

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD123021\  
 Data File : VD071557.D  
 Acq On : 30 Dec 2021 18:59  
 Operator : VA/SY  
 Sample : M5337-09  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-1

Quant Time: Dec 31 06:57:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 23 08:20:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|--------|----------|
| -----                         |                |      |                      |           |        |          |
| Internal Standards            |                |      |                      |           |        |          |
| 1) Pentafluorobenzene         | 7.973          | 168  | 25167                | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.856          | 114  | 44047                | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.638         | 117  | 50714                | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.567         | 152  | 29618                | 50.000    | ug/l   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.326          | 65   | 22561                | 67.499    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = 135.000%  |           |        |          |
| 35) Dibromofluoromethane      | 7.914          | 113  | 13517                | 45.661    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = 91.320%   |           |        |          |
| 50) Toluene-d8                | 10.332         | 98   | 59438                | 53.131    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 49 - 140 |      | Recovery = 106.260%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.626         | 95   | 28648                | 72.065    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 25 - 144 |      | Recovery = 144.120%# |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        |          |
|                               |                |      |                      |           | Qvalue |          |
| 5) Bromomethane               | 2.779          | 94   | 571                  | 2.017     | ug/l   | 98       |
| 11) Tert butyl alcohol        | 5.203          | 59   | 178                  | Below Cal | #      | 71       |
| 13) Acrolein                  | 3.821          | 56   | 106                  | 6.565     | ug/l # | 13       |
| 16) Acetone                   | 4.173          | 43   | 1572                 | 18.725    | ug/l # | 40       |
| 20) Methylene Chloride        | 4.968          | 84   | 1487                 | Below Cal | #      | 68       |
| 25) 2-Butanone                | 7.197          | 43   | 286                  | 2.852     | ug/l # | 45       |
| 29) Tetrahydrofuran           | 7.544          | 42   | 84                   | 1.395     | ug/l # | 34       |
| 36) 1,1-Dichloropropene       | 7.979          | 75   | 2829                 | 5.982     | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 7.985          | 117  | 3108                 | 6.661     | ug/l # | 12       |
| 39) Methylcyclohexane         | 9.338          | 83   | 630                  | 1.138     | ug/l # | 69       |
| 41) Methacrylonitrile         | 7.520          | 41   | 680                  | 5.243     | ug/l # | 37       |
| 46) Dibromomethane            | 9.409          | 93   | 471                  | 2.584     | ug/l   | 89       |
| 48) Methyl methacrylate       | 9.467          | 41   | 346                  | 1.614     | ug/l # | 20       |
| 49) 1,4-Dioxane               | 9.685          | 88   | 55                   | 26.703    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.338         | 43   | 1255                 | 5.505     | ug/l   | 88       |
| 55) 1,1,2-Trichloroethane     | 10.791         | 97   | 842                  | 3.639     | ug/l # | 38       |
| 56) Ethyl methacrylate        | 10.638         | 69   | 940                  | 3.088     | ug/l # | 1        |
| 58) 2-Chloroethyl Vinyl ether | 9.750          | 63   | 304                  | 2.085     | ug/l   | 98       |
| 59) 2-Hexanone                | 11.208         | 43   | 775                  | 4.809     | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.132         | 129  | 329                  | 1.131     | ug/l   | 70       |
| 61) 1,2-Dibromoethane         | 11.267         | 107  | 801                  | 3.496     | ug/l   | 86       |
| 65) Chlorobenzene             | 11.679         | 112  | 2034                 | 1.955     | ug/l # | 42       |
| 66) 1,1,1,2-Tetrachloroethane | 11.561         | 131  | 1004                 | 2.642     | ug/l   | 73       |
| 68) m/p-Xylenes               | 11.855         | 106  | 1472                 | 2.001     | ug/l   | 76       |
| 71) Bromoform                 | 12.361         | 173  | 579                  | 2.816     | ug/l # | 2        |
| 74) N-amyl acetate            | 12.255         | 43   | 836                  | 1.365     | ug/l # | 68       |
| 75) 1,1,2,2-Tetrachloroethane | 12.738         | 83   | 27870                | 67.510    | ug/l # | 27       |
| 76) 1,2,3-Trichloropropane    | 13.008         | 75   | 610                  | 1.733     | ug/l   | 48       |
| 77) Bromobenzene              | 12.538         | 156  | 1427                 | 2.808     | ug/l # | 44       |
| 81) trans-1,4-Dichloro-2-b... | 12.567         | 75   | 505                  | 4.055     | ug/l # | 23       |
| 83) tert-Butylbenzene         | 13.214         | 119  | 2675                 | 1.662     | ug/l # | 51       |
| 89) n-Butylbenzene            | 13.749         | 91   | 2246                 | 1.124     | ug/l   | 73       |
| 90) Hexachloroethane          | 14.085         | 117  | 2063                 | 5.349     | ug/l # | 14       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.396         | 75   | 456                  | 6.369     | ug/l   | 84       |
| -----                         |                |      |                      |           |        |          |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD123021\  
Data File : VD071557.D  
Acq On : 30 Dec 2021 18:59  
Operator : VA/SY  
Sample : M5337-09  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

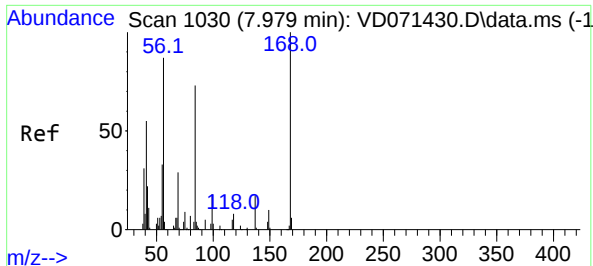
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

Quant Time: Dec 31 06:57:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 23 08:20:24 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

Quant Time: Dec 31 06:57:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D12221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 23 08:20:24 2021  
Response via : Initial Calibration

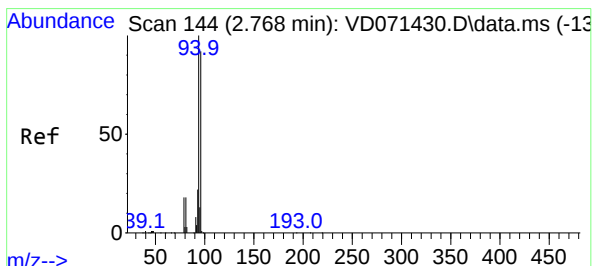
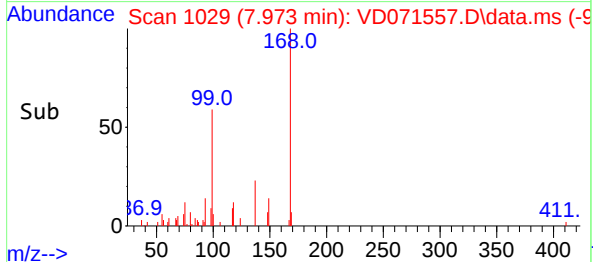
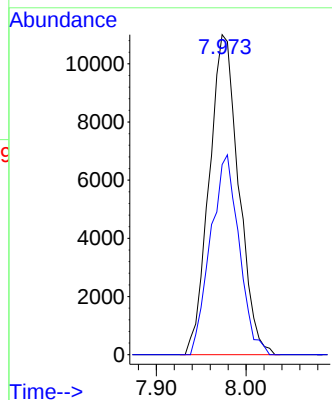
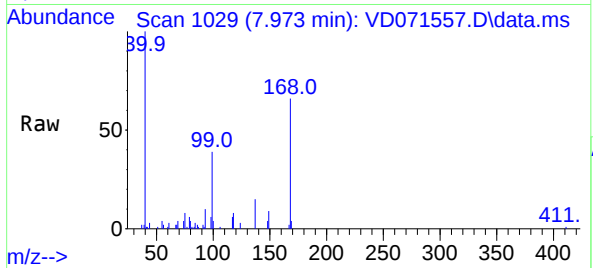




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

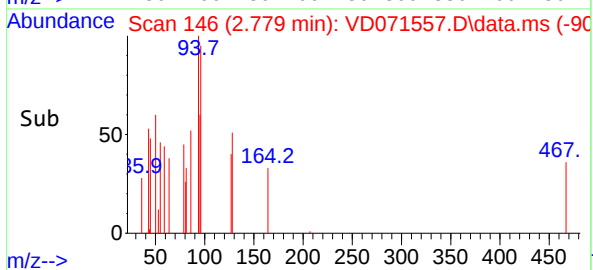
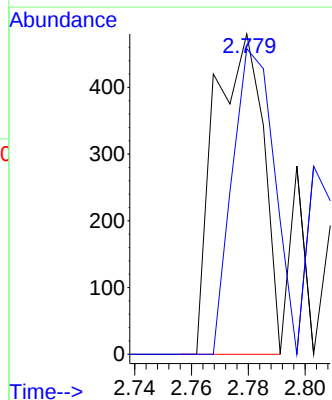
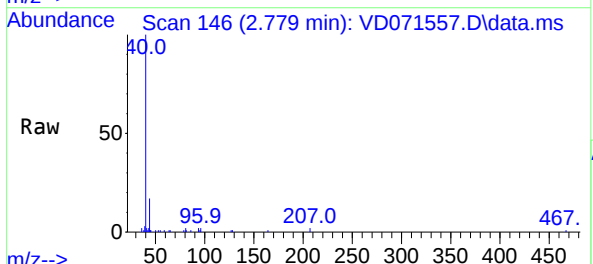
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

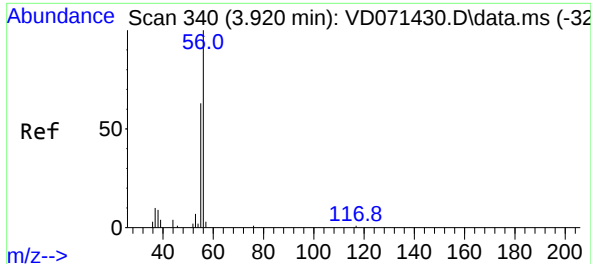
Tgt Ion:168 Resp: 25167  
Ion Ratio Lower Upper  
168 100  
99 59.4 46.6 69.8



#5  
Bromomethane  
Concen: 2.017 ug/l  
RT: 2.779 min Scan# 146  
Delta R.T. 0.029 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 94 Resp: 571  
Ion Ratio Lower Upper  
94 100  
96 95.4 74.8 112.2





#13

Acrolein

Concen: 6.565 ug/l

RT: 3.821 min Scan# 31

Delta R.T. -0.093 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

Instrument :

MSVOA\_D

ClientSampleId :

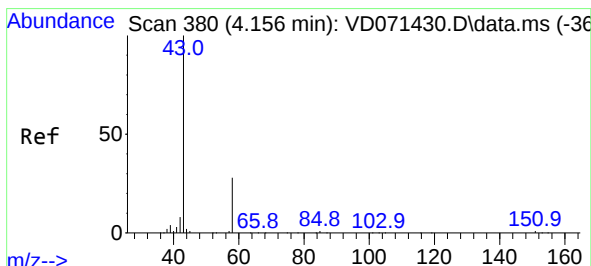
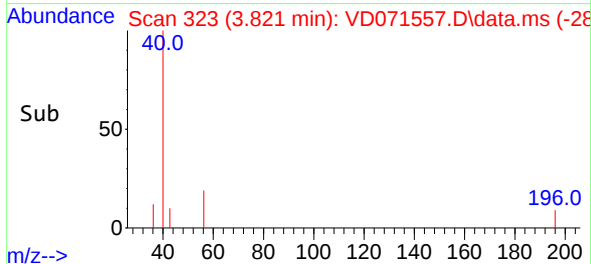
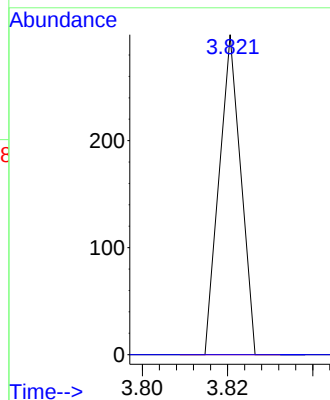
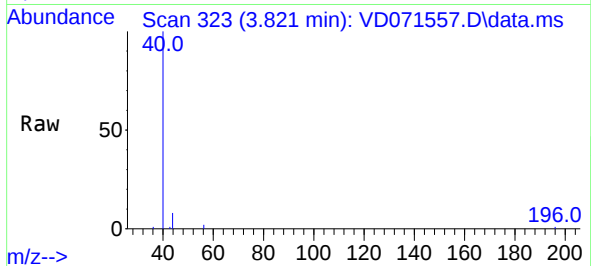
WC-1

Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

55 0.0 58.6 87.8#



#16

Acetone

Concen: 18.725 ug/l

RT: 4.173 min Scan# 383

Delta R.T. 0.017 min

Lab File: VD071557.D

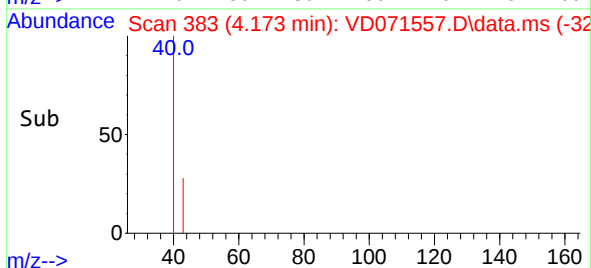
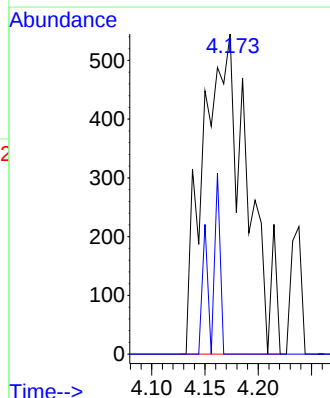
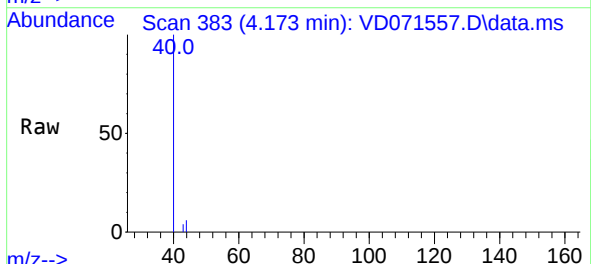
Acq: 30 Dec 2021 18:59

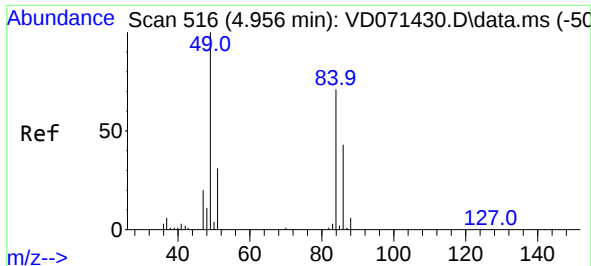
Tgt Ion: 43 Resp: 1572

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#

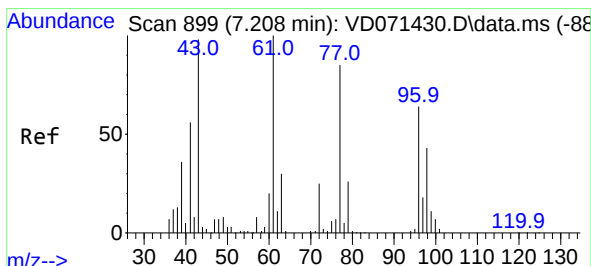
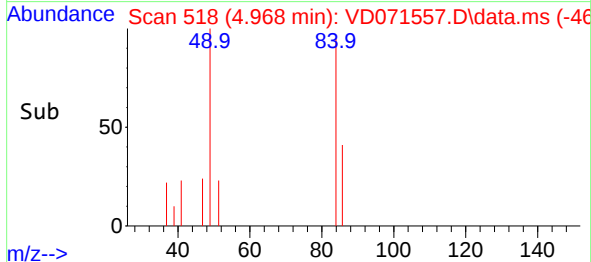
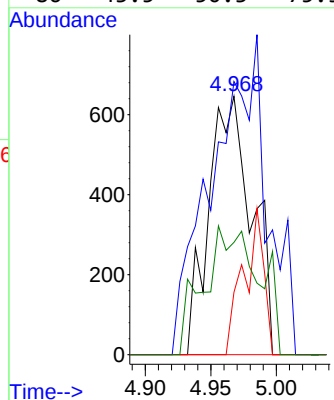
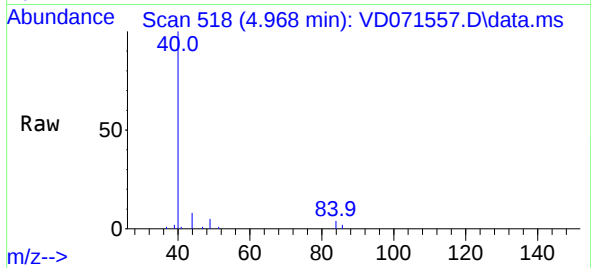




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.968 min Scan# 516  
Delta R.T. 0.007 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

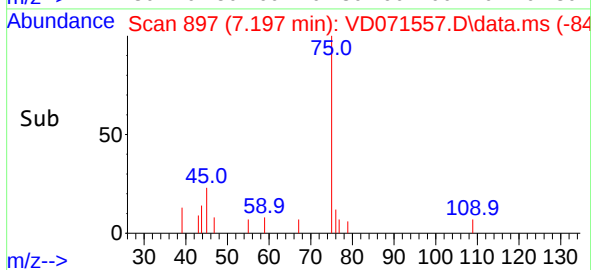
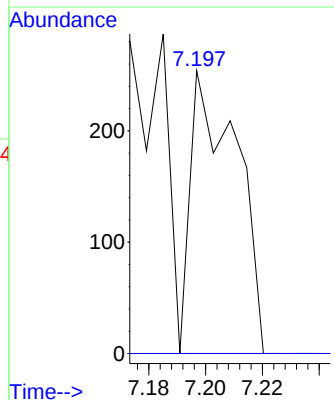
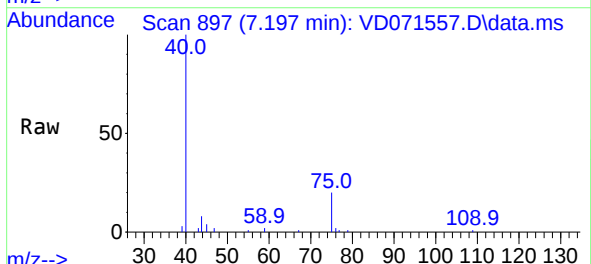
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

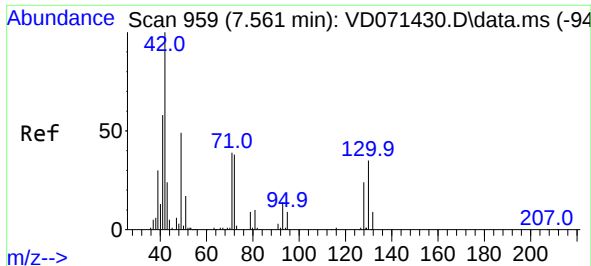
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 1487   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 77.4  | 95.8  | 143.6# |
| 51       | 24.1  | 30.9  | 46.3#  |
| 86       | 43.5  | 50.3  | 75.5#  |



#25  
2-Butanone  
Concen: 2.852 ug/l  
RT: 7.197 min Scan# 897  
Delta R.T. -0.011 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 286   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 23.8  | 35.6# |

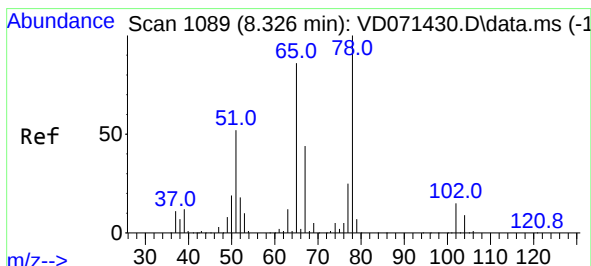
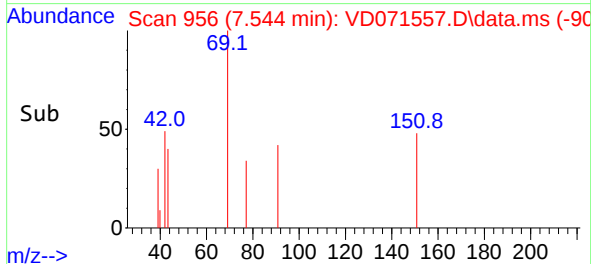
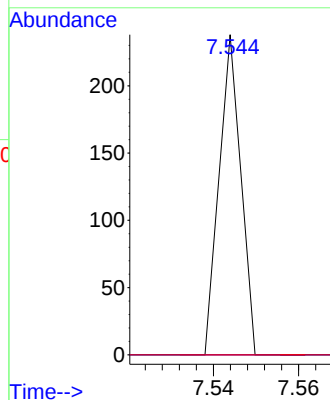
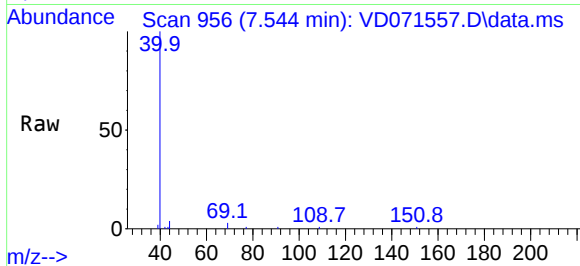




#29  
Tetrahydrofuran  
Concen: 1.395 ug/l  
RT: 7.544 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

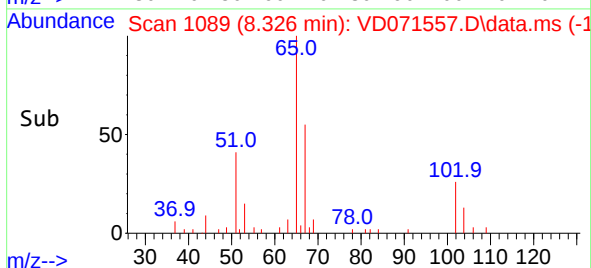
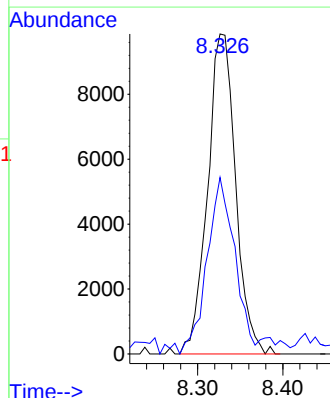
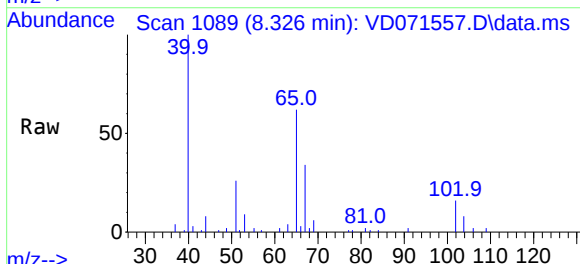
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

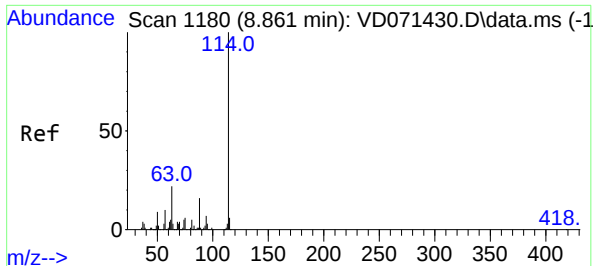
Tgt Ion: 42 Resp: 84  
Ion Ratio Lower Upper  
42 100  
72 0.0 33.7 50.5#  
71 0.0 32.7 49.1#



#33  
1,2-Dichloroethane-d4  
Concen: 67.499 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 65 Resp: 22561  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

Instrument :

MSVOA\_D

ClientSampleId :

