

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
 Data File : VU044964.D  
 Acq On : 29 Sep 2021 00:58  
 Operator : SY/MD  
 Sample : M3926-03DL 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EP-1-MW-3R-0921DL

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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\82U092821W.M  
 Title : SW846 8260

Signal : TIC: VU044964.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.475       | 35            | 42          | 56           | rBV      | 29193          | 33460         | 1.75%           | 0.280%        |
| 2         | 5.295       | 1212          | 1230        | 1243         | rBV      | 170781         | 361218        | 18.93%          | 3.026%        |
| 3         | 5.379       | 1243          | 1256        | 1278         | rVB      | 292108         | 604151        | 31.67%          | 5.061%        |
| 4         | 5.706       | 1343          | 1358        | 1382         | rBV      | 202303         | 423026        | 22.17%          | 3.543%        |
| 5         | 6.253       | 1515          | 1528        | 1555         | rVB      | 438863         | 836035        | 43.82%          | 7.003%        |
| 6         | 7.044       | 1762          | 1774        | 1791         | rBV2     | 19826          | 38141         | 2.00%           | 0.319%        |
| 7         | 7.903       | 2018          | 2041        | 2070         | rBV      | 676356         | 1178776       | 61.78%          | 9.874%        |
| 8         | 8.732       | 2290          | 2299        | 2317         | rVB      | 31036          | 52862         | 2.77%           | 0.443%        |
| 9         | 9.420       | 2499          | 2513        | 2533         | rBV      | 637324         | 1044427       | 54.74%          | 8.749%        |
| 10        | 9.574       | 2551          | 2561        | 2573         | rVB      | 64197          | 101039        | 5.30%           | 0.846%        |
| 11        | 9.697       | 2582          | 2599        | 2614         | rBV      | 137845         | 243157        | 12.74%          | 2.037%        |
| 12        | 10.037      | 2693          | 2705        | 2711         | rBV4     | 9179           | 19266         | 1.01%           | 0.161%        |
| 13        | 10.102      | 2719          | 2725        | 2741         | rVB      | 24508          | 45791         | 2.40%           | 0.384%        |
| 14        | 10.275      | 2772          | 2779        | 2791         | rVB2     | 22093          | 36204         | 1.90%           | 0.303%        |
| 15        | 10.362      | 2796          | 2806        | 2825         | rVB10    | 17795          | 43193         | 2.26%           | 0.362%        |
| 16        | 10.488      | 2834          | 2845        | 2856         | rBV      | 128686         | 197417        | 10.35%          | 1.654%        |
| 17        | 10.636      | 2879          | 2891        | 2904         | rBV      | 505706         | 806849        | 42.29%          | 6.758%        |
| 18        | 10.700      | 2905          | 2911        | 2921         | rVB4     | 13149          | 21941         | 1.15%           | 0.184%        |
| 19        | 10.816      | 2939          | 2947        | 2959         | rVB6     | 13886          | 23721         | 1.24%           | 0.199%        |
| 20        | 10.909      | 2964          | 2976        | 2995         | rVV      | 197928         | 306014        | 16.04%          | 2.563%        |
| 21        | 10.999      | 2995          | 3004        | 3021         | rVV      | 37902          | 75716         | 3.97%           | 0.634%        |
| 22        | 11.092      | 3021          | 3033        | 3054         | rVB2     | 55943          | 95079         | 4.98%           | 0.796%        |
| 23        | 11.301      | 3086          | 3098        | 3119         | rBV6     | 18790          | 41583         | 2.18%           | 0.348%        |
| 24        | 11.423      | 3125          | 3136        | 3140         | rBV      | 21421          | 32046         | 1.68%           | 0.268%        |
| 25        | 11.472      | 3140          | 3151        | 3175         | rVB      | 1251554        | 1907895       | 100.00%         | 15.981%       |
| 26        | 11.613      | 3183          | 3195        | 3199         | rBV2     | 39311          | 60437         | 3.17%           | 0.506%        |
| 27        | 11.645      | 3199          | 3205        | 3218         | rVB      | 72304          | 115936        | 6.08%           | 0.971%        |
| 28        | 11.748      | 3218          | 3237        | 3245         | rBV      | 26046          | 42571         | 2.23%           | 0.357%        |
| 29        | 11.816      | 3245          | 3258        | 3272         | rBV      | 694290         | 1104717       | 57.90%          | 9.254%        |
| 30        | 11.899      | 3272          | 3284        | 3309         | rVB      | 287347         | 454555        | 23.82%          | 3.808%        |
| 31        | 12.012      | 3309          | 3319        | 3329         | rVB      | 27640          | 42193         | 2.21%           | 0.353%        |
| 32        | 12.099      | 3333          | 3346        | 3364         | rBV2     | 248388         | 422969        | 22.17%          | 3.543%        |
| 33        | 12.192      | 3364          | 3375        | 3378         | rBV3     | 45254          | 72251         | 3.79%           | 0.605%        |
| 34        | 12.304      | 3399          | 3410        | 3425         | rBV3     | 27222          | 42546         | 2.23%           | 0.356%        |
| 35        | 12.468      | 3450          | 3461        | 3466         | rBV      | 51692          | 79841         | 4.18%           | 0.669%        |
| 36        | 12.500      | 3466          | 3471        | 3480         | rVV      | 48991          | 70907         | 3.72%           | 0.594%        |

