

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
 Data File : VU027473.D  
 Acq On : 05 Oct 2018 23:02  
 Operator : MD/SY  
 Sample : J5268-07 20X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 NW-3

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M

Title : SW846 8260

Signal : TIC

| 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         | 1.759       | 173           | 182         | 196          | rVB      | 70190          | 90584         | 5.50%           | 0.658%        |
| 2         | 1.948       | 232           | 241         | 259          | rVB      | 56975          | 83576         | 5.07%           | 0.607%        |
| 3         | 2.186       | 307           | 315         | 330          | rVB      | 17087          | 25071         | 1.52%           | 0.182%        |
| 4         | 2.714       | 466           | 479         | 480          | rBV      | 18968          | 28848         | 1.75%           | 0.210%        |
| 5         | 2.746       | 482           | 489         | 498          | rVV      | 52690          | 103588        | 6.29%           | 0.753%        |
| 6         | 2.794       | 498           | 504         | 534          | rVB3     | 26165          | 58485         | 3.55%           | 0.425%        |
| 7         | 3.000       | 552           | 568         | 588          | rBV2     | 42311          | 90998         | 5.52%           | 0.661%        |
| 8         | 3.196       | 615           | 629         | 644          | rVB5     | 13079          | 31510         | 1.91%           | 0.229%        |
| 9         | 3.305       | 649           | 663         | 685          | rVB3     | 28681          | 61865         | 3.76%           | 0.449%        |
| 10        | 3.427       | 685           | 701         | 712          | rBV3     | 9883           | 23818         | 1.45%           | 0.173%        |
| 11        | 3.501       | 712           | 724         | 733          | rBV2     | 11758          | 25374         | 1.54%           | 0.184%        |
| 12        | 3.559       | 733           | 742         | 759          | rVB3     | 18900          | 43269         | 2.63%           | 0.314%        |
| 13        | 3.659       | 759           | 773         | 787          | rBV4     | 11407          | 28197         | 1.71%           | 0.205%        |
| 14        | 3.897       | 831           | 847         | 867          | rVB3     | 19329          | 48339         | 2.93%           | 0.351%        |
| 15        | 4.096       | 889           | 909         | 927          | rBV      | 99506          | 266435        | 16.17%          | 1.936%        |
| 16        | 4.186       | 928           | 937         | 957          | rVB8     | 6563           | 19037         | 1.16%           | 0.138%        |
| 17        | 4.781       | 1112          | 1122        | 1139         | rVB      | 22091          | 49556         | 3.01%           | 0.360%        |
| 18        | 4.884       | 1139          | 1154        | 1172         | rBV      | 105159         | 239661        | 14.55%          | 1.741%        |
| 19        | 4.987       | 1172          | 1186        | 1205         | rBV2     | 185916         | 452699        | 27.48%          | 3.289%        |
| 20        | 5.222       | 1247          | 1259        | 1272         | rBV6     | 7828           | 21076         | 1.28%           | 0.153%        |
| 21        | 5.312       | 1274          | 1287        | 1307         | rVB      | 130471         | 271139        | 16.46%          | 1.970%        |
| 22        | 5.482       | 1329          | 1340        | 1348         | rBV3     | 9410           | 19791         | 1.20%           | 0.144%        |
| 23        | 5.620       | 1372          | 1383        | 1396         | rVB5     | 10840          | 24049         | 1.46%           | 0.175%        |
| 24        | 5.890       | 1453          | 1467        | 1478         | rBV      | 217992         | 432340        | 26.25%          | 3.141%        |
| 25        | 6.225       | 1556          | 1571        | 1592         | rBV5     | 15819          | 37106         | 2.25%           | 0.270%        |
| 26        | 6.418       | 1612          | 1631        | 1647         | rBV5     | 42613          | 105660        | 6.41%           | 0.768%        |
| 27        | 6.842       | 1747          | 1763        | 1776         | rBV7     | 5422           | 16501         | 1.00%           | 0.120%        |
| 28        | 7.070       | 1816          | 1834        | 1843         | rBV2     | 17878          | 34519         | 2.10%           | 0.251%        |
| 29        | 7.430       | 1934          | 1946        | 1963         | rBV4     | 13424          | 26066         | 1.58%           | 0.189%        |
| 30        | 7.566       | 1969          | 1988        | 2004         | rBV      | 422845         | 772017        | 46.87%          | 5.608%        |
| 31        | 7.639       | 2005          | 2011        | 2024         | rVB2     | 25637          | 44665         | 2.71%           | 0.324%        |
| 32        | 9.090       | 2449          | 2462        | 2488         | rBV      | 328225         | 564088        | 34.24%          | 4.098%        |
| 33        | 9.250       | 2498          | 2512        | 2537         | rBV      | 380207         | 617823        | 37.51%          | 4.488%        |
| 34        | 9.376       | 2537          | 2551        | 2574         | rBV      | 880041         | 1451609       | 88.12%          | 10.545%       |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 NW-3

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 9.781  | 2665 | 2677 | 2699 | rBV  | 213648  | 342220  | 20.78%  | 2.486%  |
| 36 | 10.167 | 2786 | 2797 | 2811 | rBV  | 43407   | 67894   | 4.12%   | 0.493%  |
| 37 | 10.308 | 2826 | 2841 | 2865 | rBV  | 322817  | 513195  | 31.16%  | 3.728%  |
| 38 | 10.588 | 2916 | 2928 | 2946 | rBV  | 113795  | 190759  | 11.58%  | 1.386%  |
| 39 | 10.681 | 2946 | 2957 | 2975 | rVV  | 527520  | 1153964 | 70.06%  | 8.383%  |
| 40 | 10.771 | 2975 | 2985 | 3001 | rVB  | 272925  | 421224  | 25.57%  | 3.060%  |
| 41 | 10.971 | 3033 | 3047 | 3064 | rBV  | 254412  | 394509  | 23.95%  | 2.866%  |
| 42 | 11.151 | 3090 | 3103 | 3118 | rBV  | 1087056 | 1647217 | 100.00% | 11.967% |
| 43 | 11.485 | 3195 | 3207 | 3221 | rVV  | 423817  | 668528  | 40.59%  | 4.857%  |
| 44 | 11.572 | 3222 | 3234 | 3248 | rVB  | 277823  | 425381  | 25.82%  | 3.090%  |
| 45 | 11.768 | 3279 | 3295 | 3304 | rBV  | 229219  | 387937  | 23.55%  | 2.818%  |
| 46 | 11.810 | 3304 | 3308 | 3317 | rVV  | 39170   | 52032   | 3.16%   | 0.378%  |
| 47 | 11.874 | 3317 | 3328 | 3346 | rVB4 | 63488   | 119013  | 7.23%   | 0.865%  |
| 48 | 12.057 | 3375 | 3385 | 3397 | rBV  | 14651   | 22125   | 1.34%   | 0.161%  |
| 49 | 12.147 | 3401 | 3413 | 3418 | rBV  | 38671   | 62112   | 3.77%   | 0.451%  |
| 50 | 12.176 | 3418 | 3422 | 3434 | rVB  | 34410   | 46623   | 2.83%   | 0.339%  |
| 51 | 12.250 | 3434 | 3445 | 3452 | rBV  | 60175   | 91784   | 5.57%   | 0.667%  |
| 52 | 12.356 | 3467 | 3478 | 3500 | rBV2 | 52756   | 92956   | 5.64%   | 0.675%  |
| 53 | 12.552 | 3529 | 3539 | 3553 | rVB  | 17562   | 27070   | 1.64%   | 0.197%  |
| 54 | 12.649 | 3553 | 3569 | 3577 | rBV  | 33733   | 51279   | 3.11%   | 0.373%  |
| 55 | 12.704 | 3577 | 3586 | 3598 | rVB  | 56482   | 85073   | 5.16%   | 0.618%  |
| 56 | 12.964 | 3658 | 3667 | 3683 | rVB  | 53332   | 80976   | 4.92%   | 0.588%  |
| 57 | 13.125 | 3695 | 3717 | 3728 | rBV2 | 112629  | 182561  | 11.08%  | 1.326%  |
| 58 | 13.292 | 3759 | 3769 | 3778 | rBV4 | 17979   | 29018   | 1.76%   | 0.211%  |
| 59 | 13.742 | 3898 | 3909 | 3930 | rBV  | 198932  | 315890  | 19.18%  | 2.295%  |
| 60 | 14.880 | 4252 | 4263 | 4283 | rBV  | 28895   | 54901   | 3.33%   | 0.399%  |
| 61 | 15.064 | 4310 | 4320 | 4338 | rBV  | 16686   | 29632   | 1.80%   | 0.215%  |

