

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
 Data File : VD060686.D  
 Acq On : 21 Dec 2018 16:18  
 Operator : VA/AP  
 Sample : J6482-01  
 Misc : 5.10g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 R20-OS

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\_D\METHOD\82D122018S.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         | 1.444       | 13            | 22          | 48           | rBV      | 1086681        | 4875258       | 100.00%         | 23.242%       |
| 2         | 3.747       | 252           | 256         | 265          | rVB      | 67598          | 178291        | 3.66%           | 0.850%        |
| 3         | 5.676       | 447           | 452         | 461          | rBV2     | 18614          | 61106         | 1.25%           | 0.291%        |
| 4         | 6.355       | 515           | 521         | 525          | rBV      | 519639         | 1331275       | 27.31%          | 6.347%        |
| 5         | 6.444       | 525           | 530         | 546          | rVV      | 833982         | 2297362       | 47.12%          | 10.952%       |
| 6         | 6.650       | 546           | 551         | 557          | rVB      | 46413          | 123403        | 2.53%           | 0.588%        |
| 7         | 6.817       | 562           | 568         | 578          | rBV      | 403080         | 990177        | 20.31%          | 4.721%        |
| 8         | 7.300       | 611           | 617         | 625          | rVB      | 65434          | 160718        | 3.30%           | 0.766%        |
| 9         | 7.477       | 629           | 635         | 650          | rBV      | 1184014        | 2770560       | 56.83%          | 13.208%       |
| 10        | 9.484       | 834           | 839         | 846          | rVV      | 812462         | 1763342       | 36.17%          | 8.406%        |
| 11        | 9.583       | 846           | 849         | 853          | rVB      | 29947          | 59332         | 1.22%           | 0.283%        |
| 12        | 11.305      | 1020          | 1024        | 1032         | rVV      | 1150867        | 1830279       | 37.54%          | 8.726%        |
| 13        | 11.580      | 1049          | 1052        | 1057         | rBV      | 52531          | 110229        | 2.26%           | 0.526%        |
| 14        | 11.954      | 1087          | 1090        | 1095         | rVB      | 61419          | 88845         | 1.82%           | 0.424%        |
| 15        | 12.446      | 1137          | 1140        | 1148         | rBV      | 637884         | 855429        | 17.55%          | 4.078%        |
| 16        | 13.391      | 1233          | 1236        | 1241         | rBV      | 911119         | 1103950       | 22.64%          | 5.263%        |
| 17        | 14.562      | 1353          | 1355        | 1358         | rVB3     | 33812          | 49105         | 1.01%           | 0.234%        |
| 18        | 14.670      | 1363          | 1366        | 1371         | rBV4     | 70186          | 150143        | 3.08%           | 0.716%        |
| 19        | 14.749      | 1371          | 1374        | 1377         | rBV4     | 46346          | 93181         | 1.91%           | 0.444%        |
| 20        | 14.907      | 1387          | 1390        | 1394         | rBV4     | 66584          | 140043        | 2.87%           | 0.668%        |
| 21        | 15.005      | 1397          | 1400        | 1402         | rBV3     | 99990          | 152566        | 3.13%           | 0.727%        |
| 22        | 15.044      | 1402          | 1404        | 1405         | rBV2     | 65979          | 84329         | 1.73%           | 0.402%        |
| 23        | 15.074      | 1405          | 1407        | 1408         | rBV2     | 53123          | 68400         | 1.40%           | 0.326%        |
| 24        | 15.153      | 1413          | 1415        | 1416         | rBV      | 82320          | 109253        | 2.24%           | 0.521%        |
| 25        | 15.241      | 1421          | 1424        | 1425         | rBV3     | 55322          | 89512         | 1.84%           | 0.427%        |
| 26        | 15.281      | 1425          | 1428        | 1431         | rVV4     | 80938          | 166058        | 3.41%           | 0.792%        |
| 27        | 15.379      | 1433          | 1438        | 1442         | rVV6     | 96405          | 279122        | 5.73%           | 1.331%        |
| 28        | 15.595      | 1458          | 1460        | 1463         | rVB2     | 123700         | 181497        | 3.72%           | 0.865%        |
| 29        | 15.645      | 1463          | 1465        | 1469         | rVB4     | 71774          | 133363        | 2.74%           | 0.636%        |
| 30        | 15.704      | 1469          | 1471        | 1473         | rBV3     | 54731          | 73495         | 1.51%           | 0.350%        |
| 31        | 15.861      | 1485          | 1487        | 1489         | rBV2     | 58371          | 97238         | 1.99%           | 0.464%        |
| 32        | 15.920      | 1491          | 1493        | 1495         | rVV2     | 57719          | 83740         | 1.72%           | 0.399%        |
| 33        | 16.107      | 1509          | 1512        | 1517         | rVB6     | 70987          | 170195        | 3.49%           | 0.811%        |
| 34        | 16.402      | 1540          | 1542        | 1551         | rVB8     | 55654          | 138931        | 2.85%           | 0.662%        |

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Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

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\82D122018S.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 35 | 16.619 | 1562 | 1564 | 1570 | rVB6 | 47473 | 116213 | 2.38% | 0.554% |
|----|--------|------|------|------|------|-------|--------|-------|--------|