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ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

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\82U092821W.M

Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 12.574 | 3482 | 3494 | 3501 | rVV  | 111319 | 171680 | 9.00%  | 1.438% |
| 38 | 12.616 | 3501 | 3507 | 3518 | rVV2 | 39297  | 63505  | 3.33%  | 0.532% |
| 39 | 12.687 | 3518 | 3529 | 3548 | rVV3 | 91787  | 205912 | 10.79% | 1.725% |
| 40 | 12.873 | 3577 | 3587 | 3600 | rVB2 | 30907  | 59002  | 3.09%  | 0.494% |
| 41 | 12.976 | 3600 | 3619 | 3627 | rBV  | 40962  | 74314  | 3.90%  | 0.622% |
| 42 | 13.031 | 3627 | 3636 | 3651 | rVB2 | 56016  | 87508  | 4.59%  | 0.733% |
| 43 | 13.115 | 3651 | 3662 | 3677 | rBV4 | 11472  | 19859  | 1.04%  | 0.166% |
| 44 | 13.455 | 3758 | 3768 | 3784 | rVB3 | 73122  | 129325 | 6.78%  | 1.083% |
| 45 | 13.629 | 3808 | 3822 | 3832 | rVB  | 31142  | 49315  | 2.58%  | 0.413% |

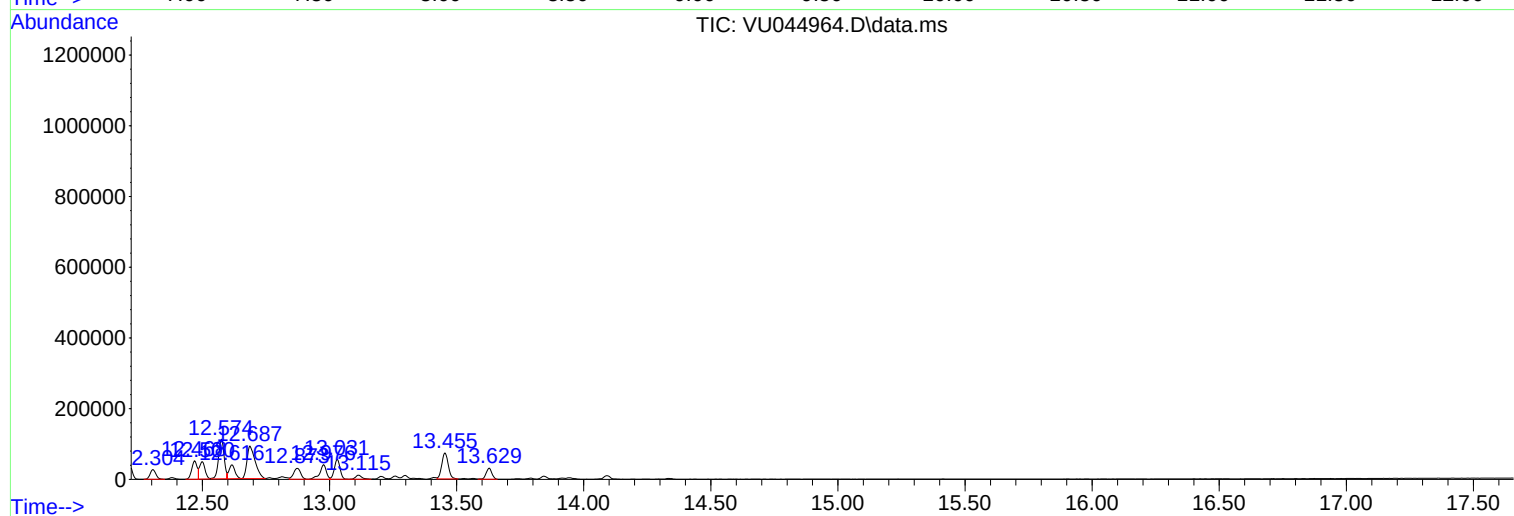
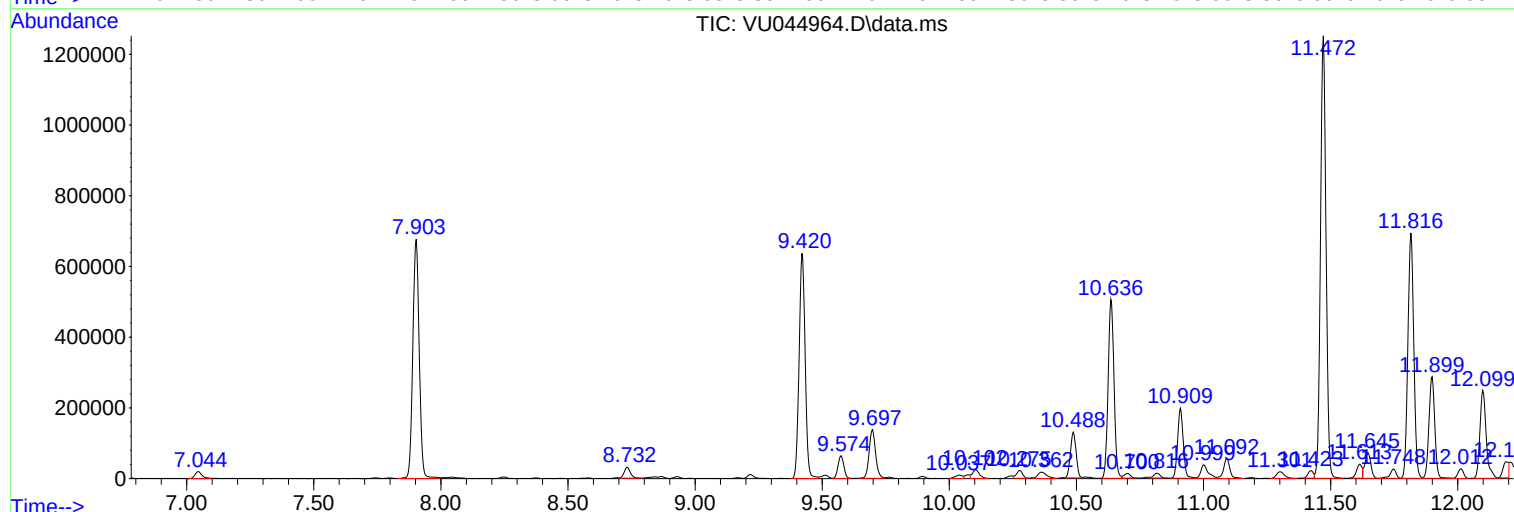
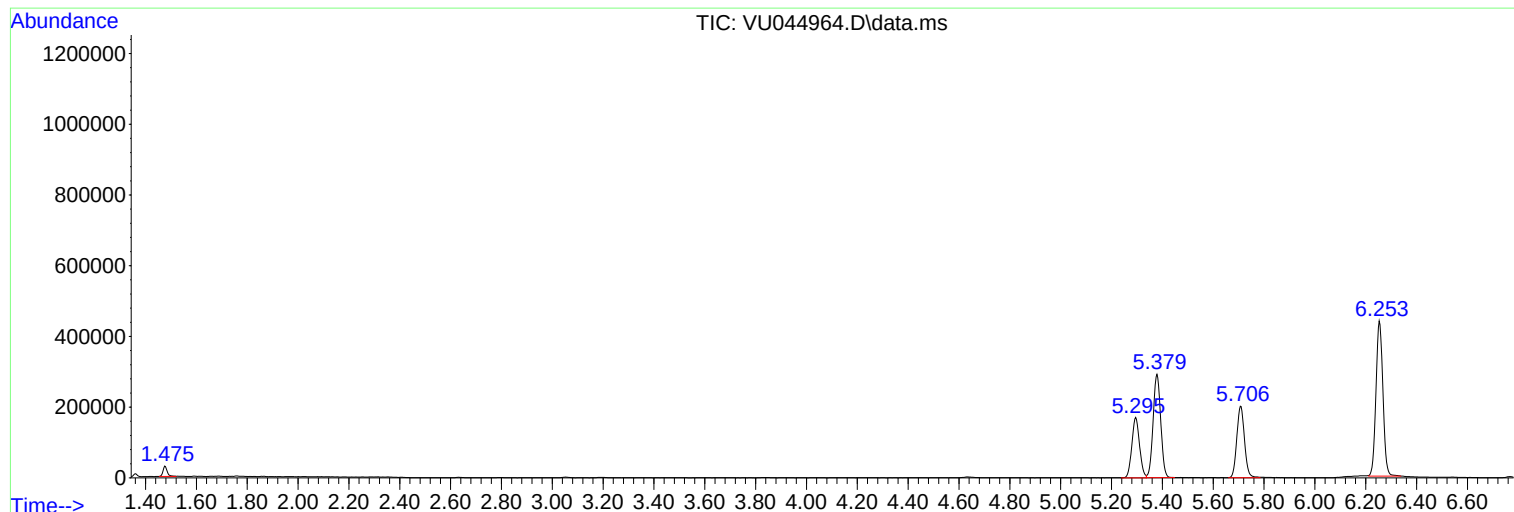
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Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
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Sample : M3926-03DL 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

