

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
 Data File : VU037540.D  
 Acq On : 01 Apr 2020 23:18  
 Operator : JC/MD  
 Sample : L2065-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBF15

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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\SOMUTR040120WMA.M

Title : TRACE VOA SOM01.0

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         | 1.369       | 3             | 9           | 23           | rBV      | 45194          | 44781         | 1.37%           | 0.227%        |
| 2         | 1.607       | 72            | 83          | 92           | rBV3     | 46237          | 63158         | 1.93%           | 0.320%        |
| 3         | 1.929       | 173           | 183         | 193          | rVB      | 29227          | 38959         | 1.19%           | 0.198%        |
| 4         | 2.588       | 378           | 388         | 401          | rVB      | 53270          | 86293         | 2.63%           | 0.438%        |
| 5         | 2.816       | 448           | 459         | 473          | rVB      | 21040          | 35280         | 1.08%           | 0.179%        |
| 6         | 4.700       | 1026          | 1045        | 1076         | rBV      | 31240          | 127872        | 3.90%           | 0.649%        |
| 7         | 5.105       | 1155          | 1171        | 1197         | rVB2     | 55336          | 137635        | 4.20%           | 0.698%        |
| 8         | 5.758       | 1353          | 1374        | 1395         | rBV4     | 101521         | 259697        | 7.92%           | 1.317%        |
| 9         | 6.282       | 1523          | 1537        | 1552         | rBV      | 119929         | 221308        | 6.75%           | 1.122%        |
| 10        | 6.723       | 1656          | 1674        | 1689         | rBV2     | 67042          | 130225        | 3.97%           | 0.660%        |
| 11        | 7.591       | 1933          | 1944        | 1958         | rBV2     | 35778          | 61432         | 1.87%           | 0.312%        |
| 12        | 7.922       | 2034          | 2047        | 2062         | rBV      | 120095         | 202895        | 6.19%           | 1.029%        |
| 13        | 8.205       | 2122          | 2135        | 2145         | rBV2     | 21965          | 36848         | 1.12%           | 0.187%        |
| 14        | 8.662       | 2262          | 2277        | 2302         | rBV      | 200960         | 368187        | 11.23%          | 1.867%        |
| 15        | 8.809       | 2313          | 2323        | 2342         | rVB3     | 37776          | 63215         | 1.93%           | 0.321%        |
| 16        | 9.436       | 2503          | 2518        | 2535         | rVB      | 171749         | 278047        | 8.48%           | 1.410%        |
| 17        | 10.774      | 2923          | 2934        | 2945         | rBV2     | 56531          | 90422         | 2.76%           | 0.459%        |
| 18        | 11.112      | 3028          | 3039        | 3049         | rBV5     | 28932          | 47173         | 1.44%           | 0.239%        |
| 19        | 11.825      | 3248          | 3261        | 3277         | rVB      | 185068         | 307149        | 9.37%           | 1.558%        |
| 20        | 12.105      | 3341          | 3348        | 3360         | rVB2     | 26150          | 42524         | 1.30%           | 0.216%        |
| 21        | 12.205      | 3366          | 3379        | 3391         | rVB      | 128619         | 204201        | 6.23%           | 1.036%        |
| 22        | 12.324      | 3404          | 3416        | 3430         | rVB2     | 35278          | 55728         | 1.70%           | 0.283%        |
| 23        | 13.546      | 3785          | 3796        | 3810         | rVB      | 95179          | 154833        | 4.72%           | 0.785%        |
| 24        | 14.070      | 3943          | 3959        | 3961         | rBV5     | 25238          | 38632         | 1.18%           | 0.196%        |
| 25        | 14.115      | 3961          | 3973        | 3995         | rVB      | 2000158        | 3277169       | 100.00%         | 16.622%       |
| 26        | 14.237      | 4001          | 4011        | 4026         | rVB      | 49377          | 78962         | 2.41%           | 0.400%        |
| 27        | 15.208      | 4298          | 4313        | 4318         | rBV      | 25376          | 44381         | 1.35%           | 0.225%        |
| 28        | 15.263      | 4318          | 4330        | 4350         | rVB      | 1888384        | 3020592       | 92.17%          | 15.320%       |
| 29        | 15.378      | 4356          | 4366        | 4376         | rBV      | 40027          | 65855         | 2.01%           | 0.334%        |
| 30        | 15.452      | 4376          | 4389        | 4407         | rVB      | 884960         | 1455186       | 44.40%          | 7.381%        |
| 31        | 16.002      | 4547          | 4560        | 4574         | rBV      | 487263         | 787060        | 24.02%          | 3.992%        |
| 32        | 16.198      | 4601          | 4621        | 4629         | rBV      | 159859         | 275082        | 8.39%           | 1.395%        |
| 33        | 16.314      | 4643          | 4657        | 4680         | rVB      | 296953         | 547339        | 16.70%          | 2.776%        |
| 34        | 16.462      | 4682          | 4703        | 4710         | rVV      | 317012         | 563326        | 17.19%          | 2.857%        |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.1 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 16.500 | 4710 | 4715 | 4729 | rVB  | 190122  | 301683  | 9.21%  | 1.530%  |
| 36 | 16.693 | 4756 | 4775 | 4788 | rBV3 | 102881  | 246164  | 7.51%  | 1.249%  |
| 37 | 16.844 | 4811 | 4822 | 4836 | rVB3 | 54204   | 92416   | 2.82%  | 0.469%  |
| 38 | 16.944 | 4841 | 4853 | 4869 | rBV2 | 208880  | 355565  | 10.85% | 1.803%  |
| 39 | 17.047 | 4871 | 4885 | 4897 | rVB3 | 50627   | 87323   | 2.66%  | 0.443%  |
| 40 | 17.160 | 4905 | 4920 | 4937 | rBV  | 1729245 | 3124113 | 95.33% | 15.845% |
| 41 | 17.346 | 4968 | 4978 | 4989 | rBV2 | 66358   | 127265  | 3.88%  | 0.645%  |
| 42 | 17.401 | 4990 | 4995 | 5003 | rVV4 | 23250   | 34691   | 1.06%  | 0.176%  |
| 43 | 17.481 | 5003 | 5020 | 5040 | rVB  | 1086073 | 2096164 | 63.96% | 10.632% |
| 44 | 17.619 | 5055 | 5063 | 5071 | rVB3 | 24141   | 39488   | 1.20%  | 0.200%  |

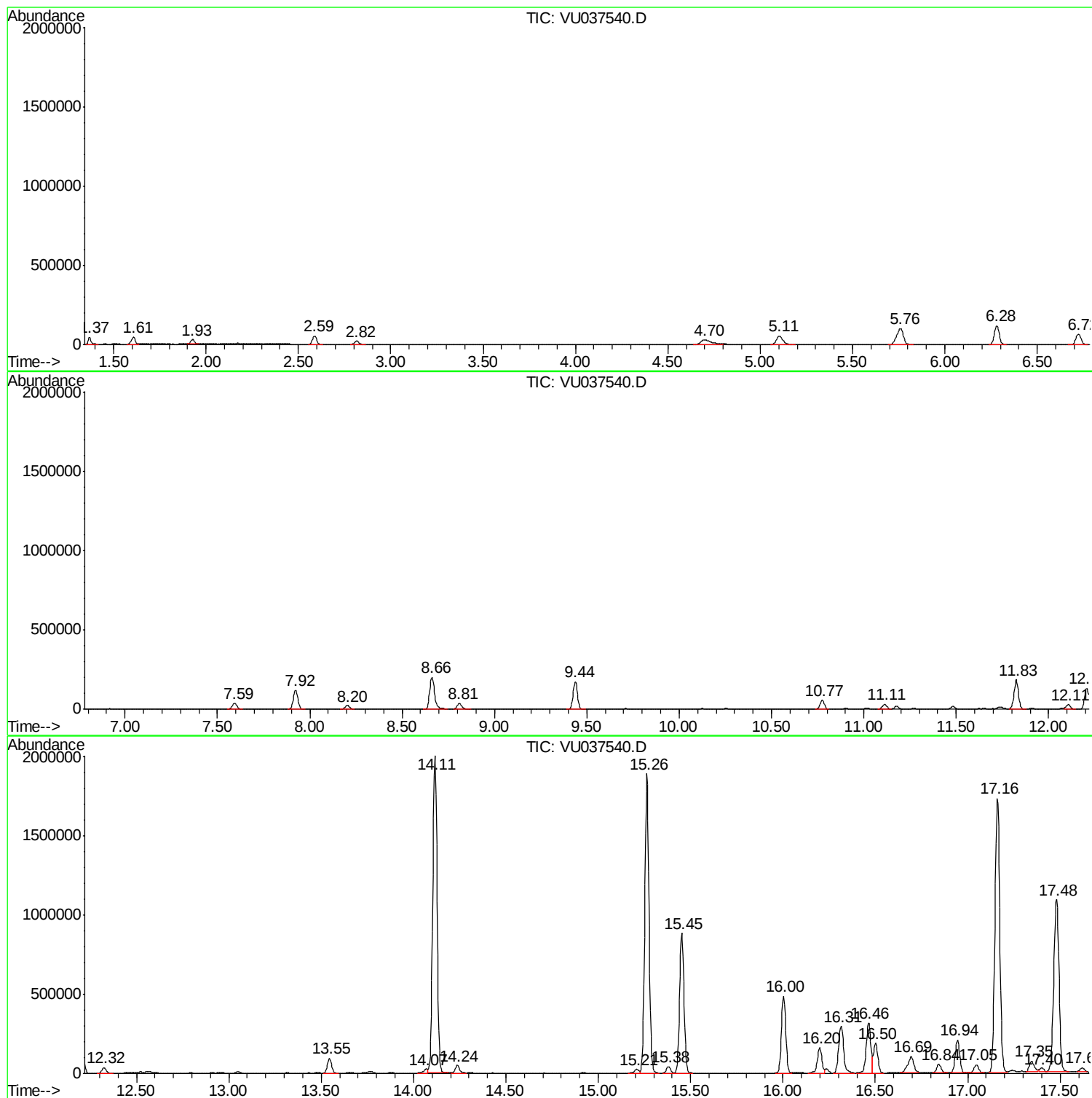
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MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

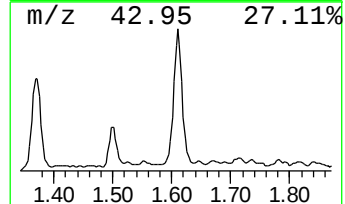
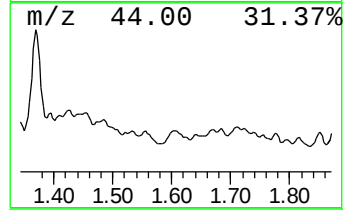
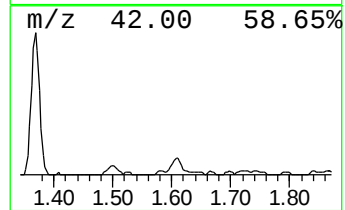
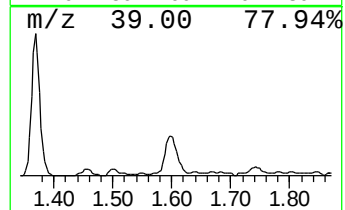
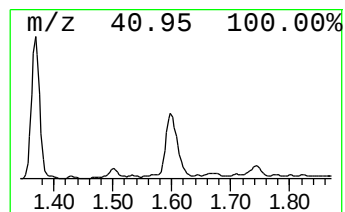
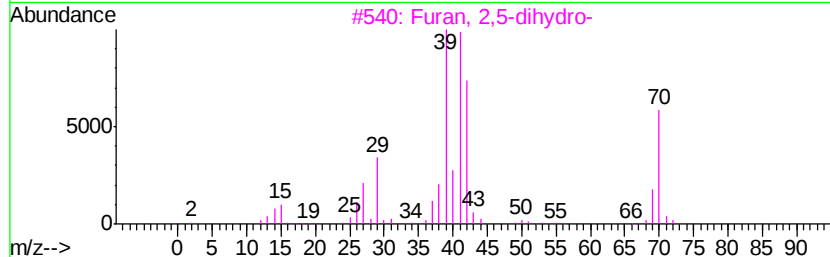
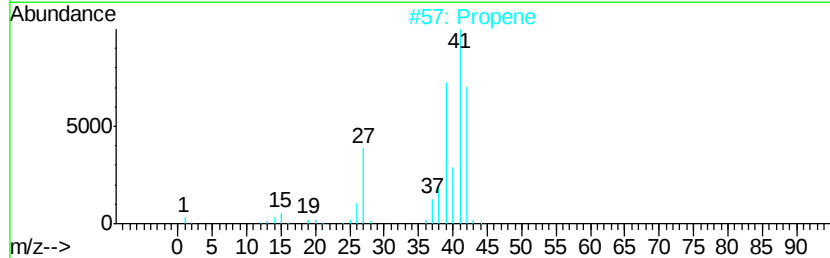
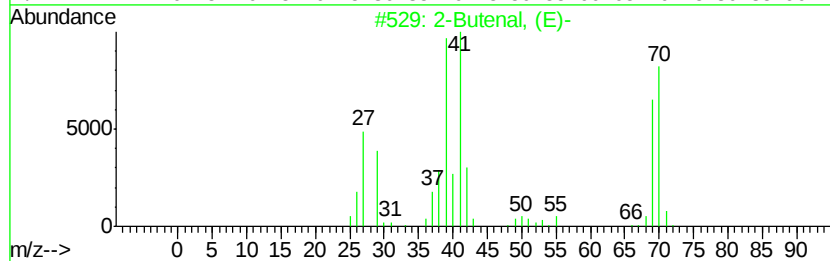
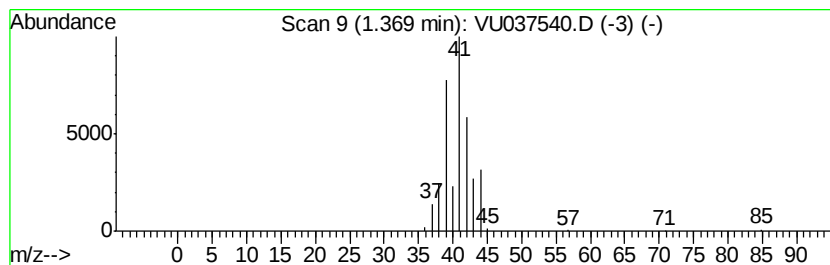
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 2-Butenal, (E)- Concentration Rank 20