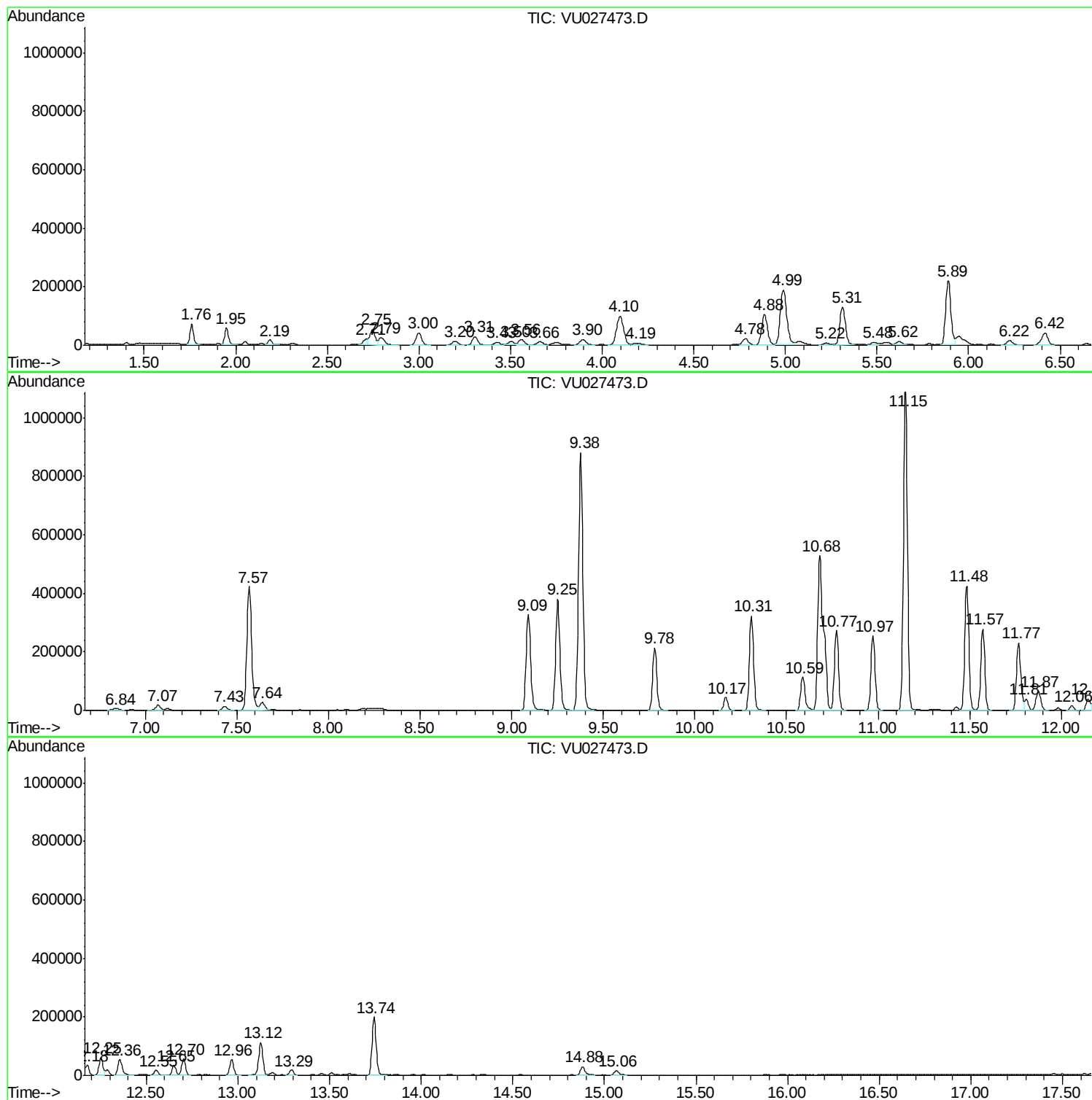
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Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
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Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

