

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041321\  
 Data File : VU043048.D  
 Acq On : 13 Apr 2021 13:55  
 Operator : SY/MD  
 Sample : M1952-03 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 13 14:31:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) Pentafluorobenzene         | 5.382  | 168  | 147715   | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.256  | 114  | 242569   | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.423  | 117  | 230845   | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 118019   | 50.00     | ug/l   | 0.00     |
|                               |        |      |          |           |        |          |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.710  | 65   | 122397   | 49.29     | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 98.58% |          |
| 35) Dibromofluoromethane      | 5.298  | 113  | 85469    | 46.89     | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 93.78% |          |
| 50) Toluene-d8                | 7.906  | 98   | 305768   | 47.41     | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 94.82% |          |
| 62) 4-Bromofluorobenzene      | 10.639 | 95   | 119747   | 46.36     | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 92.72% |          |
|                               |        |      |          |           |        |          |
| Target Compounds              |        |      |          |           |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50   | 403      | Below Cal | #      | 41       |
| 11) Tert butyl alcohol        | 3.195  | 59   | 2733     | 4.27      | ug/l # | 94       |
| 13) Acrolein                  | 2.501  | 56   | 1360     | 13.69     | ug/l   | 86       |
| 14) Allyl chloride            | 2.810  | 41   | 56200    | 16.75     | ug/l # | 1        |
| 16) Acetone                   | 2.639  | 43   | 609848   | 417.51    | ug/l   | 98       |
| 18) Methyl Acetate            | 2.816  | 43   | 414644   | 133.58    | ug/l # | 55       |
| 22) Diisopropyl ether         | 4.173  | 45   | 448149   | 69.81     | ug/l # | 1        |
| 23) Vinyl Acetate             | 4.166  | 43   | 1110006  | 178.68    | ug/l # | 76       |
| 25) 2-Butanone                | 4.719  | 43   | 124431   | 55.16     | ug/l   | 99       |
| 29) Tetrahydrofuran           | 5.028  | 42   | 1337     | 0.94      | ug/l # | 58       |
| 31) Cyclohexane               | 5.379  | 56   | 4495     | 1.47      | ug/l # | 49       |
| 36) 1,1-Dichloropropene       | 5.379  | 75   | 12292    | 4.78      | ug/l # | 46       |
| 37) Ethyl Acetate             | 4.719  | 43   | 124431   | 28.28     | ug/l # | 71       |
| 38) Carbon Tetrachloride      | 5.382  | 117  | 14998    | 5.44      | ug/l # | 15       |
| 39) Methylcyclohexane         | 6.761  | 83   | 978      | 0.35      | ug/l   | 86       |
| 40) Benzene                   | 5.784  | 78   | 215055   | 29.25     | ug/l   | 99       |
| 41) Methacrylonitrile         | 5.025  | 41   | 16190    | 7.00      | ug/l # | 47       |
| 42) 1,2-Dichloroethane        | 5.780  | 62   | 2315     | 0.71      | ug/l # | 79       |
| 52) Toluene                   | 7.977  | 92   | 268039   | 58.80     | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 7.973  | 75   | 3922     | 1.23      | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 8.282  | 97   | 1614     | 0.83      | ug/l # | 17       |
| 57) 1,3-Dichloropropane       | 8.735  | 76   | 1588     | 0.47      | ug/l # | 43       |
| 59) 2-Hexanone                | 8.694  | 43   | 8522     | 2.23      | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.578  | 91   | 45979    | 5.15      | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.700  | 106  | 101782   | 30.79     | ug/l   | 98       |
| 69) o-Xylene                  | 10.108 | 106  | 53495    | 16.58     | ug/l   | 97       |
| 70) Styrene                   | 10.121 | 104  | 26444    | 4.87      | ug/l # | 70       |
| 73) Isopropylbenzene          | 10.488 | 105  | 1670     | 0.21      | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 10.806 | 83   | 702      | 0.20      | ug/l # | 26       |
| 76) 1,2,3-Trichloropropane    | 10.639 | 75   | 67511    | 19.58     | ug/l # | 37       |
| 78) n-propylbenzene           | 10.912 | 91   | 5632     | 0.59      | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 11.005 | 91   | 4010     | 0.70      | ug/l # | 41       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 18584    | 2.66      | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 10.639 | 75   | 67511    | 57.52     | ug/l # | 7        |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 2456     | 0.35      | ug/l # | 45       |
| 83) tert-Butylbenzene         | 11.475 | 119  | 7419     | 1.08      | ug/l # | 52       |

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Sample : M1952-03 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Apr 13 14:31:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

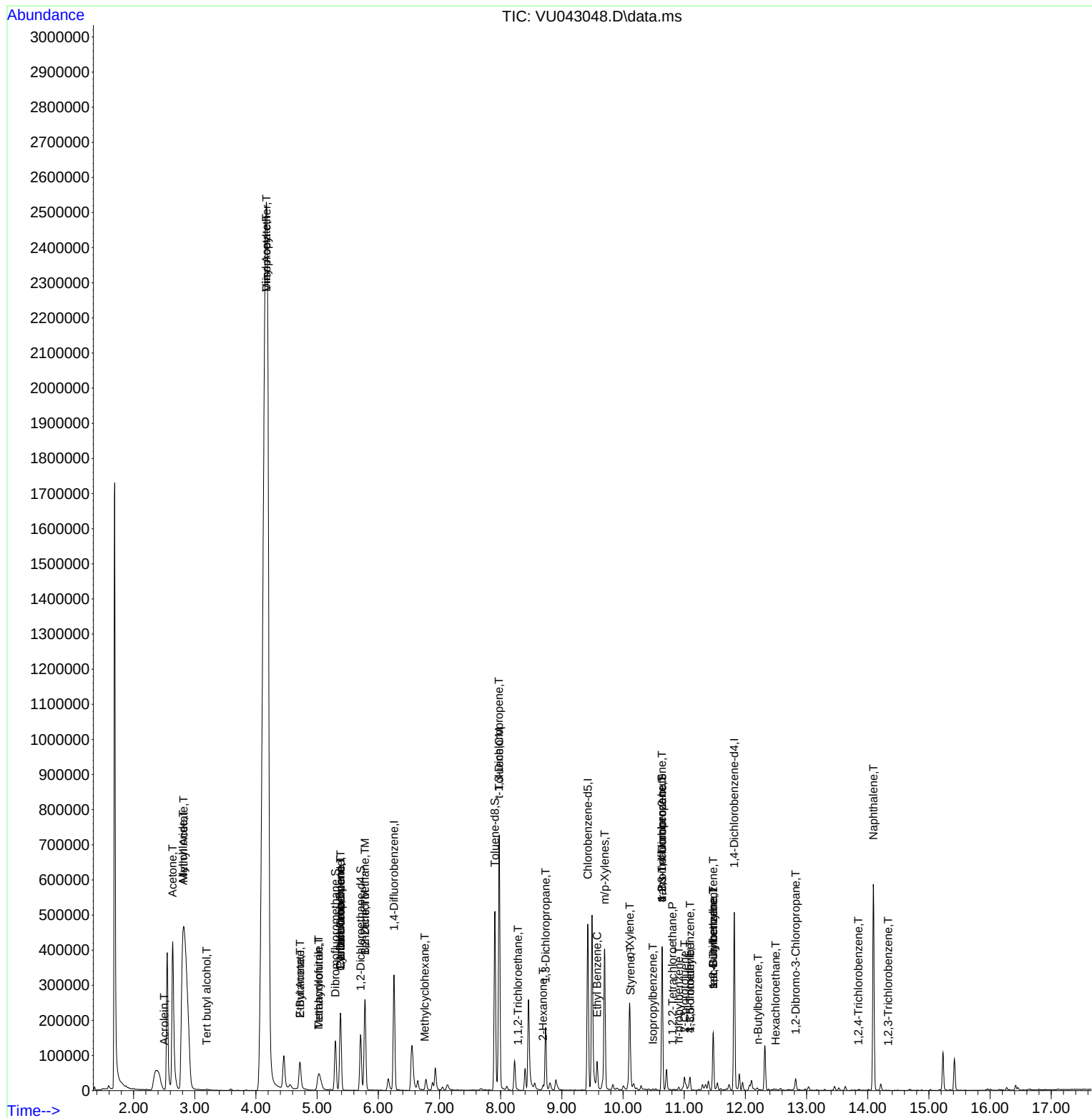
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 74860    | 10.42 | ug/l   | 86       |
| 85) sec-Butylbenzene          | 11.475 | 105  | 74860    | 9.29  | ug/l # | 56       |
| 89) n-Butylbenzene            | 12.208 | 91   | 1491     | 0.21  | ug/l # | 27       |
| 90) Hexachloroethane          | 12.494 | 117  | 330      | 0.24  | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 12.822 | 75   | 422      | 0.43  | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 124      | 1.55  | ug/l # | 13       |
| 95) Naphthalene               | 14.092 | 128  | 426596   | 49.97 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 43       | 1.48  | ug/l # | 1        |

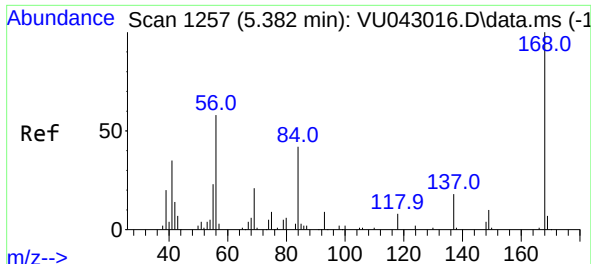
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041321\  
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Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

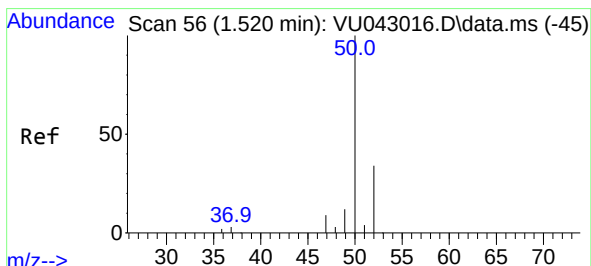
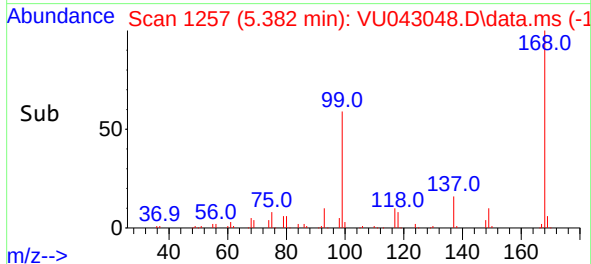
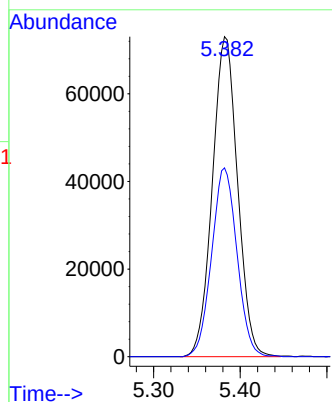
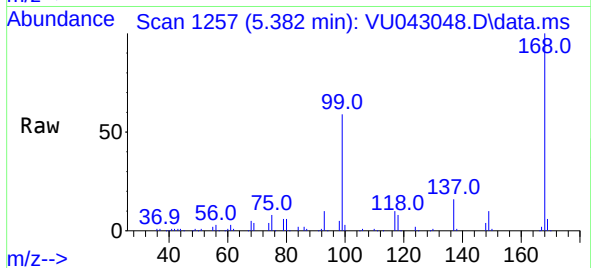




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

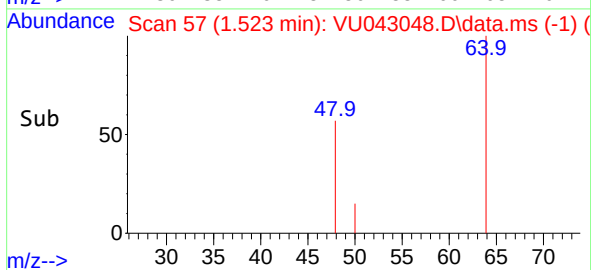
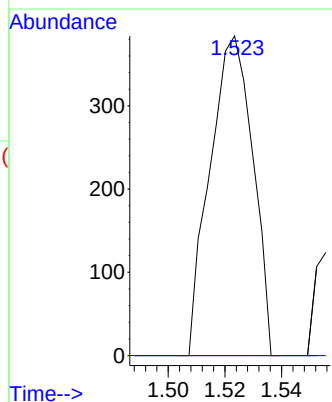
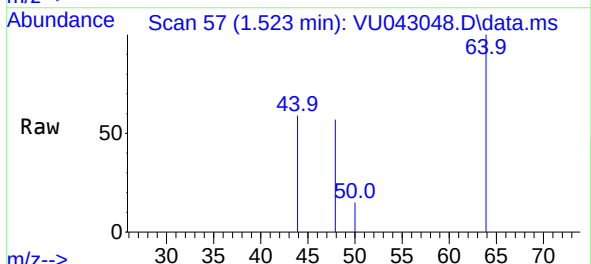
Instrument :  
MSVOA\_U  
ClientSampleId :

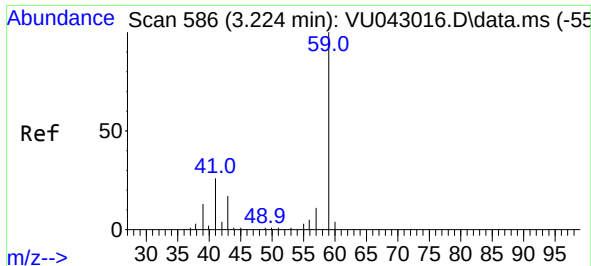
Tgt Ion:168 Resp: 147715  
Ion Ratio Lower Upper  
168 100  
99 59.0 45.0 67.4



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 50 Resp: 403  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.6 40.0#



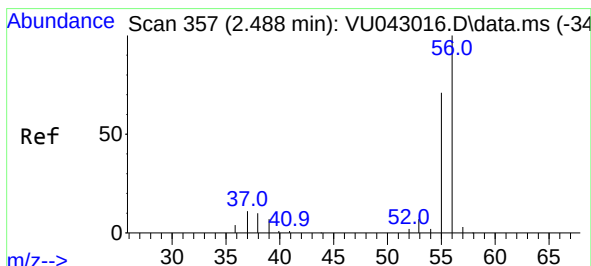
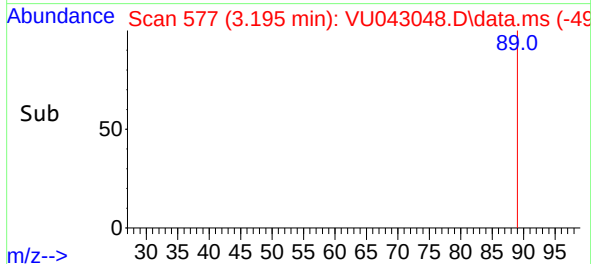
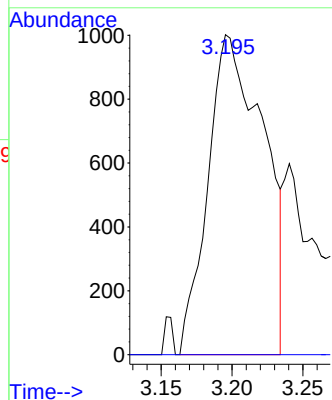
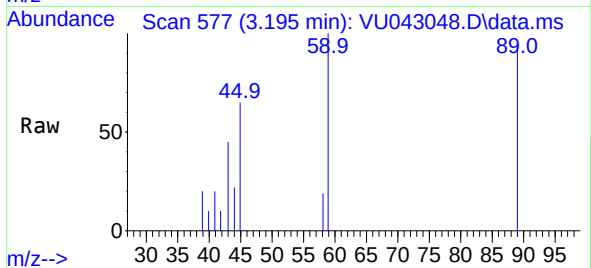