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.37 | 1.01 ug/L | 44781 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | 5 | Tentative ID        | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------|----|---------|-------------|------|
| 1    |    |   | 2-Butenal, (E)-     | 70 | C4H6O   | 000123-73-9 | 78   |
| 2    |    |   | Propene             | 42 | C3H6    | 000115-07-1 | 72   |
| 3    |    |   | Furan, 2,5-dihydro- | 70 | C4H6O   | 001708-29-8 | 64   |
| 4    |    |   | 2-Butenal           | 70 | C4H6O   | 004170-30-3 | 43   |
| 5    |    |   | Propene             | 42 | C3H6    | 000115-07-1 | 42   |



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ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

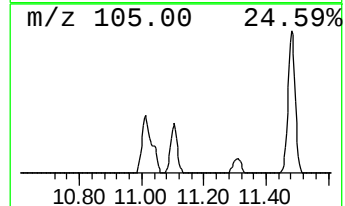
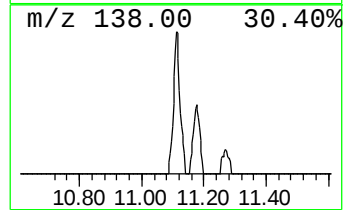
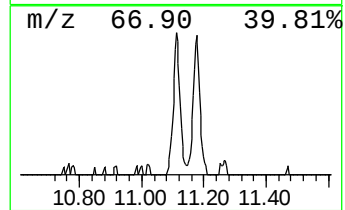
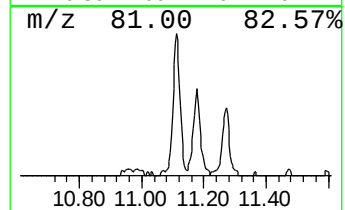
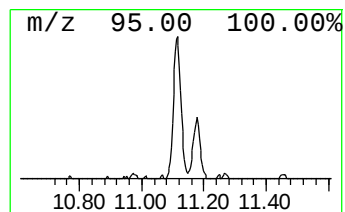
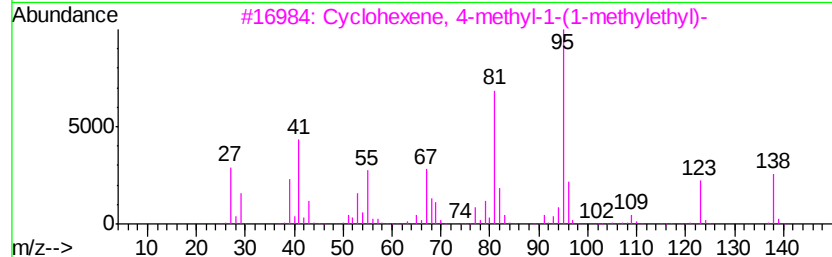
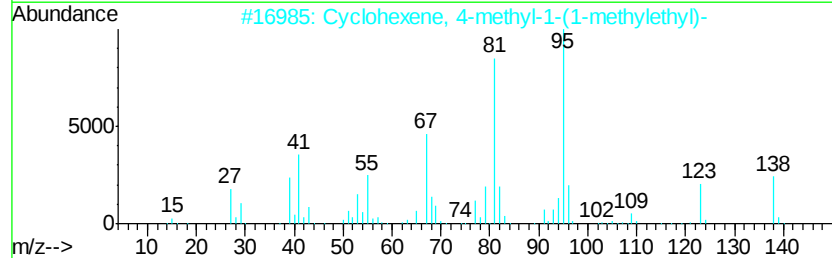
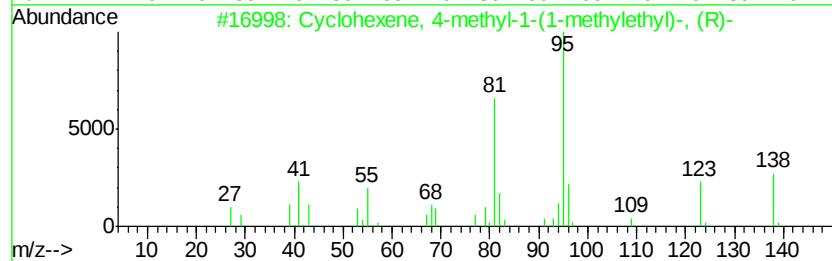
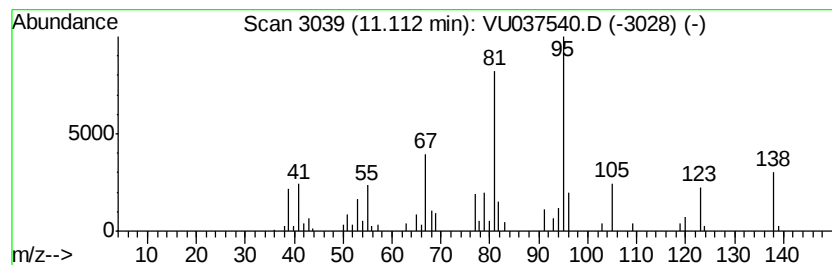
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 22

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 11.11 | 0.77 ug/L | 47173 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 4-methyl-1-(1-methyl-... | 138 | C10H18  | 000619-52-3 | 93   |
| 2    |    |   | Cyclohexene, 4-methyl-1-(1-methyl-... | 138 | C10H18  | 000500-00-5 | 90   |
| 3    |    |   | Cyclohexene, 4-methyl-1-(1-methyl-... | 138 | C10H18  | 000500-00-5 | 87   |
| 4    |    |   | Bicyclo[4.1.0]heptane, 3,7,7-tri...   | 138 | C10H18  | 018968-23-5 | 80   |
| 5    |    |   | Cyclohexene, 4-methyl-1-(1-methyl-... | 138 | C10H18  | 000500-00-5 | 76   |



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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

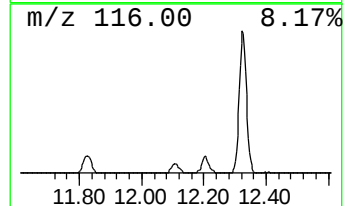
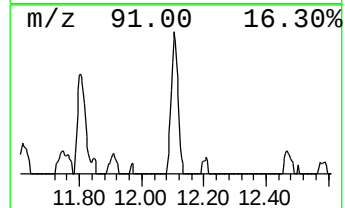
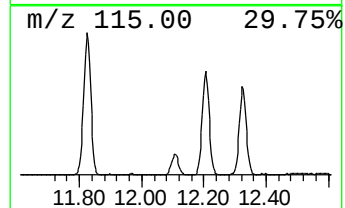
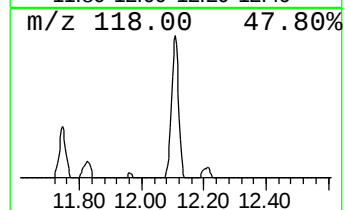
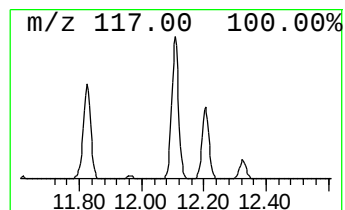
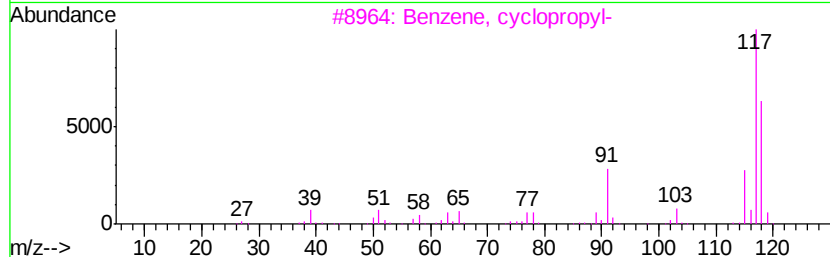
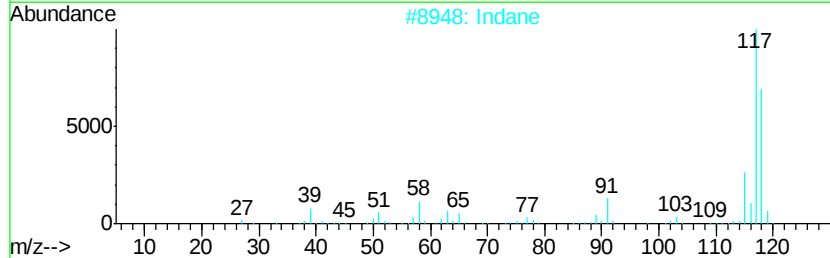
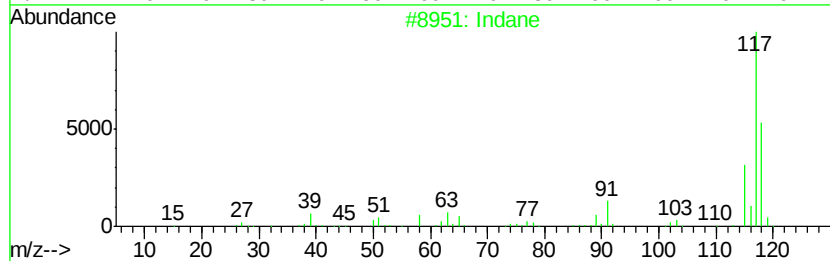
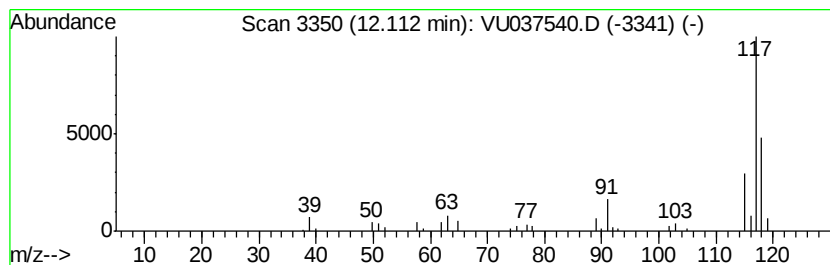
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Indane Concentration Rank 24

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.11 | 0.69 ug/L | 42524 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Indane                |              | 118 | C9H10   | 000496-11-7 | 87   |
| 2       | Indane                |              | 118 | C9H10   | 000496-11-7 | 81   |
| 3       | Benzene, cyclopropyl- |              | 118 | C9H10   | 000873-49-4 | 68   |
| 4       | Indane                |              | 118 | C9H10   | 000496-11-7 | 64   |
| 5       | Indane                |              | 118 | C9H10   | 000496-11-7 | 64   |



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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

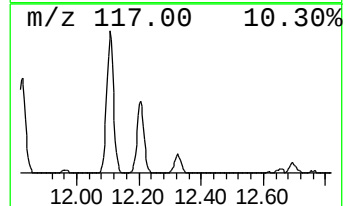
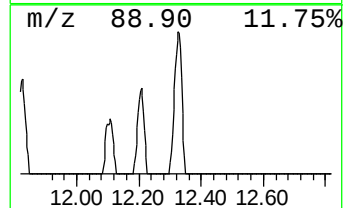
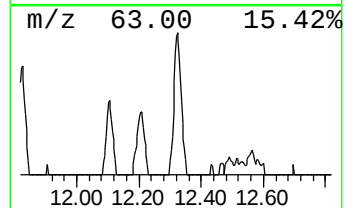
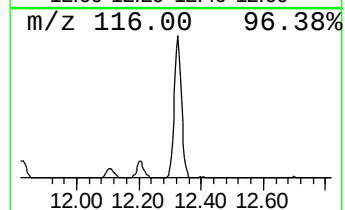
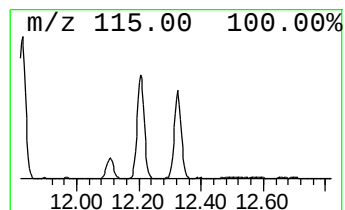
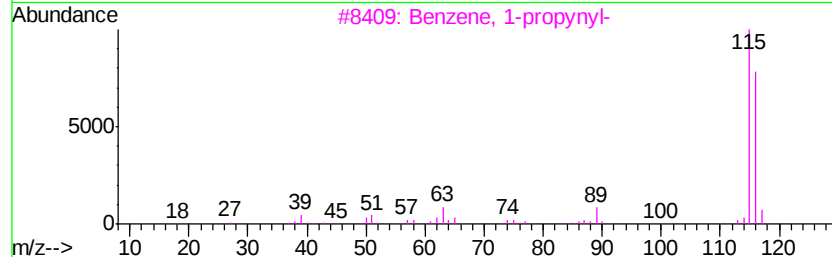
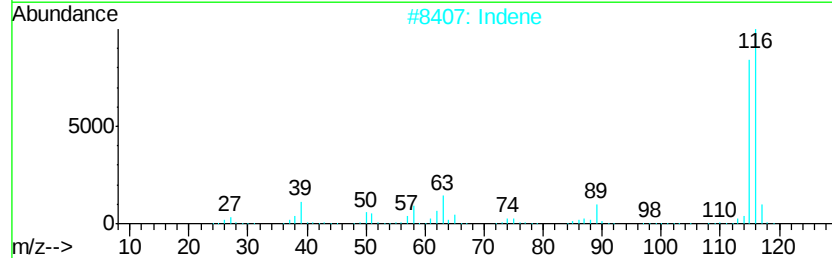
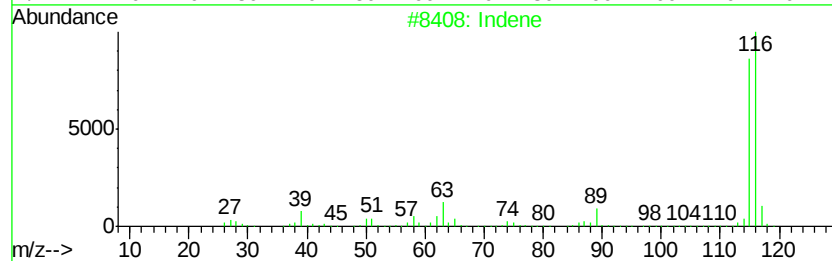
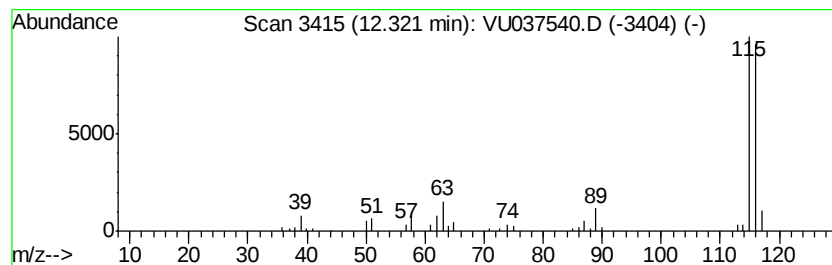
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Indene Concentration Rank 21

