

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
 Data File : VD079532.D  
 Acq On : 01 Aug 2024 18:18  
 Operator : RP/MD  
 Sample : P3394-02  
 Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-105-SB02

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\_D\Method\82D072924S.M  
 Title : SW846 8260

Signal : TIC: VD079532.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         | 1.740       | 19            | 26          | 37           | rBV      | 470394         | 784962        | 59.26%          | 8.015%        |
| 2         | 2.576       | 158           | 168         | 170          | rBV5     | 13042          | 26142         | 1.97%           | 0.267%        |
| 3         | 2.605       | 170           | 173         | 179          | rVB6     | 14916          | 28798         | 2.17%           | 0.294%        |
| 4         | 2.711       | 185           | 191         | 200          | rVB      | 37743          | 71673         | 5.41%           | 0.732%        |
| 5         | 4.022       | 405           | 414         | 423          | rBV2     | 9363           | 25356         | 1.91%           | 0.259%        |
| 6         | 4.564       | 497           | 506         | 518          | rBV2     | 12638          | 38801         | 2.93%           | 0.396%        |
| 7         | 4.781       | 535           | 543         | 545          | rBV4     | 7129           | 13778         | 1.04%           | 0.141%        |
| 8         | 7.799       | 1047          | 1056        | 1063         | rBV3     | 29717          | 73469         | 5.55%           | 0.750%        |
| 9         | 7.869       | 1063          | 1068        | 1078         | rVB      | 28709          | 60583         | 4.57%           | 0.619%        |
| 10        | 8.228       | 1122          | 1129        | 1138         | rBV2     | 46592          | 103283        | 7.80%           | 1.055%        |
| 11        | 8.775       | 1215          | 1222        | 1231         | rBV2     | 45830          | 89859         | 6.78%           | 0.918%        |
| 12        | 10.269      | 1469          | 1476        | 1484         | rBV      | 73096          | 133500        | 10.08%          | 1.363%        |
| 13        | 10.663      | 1536          | 1543        | 1548         | rBV2     | 8405           | 15349         | 1.16%           | 0.157%        |
| 14        | 11.581      | 1692          | 1699        | 1707         | rVB      | 71962          | 122221        | 9.23%           | 1.248%        |
| 15        | 12.569      | 1860          | 1867        | 1876         | rVB2     | 64595          | 108859        | 8.22%           | 1.112%        |
| 16        | 13.210      | 1970          | 1976        | 1983         | rVB      | 57103          | 93073         | 7.03%           | 0.950%        |
| 17        | 13.516      | 2022          | 2028        | 2029         | rBV      | 66110          | 90853         | 6.86%           | 0.928%        |
| 18        | 13.546      | 2029          | 2033        | 2040         | rVB      | 110308         | 194210        | 14.66%          | 1.983%        |
| 19        | 13.616      | 2040          | 2045        | 2050         | rVB3     | 12355          | 19306         | 1.46%           | 0.197%        |
| 20        | 13.716      | 2050          | 2062        | 2065         | rBV2     | 158047         | 332306        | 25.09%          | 3.393%        |
| 21        | 13.751      | 2065          | 2068        | 2079         | rVV3     | 168829         | 336049        | 25.37%          | 3.431%        |
| 22        | 13.845      | 2079          | 2084        | 2088         | rVV3     | 9399           | 14050         | 1.06%           | 0.143%        |
| 23        | 13.910      | 2090          | 2095        | 2100         | rVB      | 62470          | 94454         | 7.13%           | 0.964%        |
| 24        | 13.975      | 2100          | 2106        | 2108         | rBV      | 158102         | 263449        | 19.89%          | 2.690%        |
| 25        | 14.004      | 2108          | 2111        | 2115         | rVV      | 202732         | 301071        | 22.73%          | 3.074%        |
| 26        | 14.057      | 2115          | 2120        | 2126         | rVV      | 483935         | 773703        | 58.41%          | 7.900%        |
| 27        | 14.116      | 2126          | 2130        | 2133         | rVV2     | 17163          | 27572         | 2.08%           | 0.282%        |
| 28        | 14.169      | 2133          | 2139        | 2144         | rVV3     | 147082         | 261729        | 19.76%          | 2.673%        |
| 29        | 14.216      | 2144          | 2147        | 2148         | rVV2     | 16956          | 19371         | 1.46%           | 0.198%        |
| 30        | 14.240      | 2148          | 2151        | 2156         | rVV4     | 22687          | 41013         | 3.10%           | 0.419%        |
| 31        | 14.298      | 2156          | 2161        | 2167         | rVV      | 167552         | 268199        | 20.25%          | 2.739%        |
| 32        | 14.381      | 2167          | 2175        | 2178         | rVV      | 459087         | 739572        | 55.83%          | 7.552%        |
| 33        | 14.422      | 2178          | 2182        | 2186         | rVV      | 768584         | 1166776       | 88.08%          | 11.914%       |
| 34        | 14.463      | 2186          | 2189        | 2193         | rVV      | 146565         | 227017        | 17.14%          | 2.318%        |
| 35        | 14.504      | 2193          | 2196        | 2204         | rVV2     | 84072          | 149198        | 11.26%          | 1.523%        |
| 36        | 14.563      | 2204          | 2206        | 2209         | rVV4     | 19904          | 30677         | 2.32%           | 0.313%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

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\_D\Method\82D072924S.M

Title : SW846 8260

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 14.604 | 2209 | 2213 | 2216 | rVV  | 61424  | 97323   | 7.35%   | 0.994%  |
| 38 | 14.651 | 2216 | 2221 | 2226 | rVV  | 421166 | 689874  | 52.08%  | 7.044%  |
| 39 | 14.698 | 2226 | 2229 | 2233 | rVV2 | 105530 | 144637  | 10.92%  | 1.477%  |
| 40 | 14.769 | 2233 | 2241 | 2247 | rVV3 | 633445 | 1324614 | 100.00% | 13.526% |
| 41 | 14.822 | 2247 | 2250 | 2257 | rVB3 | 62126  | 102956  | 7.77%   | 1.051%  |
| 42 | 14.916 | 2262 | 2266 | 2278 | rVV7 | 27654  | 65370   | 4.94%   | 0.667%  |
| 43 | 15.034 | 2281 | 2286 | 2295 | rVV  | 33834  | 78466   | 5.92%   | 0.801%  |
| 44 | 15.140 | 2299 | 2304 | 2311 | rVB6 | 9711   | 18676   | 1.41%   | 0.191%  |
| 45 | 15.328 | 2329 | 2336 | 2343 | rVB  | 73023  | 131149  | 9.90%   | 1.339%  |