#11

Tert butyl alcohol  
Concen: 4.27 ug/l  
RT: 3.195 min Scan# 577  
Delta R.T. -0.029 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Instrument :  
MSVOA\_U  
ClientSampled :

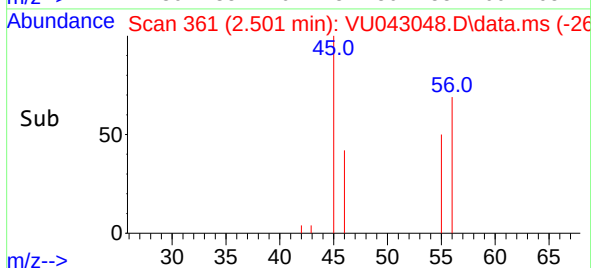
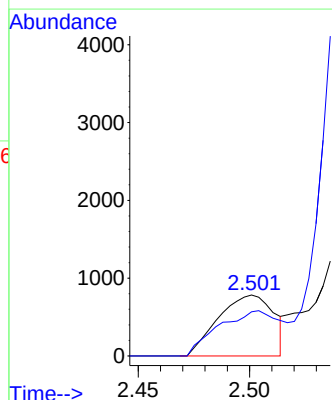
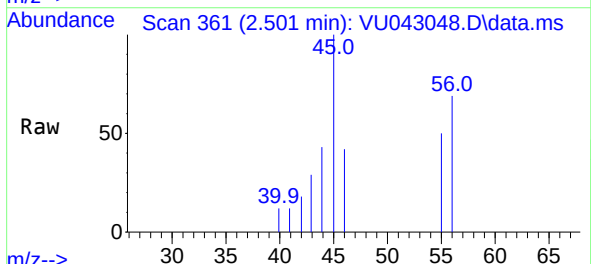
Tgt Ion: 59 Resp: 2733  
Ion Ratio Lower Upper  
59 100  
57 0.0 1.6 2.4#

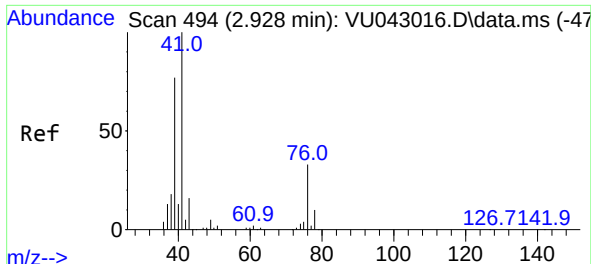


#13

Acrolein  
Concen: 13.69 ug/l  
RT: 2.501 min Scan# 361  
Delta R.T. 0.013 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

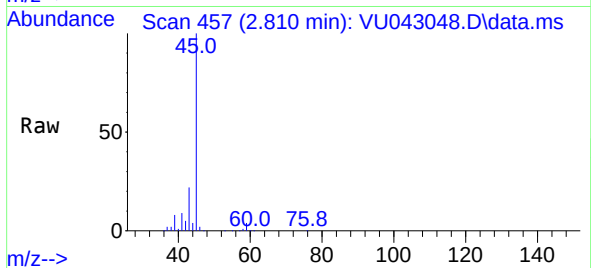
Tgt Ion: 56 Resp: 1360  
Ion Ratio Lower Upper  
56 100  
55 83.5 57.3 85.9



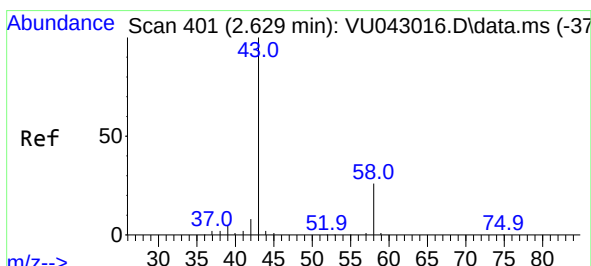
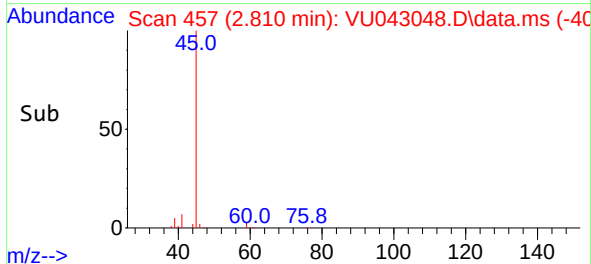
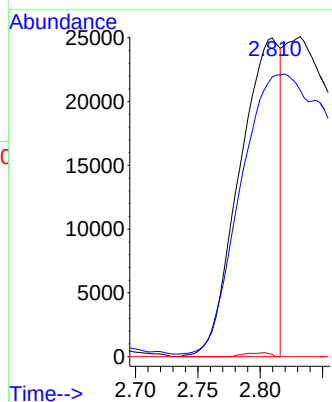


#14  
Allyl chloride  
Concen: 16.75 ug/l  
RT: 2.810 min Scan# 457  
Delta R.T. -0.118 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Instrument :  
MSVOA\_U  
ClientSampled :

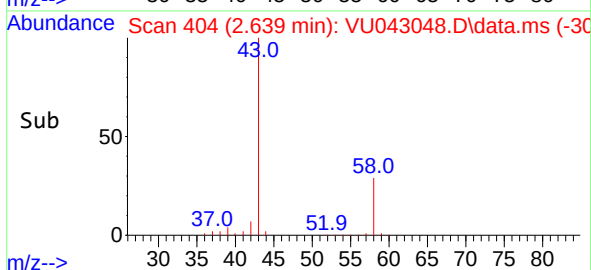
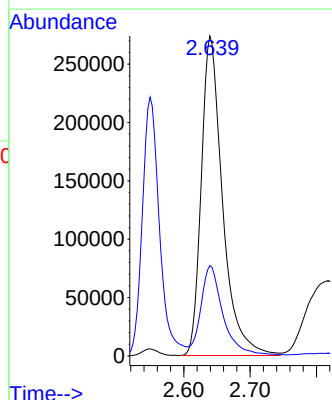
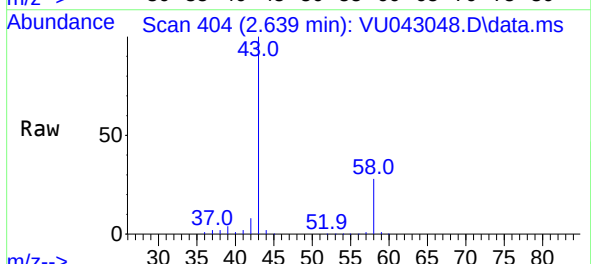


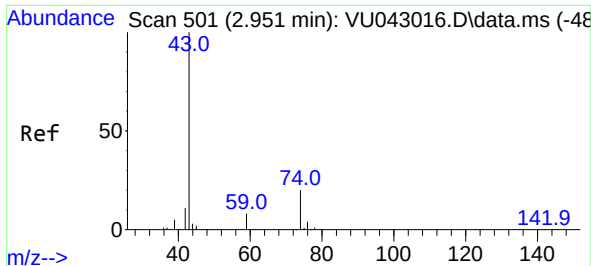
Tgt Ion: 41 Resp: 56200  
Ion Ratio Lower Upper  
41 100  
39 256.6 54.9 82.3#  
76 0.8 22.5 33.7#



#16  
Acetone  
Concen: 417.51 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 43 Resp: 609848  
Ion Ratio Lower Upper  
43 100  
58 27.9 21.5 32.3

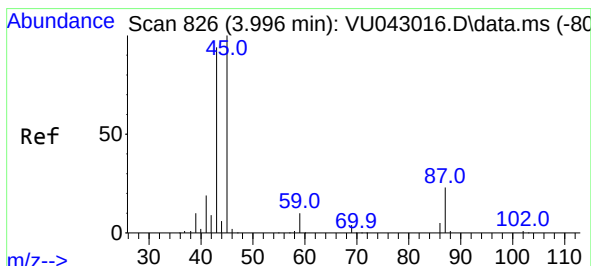
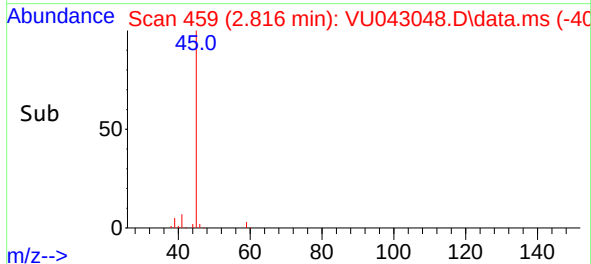
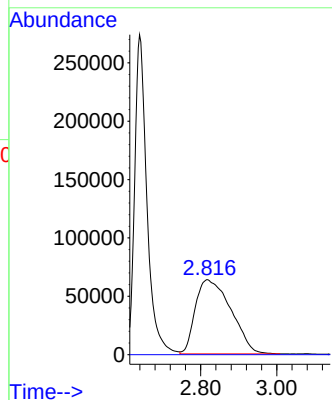
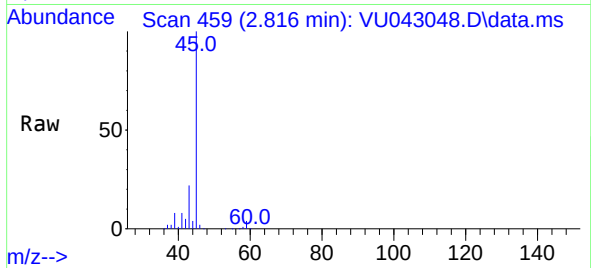




#18  
Methyl Acetate  
Concen: 133.58 ug/l  
RT: 2.816 min Scan# 459  
Delta R.T. -0.135 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

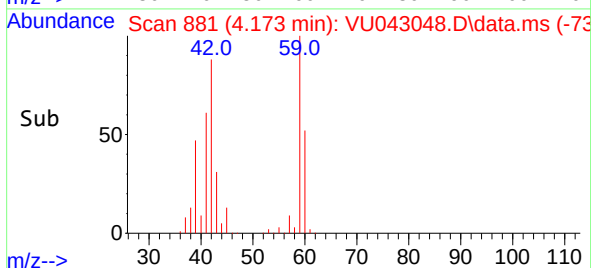
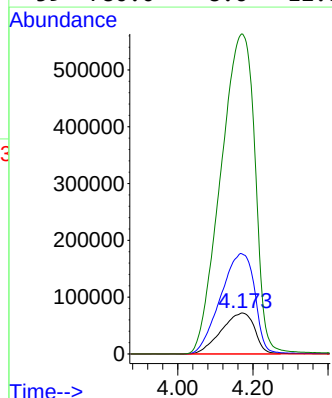
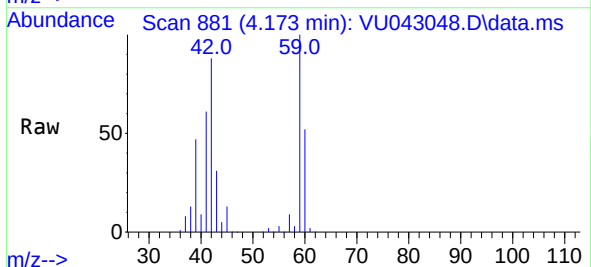
Instrument :  
MSVOA\_U  
ClientSampled :

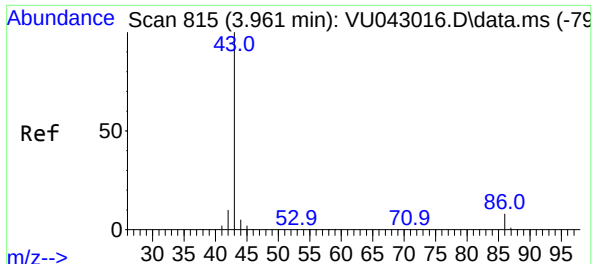
Tgt Ion: 43 Resp: 414644  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.6 25.0#



#22  
Diisopropyl ether  
Concen: 69.81 ug/l  
RT: 4.173 min Scan# 881  
Delta R.T. 0.177 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 45 Resp: 448149  
Ion Ratio Lower Upper  
45 100  
43 243.0 73.0 109.6#  
87 0.0 19.5 29.3#  
59 780.0 8.6 12.8#

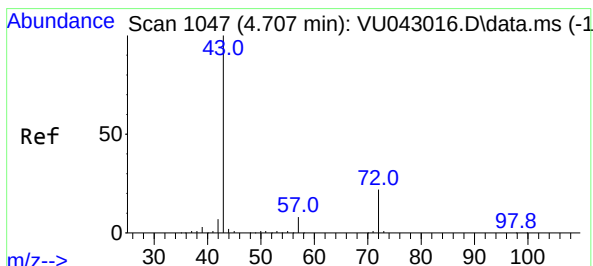
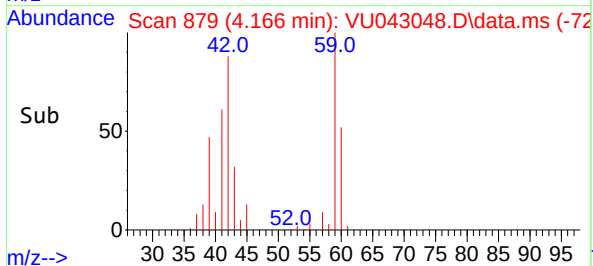
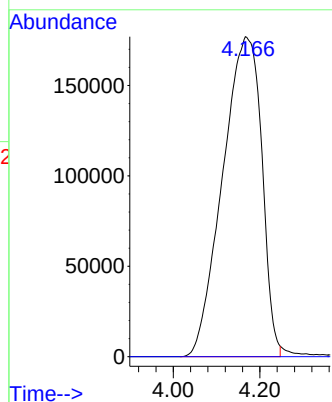
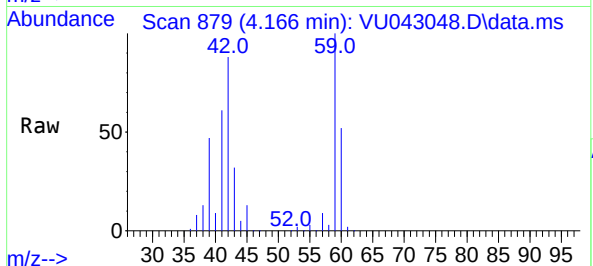




#23  
 Vinyl Acetate  
 Concen: 178.68 ug/l  
 RT: 4.166 min Scan# 879  
 Delta R.T. 0.205 min  
 Lab File: VU043048.D  
 Acq: 13 Apr 2021 13:55

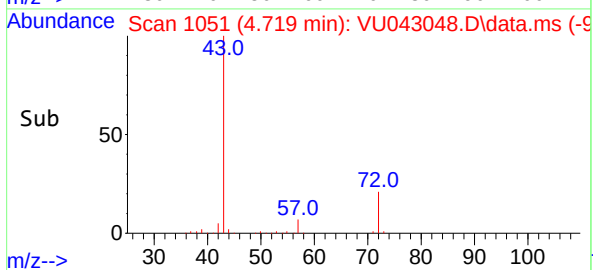
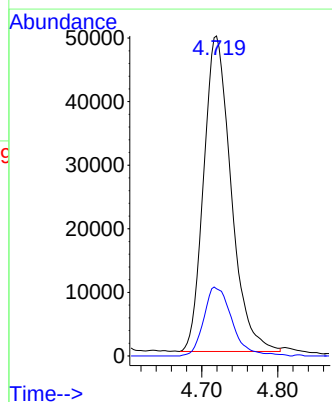
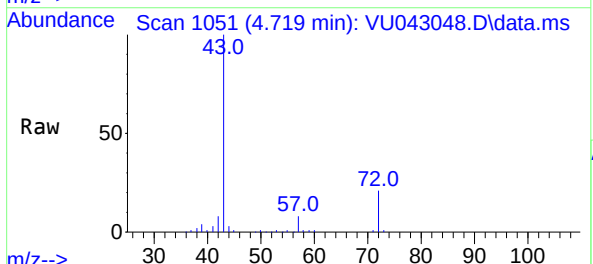
Instrument :  
 MSVOA\_U  
 ClientSampled :