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.32 | 0.91 ug/L | 55728 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of | 5                       | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------|--------------|-----|---------|-------------|------|
| 1       | Indene                  |              | 116 | C9H8    | 000095-13-6 | 95   |
| 2       | Indene                  |              | 116 | C9H8    | 000095-13-6 | 94   |
| 3       | Benzene, 1-propynyl-    |              | 116 | C9H8    | 000673-32-5 | 91   |
| 4       | Indene                  |              | 116 | C9H8    | 000095-13-6 | 91   |
| 5       | 3-Methylphenylacetylene |              | 116 | C9H8    | 000766-82-5 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

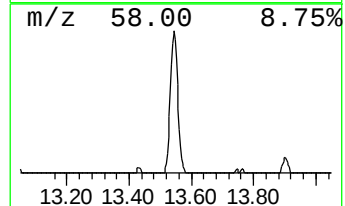
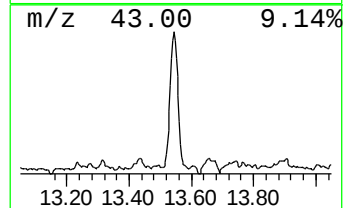
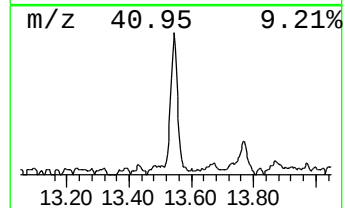
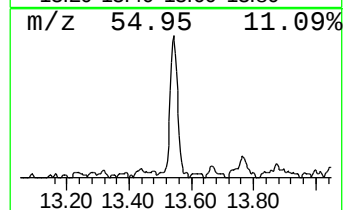
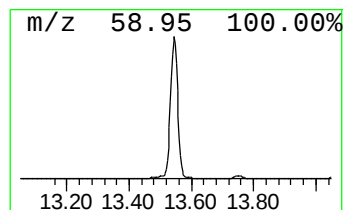
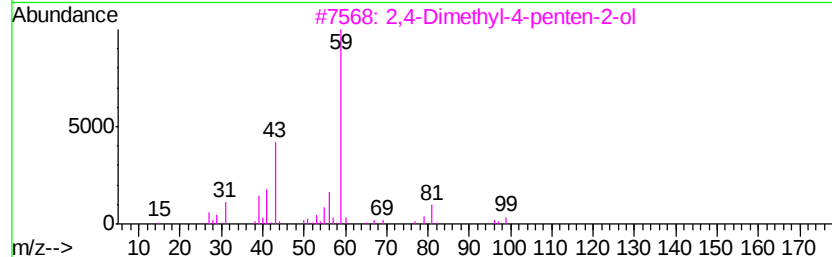
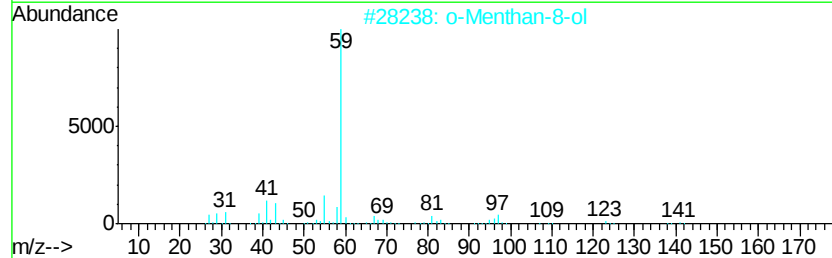
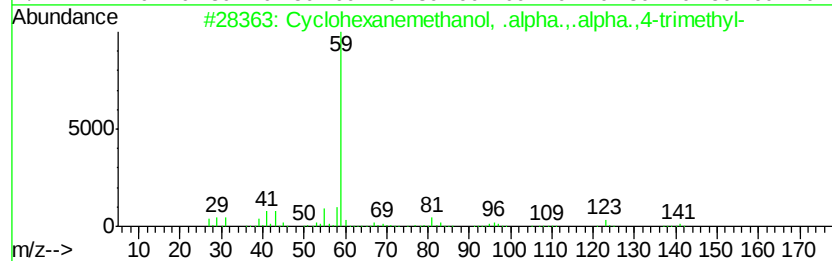
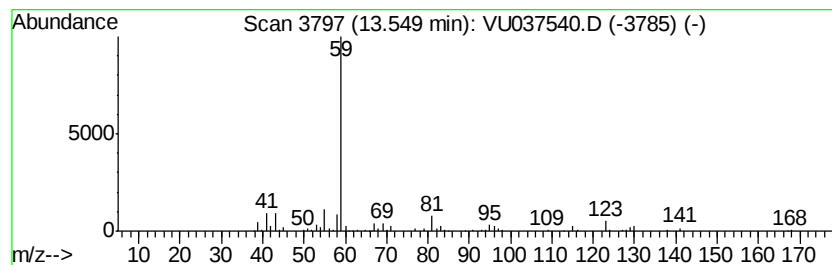
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 13

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.55 | 2.52 ug/L | 154833 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexanemethanol, .alpha...al... | 156 | C10H20O | 000498-81-7 | 78   |
| 2    |    | o-Menthan-8-ol                      | 156 | C10H20O | 343855-44-7 | 72   |
| 3    |    | 2,4-Dimethyl-4-penten-2-ol          | 114 | C7H14O  | 019781-53-4 | 64   |
| 4    |    | Cyclohexanemethanol, .alpha...al... | 156 | C10H20O | 007322-63-6 | 64   |
| 5    |    | 4-Methoxy-1-pentene                 | 100 | C6H12O  | 098386-09-5 | 59   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

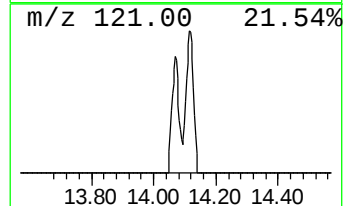
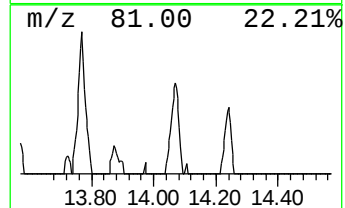
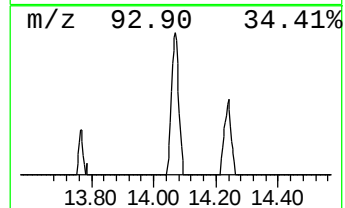
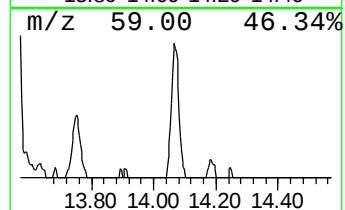
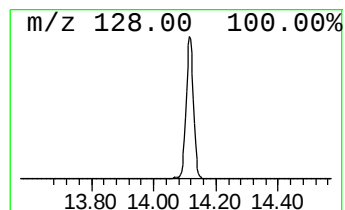
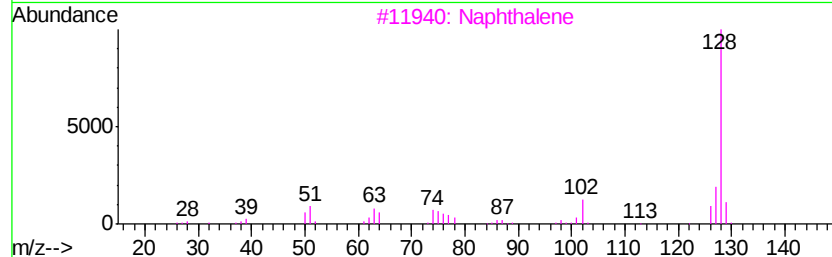
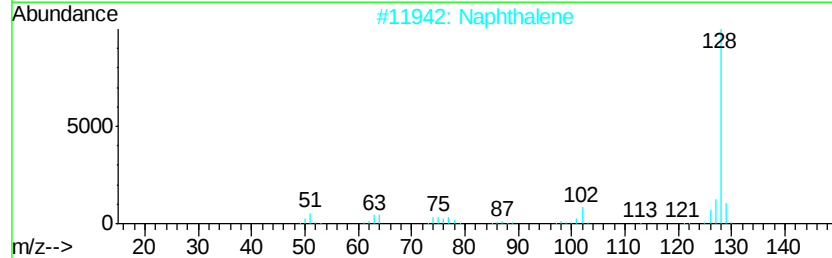
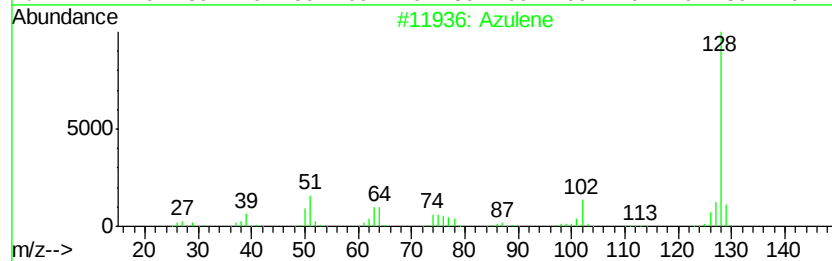
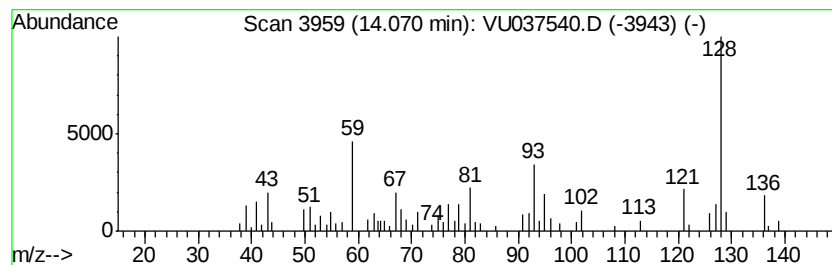
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Azulene Concentration Rank 26

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.07 | 0.63 ug/L | 38632 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of | 5                       | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------|--------------|-----|---------|-------------|------|
| 1       | Azulene                 |              | 128 | C10H8   | 000275-51-4 | 87   |
| 2       | Naphthalene             |              | 128 | C10H8   | 000091-20-3 | 55   |
| 3       | Naphthalene             |              | 128 | C10H8   | 000091-20-3 | 55   |
| 4       | Naphthalene             |              | 128 | C10H8   | 000091-20-3 | 55   |
| 5       | 1H-Indene, 1-methylene- |              | 128 | C10H8   | 002471-84-3 | 55   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

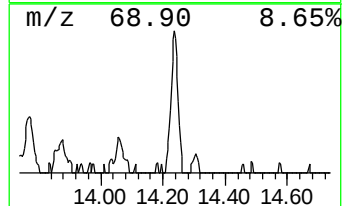
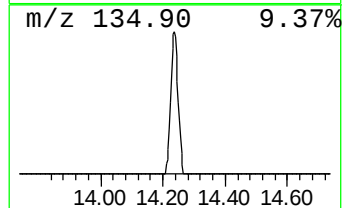
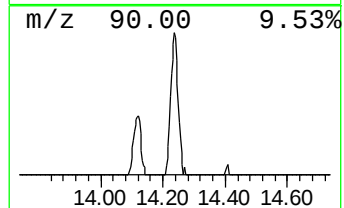
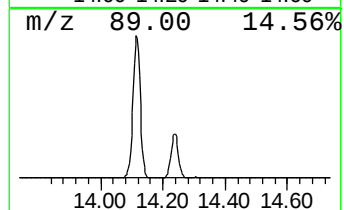
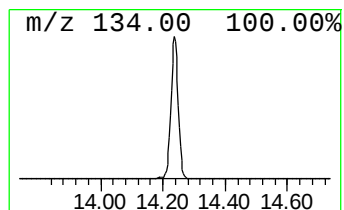
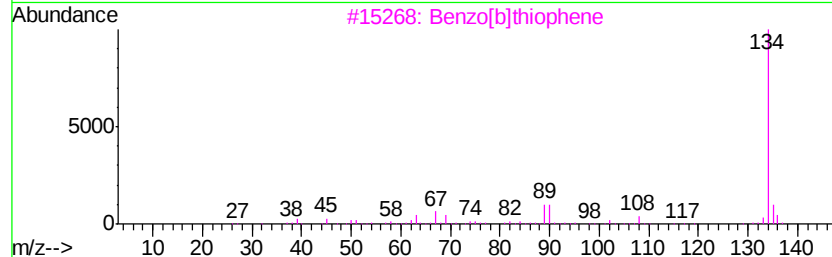
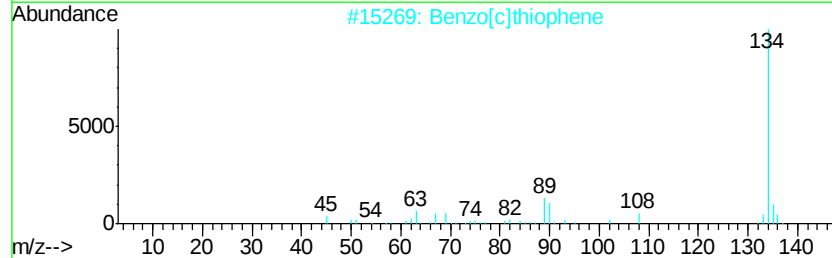
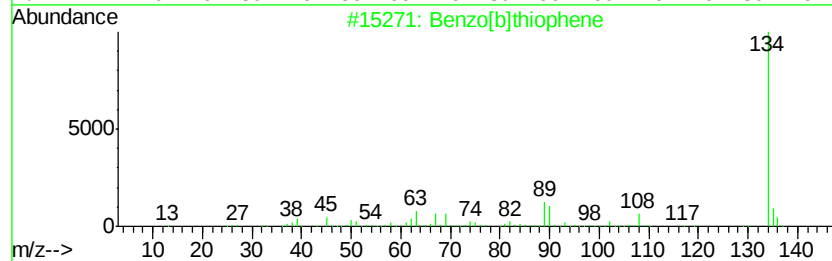
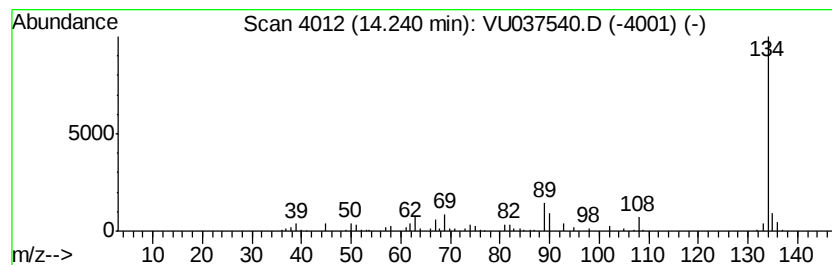
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Benzo[b]thiophene Concentration Rank 18

