

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
 Data File : VY002926.D  
 Acq On : 18 Jun 2020 17:59  
 Operator : SY/MD  
 Sample : L3034-01  
 Misc : 7.18G/5ML/MSVOA Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
 Title : SW846 8260

Signal : TIC

| 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         | 2.225       | 73            | 80          | 89           | rBV2     | 7587           | 15955         | 1.55%           | 0.224%        |
| 2         | 3.968       | 357           | 366         | 374          | rBV2     | 7279           | 21176         | 2.05%           | 0.297%        |
| 3         | 4.200       | 391           | 404         | 417          | rBV      | 38390          | 106896        | 10.35%          | 1.500%        |
| 4         | 4.724       | 481           | 490         | 502          | rBV      | 16077          | 47880         | 4.64%           | 0.672%        |
| 5         | 7.730       | 970           | 983         | 988          | rBV      | 126092         | 298185        | 28.88%          | 4.185%        |
| 6         | 7.797       | 988           | 994         | 1007         | rVB      | 250390         | 567254        | 54.93%          | 7.961%        |
| 7         | 8.151       | 1041          | 1052        | 1065         | rBV      | 138547         | 298862        | 28.94%          | 4.194%        |
| 8         | 8.693       | 1132          | 1141        | 1154         | rBV      | 383778         | 745498        | 72.20%          | 10.463%       |
| 9         | 10.181      | 1376          | 1385        | 1393         | rBV      | 597837         | 1032606       | 100.00%         | 14.492%       |
| 10        | 11.491      | 1591          | 1600        | 1608         | rBV      | 554253         | 891717        | 86.36%          | 12.515%       |
| 11        | 11.595      | 1610          | 1617        | 1623         | rVB      | 16627          | 28093         | 2.72%           | 0.394%        |
| 12        | 11.699      | 1628          | 1634        | 1644         | rBV      | 63441          | 111877        | 10.83%          | 1.570%        |
| 13        | 12.028      | 1680          | 1688        | 1696         | rVB      | 35109          | 55823         | 5.41%           | 0.783%        |
| 14        | 12.479      | 1756          | 1762        | 1771         | rBV      | 434277         | 675372        | 65.40%          | 9.478%        |
| 15        | 12.808      | 1810          | 1816        | 1821         | rBV7     | 7105           | 12520         | 1.21%           | 0.176%        |
| 16        | 13.424      | 1910          | 1917        | 1924         | rBV      | 522356         | 786235        | 76.14%          | 11.034%       |
| 17        | 13.741      | 1964          | 1969        | 1975         | rBV7     | 14683          | 27203         | 2.63%           | 0.382%        |
| 18        | 13.967      | 2001          | 2006        | 2012         | rVB6     | 11628          | 20499         | 1.99%           | 0.288%        |
| 19        | 14.131      | 2029          | 2033        | 2039         | rVB5     | 8728           | 17900         | 1.73%           | 0.251%        |
| 20        | 14.204      | 2041          | 2045        | 2049         | rVB7     | 6488           | 11019         | 1.07%           | 0.155%        |
| 21        | 14.253      | 2049          | 2053        | 2056         | rBV3     | 24941          | 45239         | 4.38%           | 0.635%        |
| 22        | 14.387      | 2070          | 2075        | 2077         | rBV4     | 18781          | 31367         | 3.04%           | 0.440%        |
| 23        | 14.424      | 2078          | 2081        | 2084         | rVV3     | 27904          | 39334         | 3.81%           | 0.552%        |
| 24        | 14.473      | 2085          | 2089        | 2095         | rVB7     | 14030          | 29901         | 2.90%           | 0.420%        |
| 25        | 14.619      | 2109          | 2113        | 2117         | rBV6     | 9408           | 14620         | 1.42%           | 0.205%        |
| 26        | 14.680      | 2118          | 2123        | 2128         | rVV8     | 17412          | 40880         | 3.96%           | 0.574%        |
| 27        | 14.735      | 2128          | 2132        | 2137         | rVB5     | 25342          | 43037         | 4.17%           | 0.604%        |
| 28        | 14.845      | 2147          | 2150        | 2152         | rBV4     | 17254          | 24820         | 2.40%           | 0.348%        |
| 29        | 14.875      | 2152          | 2155        | 2159         | rVV2     | 30373          | 40957         | 3.97%           | 0.575%        |
| 30        | 14.942      | 2163          | 2166        | 2170         | rVB2     | 36768          | 53380         | 5.17%           | 0.749%        |
| 31        | 15.003      | 2170          | 2176        | 2178         | rBV2     | 29689          | 54303         | 5.26%           | 0.762%        |
| 32        | 15.277      | 2216          | 2221        | 2228         | rBV5     | 50429          | 120740        | 11.69%          | 1.695%        |
| 33        | 16.478      | 2413          | 2418        | 2424         | rVB3     | 142751         | 274810        | 26.61%          | 3.857%        |
| 34        | 16.600      | 2434          | 2438        | 2452         | rVB8     | 90502          | 276176        | 26.75%          | 3.876%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSVOA Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