Tgt Ion: 43 Resp: 1110006  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 6.7 10.1#

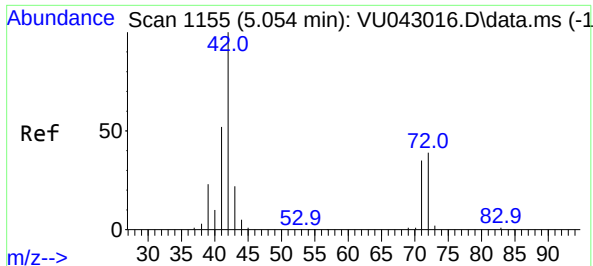


#25  
 2-Butanone  
 Concen: 55.16 ug/l  
 RT: 4.719 min Scan# 1051  
 Delta R.T. 0.012 min  
 Lab File: VU043048.D  
 Acq: 13 Apr 2021 13:55

Tgt Ion: 43 Resp: 124431  
 Ion Ratio Lower Upper  
 43 100  
 72 21.3 17.4 26.0



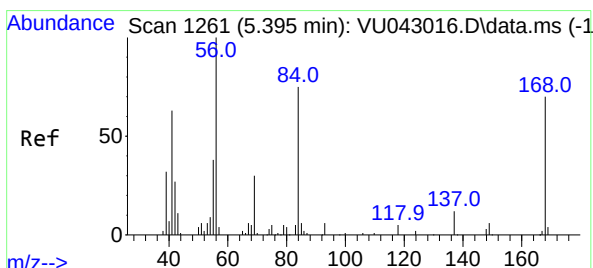
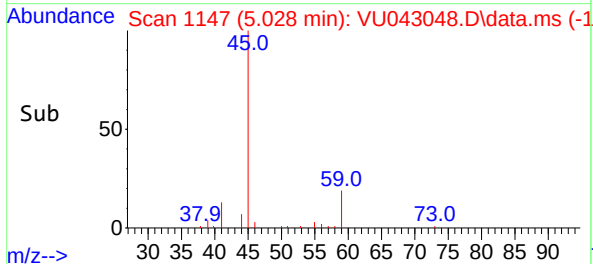
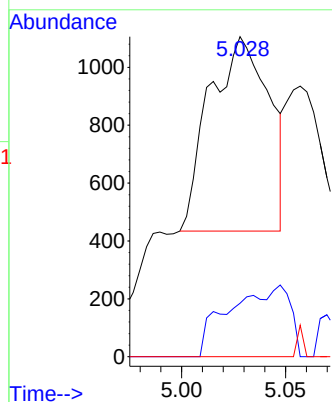
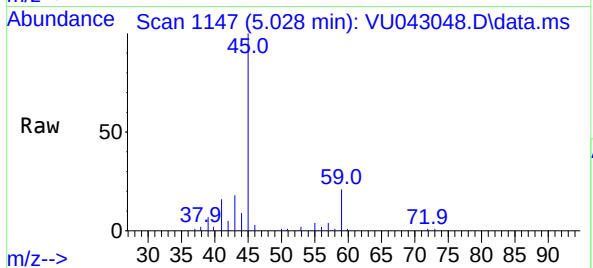




#29  
Tetrahydrofuran  
Concen: 0.94 ug/l  
RT: 5.028 min Scan# 1147  
Delta R.T. -0.026 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

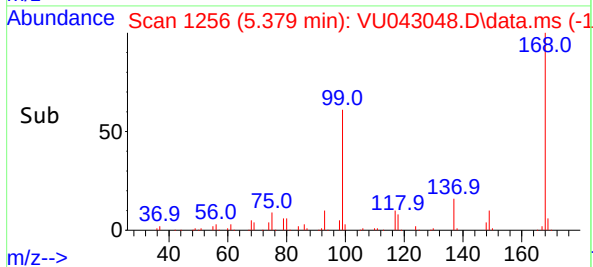
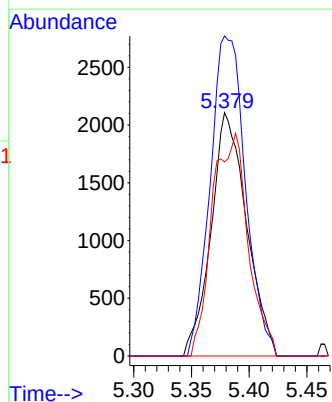
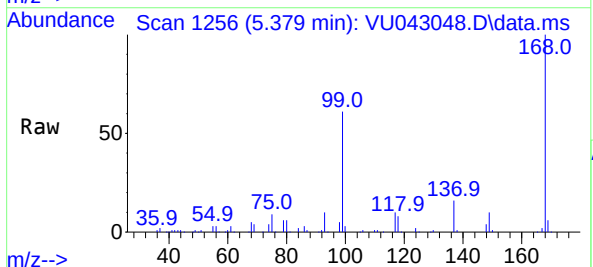
Instrument :  
MSVOA\_U  
ClientSampled :

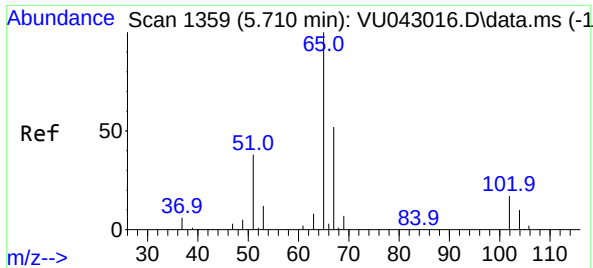
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1337  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 25.2  | 31.5  | 47.3# |
| 71       | 0.0   | 29.5  | 44.3# |



#31  
Cyclohexane  
Concen: 1.47 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.016 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 4495  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 131.5 | 24.9  | 37.3# |
| 84       | 79.7  | 63.7  | 95.5  |

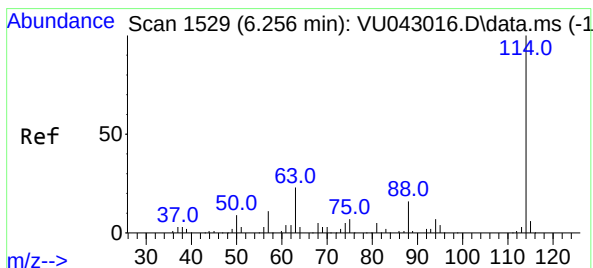
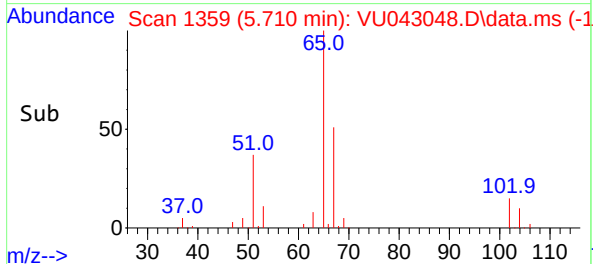
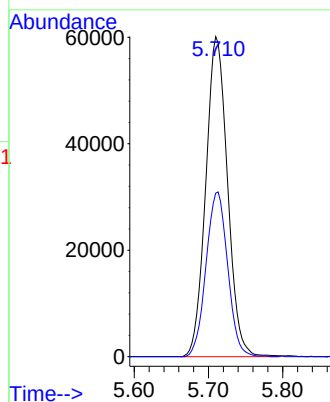
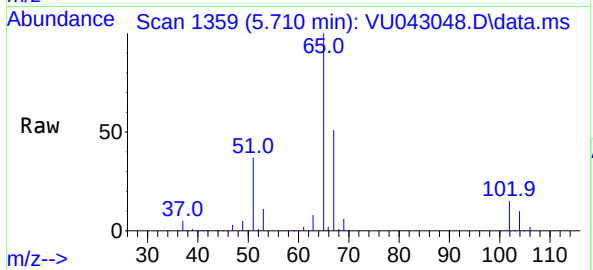




#33  
1,2-Dichloroethane-d4  
Concen: 49.29 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

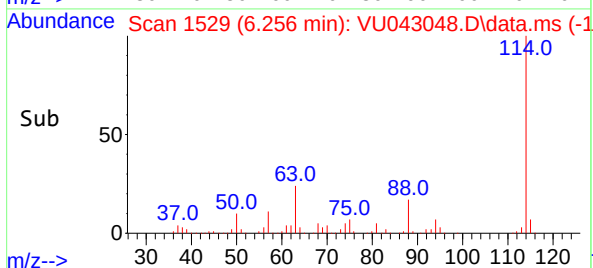
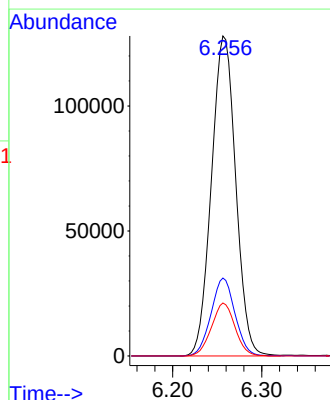
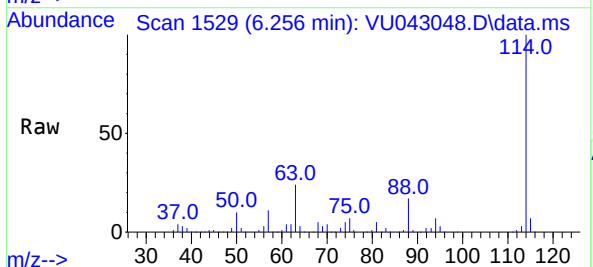
Instrument :  
MSVOA\_U  
ClientSampled :

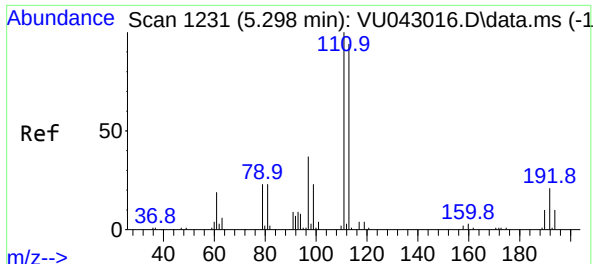
Tgt Ion: 65 Resp: 122397  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 114 Resp: 242569  
Ion Ratio Lower Upper  
114 100  
63 24.3 0.0 44.2  
88 16.5 0.0 33.4

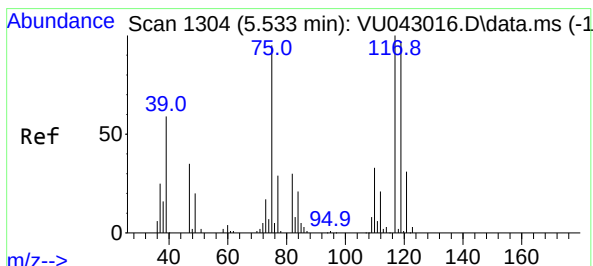
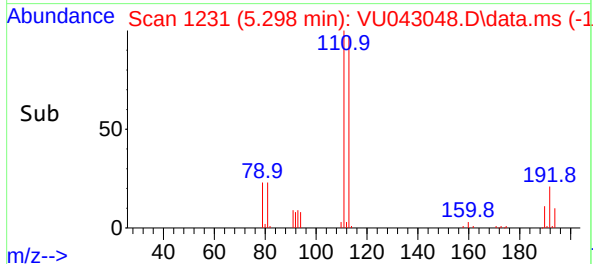
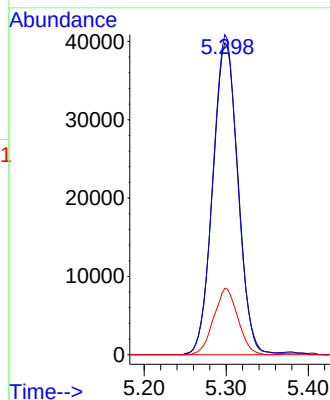
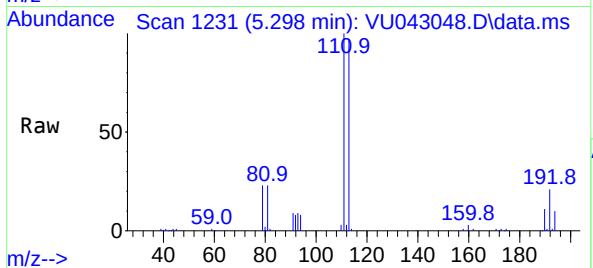




#35  
Dibromofluoromethane  
Concen: 46.89 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

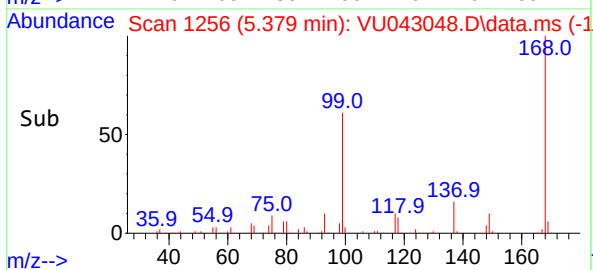
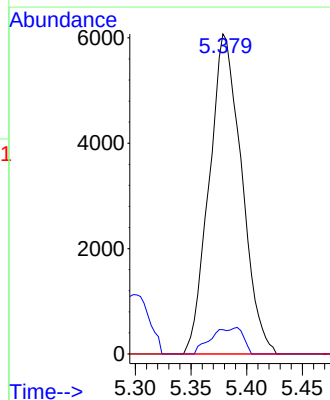
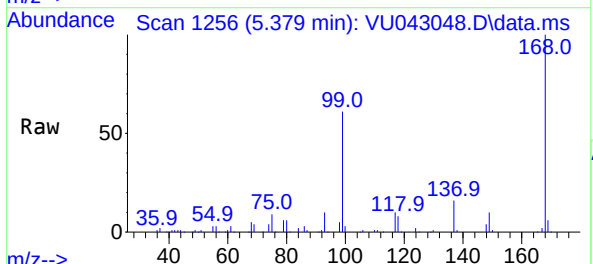
Instrument :  
MSVOA\_U  
ClientSampled :

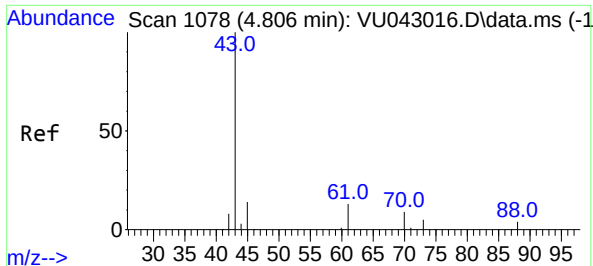
Tgt Ion:113 Resp: 85469  
Ion Ratio Lower Upper  
113 100  
111 100.6 81.8 122.8  
192 20.3 17.2 25.8



#36  
1,1-Dichloropropene  
Concen: 4.78 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.154 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 75 Resp: 12292  
Ion Ratio Lower Upper  
75 100  
110 4.5 16.8 50.3#  
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 28.28 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. -0.087 min

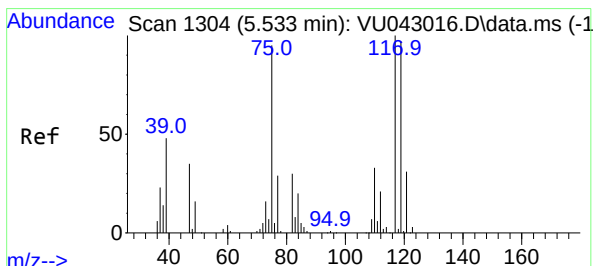
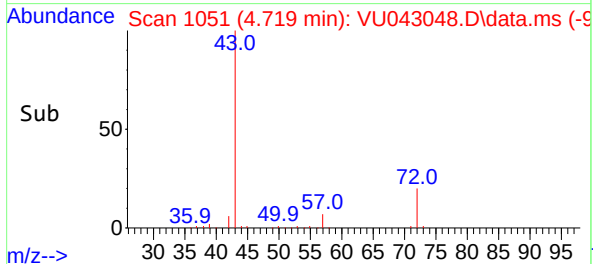
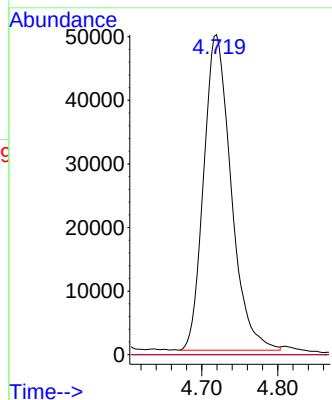
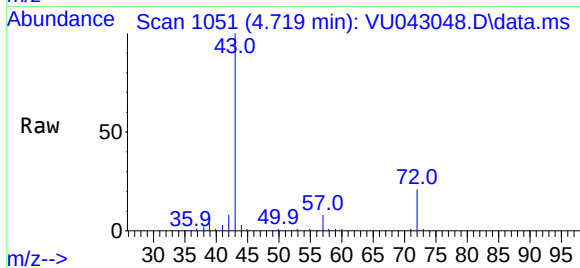
Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 124431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 0.0   | 10.1  | 15.1# |
| 70  | 0.0   | 7.2   | 10.8# |