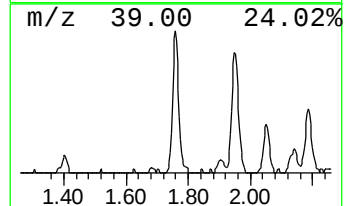
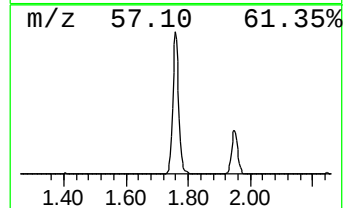
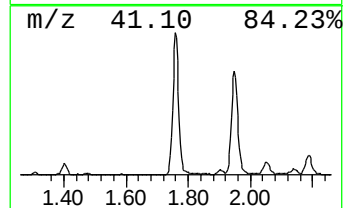
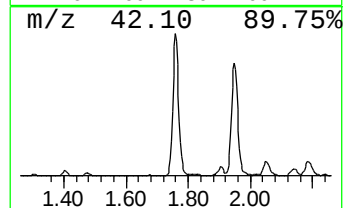
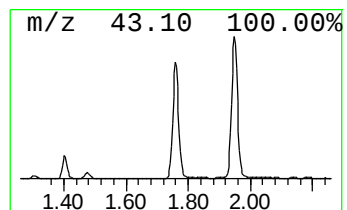
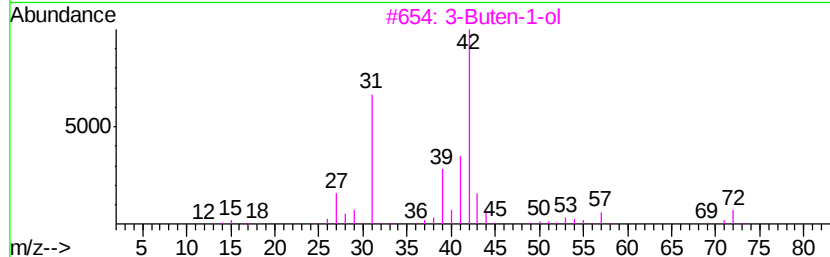
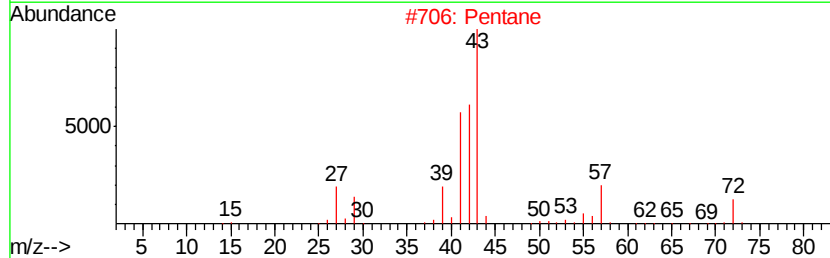
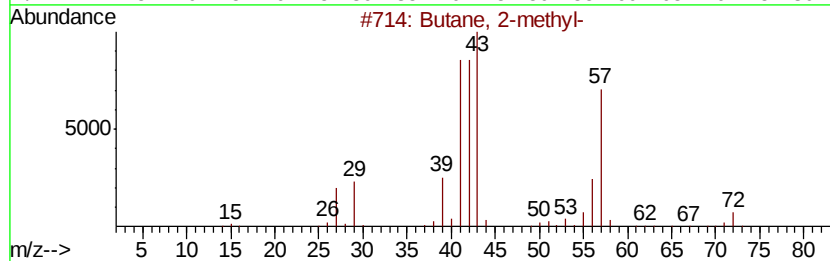
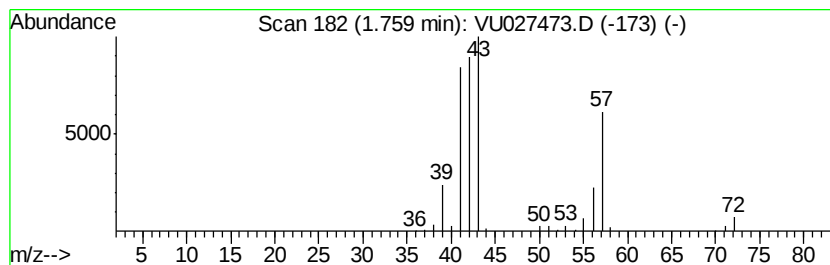
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methyl- Concentration Rank 9

| R.T. | EstConc    | Area  | Relative to ISTD   | R.T. |
|------|------------|-------|--------------------|------|
| 1.76 | 10.00 ug/l | 90584 | Pentafluorobenzene | 4.99 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | Butane, 2-methyl-    | 72 | C5H12   | 000078-78-4 | 91   |
| 2    |    | Pentane              | 72 | C5H12   | 000109-66-0 | 42   |
| 3    |    | 3-Buten-1-ol         | 72 | C4H8O   | 000627-27-0 | 38   |
| 4    |    | 1-Propene, 2-methyl- | 56 | C4H8    | 000115-11-7 | 14   |
| 5    |    | Methane, isocyanato- | 57 | C2H3NO  | 000624-83-9 | 9    |



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Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

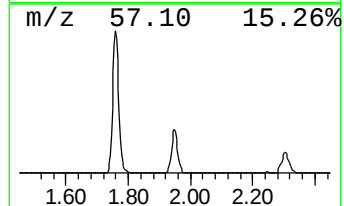
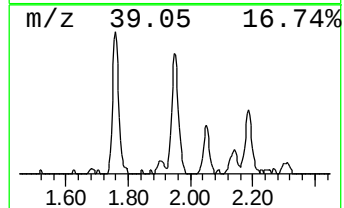
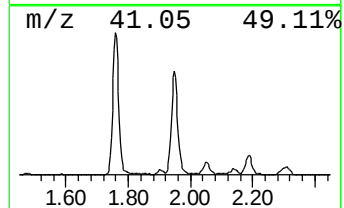
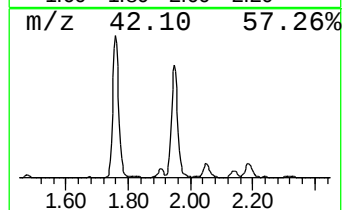
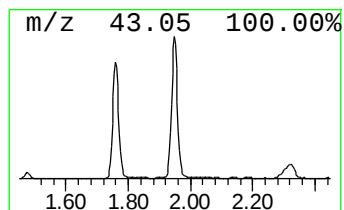
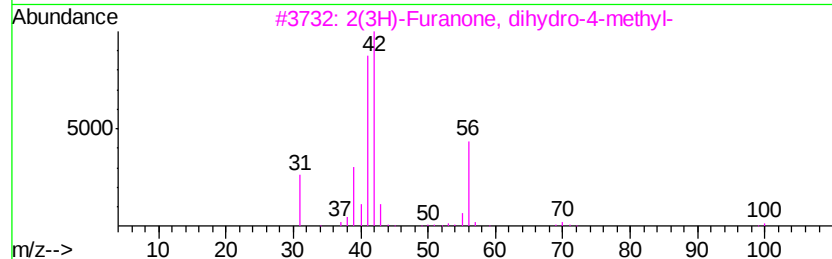
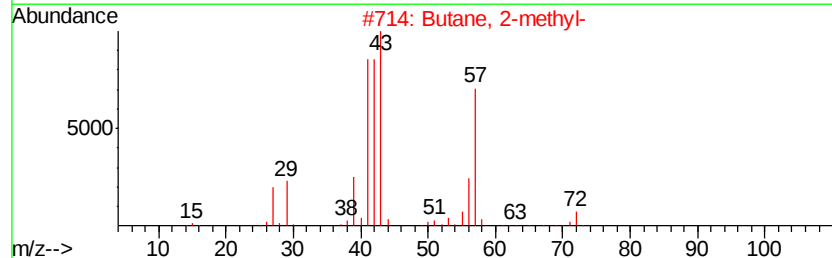
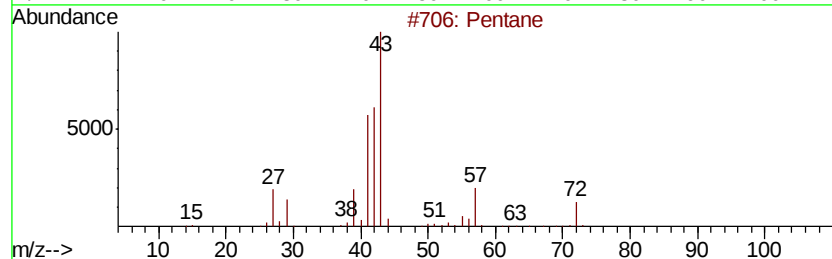
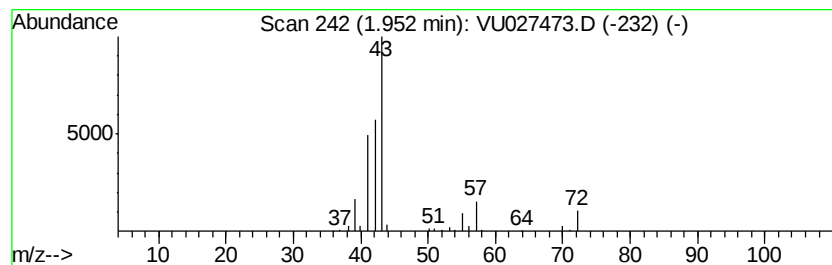
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Pentane Concentration Rank 10

