

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
 Data File : VU048698.D  
 Acq On : 27 May 2022 17:02  
 Operator : SY/MD  
 Sample : N3056-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-02

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\82U052622W.M  
 Title : SW846 8260

Signal : TIC: VU048698.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         | 1.996       | 193           | 204         | 223          | rVB      | 1066534        | 1454920       | 3.79%           | 0.577%        |
| 2         | 3.044       | 512           | 530         | 535          | rBV      | 420293         | 846639        | 2.21%           | 0.336%        |
| 3         | 3.083       | 536           | 542         | 553          | rVV      | 579448         | 1165395       | 3.04%           | 0.462%        |
| 4         | 3.141       | 553           | 560         | 597          | rVB3     | 189971         | 436216        | 1.14%           | 0.173%        |
| 5         | 3.362       | 609           | 629         | 650          | rBV2     | 1148534        | 2544196       | 6.63%           | 1.010%        |
| 6         | 4.533       | 977           | 993         | 1008         | rBV2     | 432101         | 1040724       | 2.71%           | 0.413%        |
| 7         | 5.292       | 1210          | 1229        | 1242         | rBV      | 243535         | 543879        | 1.42%           | 0.216%        |
| 8         | 5.378       | 1242          | 1256        | 1271         | rVV5     | 605609         | 1495450       | 3.89%           | 0.593%        |
| 9         | 5.462       | 1271          | 1282        | 1305         | rVB4     | 339272         | 880799        | 2.29%           | 0.350%        |
| 10        | 5.594       | 1307          | 1323        | 1334         | rBV      | 289710         | 646371        | 1.68%           | 0.257%        |
| 11        | 5.777       | 1366          | 1380        | 1393         | rBV      | 2661622        | 5284231       | 13.76%          | 2.097%        |
| 12        | 5.851       | 1393          | 1403        | 1411         | rBV2     | 328417         | 622713        | 1.62%           | 0.247%        |
| 13        | 5.928       | 1412          | 1427        | 1441         | rVV7     | 389620         | 1200105       | 3.13%           | 0.476%        |
| 14        | 6.250       | 1513          | 1527        | 1534         | rBV      | 450002         | 850201        | 2.21%           | 0.337%        |
| 15        | 6.298       | 1535          | 1542        | 1564         | rVB3     | 376420         | 1039794       | 2.71%           | 0.413%        |
| 16        | 6.565       | 1612          | 1625        | 1643         | rVB4     | 228709         | 609026        | 1.59%           | 0.242%        |
| 17        | 6.745       | 1663          | 1681        | 1683         | rBV3     | 353819         | 628408        | 1.64%           | 0.249%        |
| 18        | 7.394       | 1868          | 1883        | 1894         | rBV3     | 330042         | 777354        | 2.02%           | 0.308%        |
| 19        | 7.758       | 1983          | 1996        | 2013         | rVB5     | 339684         | 726661        | 1.89%           | 0.288%        |
| 20        | 7.899       | 2032          | 2040        | 2052         | rVV      | 681016         | 1172241       | 3.05%           | 0.465%        |
| 21        | 8.410       | 2192          | 2199        | 2214         | rVB      | 300981         | 501878        | 1.31%           | 0.199%        |
| 22        | 9.417       | 2502          | 2512        | 2530         | rBV      | 654994         | 1268508       | 3.30%           | 0.503%        |
| 23        | 9.574       | 2548          | 2561        | 2583         | rVB      | 15648558       | 25415139      | 66.19%          | 10.086%       |
| 24        | 9.697       | 2586          | 2599        | 2616         | rVV      | 12306975       | 19881766      | 51.78%          | 7.890%        |
| 25        | 10.102      | 2712          | 2725        | 2753         | rVB      | 983427         | 1680414       | 4.38%           | 0.667%        |
| 26        | 10.484      | 2832          | 2844        | 2857         | rBV      | 1359144        | 2121881       | 5.53%           | 0.842%        |
| 27        | 10.632      | 2880          | 2890        | 2903         | rBV      | 619867         | 1012688       | 2.64%           | 0.402%        |
| 28        | 10.906      | 2964          | 2975        | 2990         | rBV      | 2770896        | 4263099       | 11.10%          | 1.692%        |
| 29        | 11.024      | 3007          | 3012        | 3022         | rVB      | 2553118        | 3676780       | 9.58%           | 1.459%        |
| 30        | 11.089      | 3022          | 3032        | 3046         | rVB      | 3592731        | 5501152       | 14.33%          | 2.183%        |
| 31        | 11.291      | 3082          | 3095        | 3122         | rBV      | 6242826        | 10041055      | 26.15%          | 3.985%        |
| 32        | 11.471      | 3138          | 3151        | 3165         | rVB      | 24413738       | 38395889      | 100.00%         | 15.237%       |
| 33        | 11.812      | 3244          | 3257        | 3267         | rBV2     | 835666         | 1444660       | 3.76%           | 0.573%        |
| 34        | 11.896      | 3267          | 3283        | 3295         | rVV      | 7958454        | 12346361      | 32.16%          | 4.900%        |
| 35        | 12.098      | 3331          | 3346        | 3363         | rBV      | 13955307       | 22719041      | 59.17%          | 9.016%        |
| 36        | 12.188      | 3363          | 3374        | 3391         | rVB4     | 1438564        | 2757366       | 7.18%           | 1.094%        |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-02

