

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
 Data File : VV028666.D  
 Acq On : 21 Oct 2022 16:47  
 Operator : SY/MD  
 Sample : N5216-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHAC0

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\SFAMVTR102022WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028666.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         | 1.304       | 75            | 82          | 92           | rBV      | 110170         | 115478        | 6.99%           | 1.147%        |
| 2         | 1.564       | 156           | 163         | 175          | rVB      | 105854         | 121792        | 7.37%           | 1.209%        |
| 3         | 2.104       | 320           | 331         | 351          | rBV2     | 208792         | 375806        | 22.74%          | 3.732%        |
| 4         | 2.494       | 440           | 452         | 468          | rVB      | 150326         | 285383        | 17.27%          | 2.834%        |
| 5         | 3.532       | 761           | 775         | 787          | rBV5     | 10483          | 26026         | 1.57%           | 0.258%        |
| 6         | 3.661       | 798           | 815         | 833          | rBV2     | 100388         | 265144        | 16.04%          | 2.633%        |
| 7         | 3.895       | 865           | 888         | 912          | rBV      | 40815          | 156679        | 9.48%           | 1.556%        |
| 8         | 4.342       | 1010          | 1027        | 1062         | rVB      | 111524         | 331325        | 20.05%          | 3.290%        |
| 9         | 4.757       | 1136          | 1156        | 1176         | rBV2     | 158573         | 403454        | 24.41%          | 4.006%        |
| 10        | 5.043       | 1228          | 1245        | 1275         | rBV2     | 265775         | 669191        | 40.49%          | 6.645%        |
| 11        | 5.227       | 1278          | 1302        | 1325         | rVB      | 679455         | 1652528       | 100.00%         | 16.410%       |
| 12        | 5.612       | 1409          | 1422        | 1441         | rBV      | 183439         | 382096        | 23.12%          | 3.794%        |
| 13        | 6.066       | 1552          | 1563        | 1589         | rBV      | 155609         | 341214        | 20.65%          | 3.388%        |
| 14        | 6.252       | 1610          | 1621        | 1629         | rVV3     | 21063          | 44536         | 2.70%           | 0.442%        |
| 15        | 6.304       | 1629          | 1637        | 1651         | rVB3     | 27031          | 58075         | 3.51%           | 0.577%        |
| 16        | 6.648       | 1726          | 1744        | 1763         | rBV      | 322817         | 638959        | 38.67%          | 6.345%        |
| 17        | 6.770       | 1763          | 1782        | 1801         | rBV      | 339077         | 702133        | 42.49%          | 6.972%        |
| 18        | 6.982       | 1838          | 1848        | 1859         | rBV3     | 60777          | 113054        | 6.84%           | 1.123%        |
| 19        | 7.255       | 1920          | 1933        | 1941         | rBV      | 32632          | 62527         | 3.78%           | 0.621%        |
| 20        | 7.310       | 1941          | 1950        | 1971         | rVB      | 301027         | 527438        | 31.92%          | 5.238%        |
| 21        | 7.619       | 2038          | 2046        | 2064         | rVB2     | 29226          | 59177         | 3.58%           | 0.588%        |
| 22        | 7.837       | 2103          | 2114        | 2121         | rBV2     | 17058          | 32514         | 1.97%           | 0.323%        |
| 23        | 8.088       | 2180          | 2192        | 2220         | rBV      | 211972         | 585521        | 35.43%          | 5.814%        |
| 24        | 8.847       | 2417          | 2428        | 2451         | rBV      | 274096         | 478635        | 28.96%          | 4.753%        |
| 25        | 10.120      | 2814          | 2824        | 2835         | rVB4     | 12028          | 21373         | 1.29%           | 0.212%        |
| 26        | 10.210      | 2840          | 2852        | 2869         | rBV      | 96036          | 165107        | 9.99%           | 1.640%        |
| 27        | 10.857      | 3040          | 3053        | 3063         | rBV3     | 15275          | 27397         | 1.66%           | 0.272%        |
| 28        | 11.242      | 3161          | 3173        | 3193         | rBV      | 266016         | 436975        | 26.44%          | 4.339%        |
| 29        | 11.615      | 3278          | 3289        | 3308         | rBV      | 257350         | 418307        | 25.31%          | 4.154%        |
| 30        | 12.291      | 3490          | 3499        | 3508         | rVB2     | 14875          | 25559         | 1.55%           | 0.254%        |
| 31        | 12.541      | 3567          | 3577        | 3588         | rVB2     | 19800          | 31102         | 1.88%           | 0.309%        |
| 32        | 12.680      | 3609          | 3620        | 3624         | rBV4     | 11965          | 20207         | 1.22%           | 0.201%        |
| 33        | 12.747      | 3632          | 3641        | 3651         | rVB3     | 19002          | 28281         | 1.71%           | 0.281%        |
| 34        | 12.815      | 3651          | 3662        | 3672         | rVB3     | 17396          | 27782         | 1.68%           | 0.276%        |
| 35        | 12.901      | 3682          | 3689        | 3697         | rBV3     | 13700          | 19790         | 1.20%           | 0.197%        |
| 36        | 13.001      | 3711          | 3720        | 3731         | rVB3     | 11903          | 21762         | 1.32%           | 0.216%        |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHAC0

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\SFAMVTR102022WMA.M  
 Title : TRACE VOA SFAM1.0

|    |        |      |      |      |       |       |       |       |        |
|----|--------|------|------|------|-------|-------|-------|-------|--------|
| 37 | 13.204 | 3768 | 3783 | 3793 | rVB3  | 10457 | 30517 | 1.85% | 0.303% |
| 38 | 13.326 | 3805 | 3821 | 3830 | rVB2  | 45737 | 94914 | 5.74% | 0.943% |
| 39 | 13.606 | 3901 | 3908 | 3918 | rVB2  | 10963 | 20711 | 1.25% | 0.206% |
| 40 | 13.696 | 3920 | 3936 | 3946 | rBV2  | 28409 | 52095 | 3.15% | 0.517% |
| 41 | 13.766 | 3951 | 3958 | 3969 | rVB4  | 12836 | 22721 | 1.37% | 0.226% |
| 42 | 14.220 | 4088 | 4099 | 4108 | rBV2  | 29399 | 50255 | 3.04% | 0.499% |
| 43 | 14.281 | 4110 | 4118 | 4133 | rVB2  | 17261 | 40273 | 2.44% | 0.400% |
| 44 | 14.438 | 4156 | 4167 | 4175 | rBV5  | 10839 | 22380 | 1.35% | 0.222% |
| 45 | 14.564 | 4198 | 4206 | 4213 | rBV10 | 11277 | 19547 | 1.18% | 0.194% |
| 46 | 14.670 | 4232 | 4239 | 4249 | rVB10 | 11012 | 19192 | 1.16% | 0.191% |
| 47 | 14.818 | 4279 | 4285 | 4295 | rVB8  | 14349 | 25233 | 1.53% | 0.251% |