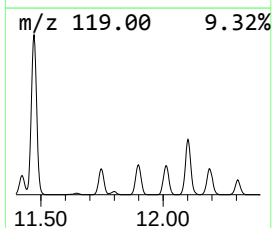
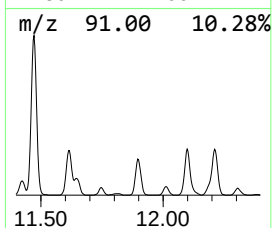
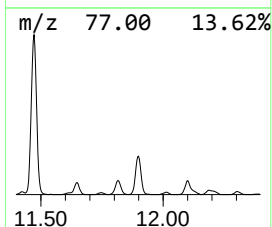
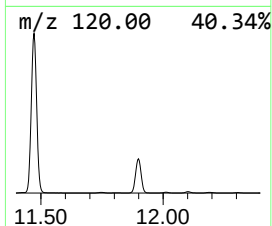
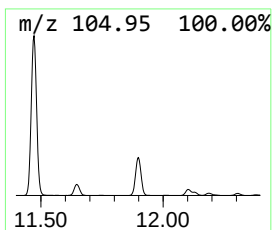
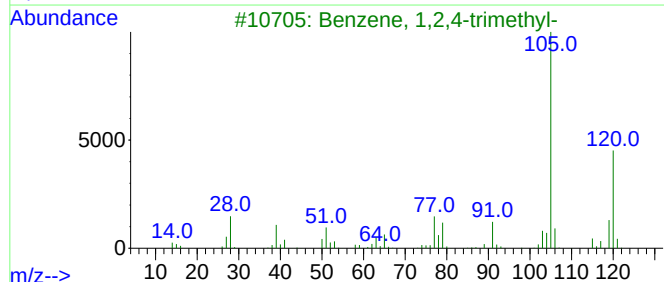
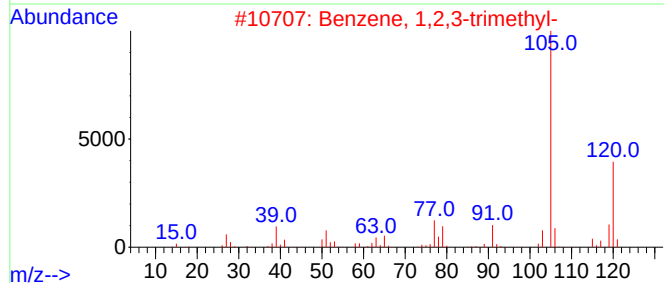
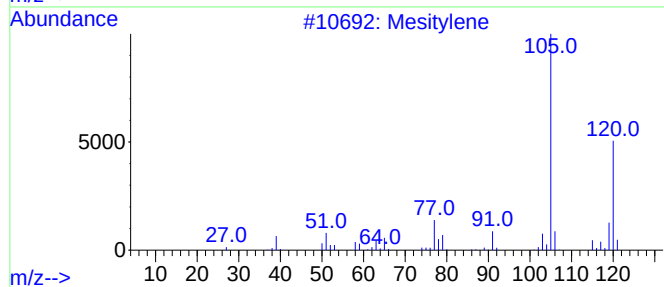
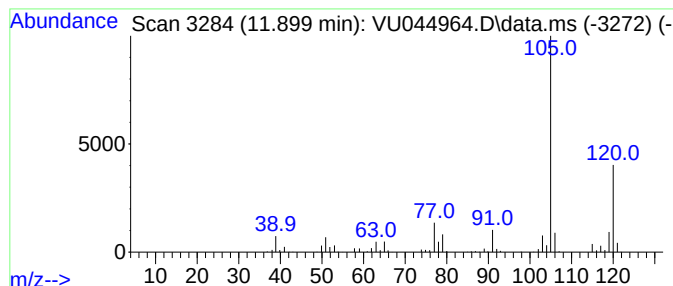
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.899 | 20.57 ug/l | 454555 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