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\82U052622W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 12.311 | 3399 | 3412 | 3423 | rBV2 | 1044127 | 1793823  | 4.67%  | 0.712% |
| 38 | 12.378 | 3423 | 3433 | 3449 | rVB  | 912522  | 1551791  | 4.04%  | 0.616% |
| 39 | 12.465 | 3449 | 3460 | 3466 | rBV  | 1639408 | 2616711  | 6.82%  | 1.038% |
| 40 | 12.497 | 3466 | 3470 | 3481 | rVB  | 1079775 | 1432467  | 3.73%  | 0.568% |
| 41 | 12.571 | 3481 | 3493 | 3501 | rBV  | 3868457 | 5798299  | 15.10% | 2.301% |
| 42 | 12.613 | 3501 | 3506 | 3516 | rVV  | 942872  | 1332545  | 3.47%  | 0.529% |
| 43 | 12.684 | 3516 | 3528 | 3547 | rVV  | 3475752 | 5913408  | 15.40% | 2.347% |
| 44 | 12.877 | 3576 | 3588 | 3599 | rVB2 | 664797  | 1080123  | 2.81%  | 0.429% |
| 45 | 12.973 | 3600 | 3618 | 3626 | rBV  | 2637742 | 4018284  | 10.47% | 1.595% |
| 46 | 13.028 | 3626 | 3635 | 3649 | rVB  | 2722478 | 4109085  | 10.70% | 1.631% |
| 47 | 13.108 | 3651 | 3660 | 3675 | rBV5 | 211014  | 490905   | 1.28%  | 0.195% |
| 48 | 13.295 | 3708 | 3718 | 3733 | rVB  | 2838249 | 4263852  | 11.10% | 1.692% |
| 49 | 13.455 | 3757 | 3768 | 3780 | rVV3 | 5567145 | 9295532  | 24.21% | 3.689% |
| 50 | 13.520 | 3781 | 3788 | 3796 | rVB2 | 494119  | 714117   | 1.86%  | 0.283% |
| 51 | 13.626 | 3810 | 3821 | 3843 | rVB2 | 1108005 | 1822601  | 4.75%  | 0.723% |
| 52 | 13.735 | 3843 | 3855 | 3862 | rBV3 | 254684  | 435584   | 1.13%  | 0.173% |
| 53 | 13.786 | 3862 | 3871 | 3879 | rVV  | 668580  | 1172231  | 3.05%  | 0.465% |
| 54 | 13.838 | 3879 | 3887 | 3902 | rVV5 | 665653  | 1517986  | 3.95%  | 0.602% |
| 55 | 13.912 | 3903 | 3910 | 3914 | rVV  | 314529  | 516629   | 1.35%  | 0.205% |
| 56 | 13.944 | 3914 | 3920 | 3936 | rVB2 | 553546  | 1097852  | 2.86%  | 0.436% |
| 57 | 14.089 | 3949 | 3965 | 3989 | rBV  | 9755706 | 15595660 | 40.62% | 6.189% |
| 58 | 14.208 | 3990 | 4002 | 4015 | rVB  | 731140  | 1208038  | 3.15%  | 0.479% |
| 59 | 14.288 | 4016 | 4027 | 4037 | rBV3 | 228910  | 399822   | 1.04%  | 0.159% |
| 60 | 14.487 | 4077 | 4089 | 4103 | rBV  | 405960  | 661275   | 1.72%  | 0.262% |
| 61 | 14.671 | 4135 | 4146 | 4158 | rBV2 | 311336  | 655727   | 1.71%  | 0.260% |
| 62 | 14.876 | 4202 | 4210 | 4222 | rVB3 | 273384  | 447335   | 1.17%  | 0.178% |
| 63 | 15.220 | 4307 | 4317 | 4344 | rVB  | 1530411 | 2546398  | 6.63%  | 1.011% |
| 64 | 15.410 | 4363 | 4376 | 4390 | rBV  | 1567358 | 2510790  | 6.54%  | 0.996% |

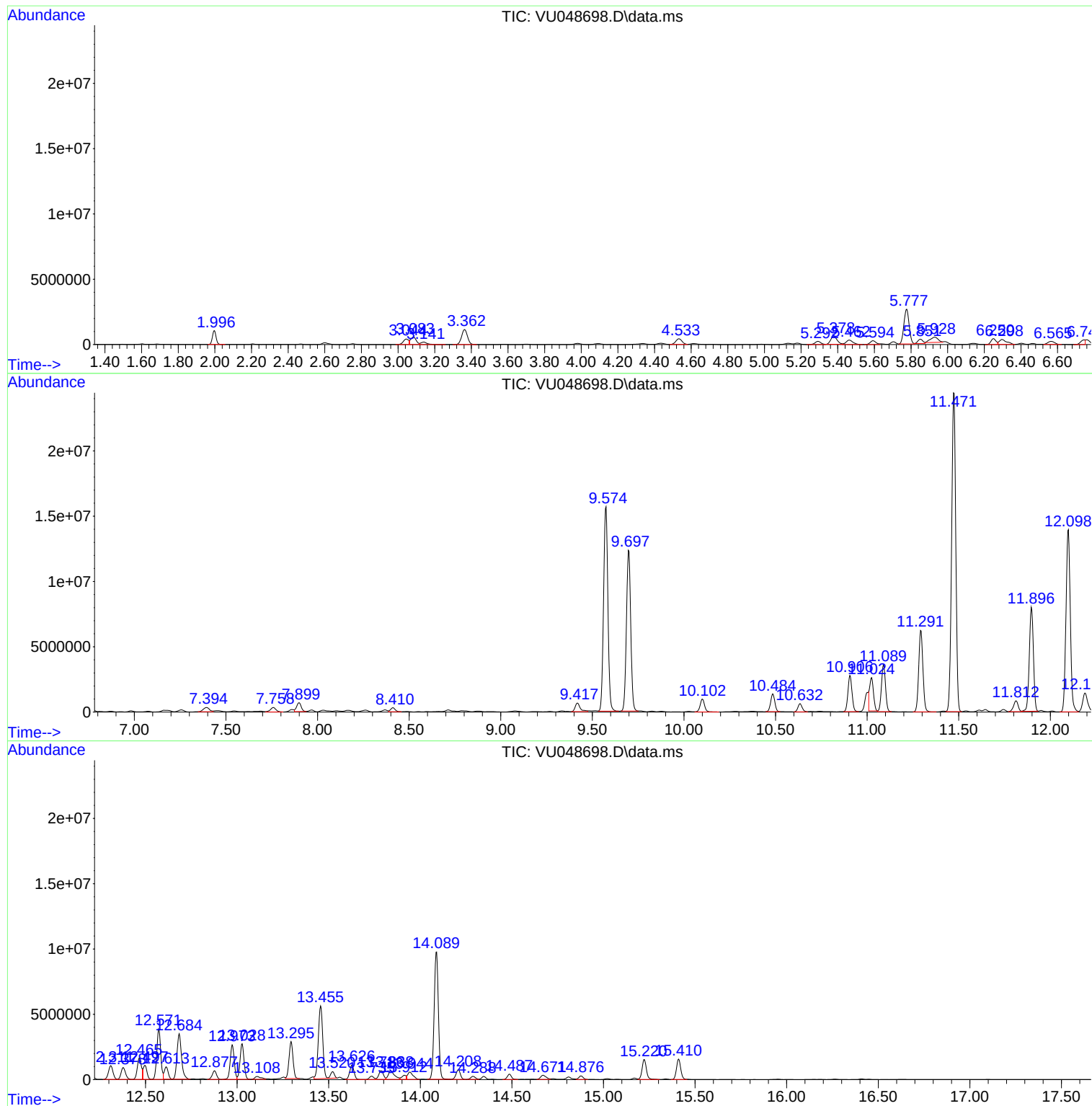
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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



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Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