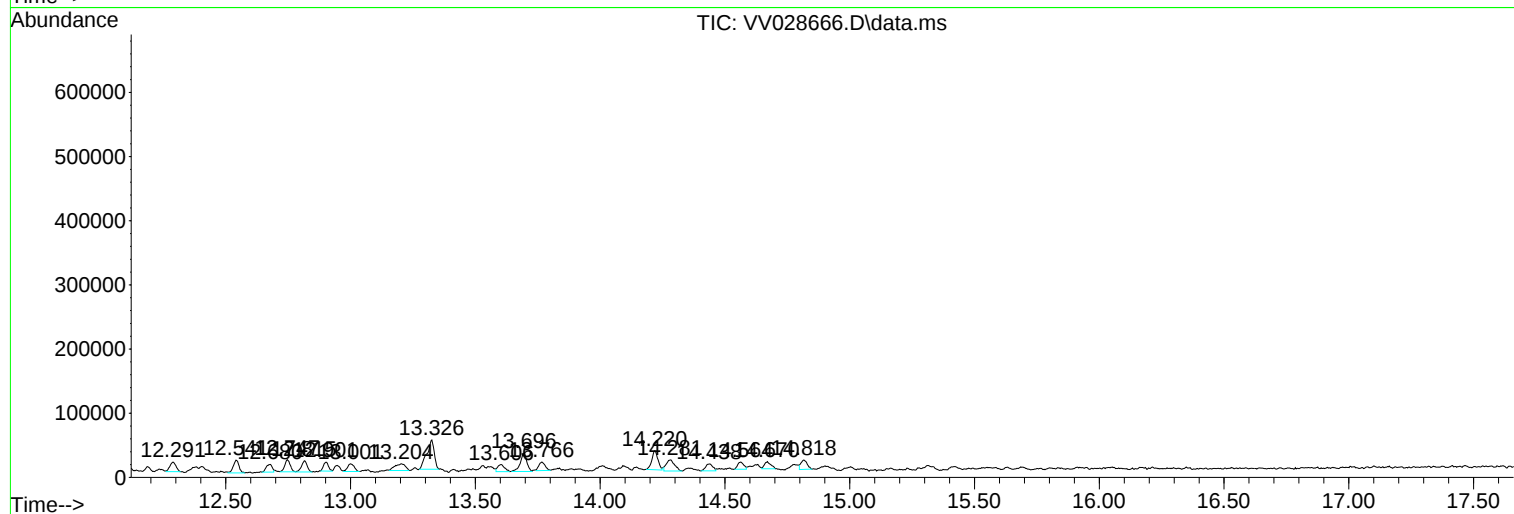
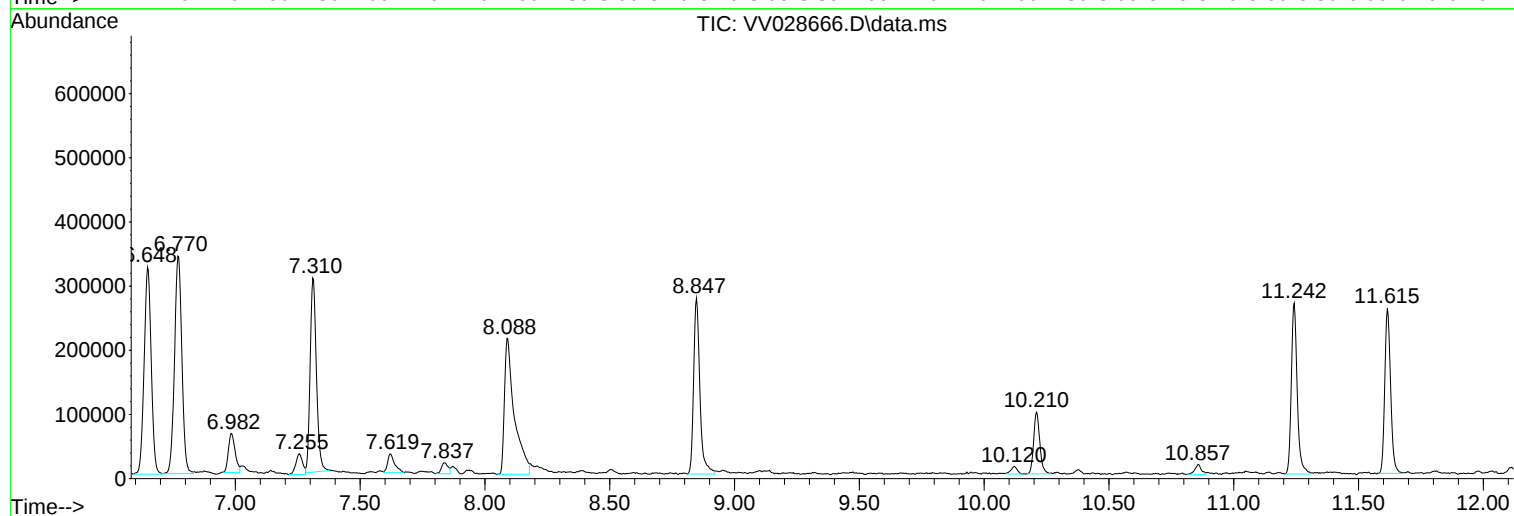
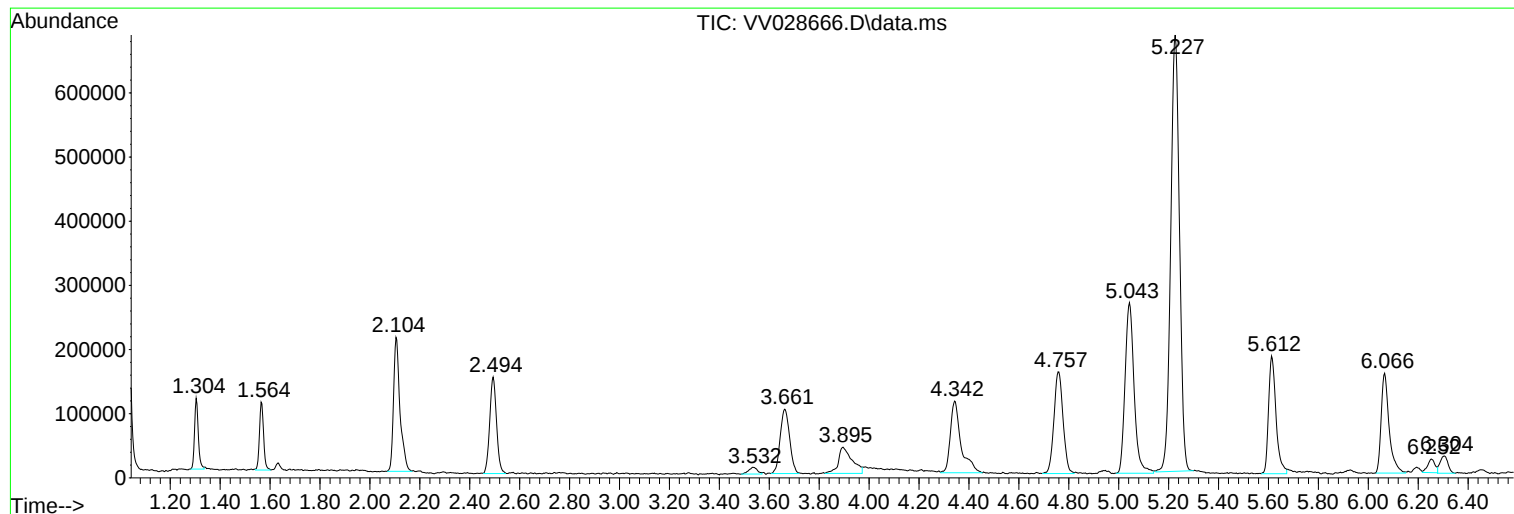
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Sample : N5216-12  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

