

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121120\  
 Data File : VN065084.D  
 Acq On : 11 Dec 2020 21:13  
 Operator : JC/MD  
 Sample : L5039-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JBD-WC-L-SB-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\_N\methods\82N121120W.M  
 Title : SW846 8260

Signal : TIC: VN065084.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         | 1.795       | 10            | 17          | 26           | rVB3     | 10943          | 15143         | 1.11%           | 0.158%        |
| 2         | 7.550       | 1786          | 1807        | 1818         | rBV2     | 184286         | 464072        | 33.91%          | 4.840%        |
| 3         | 7.627       | 1819          | 1831        | 1849         | rVB      | 286099         | 681607        | 49.80%          | 7.108%        |
| 4         | 7.987       | 1923          | 1943        | 1964         | rBV2     | 180844         | 433270        | 31.66%          | 4.518%        |
| 5         | 8.550       | 2099          | 2118        | 2135         | rBV      | 457365         | 955069        | 69.79%          | 9.960%        |
| 6         | 10.061      | 2573          | 2588        | 2606         | rBV      | 735454         | 1368572       | 100.00%         | 14.272%       |
| 7         | 11.380      | 2982          | 2998        | 3018         | rBV      | 754311         | 1315106       | 96.09%          | 13.715%       |
| 8         | 12.222      | 3250          | 3260        | 3271         | rBV3     | 41444          | 68085         | 4.97%           | 0.710%        |
| 9         | 12.376      | 3294          | 3308        | 3325         | rBV      | 612433         | 1031250       | 75.35%          | 10.755%       |
| 10        | 12.968      | 3485          | 3492        | 3501         | rVB3     | 19653          | 32014         | 2.34%           | 0.334%        |
| 11        | 13.145      | 3530          | 3547        | 3569         | rBV2     | 112024         | 222565        | 16.26%          | 2.321%        |
| 12        | 13.318      | 3588          | 3601        | 3619         | rBV      | 706370         | 1192745       | 87.15%          | 12.439%       |
| 13        | 13.415      | 3626          | 3631        | 3644         | rVB3     | 10055          | 16216         | 1.18%           | 0.169%        |
| 14        | 13.518      | 3653          | 3663        | 3672         | rBV      | 48760          | 80247         | 5.86%           | 0.837%        |
| 15        | 13.569      | 3672          | 3679        | 3683         | rBV3     | 14765          | 22309         | 1.63%           | 0.233%        |
| 16        | 13.646      | 3692          | 3703        | 3712         | rVB4     | 49928          | 81755         | 5.97%           | 0.853%        |