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ALS Vial : 39 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

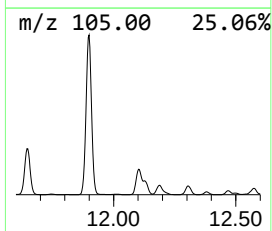
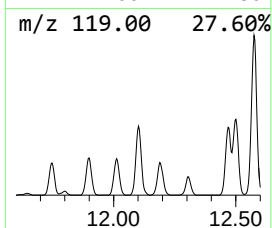
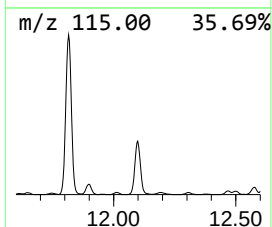
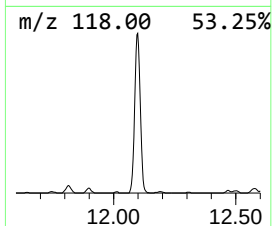
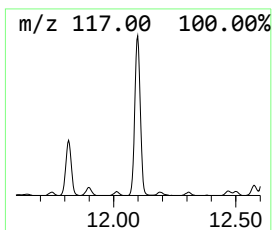
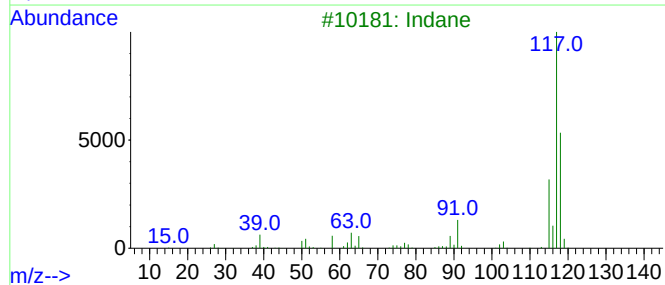
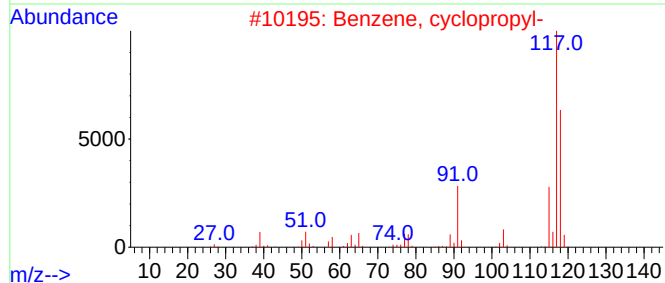
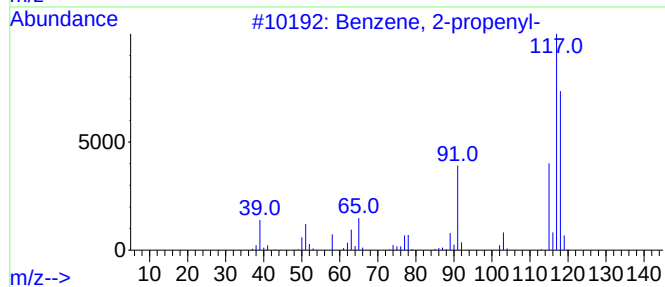
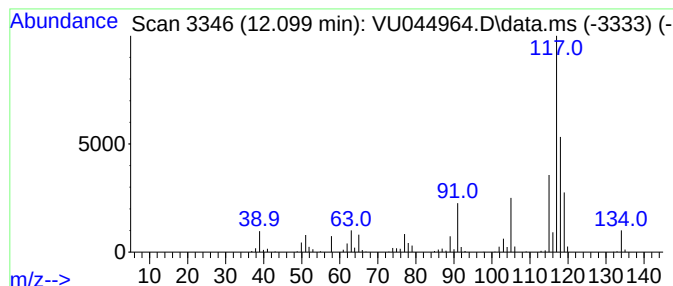
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 2-propenyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.099 | 19.14 ug/l | 422969 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 70   |
| 2    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 64   |
| 3    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 64   |
| 4    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 58   |
| 5    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 50   |