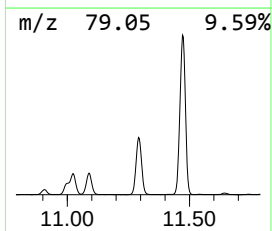
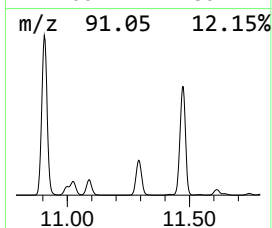
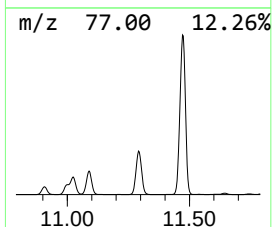
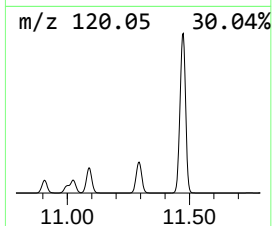
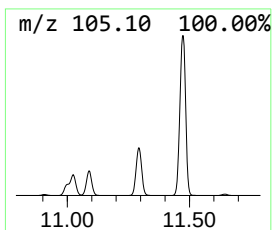
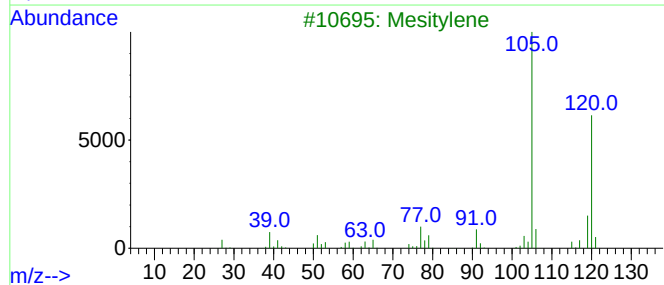
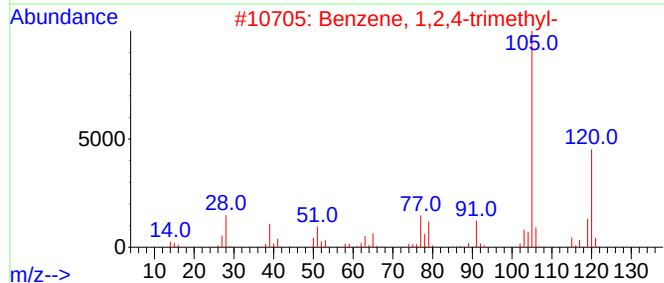
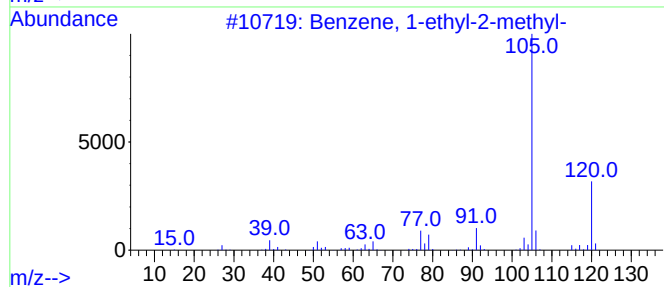
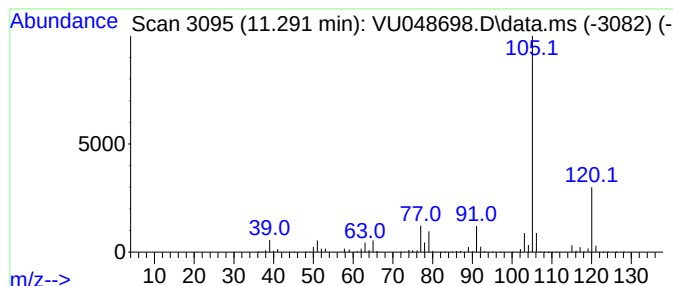
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 11.291 | 347.52 ug/l | 10041100 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

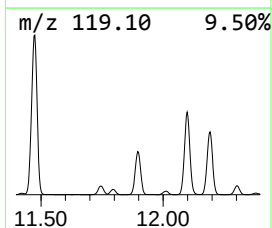
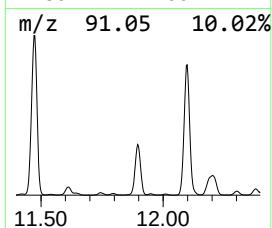
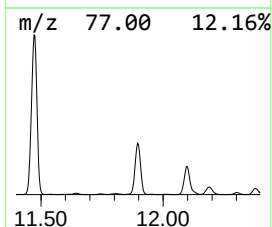
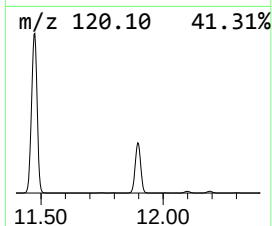
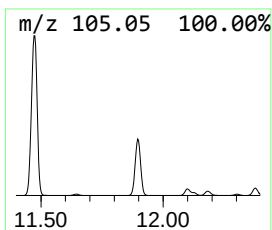
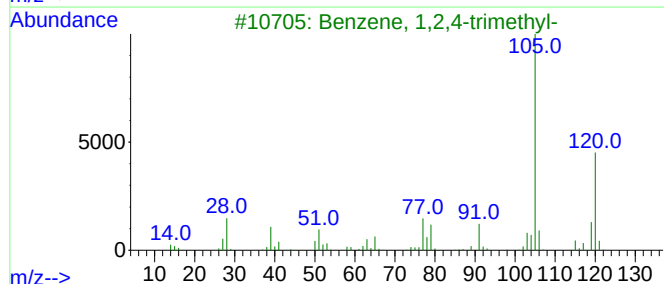
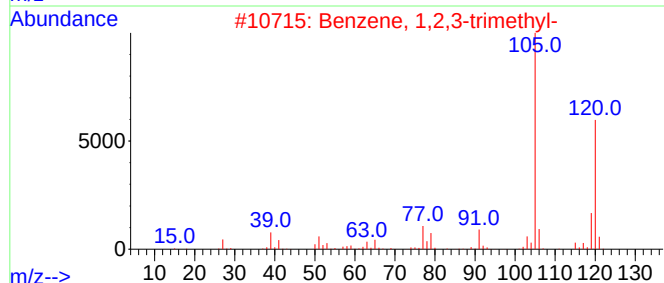
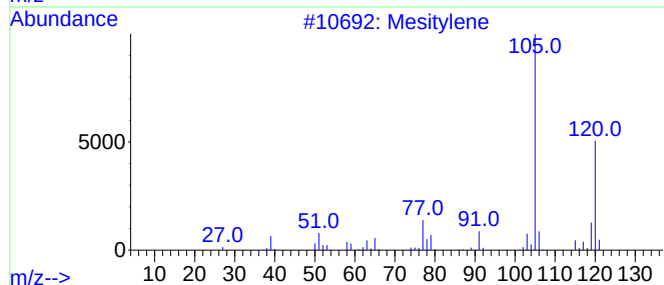
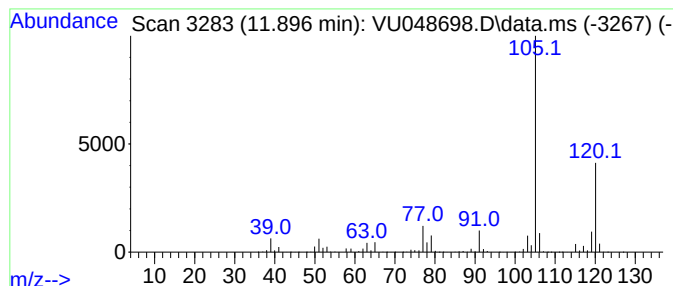
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 11.896 | 427.31 ug/l | 12346400 | 1,4-Dichlorobenzene-d4 | 11.812 |

| 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 | 91   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