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 1.95 | 9.23 ug/l | 83576 | Pentafluorobenzene | 4.99 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane                           | 72  | C5H12   | 000109-66-0 | 91   |
| 2    |    |   | Butane, 2-methyl-                 | 72  | C5H12   | 000078-78-4 | 36   |
| 3    |    |   | 2(3H)-Furanone, dihydro-4-methyl- | 100 | C5H8O2  | 001679-49-8 | 28   |
| 4    |    |   | Butanal, 2,2-dimethyl-            | 100 | C6H12O  | 002094-75-9 | 9    |
| 5    |    |   | Pentanal, 2-methyl-               | 100 | C6H12O  | 000123-15-9 | 9    |



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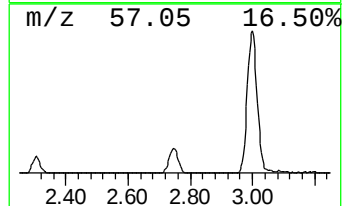
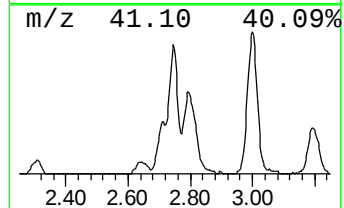
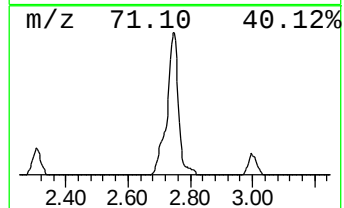
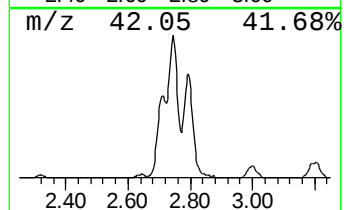
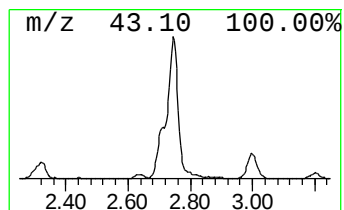
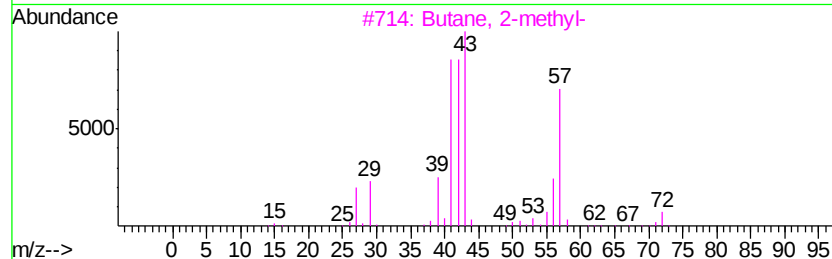
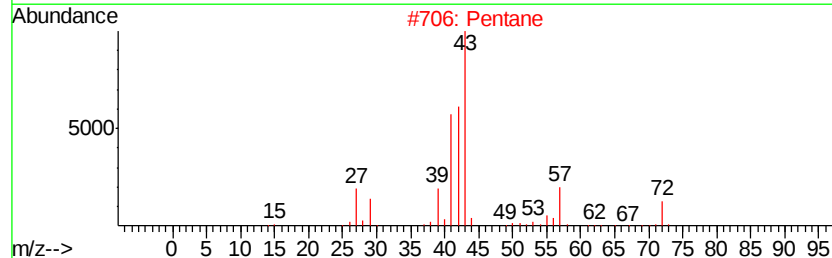
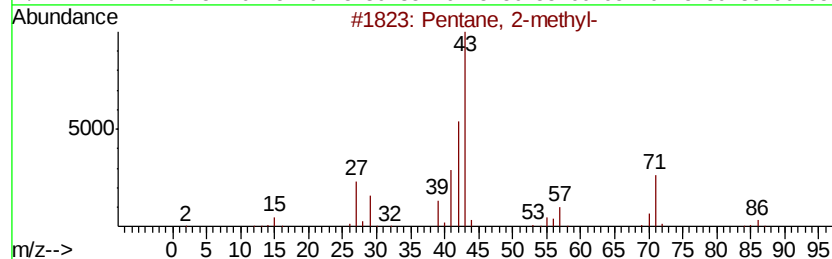
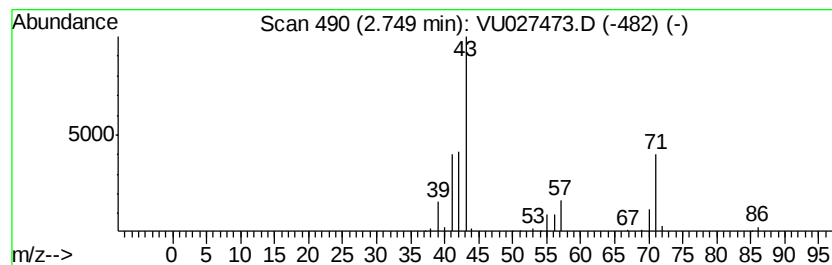
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Pentane, 2-methyl- Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 2.75 | 11.44 ug/l | 103588 | Pentafluorobenzene | 4.99 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2-methyl-    | 86  | C6H14   | 000107-83-5 | 91   |
| 2    |    | Pentane               | 72  | C5H12   | 000109-66-0 | 38   |
| 3    |    | Butane, 2-methyl-     | 72  | C5H12   | 000078-78-4 | 35   |
| 4    |    | Hexane, 2,3-dimethyl- | 114 | C8H18   | 000584-94-1 | 28   |
| 5    |    | Butane, 2,3-dimethyl- | 86  | C6H14   | 000079-29-8 | 25   |