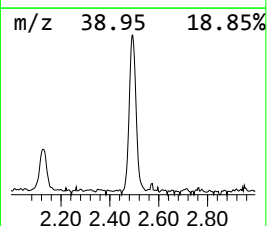
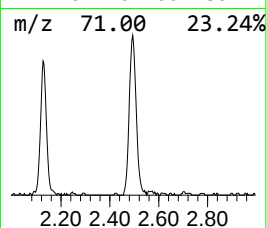
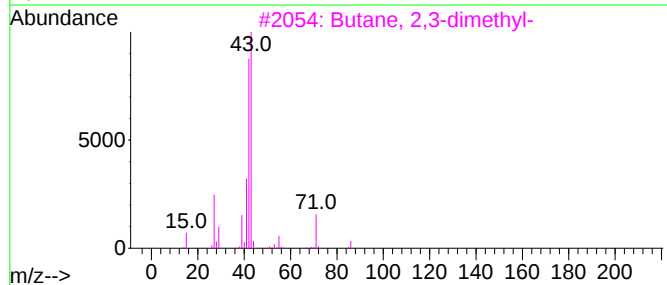
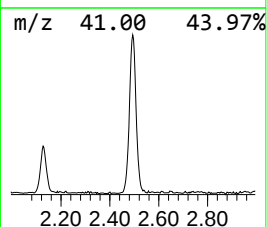
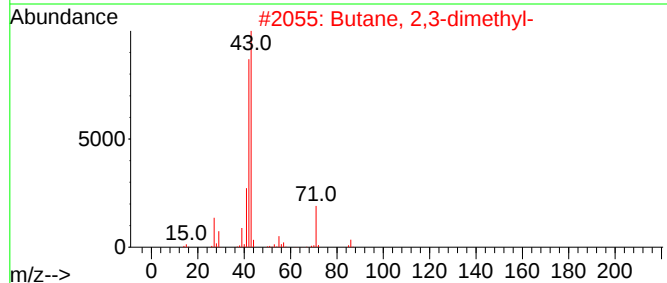
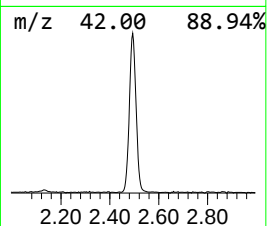
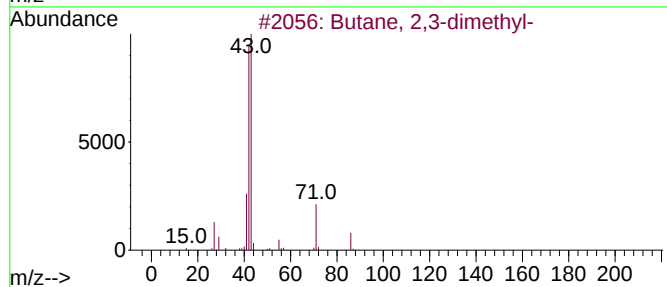
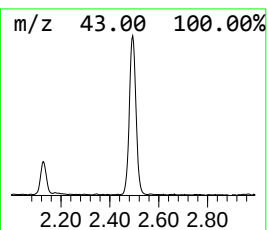
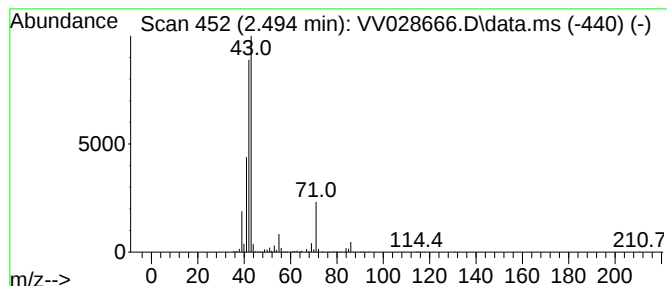
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.494 | 3.73 ug/L | 285383 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|------|-----------------------|----|---------|-------------|------|
| 1    |      | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 86   |
| 2    |      | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 86   |
| 3    |      | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 86   |
| 4    |      | Pentane, 2-methyl-    | 86 | C6H14   | 000107-83-5 | 47   |
| 5    |      | Butane, 2,3-dimethyl- | 86 | C6H14   | 000079-29-8 | 46   |



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Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

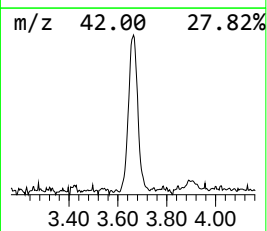
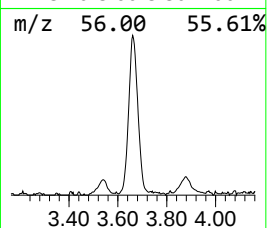
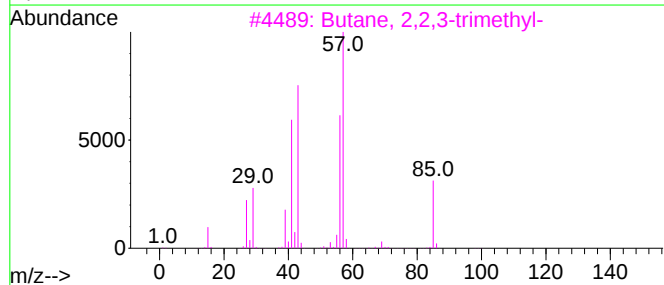
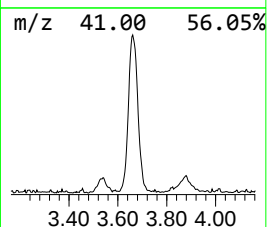
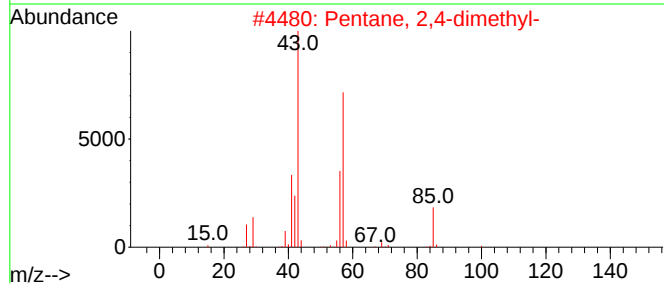
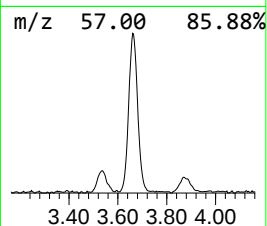
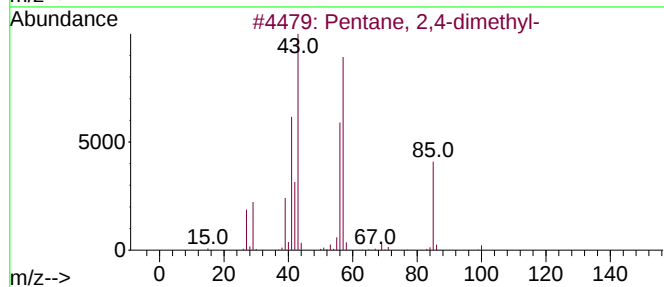
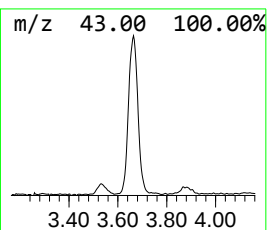
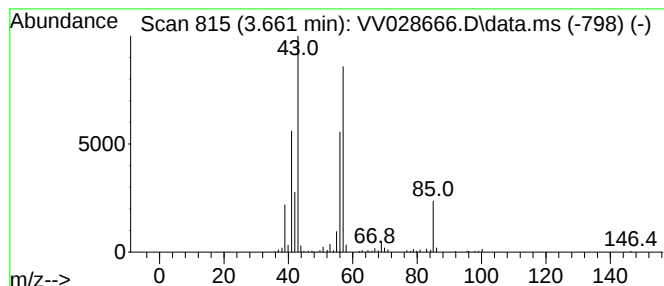
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 3.661 | 3.47 ug/L | 265144 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,4-dimethyl-        | 100 | C7H16   | 000108-08-7 | 83   |
| 2    |    |   | Pentane, 2,4-dimethyl-        | 100 | C7H16   | 000108-08-7 | 80   |
| 3    |    |   | Butane, 2,2,3-trimethyl-      | 100 | C7H16   | 000464-06-2 | 59   |
| 4    |    |   | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4 | 59   |
| 5    |    |   | Butane, 2,2,3-trimethyl-      | 100 | C7H16   | 000464-06-2 | 59   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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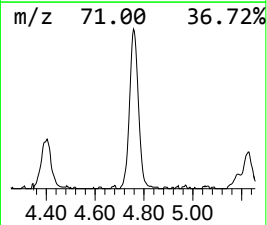
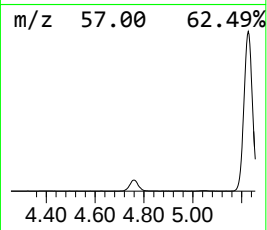
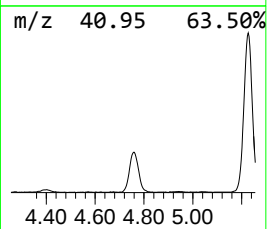
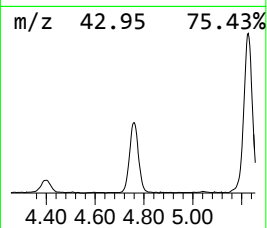
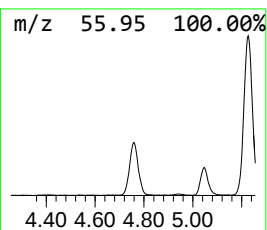
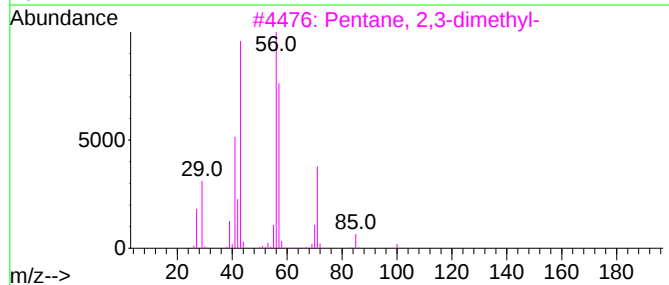
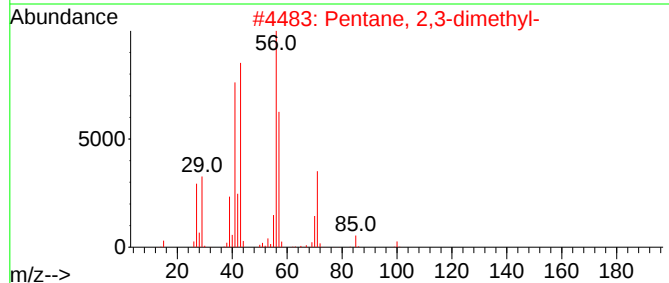
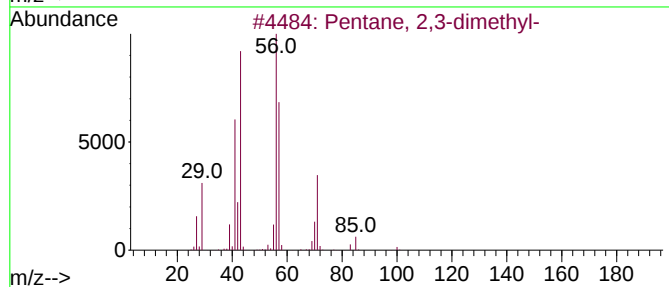
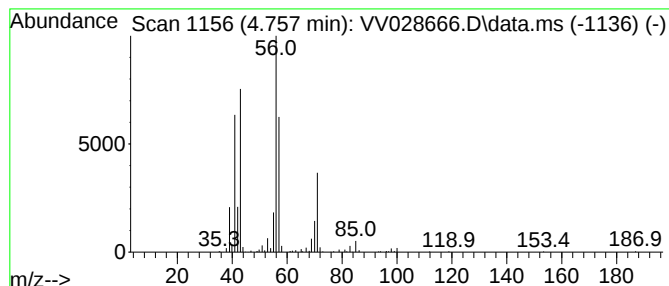
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 4.757 | 5.28 ug/L | 403454 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3-dimethyl- | 100 | C7H16   | 000565-59-3 | 94   |
| 2    |    |   | Pentane, 2,3-dimethyl- | 100 | C7H16   | 000565-59-3 | 91   |
| 3    |    |   | Pentane, 2,3-dimethyl- | 100 | C7H16   | 000565-59-3 | 91   |
| 4    |    |   | Pentane, 2,3-dimethyl- | 100 | C7H16   | 000565-59-3 | 91   |
| 5    |    |   | 1-Hexene, 5-methyl-    | 98  | C7H14   | 003524-73-0 | 47   |



