

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062322\  
 Data File : VN073053.D  
 Acq On : 23 Jun 2022 17:04  
 Operator : JC\MD  
 Sample : N3381-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-26

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\82N061722W.M  
 Title : SW846 8260

Signal : TIC: VN073053.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         | 3.087       | 195           | 204         | 212          | rBV2     | 25050          | 58357         | 3.41%           | 0.419%        |
| 2         | 3.457       | 258           | 267         | 274          | rVB5     | 7529           | 19577         | 1.14%           | 0.140%        |
| 3         | 4.228       | 389           | 398         | 409          | rBV      | 45121          | 125812        | 7.34%           | 0.903%        |
| 4         | 4.504       | 432           | 445         | 460          | rBV      | 95204          | 308471        | 18.00%          | 2.214%        |
| 5         | 7.069       | 871           | 881         | 890          | rBV3     | 29141          | 85125         | 4.97%           | 0.611%        |
| 6         | 7.345       | 922           | 928         | 936          | rVB4     | 6905           | 17562         | 1.02%           | 0.126%        |
| 7         | 7.951       | 1022          | 1031        | 1036         | rBV2     | 218229         | 522235        | 30.48%          | 3.748%        |
| 8         | 8.016       | 1036          | 1042        | 1059         | rVB      | 429131         | 1006558       | 58.74%          | 7.224%        |
| 9         | 8.369       | 1093          | 1102        | 1116         | rBV      | 235656         | 532807        | 31.09%          | 3.824%        |
| 10        | 8.904       | 1183          | 1193        | 1205         | rBV      | 574768         | 1213717       | 70.83%          | 8.711%        |
| 11        | 9.386       | 1272          | 1275        | 1281         | rVB3     | 9661           | 18308         | 1.07%           | 0.131%        |
| 12        | 9.904       | 1357          | 1363        | 1372         | rBV2     | 20957          | 37784         | 2.20%           | 0.271%        |
| 13        | 10.263      | 1416          | 1424        | 1432         | rBV6     | 13374          | 27131         | 1.58%           | 0.195%        |
| 14        | 10.375      | 1435          | 1443        | 1451         | rBV      | 776581         | 1421538       | 82.95%          | 10.202%       |
| 15        | 10.433      | 1451          | 1453        | 1459         | rVB2     | 10858          | 17451         | 1.02%           | 0.125%        |
| 16        | 11.680      | 1657          | 1665        | 1675         | rBV      | 845668         | 1444167       | 84.27%          | 10.364%       |
| 17        | 11.780      | 1675          | 1682        | 1690         | rVV      | 98553          | 171077        | 9.98%           | 1.228%        |