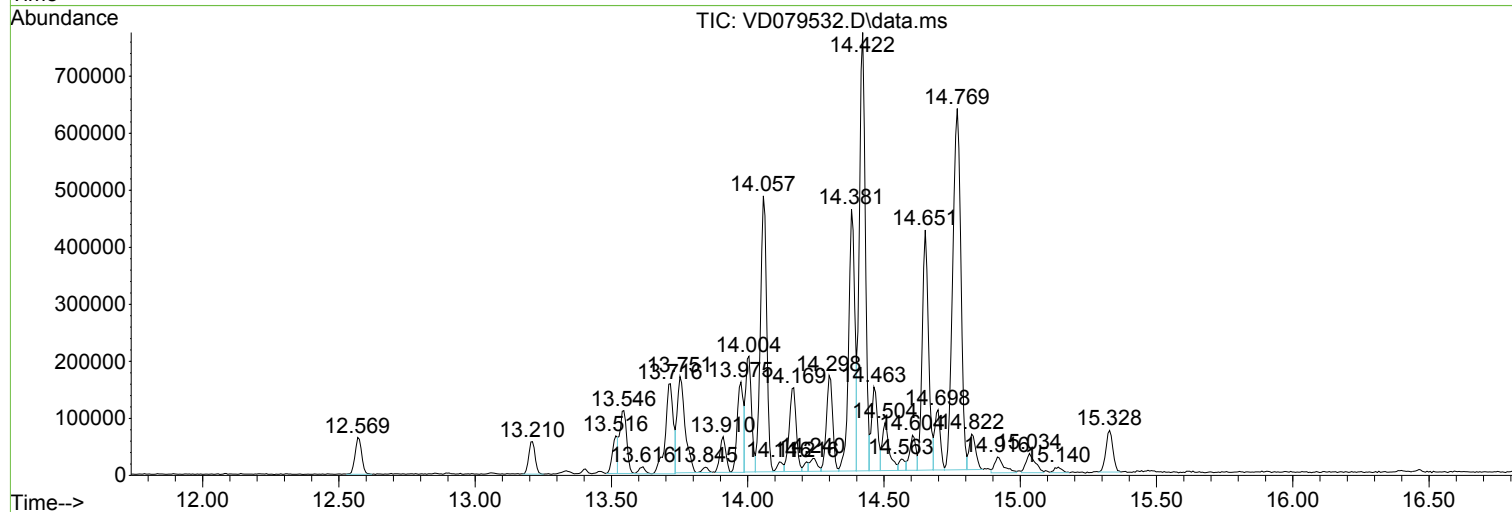
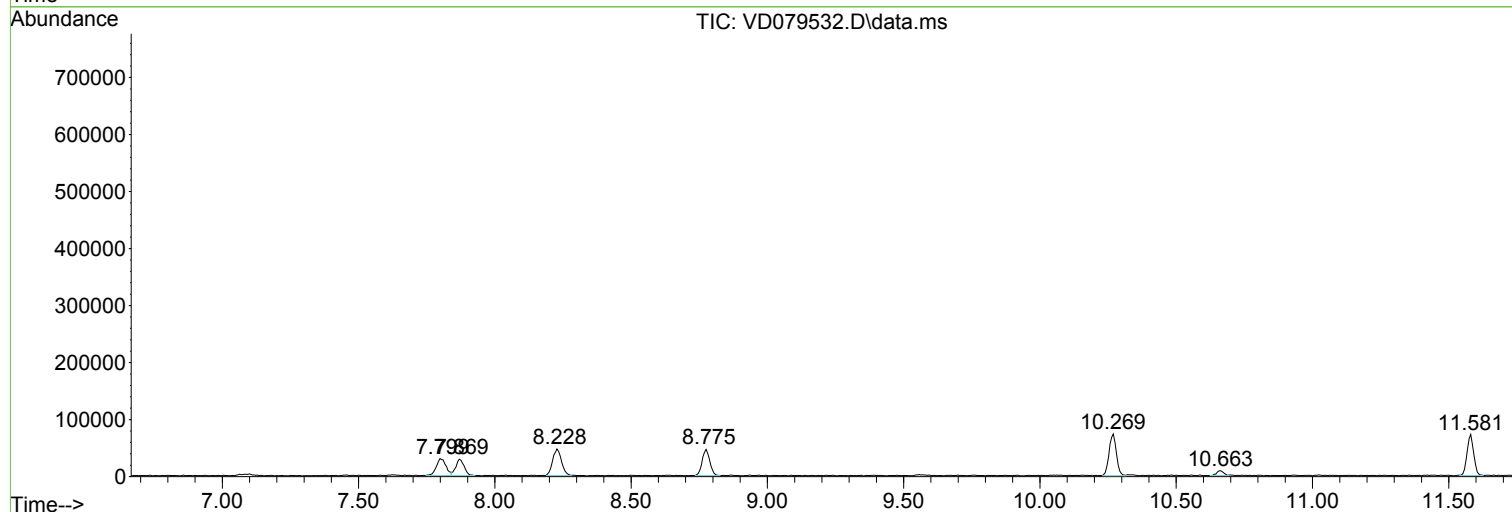
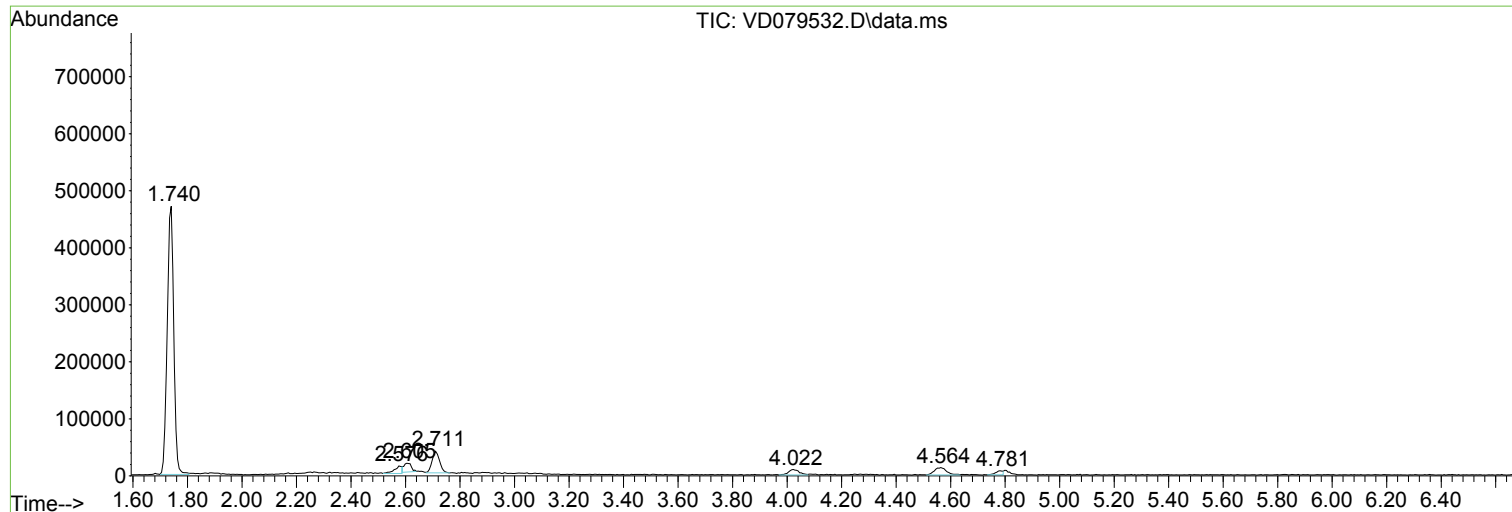
Sum of corrected areas: 9793346