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Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

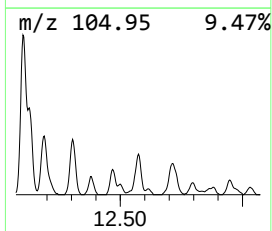
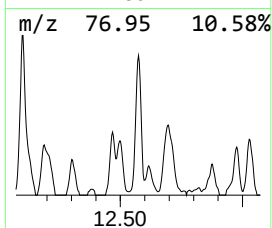
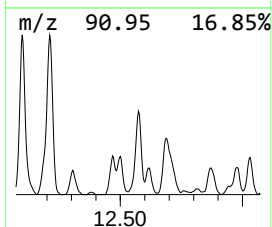
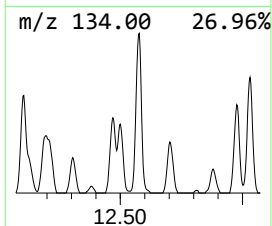
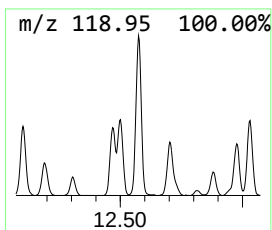
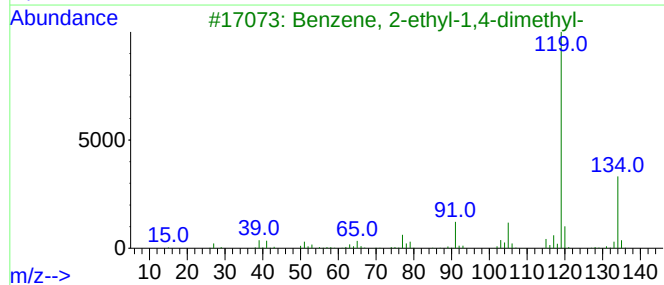
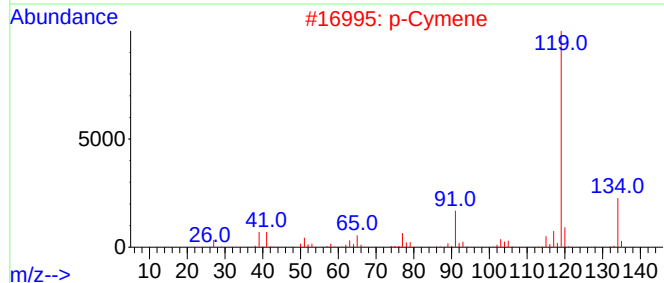
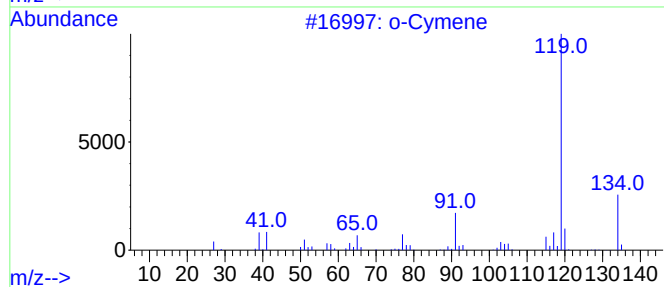
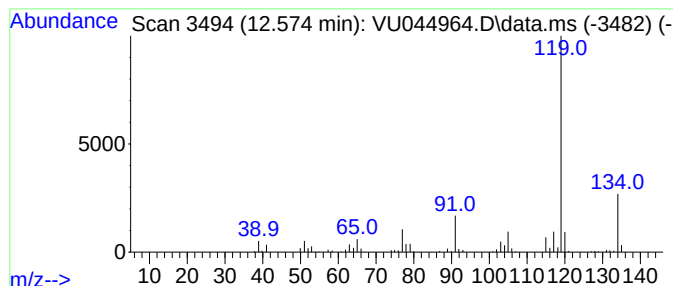
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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

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Peak Number 3 o-Cymene Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.574 | 7.77 ug/l | 171680 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 94   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 93   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 93   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 93   |



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ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