| 18        | 11.892      | 1692          | 1701        | 1710         | rBV      | 229368         | 442248        | 25.81%          | 3.174%        |
| 19        | 12.216      | 1750          | 1756        | 1765         | rBV      | 102188         | 169132        | 9.87%           | 1.214%        |
| 20        | 12.516      | 1799          | 1807        | 1814         | rVB      | 36545          | 63750         | 3.72%           | 0.458%        |
| 21        | 12.669      | 1825          | 1833        | 1844         | rBV      | 663453         | 1129623       | 65.92%          | 8.107%        |
| 22        | 12.857      | 1860          | 1865        | 1870         | rBV      | 54912          | 84426         | 4.93%           | 0.606%        |
| 23        | 12.916      | 1870          | 1875        | 1878         | rVV      | 186518         | 309602        | 18.07%          | 2.222%        |
| 24        | 12.951      | 1878          | 1881        | 1885         | rVV      | 187939         | 297879        | 17.38%          | 2.138%        |
| 25        | 12.992      | 1885          | 1888        | 1896         | rVB      | 191273         | 302210        | 17.64%          | 2.169%        |
| 26        | 13.157      | 1908          | 1916        | 1925         | rBV      | 267649         | 433850        | 25.32%          | 3.114%        |
| 27        | 13.304      | 1933          | 1941        | 1948         | rBV      | 634974         | 1028976       | 60.05%          | 7.385%        |
| 28        | 13.610      | 1986          | 1993        | 2004         | rBV2     | 858425         | 1713642       | 100.00%         | 12.298%       |
| 29        | 13.704      | 2004          | 2009        | 2017         | rVV      | 73420          | 130357        | 7.61%           | 0.936%        |
| 30        | 13.810      | 2017          | 2027        | 2041         | rVB2     | 128689         | 283457        | 16.54%          | 2.034%        |
| 31        | 14.063      | 2065          | 2070        | 2074         | rBV3     | 20989          | 39459         | 2.30%           | 0.283%        |
| 32        | 14.151      | 2080          | 2085        | 2091         | rVB2     | 27562          | 42544         | 2.48%           | 0.305%        |
| 33        | 14.263      | 2099          | 2104        | 2111         | rVB2     | 56447          | 88408         | 5.16%           | 0.634%        |
| 34        | 14.392      | 2121          | 2126        | 2130         | rVB2     | 12967          | 18842         | 1.10%           | 0.135%        |
| 35        | 14.474      | 2134          | 2140        | 2143         | rBV2     | 15218          | 25193         | 1.47%           | 0.181%        |
| 36        | 14.510      | 2143          | 2146        | 2153         | rVB2     | 22979          | 36629         | 2.14%           | 0.263%        |