WC-1

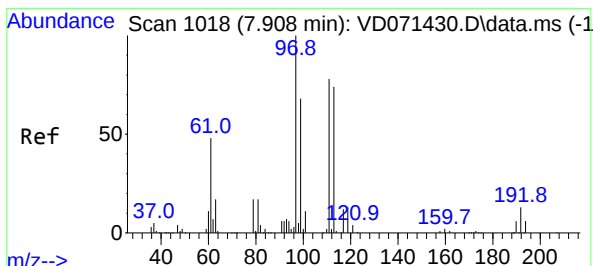
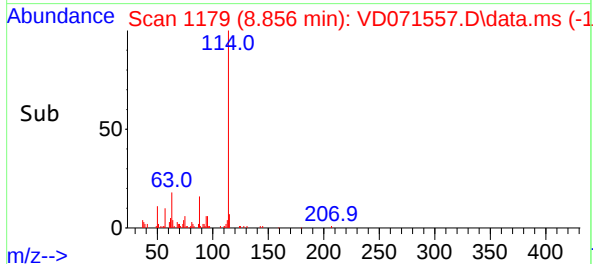
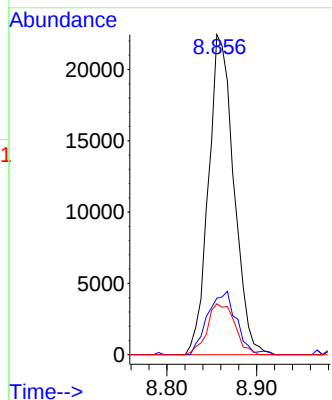
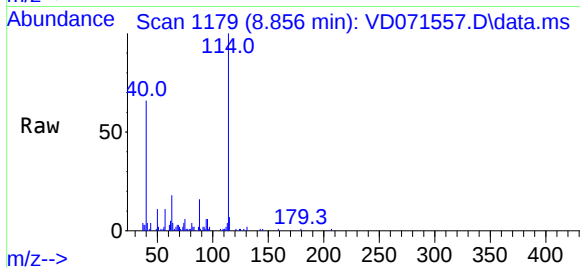
Tgt Ion:114 Resp: 44047

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.661 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

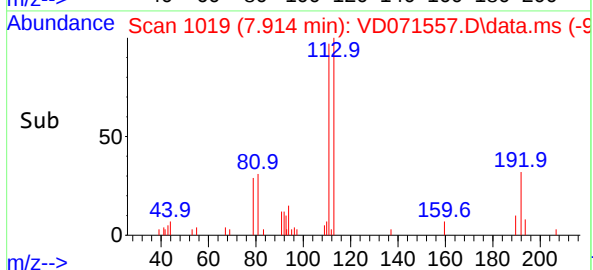
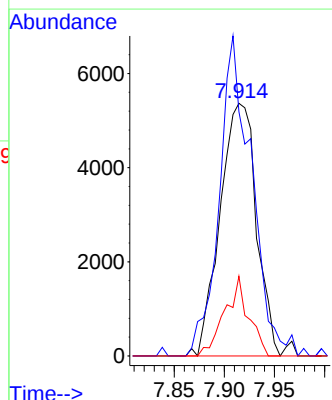
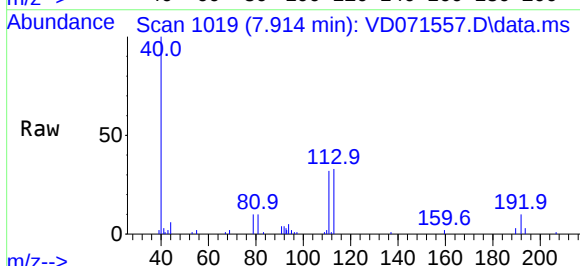
Tgt Ion:113 Resp: 13517

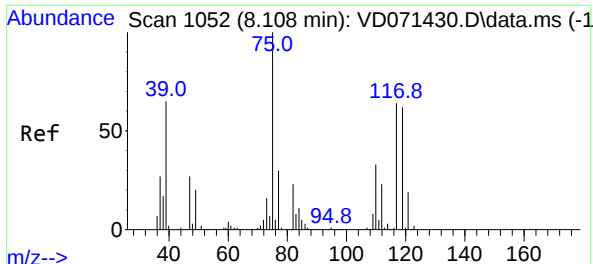
Ion Ratio Lower Upper

113 100

111 113.3 82.0 123.0

192 20.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.982 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

Instrument :

MSVOA\_D

ClientSampleId :

WC-1

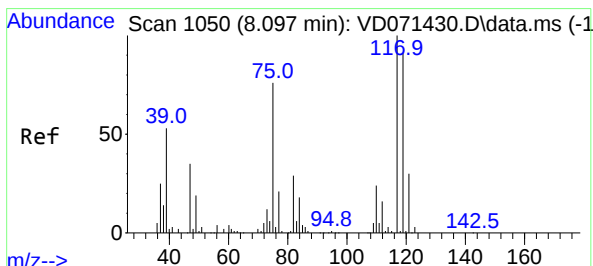
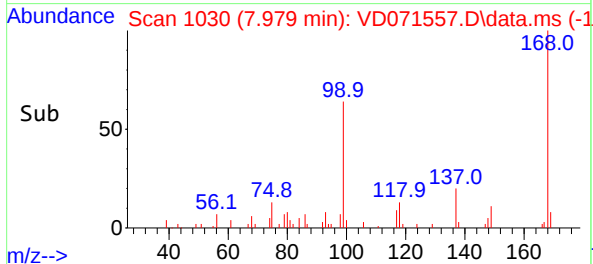
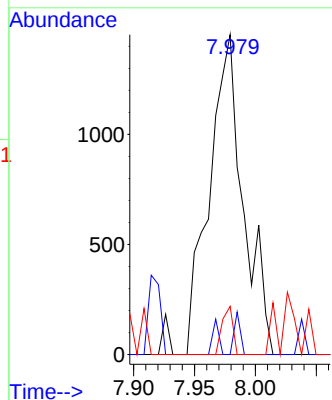
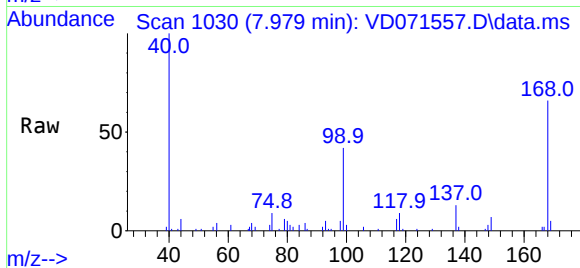
Tgt Ion: 75 Resp: 2829

Ion Ratio Lower Upper

75 100

110 2.4 17.8 53.4#

77 4.7 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.661 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

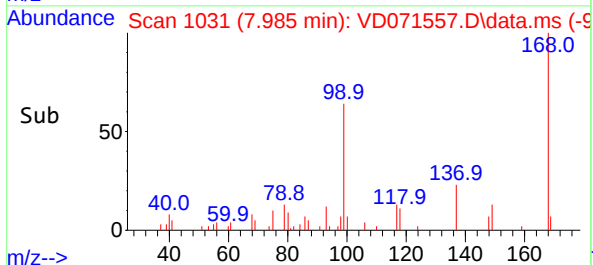
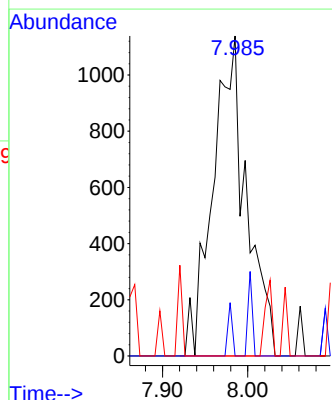
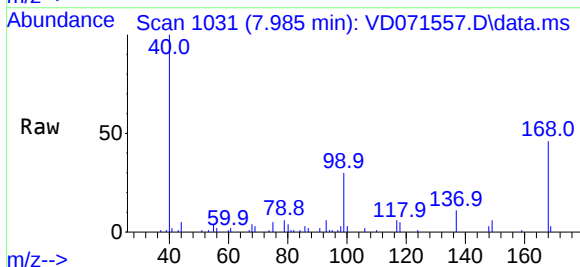
Tgt Ion: 117 Resp: 3108

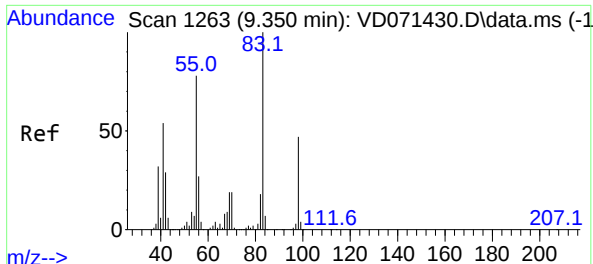
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 23.6 35.4#

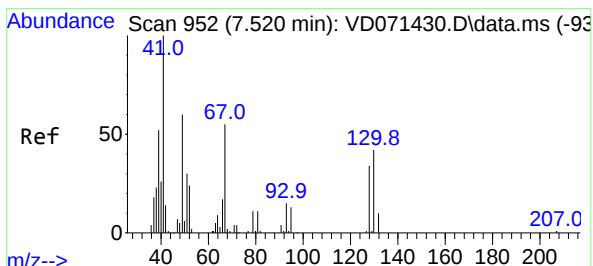
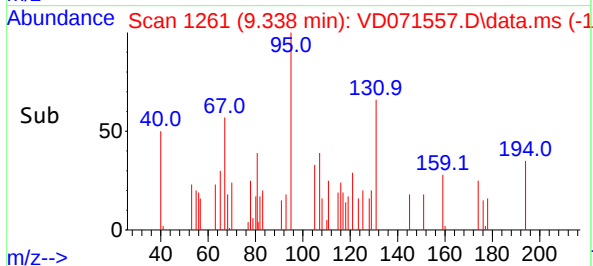
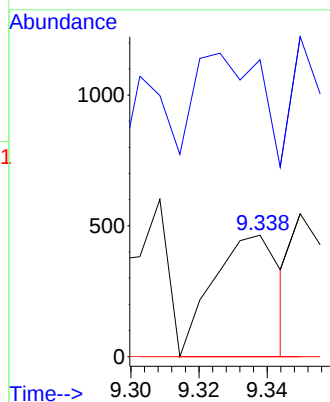
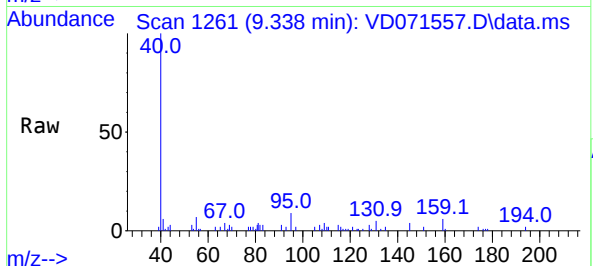




#39  
Methylcyclohexane  
Concen: 1.138 ug/l  
RT: 9.338 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

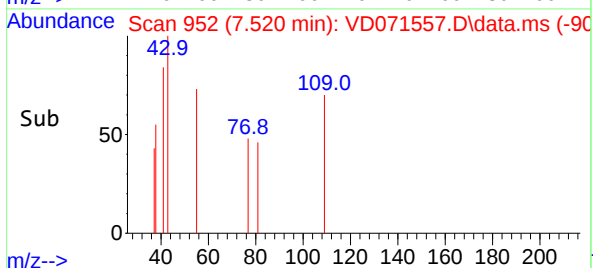
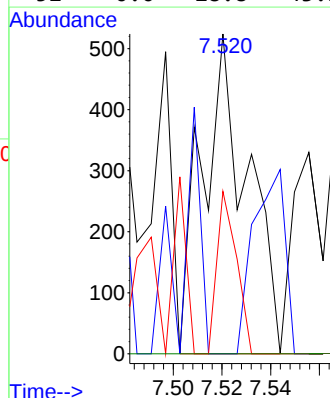
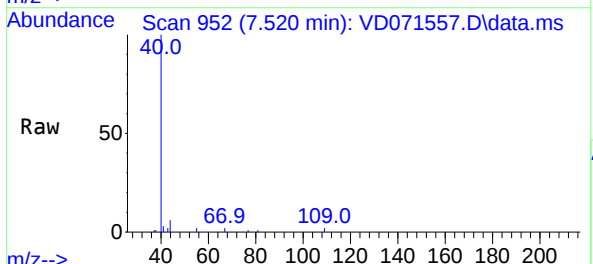
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

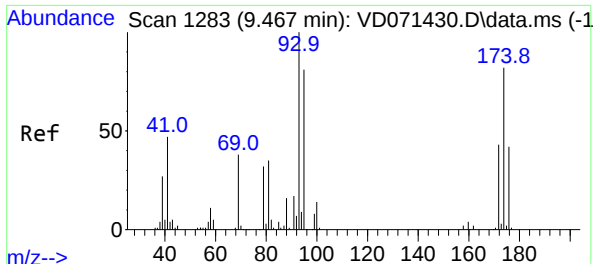
Tgt Ion: 83 Resp: 630  
Ion Ratio Lower Upper  
83 100  
55 88.6 65.8 98.8  
98 0.0 38.7 58.1#