| 17        | 13.862      | 3759          | 3770        | 3780         | rBV      | 90318          | 150157        | 10.97%          | 1.566%        |
| 18        | 13.920      | 3780          | 3788        | 3795         | rBV2     | 44419          | 66723         | 4.88%           | 0.696%        |
| 19        | 13.968      | 3795          | 3803        | 3812         | rBV      | 148143         | 231127        | 16.89%          | 2.410%        |
| 20        | 14.103      | 3835          | 3845        | 3852         | rBV4     | 27532          | 44039         | 3.22%           | 0.459%        |
| 21        | 14.151      | 3853          | 3860        | 3861         | rVV4     | 20561          | 21448         | 1.57%           | 0.224%        |
| 22        | 14.183      | 3862          | 3870        | 3883         | rVB3     | 79334          | 141239        | 10.32%          | 1.473%        |
| 23        | 14.296      | 3896          | 3905        | 3913         | rBV2     | 33239          | 50164         | 3.67%           | 0.523%        |
| 24        | 14.338      | 3913          | 3918        | 3926         | rVV2     | 10098          | 15224         | 1.11%           | 0.159%        |
| 25        | 14.402      | 3927          | 3938        | 3947         | rVB4     | 32093          | 55830         | 4.08%           | 0.582%        |
| 26        | 14.463      | 3947          | 3957        | 3964         | rBV4     | 28454          | 48768         | 3.56%           | 0.509%        |