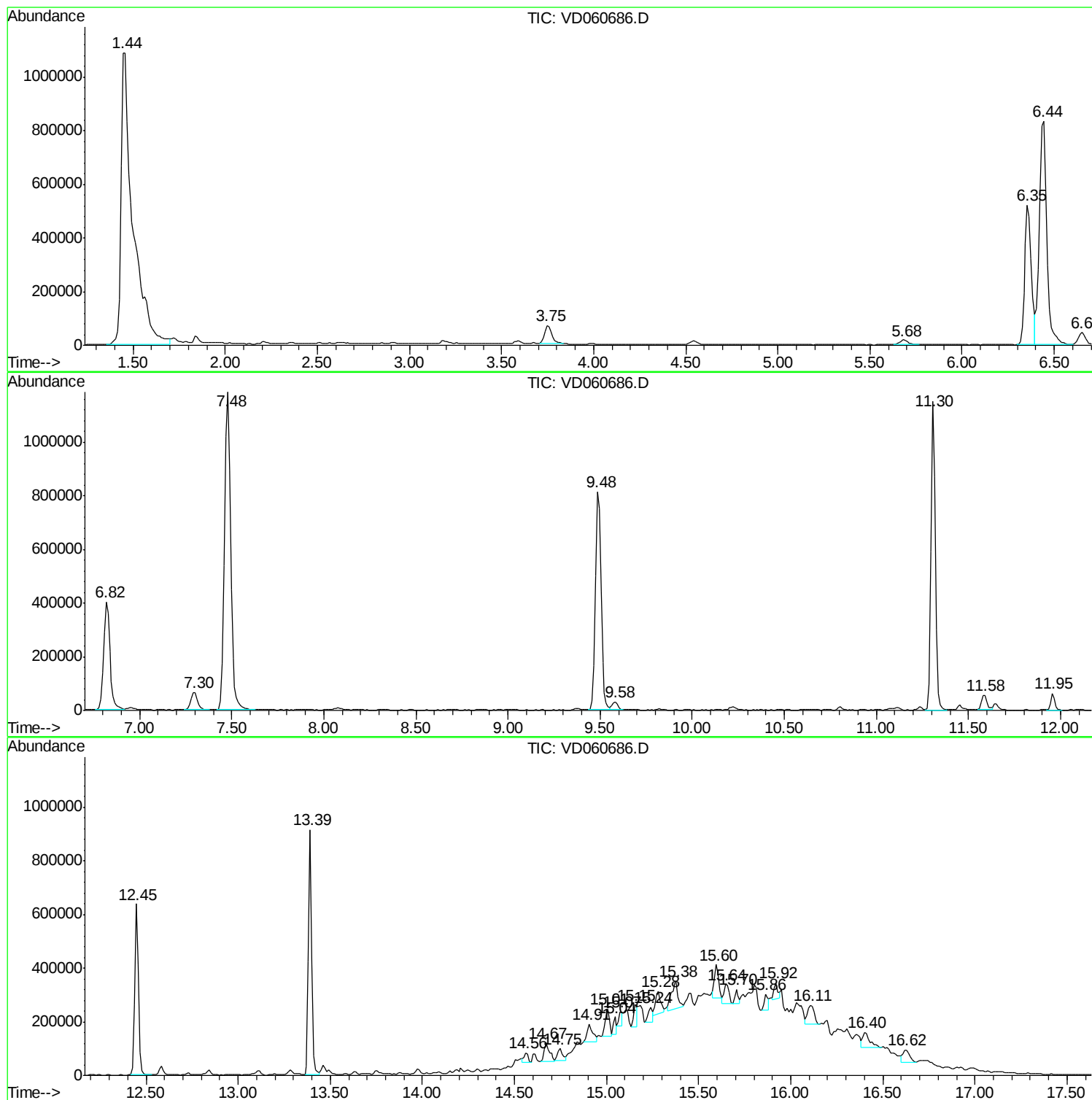
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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_D\DATA\VD122118\  
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Instrument :  
MSV0A\_D  
ClientSampled :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

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



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Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

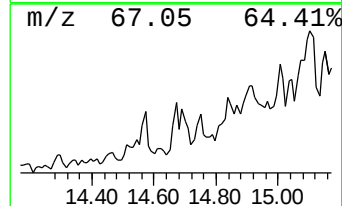
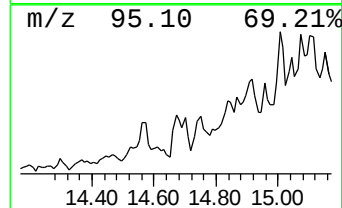
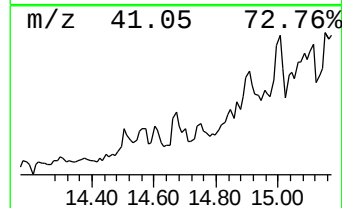
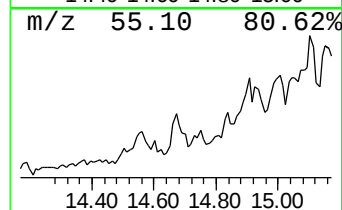
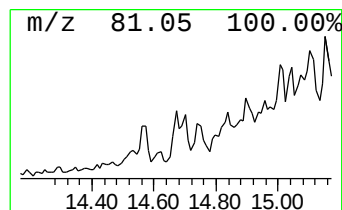
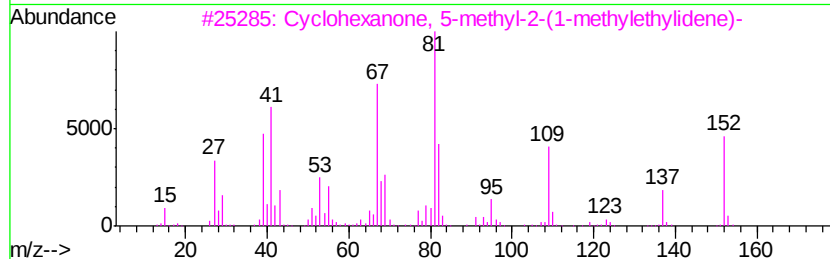
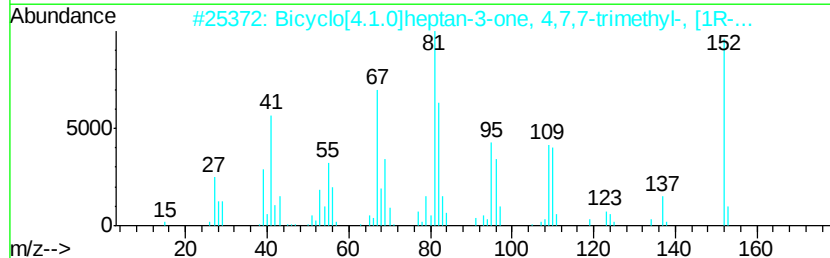
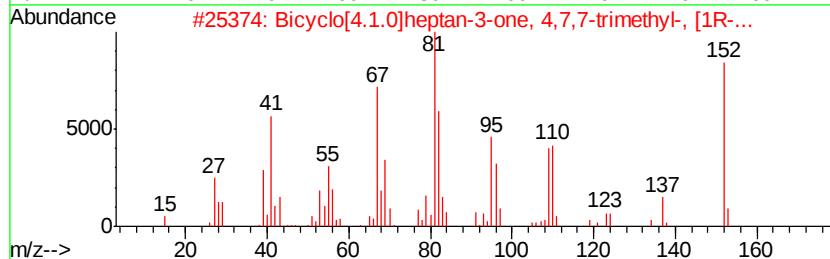
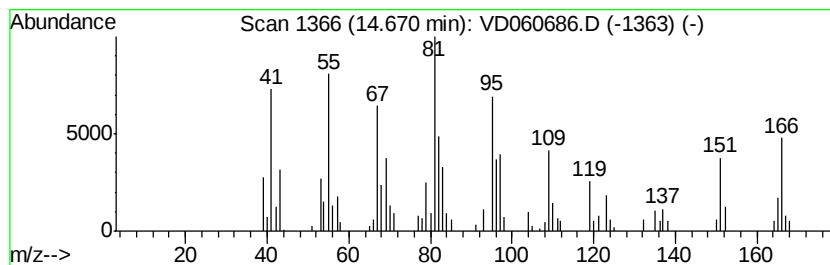
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Bicyclo[4.1.0]heptan-3-one,... Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.67 | 6.80 ug/l | 150143 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-04-9 | 62   |
| 2    |    | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-01-6 | 58   |
| 3    |    | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 55   |
| 4    |    | 2(1H)-Naphthalenone, octahydro-8... | 166 | C11H18O | 001197-95-1 | 53   |
| 5    |    | 9-Octadecyne                        | 250 | C18H34  | 035365-59-4 | 52   |



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ALS Vial : 13 Sample Multiplier: 1