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

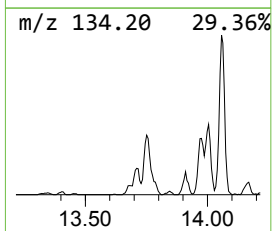
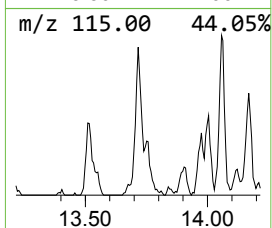
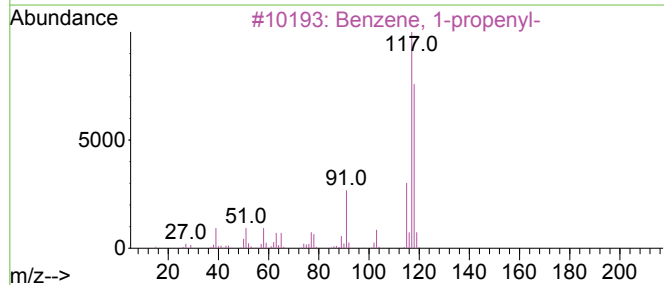
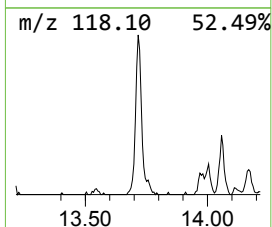
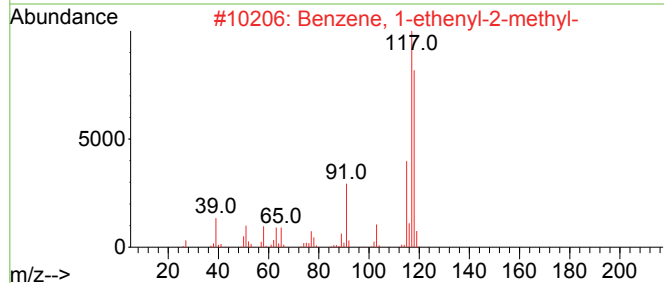
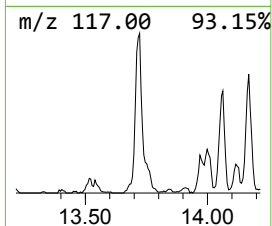
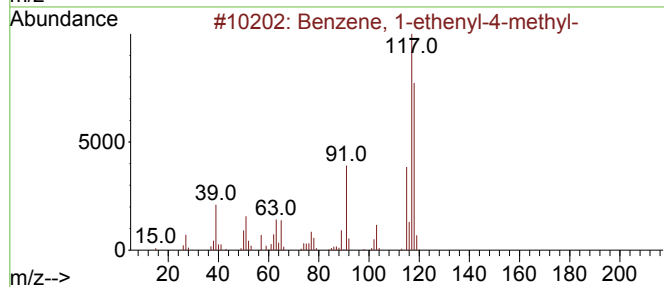
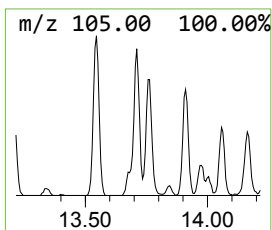
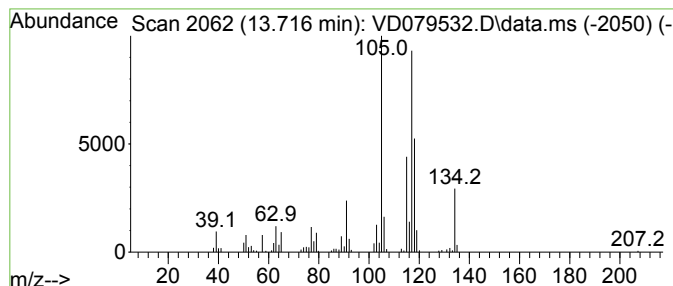
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethenyl-4-methyl- Concentration Rank 7

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 13.716 | 182.88 ug/l | 332306 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 91   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 90   |
| 3    |    |   | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 60   |
| 4    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 55   |
| 5    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

