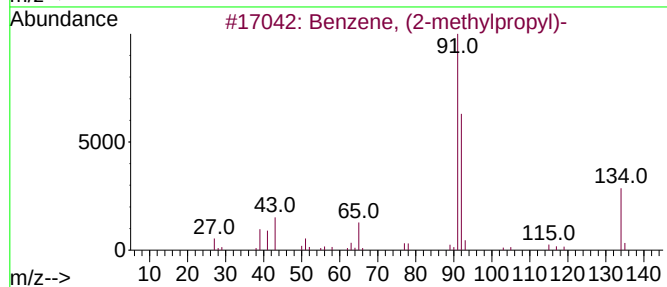
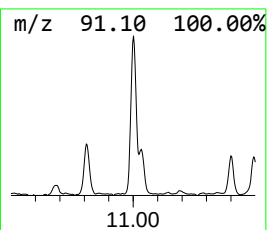
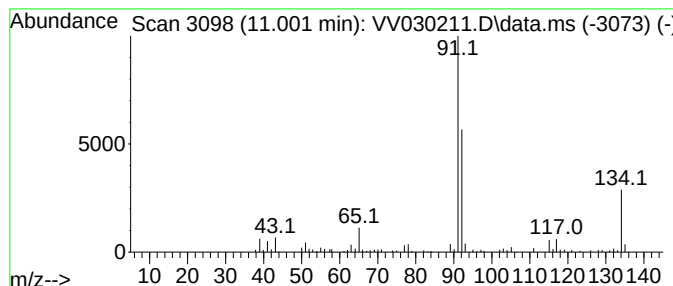
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Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 6 Benzene, (2-methylpropyl)- Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.001 | 0.76 ug/L | 120381 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methylpropyl)- | 134 | C10H14  | 000538-93-2 | 90   |
| 2    |    |   | Benzene, (2-methylpropyl)- | 134 | C10H14  | 000538-93-2 | 90   |
| 3    |    |   | Benzene, (2-methylpropyl)- | 134 | C10H14  | 000538-93-2 | 90   |
| 4    |    |   | Benzene, (2-methylpropyl)- | 134 | C10H14  | 000538-93-2 | 90   |
| 5    |    |   | Benzene, (2-methylpropyl)- | 134 | C10H14  | 000538-93-2 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

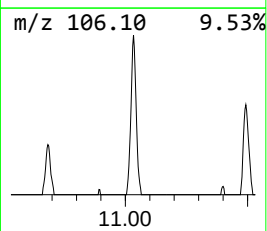
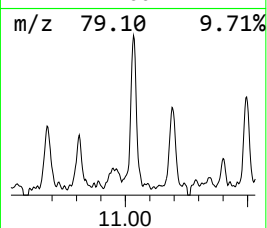
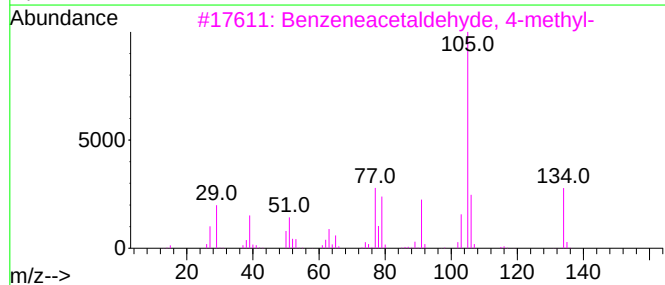
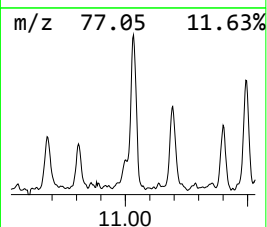
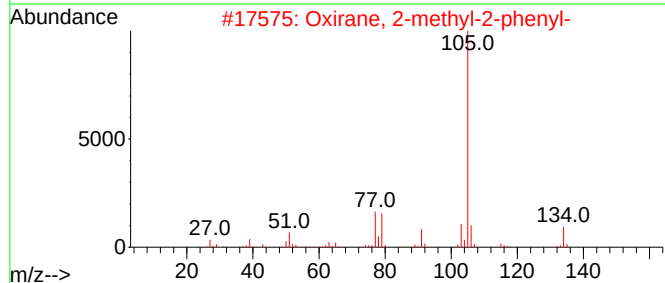
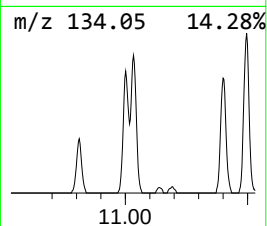
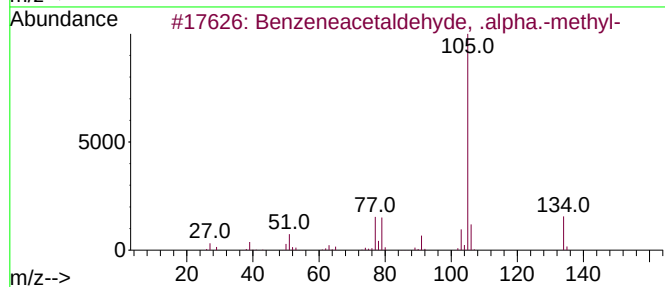
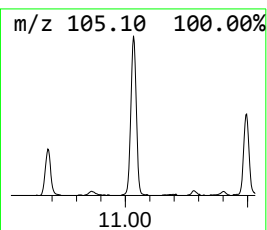
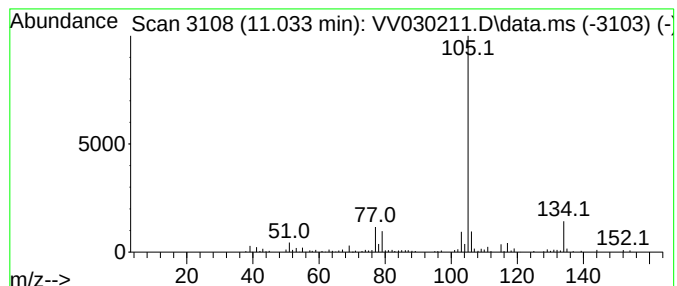