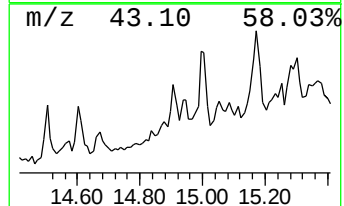
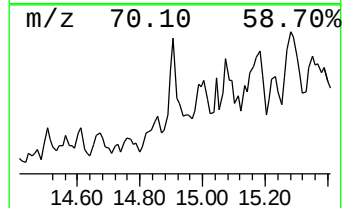
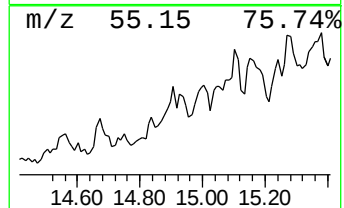
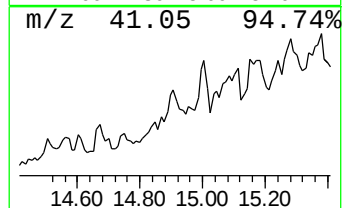
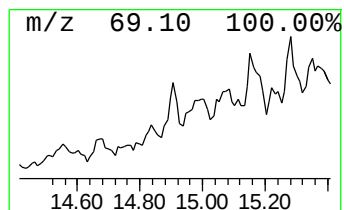
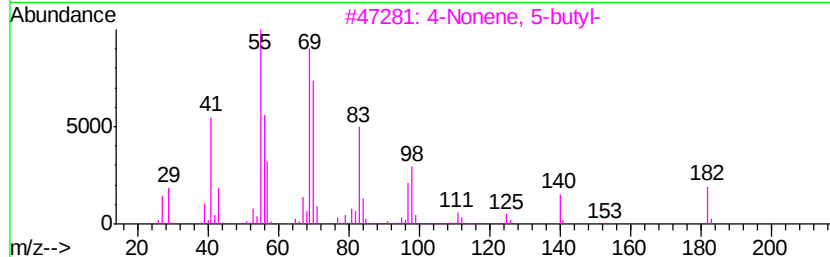
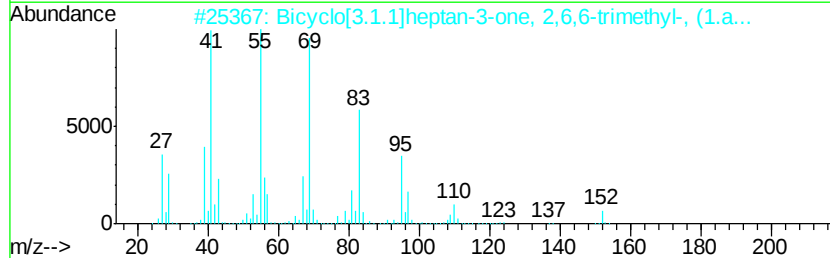
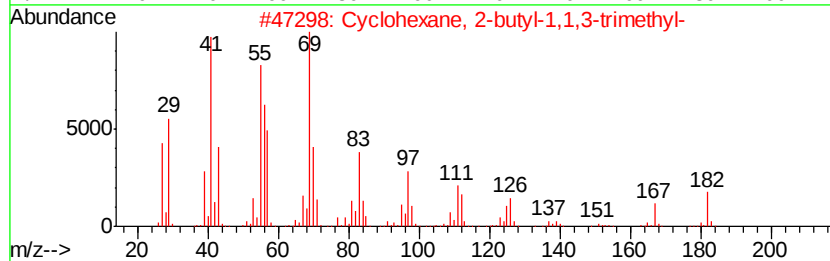
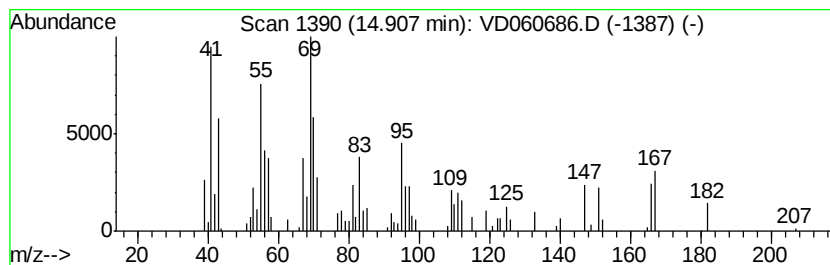
Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 7

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.           |
|---------|-----------|-------------------------------------|------------------------|----------------|
| 14.91   | 6.34 ug/l | 140043                              | 1,4-Dichlorobenzene-d4 | 13.39          |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |           | Cyclohexane, 2-butyl-1,1,3-trime... | 182 C13H26             | 054676-39-0 66 |
| 2       |           | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 C10H16O            | 015358-88-0 43 |
| 3       |           | 4-Nonene, 5-butyl-                  | 182 C13H26             | 007367-38-6 38 |
| 4       |           | Cyclopropane carboxamide, 2-cycl... | 207 C13H21NO           | 331416-19-4 38 |
| 5       |           | 2-Propen-1-one, 1-cyclopropyl-      | 96 C6H8O               | 059819-62-4 30 |



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Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