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\_Y\METHODS\82Y052720S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 16.765 | 2461 | 2465 | 2472 | rVB3 | 127632 | 263260 | 25.49% | 3.695% |
|----|--------|------|------|------|------|--------|--------|--------|--------|

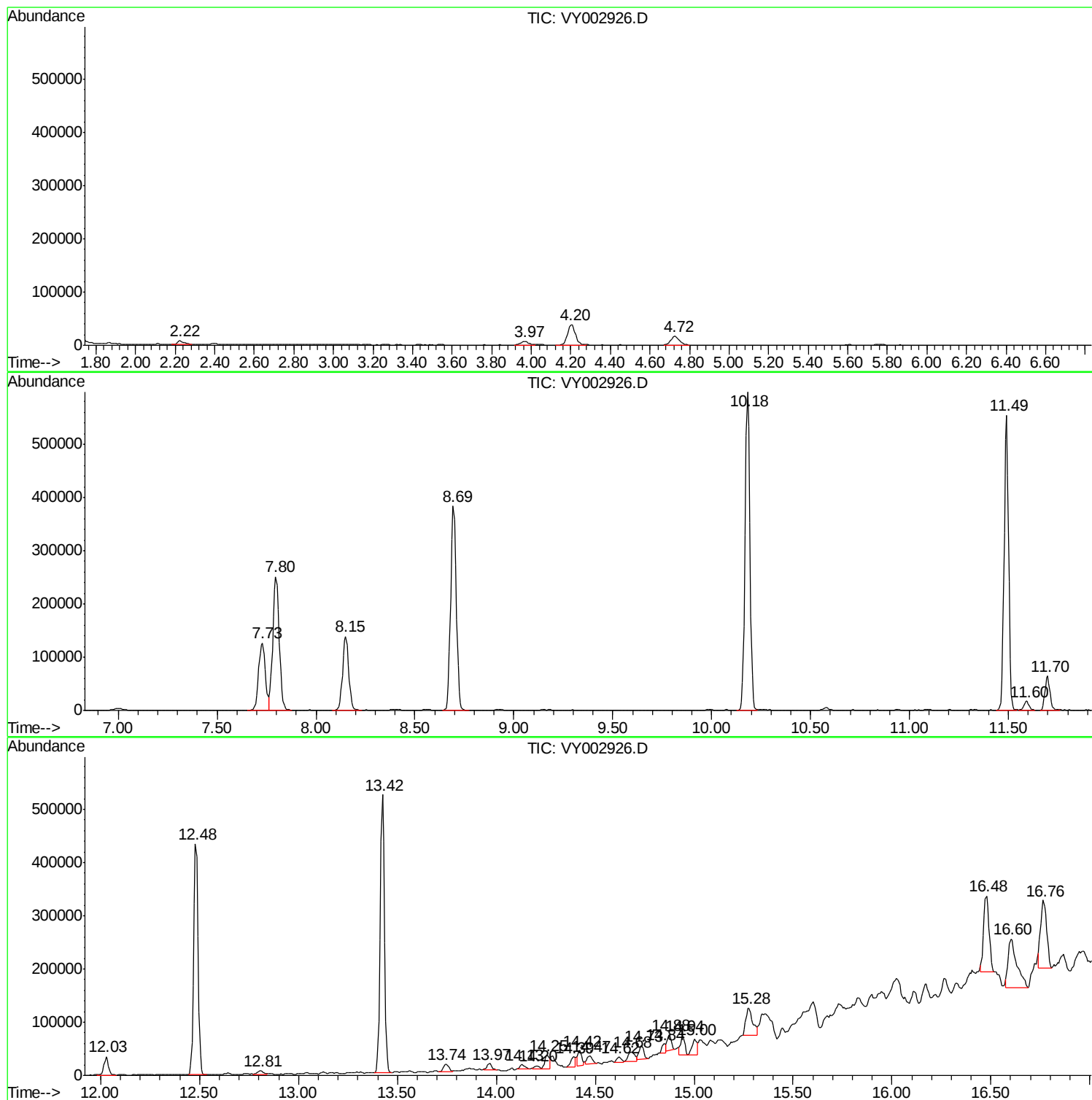
Sum of corrected areas: 7125394

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSVOA Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSVOA Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