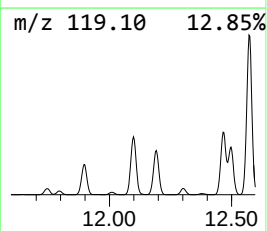
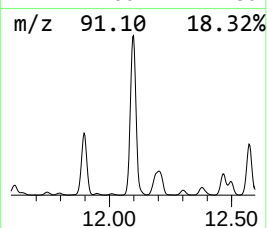
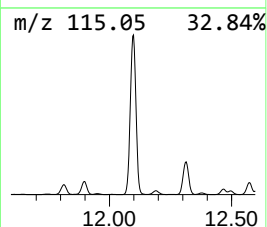
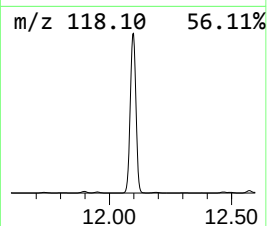
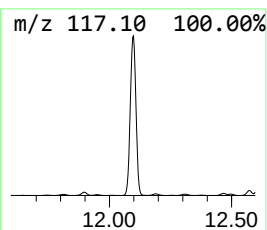
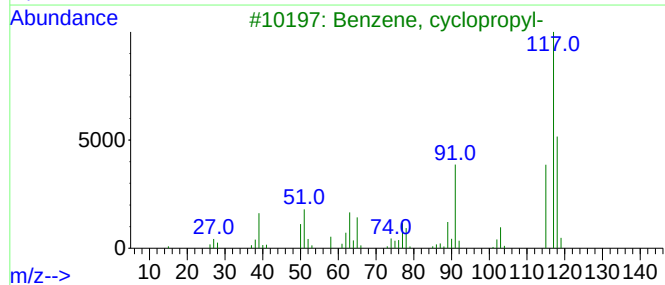
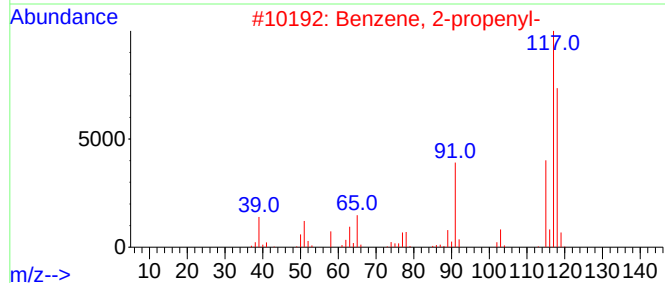
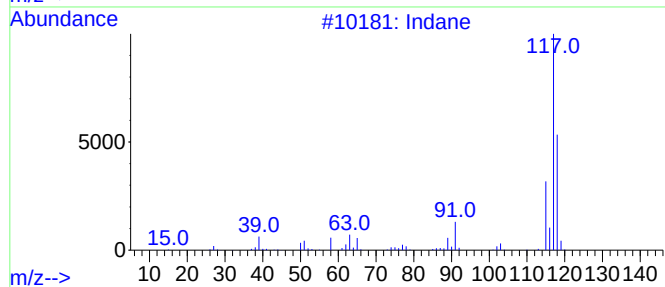
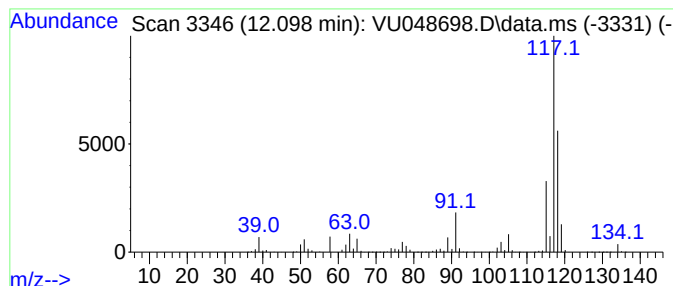
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Indane Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 12.098 | 786.31 ug/l | 22719000 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                | 118 | C9H10   | 000496-11-7 | 81   |
| 2    |    |   | Benzene, 2-propenyl-  | 118 | C9H10   | 000300-57-2 | 81   |
| 3    |    |   | Benzene, cyclopropyl- | 118 | C9H10   | 000873-49-4 | 76   |
| 4    |    |   | Deltacyclene          | 118 | C9H10   | 007785-10-6 | 64   |
| 5    |    |   | (Z)-1-Phenylpropene   | 118 | C9H10   | 000766-90-5 | 49   |



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MSVOA\_U  
ClientSampleId :  
MW-02

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Quant Title : SW846 8260

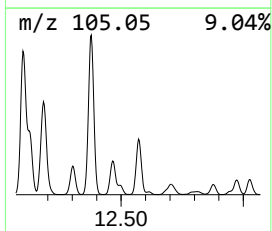
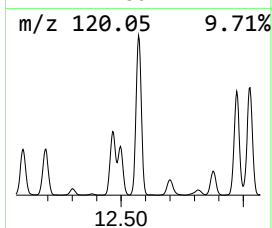
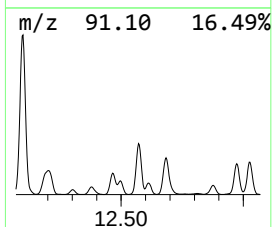
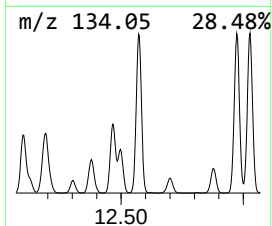
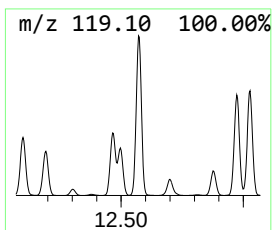
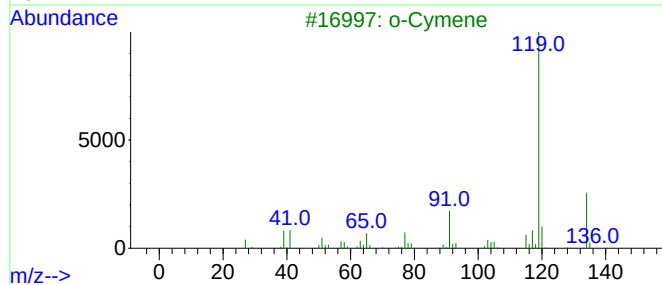
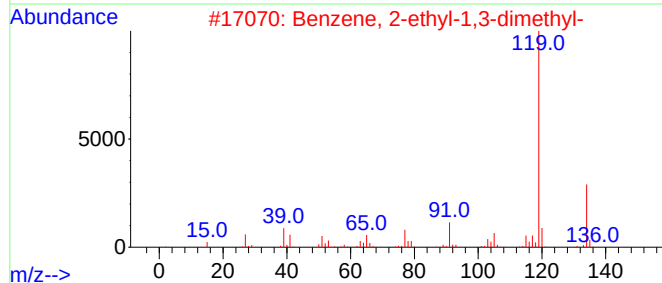
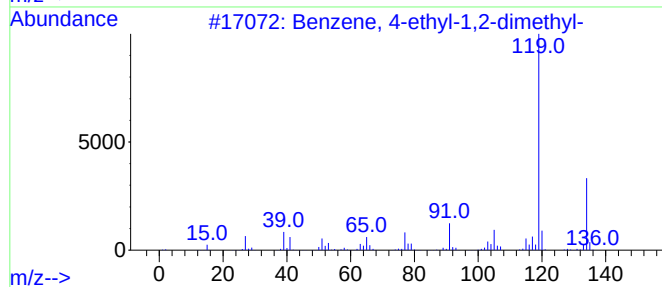
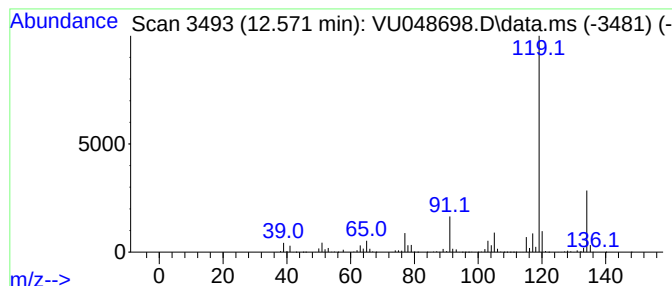
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.571 | 200.68 ug/l | 5798300 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