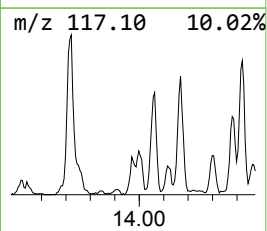
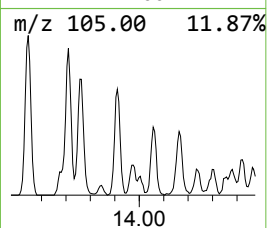
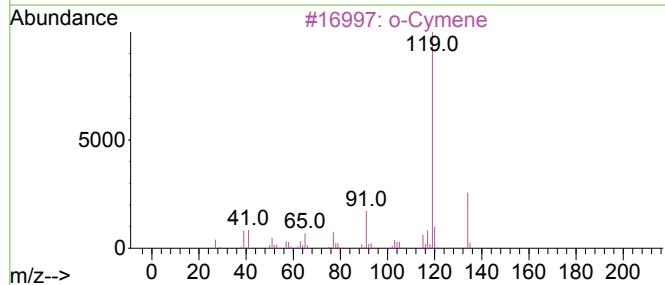
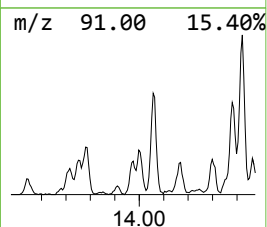
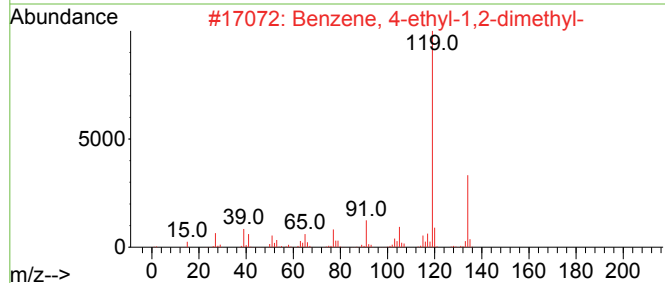
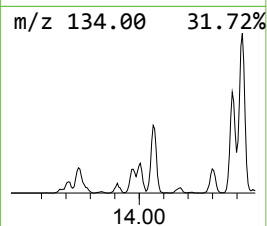
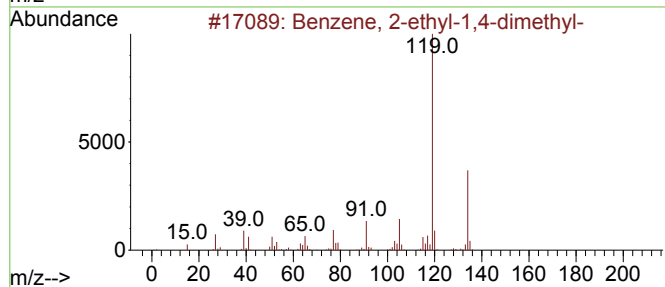
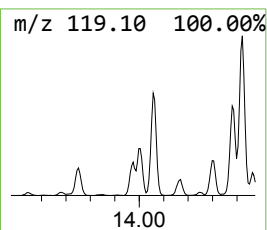
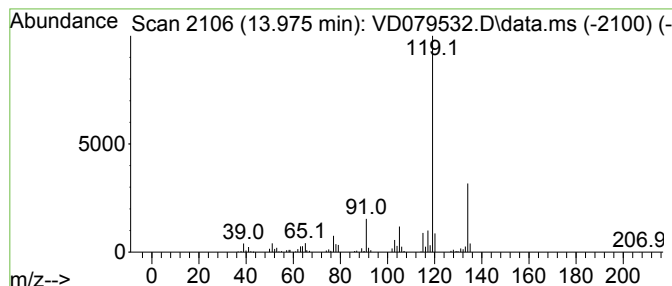
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 13.975 | 144.99 ug/l | 263449 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 97   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 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, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

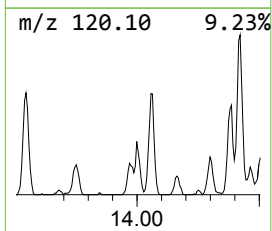
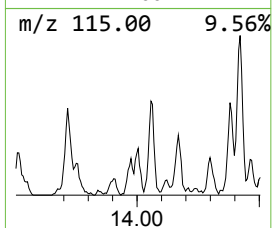
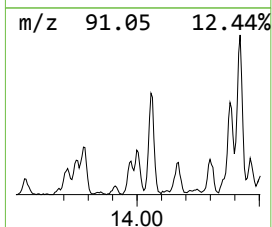
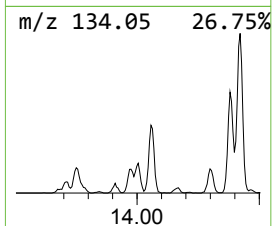
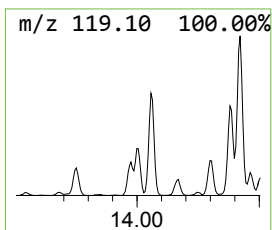
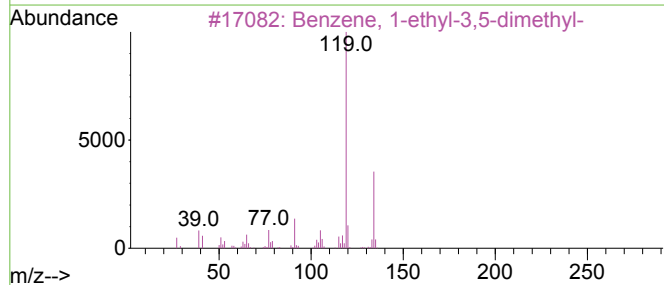
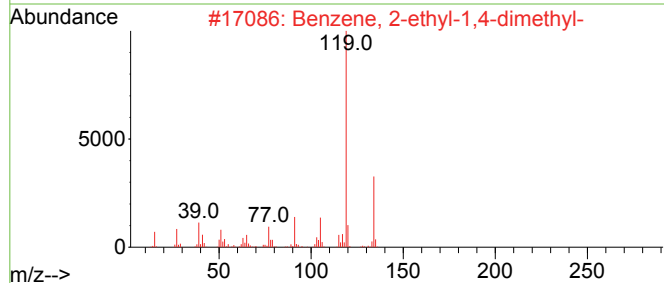
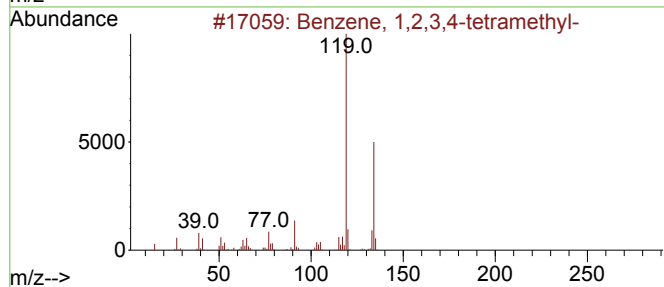
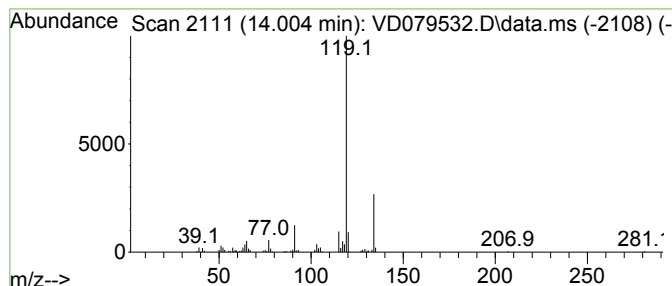
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 14.004    | 165.69 ug/l                         | 301071 | 1,4-Dichlorobenzene-d4 | 13.516      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Benzene, 1,2,3,4-tetramethyl-       | 134    | C10H14                 | 000488-23-3 | 91   |
| 2         | Benzene, 2-ethyl-1,4-dimethyl-      | 134    | C10H14                 | 001758-88-9 | 90   |
| 3         | Benzene, 1-ethyl-3,5-dimethyl-      | 134    | C10H14                 | 000934-74-7 | 87   |
| 4         | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134    | C10H14                 | 003479-89-8 | 87   |
| 5         | Benzene, 4-ethyl-1,2-dimethyl-      | 134    | C10H14                 | 000934-80-5 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