#41  
Methacrylonitrile  
Concen: 5.243 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 41 Resp: 680  
Ion Ratio Lower Upper  
41 100  
39 33.5 60.2 90.4#  
67 21.9 74.8 112.2#  
52 0.0 28.8 43.2#

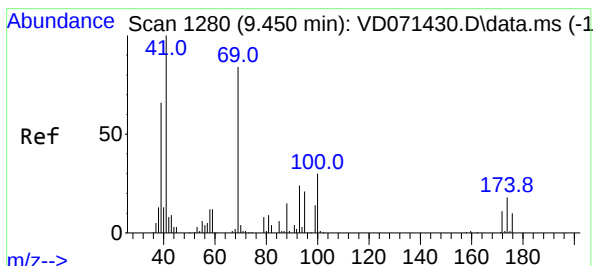
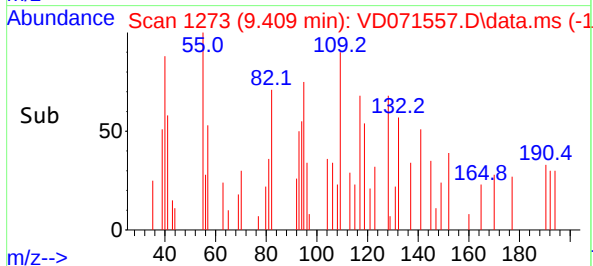
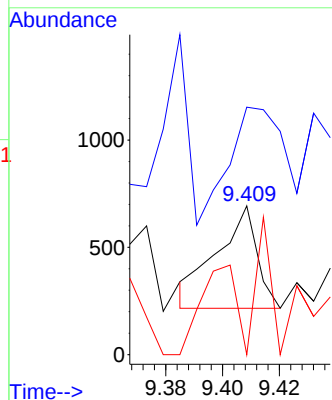
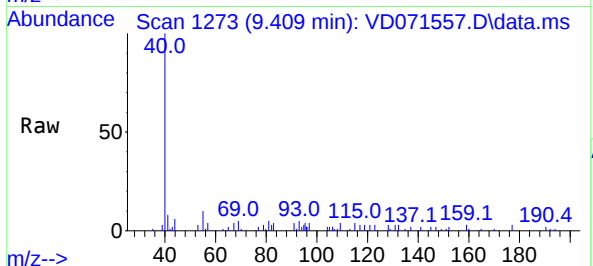




#46  
Dibromomethane  
Concen: 2.584 ug/l  
RT: 9.409 min Scan# 11  
Delta R.T. -0.059 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

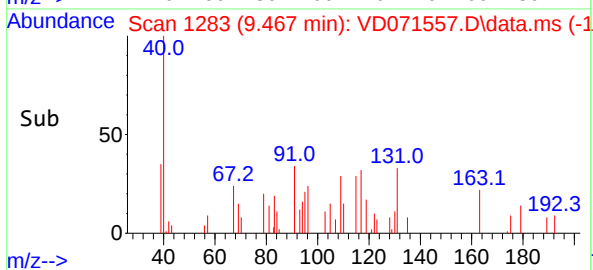
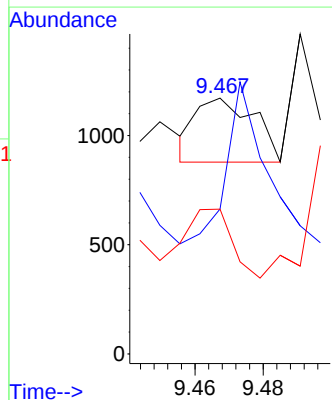
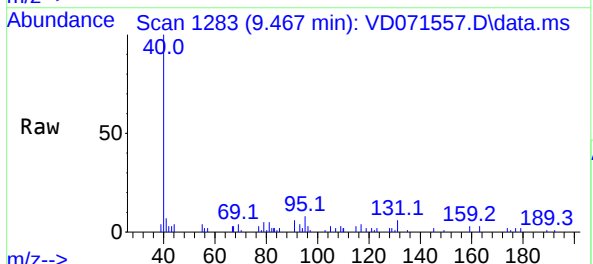
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

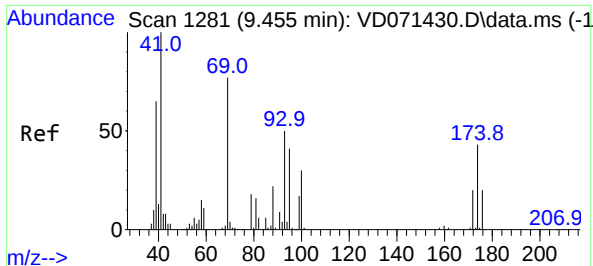
Tgt Ion: 93 Resp: 471  
Ion Ratio Lower Upper  
93 100  
95 91.1 66.1 99.1  
174 85.4 78.6 117.8



#48  
Methyl methacrylate  
Concen: 1.614 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. 0.018 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 41 Resp: 346  
Ion Ratio Lower Upper  
41 100  
69 167.6 69.8 104.6#  
39 88.2 35.6 53.4#

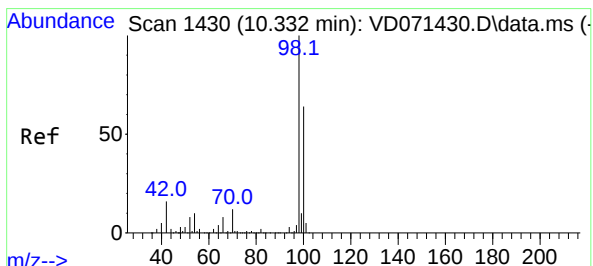
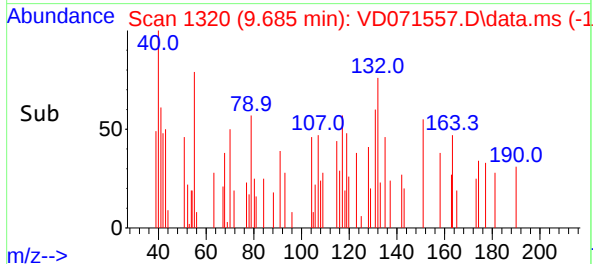
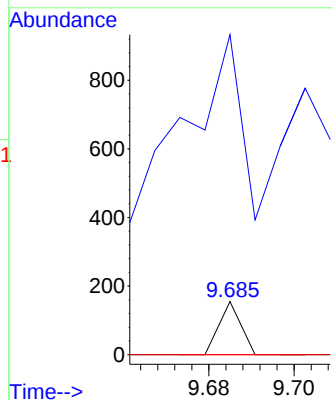
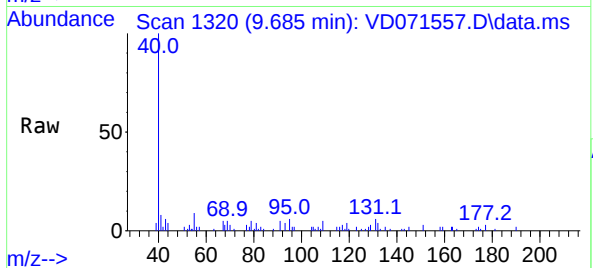




#49  
1,4-Dioxane  
Concen: 26.703 ug/l  
RT: 9.685 min Scan# 11  
Delta R.T. 0.230 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

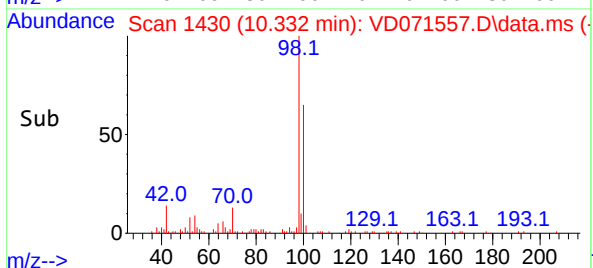
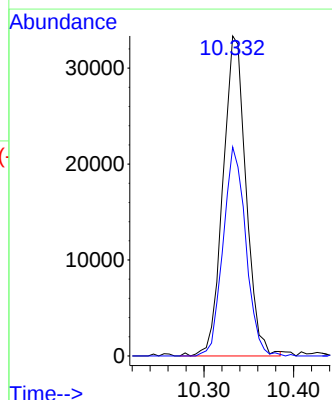
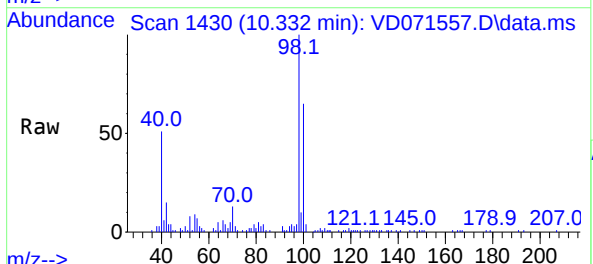
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

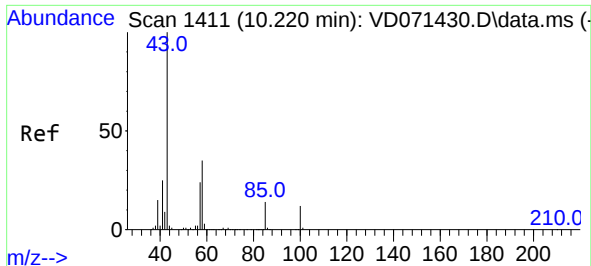
Tgt Ion: 88 Resp: 55  
Ion Ratio Lower Upper  
88 100  
43 861.8 28.9 43.3#  
58 0.0 56.3 84.5#



#50  
Toluene-d8  
Concen: 53.131 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 98 Resp: 59438  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6

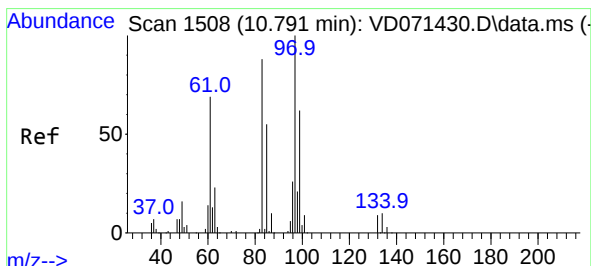
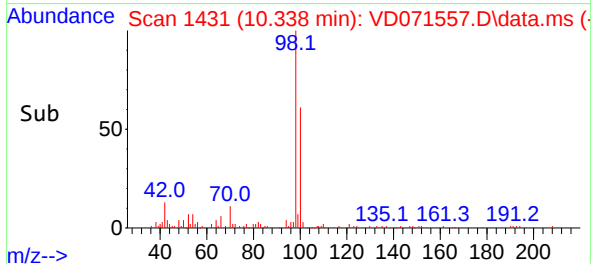
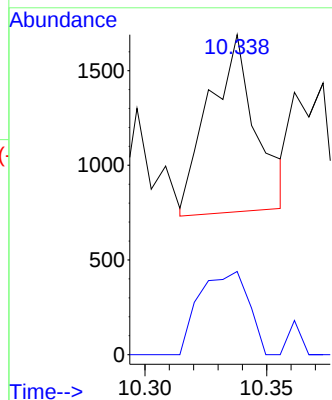
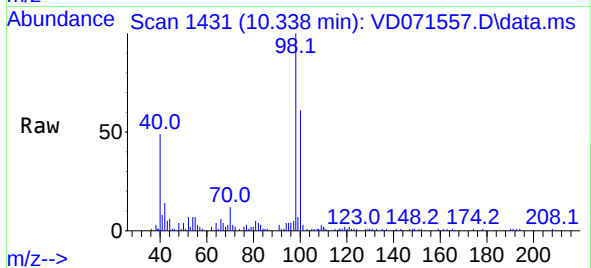




#51  
4-Methyl-2-Pentanone  
Concen: 5.505 ug/l  
RT: 10.338 min Scan# 1411  
Delta R.T. 0.118 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