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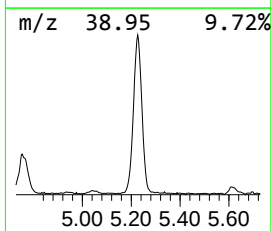
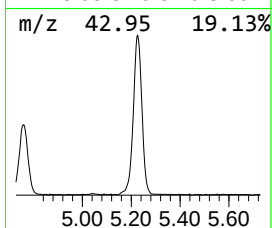
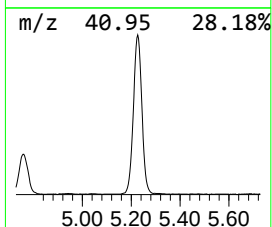
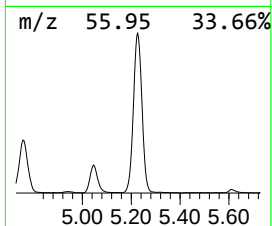
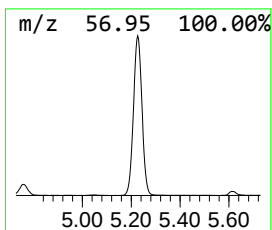
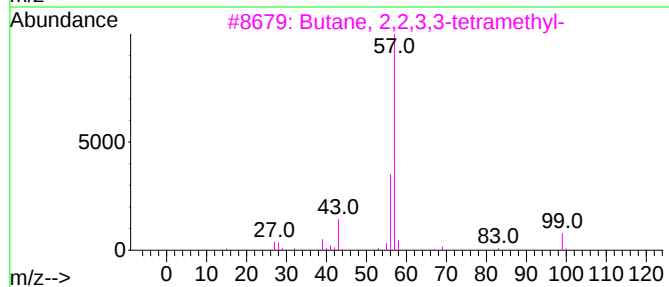
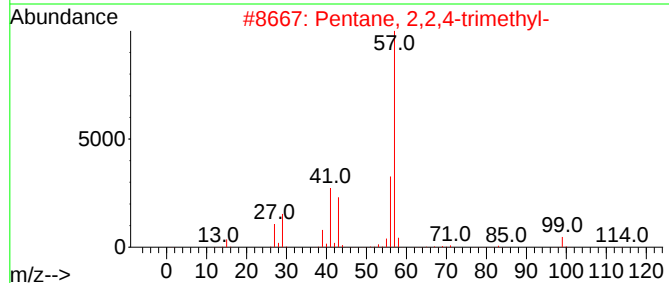
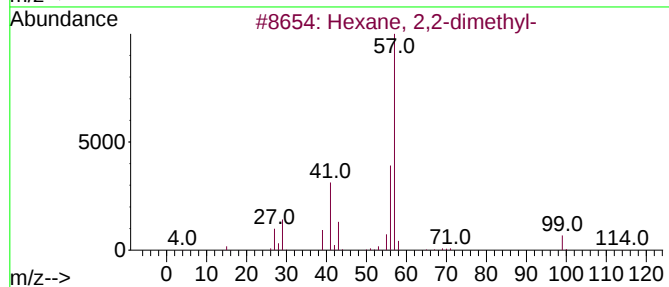
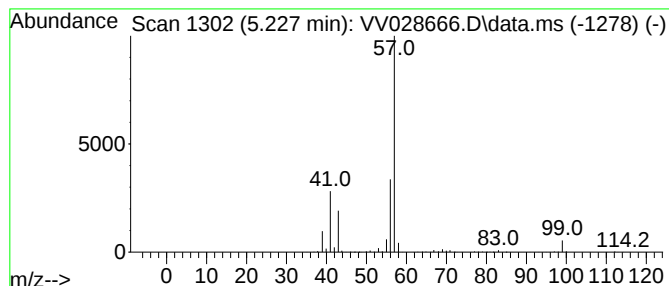
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Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 5.227 | 21.62 ug/L | 1652530 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2,2-dimethyl-        | 114 | C8H18   | 000590-73-8 | 72   |
| 2    |    |   | Pentane, 2,2,4-trimethyl-    | 114 | C8H18   | 000540-84-1 | 72   |
| 3    |    |   | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18   | 000594-82-1 | 72   |
| 4    |    |   | Pentane, 2,2,4-trimethyl-    | 114 | C8H18   | 000540-84-1 | 72   |
| 5    |    |   | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18   | 000594-82-1 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