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Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 7 Benzeneacetaldehyde, .alpha... Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.033 | 0.85 ug/L | 135528 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 86   |
| 2    |    |   | Oxirane, 2-methyl-2-phenyl-         | 134 | C9H10O  | 002085-88-3 | 83   |
| 3    |    |   | Benzeneacetaldehyde, 4-methyl-      | 134 | C9H10O  | 000104-09-6 | 80   |
| 4    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 80   |
| 5    |    |   | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 80   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

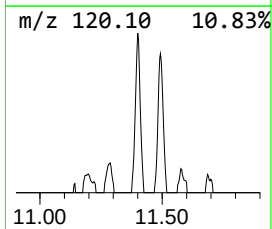
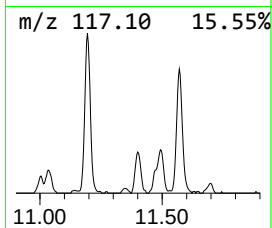
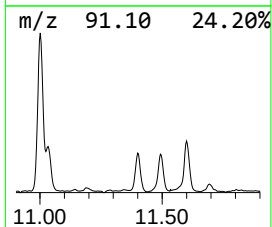
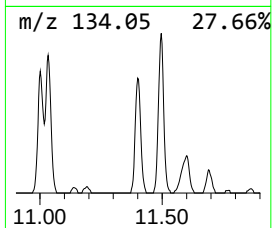
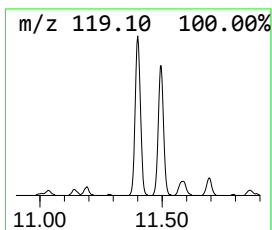
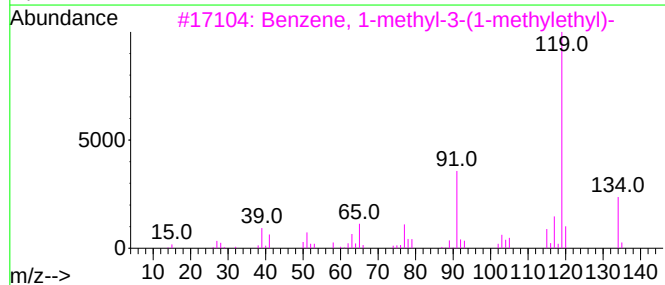
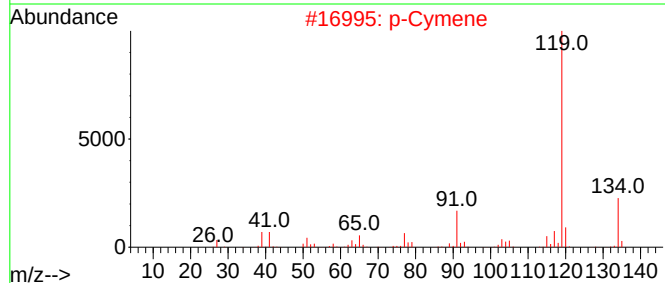
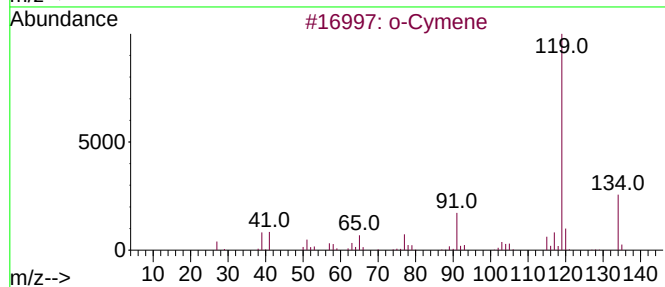
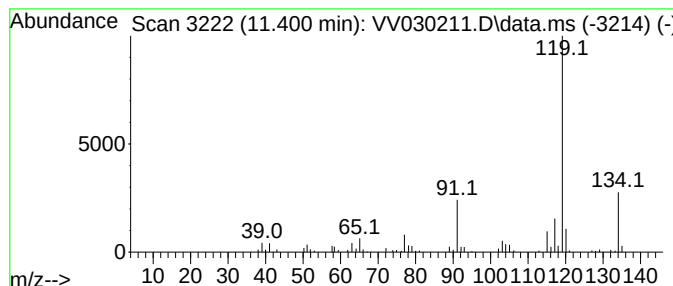
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 8 o-Cymene Concentration Rank 12

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.400 | 0.57 ug/L | 90320 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 97   |