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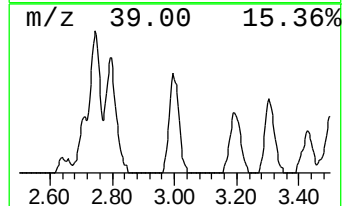
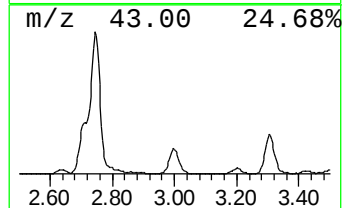
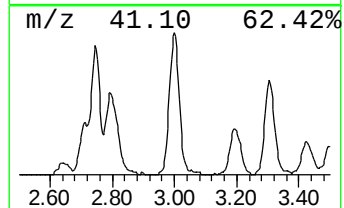
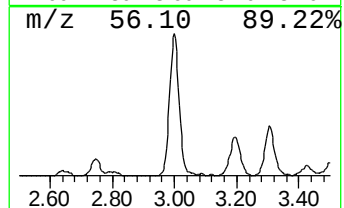
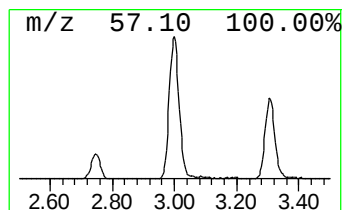
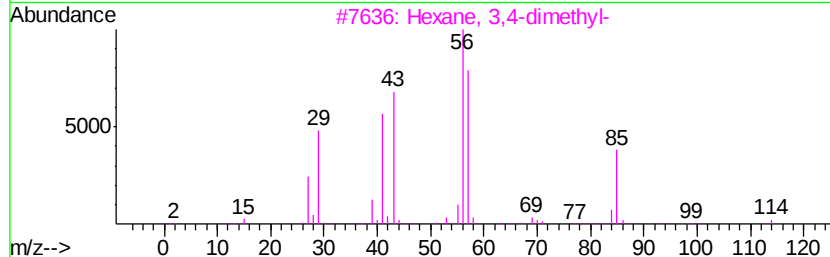
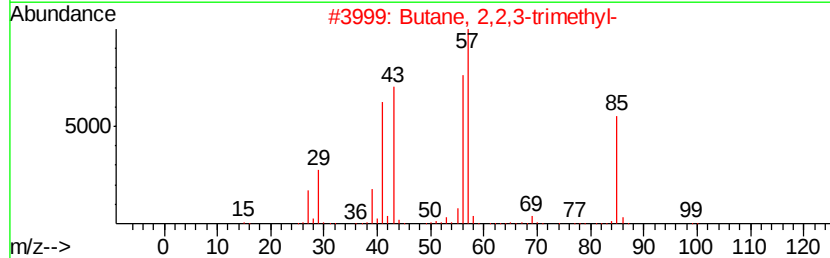
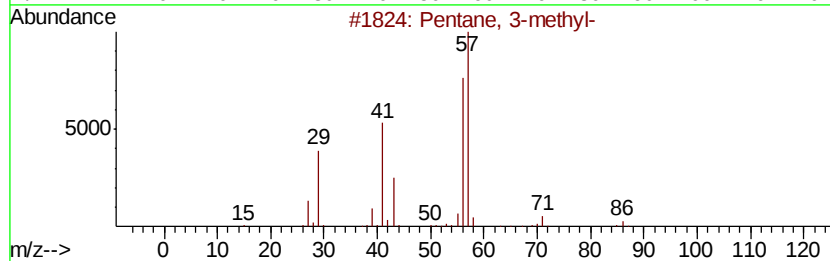
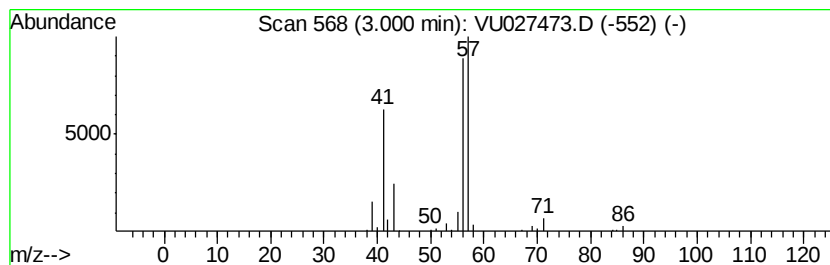
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Pentane, 3-methyl- Concentration Rank 8

| R.T. | EstConc    | Area  | Relative to ISTD   | R.T. |
|------|------------|-------|--------------------|------|
| 3.00 | 10.05 ug/l | 90998 | Pentafluorobenzene | 4.99 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 3-methyl-            | 86  | C6H14   | 000096-14-0 | 91   |
| 2    |    | Butane, 2,2,3-trimethyl-      | 100 | C7H16   | 000464-06-2 | 83   |
| 3    |    | Hexane, 3,4-dimethyl-         | 114 | C8H18   | 000583-48-2 | 78   |
| 4    |    | Propane, 2-cyclopropyl-       | 84  | C6H12   | 003638-35-5 | 53   |
| 5    |    | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

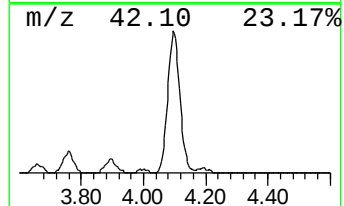
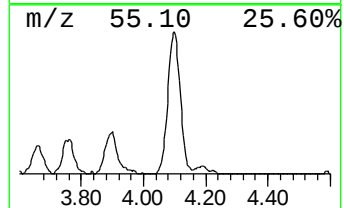
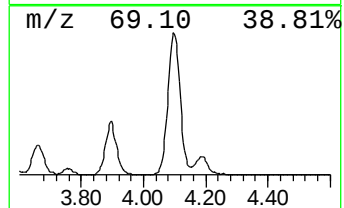
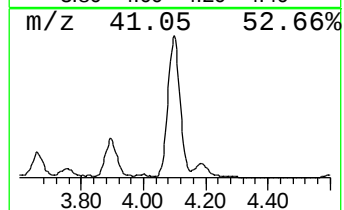
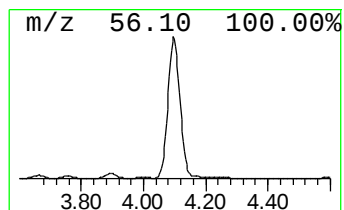
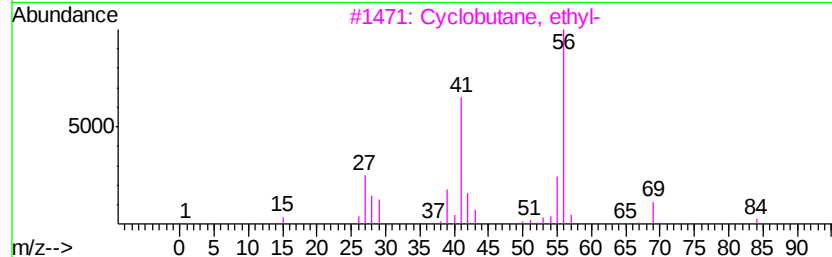
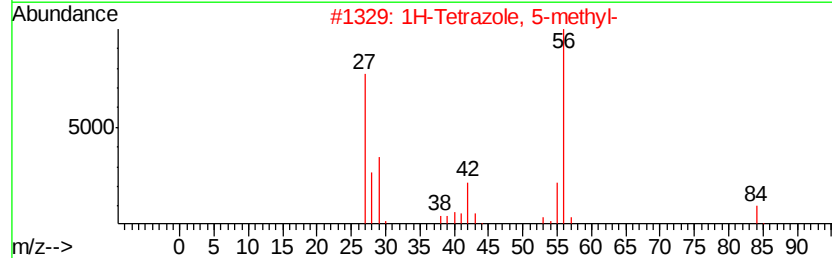
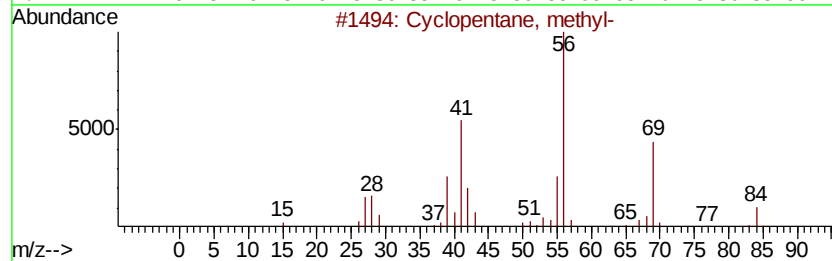
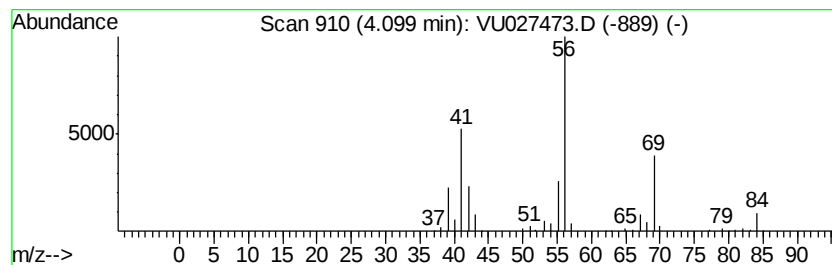
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cyclopentane, methyl- Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 4.10 | 29.43 ug/l | 266435 | Pentafluorobenzene | 4.99 |