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Sample : N3381-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-26

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\82N061722W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 37 | 14.739 | 2180 | 2185 | 2191 | rBV2 | 23557 | 42561  | 2.48% | 0.305% |
| 38 | 14.863 | 2199 | 2206 | 2213 | rVB2 | 60533 | 117197 | 6.84% | 0.841% |
| 39 | 15.016 | 2223 | 2232 | 2238 | rBV8 | 13826 | 30218  | 1.76% | 0.217% |
| 40 | 15.433 | 2296 | 2303 | 2308 | rVB  | 39080 | 75940  | 4.43% | 0.545% |

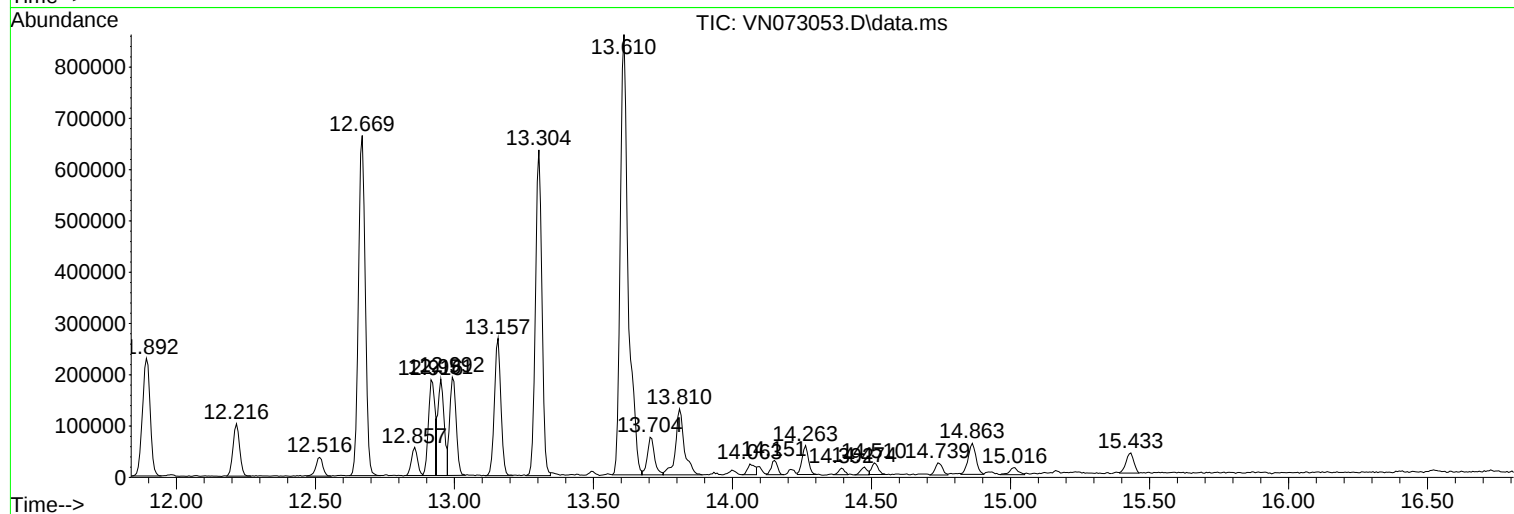
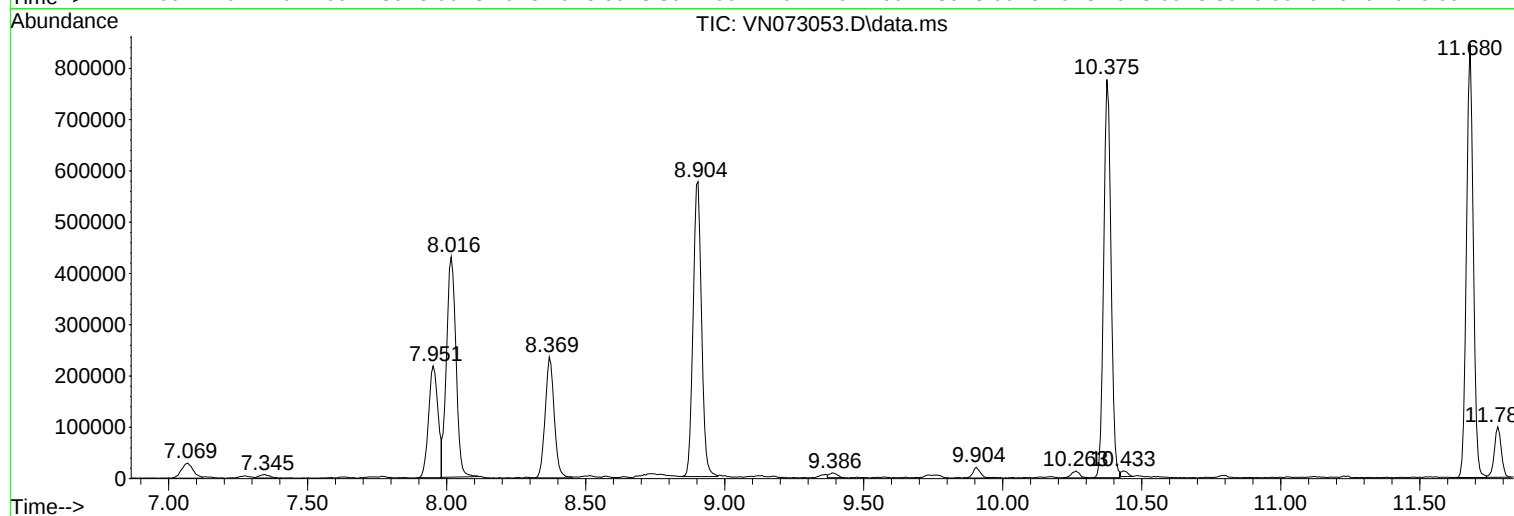
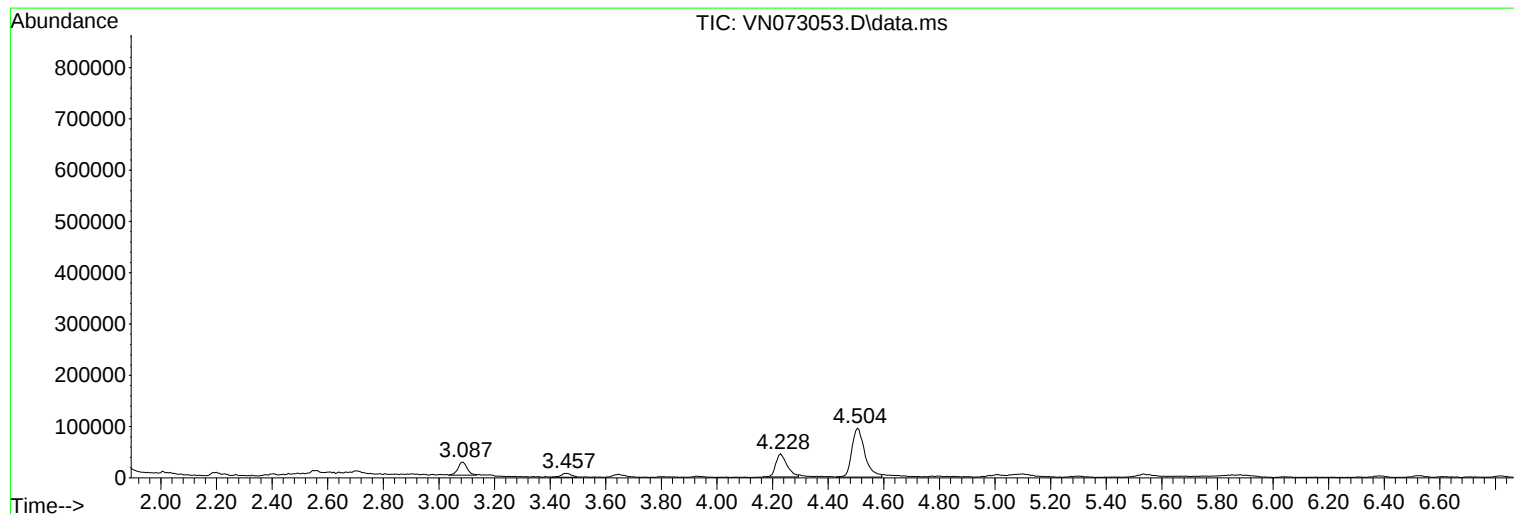
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MSVOA\_N  
ClientSampleId :  
MW-26