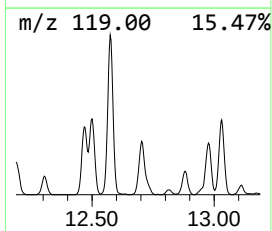
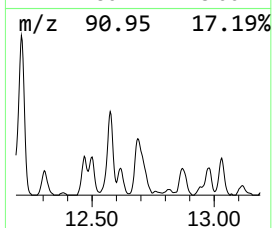
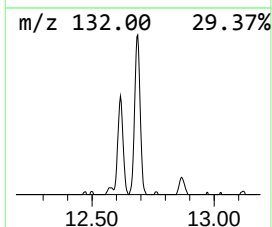
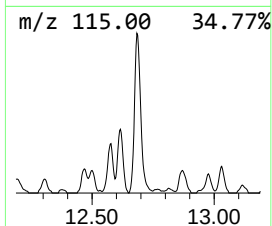
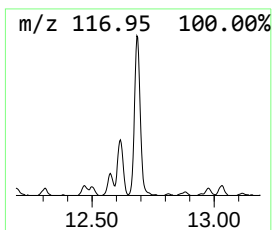
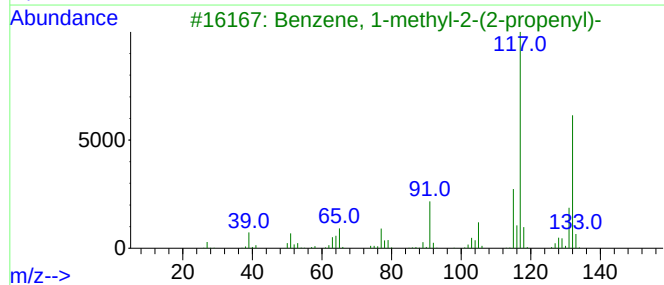
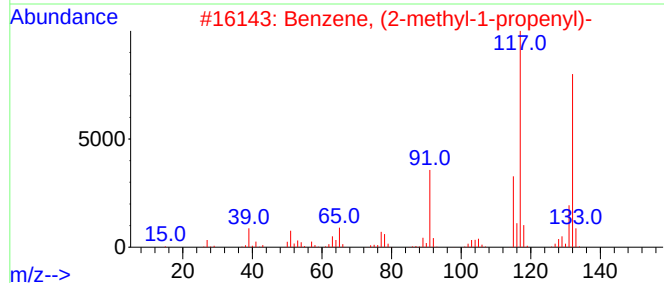
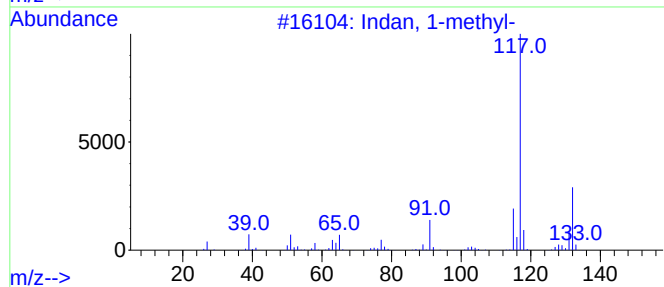
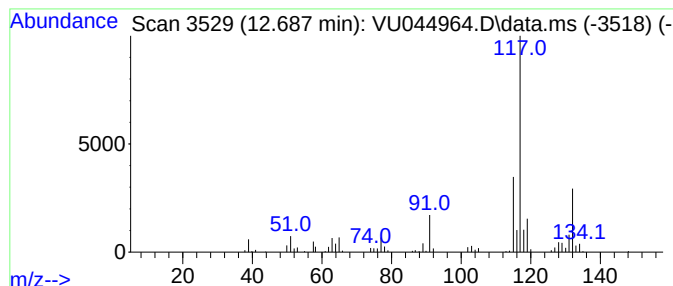
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Indan, 1-methyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.687 | 9.32 ug/l | 205912 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 93   |
| 2    |    |   | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 86   |
| 3    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 83   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 83   |
| 5    |    |   | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
Data File : VU044964.D  
Acq On : 29 Sep 2021 00:58  
Operator : SY/MD  
Sample : M3926-03DL 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