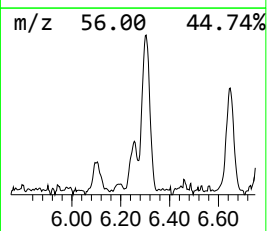
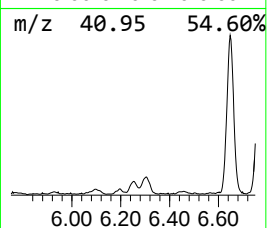
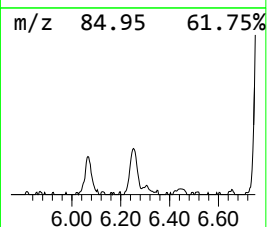
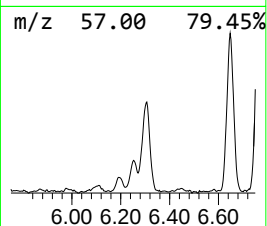
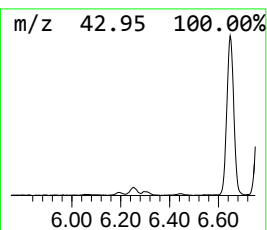
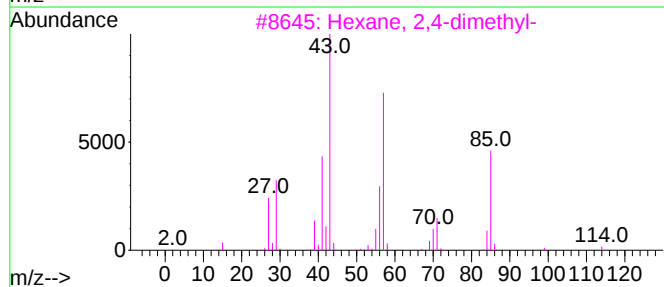
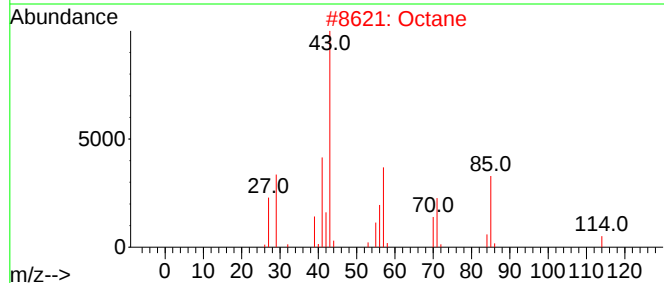
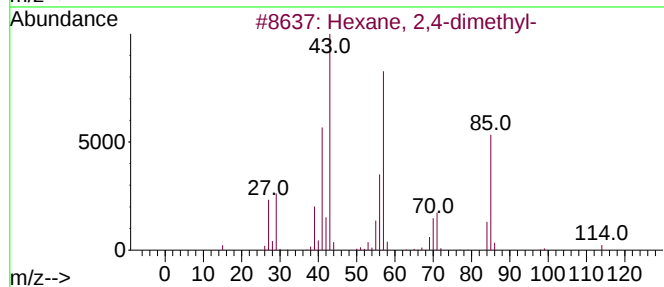
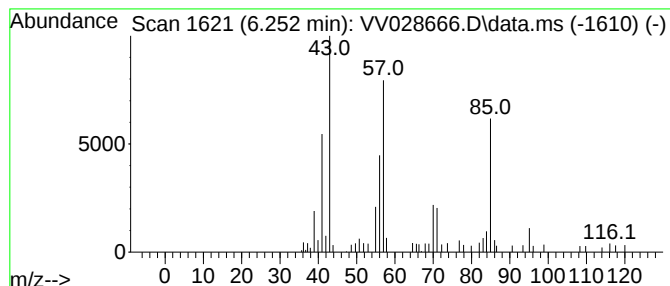
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.252 | 0.58 ug/L | 44536 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of                    | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Hexane, 2,4-dimethyl- |   |              | 114 | C8H18   | 000589-43-5 | 72   |
| 2    | Octane                |   |              | 114 | C8H18   | 000111-65-9 | 59   |
| 3    | Hexane, 2,4-dimethyl- |   |              | 114 | C8H18   | 000589-43-5 | 58   |
| 4    | Hexane, 2,4-dimethyl- |   |              | 114 | C8H18   | 000589-43-5 | 58   |
| 5    | Hexane, 2,4-dimethyl- |   |              | 114 | C8H18   | 000589-43-5 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

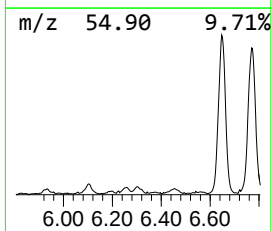
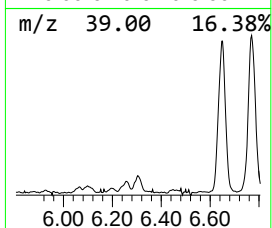
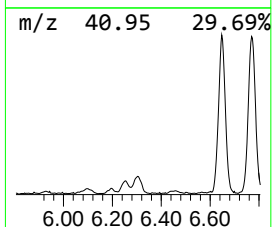
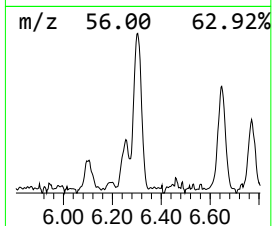
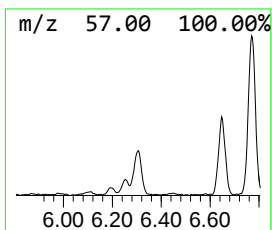
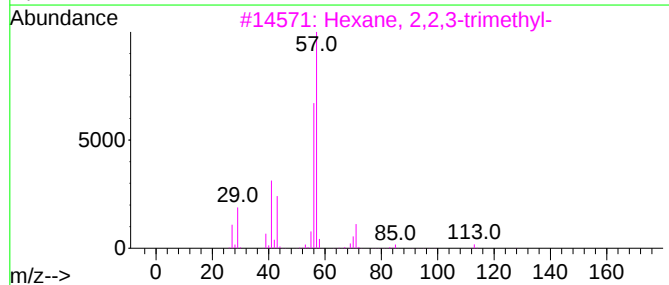
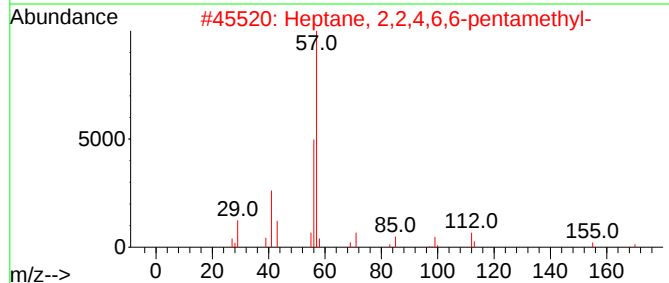
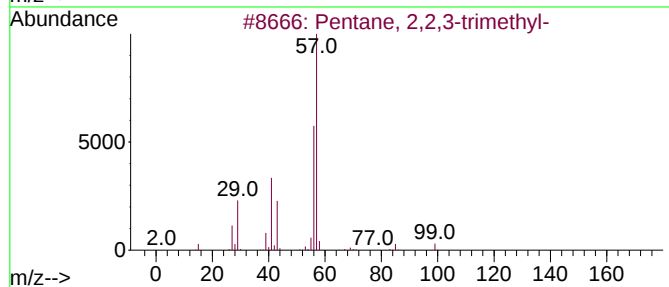
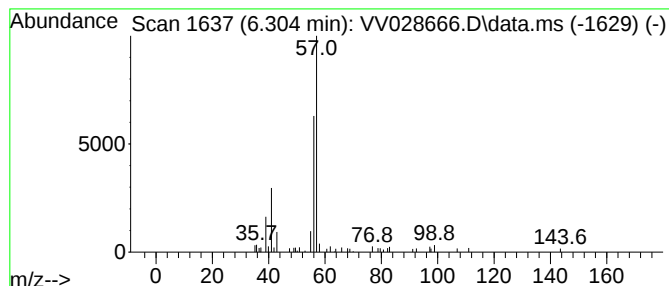
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.304 | 0.76 ug/L | 58075 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------------|-----|---------|-------------|------|
| 1    |      | Pentane, 2,2,3-trimethyl-       | 114 | C8H18   | 000564-02-3 | 53   |
| 2    |      | Heptane, 2,2,4,6,6-pentamethyl- | 170 | C12H26  | 013475-82-6 | 42   |
| 3    |      | Hexane, 2,2,3-trimethyl-        | 128 | C9H20   | 016747-25-4 | 36   |
| 4    |      | Heptane, 2,2,4-trimethyl-       | 142 | C10H22  | 014720-74-2 | 36   |
| 5    |      | Hexane, 2,2,5,5-tetramethyl-    | 142 | C10H22  | 001071-81-4 | 36   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