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.24 | 1.29 ug/L | 78962 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 97   |
| 2    |    | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 95   |
| 3    |    | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 4    |    | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 93   |
| 5    |    | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

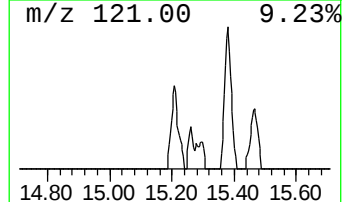
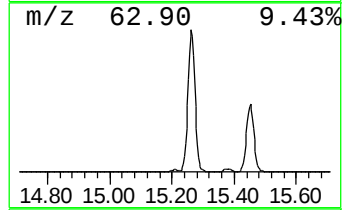
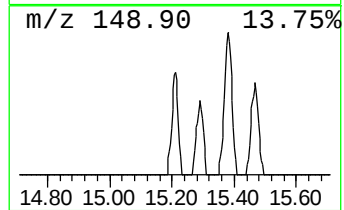
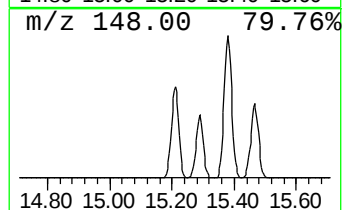
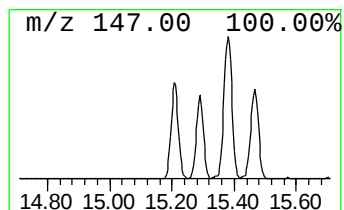
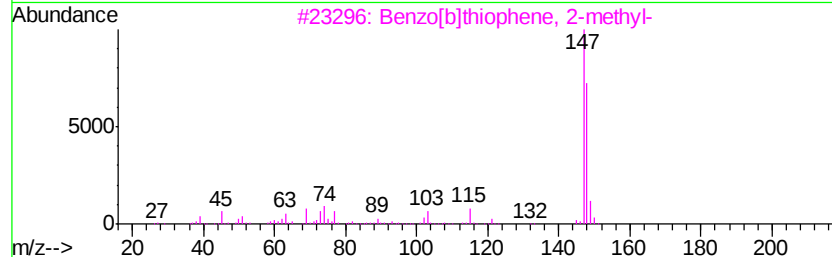
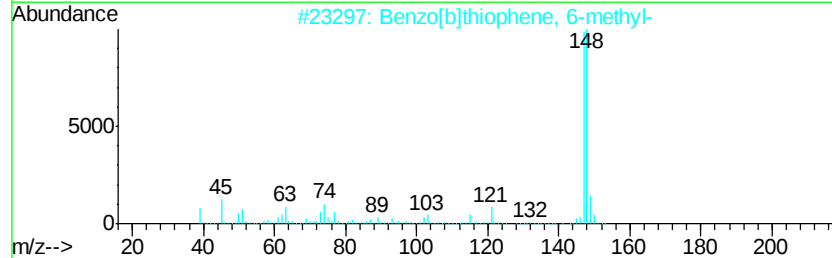
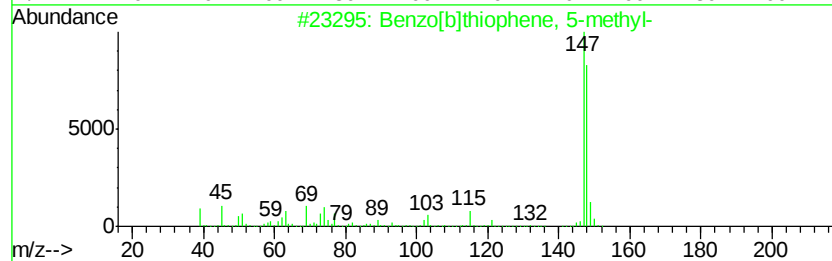
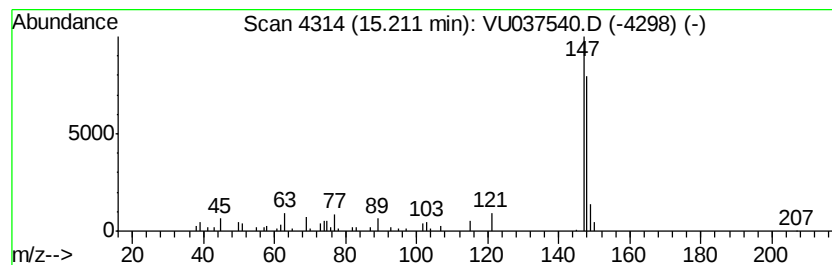
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzo[b]thiophene, 5-methyl- Concentration Rank 23

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 15.21 | 0.72 ug/L | 44381 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[b]thiophene, 5-methyl- | 148 | C9H8S   | 014315-14-1 | 87   |
| 2    |    | Benzo[b]thiophene, 6-methyl- | 148 | C9H8S   | 016587-47-6 | 87   |
| 3    |    | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S   | 001195-14-8 | 86   |
| 4    |    | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S   | 014315-11-8 | 83   |
| 5    |    | 3-Methylbenzothiophene       | 148 | C9H8S   | 001455-18-1 | 83   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

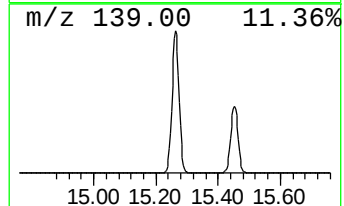
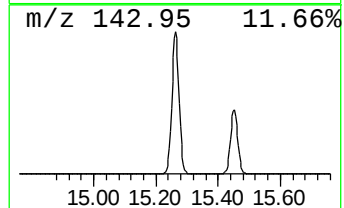
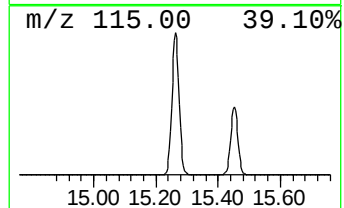
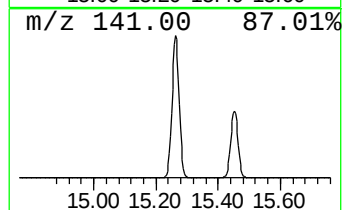
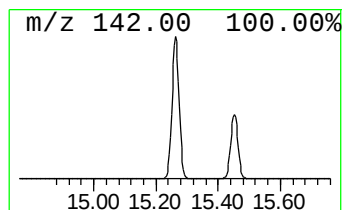
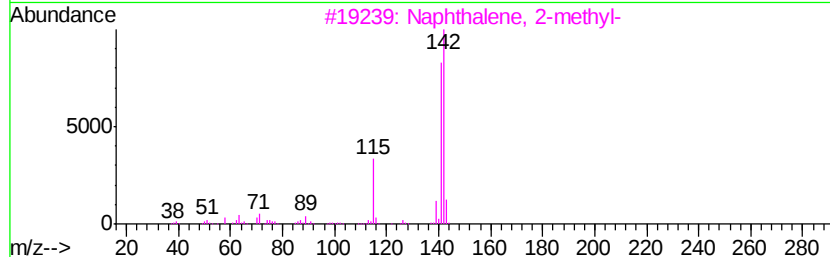
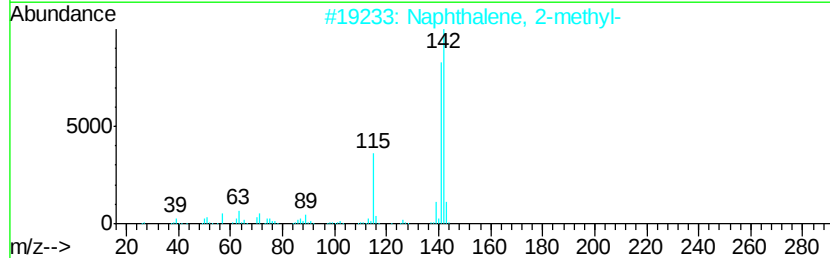
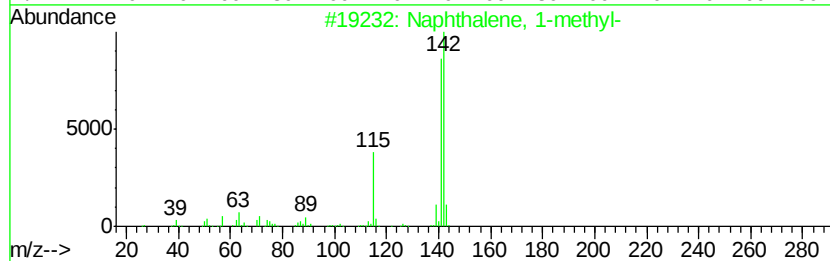
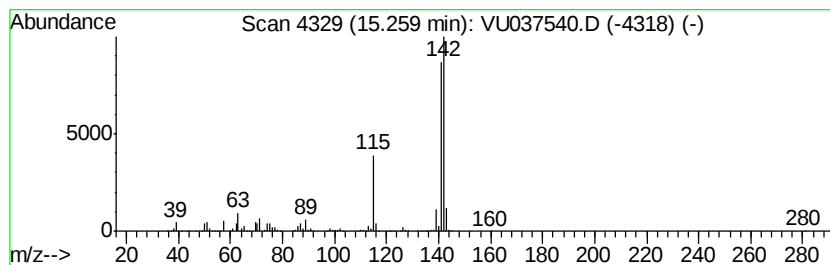
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 15.26 | 49.17 ug/L | 3020590 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 4    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 94   |
| 5    |    | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

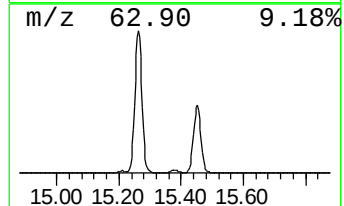
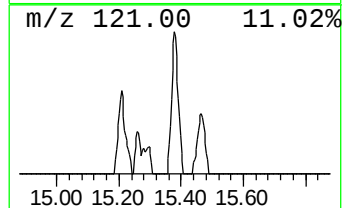
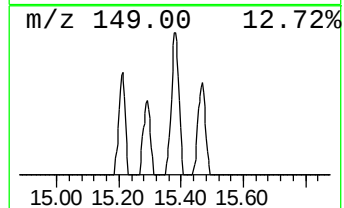
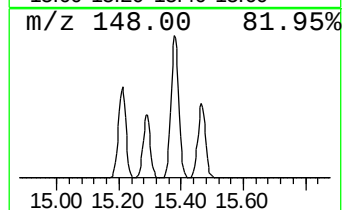
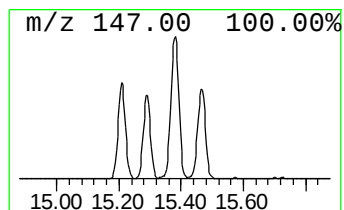
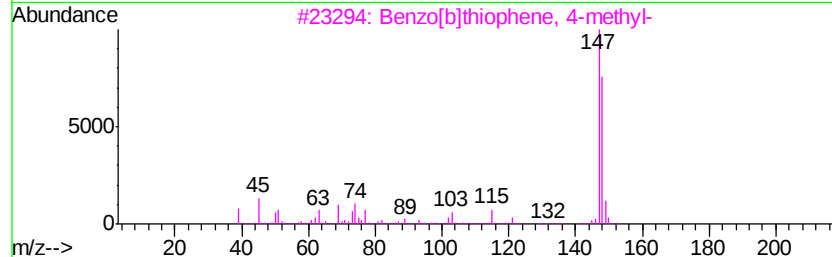
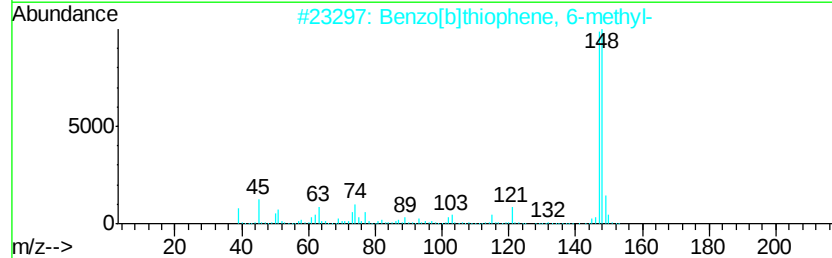
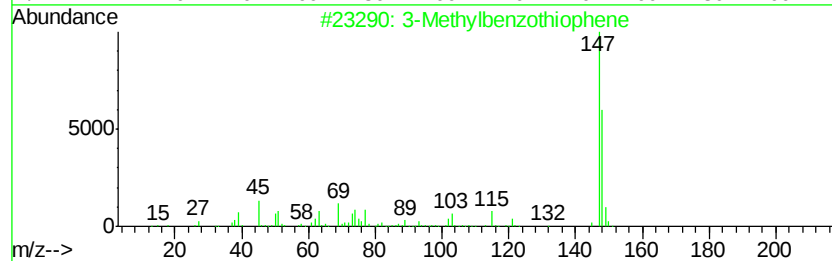
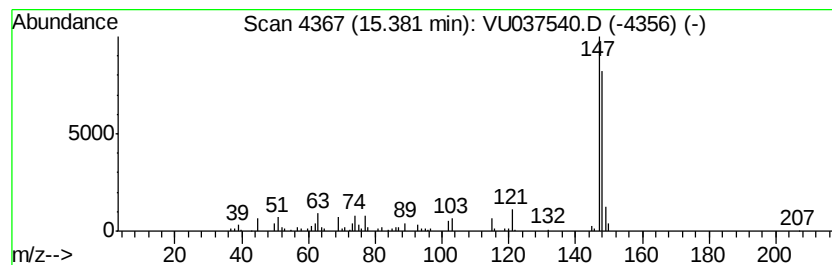
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 3-Methylbenzothiophene Concentration Rank 19