#38

Carbon Tetrachloride

Concen: 5.44 ug/l

RT: 5.382 min Scan# 1257

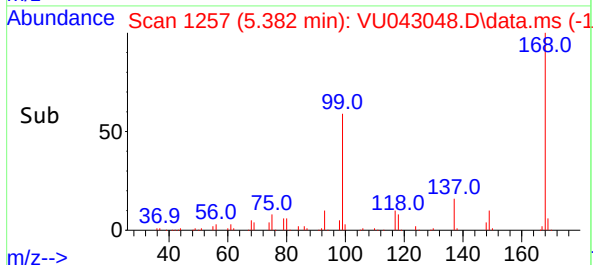
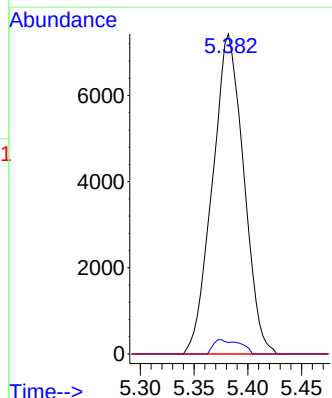
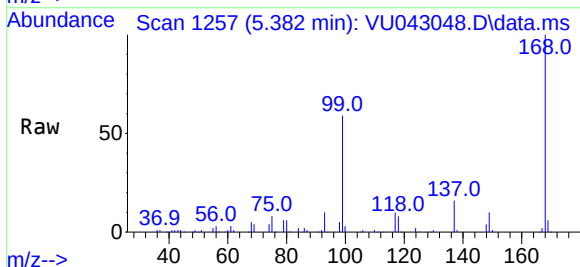
Delta R.T. -0.151 min

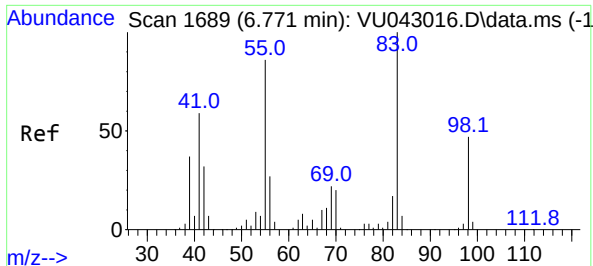
Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

Tgt Ion: 117 Resp: 14998

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 3.5   | 75.5  | 113.3# |
| 121 | 0.0   | 24.7  | 37.1#  |





#39

Methylcyclohexane

Concen: 0.35 ug/l

RT: 6.761 min Scan# 1686

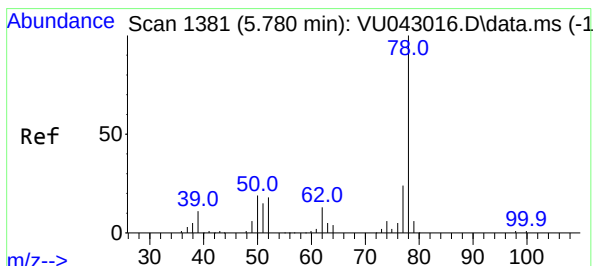
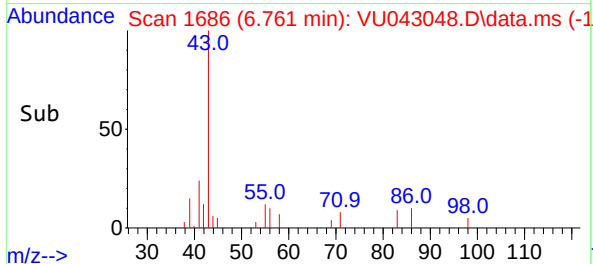
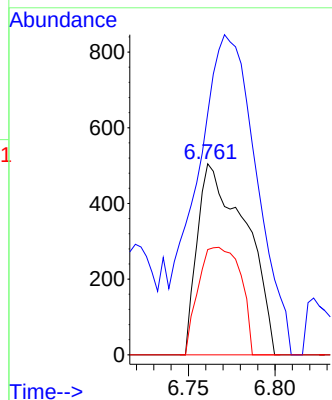
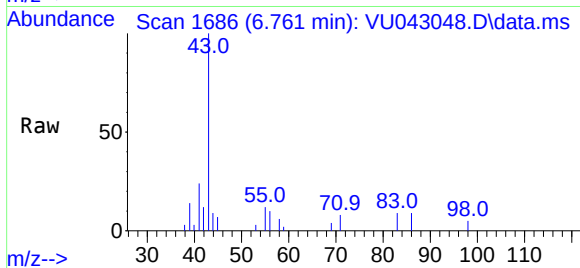
Delta R.T. -0.010 min

Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

Tgt Ion: 83 Resp: 978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 95.8  | 66.8  | 100.2 |
| 98  | 55.0  | 36.9  | 55.3  |



#40

Benzene

Concen: 29.25 ug/l

RT: 5.784 min Scan# 1382

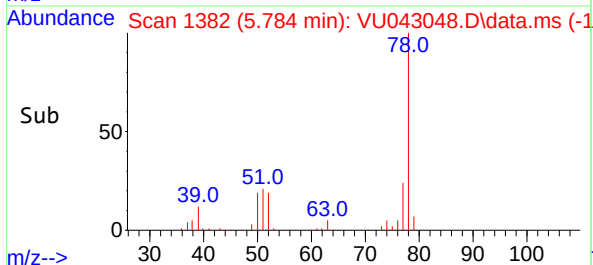
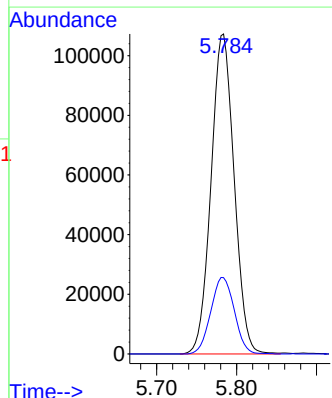
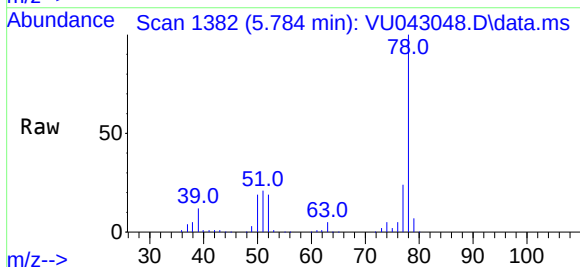
Delta R.T. 0.004 min

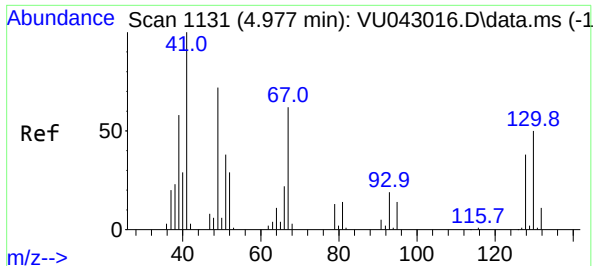
Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

Tgt Ion: 78 Resp: 215055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.8  | 19.3  | 28.9  |



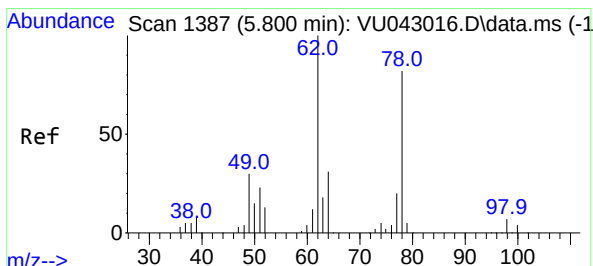
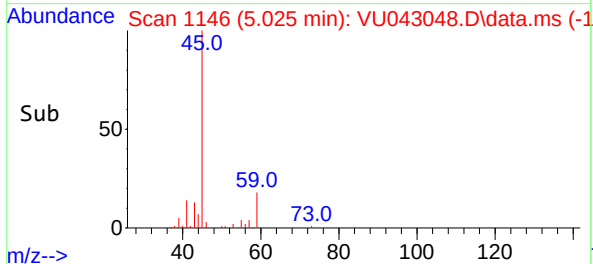
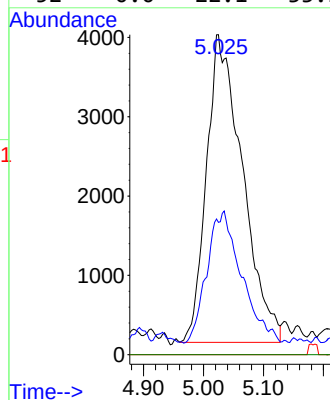
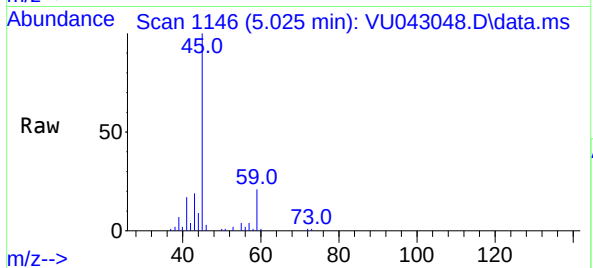


#41  
Methacrylonitrile  
Concen: 7.00 ug/l  
RT: 5.025 min Scan# 1146  
Delta R.T. 0.048 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 41 Resp: 16190

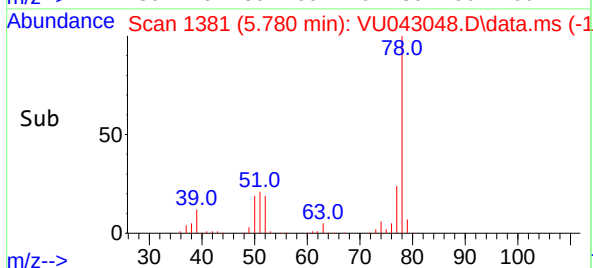
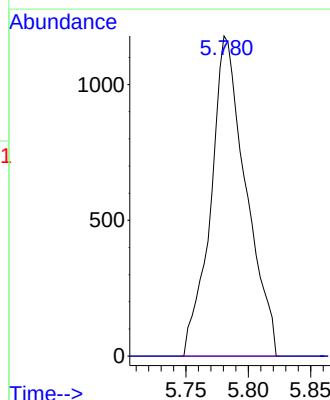
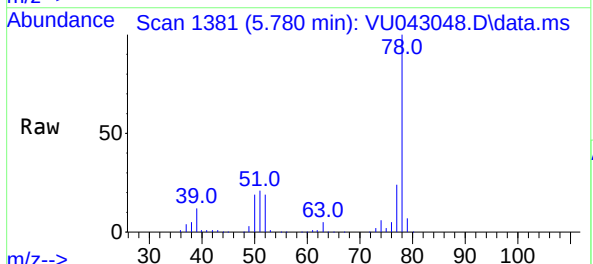
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 40.6  | 45.1  | 67.7# |
| 67  | 0.0   | 50.2  | 75.2# |
| 52  | 0.0   | 22.1  | 33.1# |

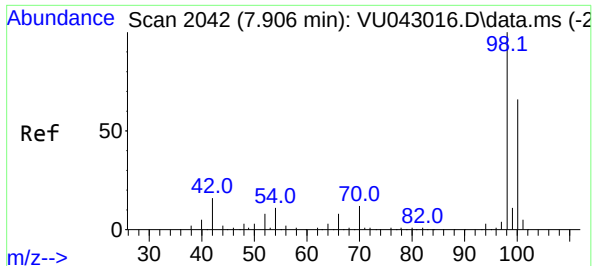


#42  
1,2-Dichloroethane  
Concen: 0.71 ug/l  
RT: 5.780 min Scan# 1381  
Delta R.T. -0.020 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 62 Resp: 2315

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 0.0   | 0.0   | 14.8  |

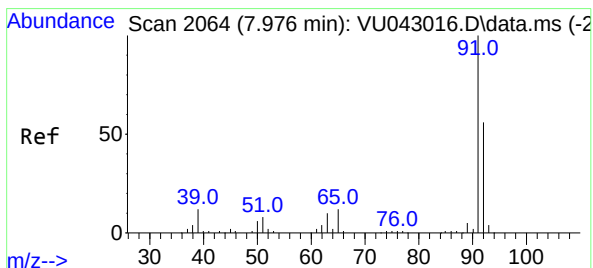
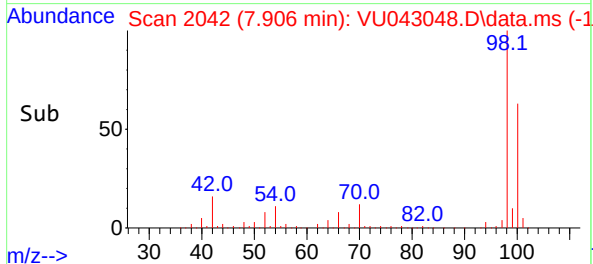
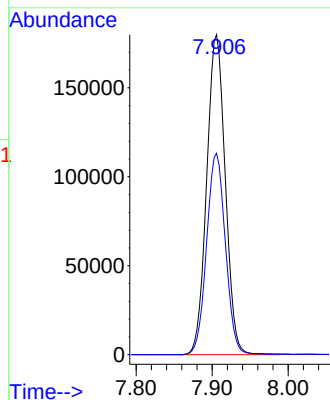
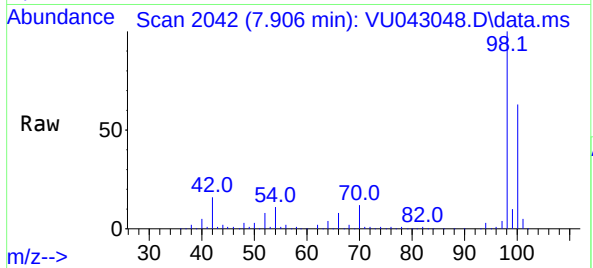




#50  
Toluene-d8  
Concen: 47.41 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

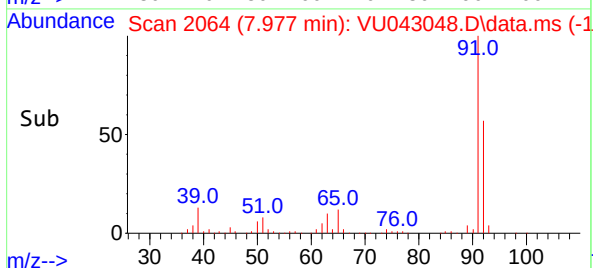
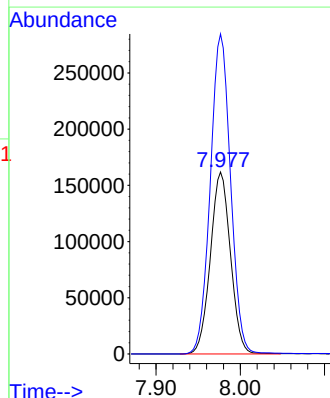
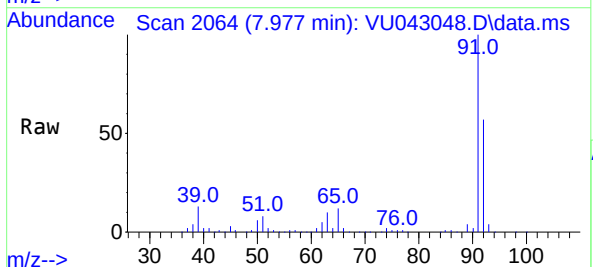
Instrument :  
MSVOA\_U  
ClientSampled :