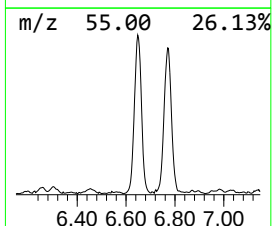
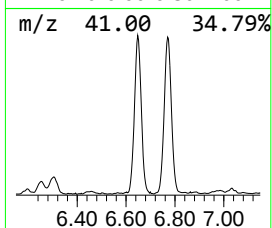
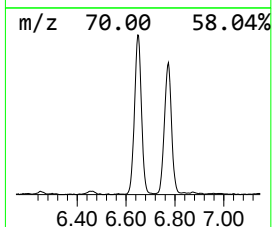
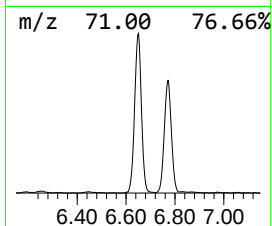
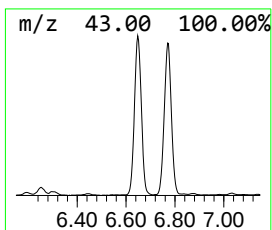
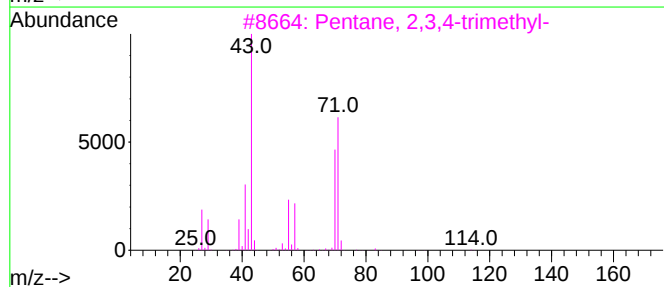
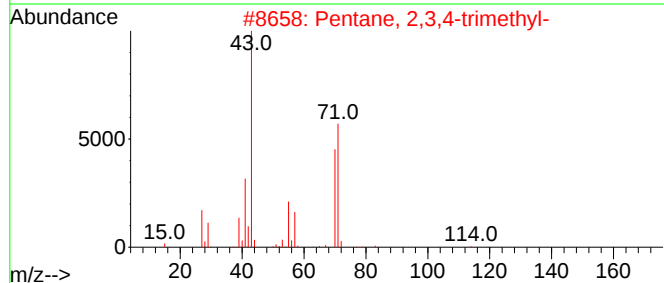
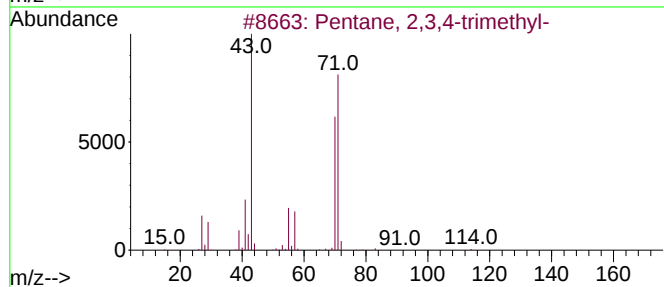
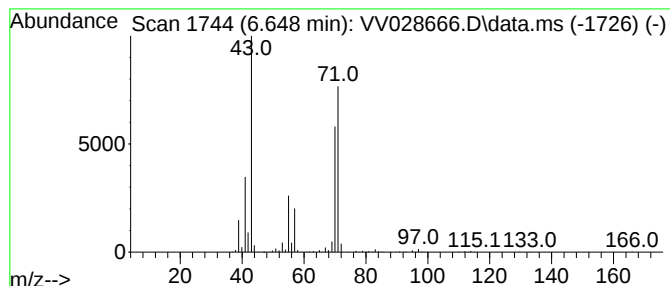
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 6.648 | 8.36 ug/L | 638959 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 91   |
| 2    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 91   |
| 3    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 91   |
| 4    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 91   |
| 5    |      | Pentane, 3-ethyl-         | 100 | C7H16   | 000617-78-7 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

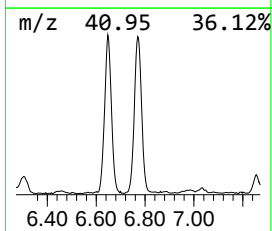
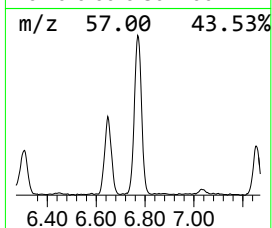
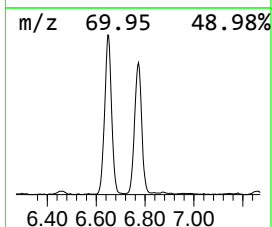
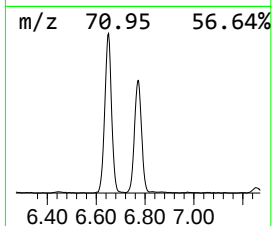
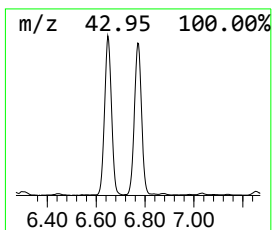
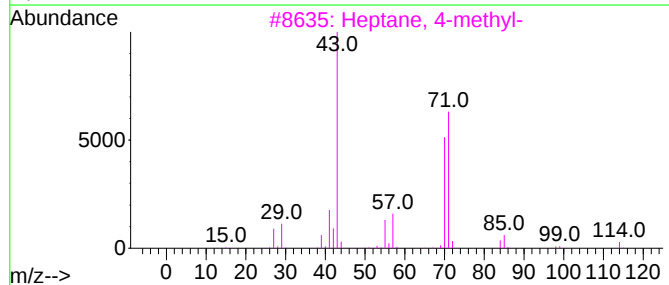
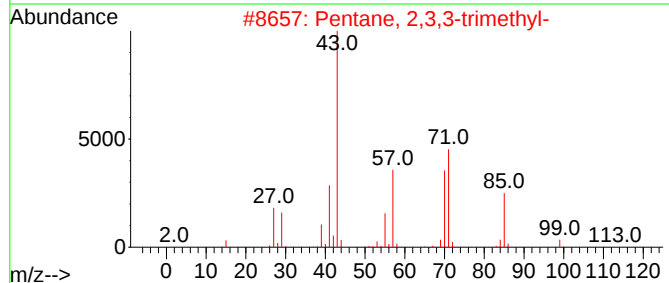
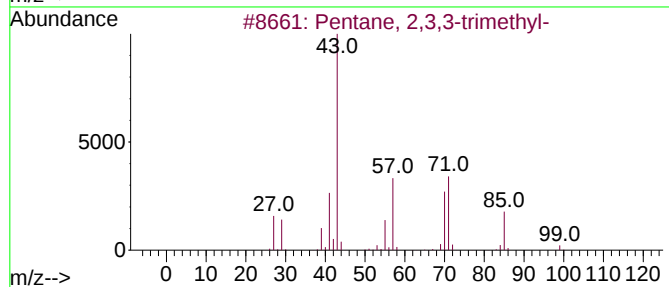
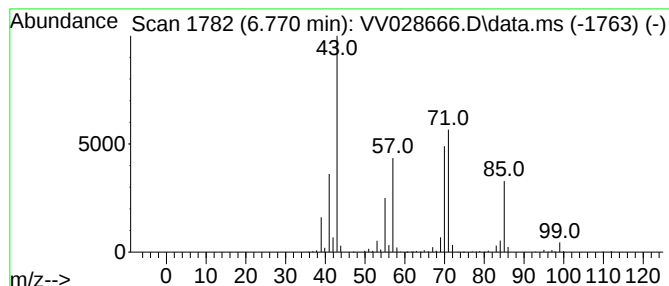
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 6.770 | 9.19 ug/L | 702133 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 83   |
| 2    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 83   |
| 3    |    |   | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 64   |
| 4    |    |   | Hexane, 2,3,4-trimethyl-  | 128 | C9H20   | 000921-47-1 | 64   |
| 5    |    |   | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