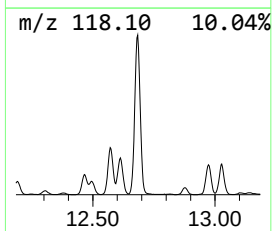
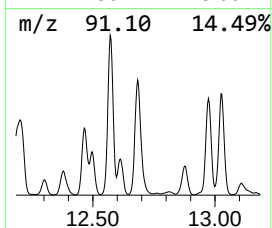
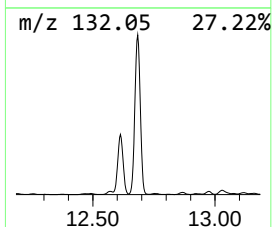
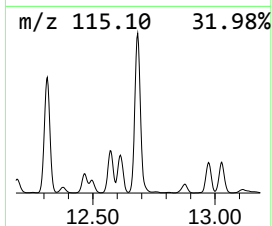
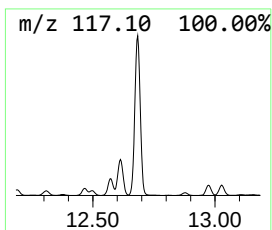
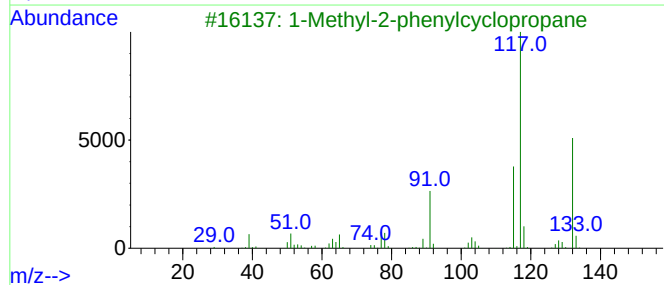
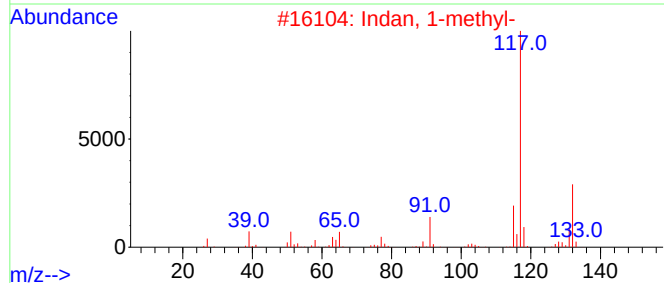
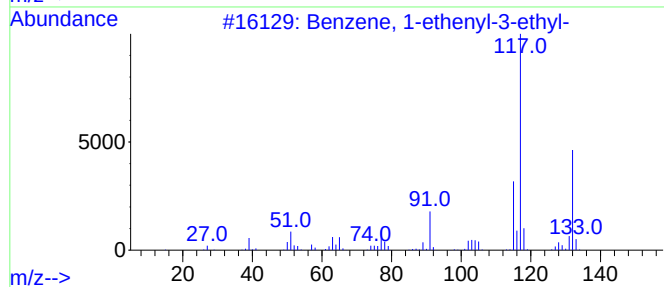
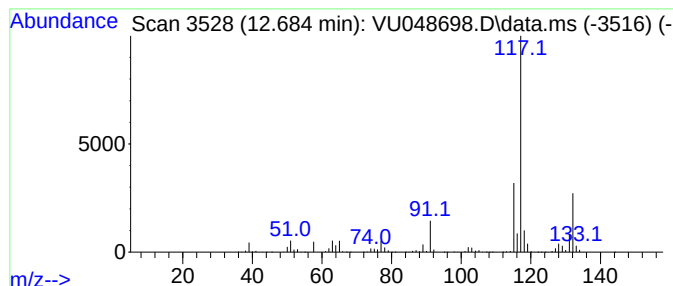
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Quant Title : SW846 8260

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

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Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.684 | 204.66 ug/l | 5913410 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl-         | 132 | C10H12  | 007525-62-4 | 90   |
| 2    |    |   | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 87   |
| 3    |    |   | 1-Methyl-2-phenylcyclopropane       | 132 | C10H12  | 003145-76-4 | 87   |
| 4    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 83   |
| 5    |    |   | Benzene, (2-methyl-2-propenyl)-     | 132 | C10H12  | 003290-53-7 | 83   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