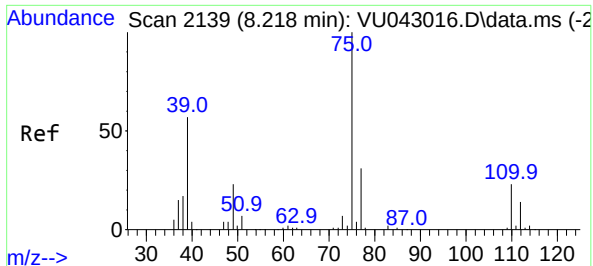
Tgt Ion: 98 Resp: 305768  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.2 75.2



#52  
Toluene  
Concen: 58.80 ug/l  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.001 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 92 Resp: 268039  
Ion Ratio Lower Upper  
92 100  
91 177.5 140.3 210.5

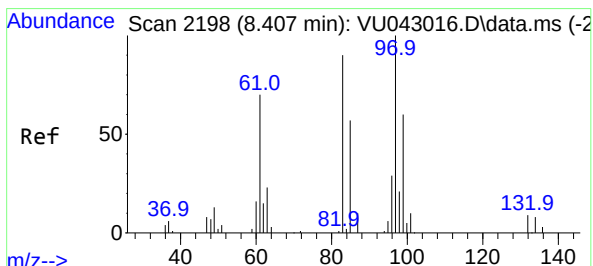
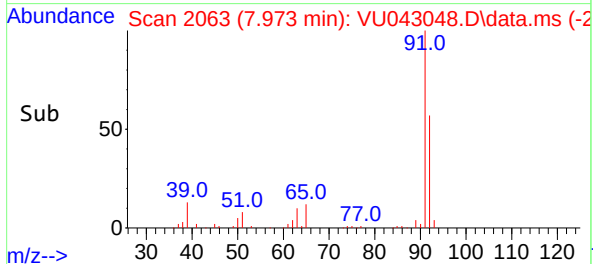
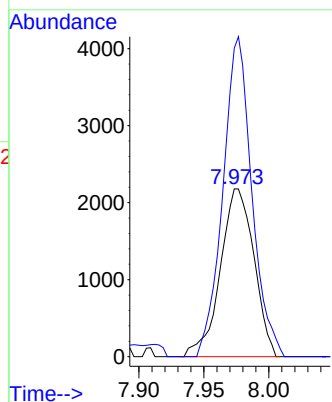
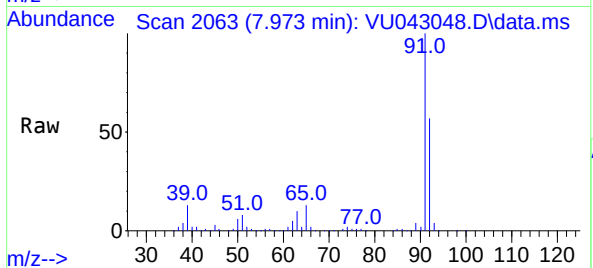




#53  
t-1,3-Dichloropropene  
Concen: 1.23 ug/l  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.245 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

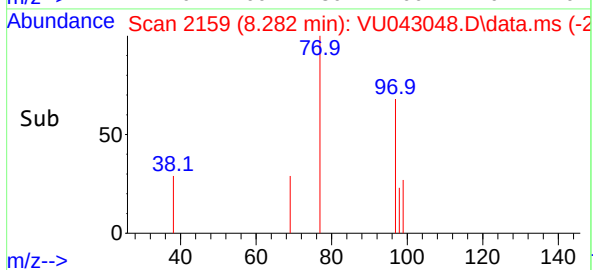
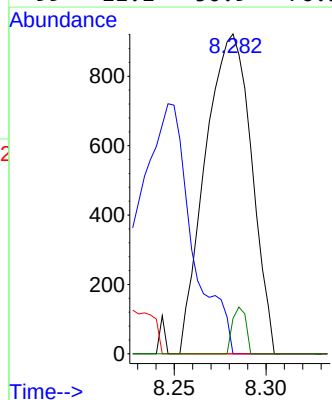
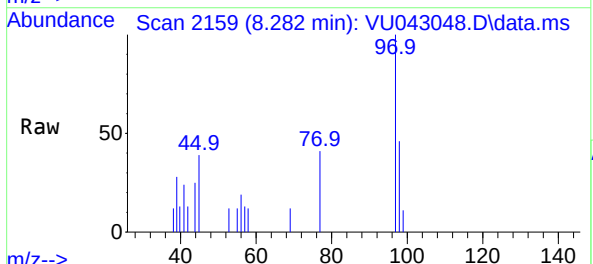
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 75 Resp: 3922  
Ion Ratio Lower Upper  
75 100  
77 183.8 25.6 38.4#

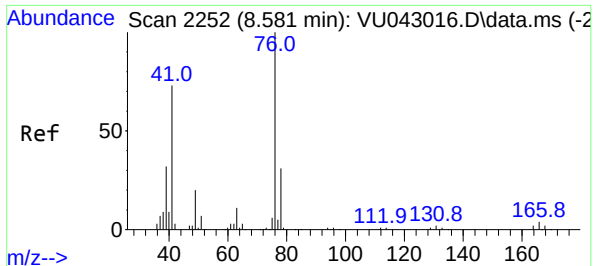


#55  
1,1,2-Trichloroethane  
Concen: 0.83 ug/l  
RT: 8.282 min Scan# 2159  
Delta R.T. -0.125 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 97 Resp: 1614  
Ion Ratio Lower Upper  
97 100  
83 0.0 72.6 109.0#  
85 0.0 46.6 69.8#  
99 11.1 50.9 76.3#



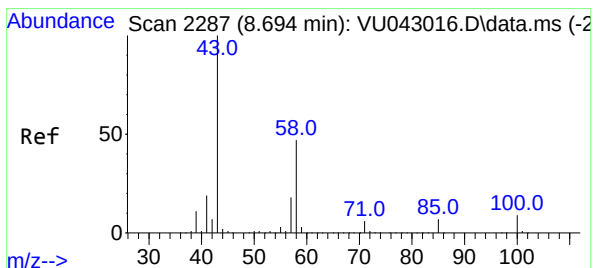
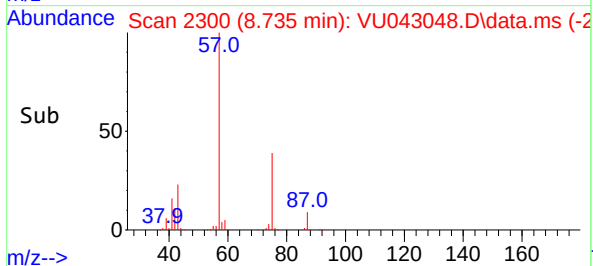
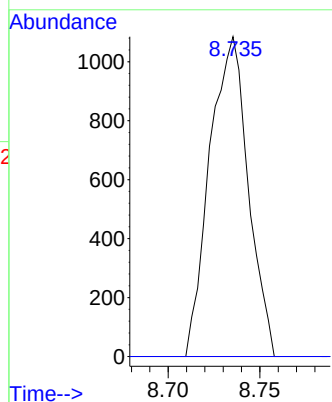
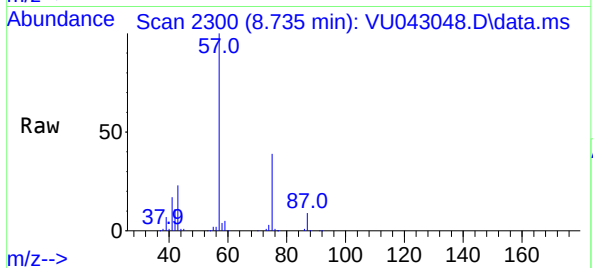




#57  
1,3-Dichloropropane  
Concen: 0.47 ug/l  
RT: 8.735 min Scan# 2300  
Delta R.T. 0.154 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

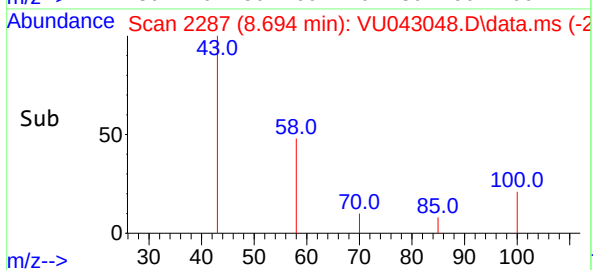
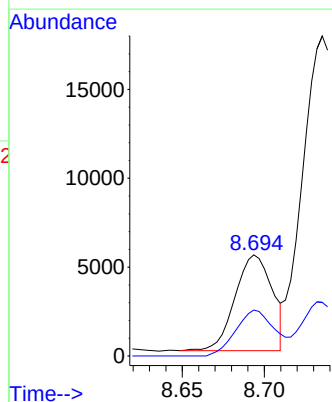
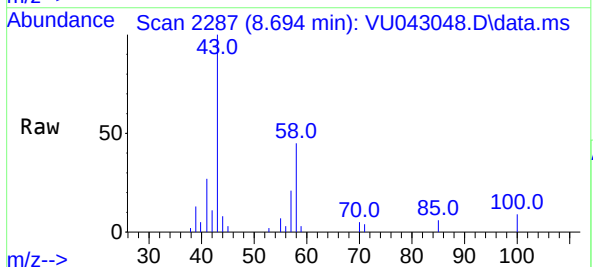
Instrument :  
MSVOA\_U  
ClientSampled :

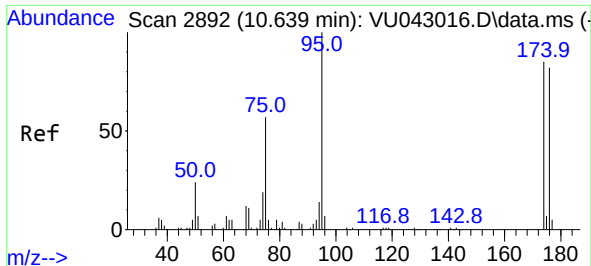
Tgt Ion: 76 Resp: 1588  
Ion Ratio Lower Upper  
76 100  
78 0.0 25.7 38.5#



#59  
2-Hexanone  
Concen: 2.23 ug/l  
RT: 8.694 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 43 Resp: 8522  
Ion Ratio Lower Upper  
43 100  
58 49.3 24.0 72.0

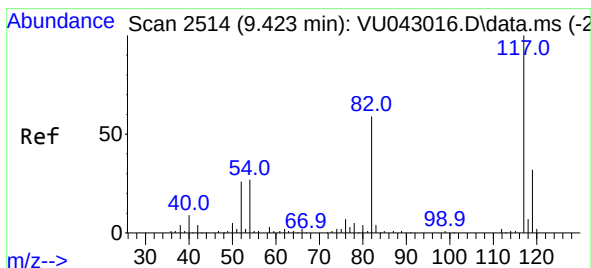
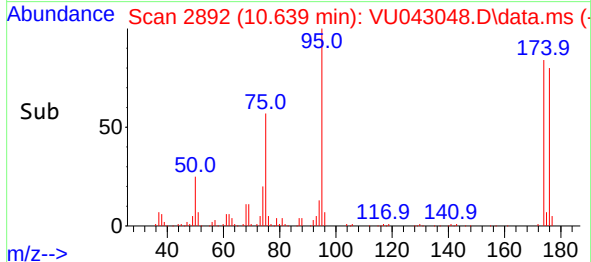
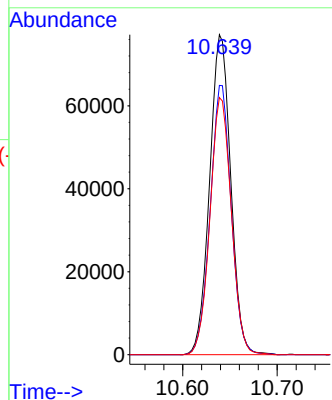
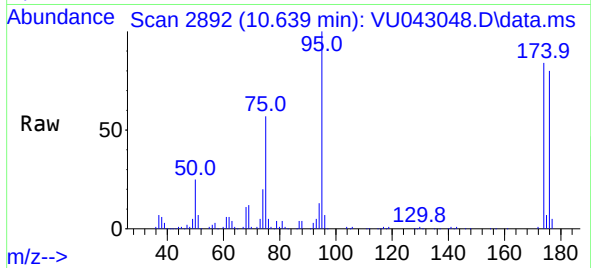




#62  
4-Bromofluorobenzene  
Concen: 46.36 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

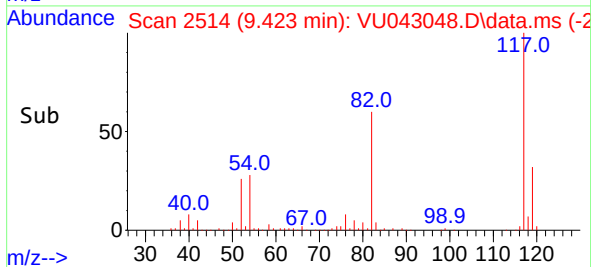
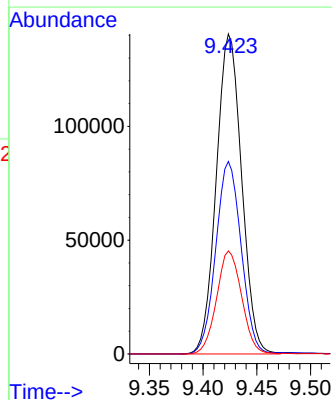
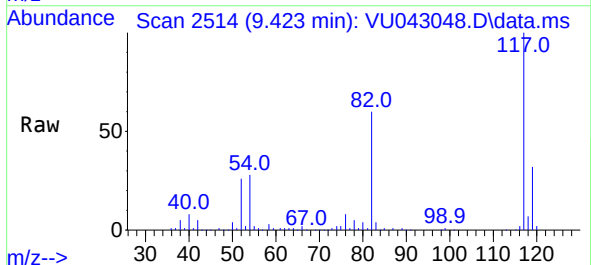
Instrument :  
MSVOA\_U  
ClientSampleId :

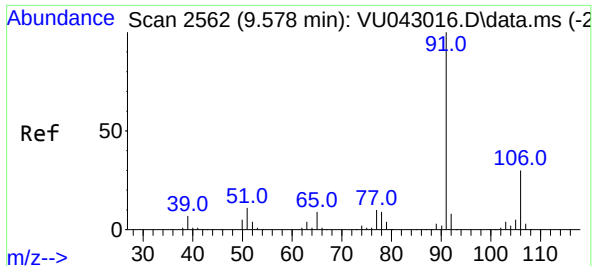
Tgt Ion: 95 Resp: 119747  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 172.2  
176 81.3 0.0 168.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 117 Resp: 230845  
Ion Ratio Lower Upper  
117 100  
82 60.2 45.8 68.6  
119 32.2 25.8 38.8