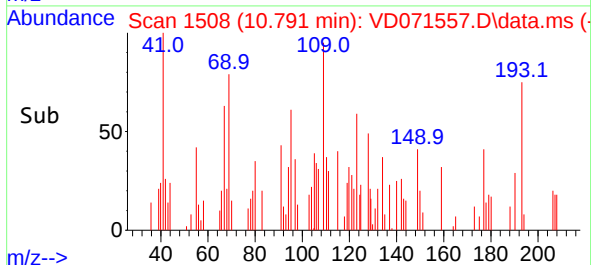
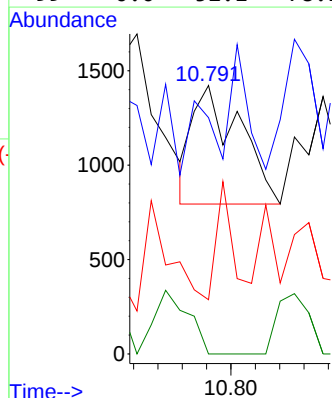
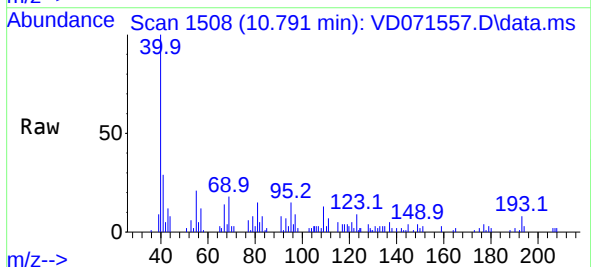
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

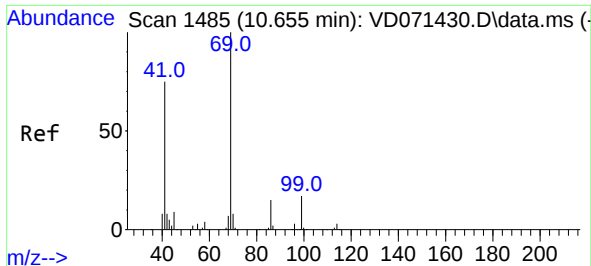
Tgt Ion: 43 Resp: 1255  
Ion Ratio Lower Upper  
43 100  
58 49.2 33.1 49.7



#55  
1,1,2-Trichloroethane  
Concen: 3.639 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 97 Resp: 842  
Ion Ratio Lower Upper  
97 100  
83 48.6 65.2 97.8#  
85 0.0 43.4 65.0#  
99 0.0 52.1 78.1#

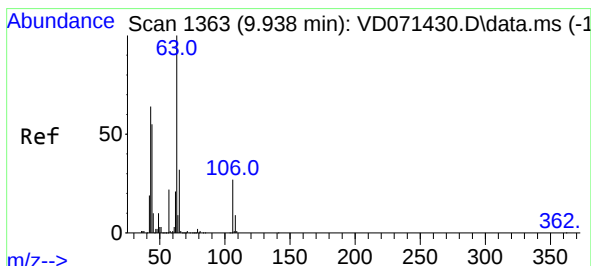
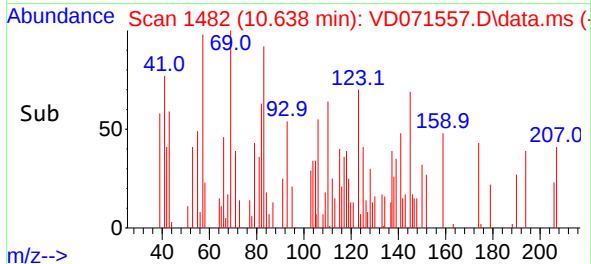
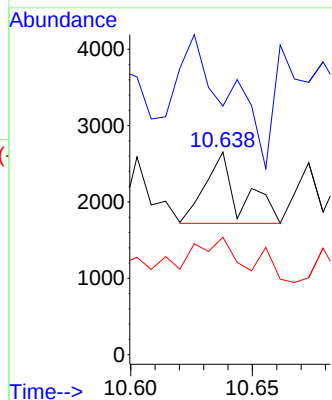
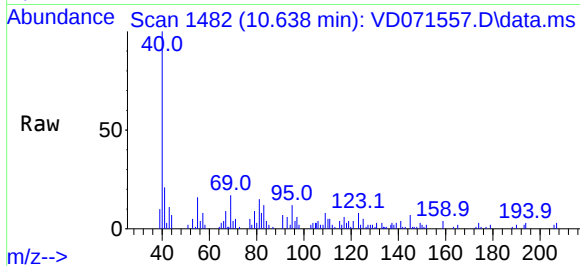




#56  
Ethyl methacrylate  
Concen: 3.088 ug/l  
RT: 10.638 min Scan# 1485  
Delta R.T. -0.017 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

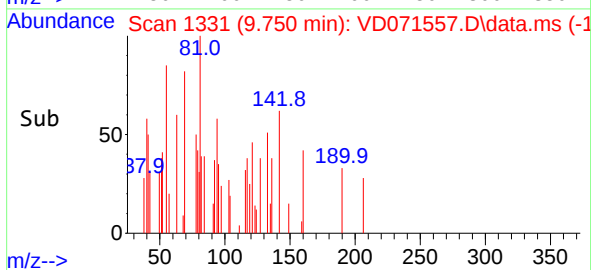
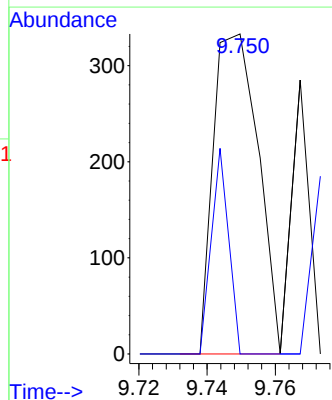
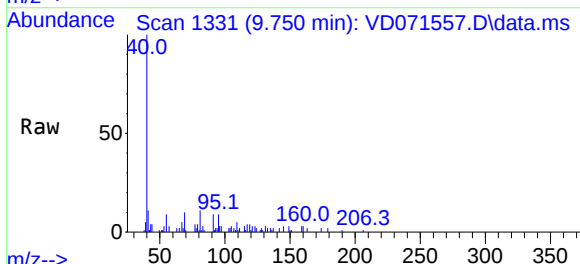
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

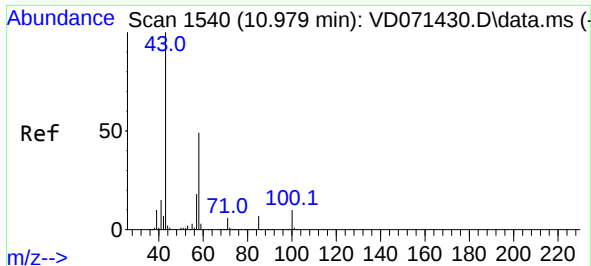
Tgt Ion: 69 Resp: 940  
Ion Ratio Lower Upper  
69 100  
41 286.4 50.2 75.2#  
39 91.2 19.8 29.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: 2.085 ug/l  
RT: 9.750 min Scan# 1331  
Delta R.T. -0.188 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 63 Resp: 304  
Ion Ratio Lower Upper  
63 100  
106 25.0 21.0 31.4

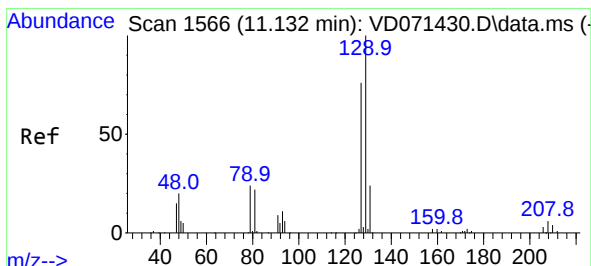
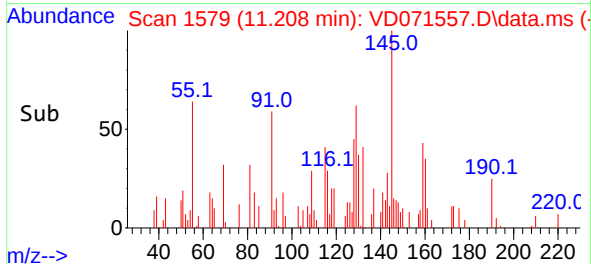
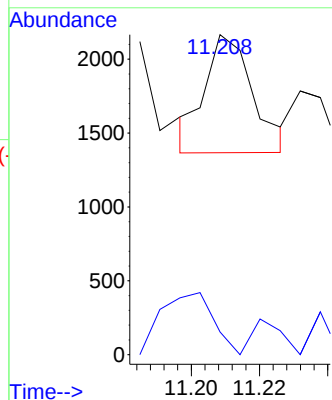
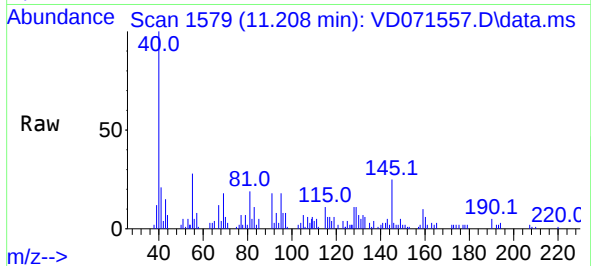




#59  
2-Hexanone  
Concen: 4.809 ug/l  
RT: 11.208 min Scan# 1540  
Delta R.T. 0.229 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

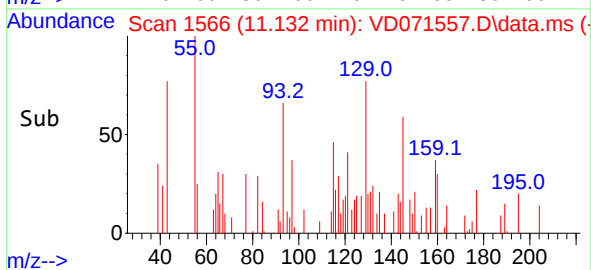
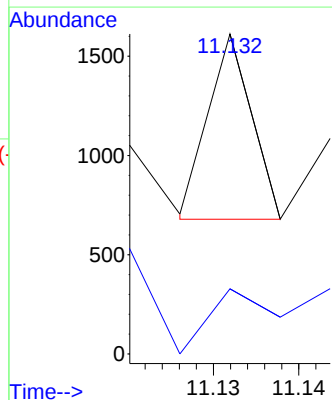
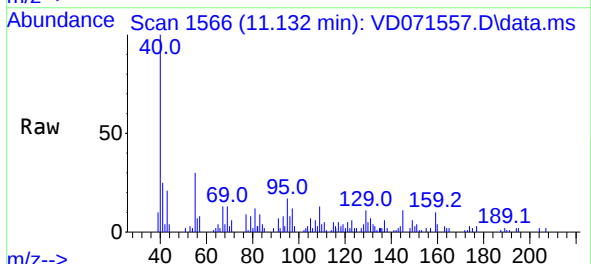
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

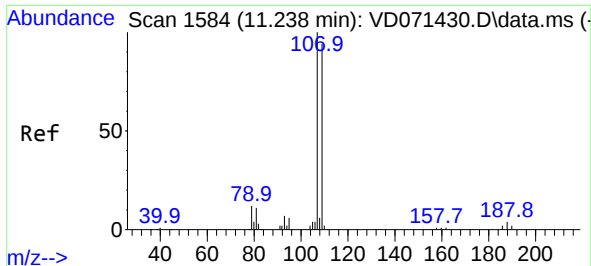
Tgt Ion: 43 Resp: 775  
Ion Ratio Lower Upper  
43 100  
58 57.5 28.7 86.1



#60  
Dibromochloromethane  
Concen: 1.131 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 129 Resp: 329  
Ion Ratio Lower Upper  
129 100  
127 104.0 38.9 116.6