| Hit# | of | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 91   |
| 2    |    | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 72   |
| 3    |    | Cyclobutane, ethyl-     | 84 | C6H12   | 004806-61-5 | 72   |
| 4    |    | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 64   |
| 5    |    | Cyclobutane             | 56 | C4H8    | 000287-23-0 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

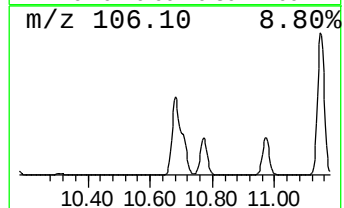
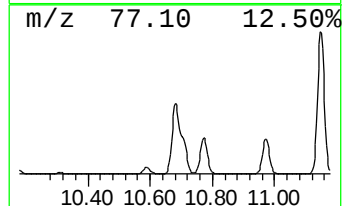
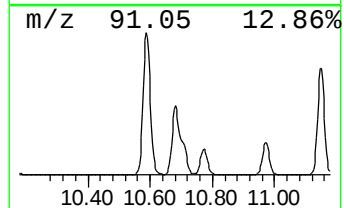
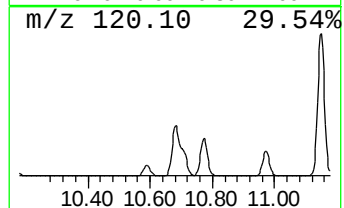
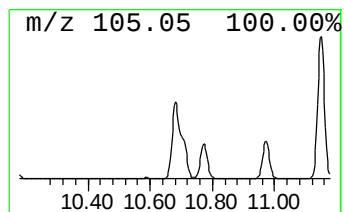
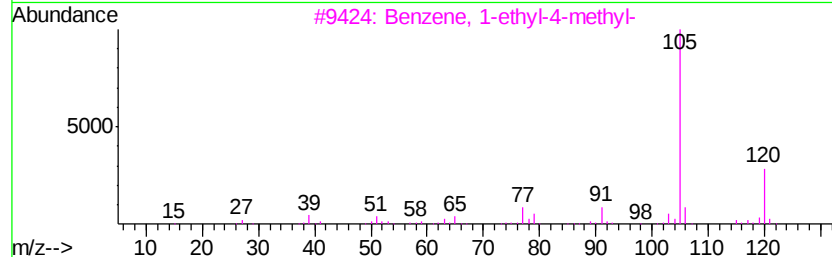
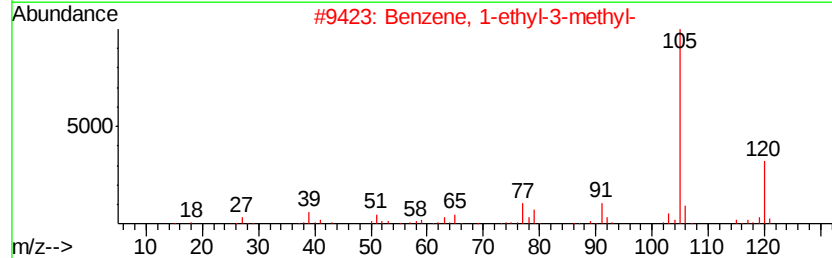
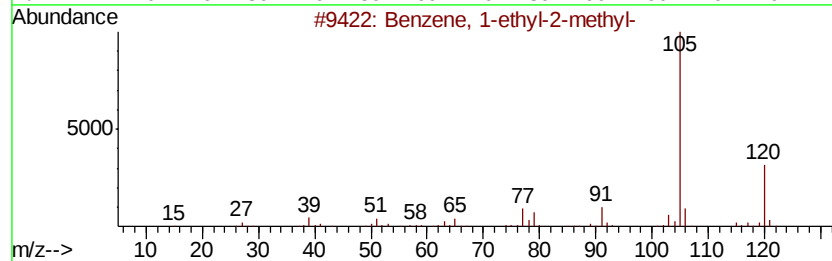
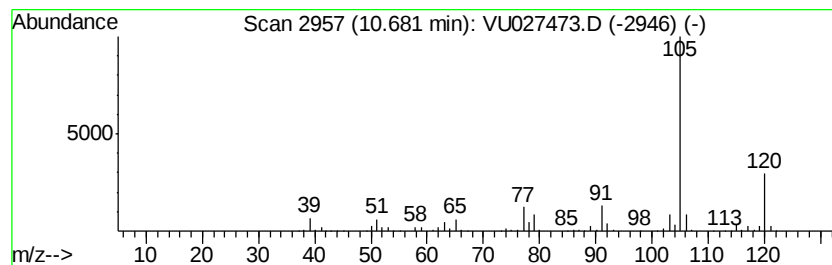
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 10.68 | 86.31 ug/l | 1153960 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 3    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