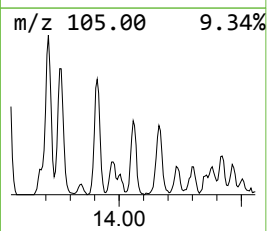
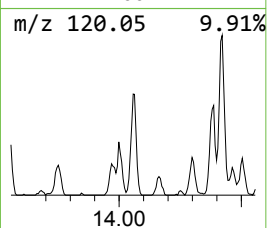
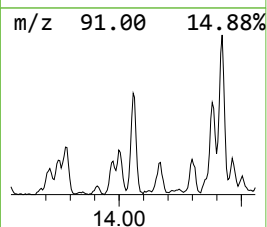
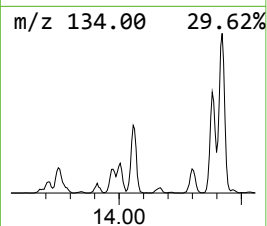
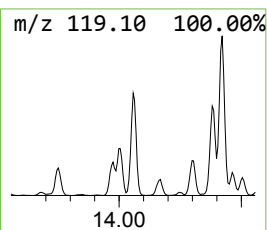
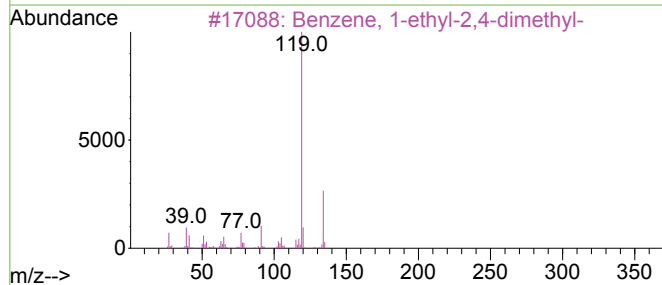
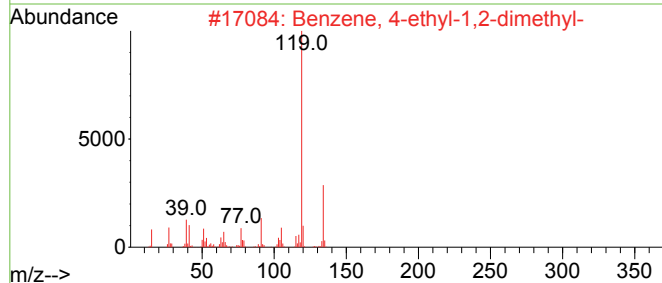
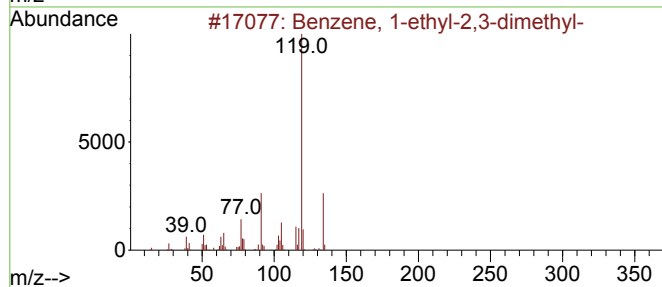
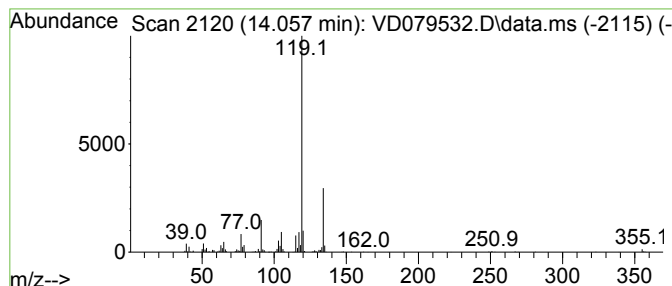
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 14.057 | 425.80 ug/l | 773703 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 3    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 95   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 94   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