| 27        | 14.502      | 3964          | 3969        | 3977         | rVV4     | 17236          | 27000         | 1.97%           | 0.282%        |
| 28        | 14.569      | 3978          | 3990        | 4000         | rVV2     | 110539         | 193266        | 14.12%          | 2.016%        |
| 29        | 14.633      | 4002          | 4010        | 4020         | rVB6     | 14310          | 23365         | 1.71%           | 0.244%        |
| 30        | 14.759      | 4039          | 4049        | 4055         | rBV6     | 10334          | 16526         | 1.21%           | 0.172%        |
| 31        | 14.820      | 4061          | 4068        | 4073         | rBV6     | 14782          | 22273         | 1.63%           | 0.232%        |
| 32        | 14.858      | 4075          | 4080        | 4087         | rVV3     | 21411          | 30974         | 2.26%           | 0.323%        |
| 33        | 14.929      | 4093          | 4102        | 4111         | rVB3     | 41646          | 80132         | 5.86%           | 0.836%        |
| 34        | 14.974      | 4111          | 4116        | 4123         | rVB7     | 15778          | 22244         | 1.63%           | 0.232%        |
| 35        | 15.016      | 4123          | 4129        | 4138         | rVB2     | 10688          | 14320         | 1.05%           | 0.149%        |