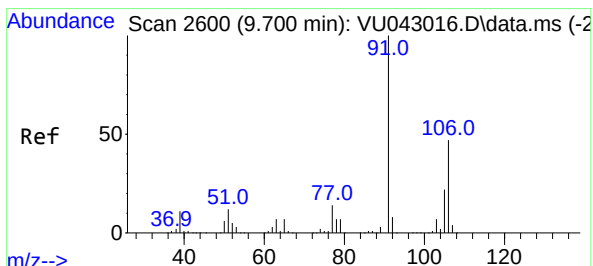
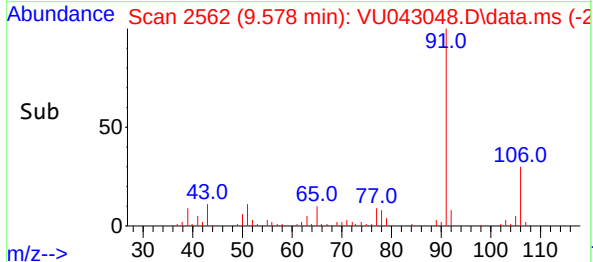
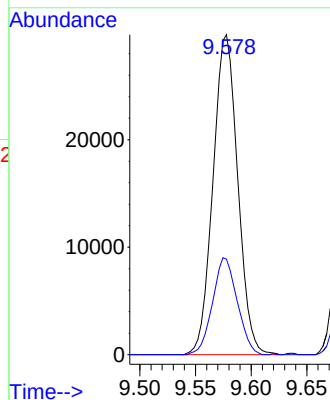
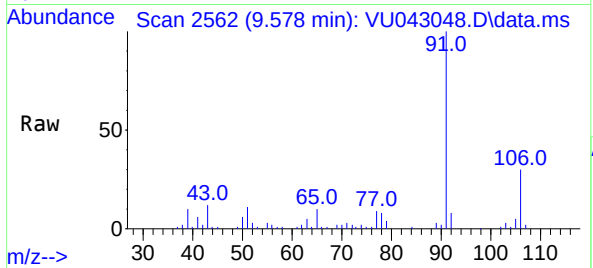




#67  
Ethyl Benzene  
Concen: 5.15 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

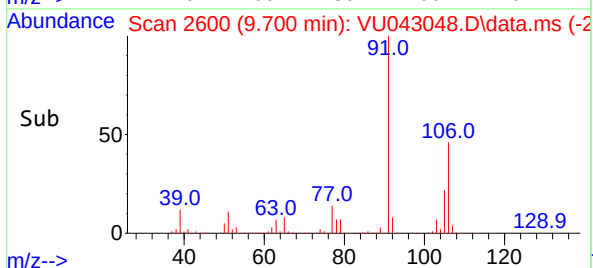
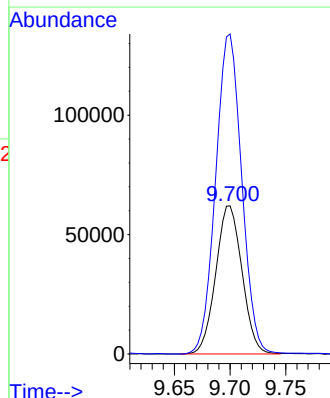
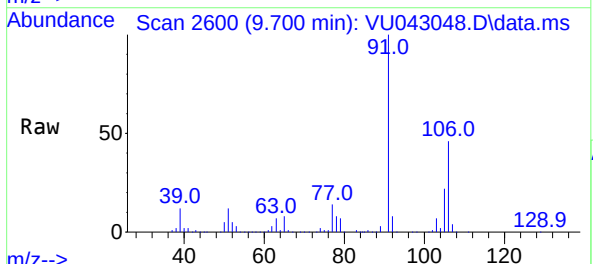
Instrument :  
MSVOA\_U  
ClientSampled :

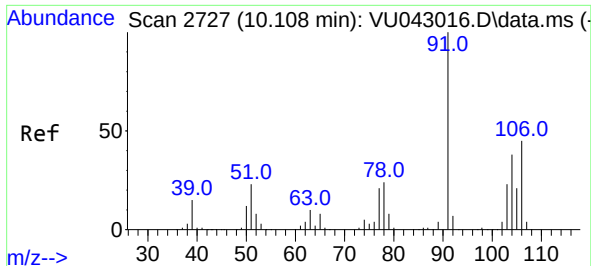
Tgt Ion: 91 Resp: 45979  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.1 36.1



#68  
m/p-Xylenes  
Concen: 30.79 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 106 Resp: 101782  
Ion Ratio Lower Upper  
106 100  
91 214.8 169.9 254.9

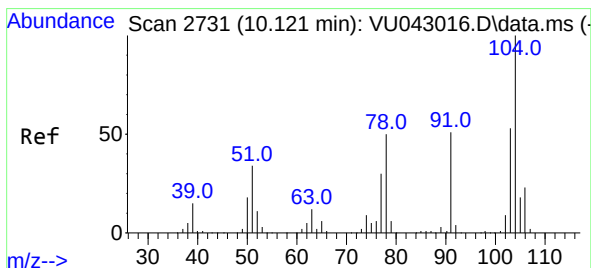
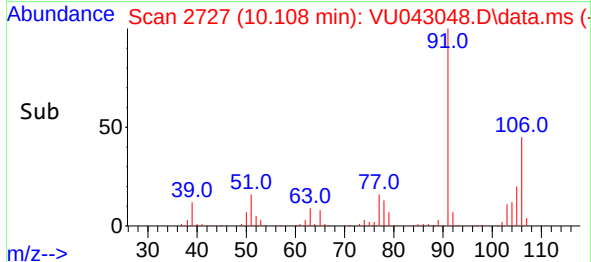
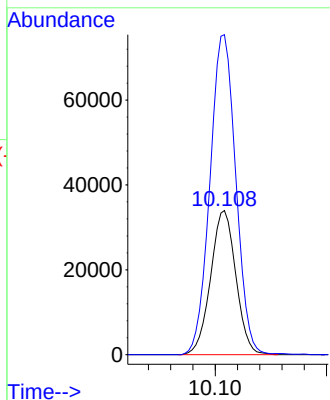
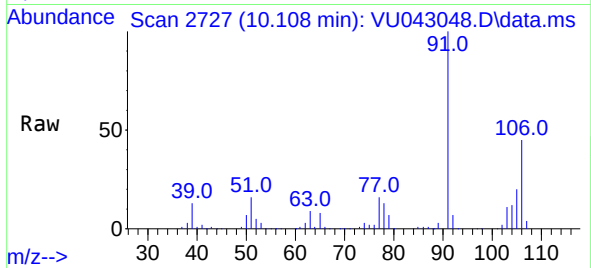




#69  
o-Xylene  
Concen: 16.58 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

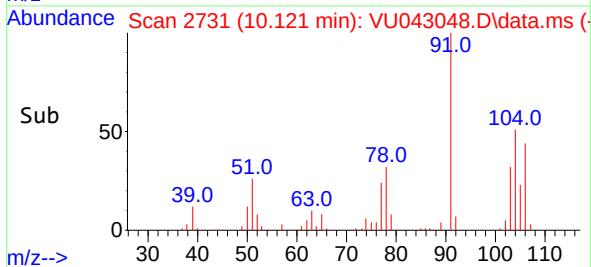
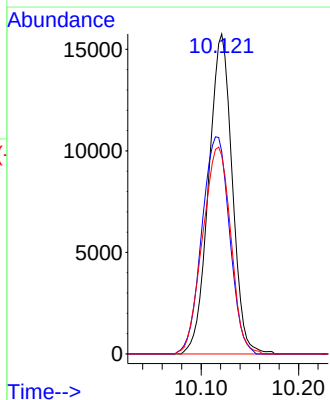
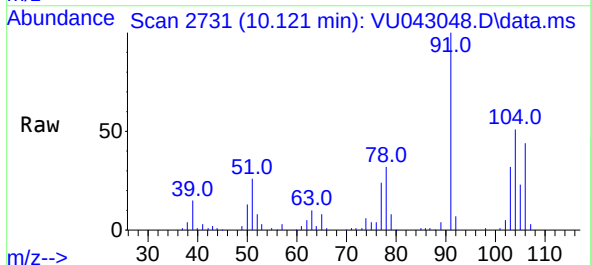
Instrument :  
MSVOA\_U  
ClientSampled :

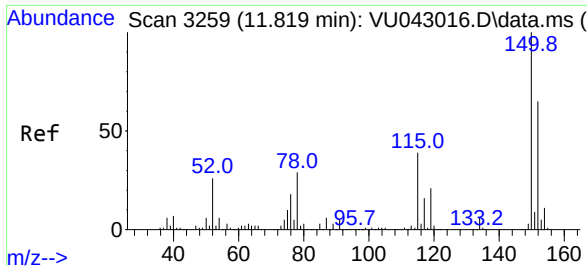
Tgt Ion:106 Resp: 53495  
Ion Ratio Lower Upper  
106 100  
91 227.1 111.2 333.6



#70  
Styrene  
Concen: 4.87 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion:104 Resp: 26444  
Ion Ratio Lower Upper  
104 100  
78 79.8 44.8 67.2#  
103 77.4 45.7 68.5#

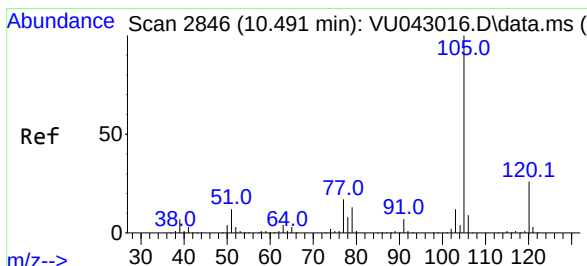
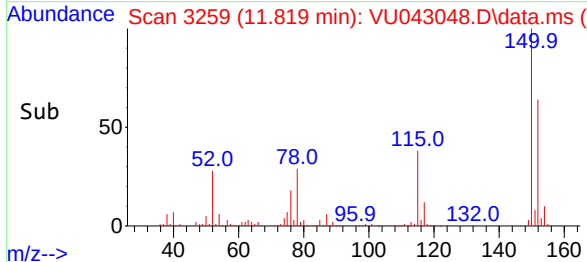
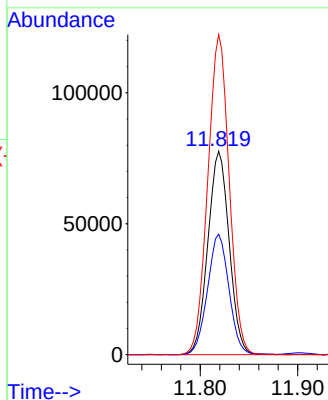
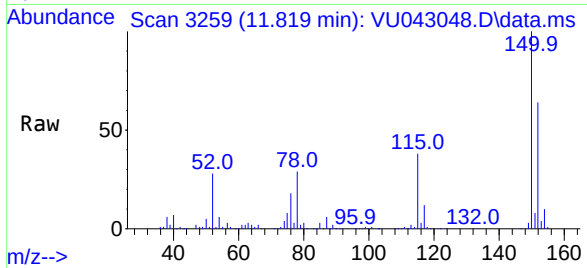




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

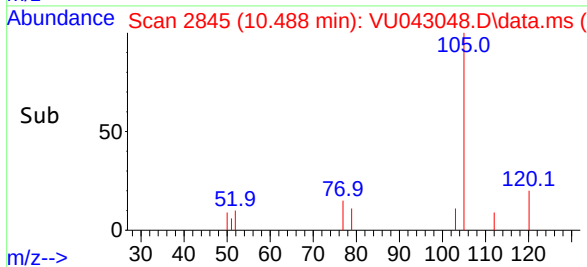
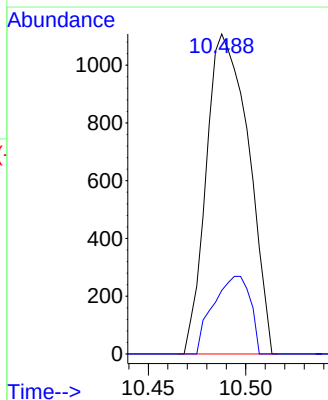
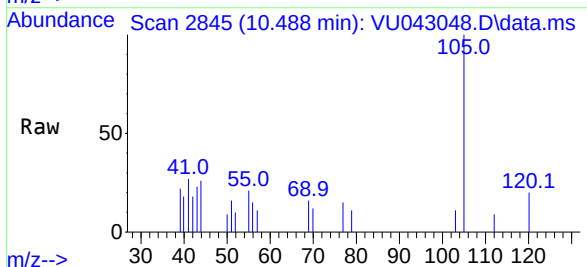
Instrument :  
MSVOA\_U  
ClientSampled :

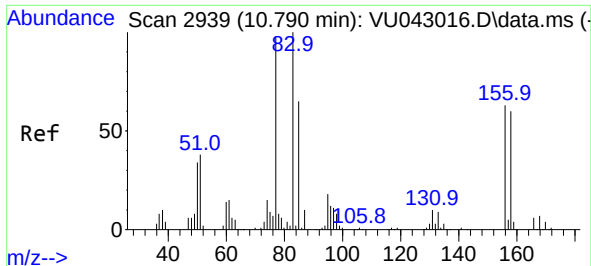
Tgt Ion:152 Resp: 118019  
Ion Ratio Lower Upper  
152 100  
115 59.8 41.5 124.6  
150 157.7 0.0 342.4



#73  
Isopropylbenzene  
Concen: 0.21 ug/l  
RT: 10.488 min Scan# 2845  
Delta R.T. -0.003 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion:105 Resp: 1670  
Ion Ratio Lower Upper  
105 100  
120 21.2 13.1 39.3

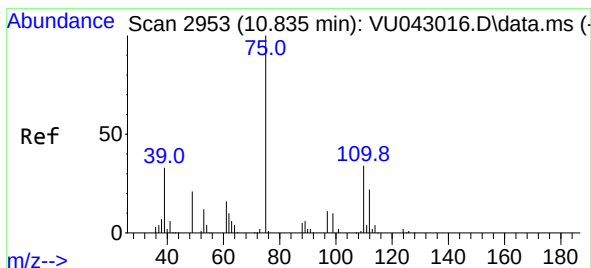
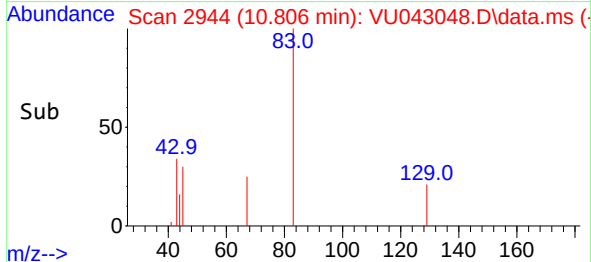
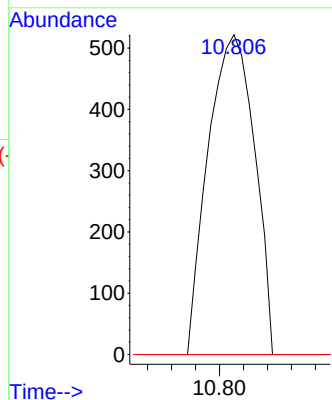
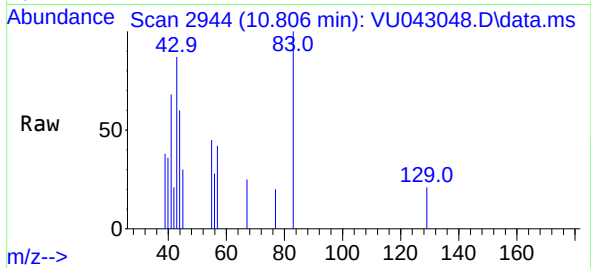




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.20 ug/l  
RT: 10.806 min Scan# 2944  
Delta R.T. 0.016 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

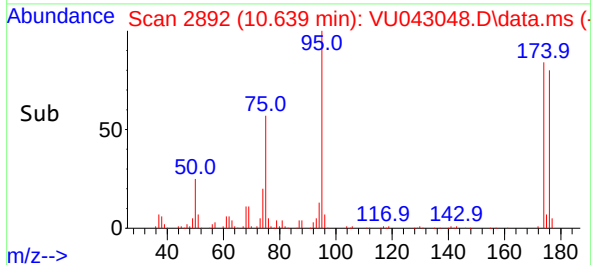
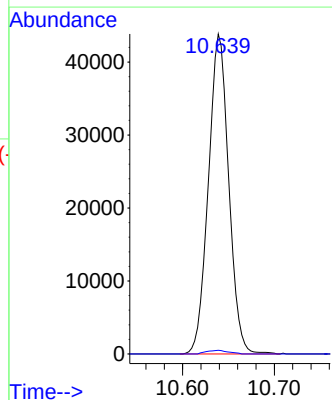
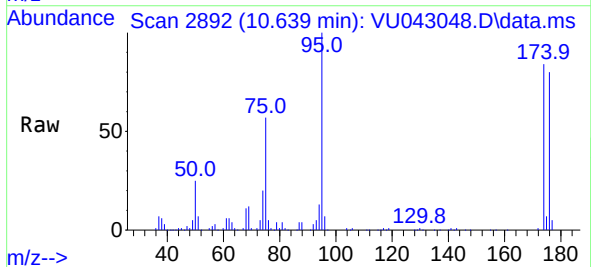
Instrument :  
MSVOA\_U  
ClientSampled :