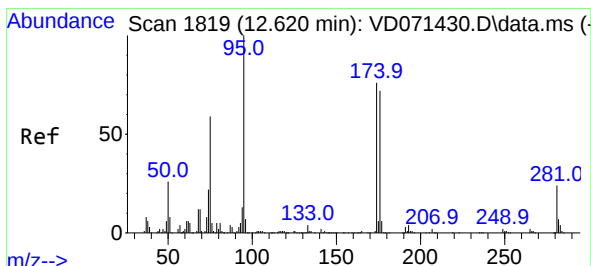
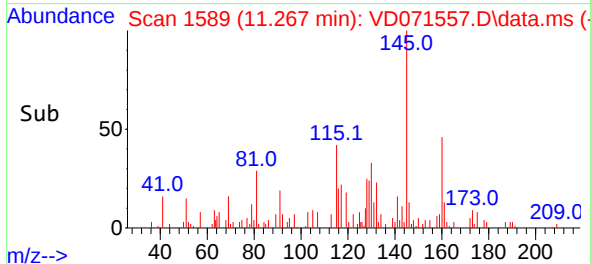
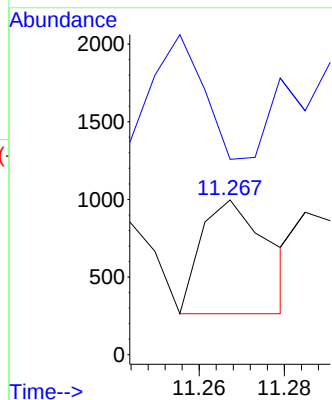
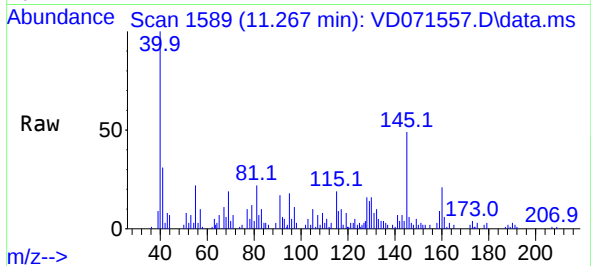




#61  
1,2-Dibromoethane  
Concen: 3.496 ug/l  
RT: 11.267 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

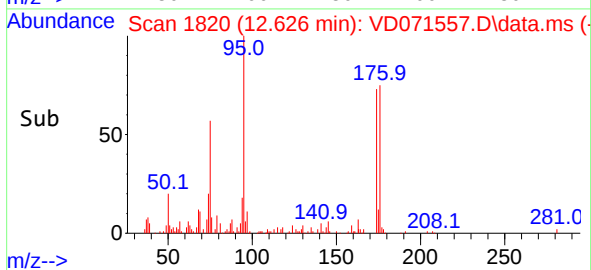
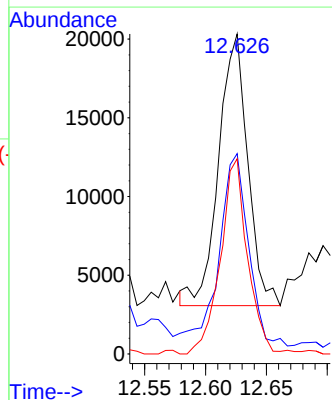
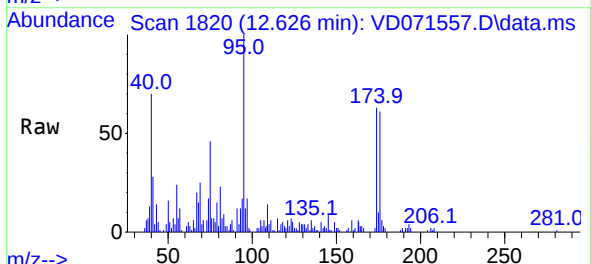
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

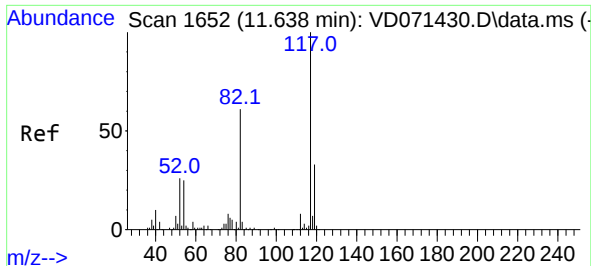
Tgt Ion:107 Resp: 801  
Ion Ratio Lower Upper  
107 100  
109 107.1 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 72.065 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 95 Resp: 28648  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 159.4  
176 66.9 0.0 154.0

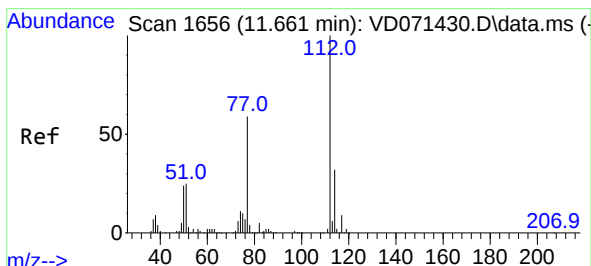
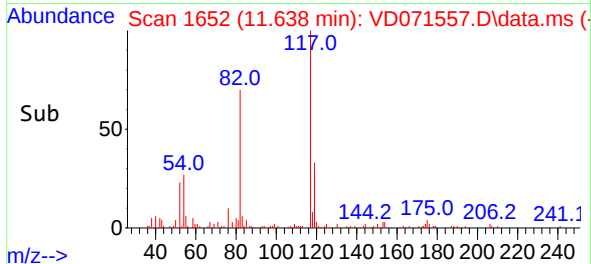
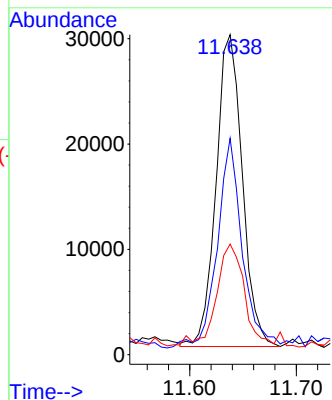
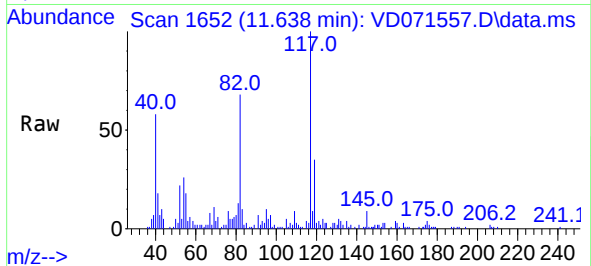




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

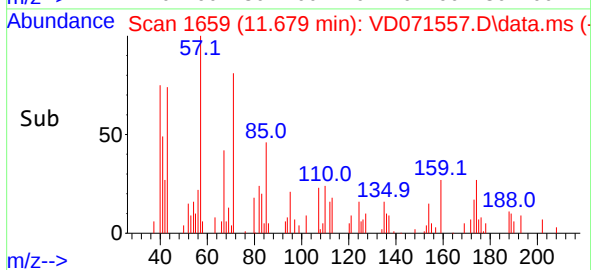
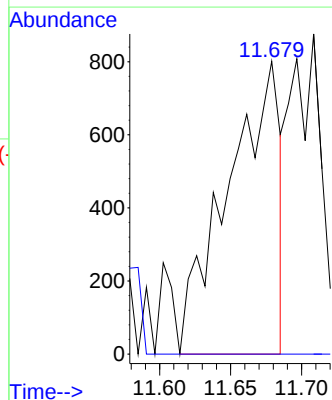
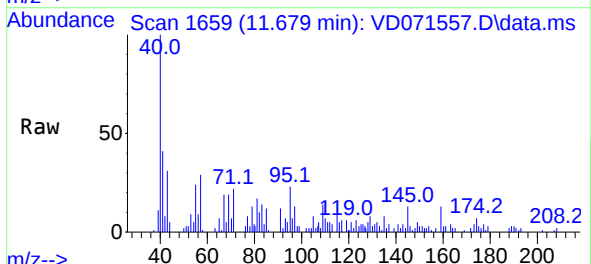
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

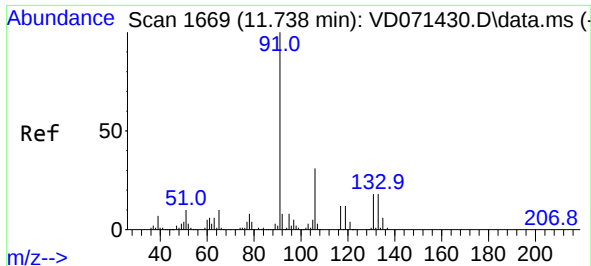
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50714 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 65.9  | 44.7  | 67.1  |
| 119      | 32.4  | 26.2  | 39.4  |



#65  
Chlorobenzene  
Concen: 1.955 ug/l  
RT: 11.679 min Scan# 1659  
Delta R.T. 0.018 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2034  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 0.0   | 26.0  | 39.0# |

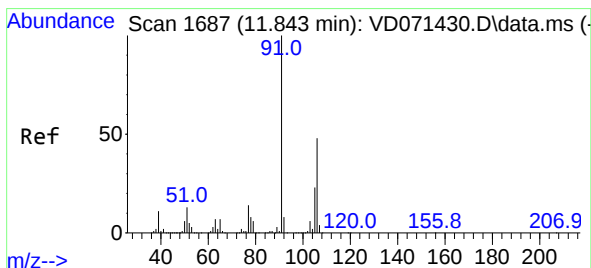
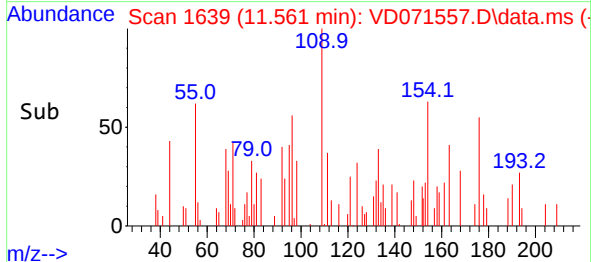
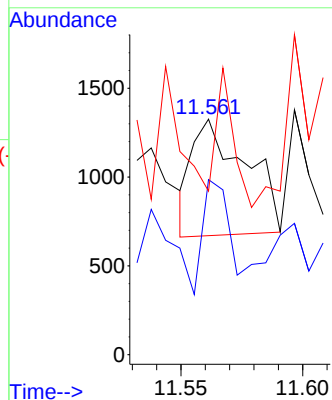
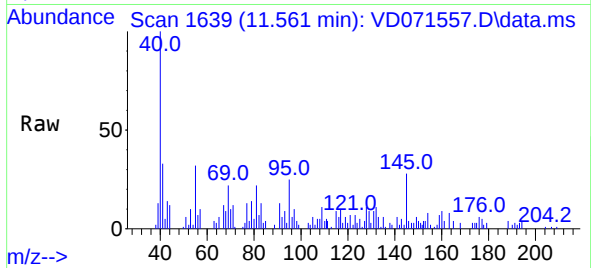




#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.642 ug/l  
RT: 11.561 min Scan# 1639  
Delta R.T. -0.171 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

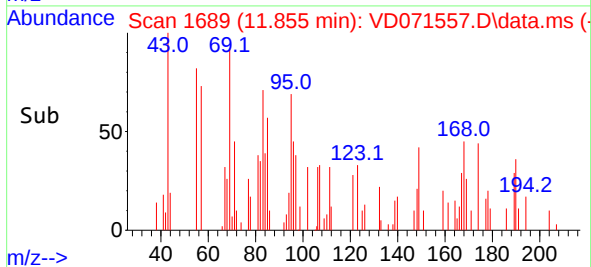
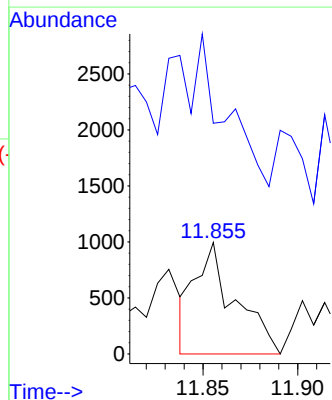
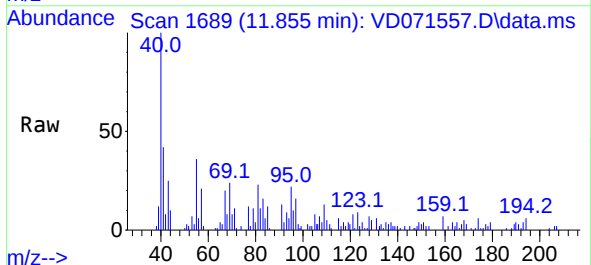
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

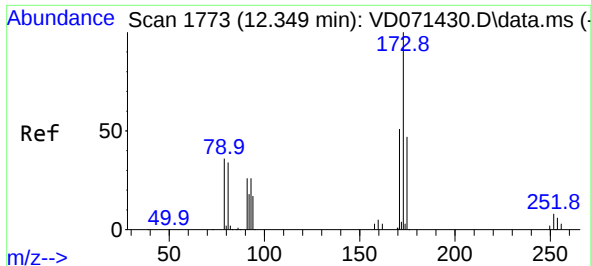
Tgt Ion:131 Resp: 1004  
Ion Ratio Lower Upper  
131 100  
133 56.6 48.0 144.0  
119 61.6 33.5 100.4