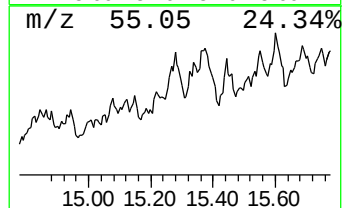
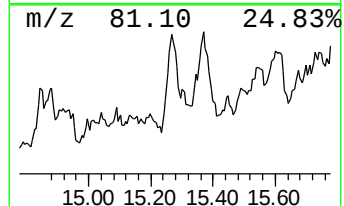
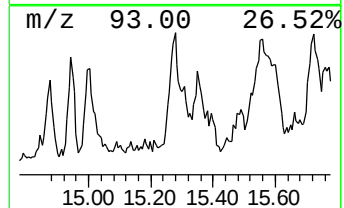
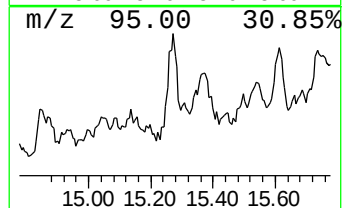
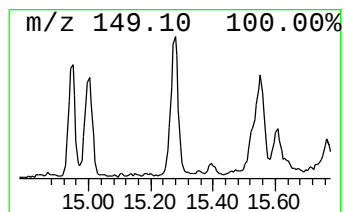
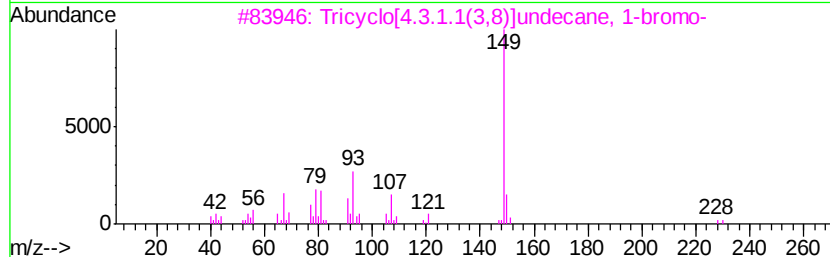
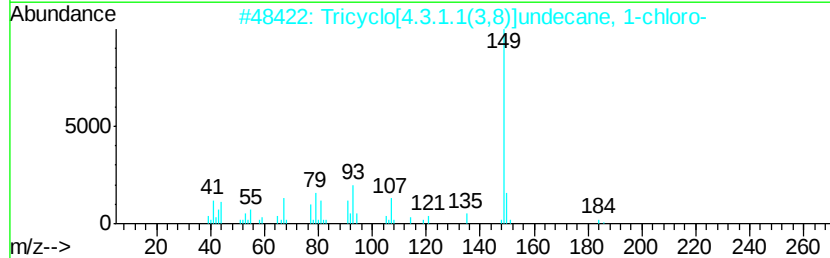
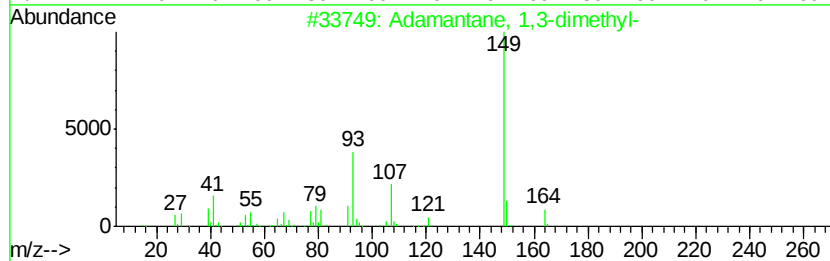
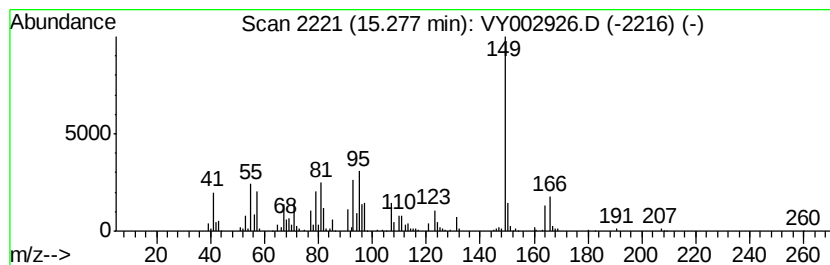
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 unknown15.28 Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 15.28 | 7.68 ug/l | 120740 | 1,4-Dichlorobenzene-d4 | 13.42 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Adamantane, 1,3-dimethyl-           | 164 | C12H20   | 000702-79-4 | 49   |
| 2    |    |   | Tricyclo[4.3.1.1(3,8)]undecane, ... | 184 | C11H17Cl | 027011-46-7 | 47   |
| 3    |    |   | Tricyclo[4.3.1.1(3,8)]undecane, ... | 228 | C11H17Br | 021898-96-4 | 47   |
| 4    |    |   | 1,4-Dimethyladamantane              | 164 | C12H20   | 024145-88-8 | 46   |
| 5    |    |   | 1,4-Dimethyladamantane              | 164 | C12H20   | 024145-89-9 | 46   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSVOA Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