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Sample : L5039-01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-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\_N\methods\82N121120W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 36 | 15.067 | 4138 | 4145 | 4152 | rVB6 | 11693 | 18195 | 1.33% | 0.190% |
| 37 | 15.158 | 4163 | 4173 | 4181 | rBV5 | 27642 | 53088 | 3.88% | 0.554% |
| 38 | 15.231 | 4181 | 4196 | 4202 | rBV3 | 34978 | 77867 | 5.69% | 0.812% |
| 39 | 15.450 | 4255 | 4264 | 4277 | rBV8 | 24043 | 48175 | 3.52% | 0.502% |
| 40 | 15.666 | 4322 | 4331 | 4340 | rBV8 | 9149  | 16149 | 1.18% | 0.168% |
| 41 | 15.875 | 4382 | 4396 | 4408 | rBV5 | 36116 | 77568 | 5.67% | 0.809% |
| 42 | 16.305 | 4519 | 4530 | 4545 | rBV4 | 27271 | 63052 | 4.61% | 0.658% |

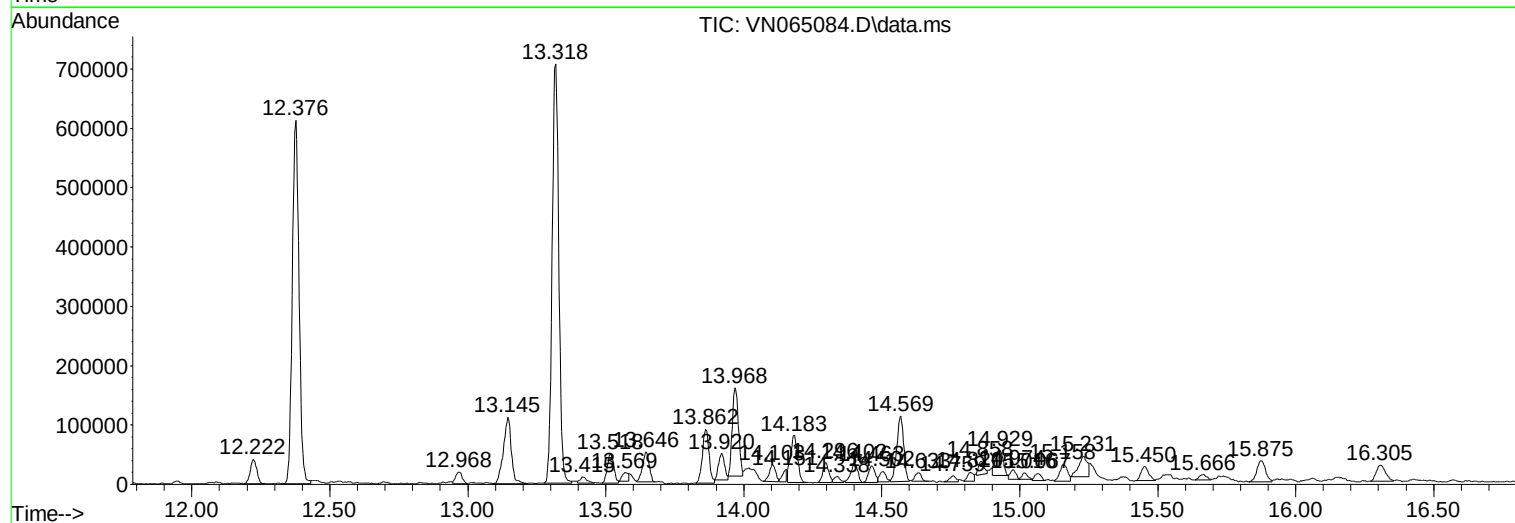
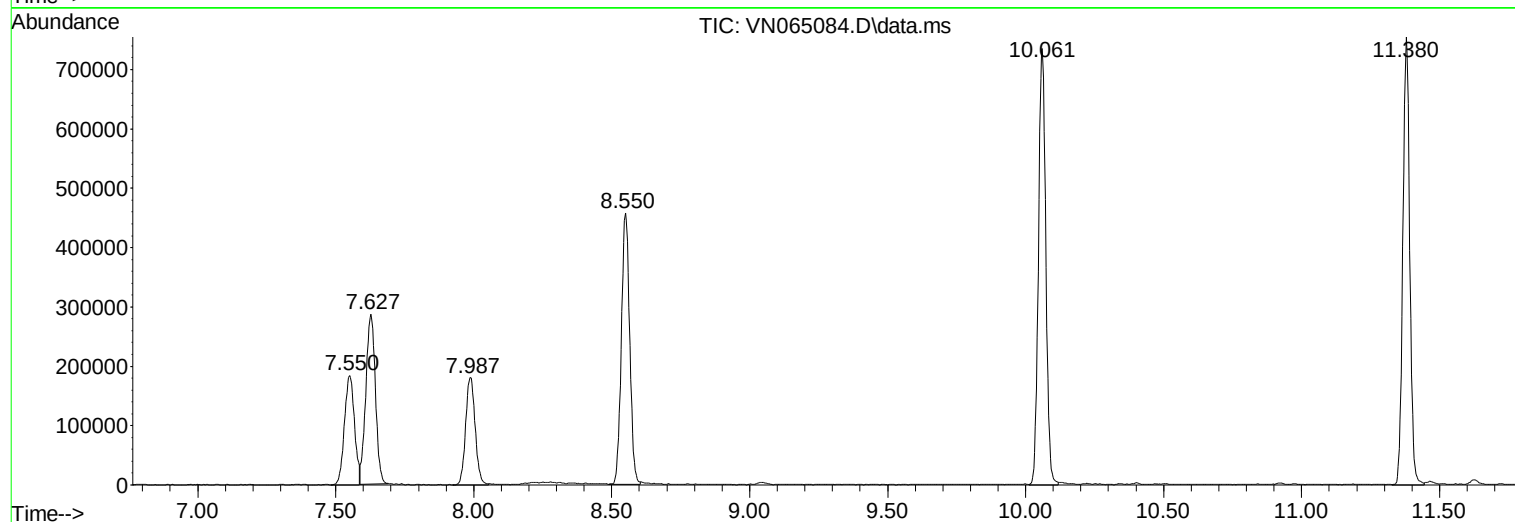
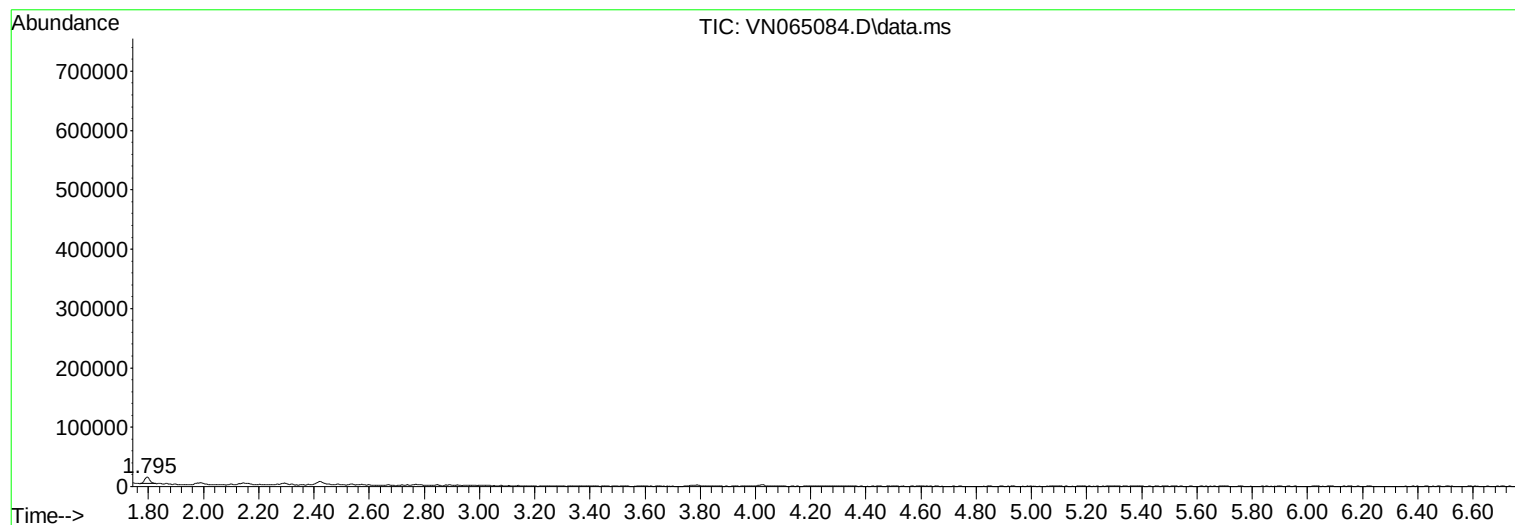
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Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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



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Sample : L5039-01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

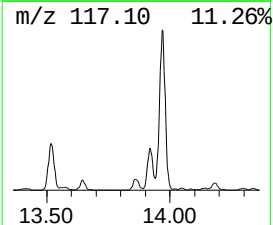
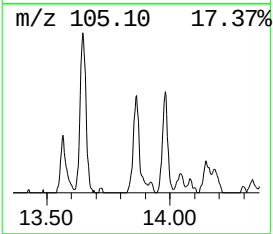
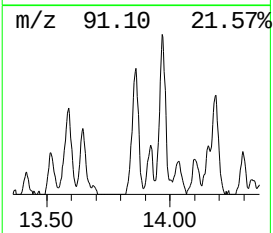
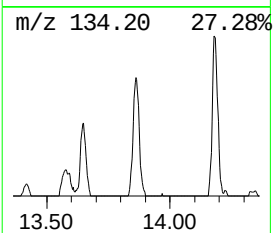
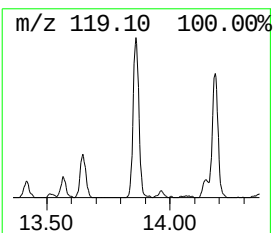
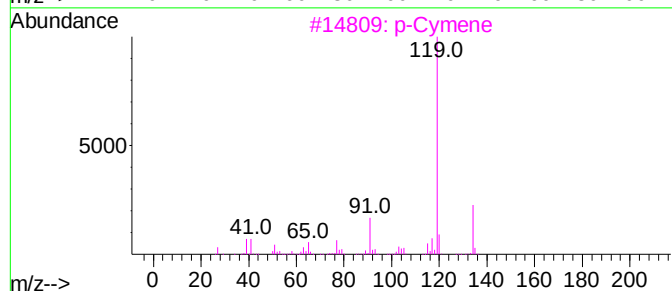
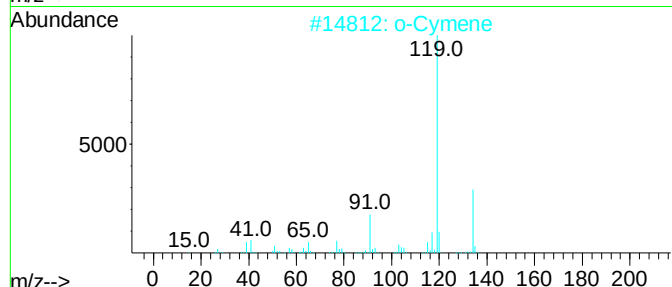
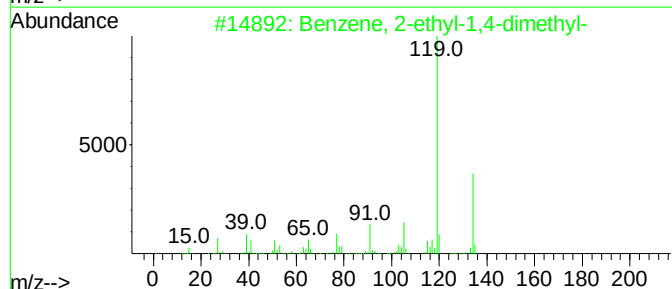