#68  
m/p-Xylenes  
Concen: 2.001 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.012 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion:106 Resp: 1472  
Ion Ratio Lower Upper  
106 100  
91 163.2 160.1 240.1

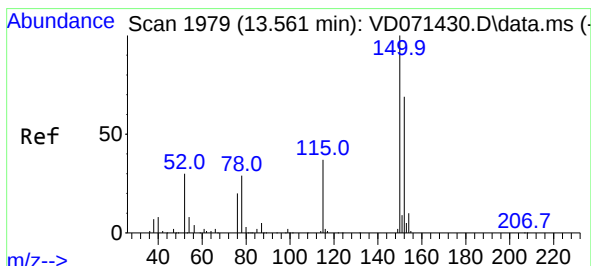
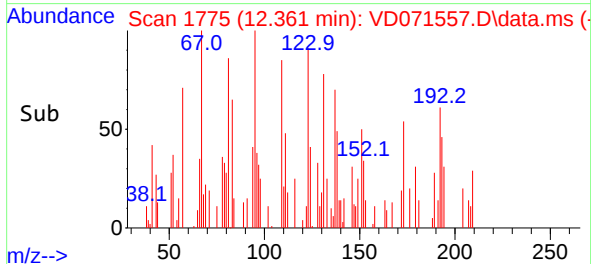
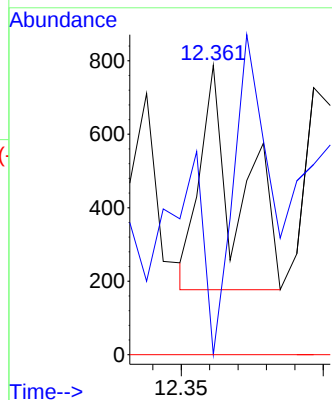
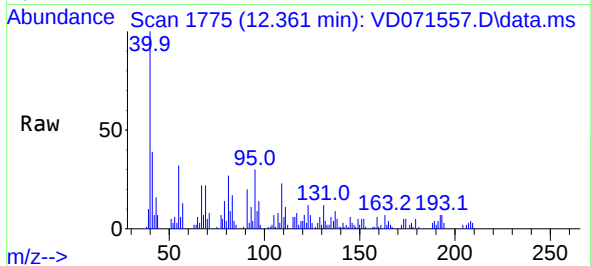




#71  
Bromoform  
Concen: 2.816 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.012 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

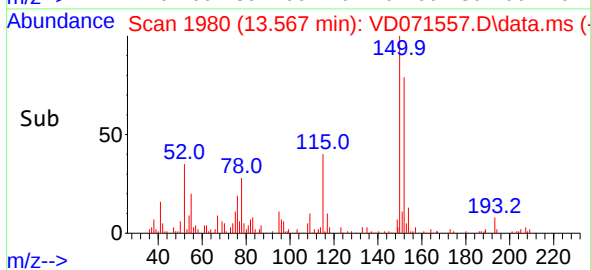
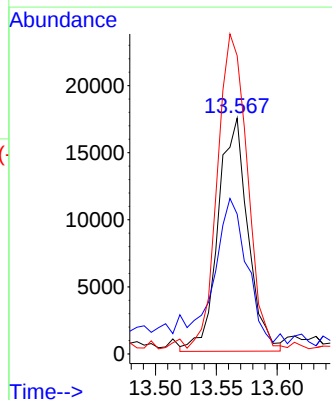
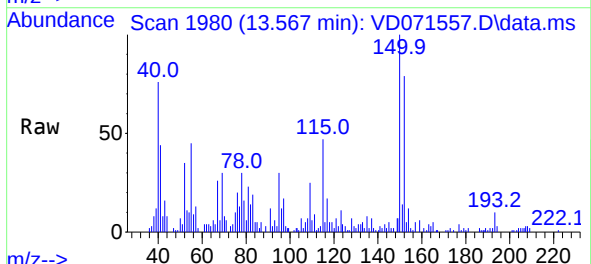
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

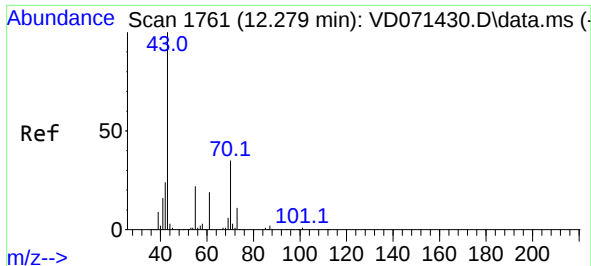
Tgt Ion:173 Resp: 579  
Ion Ratio Lower Upper  
173 100  
175 114.5 24.1 72.2#  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.006 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion:152 Resp: 29618  
Ion Ratio Lower Upper  
152 100  
115 71.0 29.8 89.3  
150 134.2 0.0 349.2



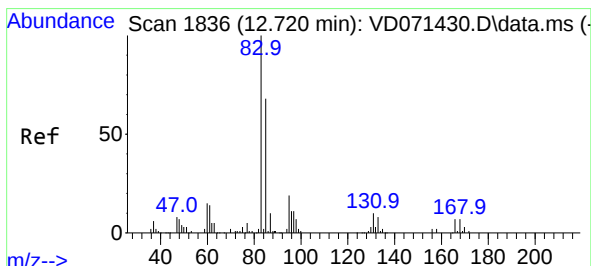
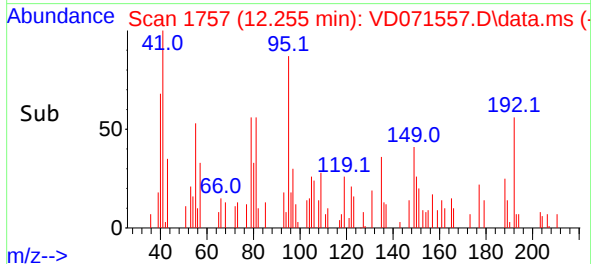
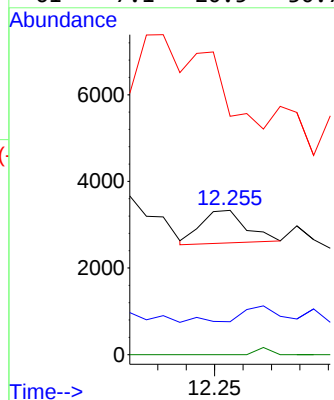
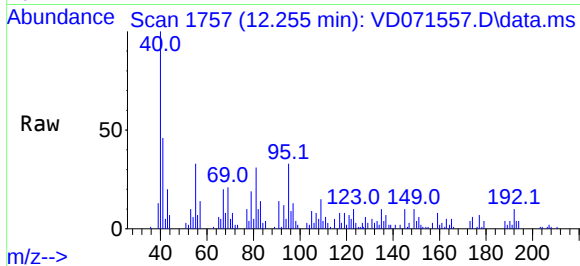


#74  
N-amy1 acetate  
Concen: 1.365 ug/l  
RT: 12.255 min Scan# 1757  
Delta R.T. -0.024 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

Tgt Ion: 43 Resp: 836

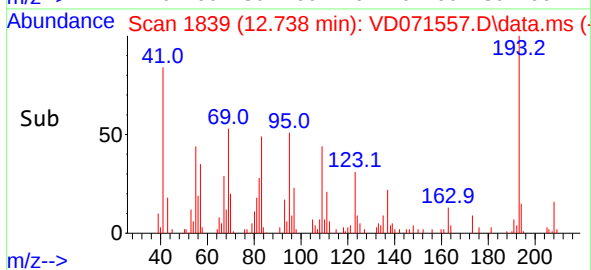
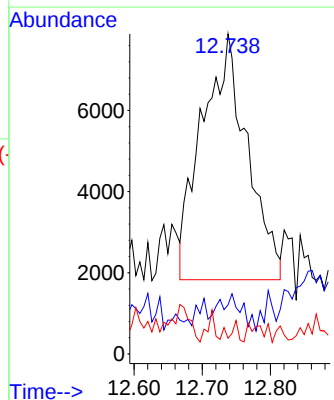
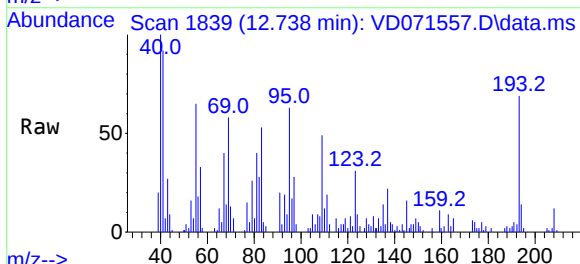
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 56.9  | 36.6  | 55.0# |
| 55  | 0.0   | 22.5  | 33.7# |
| 61  | 7.1   | 20.5  | 30.7# |

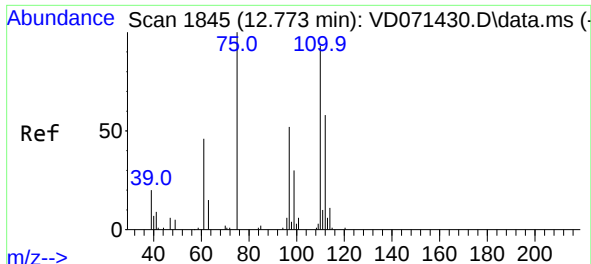


#75  
1,1,2,2-Tetrachloroethane  
Concen: 67.510 ug/l  
RT: 12.738 min Scan# 1839  
Delta R.T. 0.018 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 83 Resp: 27870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.0   | 4.9   | 14.7# |
| 85  | 1.6   | 32.0  | 96.2# |

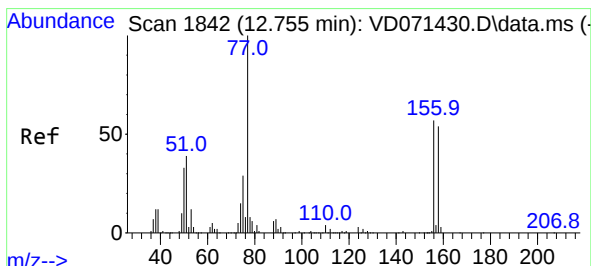
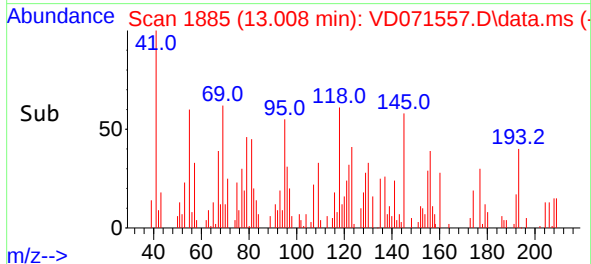
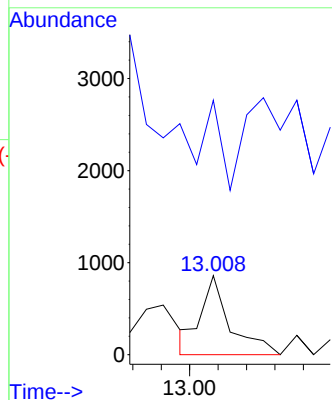
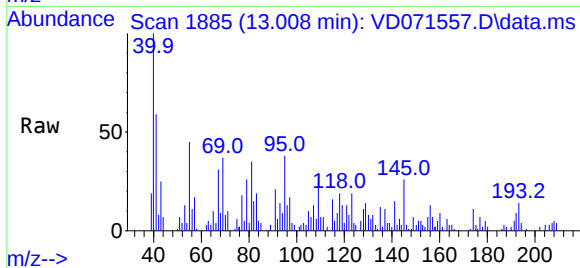




#76  
1,2,3-Trichloropropane  
Concen: 1.733 ug/l  
RT: 13.008 min Scan# 11  
Delta R.T. 0.235 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