| 2    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 97   |
| 3    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |
| 4    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 95   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

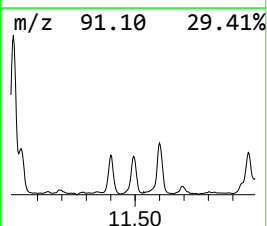
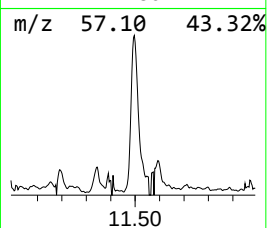
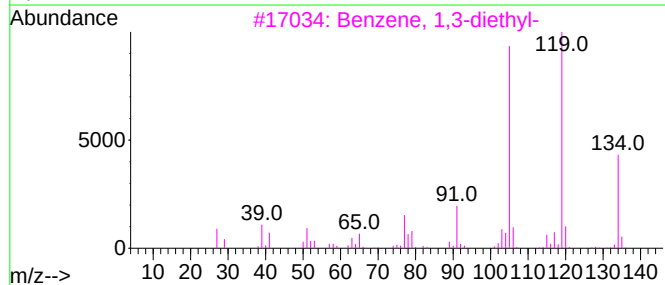
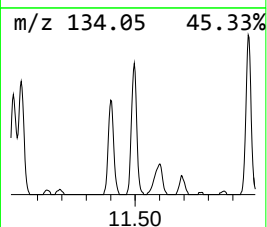
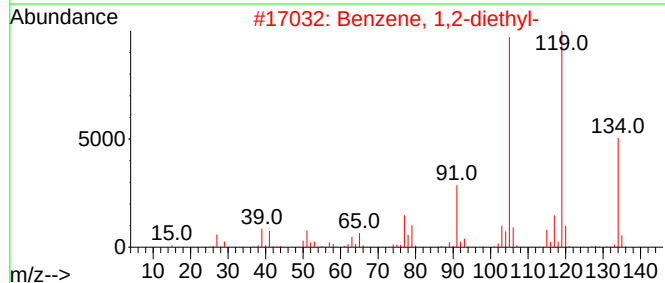
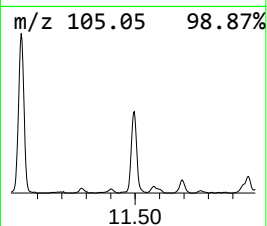
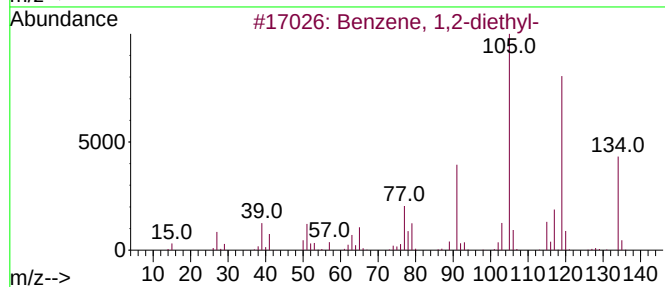
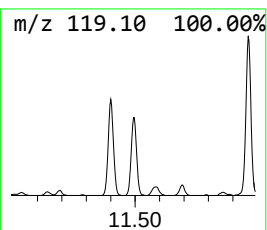
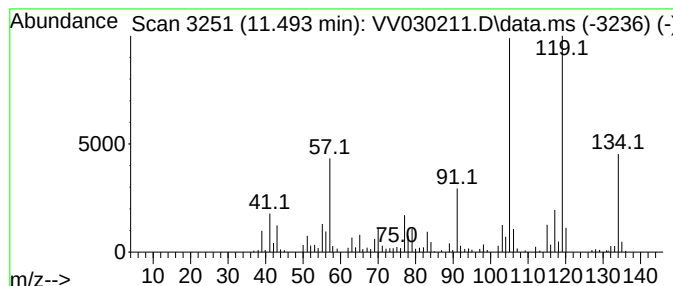
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.493 | 1.18 ug/L | 187476 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 96   |
| 2    |    |   | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 95   |
| 3    |    |   | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 93   |
| 4    |    |   | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 91   |
| 5    |    |   | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

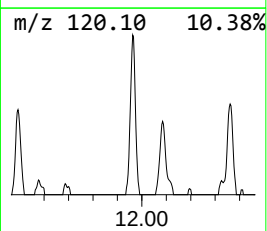
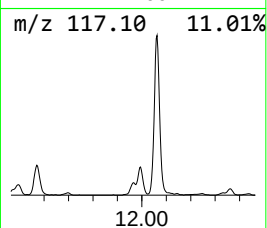
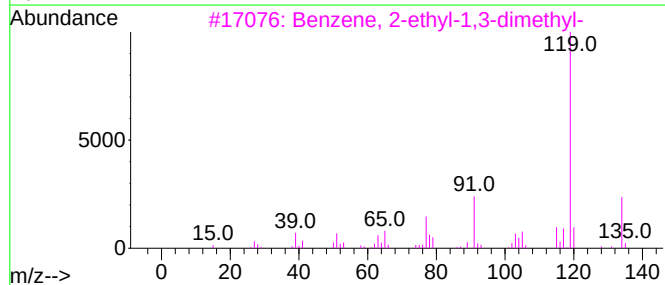
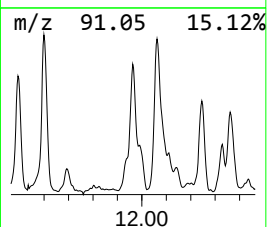