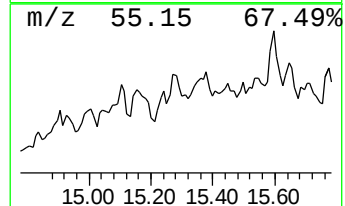
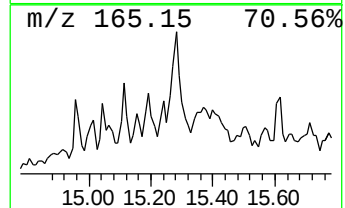
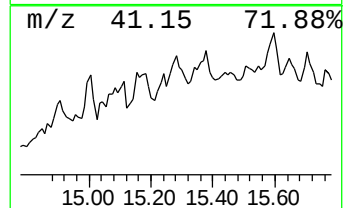
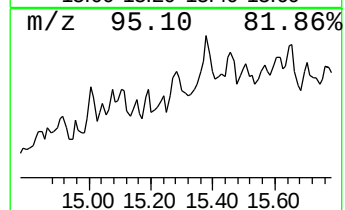
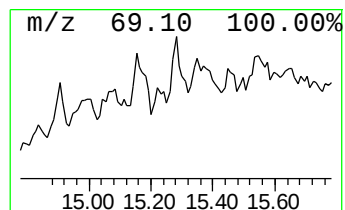
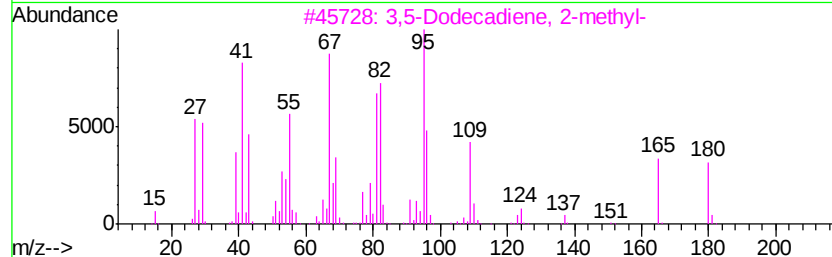
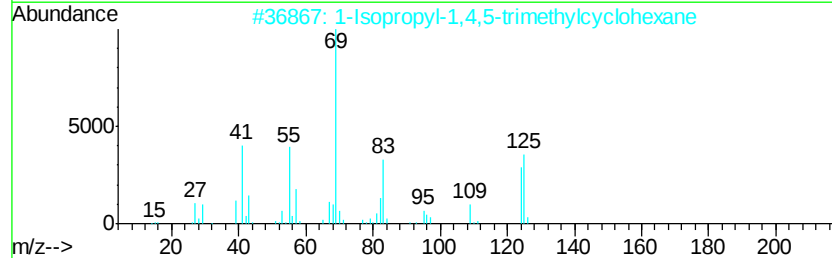
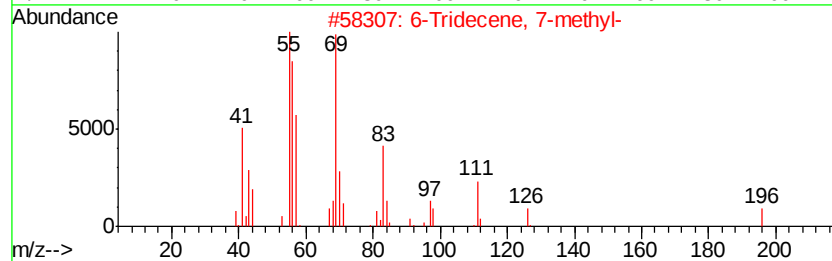
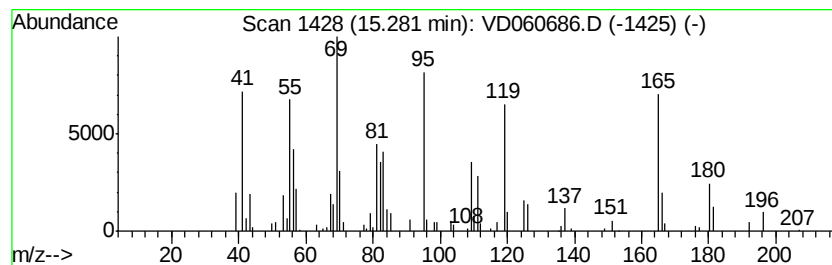
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown15.28 Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 15.28 | 7.52 ug/l | 166058 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 6-Tridecene, 7-methyl-              |   |              | 196 | C14H28  | 024949-42-6 | 42   |
| 2    | 1-Isopropyl-1,4,5-trimethylcyclo... |   |              | 168 | C12H24  | 219783-06-9 | 22   |
| 3    | 3,5-Dodecadiene, 2-methyl-          |   |              | 180 | C13H24  | 055638-51-2 | 22   |
| 4    | Cyclopropane, 1,1-dimethyl-2-nonyl- |   |              | 196 | C14H28  | 041977-38-2 | 18   |
| 5    | 2,2-Dimethyl-3-heptene trans        |   |              | 126 | C9H18   | 019550-75-5 | 14   |



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ALS Vial : 13 Sample Multiplier: 1

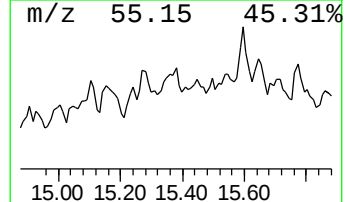
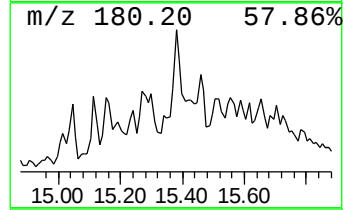
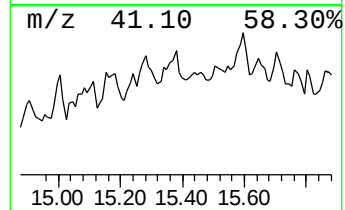
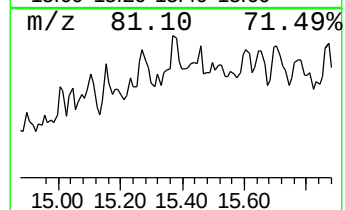
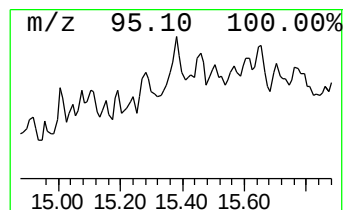
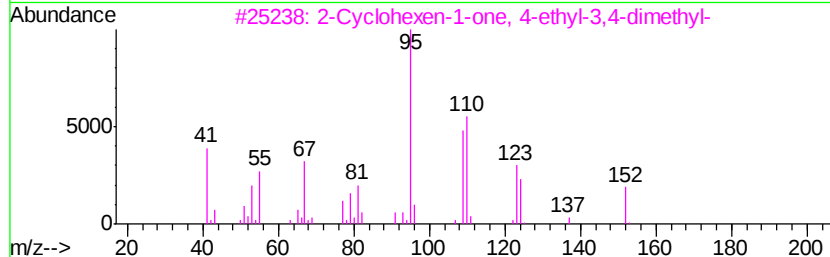
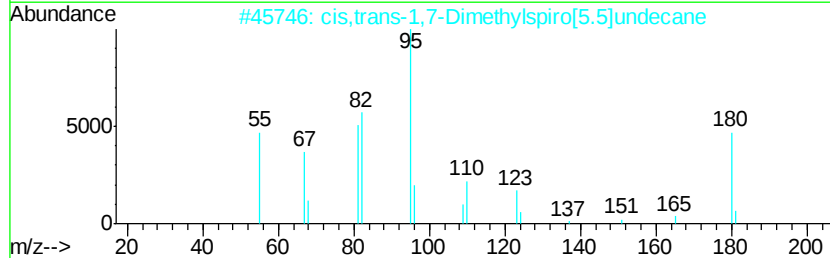
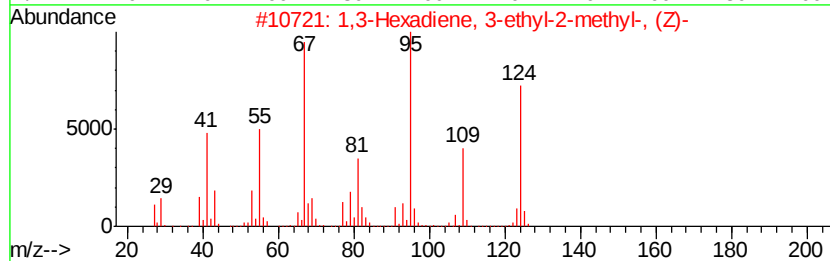
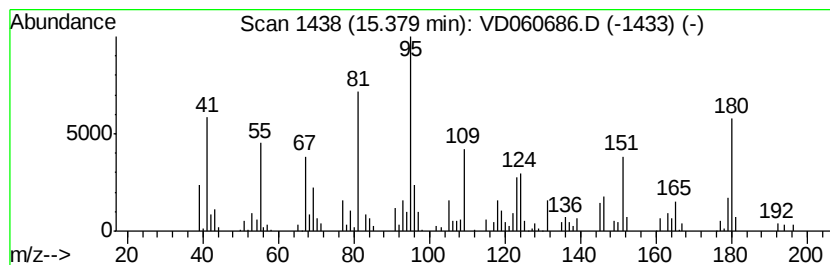
Instrument :  
MSVOA\_D  
ClientSampleID :  
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 1,3-Hexadiene, 3-ethyl-2-me... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 15.38   | 12.64 ug/l                          | 279122       | 1,4-Dichlorobenzene-d4 | 13.39     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1,3-Hexadiene, 3-ethyl-2-methyl-... | 124 C9H16    | 074752-97-9            | 53        |
| 2       | cis,trans-1,7-Dimethylspiro[5.5]... | 180 C13H24   | 1000111-73-1           | 52        |
| 3       | 2-Cyclohexen-1-one, 4-ethyl-3,4-... | 152 C10H16O  | 017622-46-7            | 50        |
| 4       | cis,cis-1,9-Dimethylspiro[5.5]un... | 180 C13H24   | 1000111-73-4           | 46        |
| 5       | trans,trans- and trans,cis-1,8-D... | 180 C13H24   | 1000111-73-2           | 43        |