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 15.38 | 1.07 ug/L | 65855 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Methylbenzothiophene       | 148 | C9H8S   | 001455-18-1 | 91   |
| 2    |    | Benzo[b]thiophene, 6-methyl- | 148 | C9H8S   | 016587-47-6 | 91   |
| 3    |    | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S   | 014315-11-8 | 90   |
| 4    |    | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S   | 001195-14-8 | 90   |
| 5    |    | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S   | 001195-14-8 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

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Quant Title : TRACE VOA SOM01.0

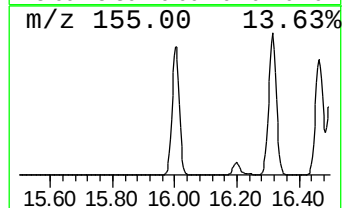
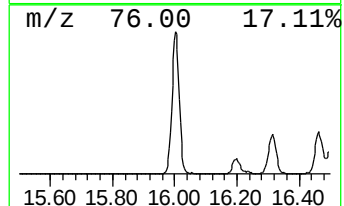
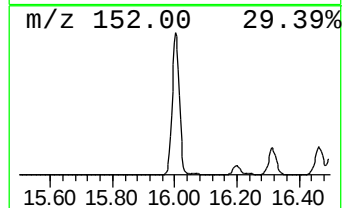
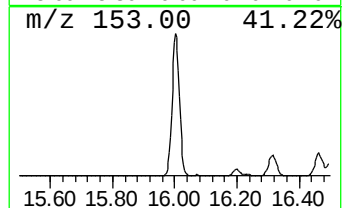
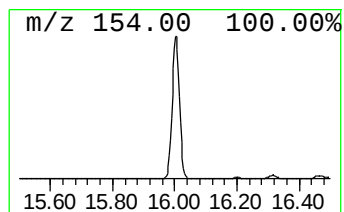
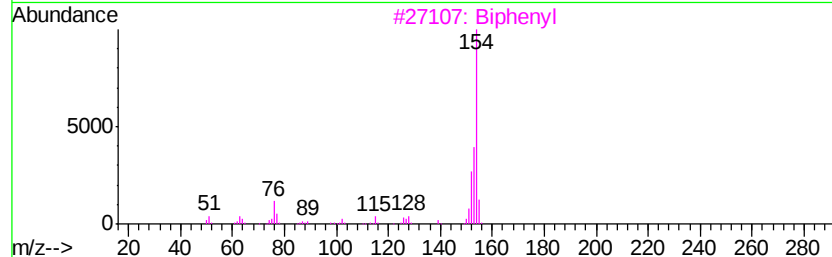
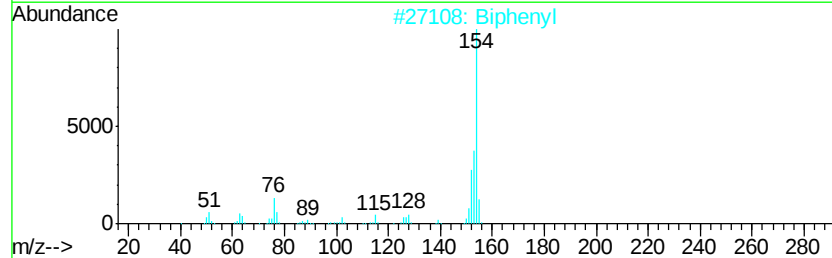
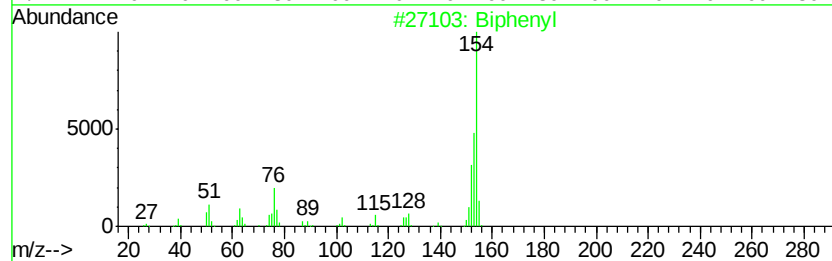
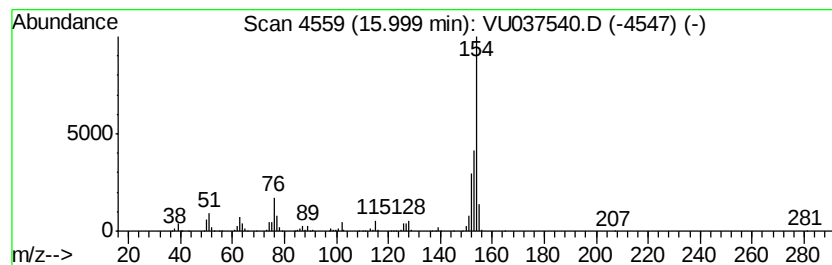
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Biphenyl Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 16.00 | 12.81 ug/L | 787060 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Biphenyl     | 154 | C12H10  | 000092-52-4 | 96   |
| 2    |    | Biphenyl     | 154 | C12H10  | 000092-52-4 | 95   |
| 3    |    | Biphenyl     | 154 | C12H10  | 000092-52-4 | 94   |
| 4    |    | Biphenyl     | 154 | C12H10  | 000092-52-4 | 94   |
| 5    |    | Biphenyl     | 154 | C12H10  | 000092-52-4 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

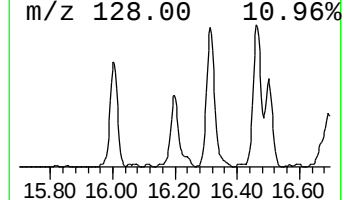
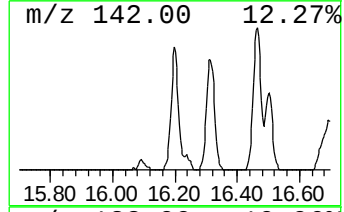
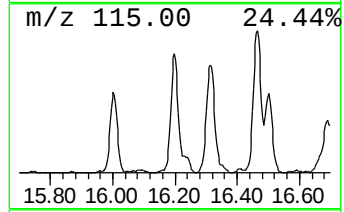
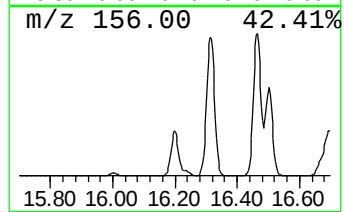
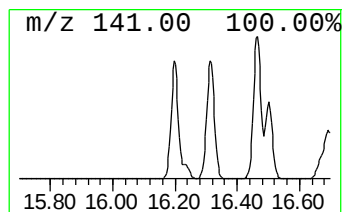
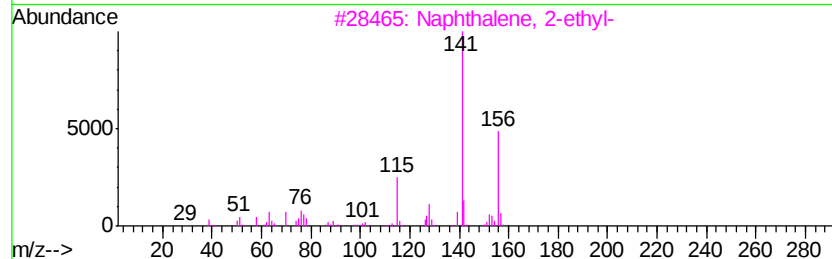
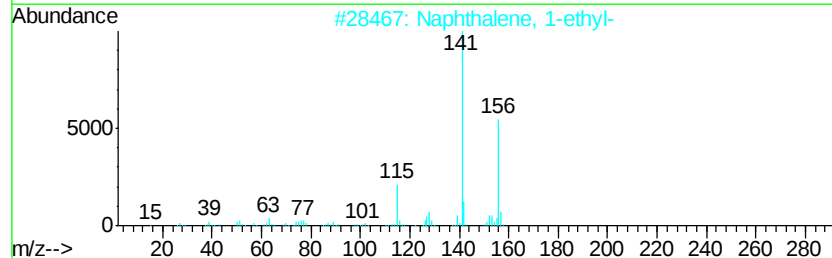
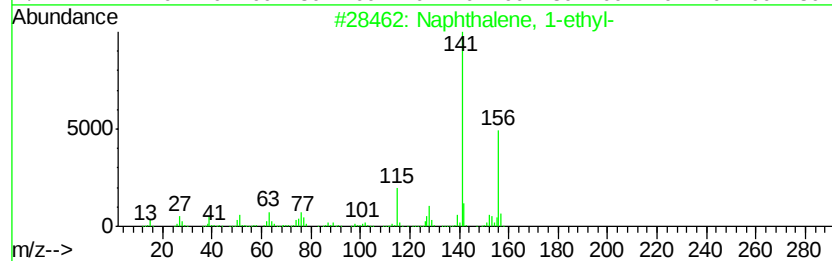
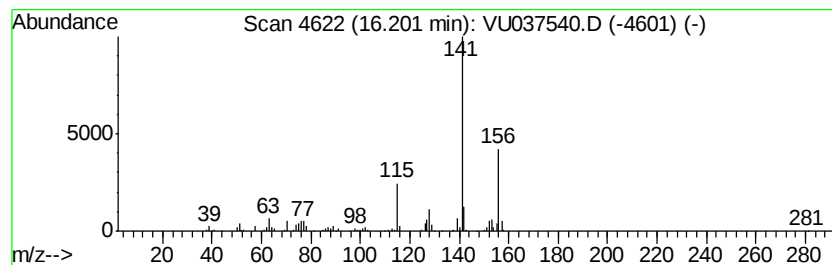
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 11

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.20 | 4.48 ug/L | 275082 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1-ethyl- | 156 | C12H12  | 001127-76-0 | 95   |
| 2    |    | Naphthalene, 1-ethyl- | 156 | C12H12  | 001127-76-0 | 95   |
| 3    |    | Naphthalene, 2-ethyl- | 156 | C12H12  | 000939-27-5 | 94   |
| 4    |    | Naphthalene, 2-ethyl- | 156 | C12H12  | 000939-27-5 | 94   |
| 5    |    | Naphthalene, 2-ethyl- | 156 | C12H12  | 000939-27-5 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

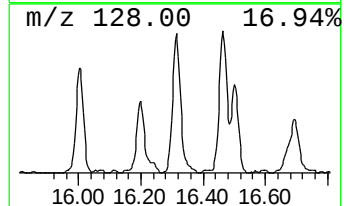
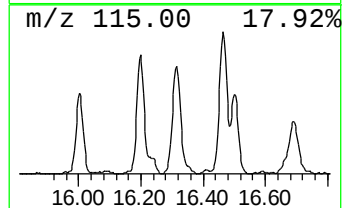
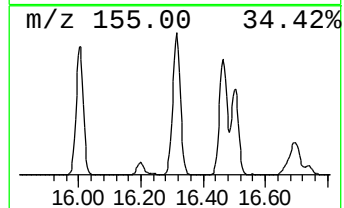
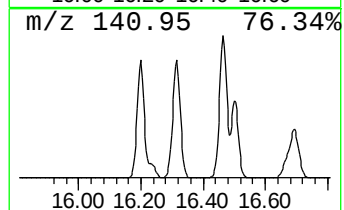
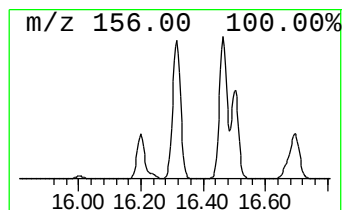
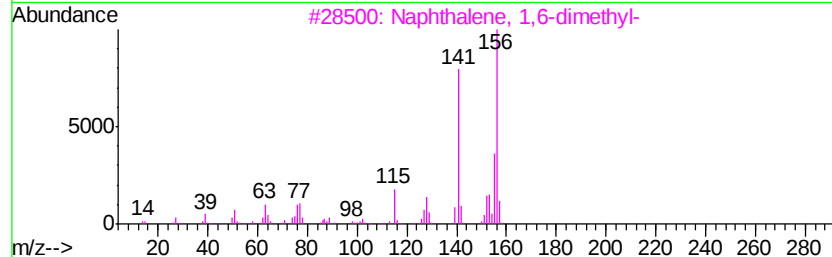
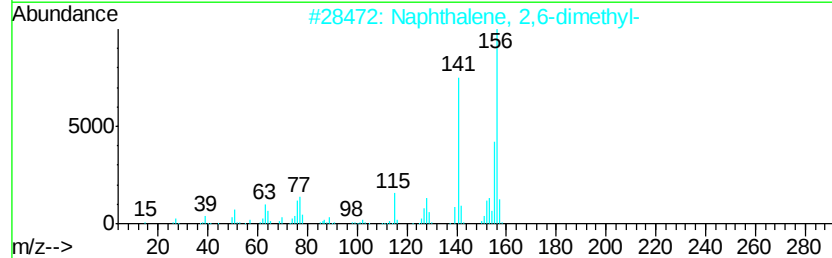
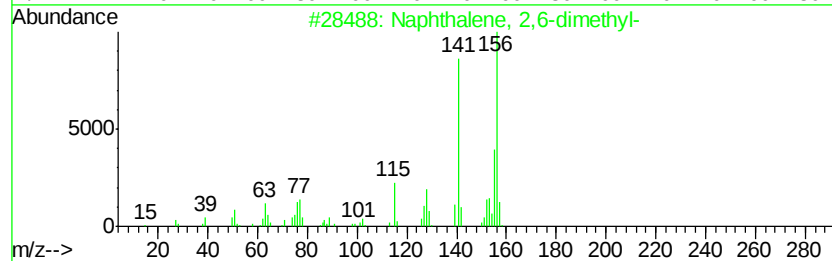
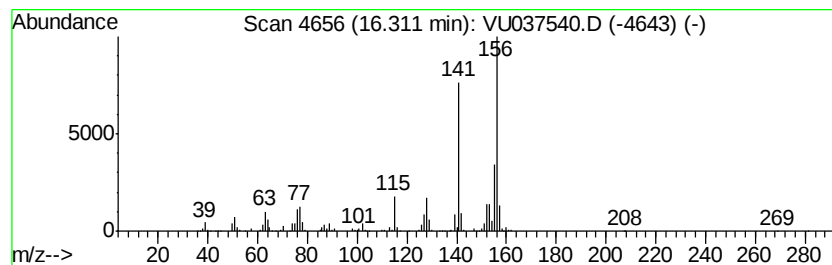
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.31 | 8.91 ug/L | 547339 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 3    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 4    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 98   |
| 5    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 98   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