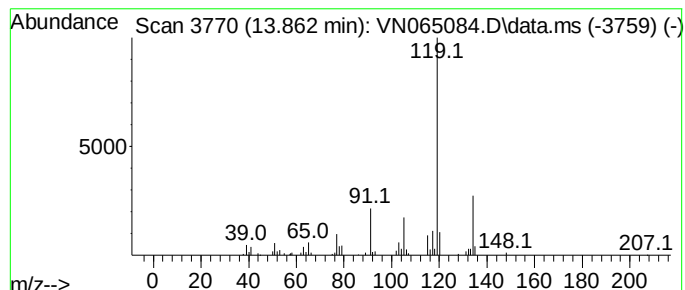
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.862 | 6.29 ug/l | 150157 | 1,4-Dichlorobenzene-d4 | 13.318 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 2         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 3         | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 93   |
| 4         | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 91   |
| 5         | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |



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ALS Vial : 17 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

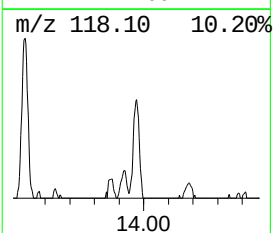
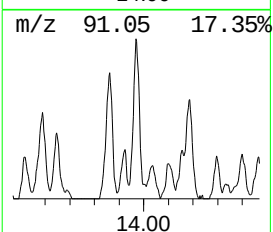
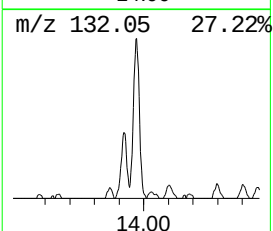
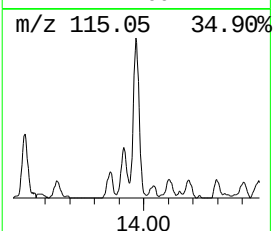
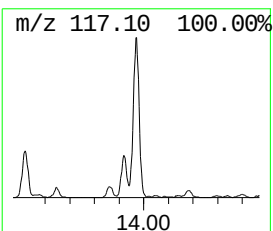
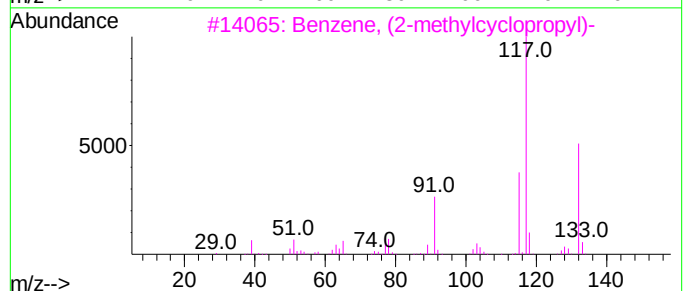
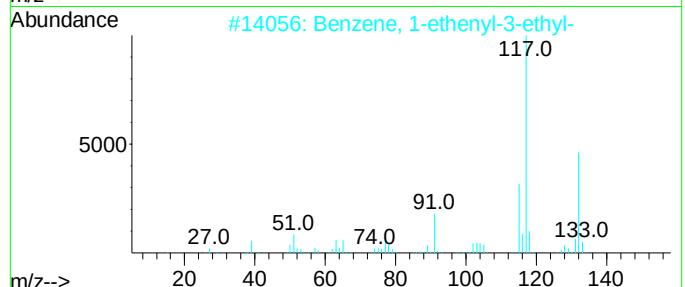
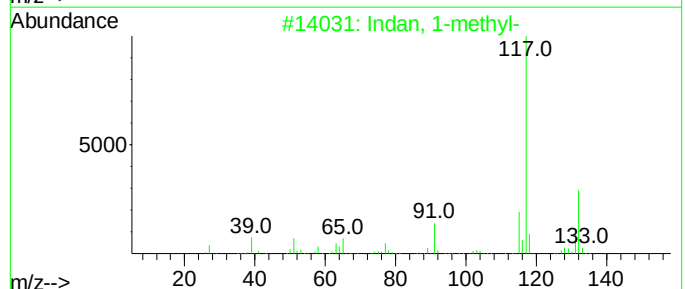
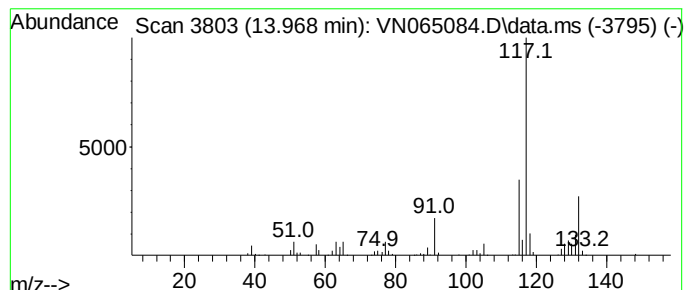
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Indan, 1-methyl- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.968 | 9.69 ug/l | 231127 | 1,4-Dichlorobenzene-d4 | 13.318 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8  | 87   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4  | 83   |
| 3    |    |   | Benzene, (2-methylcyclopropyl)-   | 132 | C10H12  | 1000327-39-0 | 81   |