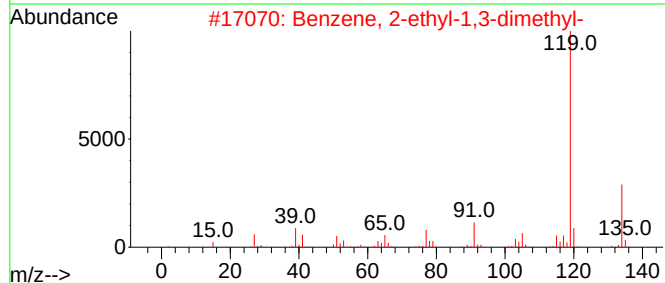
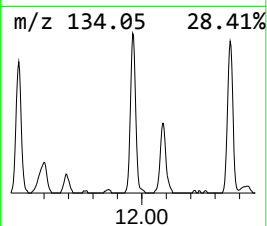
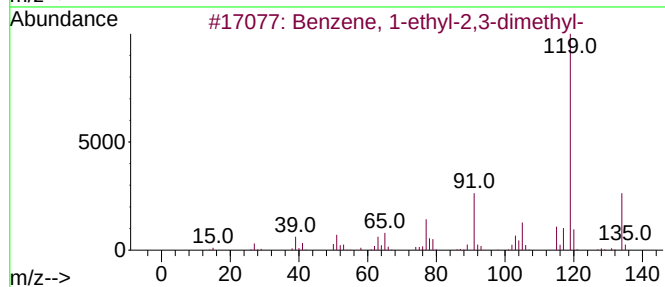
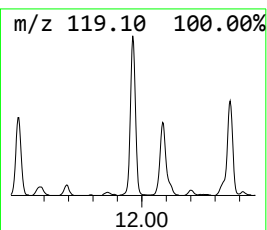
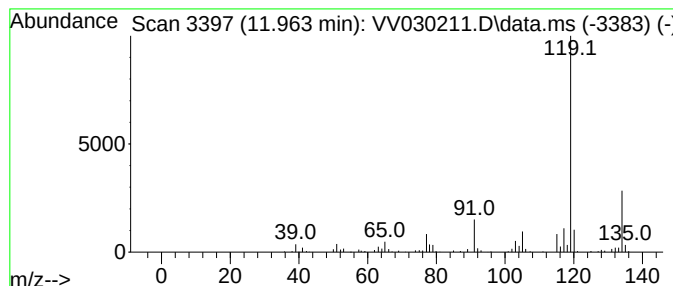
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.963 | 0.88 ug/L | 139918 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

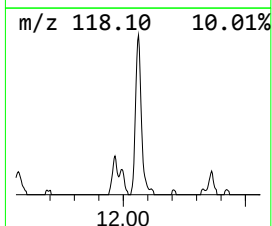
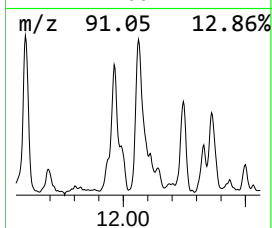
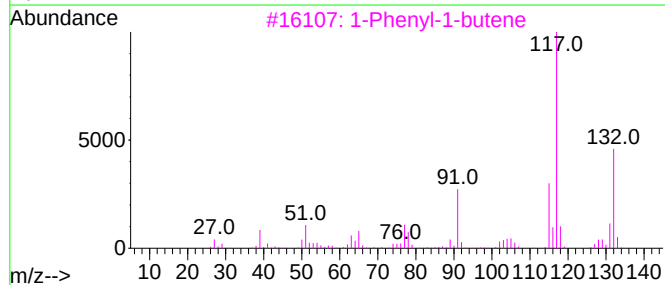
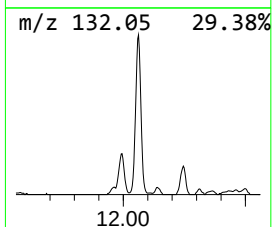
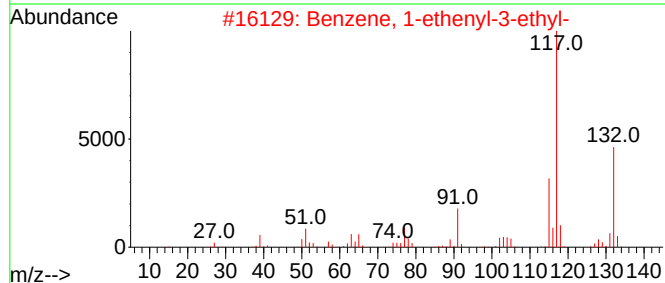
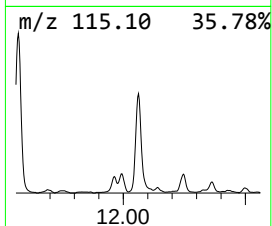
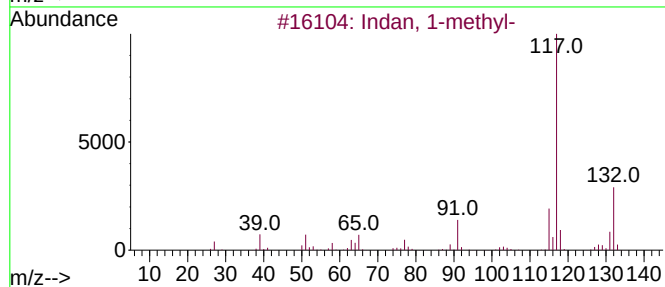
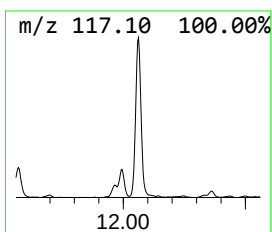
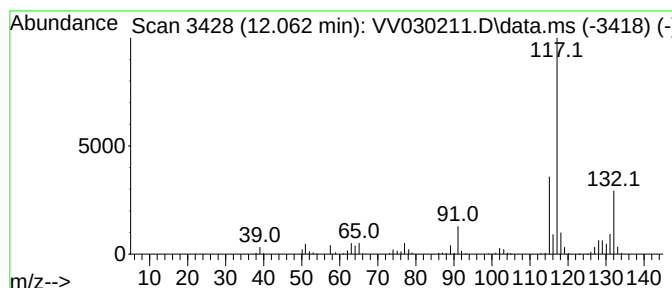
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Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 11 Indan, 1-methyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.062 | 1.75 ug/L | 277926 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Indan, 1-methyl-            | 132 | C10H12  | 000767-58-8 | 87   |
| 2    |      | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12  | 007525-62-4 | 86   |
| 3    |      | 1-Phenyl-1-butene           | 132 | C10H12  | 000824-90-8 | 83   |