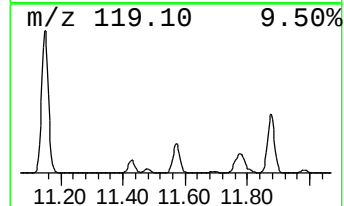
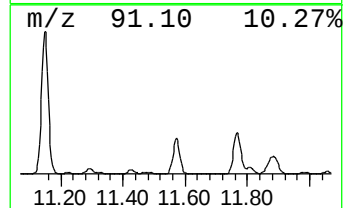
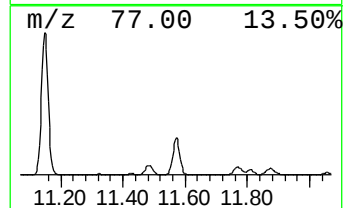
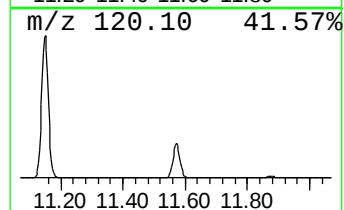
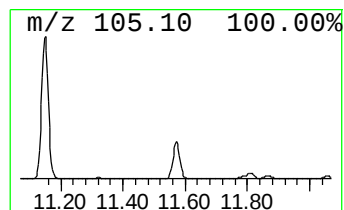
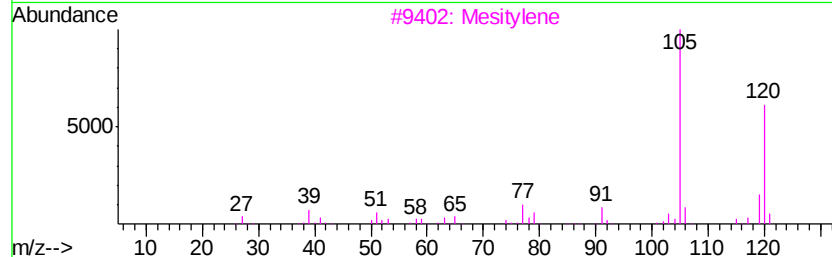
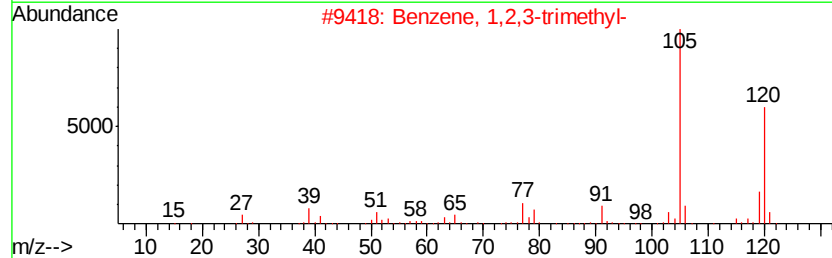
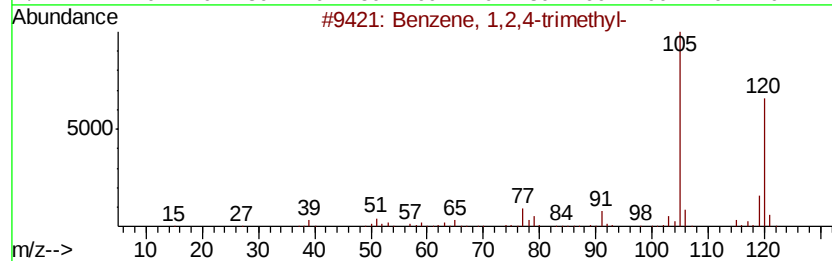
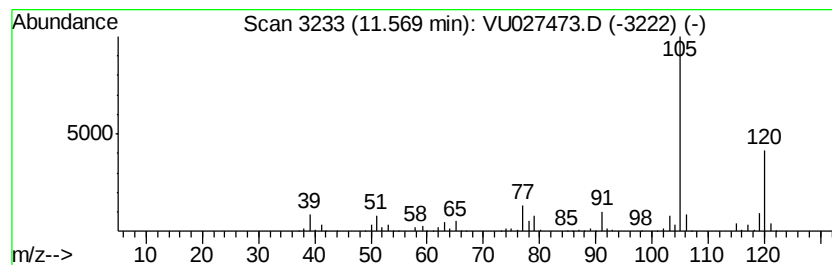
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 11.57 | 31.81 ug/l | 425381 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 93   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

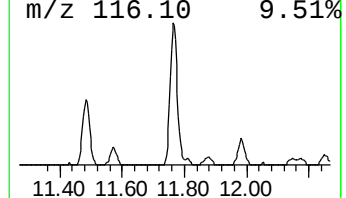
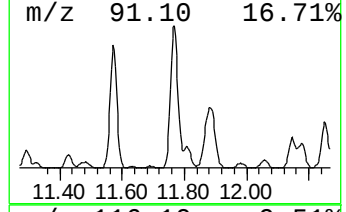
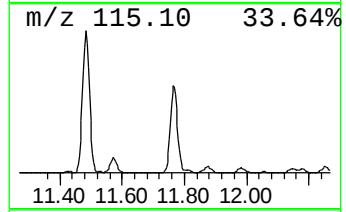
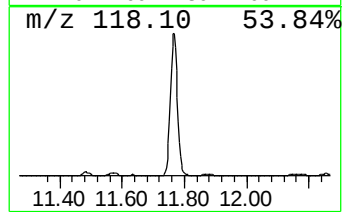
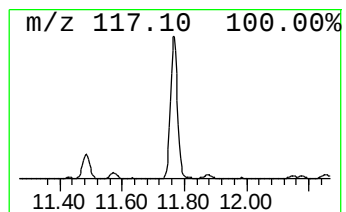
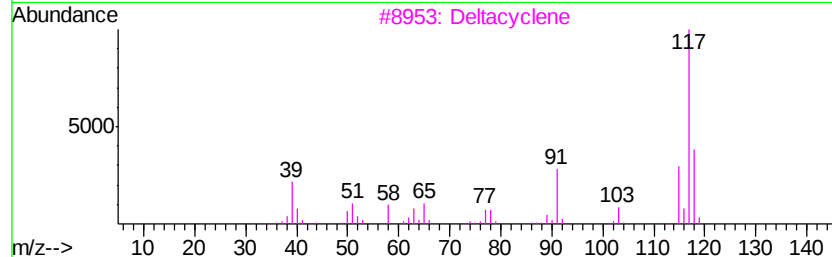
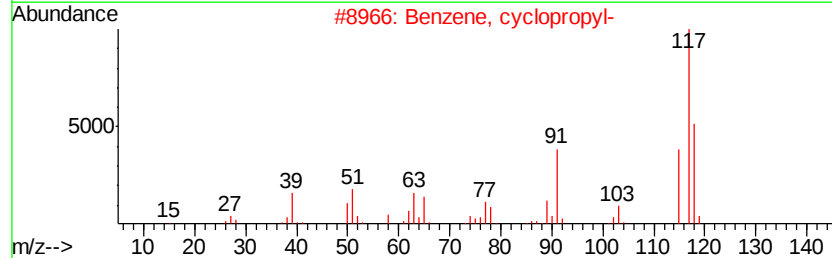
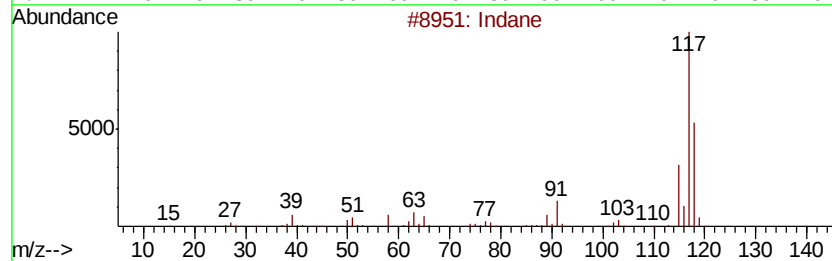
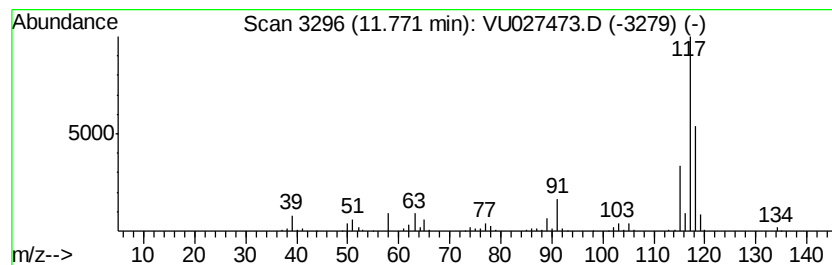
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Indane Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 11.77 | 29.01 ug/l | 387937 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Indane                       | 118 | C9H10   | 000496-11-7 | 95   |
| 2    |    | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 76   |
| 3    |    | Deltacyclene                 | 118 | C9H10   | 007785-10-6 | 68   |
| 4    |    | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 60   |
| 5    |    | trans-Cinnamyl bromide       | 196 | C9H9Br  | 026146-77-0 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