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MSVOA\_D  
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R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

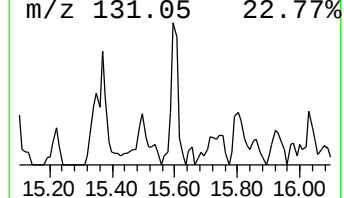
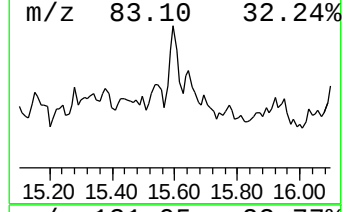
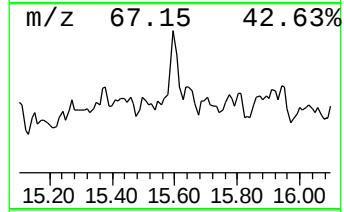
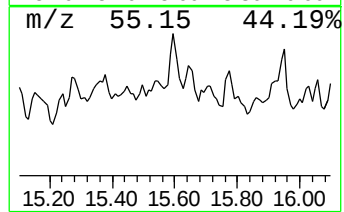
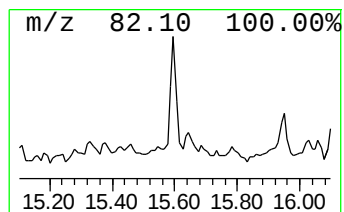
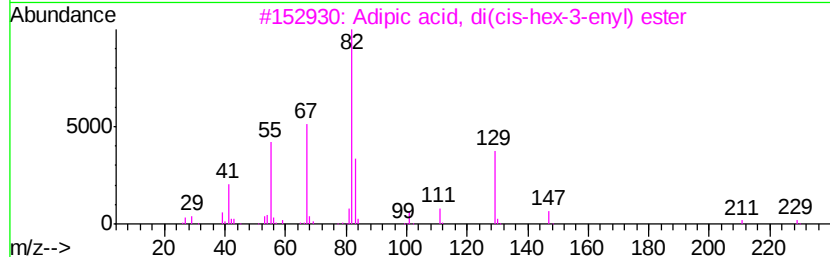
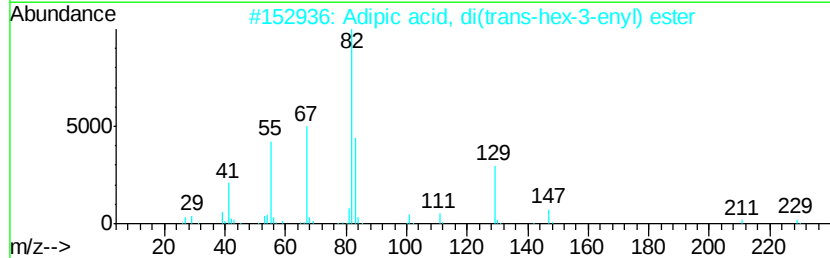
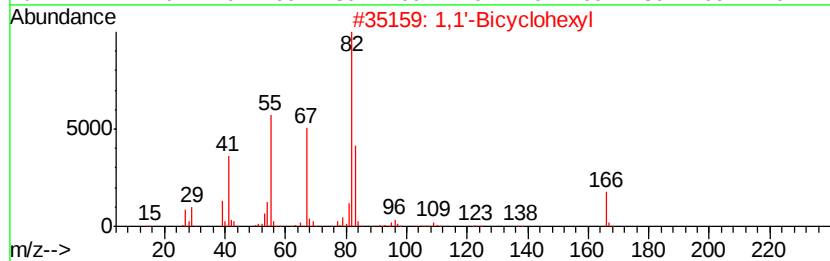
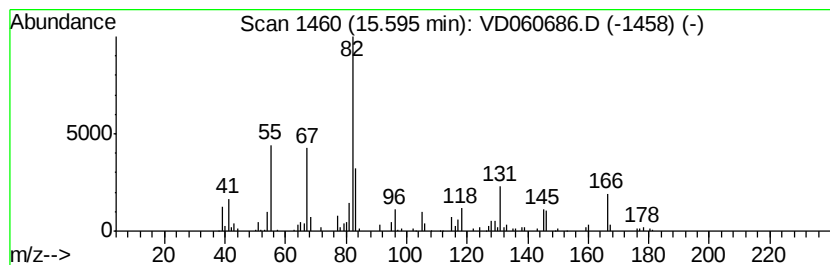
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1,1'-Bicyclohexyl Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 15.60 | 8.22 ug/l | 181497 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1,1'-Bicyclohexyl                    | 166 | C12H22   | 000092-51-3  | 64   |
| 2    |    | Adipic acid, di(trans-hex-3-enyl)... | 310 | C18H30O4 | 1000354-02-3 | 47   |
| 3    |    | Adipic acid, di(cis-hex-3-enyl) ...  | 310 | C18H30O4 | 1000353-98-7 | 47   |
| 4    |    | 1-Cyclohexylethanol                  | 128 | C8H16O   | 001193-81-3  | 38   |
| 5    |    | Cyclohexanone, 2,2,5,5-tetrameth...  | 166 | C11H18O  | 035505-97-6  | 37   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
Data File : VD060686.D  
Acq On : 21 Dec 2018 16:18  
Operator : VA/AP  
Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