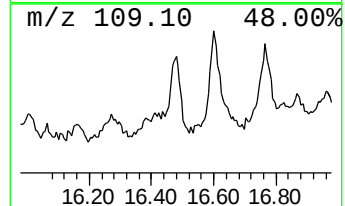
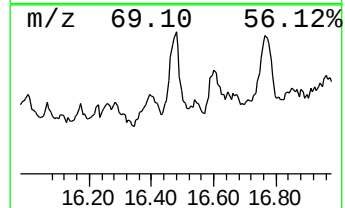
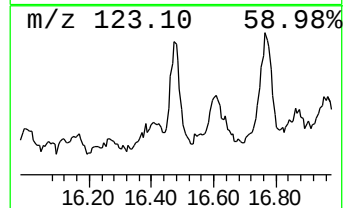
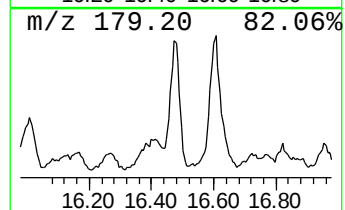
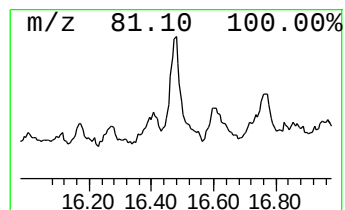
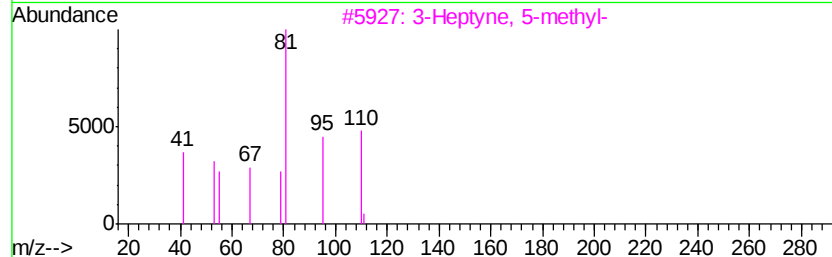
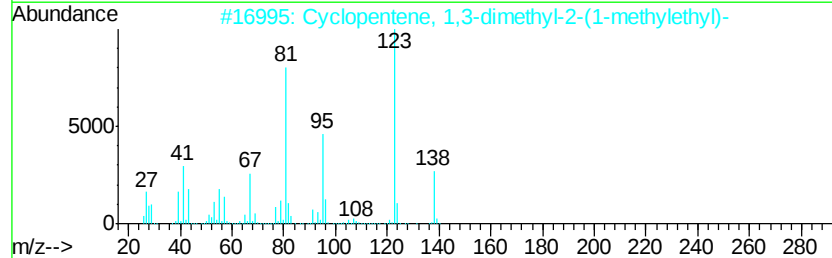
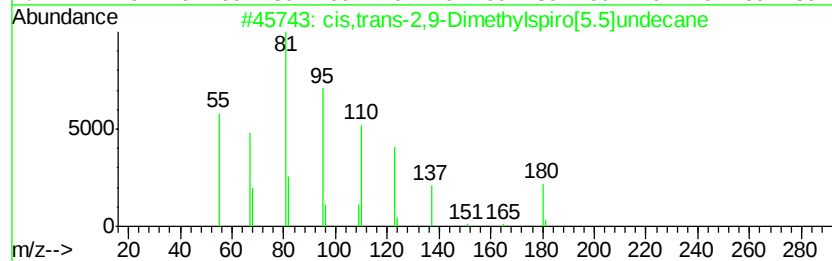
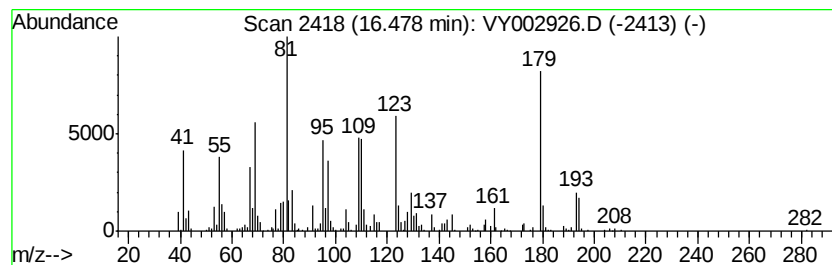
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 unknown16.48 Concentration Rank 2