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260

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



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Operator : JC\MD  
Sample : N3381-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-26

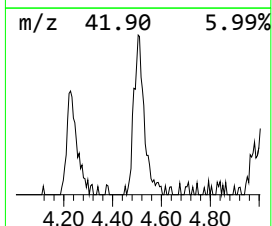
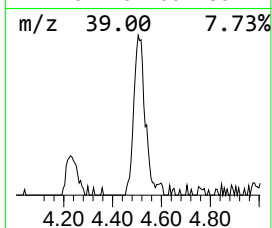
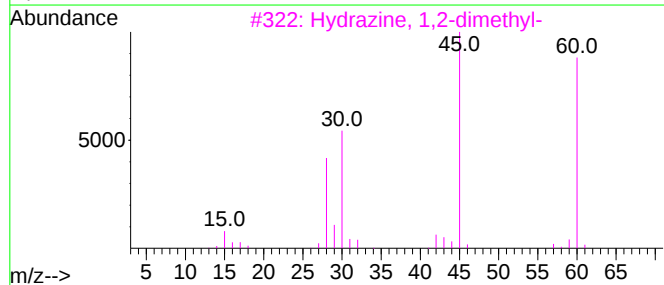
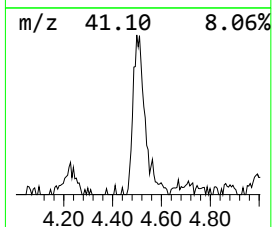
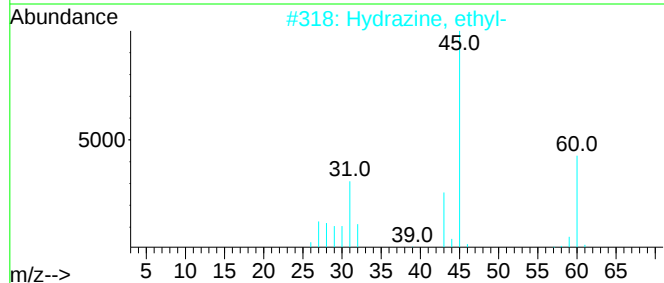
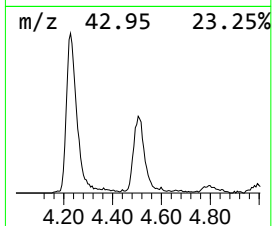
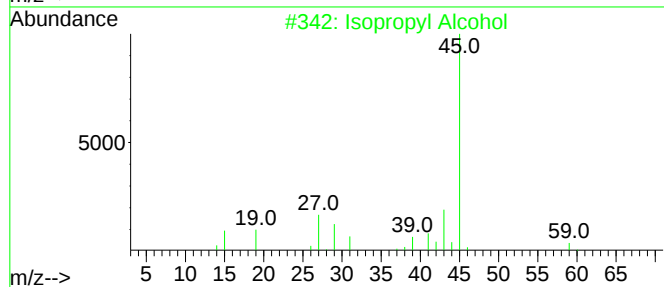
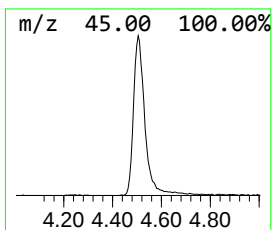
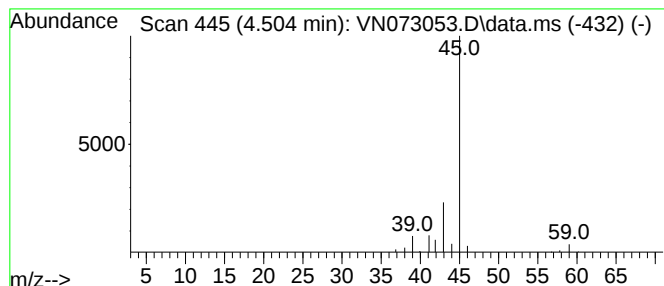
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.504 | 15.32 ug/l | 308471 | Pentafluorobenzene | 8.016 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 83   |
| 2    |    |   | Hydrazine, ethyl-        | 60 | C2H8N2  | 000624-80-6 | 40   |
| 3    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |
| 4    |    |   | Ethylamine               | 45 | C2H7N   | 000075-04-7 | 5    |
| 5    |    |   | Formamide                | 45 | CH3NO   | 000075-12-7 | 4    |



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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-26