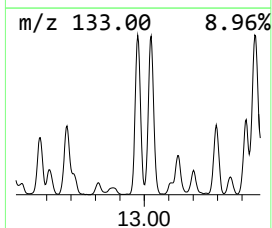
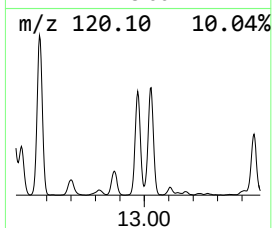
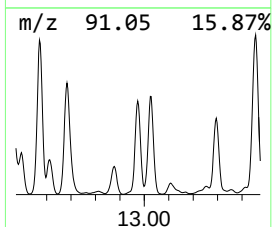
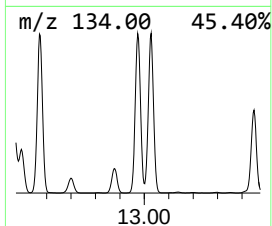
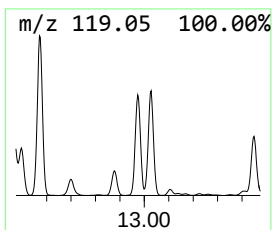
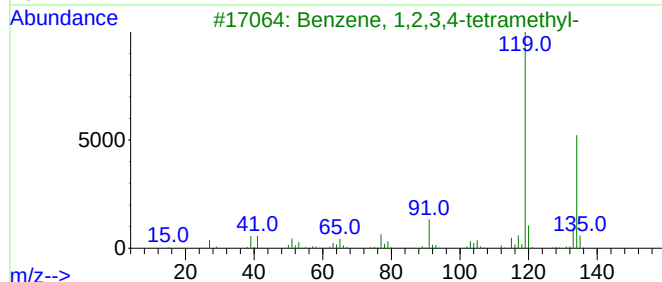
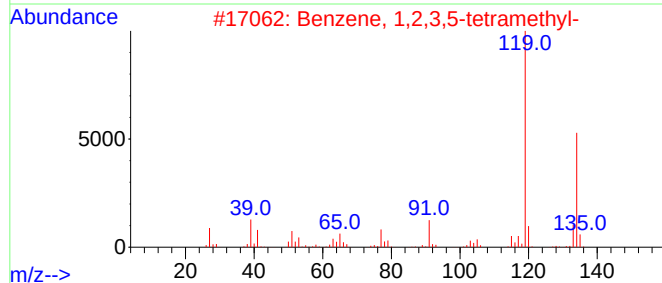
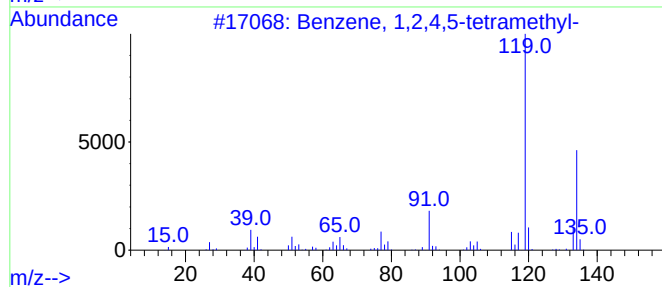
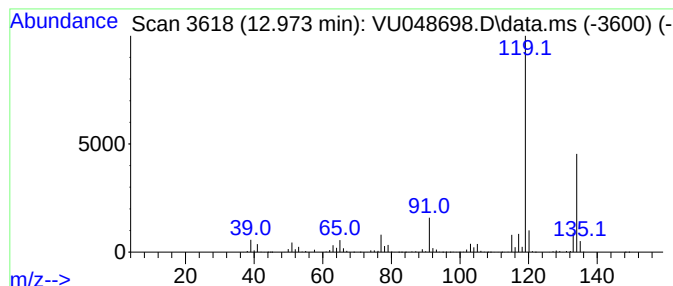
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Quant Title : SW846 8260

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

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Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.973 | 139.07 ug/l | 4018280 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 3    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

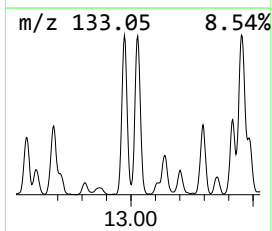
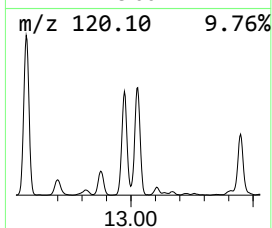
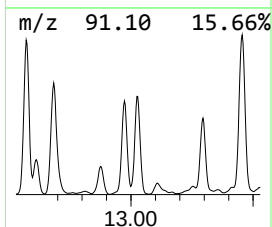
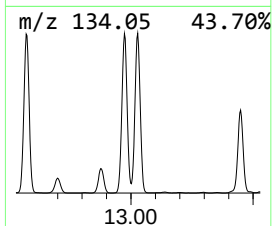
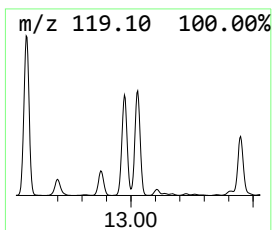
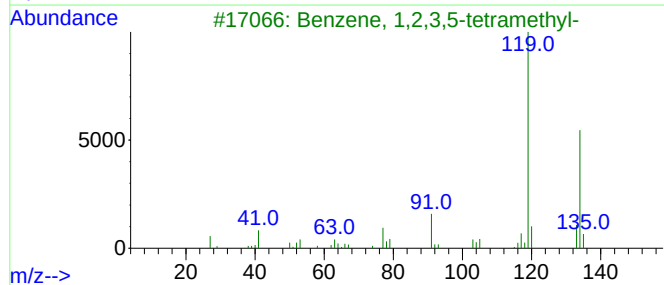
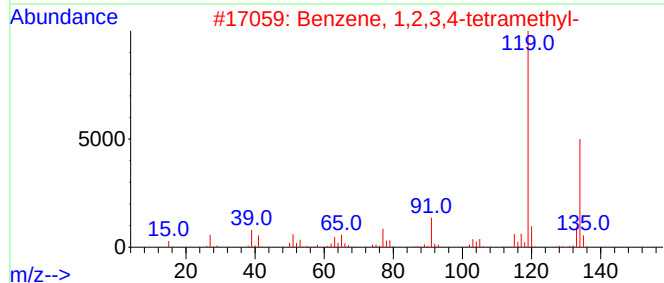
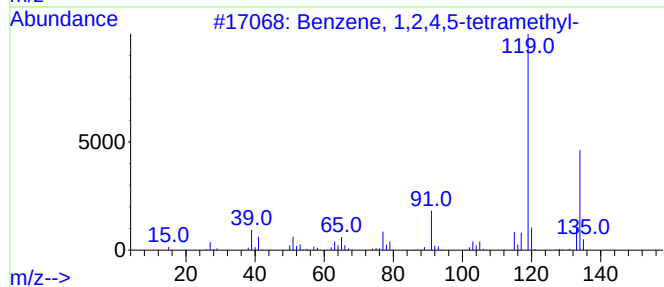
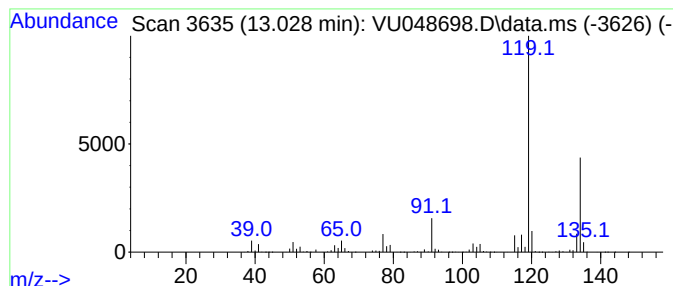
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Quant Title : SW846 8260

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

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Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.028 | 142.22 ug/l | 4109090 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 96   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