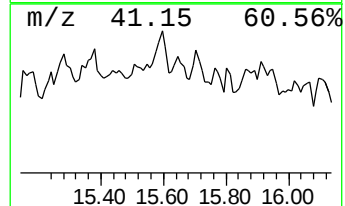
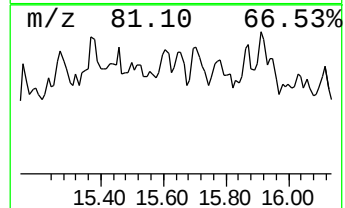
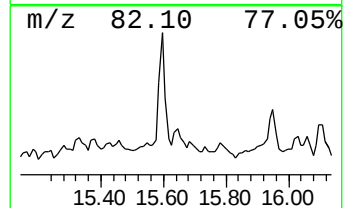
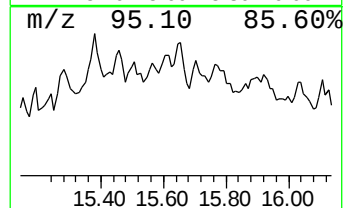
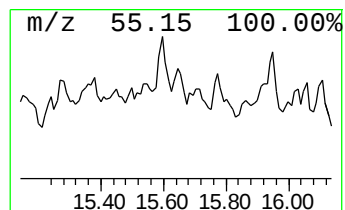
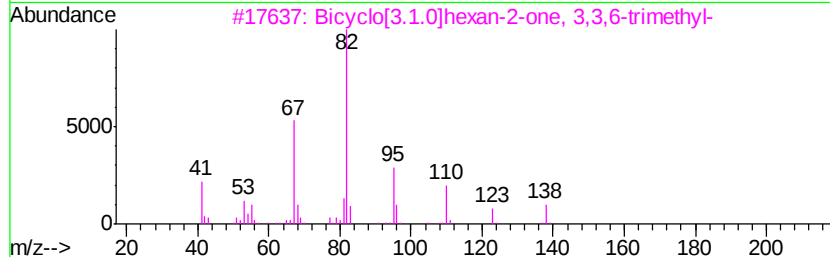
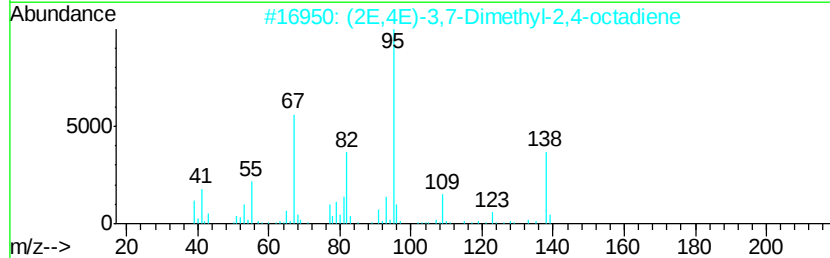
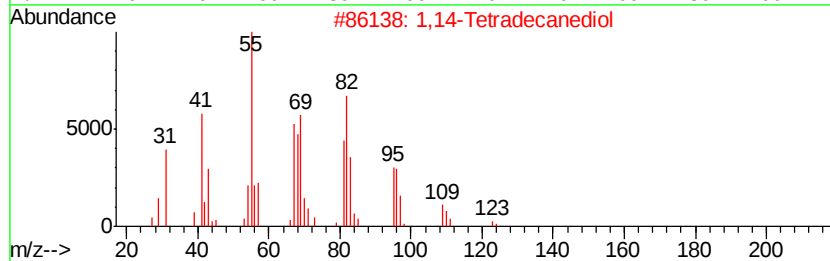
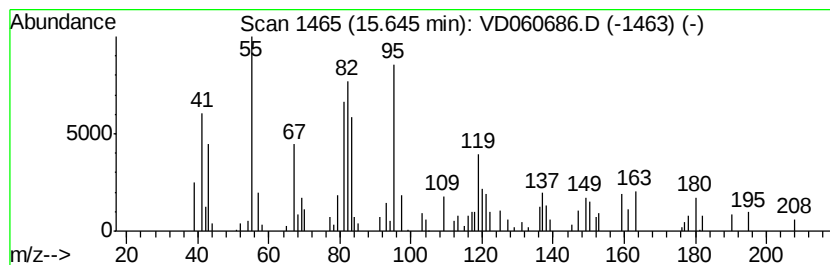
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown15.64 Concentration Rank 9

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 15.64 | 6.04 ug/l | 133363 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1,14-Tetradecanediol                | 230 | C14H30O2 | 019812-64-7  | 35   |
| 2    |    | (2E,4E)-3,7-Dimethyl-2,4-octadiene  | 138 | C10H18   | 1000374-08-2 | 27   |
| 3    |    | Bicyclo[3.1.0]hexan-2-one, 3,3,6... | 138 | C9H14O   | 053966-40-8  | 27   |
| 4    |    | Cyclopentane, 1-methyl-3-(2-meth... | 138 | C10H18   | 075873-01-7  | 25   |
| 5    |    | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18   | 000554-59-6  | 25   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
Data File : VD060686.D  
Acq On : 21 Dec 2018 16:18  
Operator : VA/AP  
Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

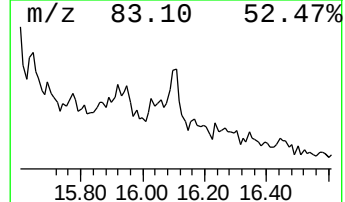
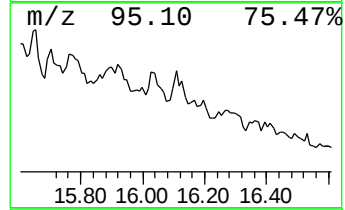
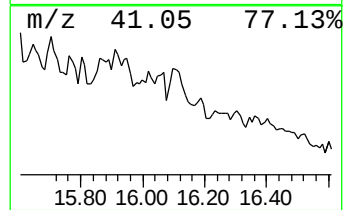
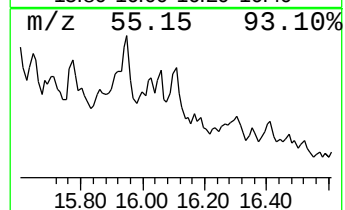
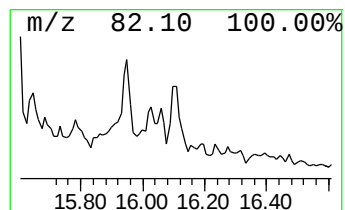
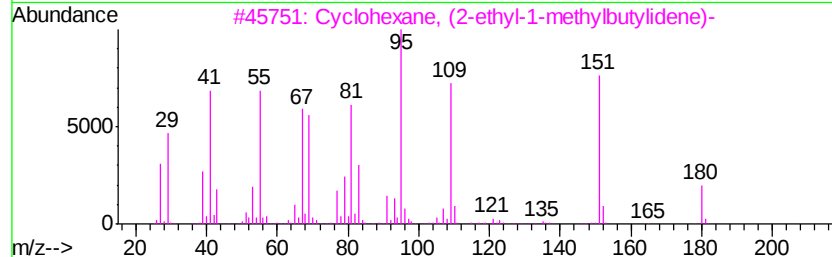
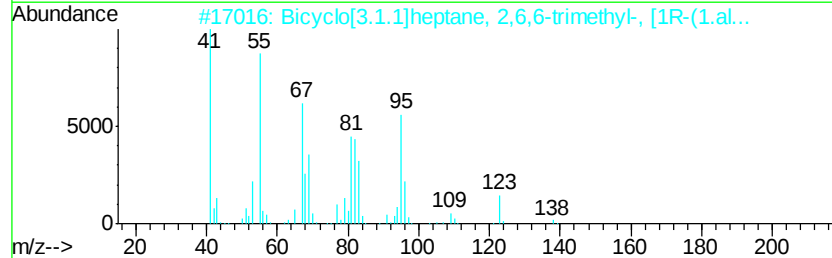
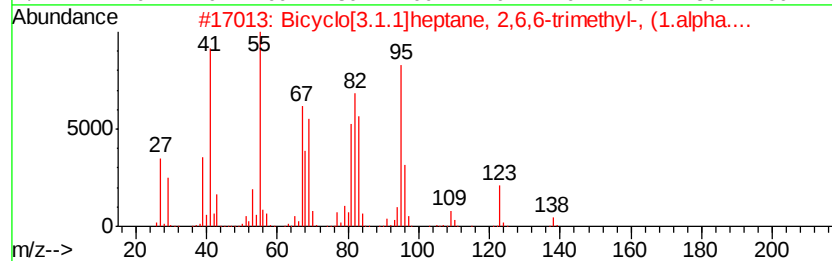
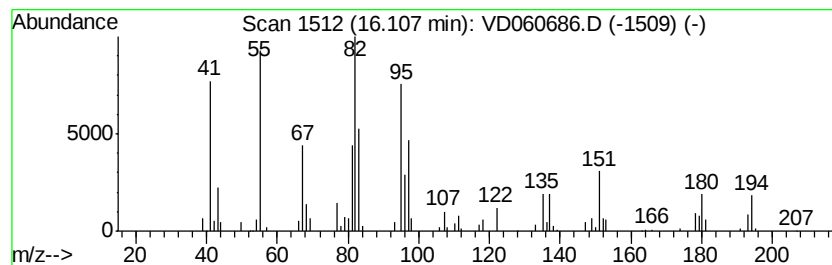
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown16.11 Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.11 | 7.71 ug/l | 170195 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18  | 006876-13-7 | 49   |
| 2    |    | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18  | 004795-86-2 | 38   |
| 3    |    | Cyclohexane, (2-ethyl-1-methylbu... | 180 | C13H24  | 074810-41-6 | 27   |
| 4    |    | Norbornane, 2-isobutyl-             | 152 | C11H20  | 018127-14-5 | 27   |
| 5    |    | 5,5-Dimethyl-1,3-hexadiene          | 110 | C8H14   | 001515-79-3 | 22   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
Data File : VD060686.D  
Acq On : 21 Dec 2018 16:18  
Operator : VA/AP  
Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