| 4    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9  | 80   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7  | 74   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

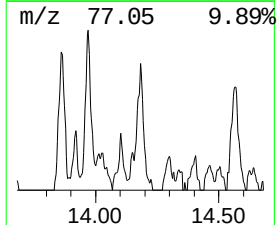
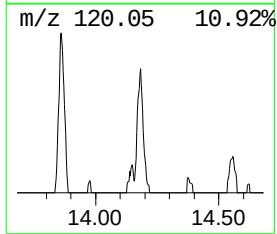
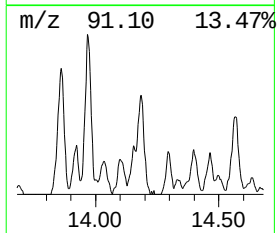
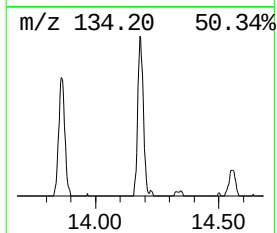
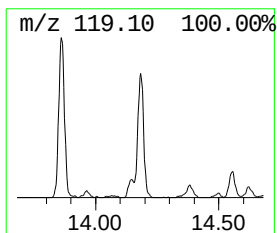
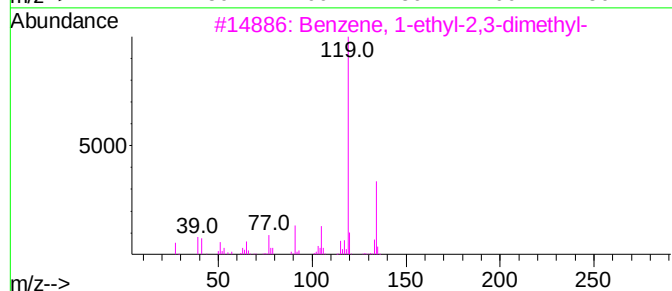
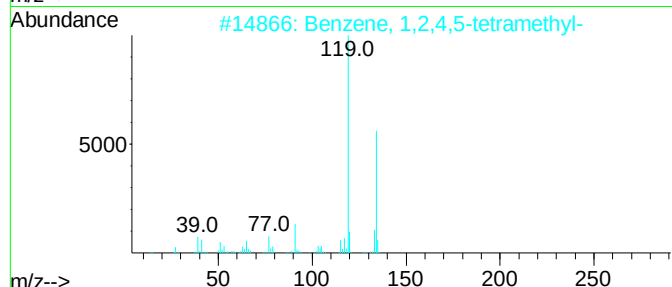
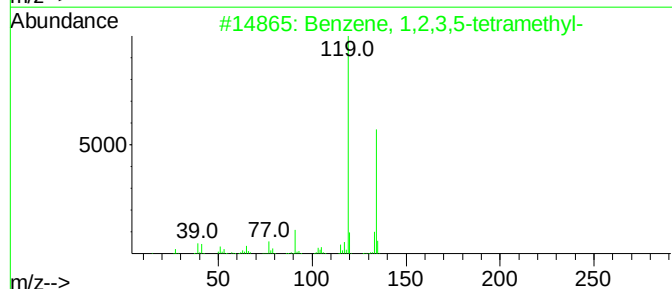
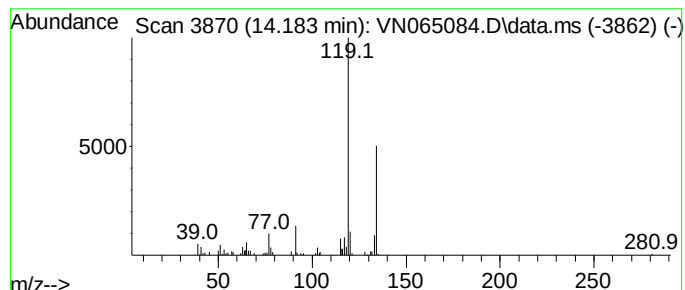
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.183 | 5.92 ug/l | 141239 | 1,4-Dichlorobenzene-d4 | 13.318 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 91   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 91   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 91   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 91   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 91   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

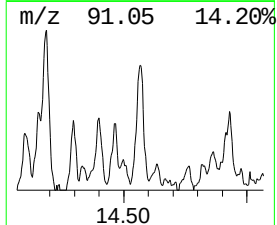
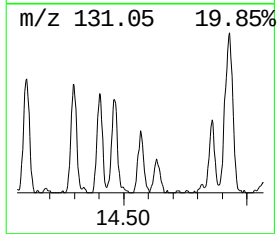
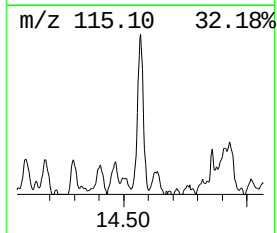
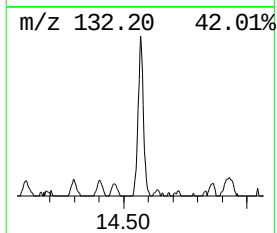
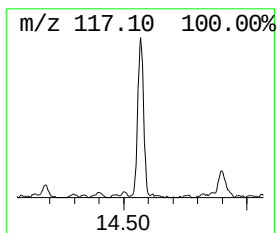
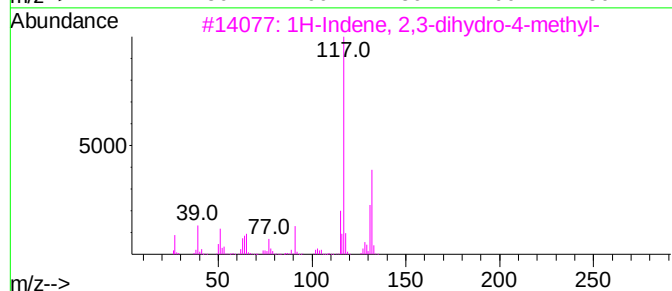
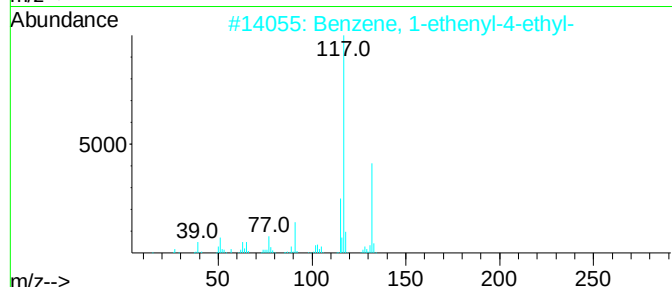
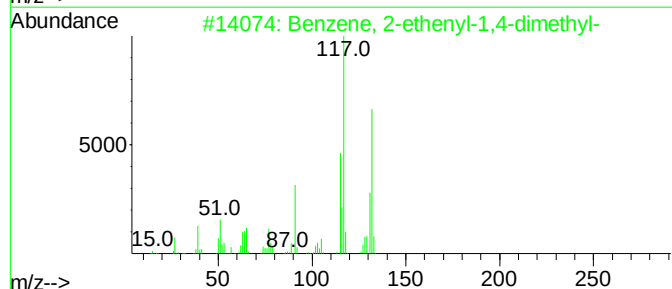
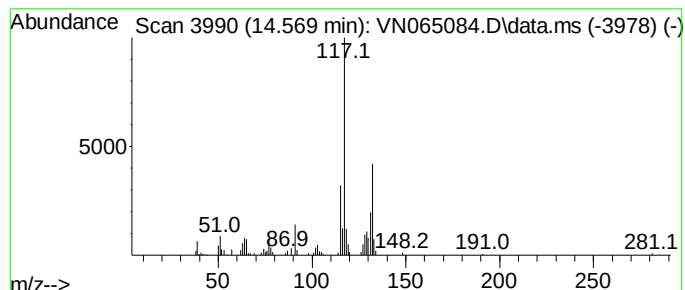
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.569 | 8.10 ug/l | 193266 | 1,4-Dichlorobenzene-d4 | 13.318 |

| Hit# of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------------|-----|---------|-------------|------|
| 1       |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 2       |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 93   |
| 3       |   | 1H-Indene, 2,3-dihydro-4-methyl-  | 132 | C10H12  | 000824-22-6 | 87   |
| 4       |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 87   |
| 5       |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121120\  
Data File : VN065084.D  
Acq On : 11 Dec 2020 21:13  
Operator : JC/MD  
Sample : L5039-01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JBD-WC-L-SB-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | ---Internal Standard--- |        |         |      |
|--------------------|--------|---------|-------|----------|-------------------------|--------|---------|------|
|                    |        |         |       |          | #                       | RT     | Resp    | Conc |
| Benzene, 2-ethy... | 13.862 | 6.3     | ug/l  | 150157   | 4                       | 13.318 | 1192750 | 50.0 |
| Indan, 1-methyl-   | 13.968 | 9.7     | ug/l  | 231127   | 4                       | 13.318 | 1192750 | 50.0 |
| Benzene, 1,2,3,... | 14.183 | 5.9     | ug/l  | 141239   | 4                       | 13.318 | 1192750 | 50.0 |
| Benzene, 2-ethe... | 14.569 | 8.1     | ug/l  | 193266   | 4                       | 13.318 | 1192750 | 50.0 |