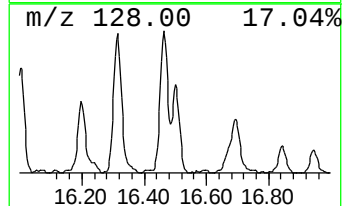
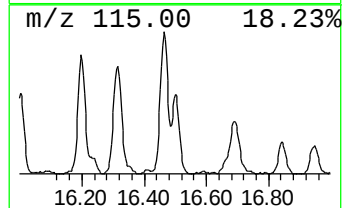
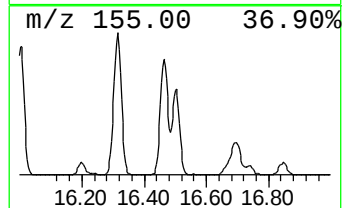
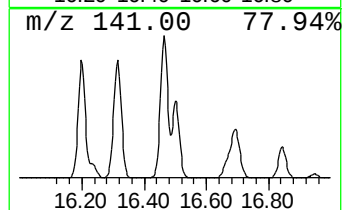
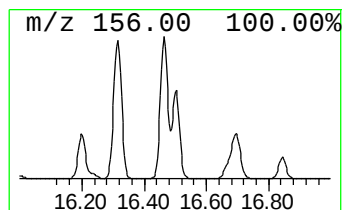
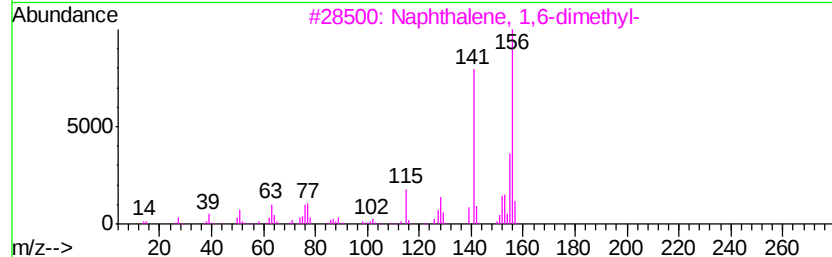
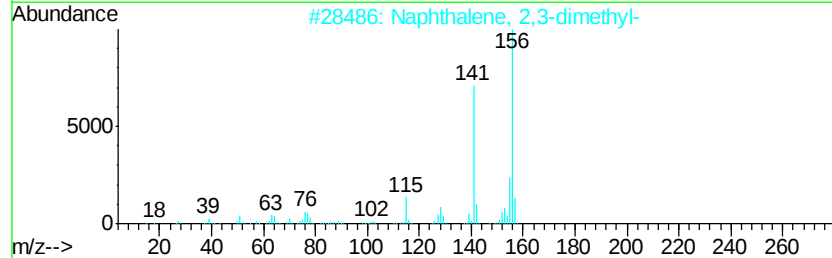
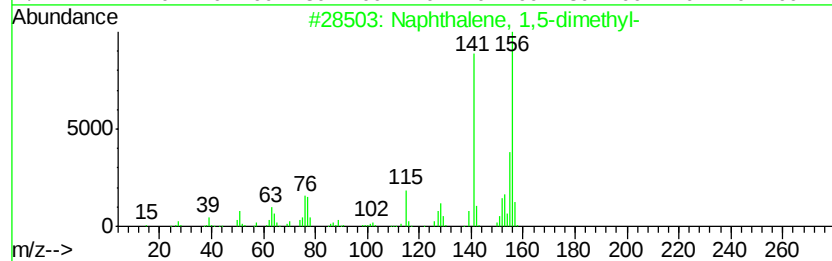
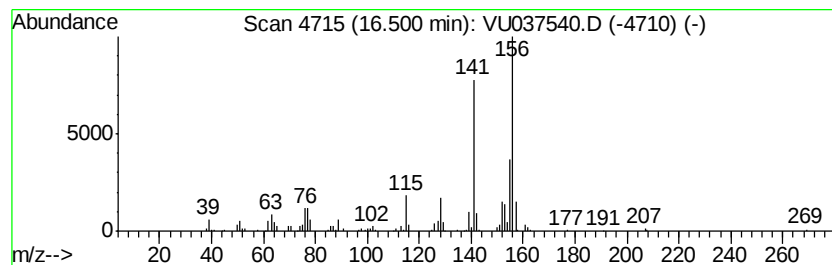
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Naphthalene, 1,5-dimethyl- Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.50 | 4.91 ug/L | 301683 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 98   |
| 2    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 4    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 5    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

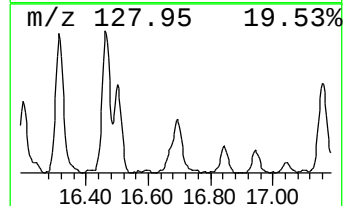
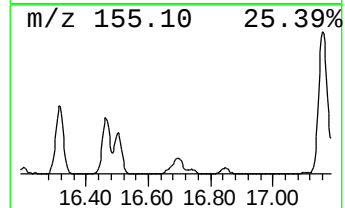
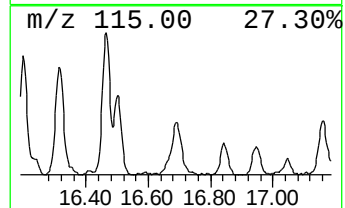
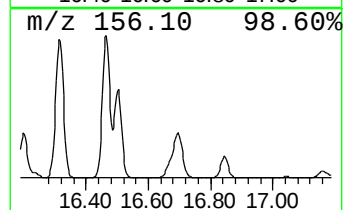
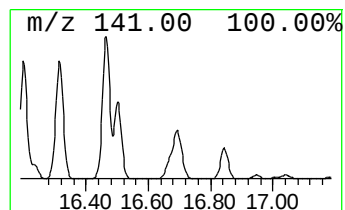
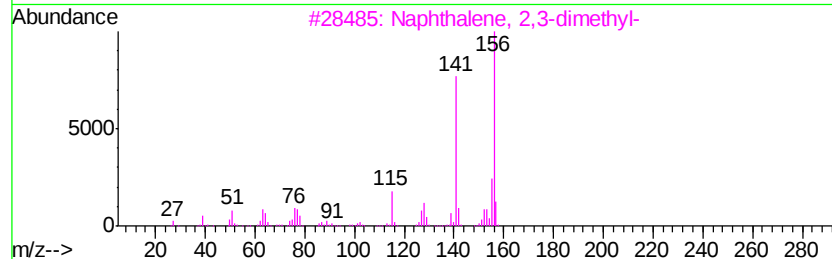
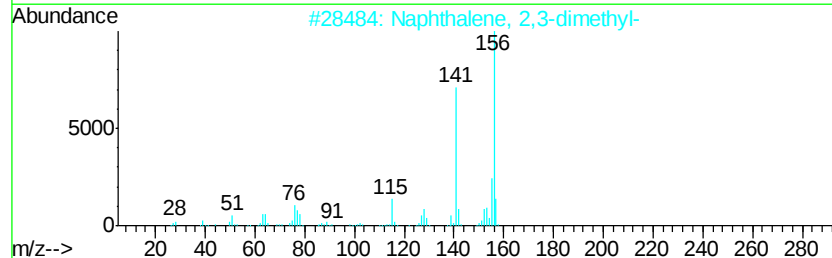
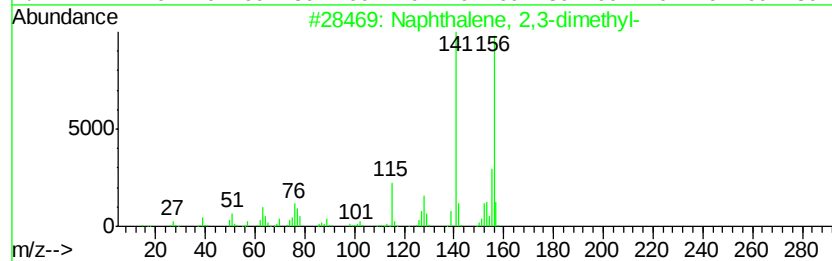
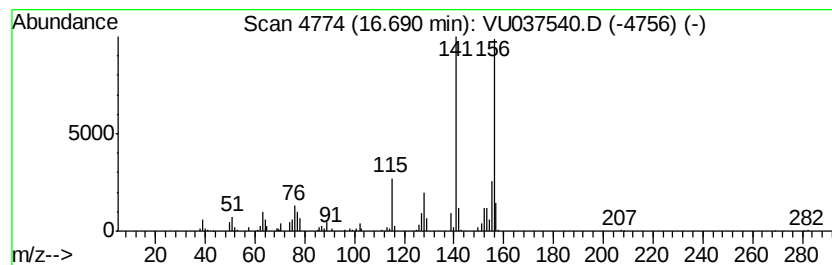
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 12

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.69 | 4.01 ug/L | 246164 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 5    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
 Data File : VU037540.D  
 Acq On : 01 Apr 2020 23:18  
 Operator : JC/MD  
 Sample : L2065-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
 Quant Title : TRACE VOA SOM01.0

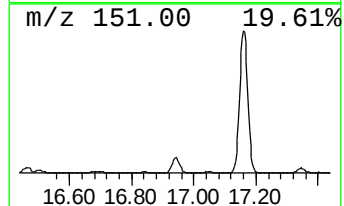
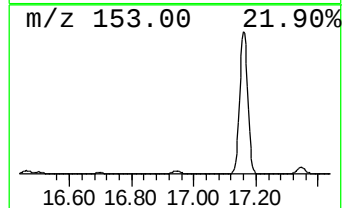
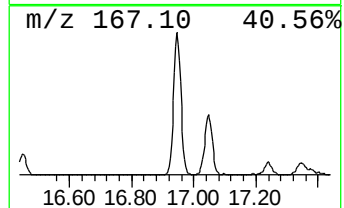
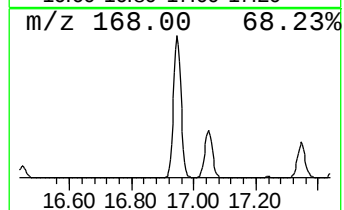
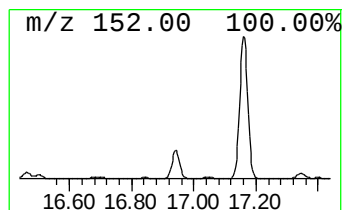
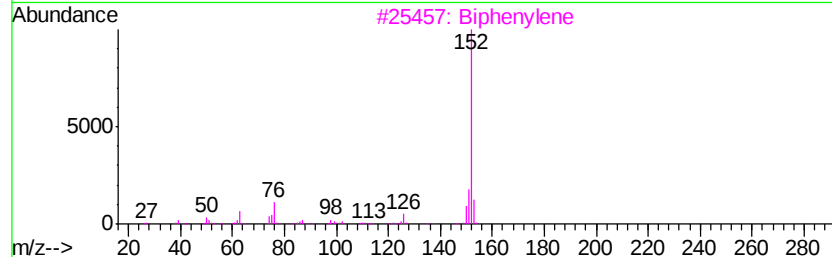
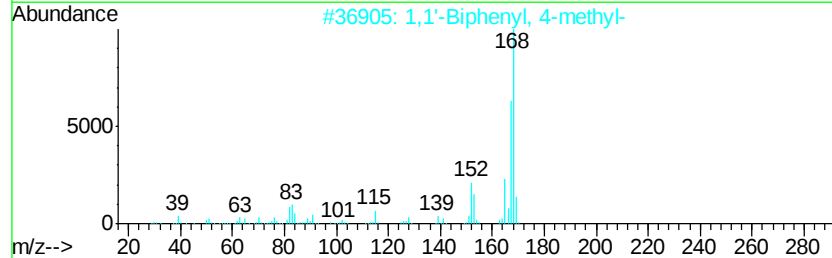
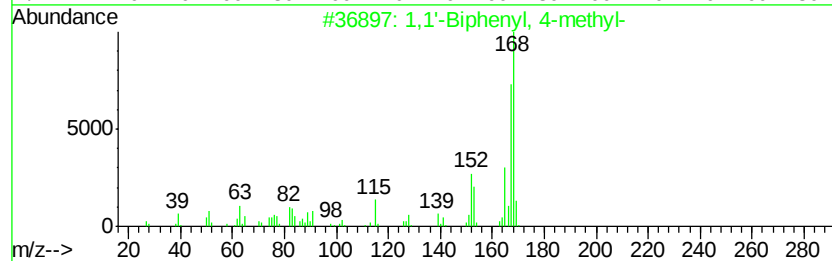
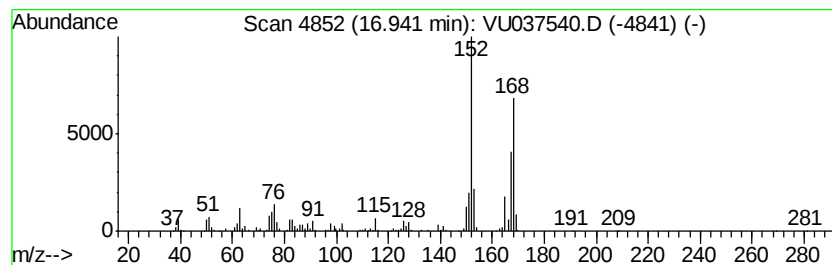
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 21 1,1'-Biphenyl, 4-methyl- Concentration Rank 9