| 4    |      | Indan, 1-methyl-            | 132 | C10H12  | 000767-58-8 | 81   |
| 5    |      | Benzene, 2-butenyl-         | 132 | C10H12  | 001560-06-1 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

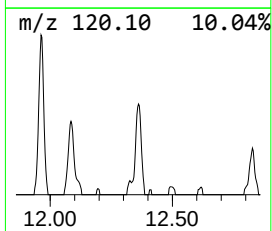
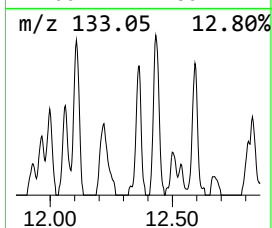
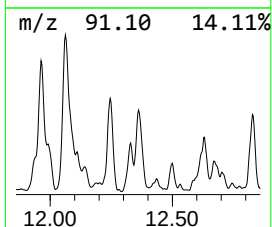
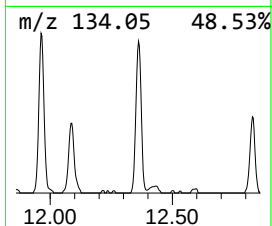
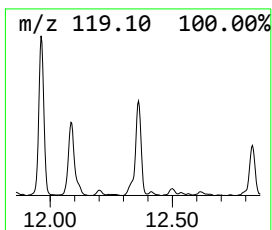
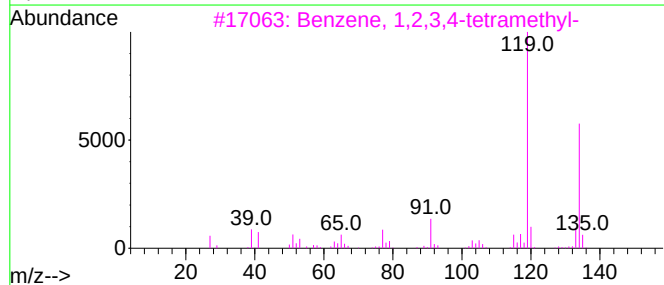
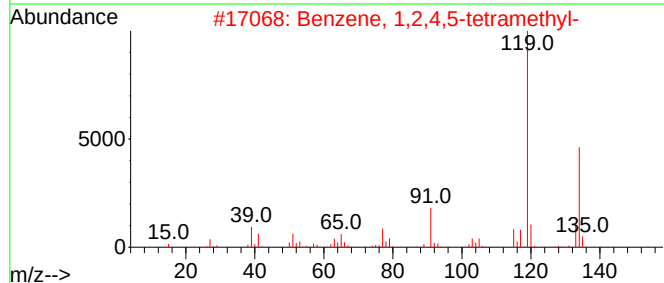
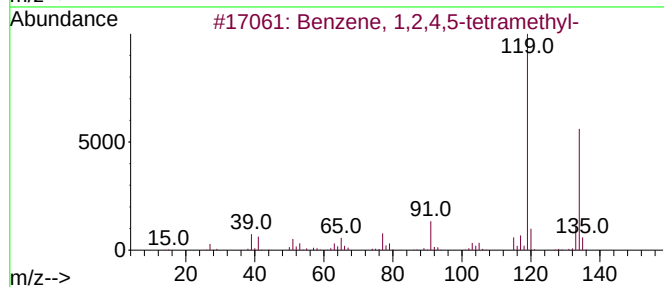
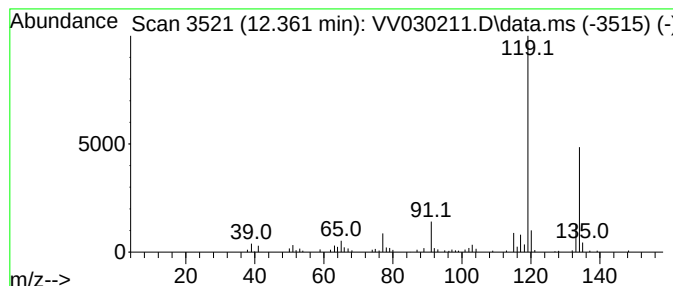
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.361 | 0.53 ug/L | 84495 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 95   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 95   |
| 3    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 93   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

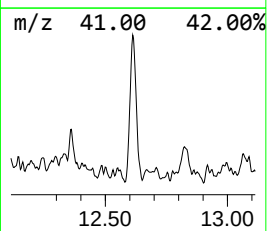
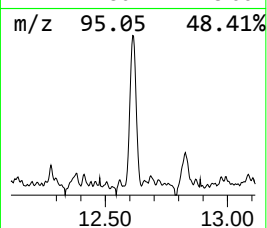
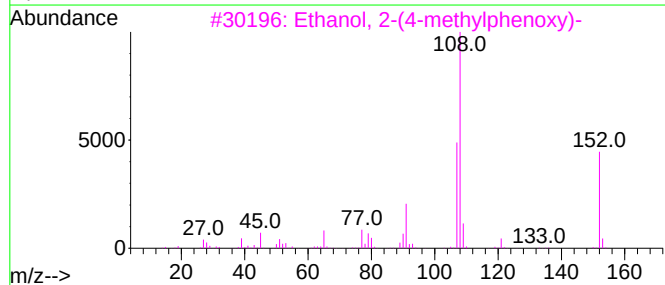
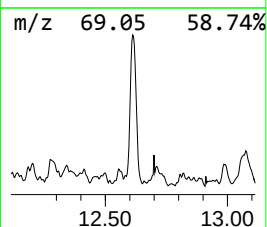
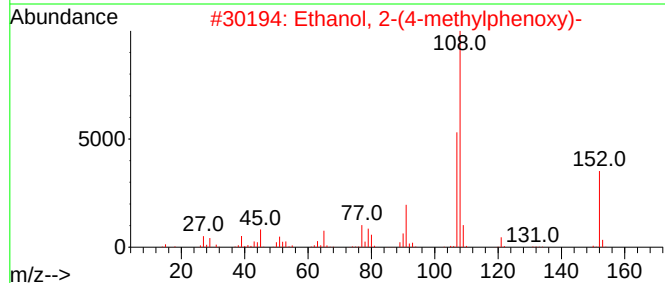
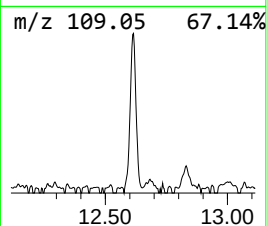
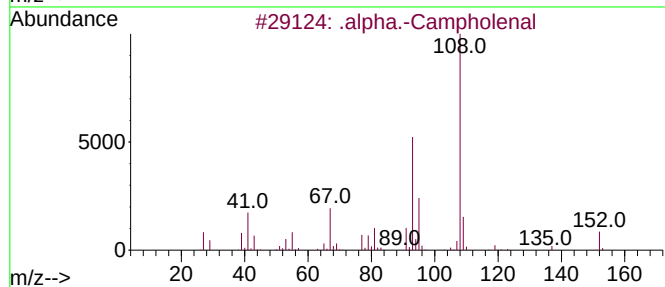
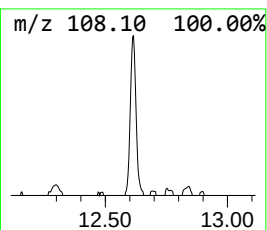