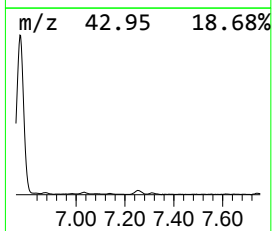
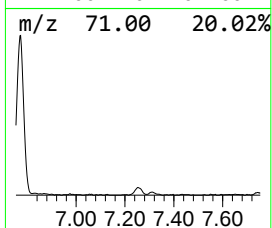
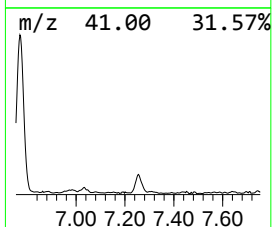
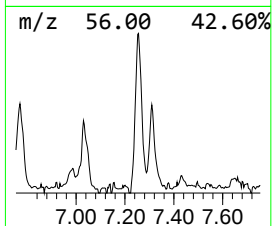
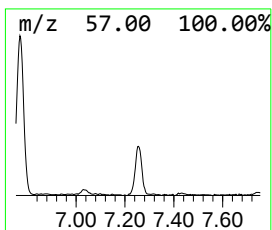
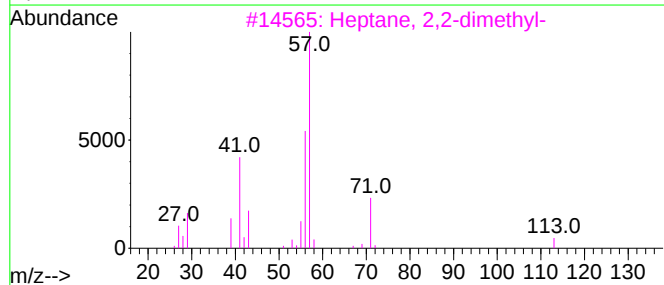
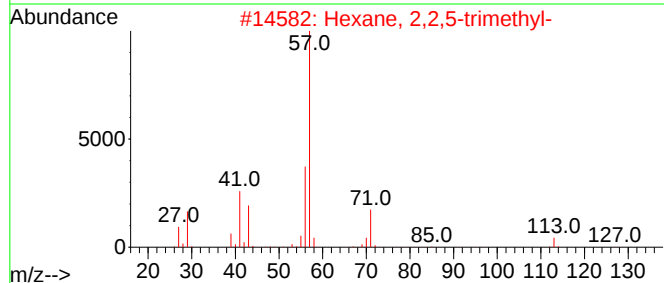
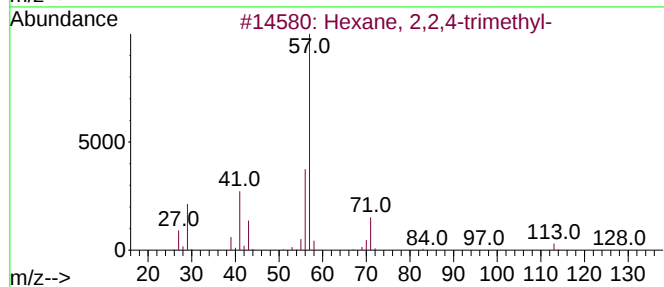
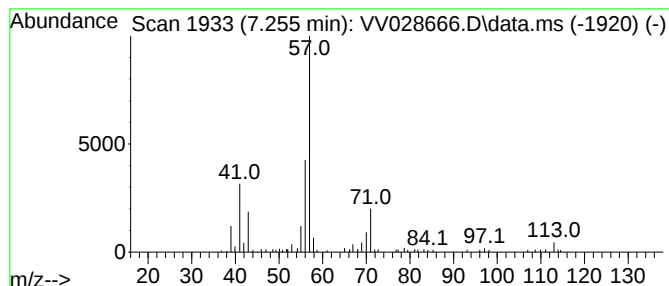
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Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 7.255 | 0.65 ug/L | 62527 | Chlorobenzene-d5 | 8.847 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | Hexane, 2,2,4-trimethyl-      | 128 | C9H20   | 016747-26-5 | 72   |
| 2    |      | Hexane, 2,2,5-trimethyl-      | 128 | C9H20   | 003522-94-9 | 72   |
| 3    |      | Heptane, 2,2-dimethyl-        | 128 | C9H20   | 001071-26-7 | 64   |
| 4    |      | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4 | 59   |
| 5    |      | Hexane, 2,2,4-trimethyl-      | 128 | C9H20   | 016747-26-5 | 56   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

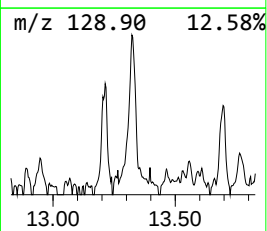
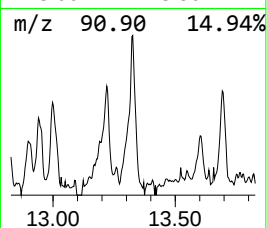
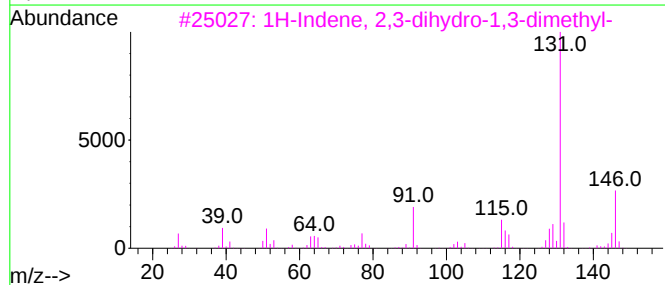
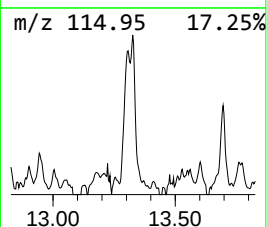
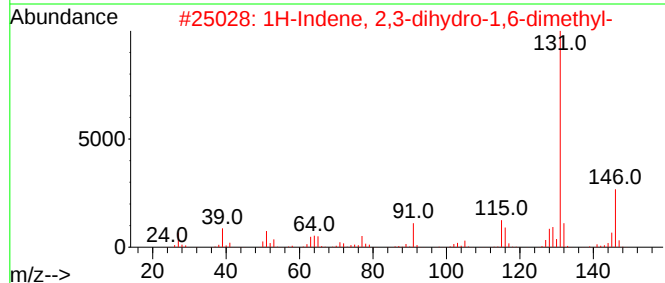
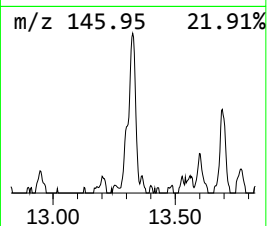
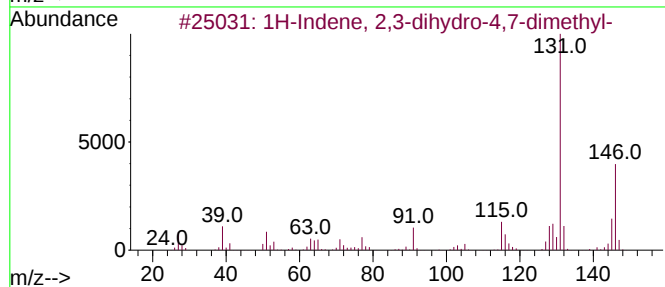
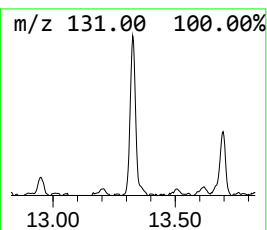
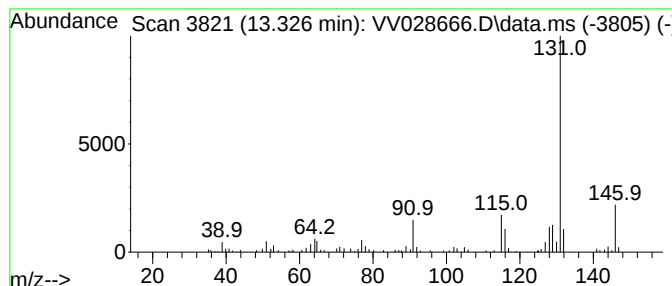
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.326 | 1.09 ug/L | 94914 | 1,4-Dichlorobenzene-d4 | 11.242 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 94   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 91   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 91   |
| 5    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