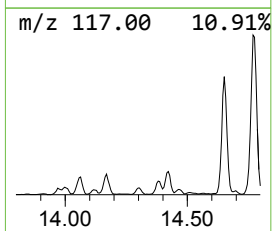
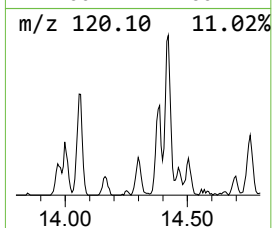
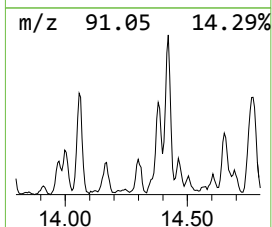
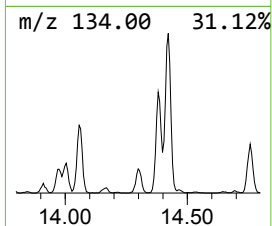
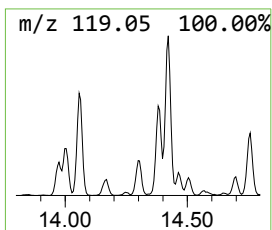
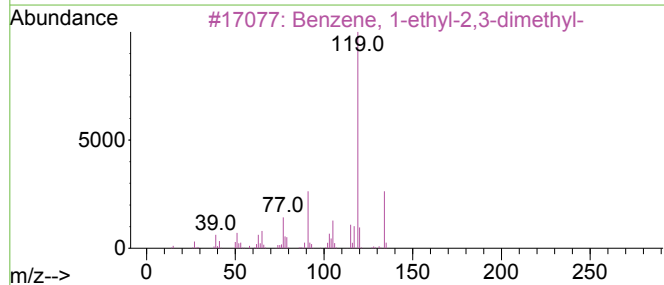
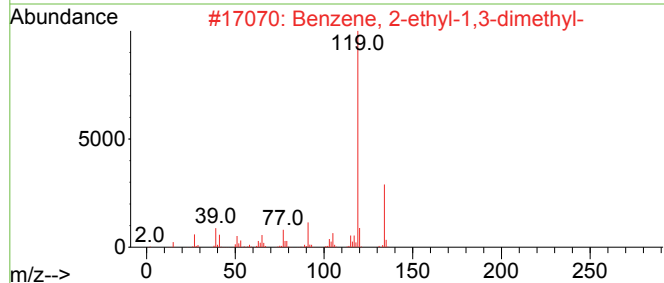
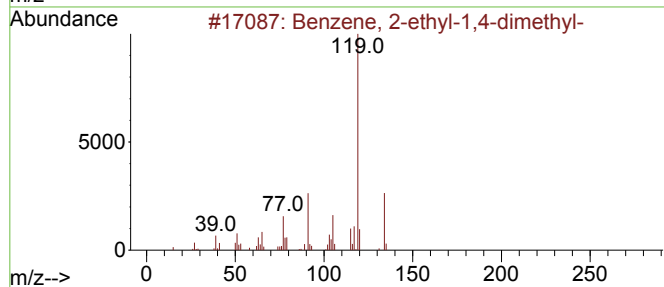
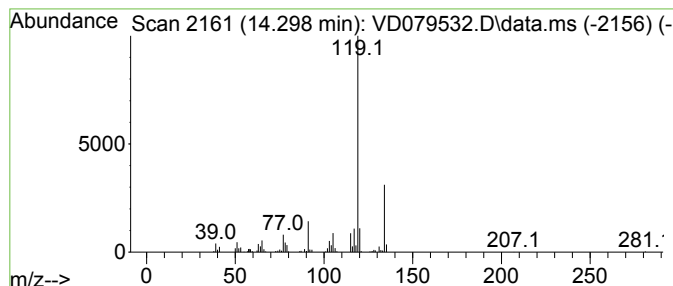
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 14.298 | 147.60 ug/l | 268199 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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

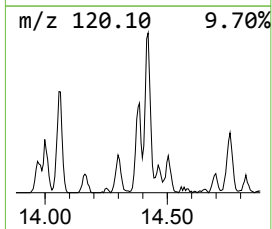
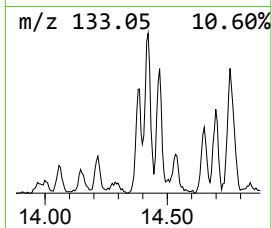
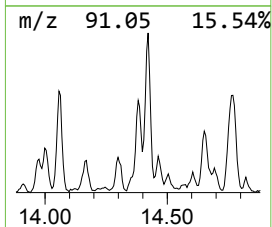
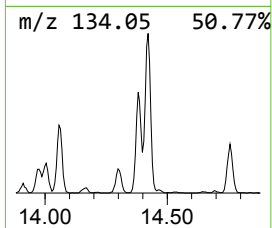
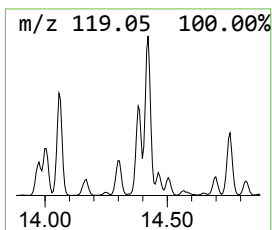
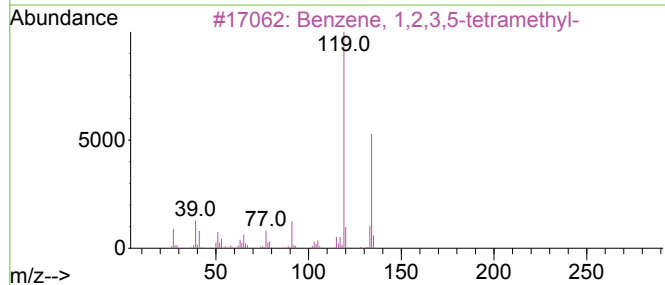
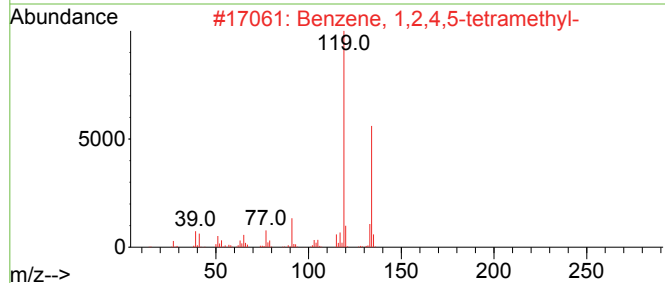
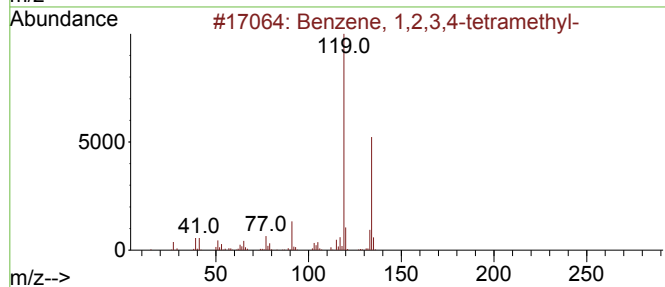
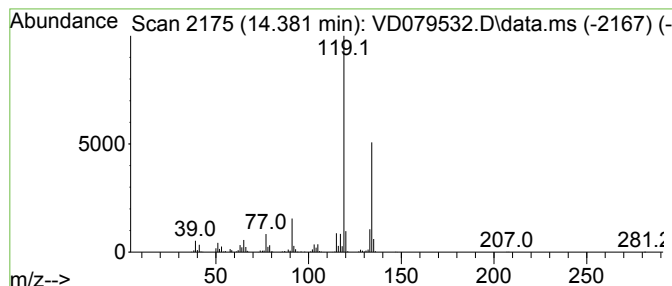
\*\*\*\*\*

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 14.381 | 407.02 ug/l | 739572 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 96   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