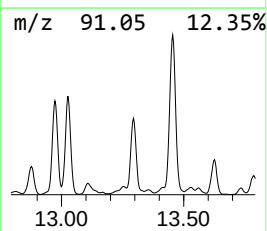
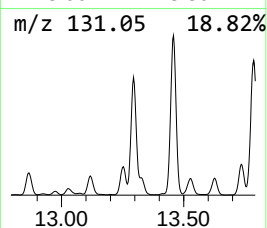
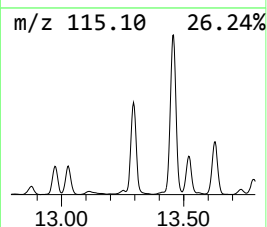
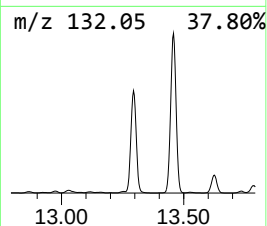
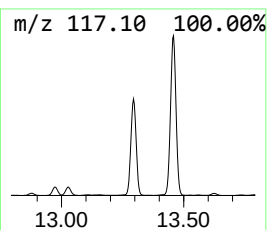
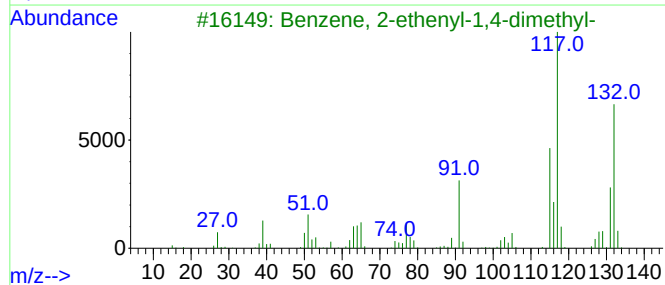
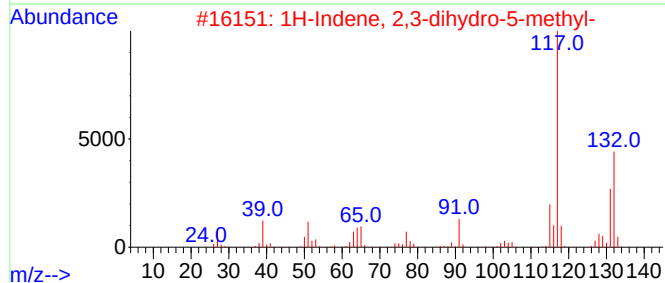
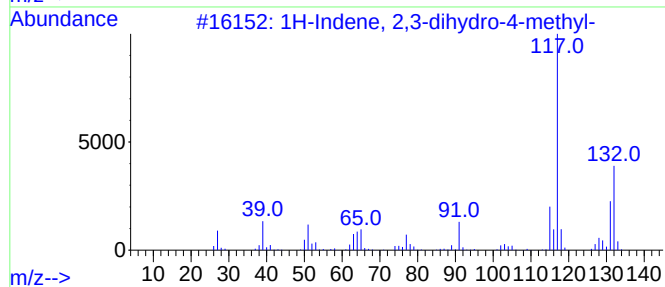
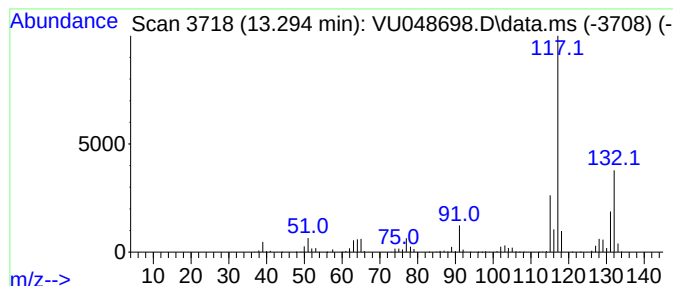
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.294 | 147.57 ug/l | 4263850 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 95   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 93   |
| 3    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 91   |
| 4    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 90   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

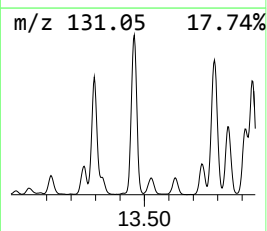
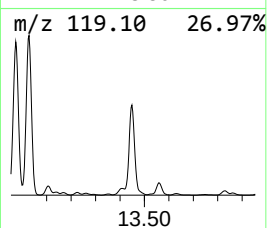
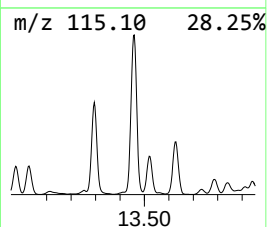
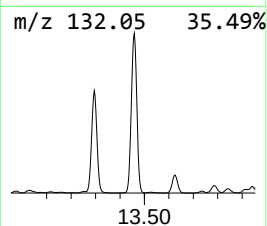
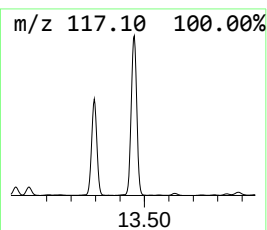
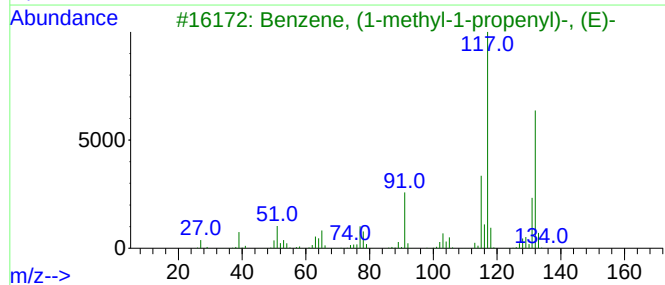
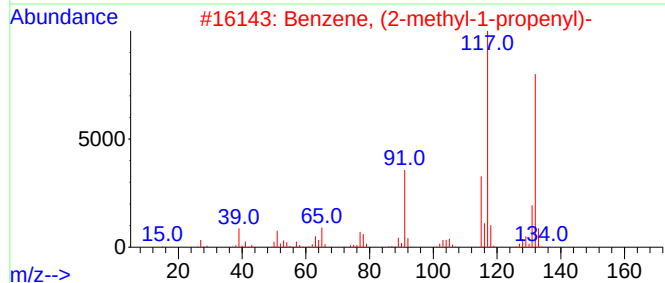
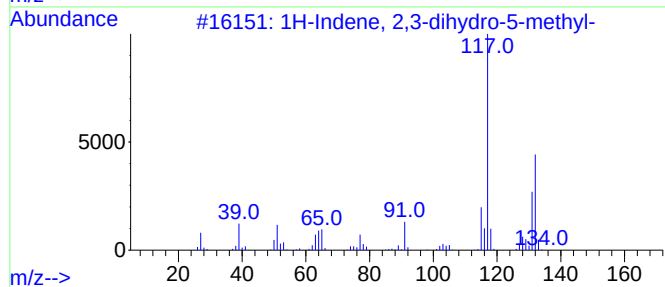
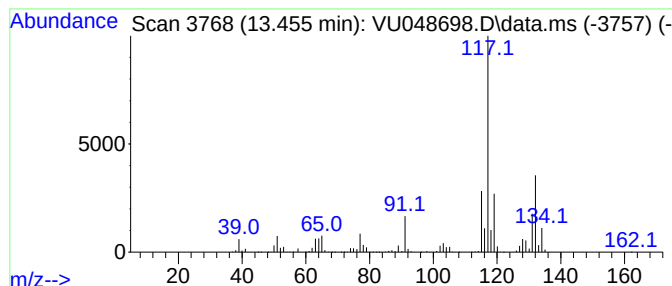
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.455 | 321.72 ug/l | 9295530 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 87   |
| 2    |      | Benzene, (2-methyl-1-propenyl)-     | 132 | C10H12  | 000768-49-0 | 81   |
| 3    |      | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 81   |
| 4    |      | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 81   |
| 5    |      | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