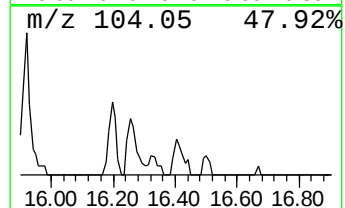
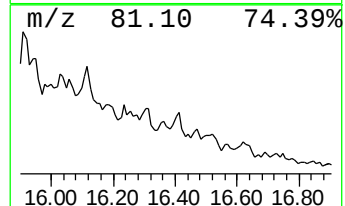
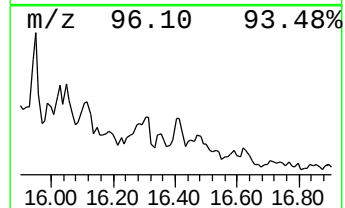
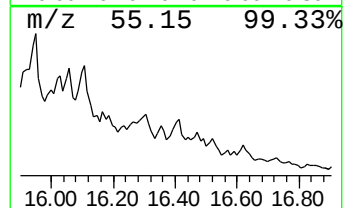
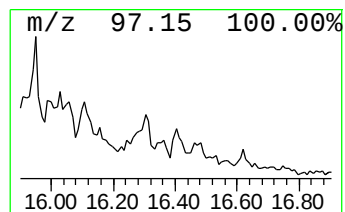
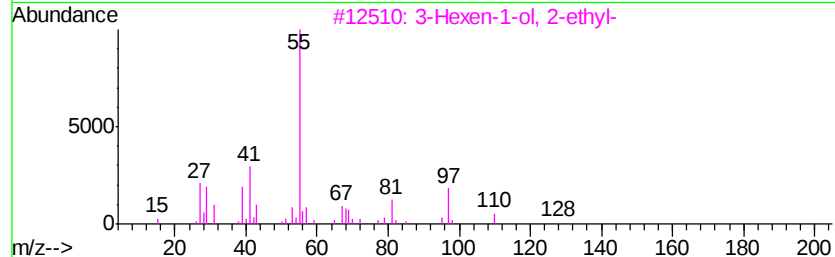
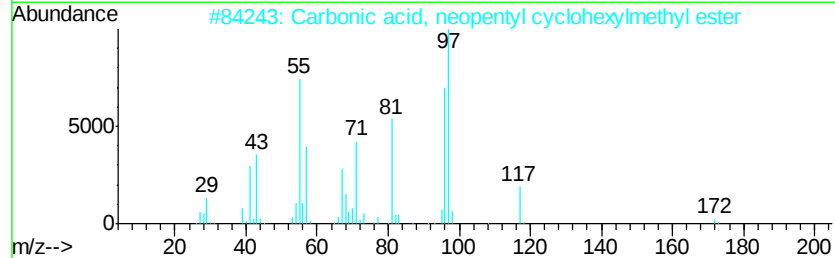
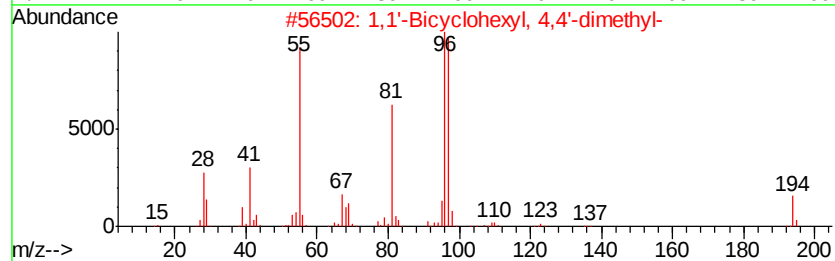
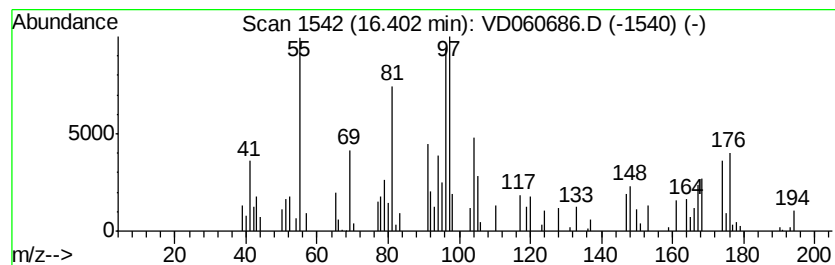
Instrument :  
MSVOA\_D  
ClientSampled :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

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

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Peak Number 9 unknown16.40 Concentration Rank 8

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 16.40     | 6.29 ug/l                           | 138931 | 1,4-Dichlorobenzene-d4 | 13.39        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | 1,1'-Bicyclohexyl, 4,4'-dimethyl-   | 194    | C14H26                 | 054823-99-3  | 43   |
| 2         | Carbonic acid, neopentyl cyclohe... | 228    | C13H24O3               | 1000357-85-8 | 37   |
| 3         | 3-Hexen-1-ol, 2-ethyl-              | 128    | C8H16O                 | 053907-73-6  | 22   |
| 4         | Tricyclo[4.3.1.1(2,5)]undec-3-en... | 176    | C12H16O                | 078595-98-9  | 14   |
| 5         | Tricyclo[4.3.1.1(2,5)]undec-3-en... | 176    | C12H16O                | 078595-99-0  | 14   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
Data File : VD060686.D  
Acq On : 21 Dec 2018 16:18  
Operator : VA/AP  
Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