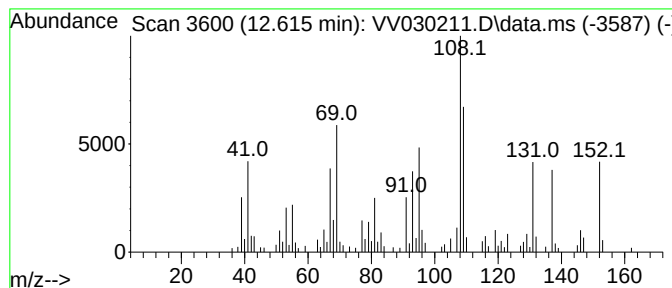
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 13 unknown-01 Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.615 | 0.74 ug/L | 118192 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of                                  | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|---------------------|-----|---------|-------------|------|
| 1    | .                                   |   | .alpha.-Campholenal | 152 | C10H16O | 004501-58-0 | 43   |
| 2    | Ethanol, 2-(4-methylphenoxy)-       |   |                     | 152 | C9H12O2 | 015149-10-7 | 30   |
| 3    | Ethanol, 2-(4-methylphenoxy)-       |   |                     | 152 | C9H12O2 | 015149-10-7 | 30   |
| 4    | Ethanol, 2-(3-methylphenoxy)-       |   |                     | 152 | C9H12O2 | 013605-19-1 | 30   |
| 5    | 1(2H)-Naphthalenone, octahydro-,... |   |                     | 152 | C10H16O | 021370-71-8 | 30   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

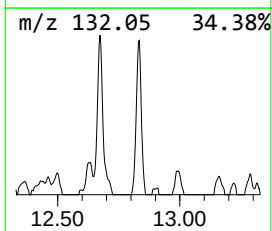
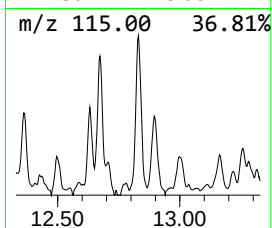
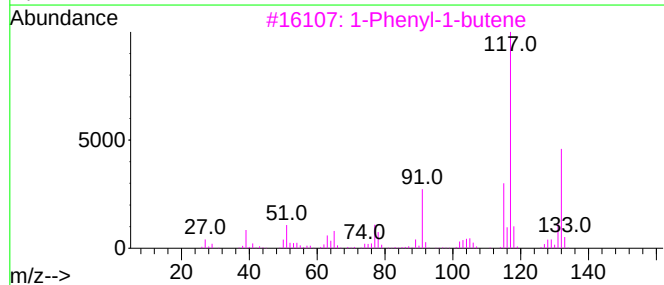
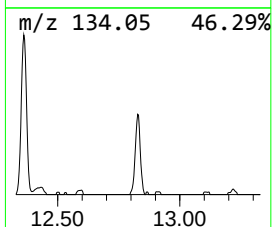
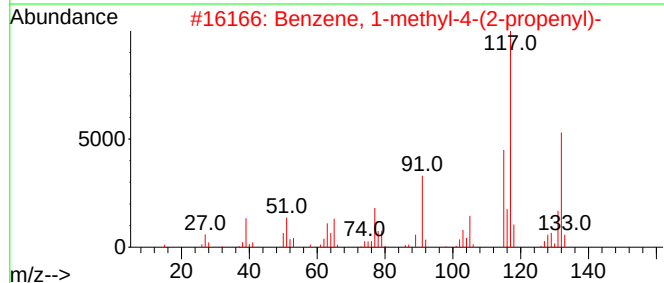