| R.T.    | EstConc    | Area                                          | Relative to ISTD       | R.T.           |
|---------|------------|-----------------------------------------------|------------------------|----------------|
| 16.48   | 17.48 ug/l | 274810                                        | 1,4-Dichlorobenzene-d4 | 13.42          |
| Hit# of | 5          | Tentative ID                                  | MW MolForm             | CAS# Qual      |
| 1       |            | cis,trans-2,9-Dimethylspiro[5.5]undecane      | 180 C13H24             | 095530-74-8 35 |
| 2       |            | Cyclopentene, 1,3-dimethyl-2-(1-methylethyl)- | 138 C10H18             | 061142-32-3 30 |
| 3       |            | 3-Heptyne, 5-methyl-                          | 110 C8H14              | 061228-09-9 27 |
| 4       |            | Bicyclo[2.2.1]heptane, 1,3,3-trimethyl-       | 138 C10H18             | 006248-88-0 25 |
| 5       |            | Cyclohexene, 3-ethyl-                         | 110 C8H14              | 002808-71-1 18 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSVOA Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

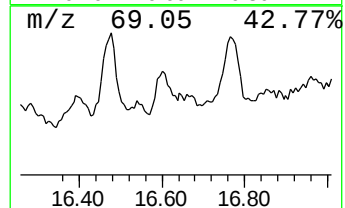
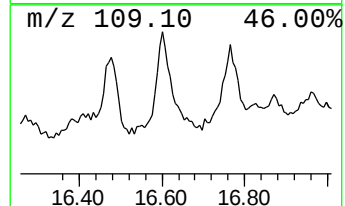
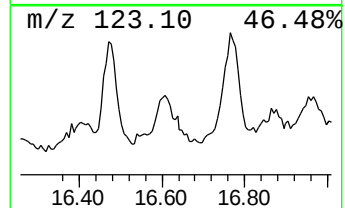
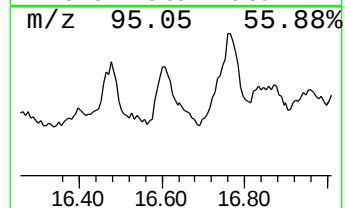
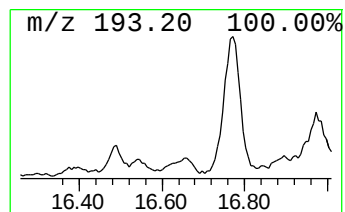
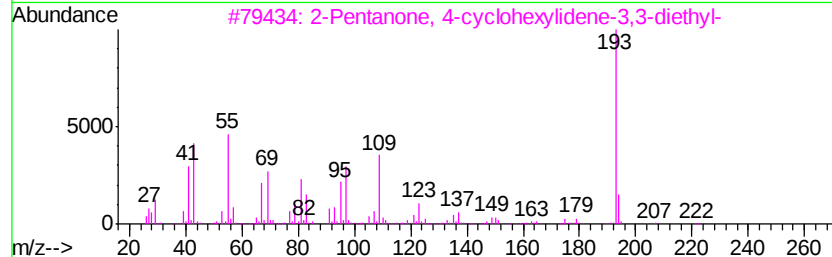
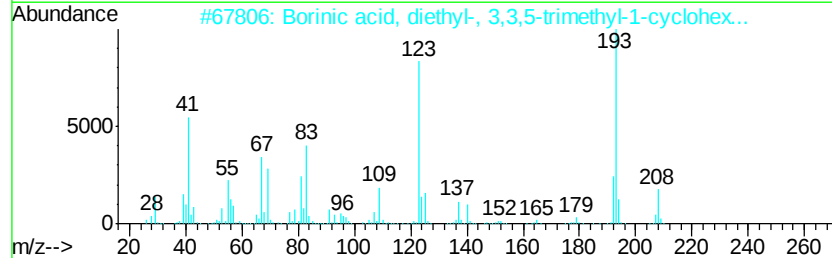
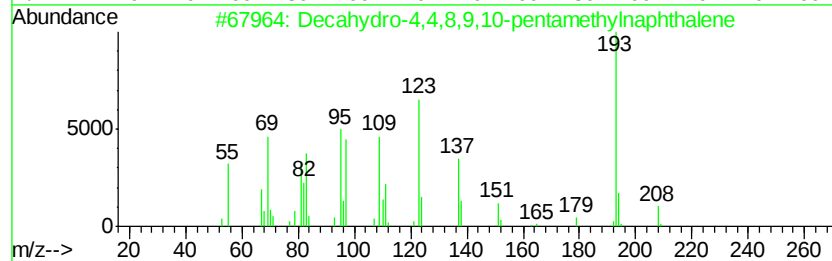
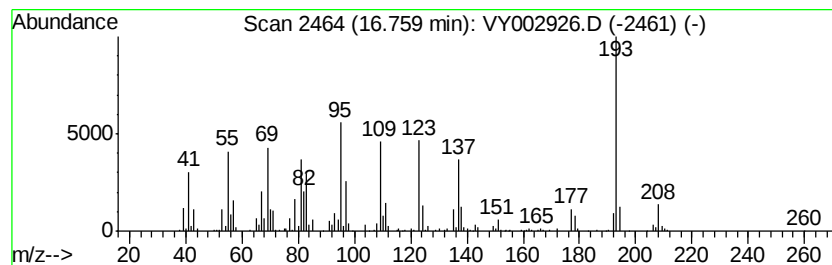
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