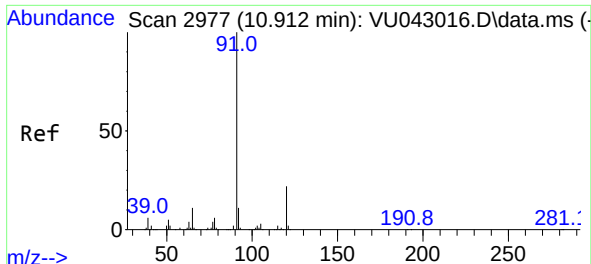
Tgt Ion: 83 Resp: 702  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.2#  
85 0.0 31.7 95.1#



#76  
1,2,3-Trichloropropane  
Concen: 19.58 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.196 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 75 Resp: 67511  
Ion Ratio Lower Upper  
75 100  
77 1.2 20.2 60.5#

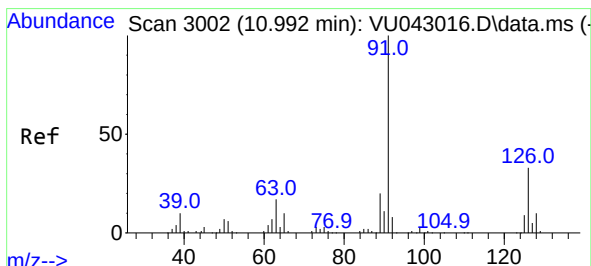
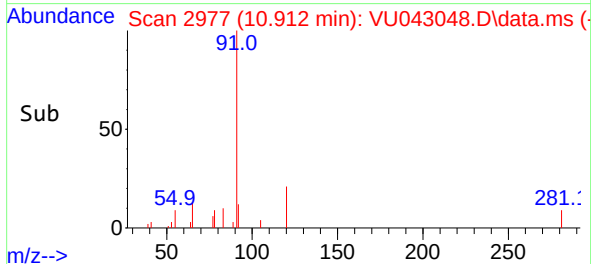
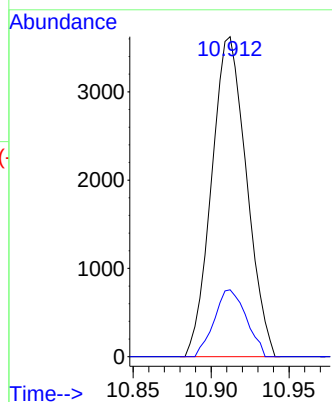
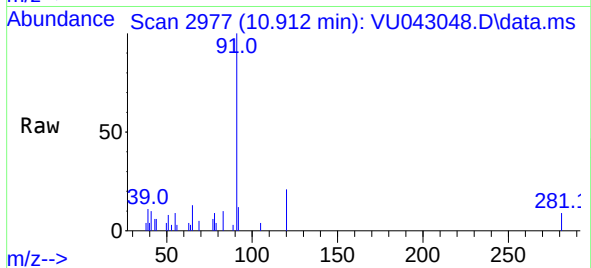




#78  
n-propylbenzene  
Concen: 0.59 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

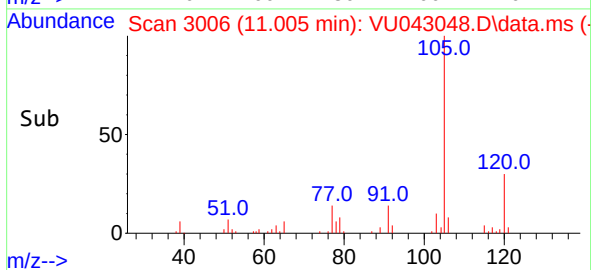
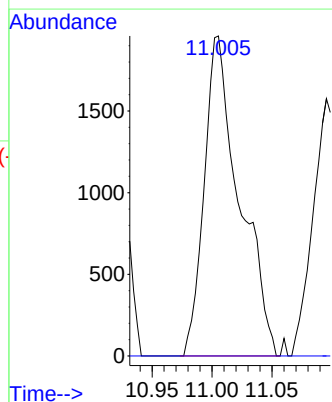
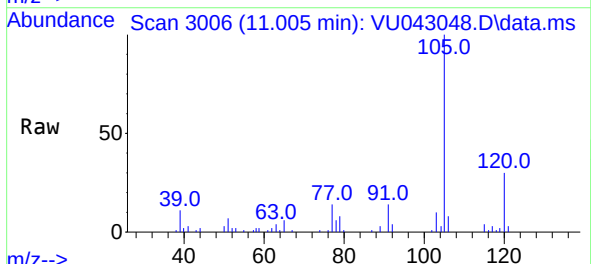
Instrument :  
MSVOA\_U  
ClientSampled :

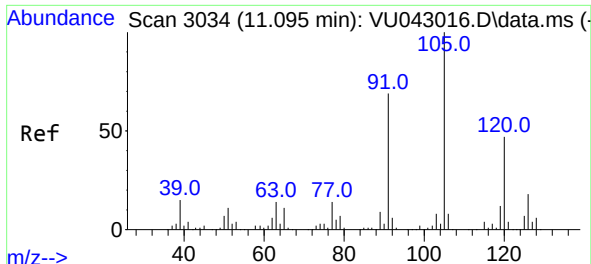
Tgt Ion: 91 Resp: 5632  
Ion Ratio Lower Upper  
91 100  
120 19.2 11.2 33.6



#79  
2-Chlorotoluene  
Concen: 0.70 ug/l  
RT: 11.005 min Scan# 3006  
Delta R.T. 0.013 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 91 Resp: 4010  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.0#

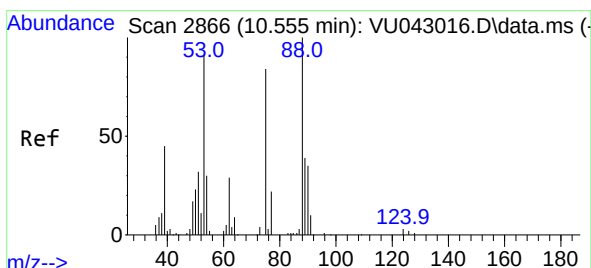
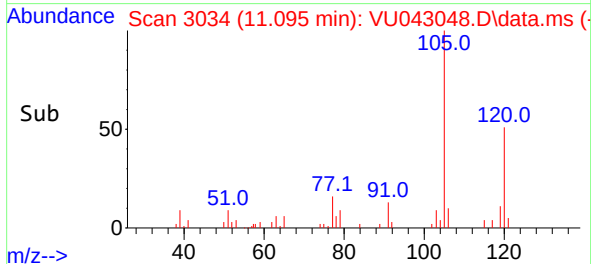
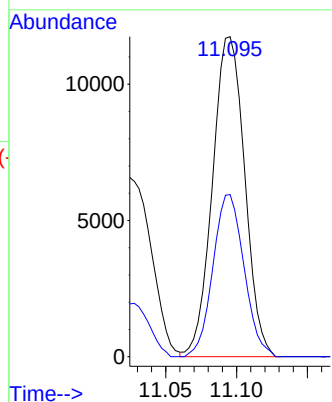
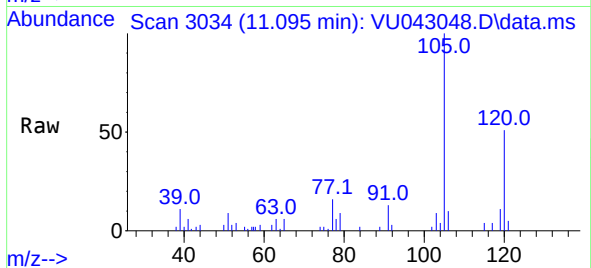




#80  
1,3,5-Trimethylbenzene  
Concen: 2.66 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

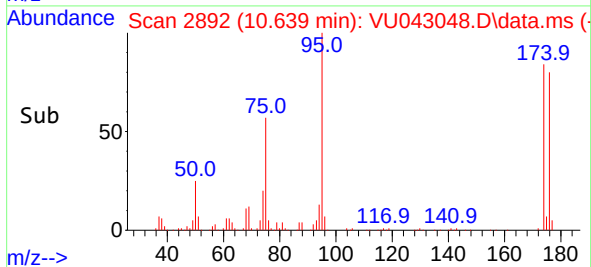
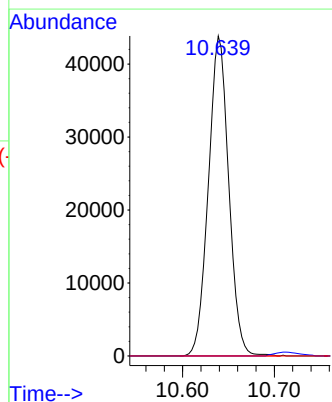
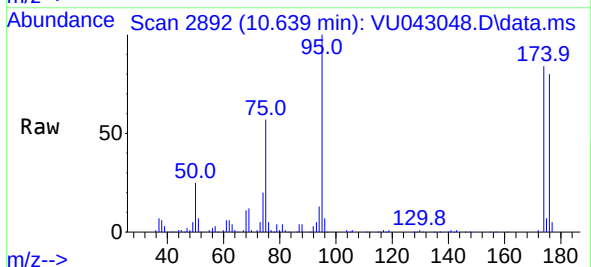
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:105 Resp: 18584  
Ion Ratio Lower Upper  
105 100  
120 48.8 23.8 71.4

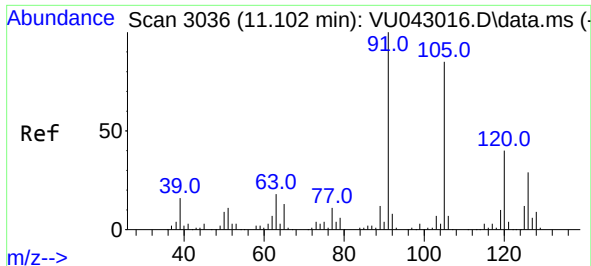


#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.52 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.084 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 75 Resp: 67511  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.6 128.4#  
89 0.0 35.7 53.5#



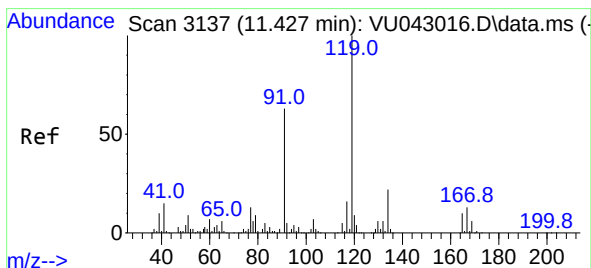
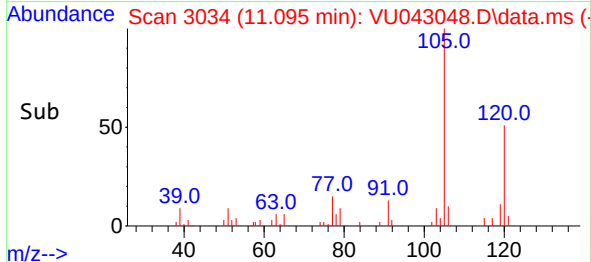
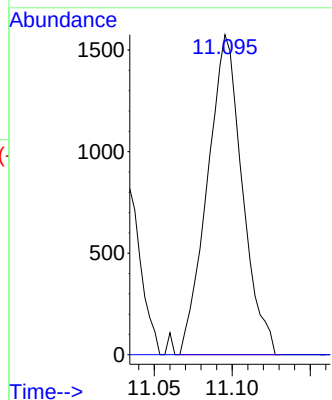
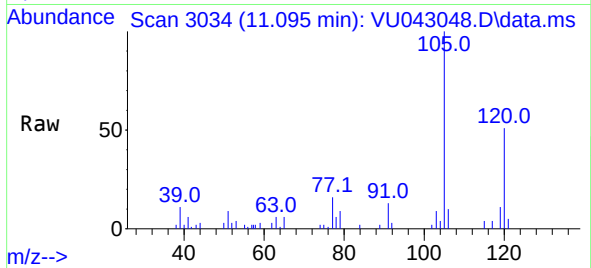




#82  
4-Chlorotoluene  
Concen: 0.35 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.007 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

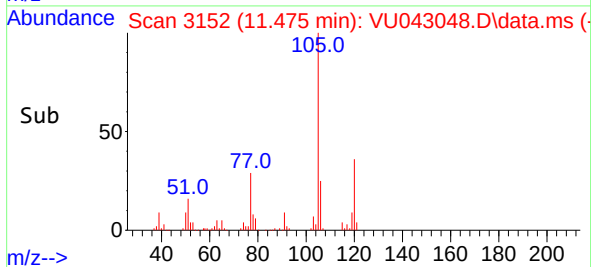
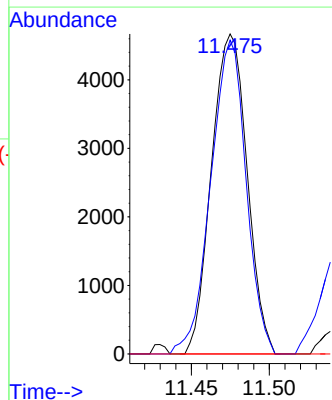
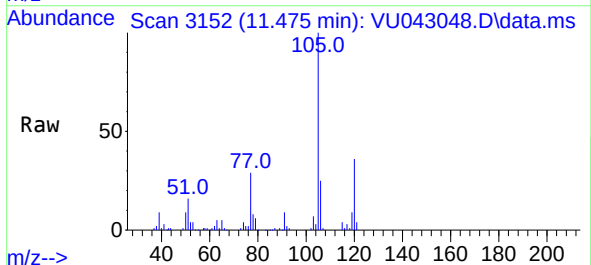
Instrument :  
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ClientSampleId :

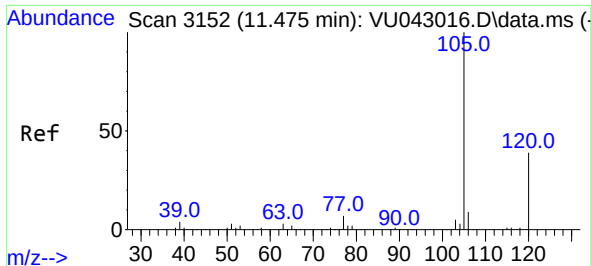
Tgt Ion: 91 Resp: 2456  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.6 44.0#



#83  
tert-Butylbenzene  
Concen: 1.08 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.048 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 119 Resp: 7419  
Ion Ratio Lower Upper  
119 100  
91 97.2 30.3 90.9#  
134 0.0 11.4 34.1#

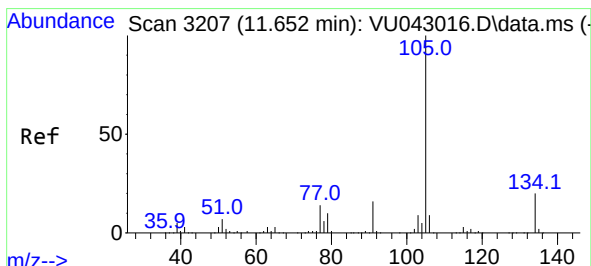
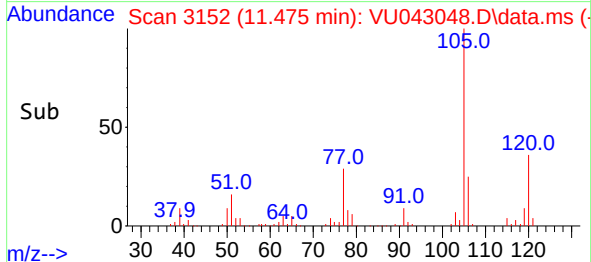
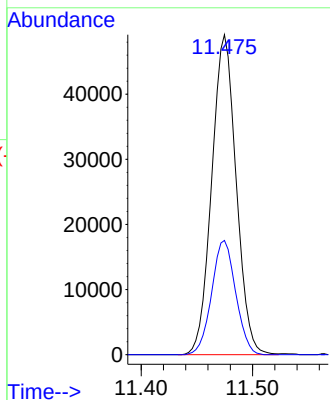
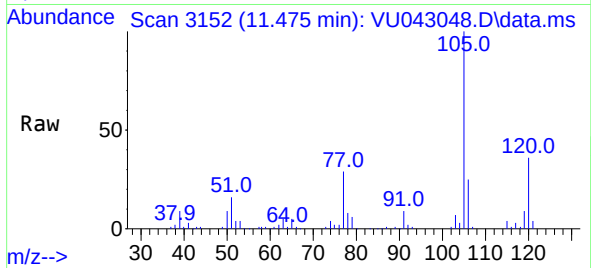