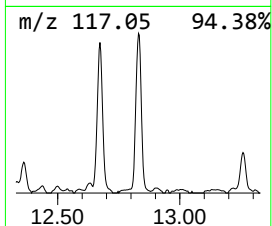
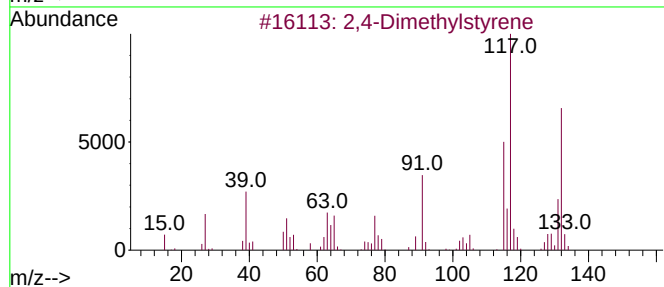
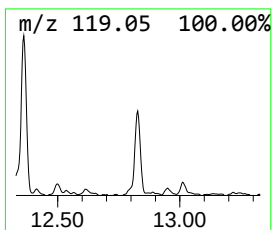
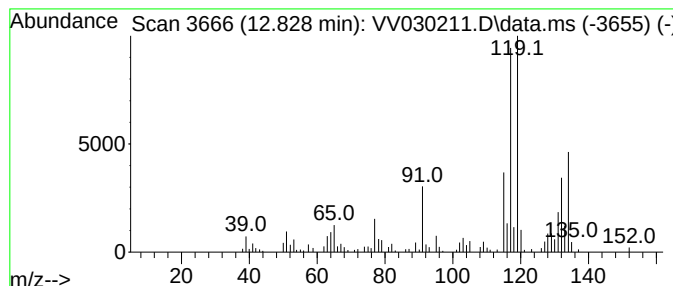
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 14 2,4-Dimethylstyrene Concentration Rank 11

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.828 | 0.64 ug/L | 101177 | 1,4-Dichlorobenzene-d4 | 11.194 |

| Hit# | of 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------------|-----|---------|-------------|------|
| 1    |      | 2,4-Dimethylstyrene                  | 132 | C10H12  | 002234-20-0 | 74   |
| 2    |      | Benzene, 1-methyl-4-(2-propenyl)-    | 132 | C10H12  | 003333-13-9 | 64   |
| 3    |      | 1-Phenyl-1-butene                    | 132 | C10H12  | 000824-90-8 | 50   |
| 4    |      | Benzene, 1-methyl-3-(1-methyleth...) | 134 | C10H14  | 000535-77-3 | 50   |
| 5    |      | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
Data File : VV030211.D  
Acq On : 15 Mar 2023 15:00  
Operator : SY/MD  
Sample : 01884-14  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CB927

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethyl ether        | 1.915  | 3.4     | ug/L  | 252781   | 1                     | 5.545  | 371746 | 5.0  |