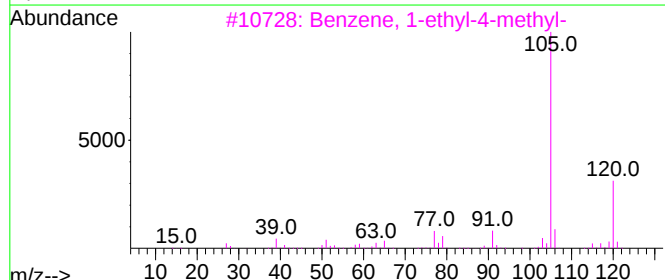
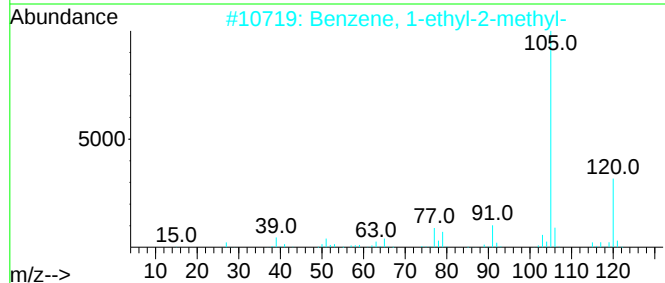
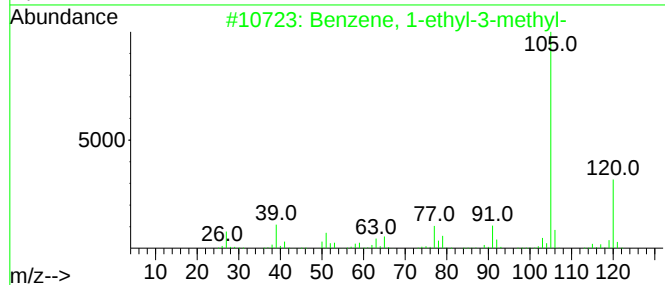
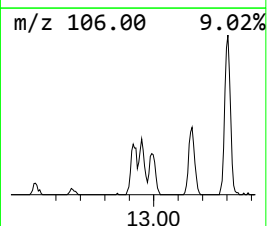
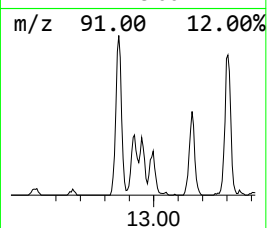
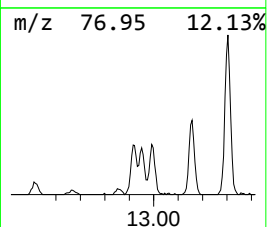
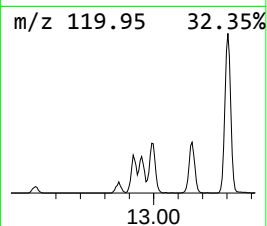
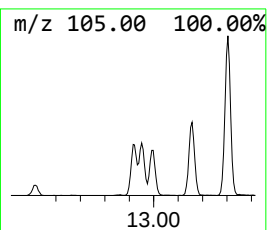
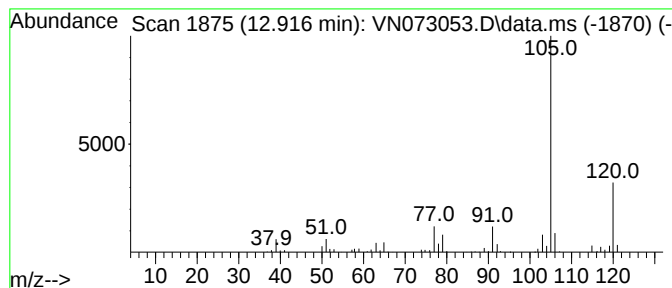
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.916 | 9.03 ug/l | 309602 | 1,4-Dichlorobenzene-d4 | 13.610 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



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Sample : N3381-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-26