| R.T.    | EstConc                             | Area          | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|---------------|------------------------|-----------|
| 16.76   | 16.74 ug/l                          | 263260        | 1,4-Dichlorobenzene-d4 | 13.42     |
| Hit# of | 5                                   | Tentative ID  | MW MolForm             | CAS# Qual |
| 1       | Decahydro-4,4,8,9,10-pentamethyl... | 208 C15H28    | 080655-44-3            | 87        |
| 2       | Borinic acid, diethyl-, 3,3,5-tr... | 208 C13H25BO  | 057387-76-5            | 43        |
| 3       | 2-Pentanone, 4-cyclohexylidene-3... | 222 C15H26O   | 313253-65-5            | 38        |
| 4       | Arsenous acid, tripropyl ester      | 252 C9H21AsO3 | 015606-91-4            | 35        |
| 5       | 2-Anthracenamine                    | 193 C14H11N   | 000613-13-8            | 27        |



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_Y\DATA\VY061820\  
Data File : VY002926.D  
Acq On : 18 Jun 2020 17:59  
Operator : SY/MD  
Sample : L3034-01  
Misc : 7.18G/5ML/MSV0A\_Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSV0A\_Y  
ClientSampleId :  
TP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_Y\METHODS\82Y052720S.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 |
| unknown15.28         | 15.28 | 7.7     | ug/l  | 120740   | 4                     | 13.42 | 786235 | 50.0 |
| unknown16.48         | 16.48 | 17.5    | ug/l  | 274810   | 4                     | 13.42 | 786235 | 50.0 |
| Decahydro-4,4,8,9... | 16.76 | 16.7    | ug/l  | 263260   | 4                     | 13.42 | 786235 | 50.0 |