| (DEL) Alkane: C... | 5.143  | 0.5     | ug/L  | 38989    | 1                     | 5.545  | 371746 | 5.0  |
| Cyclohexene, 1-... | 7.104  | 0.8     | ug/L  | 61811    | 1                     | 5.545  | 371746 | 5.0  |
| Benzene, (2-met... | 11.001 | 0.8     | ug/L  | 120381   | 3                     | 11.194 | 793783 | 5.0  |
| Benzeneacetalde... | 11.033 | 0.8     | ug/L  | 135528   | 3                     | 11.194 | 793783 | 5.0  |
| o-Cymene           | 11.400 | 0.6     | ug/L  | 90320    | 3                     | 11.194 | 793783 | 5.0  |
| Benzene, 1,2-di... | 11.493 | 1.2     | ug/L  | 187476   | 3                     | 11.194 | 793783 | 5.0  |
| Benzene, 1-ethy... | 11.963 | 0.9     | ug/L  | 139918   | 3                     | 11.194 | 793783 | 5.0  |
| Indan, 1-methyl-   | 12.062 | 1.8     | ug/L  | 277926   | 3                     | 11.194 | 793783 | 5.0  |
| Benzene, 1,2,4,... | 12.361 | 0.5     | ug/L  | 84495    | 3                     | 11.194 | 793783 | 5.0  |
| unknown-01         | 12.615 | 0.7     | ug/L  | 118192   | 3                     | 11.194 | 793783 | 5.0  |
| 2,4-Dimethylsty... | 12.828 | 0.6     | ug/L  | 101177   | 3                     | 11.194 | 793783 | 5.0  |