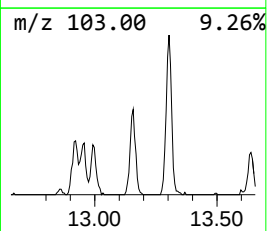
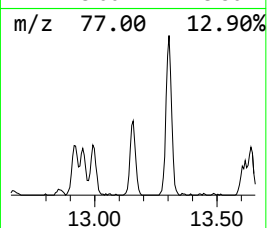
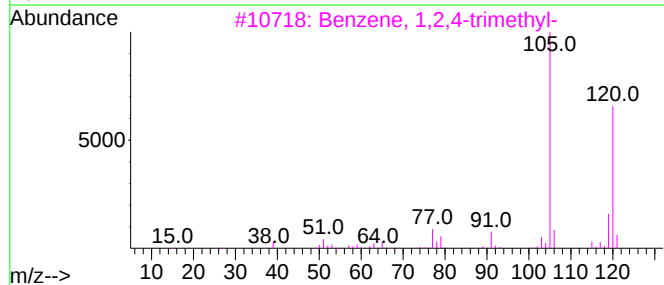
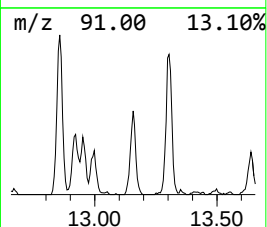
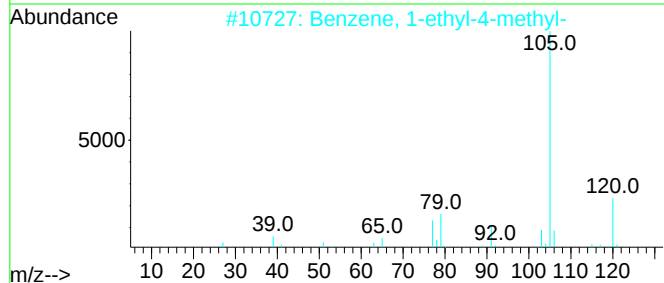
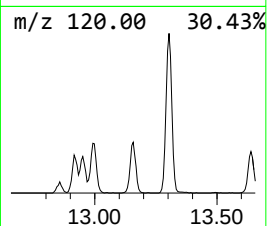
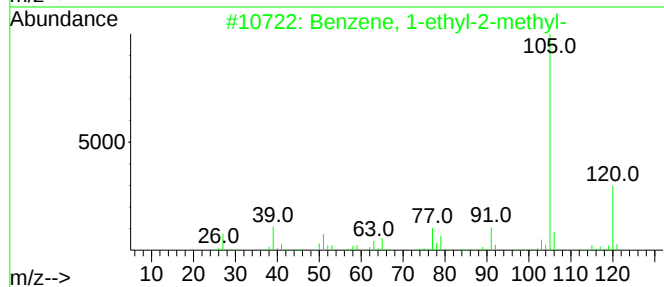
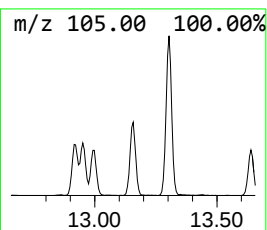
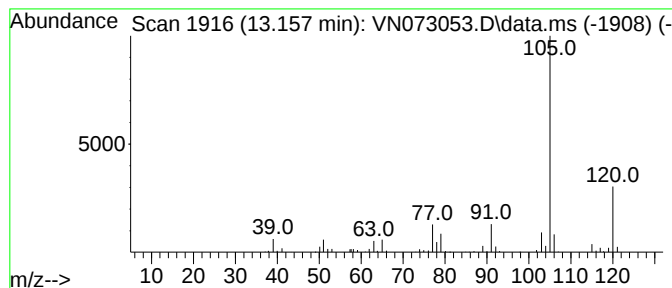
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.157 | 12.66 ug/l | 433850 | 1,4-Dichlorobenzene-d4 | 13.610 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 90   |
| 4    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
Quant Title : SW846 8260