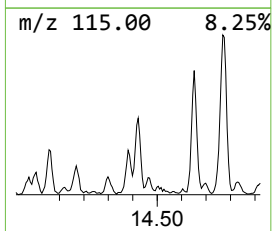
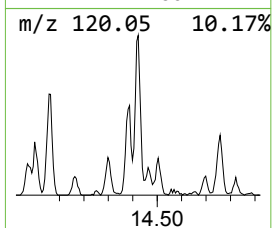
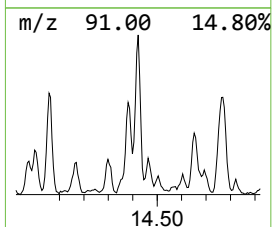
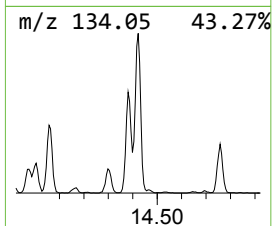
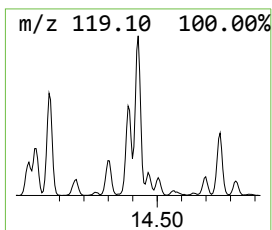
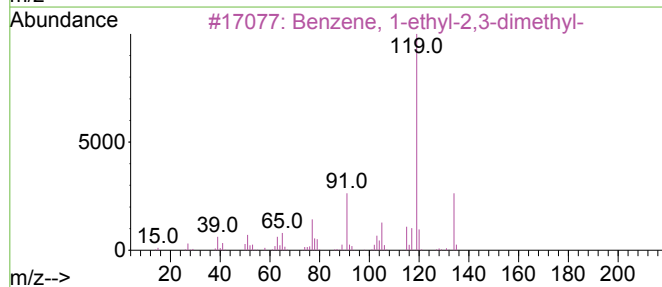
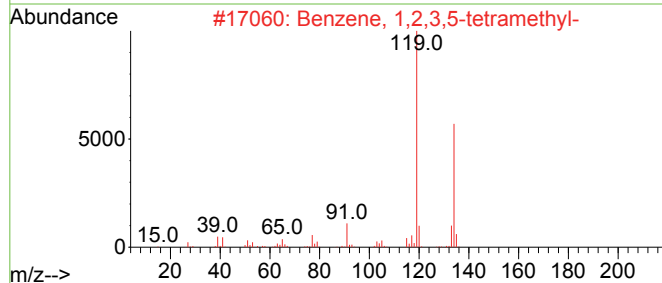
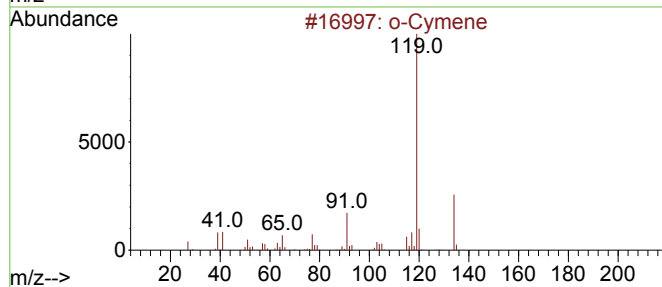
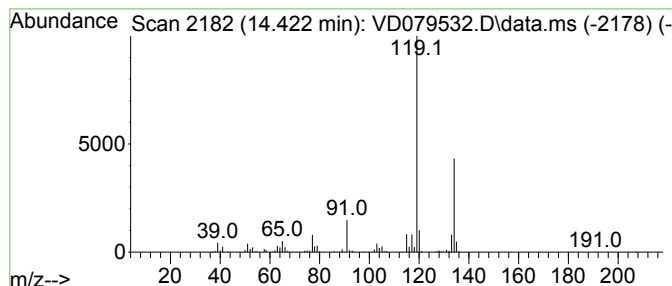
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 o-Cymene Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.422 | 642.12 ug/l | 1166780 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

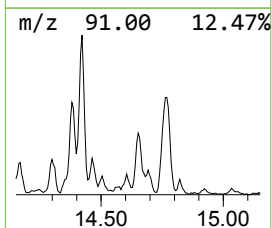
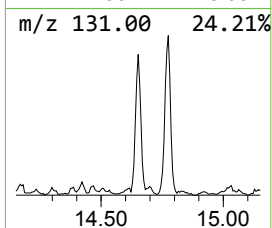
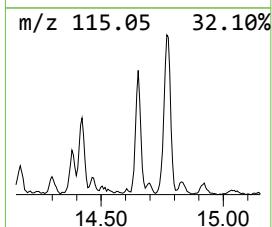
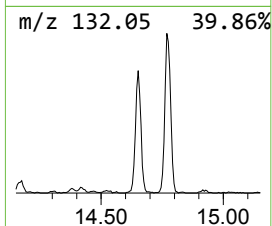
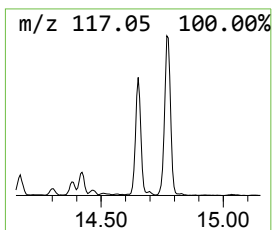
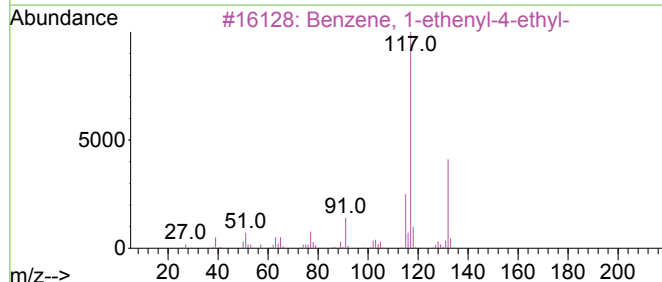
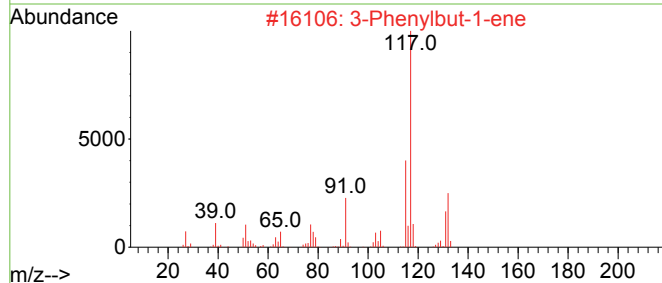
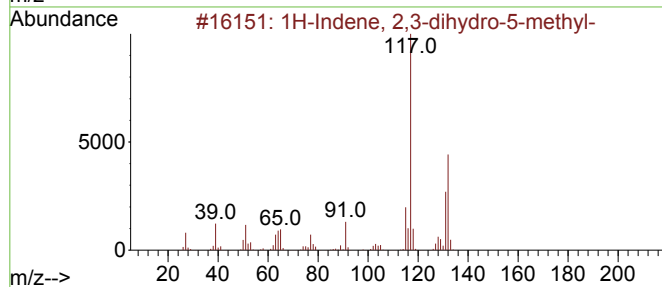
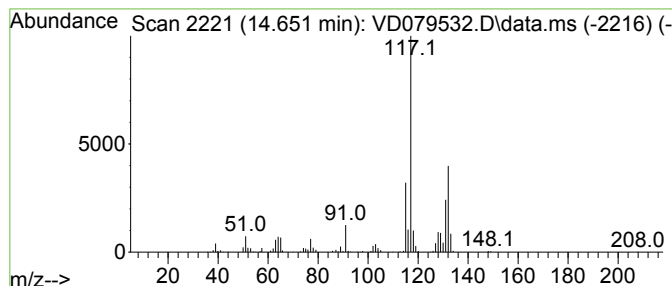
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 14.651 | 379.67 ug/l | 689874 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 90   |
| 2    |      | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 90   |
| 3    |      | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 87   |
| 4    |      | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 87   |
| 5    |      | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