#84  
1,2,4-Trimethylbenzene  
Concen: 10.42 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

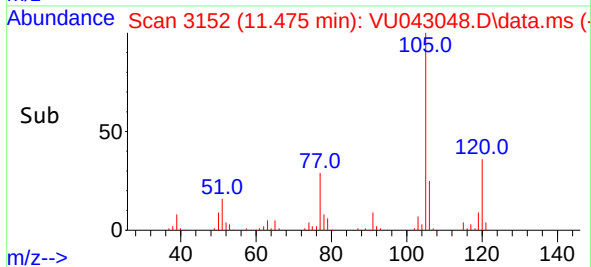
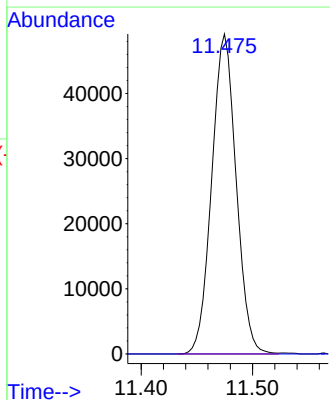
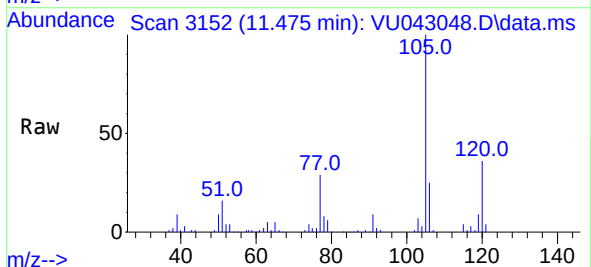
Instrument :  
MSVOA\_U  
ClientSampled :

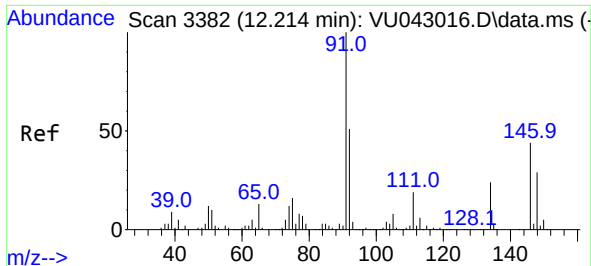
Tgt Ion:105 Resp: 74860  
Ion Ratio Lower Upper  
105 100  
120 35.1 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 9.29 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.177 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion:105 Resp: 74860  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.0 30.0#

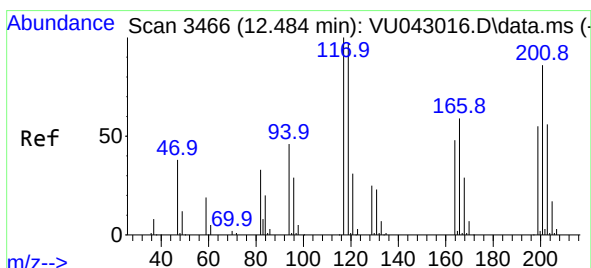
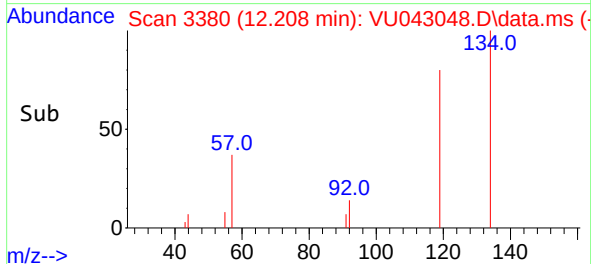
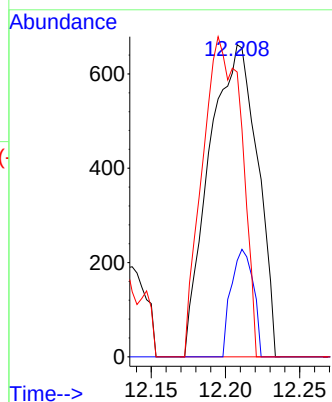
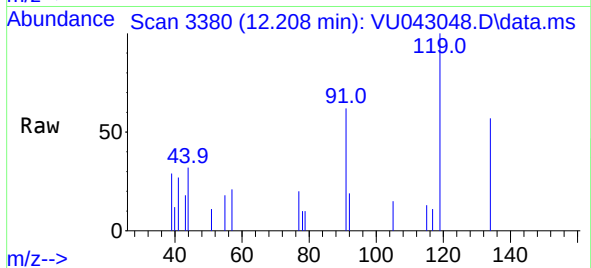




#89  
n-Butylbenzene  
Concen: 0.21 ug/l  
RT: 12.208 min Scan# 3380  
Delta R.T. -0.006 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

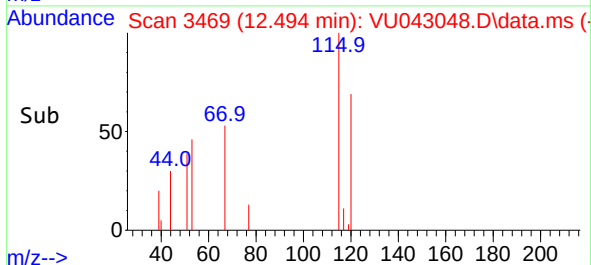
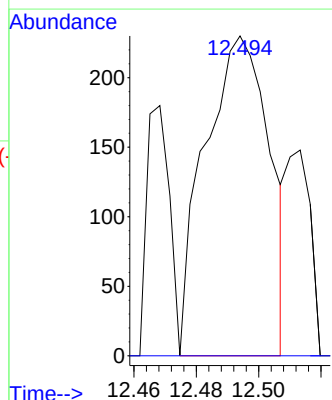
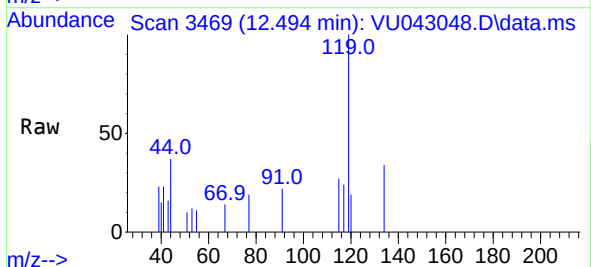
Instrument :  
MSVOA\_U  
ClientSampleId :

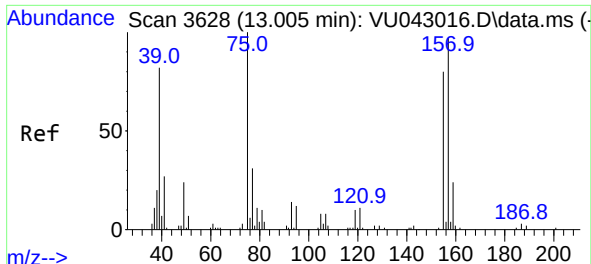
Tgt Ion: 91 Resp: 1491  
Ion Ratio Lower Upper  
91 100  
92 15.8 26.2 78.6#  
134 83.4 12.7 38.1#



#90  
Hexachloroethane  
Concen: 0.24 ug/l  
RT: 12.494 min Scan# 3469  
Delta R.T. 0.010 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

Tgt Ion: 117 Resp: 330  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.5 130.7#

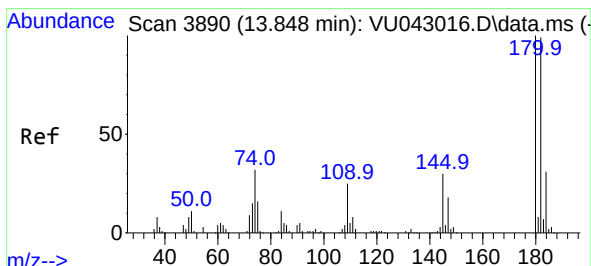
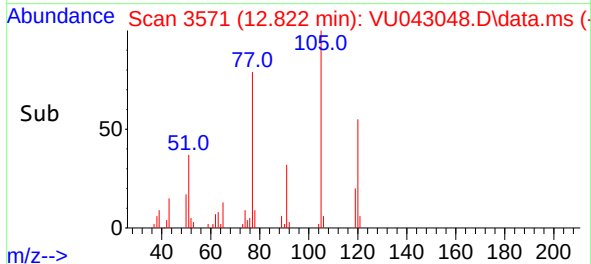
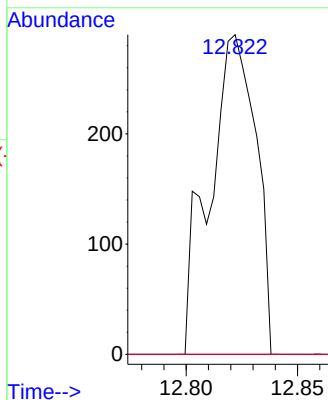
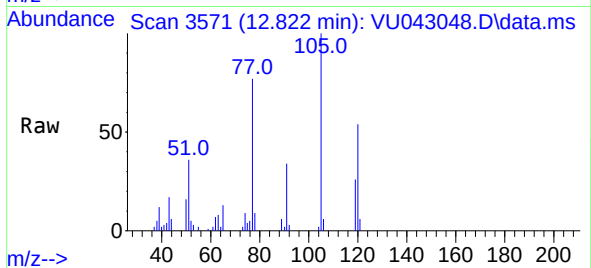




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.43 ug/l  
 RT: 12.822 min Scan# 3571  
 Delta R.T. -0.183 min  
 Lab File: VU043048.D  
 Acq: 13 Apr 2021 13:55

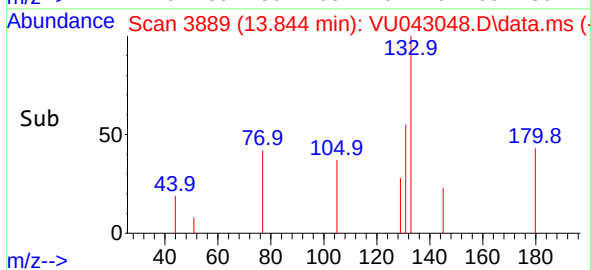
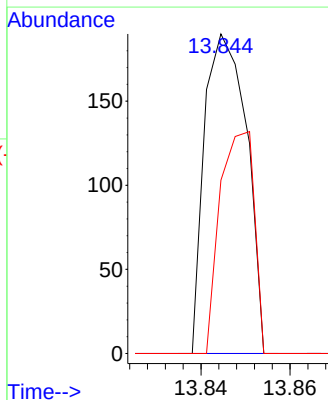
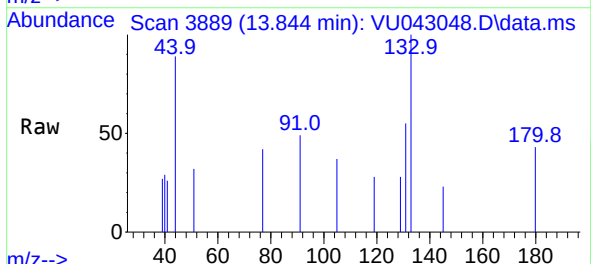
Instrument :  
 MSVOA\_U  
 ClientSampleId :

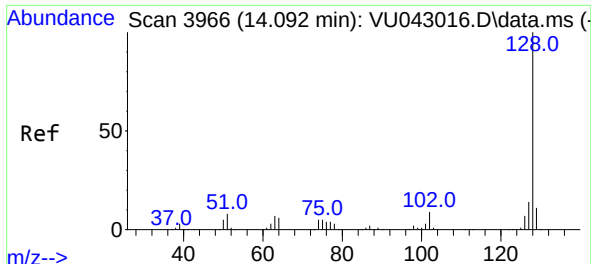
Tgt Ion: 75 Resp: 422  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 41.7 125.1#  
 157 0.0 53.9 161.7#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.55 ug/l  
 RT: 13.844 min Scan# 3889  
 Delta R.T. -0.004 min  
 Lab File: VU043048.D  
 Acq: 13 Apr 2021 13:55

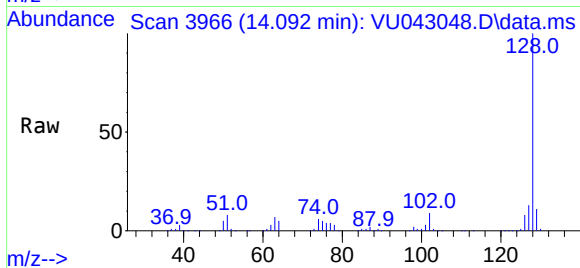
Tgt Ion: 180 Resp: 124  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 46.9 140.8#  
 145 56.5 14.4 43.4#



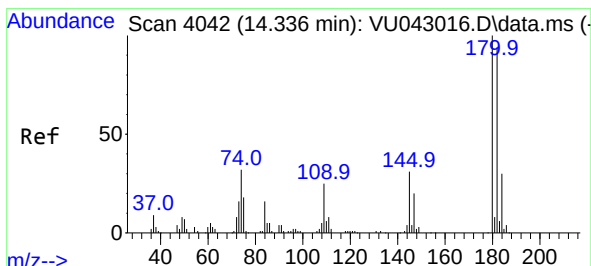
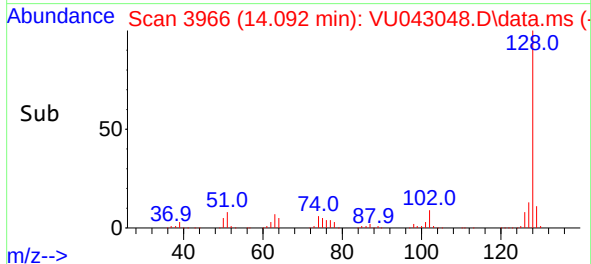
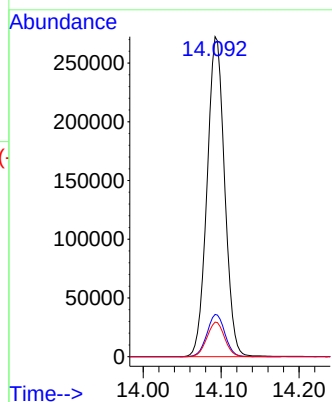


#95  
Naphthalene  
Concen: 49.97 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55

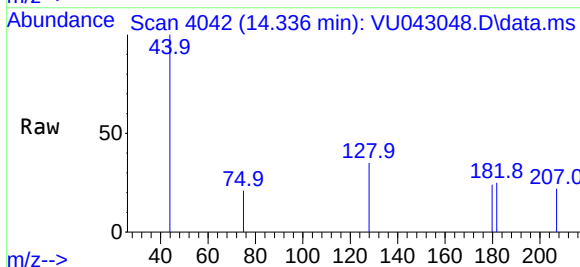
Instrument :  
MSVOA\_U  
ClientSampled :



Tgt Ion:128 Resp: 426596  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.8 16.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 1.48 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU043048.D  
Acq: 13 Apr 2021 13:55



Tgt Ion:180 Resp: 43  
Ion Ratio Lower Upper  
180 100  
182 323.3 48.0 144.0#  
145 0.0 15.5 46.5#