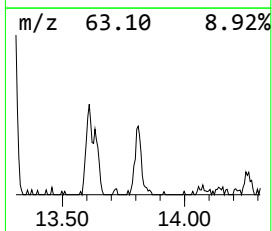
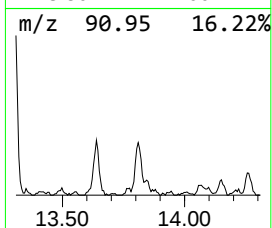
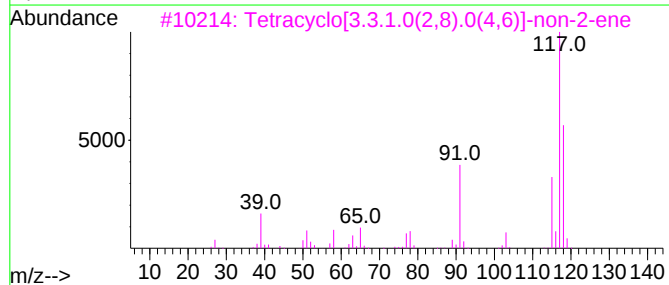
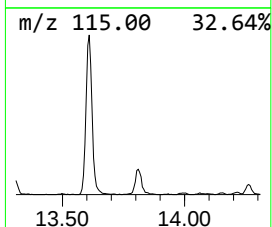
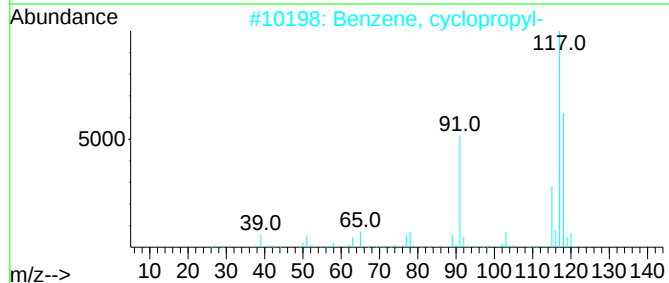
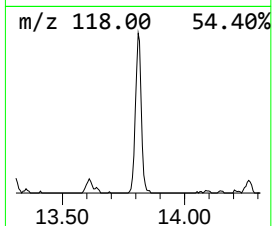
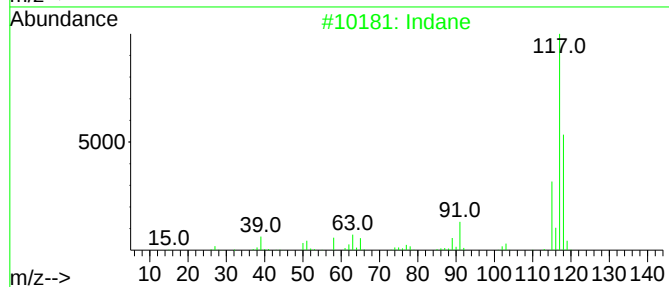
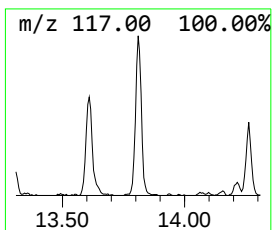
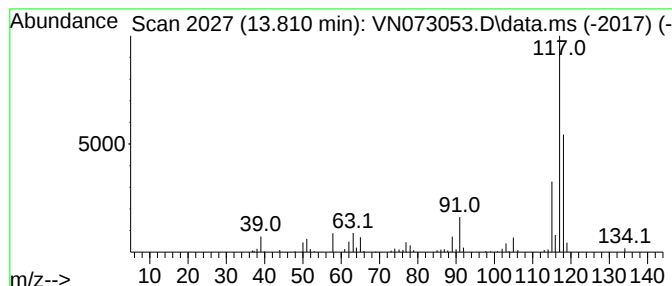
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Indane Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.810 | 8.27 ug/l | 283457 | 1,4-Dichlorobenzene-d4 | 13.610 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 81   |
| 3    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 74   |
| 4    |    |   | Deltacyclene                        | 118 | C9H10   | 007785-10-6  | 74   |
| 5    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 60   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062322\  
Data File : VN073053.D  
Acq On : 23 Jun 2022 17:04  
Operator : JC\MD  
Sample : N3381-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-26

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.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 |
| Isopropyl Alcohol  | 4.504  | 15.3    | ug/l  | 308471   | 1                     | 8.016  | 1006560 | 50.0 |
| Benzene, 1-ethy... | 12.916 | 9.0     | ug/l  | 309602   | 4                     | 13.610 | 1713640 | 50.0 |
| Benzene, 1-ethy... | 13.157 | 12.7    | ug/l  | 433850   | 4                     | 13.610 | 1713640 | 50.0 |
| Indane             | 13.810 | 8.3     | ug/l  | 283457   | 4                     | 13.610 | 1713640 | 50.0 |