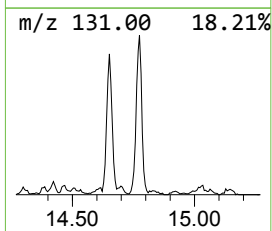
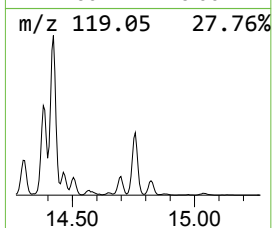
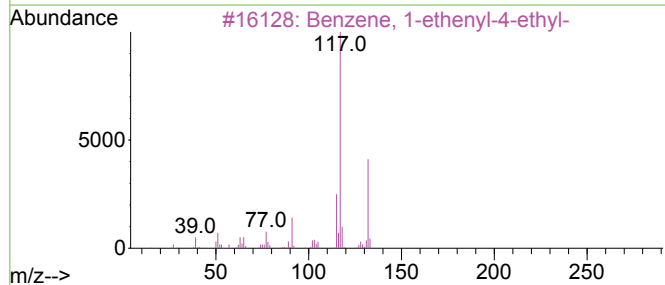
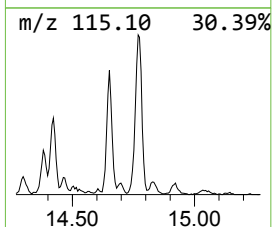
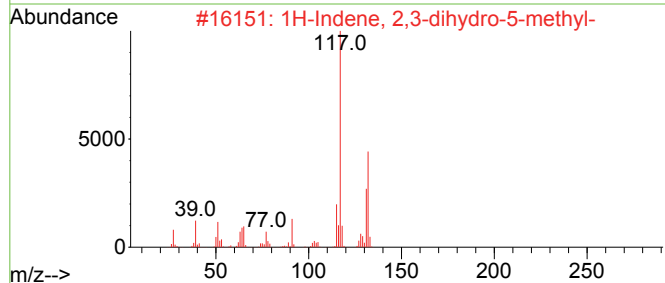
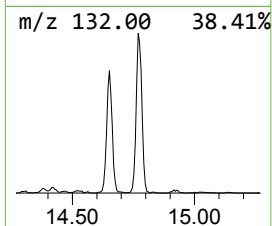
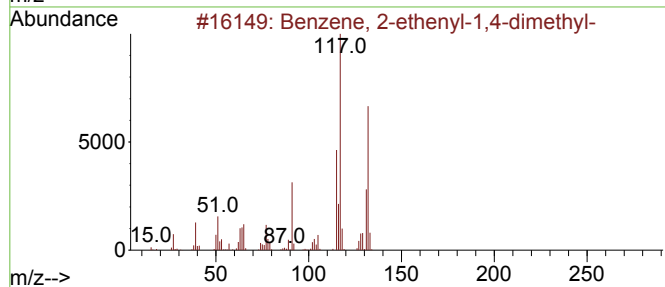
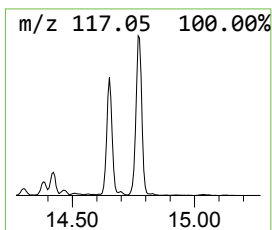
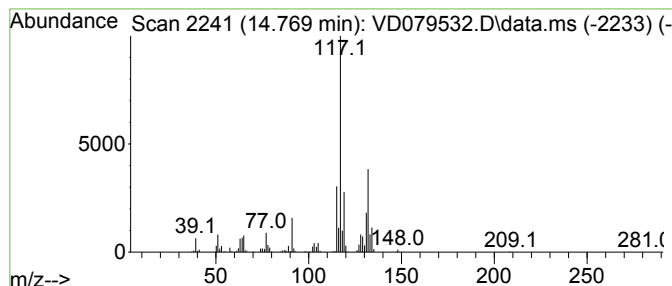
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.769 | 728.99 ug/l | 1324610 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 96   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 93   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 90   |
| 4    |    |   | Benzene, 2-butenyl-              | 132 | C10H12  | 001560-06-1 | 87   |
| 5    |    |   | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080124\  
Data File : VD079532.D  
Acq On : 01 Aug 2024 18:18  
Operator : RP/MD  
Sample : P3394-02  
Misc : 6.83G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-105-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.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-ethe... | 13.716 | 182.9   | ug/l  | 332306   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 2-ethy... | 13.975 | 145.0   | ug/l  | 263449   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 1,2,3,... | 14.004 | 165.7   | ug/l  | 301071   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 1-ethy... | 14.057 | 425.8   | ug/l  | 773703   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 2-ethy... | 14.298 | 147.6   | ug/l  | 268199   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 1,2,4,... | 14.381 | 407.0   | ug/l  | 739572   | 4                     | 13.516 | 90853 | 50.0 |
| o-Cymene           | 14.422 | 642.1   | ug/l  | 1166780  | 4                     | 13.516 | 90853 | 50.0 |
| 1H-Indene, 2,3-... | 14.651 | 379.7   | ug/l  | 689874   | 4                     | 13.516 | 90853 | 50.0 |
| Benzene, 2-ethe... | 14.769 | 729.0   | ug/l  | 1324610  | 4                     | 13.516 | 90853 | 50.0 |