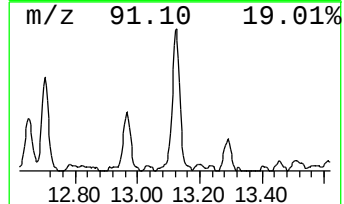
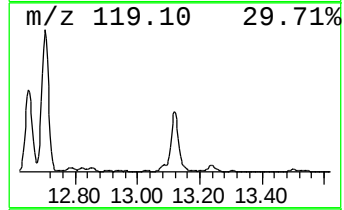
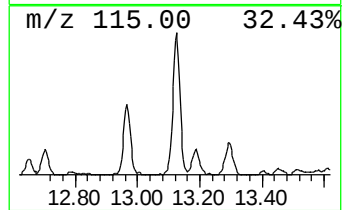
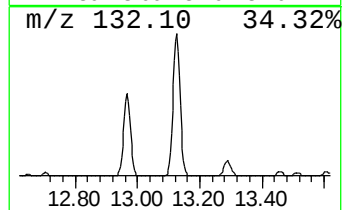
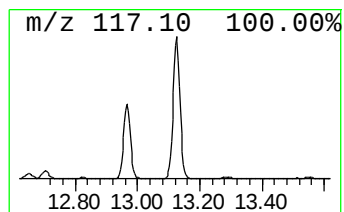
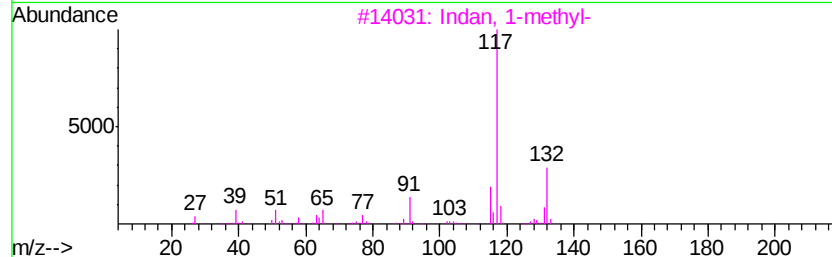
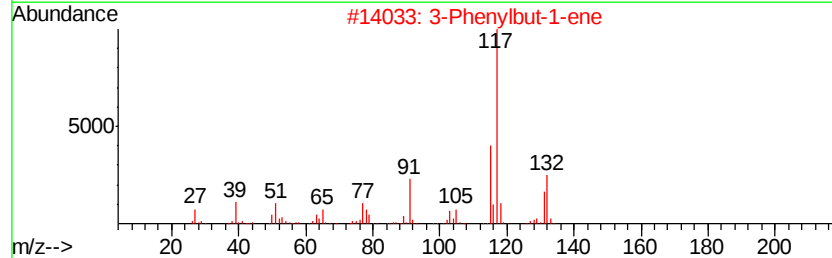
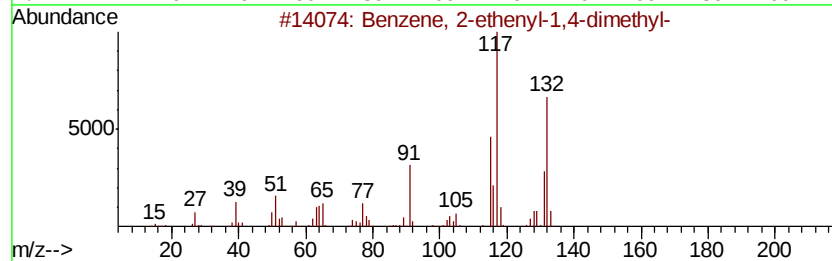
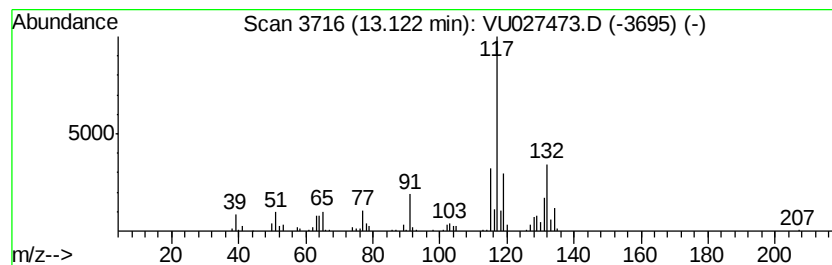
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.12 | 13.65 ug/l | 182561 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 95   |
| 2    |    | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 81   |
| 3    |    | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 81   |
| 4    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 81   |
| 5    |    | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100618\  
Data File : VU027473.D  
Acq On : 05 Oct 2018 23:02  
Operator : MD/SY  
Sample : J5268-07 20X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
NW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methyl-    | 1.76  | 10.0    | ug/l  | 90584    | 1                     | 4.99  | 452699 | 50.0 |
| Pentane              | 1.95  | 9.2     | ug/l  | 83576    | 1                     | 4.99  | 452699 | 50.0 |
| Pentane, 2-methyl-   | 2.75  | 11.4    | ug/l  | 103588   | 1                     | 4.99  | 452699 | 50.0 |
| Pentane, 3-methyl-   | 3.00  | 10.1    | ug/l  | 90998    | 1                     | 4.99  | 452699 | 50.0 |
| Cyclopentane, met... | 4.10  | 29.4    | ug/l  | 266435   | 1                     | 4.99  | 452699 | 50.0 |
| Benzene, 1-ethyl-... | 10.68 | 86.3    | ug/l  | 1153960  | 4                     | 11.48 | 668528 | 50.0 |
| Benzene, 1,2,4-tr... | 11.57 | 31.8    | ug/l  | 425381   | 4                     | 11.48 | 668528 | 50.0 |
| Indane               | 11.77 | 29.0    | ug/l  | 387937   | 4                     | 11.48 | 668528 | 50.0 |
| Benzene, 2-etheny... | 13.12 | 13.7    | ug/l  | 182561   | 4                     | 11.48 | 668528 | 50.0 |