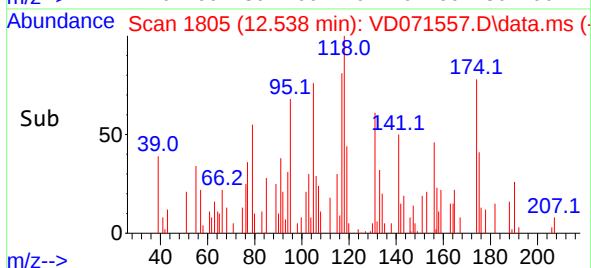
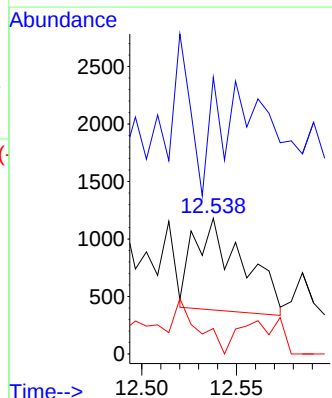
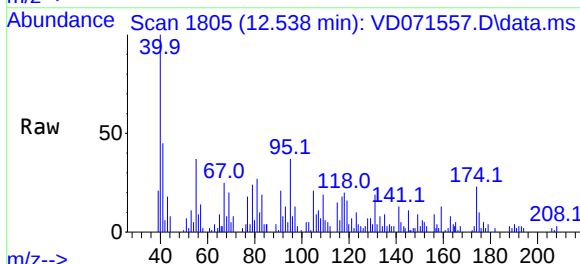
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

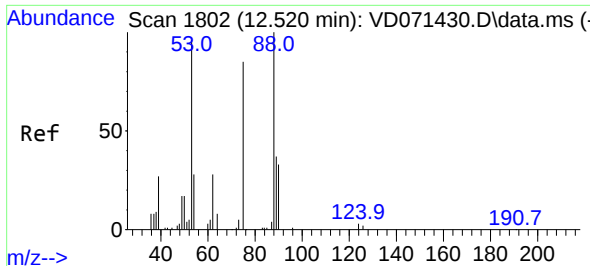
Tgt Ion: 75 Resp: 610  
Ion Ratio Lower Upper  
75 100  
77 210.5 158.4 475.3



#77  
Bromobenzene  
Concen: 2.808 ug/l  
RT: 12.538 min Scan# 1805  
Delta R.T. -0.211 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 156 Resp: 1427  
Ion Ratio Lower Upper  
156 100  
77 143.5 96.6 289.8  
158 0.0 49.1 147.4#

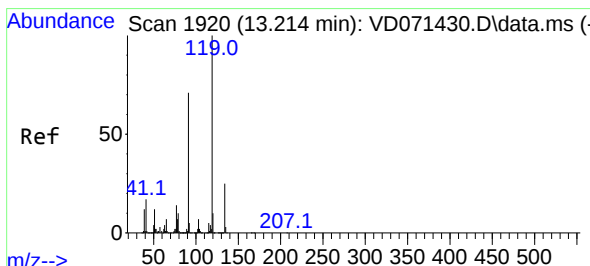
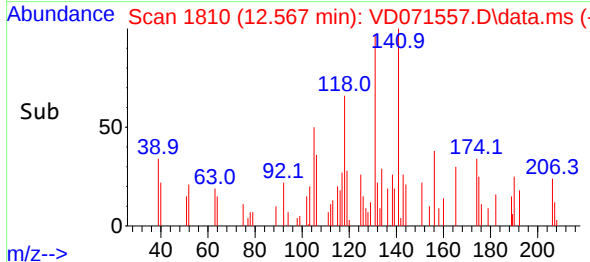
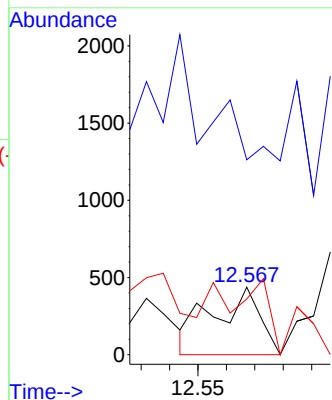
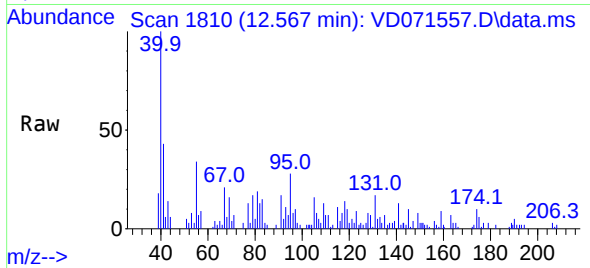




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.055 ug/l  
RT: 12.567 min Scan# 1802  
Delta R.T. 0.047 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

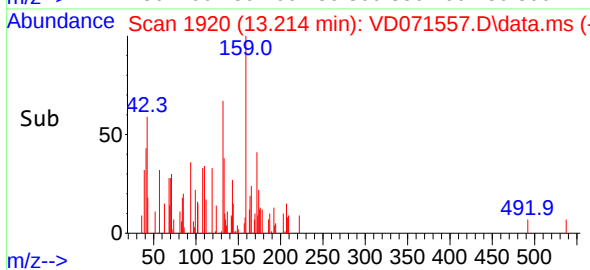
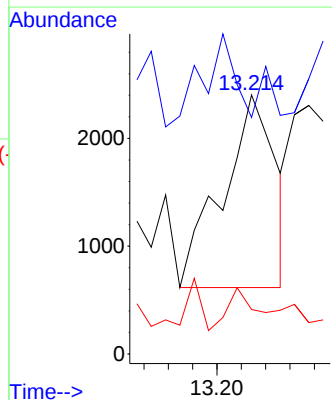
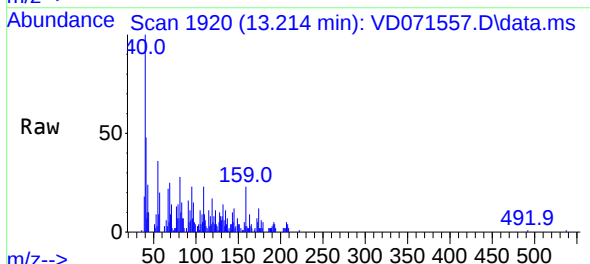
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

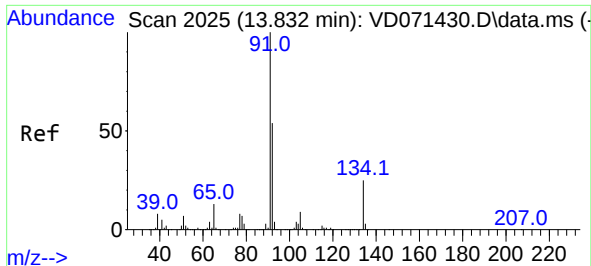
Tgt Ion: 75 Resp: 505  
Ion Ratio Lower Upper  
75 100  
53 51.9 62.6 94.0#  
89 146.9 34.5 51.7#



#83  
tert-Butylbenzene  
Concen: 1.662 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

Tgt Ion: 119 Resp: 2675  
Ion Ratio Lower Upper  
119 100  
91 23.6 32.5 97.5#  
134 6.2 13.2 39.6#

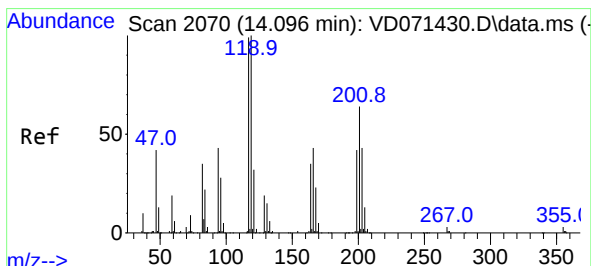
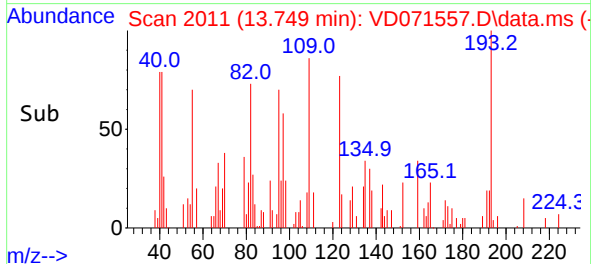
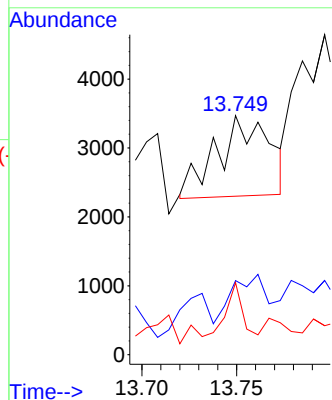
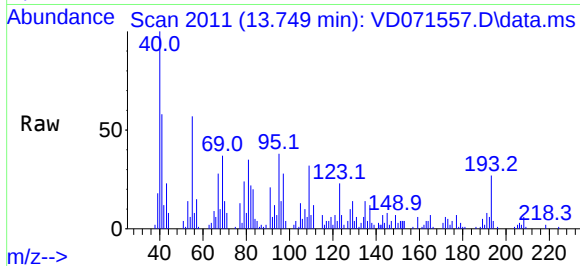




#89  
n-Butylbenzene  
Concen: 1.124 ug/l  
RT: 13.749 min Scan# 20  
Delta R.T. -0.083 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

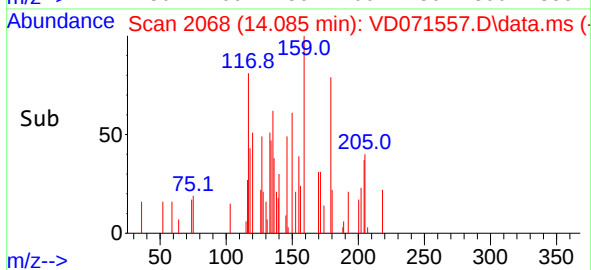
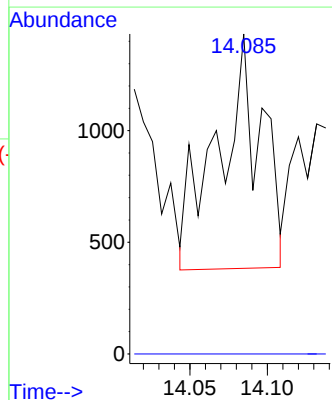
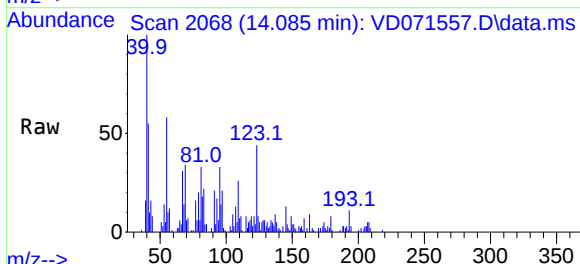
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1

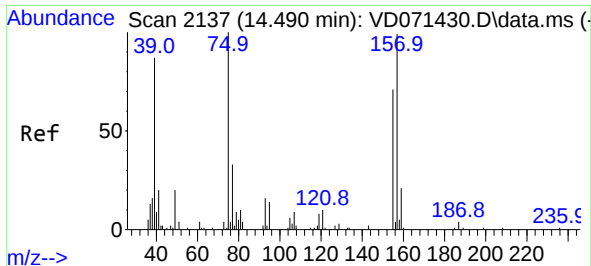
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 2246  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 30.1  | 27.3  | 81.9  |
| 134      | 30.5  | 12.3  | 36.9  |



#90  
Hexachloroethane  
Concen: 5.349 ug/l  
RT: 14.085 min Scan# 2068  
Delta R.T. -0.011 min  
Lab File: VD071557.D  
Acq: 30 Dec 2021 18:59

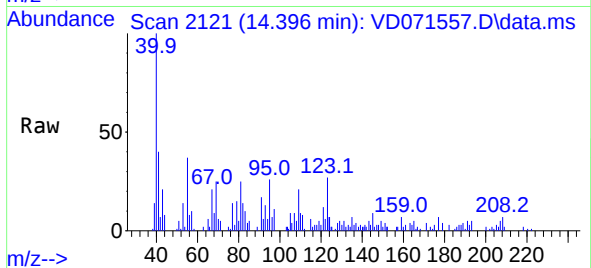
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 2063   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 0.0   | 36.0  | 108.1# |





#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 6.369 ug/l  
 RT: 14.396 min Scan# 21  
 Delta R.T. -0.094 min  
 Lab File: VD071557.D  
 Acq: 30 Dec 2021 18:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-1



Tgt Ion: 75 Resp: 456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 85.3  | 40.0  | 120.0 |
| 157 | 75.7  | 49.8  | 149.3 |