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.94 | 5.79 ug/L | 355565 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12  | 000644-08-6 | 86   |
| 2    |    | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12  | 000644-08-6 | 50   |
| 3    |    | Biphenylene              | 152 | C12H8   | 000259-79-0 | 46   |
| 4    |    | Biphenylene              | 152 | C12H8   | 000259-79-0 | 46   |
| 5    |    | Diphenylmethane          | 168 | C13H12  | 000101-81-5 | 45   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

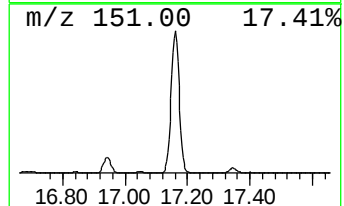
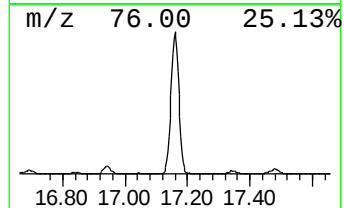
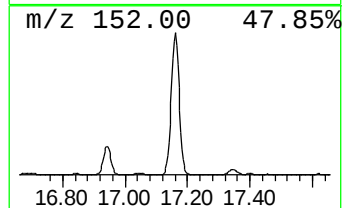
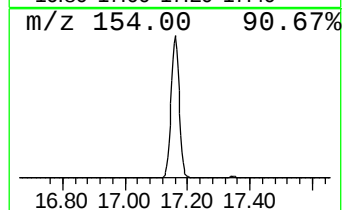
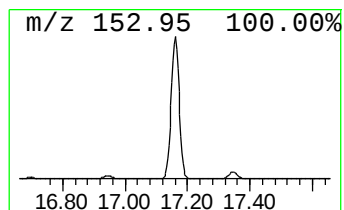
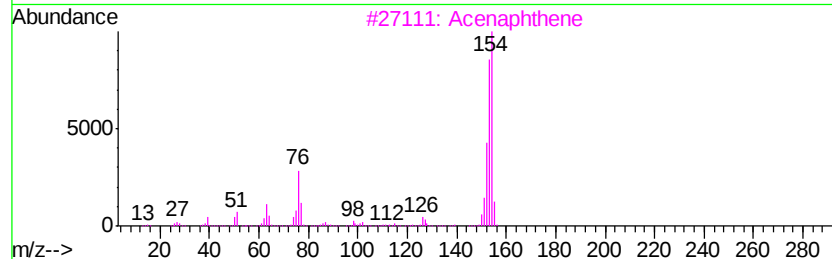
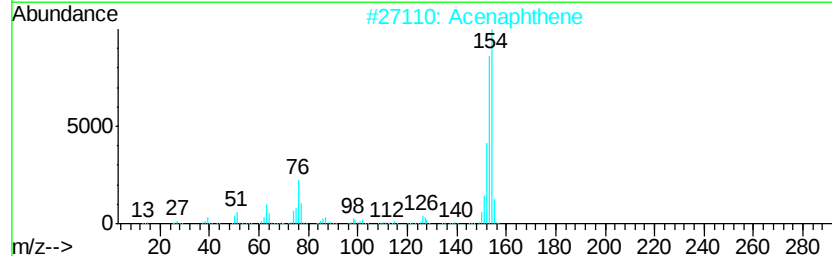
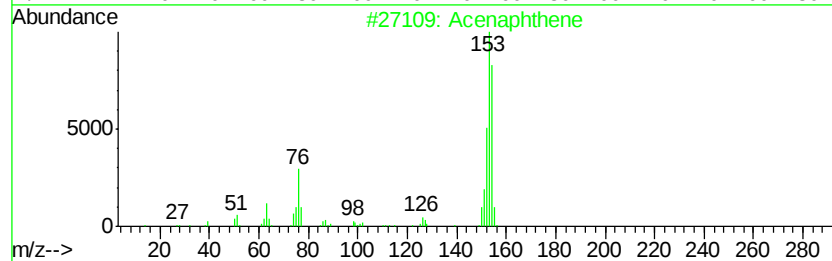
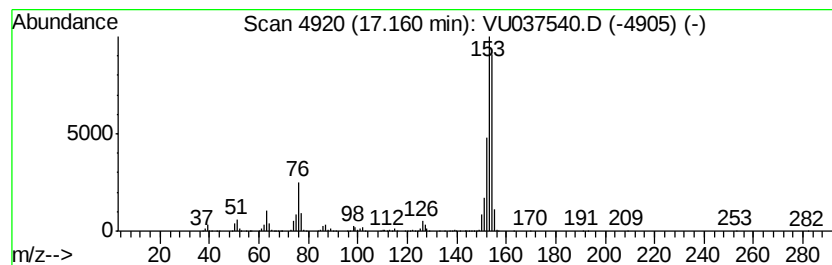
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 Acenaphthene Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 17.16 | 50.86 ug/L | 3124110 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 96   |
| 2    |    | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 93   |
| 3    |    | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 92   |
| 4    |    | Acenaphthene                        | 154 | C12H10  | 000083-32-9 | 81   |
| 5    |    | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10  | 007322-47-6 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

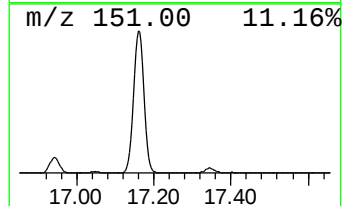
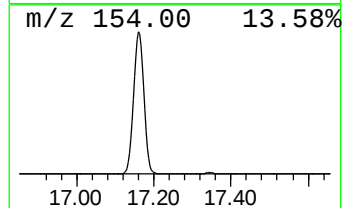
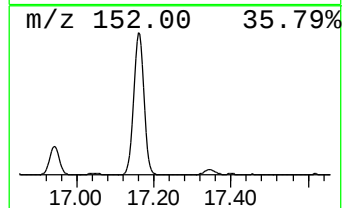
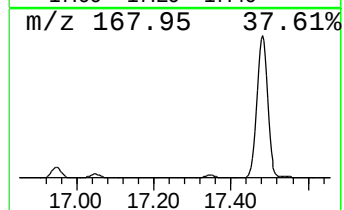
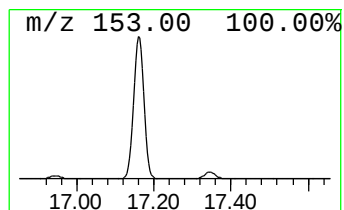
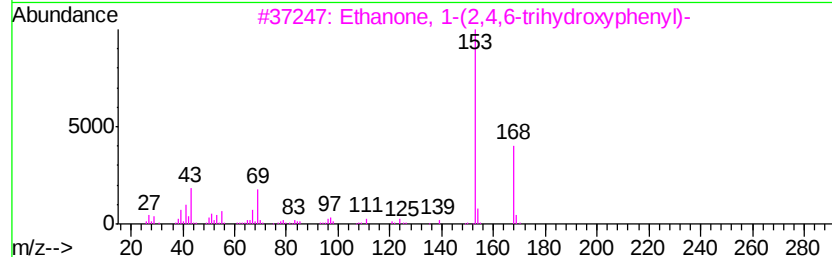
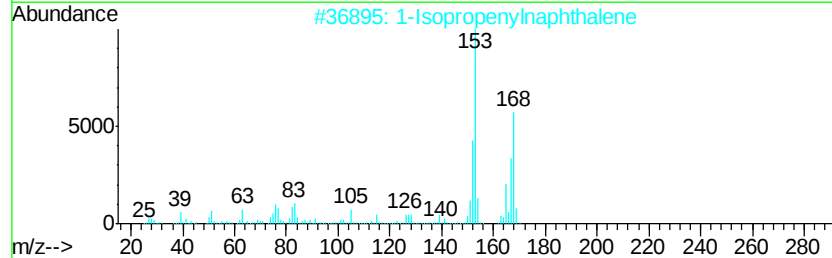
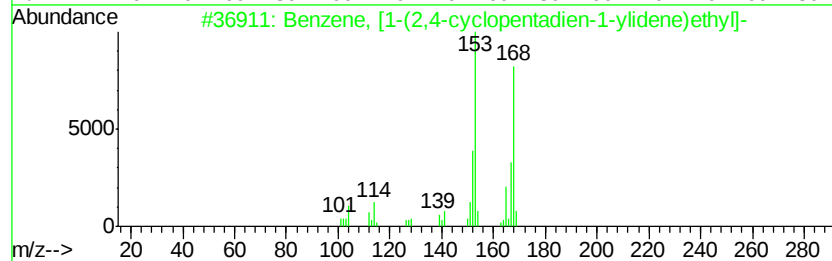
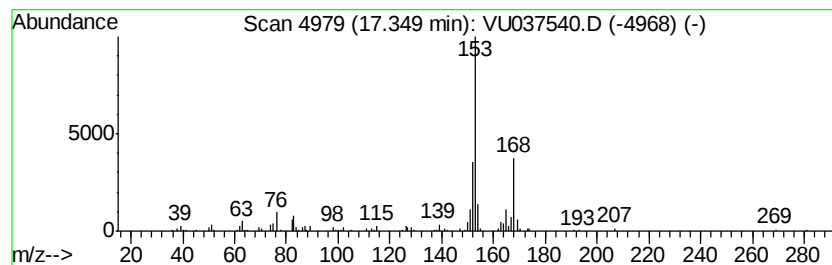
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 24 Benzene, [1-(2,4-cyclopenta... Concentration Rank 14

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 17.35 | 2.07 ug/L | 127265 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                          | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, [1-(2,4-cyclopentadien-...   | 168 | C13H12   | 002320-32-3 | 64   |
| 2    |    | 1-Isopropenylnaphthalene              | 168 | C13H12   | 001855-47-6 | 58   |
| 3    |    | Ethanone, 1-(2,4,6-trihydroxypheno... | 168 | C8H8O4   | 000480-66-0 | 50   |
| 4    |    | 2-Naphthalenecarbonitrile             | 153 | C11H7N   | 000613-46-7 | 47   |
| 5    |    | .beta.-(1-Naphthyl)acrylic acid       | 198 | C13H10O2 | 013026-12-5 | 45   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

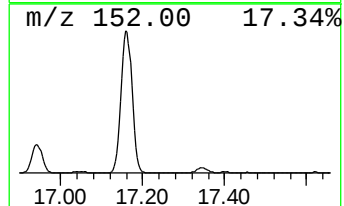
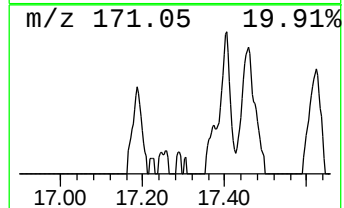
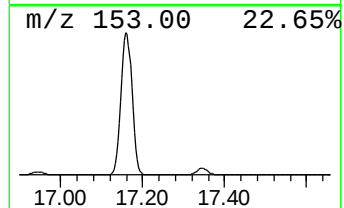
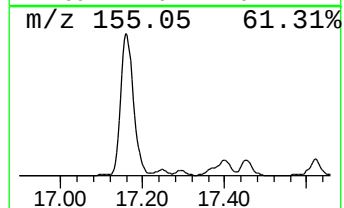
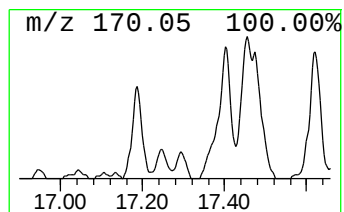
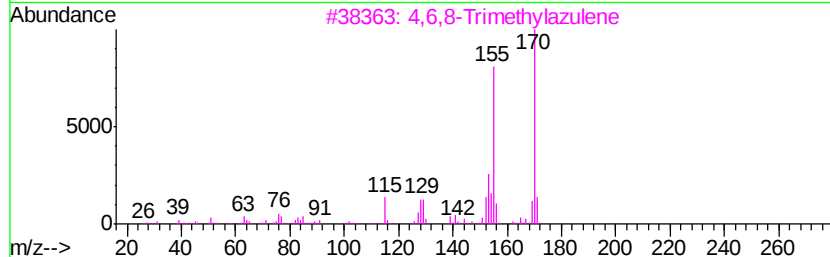
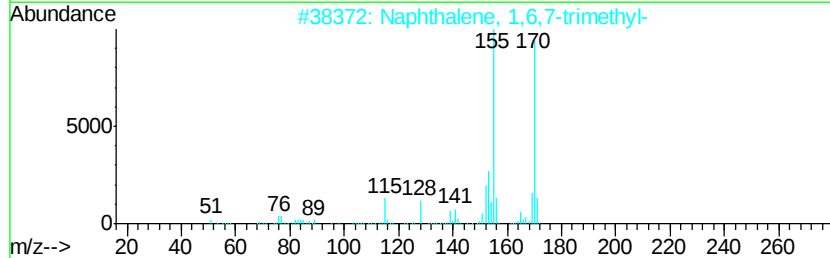
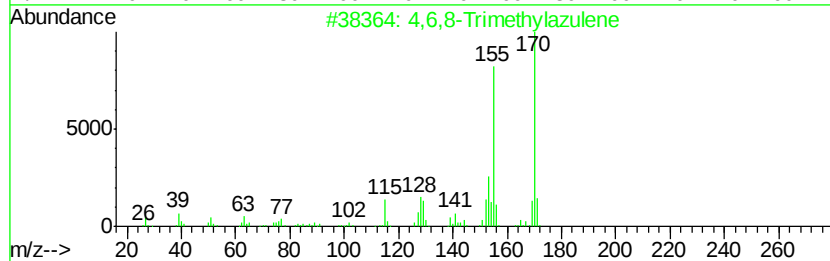
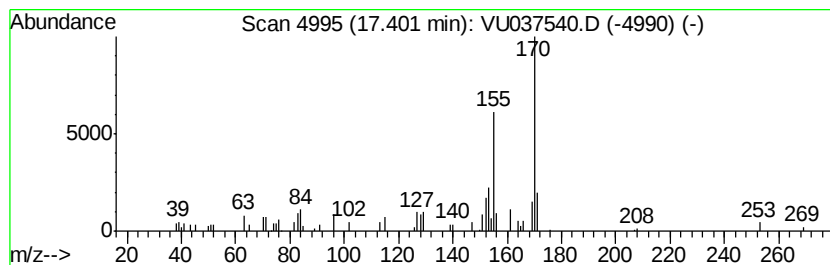
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 25 4,6,8-Trimethylazulene Concentration Rank 27