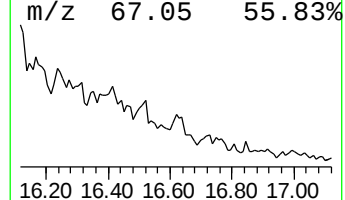
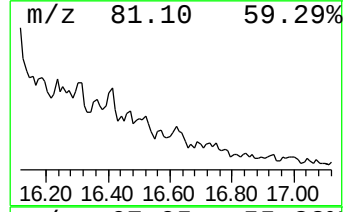
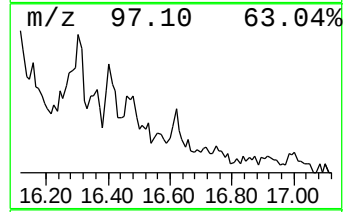
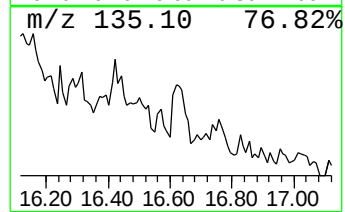
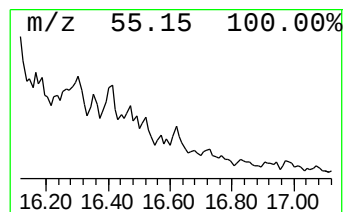
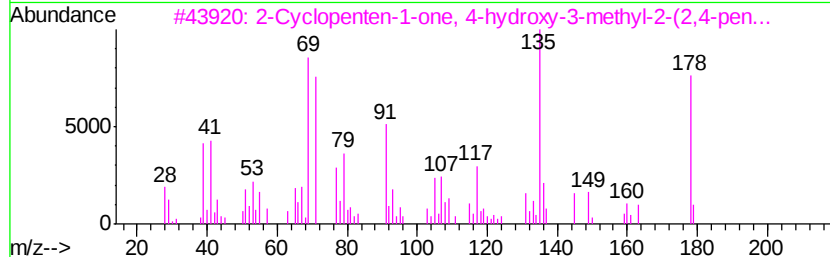
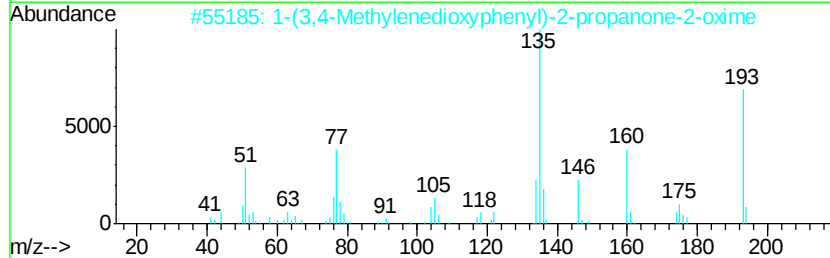
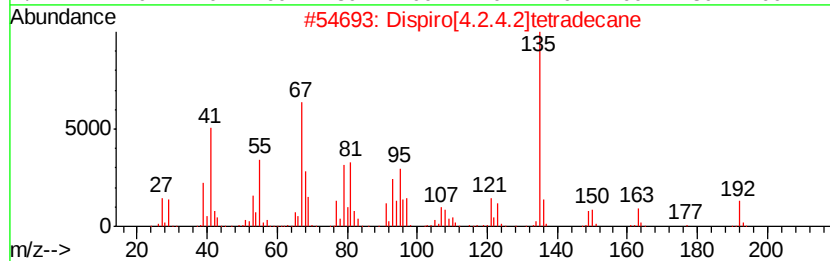
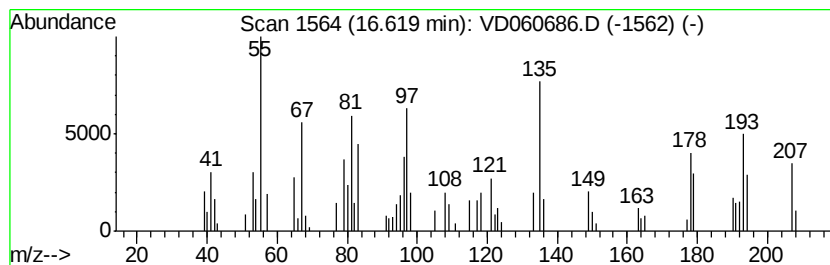
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown16.62 Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.62 | 5.26 ug/l | 116213 | 1,4-Dichlorobenzene-d4 | 13.39 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dispiro[4.2.4.2]tetradecane         | 192 | C14H24    | 079273-13-5  | 35   |
| 2    |    |   | 1-(3,4-Methylenedioxyphenyl)-2-p... | 193 | C10H11NO3 | 052271-42-8  | 30   |
| 3    |    |   | 2-Cyclopenten-1-one, 4-hydroxy-3... | 178 | C11H14O2  | 000487-67-2  | 30   |
| 4    |    |   | Anthracene, tetradecahydro-, (4a... | 192 | C14H24    | 019128-78-0  | 25   |
| 5    |    |   | 1-(2,3-Dihydro-benzo[1,4]dioxin-... | 178 | C10H10O3  | 1000318-48-7 | 22   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
Data File : VD060686.D  
Acq On : 21 Dec 2018 16:18  
Operator : VA/AP  
Sample : J6482-01  
Misc : 5.10g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R20-OS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.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 |
| Bicyclo[4.1.0]hep... | 14.67 | 6.8     | ug/l  | 150143   | 4                     | 13.39 | 1103950 | 50.0 |
| Cyclohexane, 2-bu... | 14.91 | 6.3     | ug/l  | 140043   | 4                     | 13.39 | 1103950 | 50.0 |
| unknown15.28         | 15.28 | 7.5     | ug/l  | 166058   | 4                     | 13.39 | 1103950 | 50.0 |
| 1,3-Hexadiene, 3-... | 15.38 | 12.6    | ug/l  | 279122   | 4                     | 13.39 | 1103950 | 50.0 |
| 1,1'-Bicyclohexyl    | 15.60 | 8.2     | ug/l  | 181497   | 4                     | 13.39 | 1103950 | 50.0 |
| unknown15.64         | 15.64 | 6.0     | ug/l  | 133363   | 4                     | 13.39 | 1103950 | 50.0 |
| unknown16.11         | 16.11 | 7.7     | ug/l  | 170195   | 4                     | 13.39 | 1103950 | 50.0 |
| unknown16.40         | 16.40 | 6.3     | ug/l  | 138931   | 4                     | 13.39 | 1103950 | 50.0 |
| unknown16.62         | 16.62 | 5.3     | ug/l  | 116213   | 4                     | 13.39 | 1103950 | 50.0 |