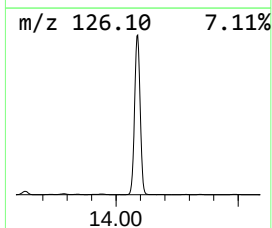
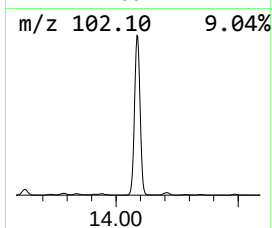
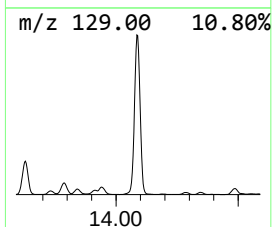
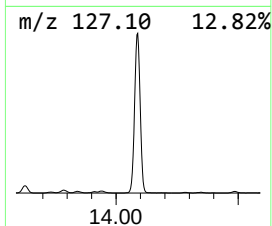
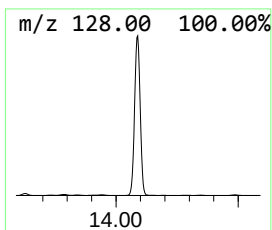
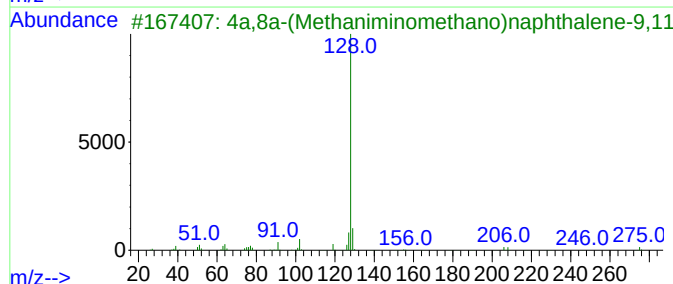
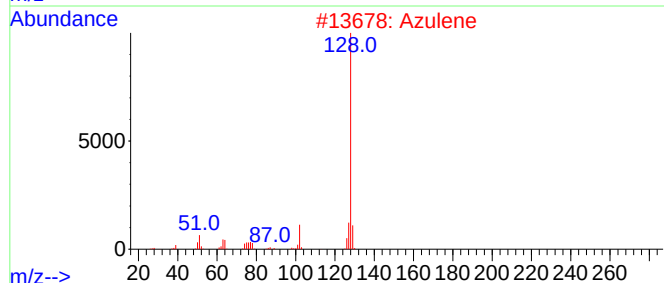
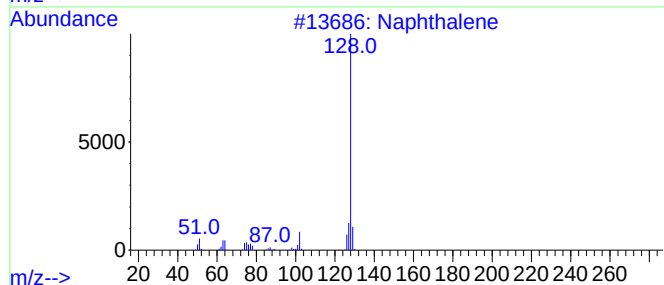
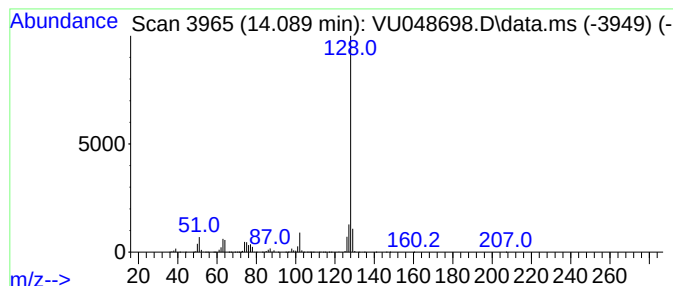
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Azulene Concentration Rank 2

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.089 | 539.77 ug/l | 15595700 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Naphthalene                         | 128 | C10H8     | 000091-20-3 | 95   |
| 2    |    |   | Azulene                             | 128 | C10H8     | 000275-51-4 | 94   |
| 3    |    |   | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 78   |
| 4    |    |   | [4.2.2]Propella-2,4,7,9-tetraene    | 128 | C10H8     | 088090-34-0 | 50   |
| 5    |    |   | 1,3-Dicyanobenzene                  | 128 | C8H4N2    | 000626-17-5 | 42   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
Data File : VU048698.D  
Acq On : 27 May 2022 17:02  
Operator : SY/MD  
Sample : N3056-09  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, 1-ethy... | 11.291 | 347.5   | ug/l  | 10041100 | 4                     | 11.812 | 1444660 | 50.0 |
| Benzene, 1,2,3-... | 11.896 | 427.3   | ug/l  | 12346400 | 4                     | 11.812 | 1444660 | 50.0 |
| Indane             | 12.098 | 786.3   | ug/l  | 22719000 | 4                     | 11.812 | 1444660 | 50.0 |
| Benzene, 4-ethy... | 12.571 | 200.7   | ug/l  | 5798300  | 4                     | 11.812 | 1444660 | 50.0 |
| Benzene, 1-ethe... | 12.684 | 204.7   | ug/l  | 5913410  | 4                     | 11.812 | 1444660 | 50.0 |
| Benzene, 1,2,4,... | 12.973 | 139.1   | ug/l  | 4018280  | 4                     | 11.812 | 1444660 | 50.0 |
| Benzene, 1,2,3,... | 13.028 | 142.2   | ug/l  | 4109090  | 4                     | 11.812 | 1444660 | 50.0 |
| 1H-Indene, 2,3-... | 13.294 | 147.6   | ug/l  | 4263850  | 4                     | 11.812 | 1444660 | 50.0 |
| 1H-Indene, 2,3-... | 13.455 | 321.7   | ug/l  | 9295530  | 4                     | 11.812 | 1444660 | 50.0 |
| Azulene            | 14.089 | 539.8   | ug/l  | 15595700 | 4                     | 11.812 | 1444660 | 50.0 |