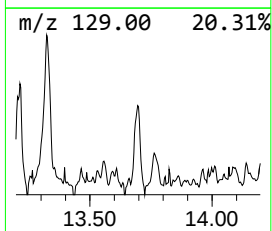
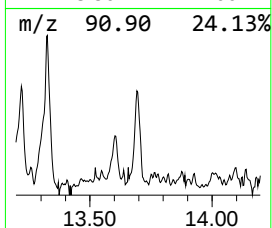
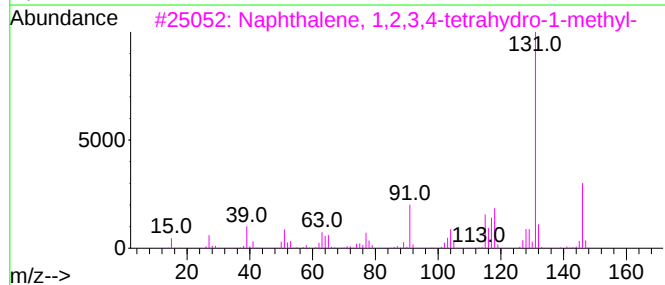
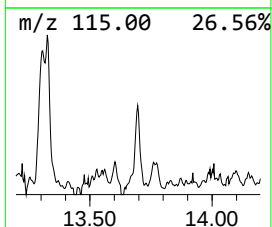
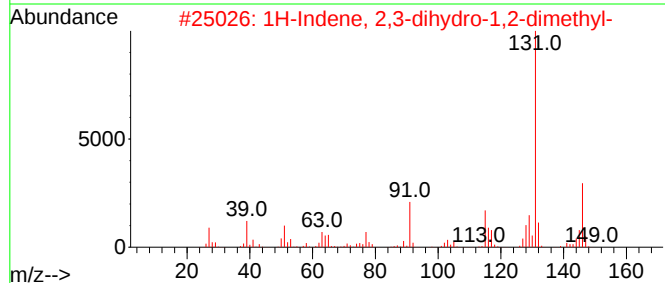
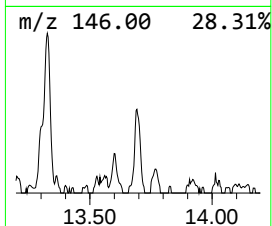
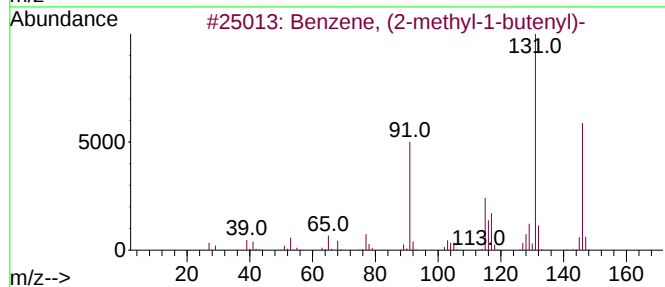
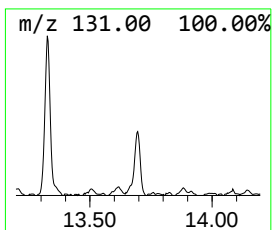
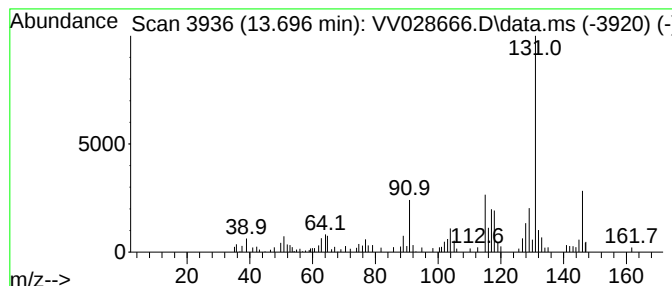
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.696 | 0.60 ug/L | 52095 | 1,4-Dichlorobenzene-d4 | 11.242 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 89   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 81   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 81   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 81   |
| 5    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

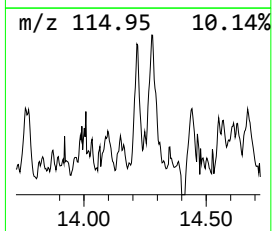
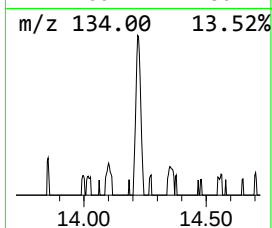
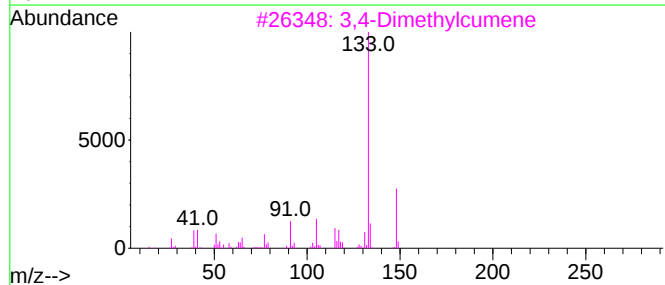
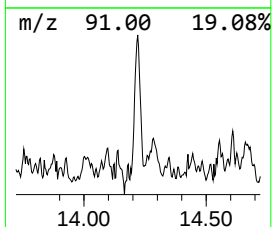
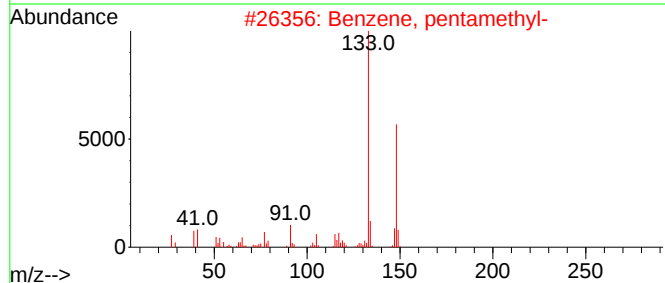
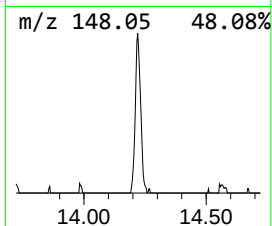
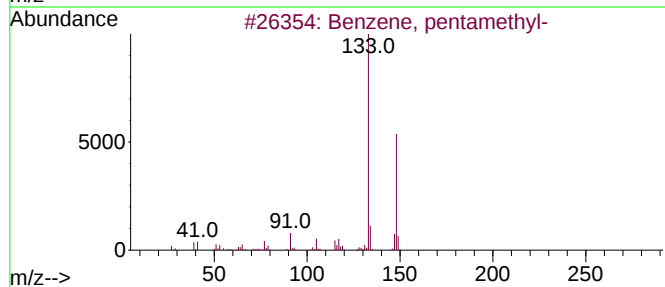
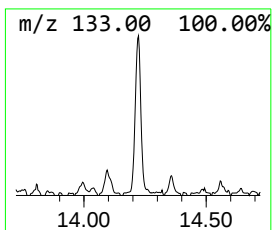
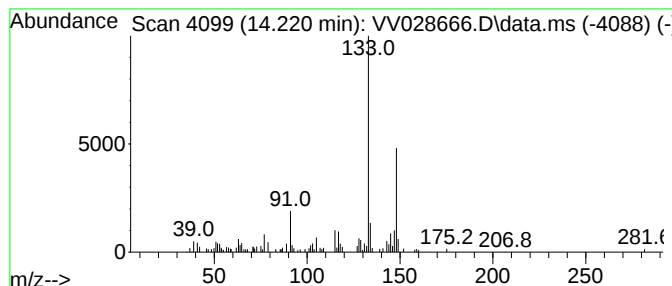
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 13 Benzene, pentamethyl- Concentration Rank 13

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.220 | 0.58 ug/L | 50255 | 1,4-Dichlorobenzene-d4 | 11.242 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, pentamethyl-               | 148 | C11H16  | 000700-12-9  | 90   |
| 2    |    |   | Benzene, pentamethyl-               | 148 | C11H16  | 000700-12-9  | 87   |
| 3    |    |   | 3,4-Dimethylcumene                  | 148 | C11H16  | 1000370-34-1 | 87   |
| 4    |    |   | Benzene, pentamethyl-               | 148 | C11H16  | 000700-12-9  | 87   |
| 5    |    |   | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16  | 004706-90-5  | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102122\  
Data File : VV028666.D  
Acq On : 21 Oct 2022 16:47  
Operator : SY/MD  
Sample : N5216-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAC0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

|                    |        |         |       |          | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
| TIC Top Hit name   | RT     | EstConc | Units | Response | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 2.494  | 3.7     | ug/L  | 285383   | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 3.661  | 3.5     | ug/L  | 265144   | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 4.757  | 5.3     | ug/L  | 403454   | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 5.227  | 21.6    | ug/L  | 1652530  | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 6.252  | 0.6     | ug/L  | 44536    | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 6.304  | 0.8     | ug/L  | 58075    | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 6.648  | 8.4     | ug/L  | 638959   | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 6.770  | 9.2     | ug/L  | 702133   | 1                     | 5.612  | 382096 | 5.0  |
| (DEL) Alkane: S... | 7.255  | 0.7     | ug/L  | 62527    | 2                     | 8.847  | 478635 | 5.0  |
| 1H-Indene, 2,3-... | 13.326 | 1.1     | ug/L  | 94914    | 3                     | 11.242 | 436975 | 5.0  |
| Benzene, (2-met... | 13.696 | 0.6     | ug/L  | 52095    | 3                     | 11.242 | 436975 | 5.0  |
| Benzene, pentam... | 14.220 | 0.6     | ug/L  | 50255    | 3                     | 11.242 | 436975 | 5.0  |