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 17.40 | 0.56 ug/L | 34691 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 4,6,8-Trimethylazulene        | 170 | C13H14  | 000941-81-1 | 90   |
| 2    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 83   |
| 3    |    | 4,6,8-Trimethylazulene        | 170 | C13H14  | 000941-81-1 | 80   |
| 4    |    | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 72   |
| 5    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

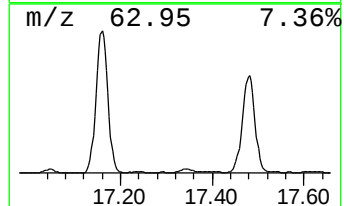
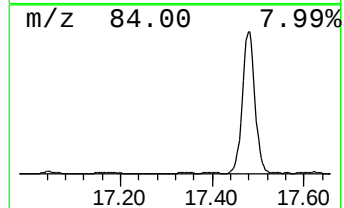
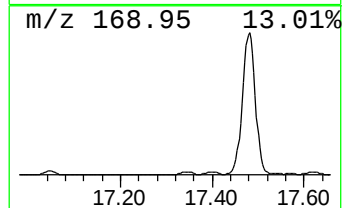
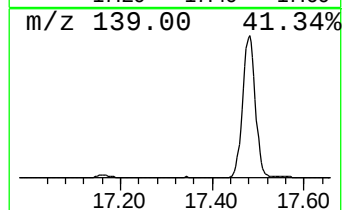
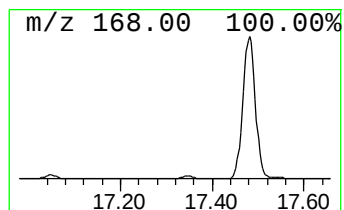
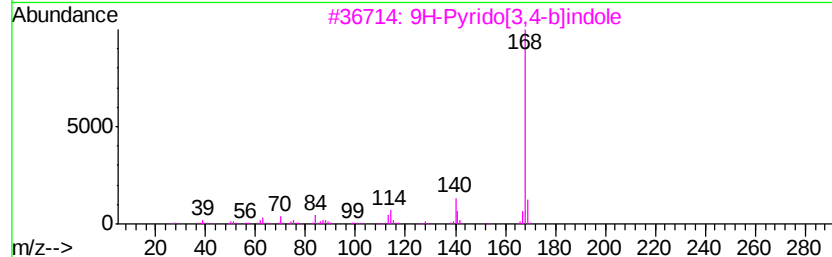
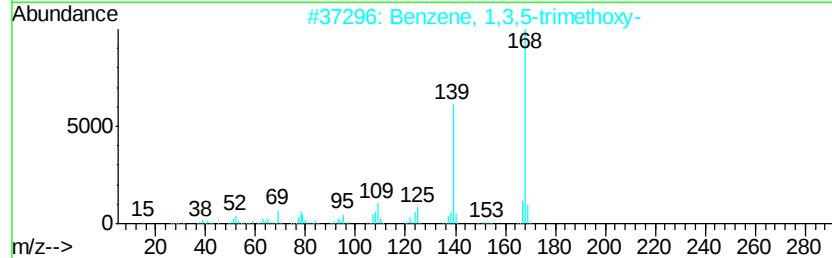
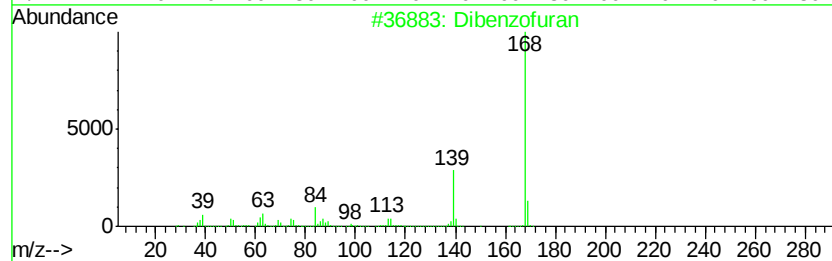
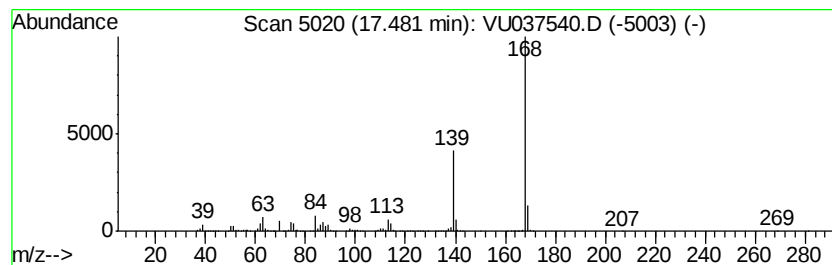
Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 26 Dibenzofuran Concentration Rank 4

| R.T.      | EstConc                     | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-----------------------------|---------|------------------------|-------------|------|
| 17.48     | 34.12 ug/L                  | 2096160 | 1,4-Dichlorobenzene-d4 | 11.83       |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm                | CAS#        | Qual |
| 1         | Dibenzofuran                | 168     | C12H8O                 | 000132-64-9 | 91   |
| 2         | Benzene, 1,3,5-trimethoxy-  | 168     | C9H12O3                | 000621-23-8 | 72   |
| 3         | 9H-Pvrido[3,4-blindole      | 168     | C11H8N2                | 000244-63-3 | 53   |
| 4         | Naphtho[2,1-dlimidazole     | 168     | C11H8N2                | 000233-53-4 | 50   |
| 5         | 3,5-Dimethoxybenzyl alcohol | 168     | C9H12O3                | 000705-76-0 | 50   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040120\  
Data File : VU037540.D  
Acq On : 01 Apr 2020 23:18  
Operator : JC/MD  
Sample : L2065-19  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBF15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
Quant Title : TRACE VOA SOM01.0

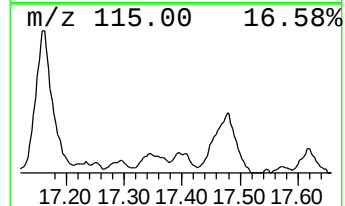
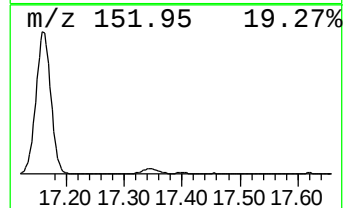
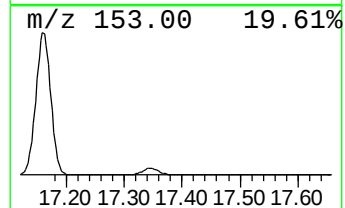
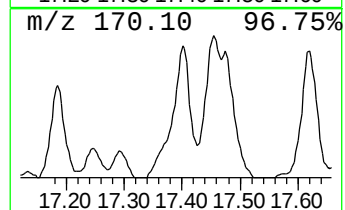
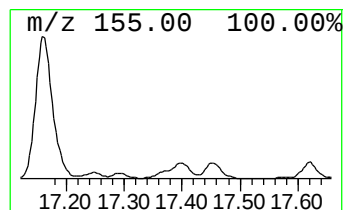
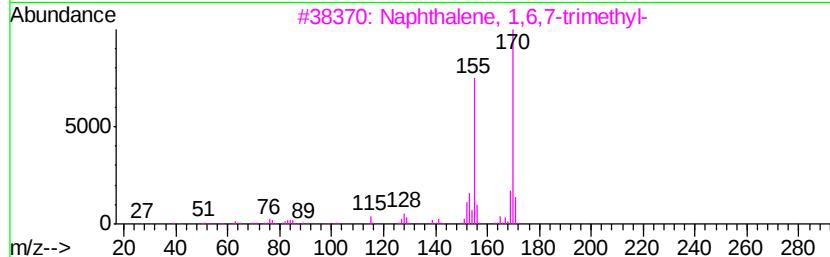
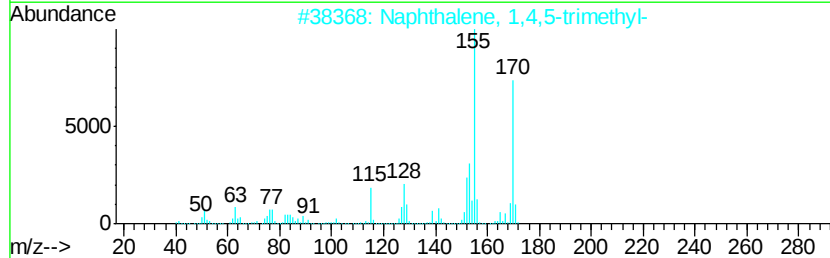
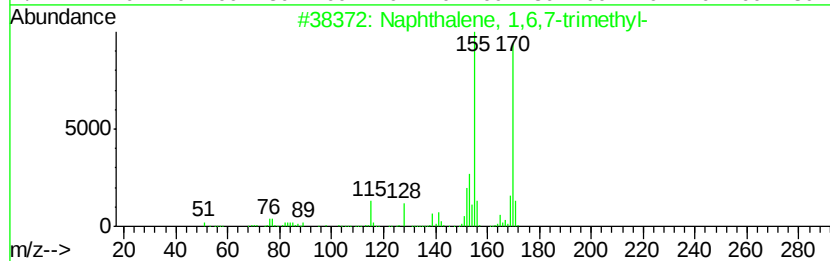
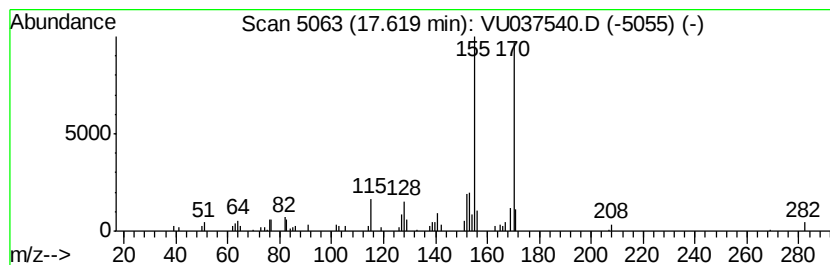
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 27 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 17.62 | 0.64 ug/L | 39488 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 97   |
| 2    |    |   | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 95   |
| 3    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 94   |
| 4    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 94   |
| 5    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 91   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU040120\  
 Data File : VU037540.D  
 Acq On : 01 Apr 2020 23:18  
 Operator : JC/MD  
 Sample : L2065-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBF15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR040120WMA.M  
 Quant Title : TRACE VOA SOM01.0

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Butenal, (E)-      | 1.37  | 1.0     | ug/L  | 44781    | 1                     | 6.28  | 221308 | 5.0  |
| Cyclohexene, 4-me... | 11.11 | 0.8     | ug/L  | 47173    | 3                     | 11.83 | 307149 | 5.0  |
| Indane               | 12.11 | 0.7     | ug/L  | 42524    | 3                     | 11.83 | 307149 | 5.0  |
| Indene               | 12.32 | 0.9     | ug/L  | 55728    | 3                     | 11.83 | 307149 | 5.0  |
| Cyclohexanemethan... | 13.55 | 2.5     | ug/L  | 154833   | 3                     | 11.83 | 307149 | 5.0  |
| Azulene              | 14.07 | 0.6     | ug/L  | 38632    | 3                     | 11.83 | 307149 | 5.0  |
| Benzo[b]thiophene    | 14.24 | 1.3     | ug/L  | 78962    | 3                     | 11.83 | 307149 | 5.0  |
| Benzo[b]thiophene... | 15.21 | 0.7     | ug/L  | 44381    | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 1-me... | 15.26 | 49.2    | ug/L  | 3020590  | 3                     | 11.83 | 307149 | 5.0  |
| 3-Methylbenzothio... | 15.38 | 1.1     | ug/L  | 65855    | 3                     | 11.83 | 307149 | 5.0  |
| Biphenyl             | 16.00 | 12.8    | ug/L  | 787060   | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 1-et... | 16.20 | 4.5     | ug/L  | 275082   | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 2,6-... | 16.31 | 8.9     | ug/L  | 547339   | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 1,5-... | 16.50 | 4.9     | ug/L  | 301683   | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 2,3-... | 16.69 | 4.0     | ug/L  | 246164   | 3                     | 11.83 | 307149 | 5.0  |
| 1,1'-Biphenyl, 4-... | 16.94 | 5.8     | ug/L  | 355565   | 3                     | 11.83 | 307149 | 5.0  |
| Acenaphthene         | 17.16 | 50.9    | ug/L  | 3124110  | 3                     | 11.83 | 307149 | 5.0  |
| Benzene, [1-(2,4-... | 17.35 | 2.1     | ug/L  | 127265   | 3                     | 11.83 | 307149 | 5.0  |
| 4,6,8-Trimethylaz... | 17.40 | 0.6     | ug/L  | 34691    | 3                     | 11.83 | 307149 | 5.0  |
| Dibenzofuran         | 17.48 | 34.1    | ug/L  | 2096160  | 3                     | 11.83 | 307149 | 5.0  |
| Naphthalene, 1,6,... | 17.62 | 0.6     | ug/L  | 39488    | 3                     | 11.83 | 307149 | 5.0  |