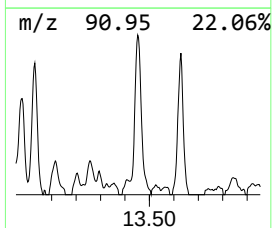
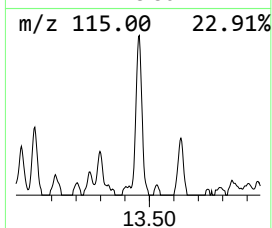
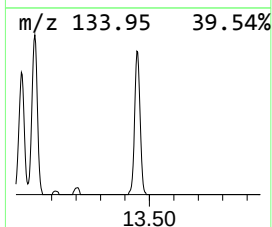
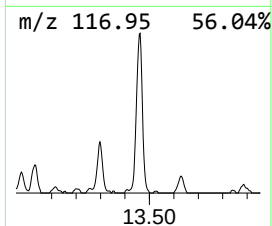
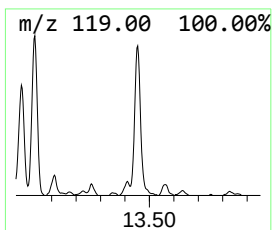
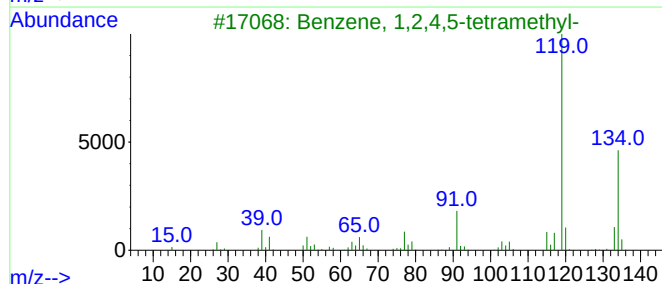
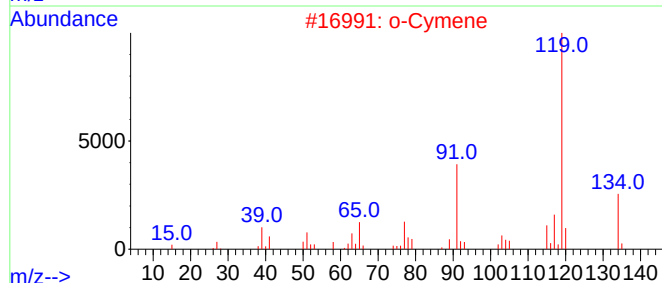
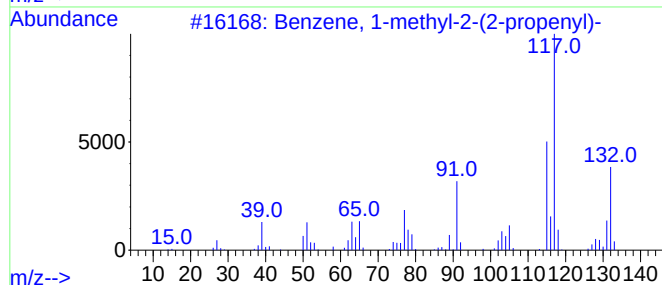
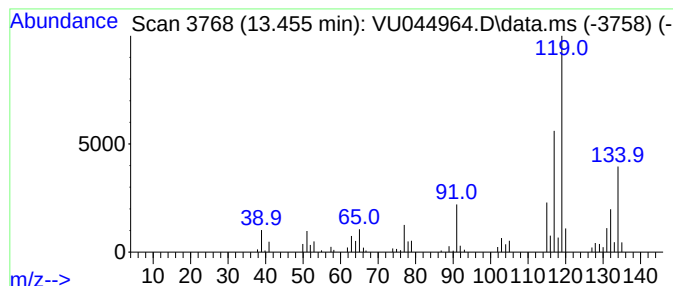
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.455 | 5.85 ug/l | 129325 | 1,4-Dichlorobenzene-d4 | 11.816 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 80   |
| 2    |    |   | o-Cymene                          | 134 | C10H14  | 000527-84-4 | 64   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-     | 134 | C10H14  | 000095-93-2 | 60   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl-    | 134 | C10H14  | 002870-04-4 | 60   |
| 5    |    |   | p-Cymene                          | 134 | C10H14  | 000099-87-6 | 60   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
Data File : VU044964.D  
Acq On : 29 Sep 2021 00:58  
Operator : SY/MD  
Sample : M3926-03DL 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EP-1-MW-3R-0921DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, 1,2,4-... | 11.899 | 20.6    | ug/l  | 454555   | 4                     | 11.816 | 1104720 | 50.0 |
| Benzene, 2-prop... | 12.099 | 19.1    | ug/l  | 422969   | 4                     | 11.816 | 1104720 | 50.0 |
| o-Cymene           | 12.574 | 7.8     | ug/l  | 171680   | 4                     | 11.816 | 1104720 | 50.0 |
| Indan, 1-methyl-   | 12.687 | 9.3     | ug/l  | 205912   | 4                     | 11.816 | 1104720 | 50.0 |
| Benzene, 1-meth... | 13.455 | 5.8     | ug/l  | 129325   | 4                     | 11.816 | 1104720 | 50.0 |