

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072021\  
 Data File : VU044373.D  
 Acq On : 20 Jul 2021 15:51  
 Operator : SY/MD  
 Sample : M3035-08DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

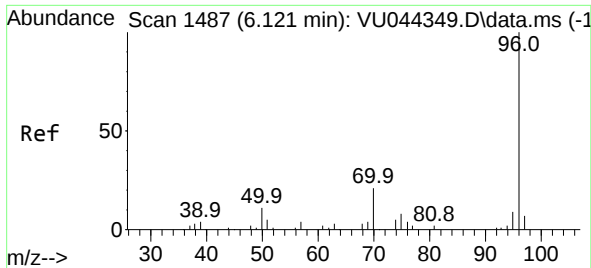
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 21 01:25:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071621DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Jul 16 14:36:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|------|----------|--------|---------|----------|
| -----                         |        |      |          |        |         |          |
| Internal Standards            |        |      |          |        |         |          |
| 1) Fluorobenzene              | 6.121  | 96   | 50394    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene      | 10.639 | 95   | 19048    | 0.937  | ug/l    | 0.00     |
| Spiked Amount 1.000           |        |      | Recovery | =      | 94.000% |          |
| 68) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 19360    | 0.976  | ug/l    | 0.00     |
| Spiked Amount 1.000           |        |      | Recovery | =      | 98.000% |          |
| Target Compounds              |        |      |          |        |         |          |
|                               |        |      |          |        |         | Qvalue   |
| 3) Chloromethane              | 1.526  | 50   | 112493   | 5.881  | ug/l    | 99       |
| 6) Chloroethane               | 1.941  | 64   | 52690    | 4.484  | ug/l    | 100      |
| 12) Acrylonitrile             | 3.382  | 53   | 3675     | 1.246  | ug/l    | # 29     |
| 13) Acetone                   | 2.649  | 43   | 305      | 0.207  | ug/l    | # 44     |
| 15) Methylene Chloride        | 3.054  | 84   | 27016    | 1.479  | ug/l    | 92       |
| 17) 1,1-Dichloroethane        | 3.877  | 63   | 77722    | 2.907  | ug/l    | 98       |
| 21) 2,2-Dichloropropane       | 4.674  | 77   | 44061    | 2.010  | ug/l    | 99       |
| 24) tert-Butyl Alcohol        | 3.375  | 59   | 1001     | 1.562  | ug/l    | # 1      |
| 25) Methyl tert-Butyl Ether   | 3.378  | 73   | 370883   | 10.324 | ug/l    | 93       |
| 26) Bromochloromethane        | 4.983  | 128  | 12808    | 1.929  | ug/l    | 95       |
| 29) 1,1-Dichloropropene       | 5.533  | 75   | 21417    | 1.045  | ug/l    | 98       |
| 43) Dibromomethane            | 6.925  | 93   | 9321     | 1.192  | ug/l    | 93       |
| 46) t-1,4-Dichloro-2-butene   | 10.828 | 75   | 41242    | 9.159  | ug/l    | # 19     |
| 50) t-1,3-Dichloropropene     | 8.217  | 75   | 59559    | 3.091  | ug/l    | 100      |
| 51) cis-1,3-Dichloropropene   | 7.616  | 75   | 35668    | 1.569  | ug/l    | 94       |
| 53) 1,3-Dichloropropane       | 8.584  | 76   | 77404    | 3.656  | ug/l    | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 47094    | 3.566  | ug/l    | 98       |
| 61) Pentachloroethane         | 11.423 | 117  | 5488     | 0.520  | ug/l    | # 14     |
| 69) Isopropylbenzene          | 10.491 | 105  | 51225    | 0.733  | ug/l    | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 18175    | 1.195  | ug/l    | 100      |
| 71) 1,2,3-Trichloropropane    | 10.828 | 75   | 41242    | 3.163  | ug/l    | 83       |
| 72) Bromobenzene              | 10.787 | 156  | 55945    | 3.459  | ug/l    | 95       |
| 73) n-propylbenzene           | 10.912 | 120  | 39168    | 2.080  | ug/l    | 87       |
| 74) 2-Chlorotoluene           | 10.992 | 126  | 46392    | 2.872  | ug/l    | 92       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 96832    | 1.640  | ug/l    | 100      |
| 76) 4-Chlorotoluene           | 11.102 | 126  | 42926    | 2.558  | ug/l    | 100      |
| 77) tert-Butylbenzene         | 11.423 | 119  | 144192   | 2.491  | ug/l    | 92       |
| 78) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 86063    | 1.436  | ug/l    | 99       |
| 79) sec-Butylbenzene          | 11.648 | 105  | 112097   | 1.422  | ug/l    | 97       |
| 81) p-Isopropyltoluene        | 11.799 | 119  | 57291    | 0.878  | ug/l    | 98       |
| 82) 1,3-Dichlorobenzene       | 11.751 | 146  | 54185    | 1.686  | ug/l    | 100      |
| 83) 1,4-Dichlorobenzene       | 11.751 | 146  | 54185    | 1.670  | ug/l    | 99       |
| 84) n-Butylbenzene            | 12.214 | 91   | 132962   | 2.081  | ug/l    | 99       |
| 88) Hexachlorobutadiene       | 14.024 | 225  | 35937    | 3.372  | ug/l    | 98       |
| 89) Naphthalene               | 14.092 | 128  | 221190   | 5.022  | ug/l    | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 82868    | 4.145  | ug/l    | 99       |
| -----                         |        |      |          |        |         |          |

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

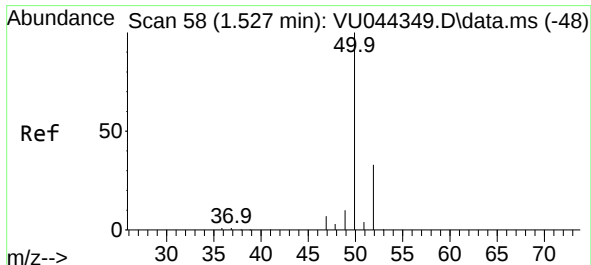
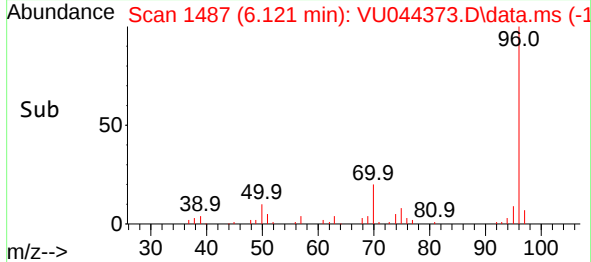
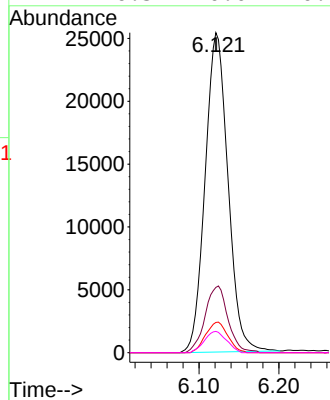
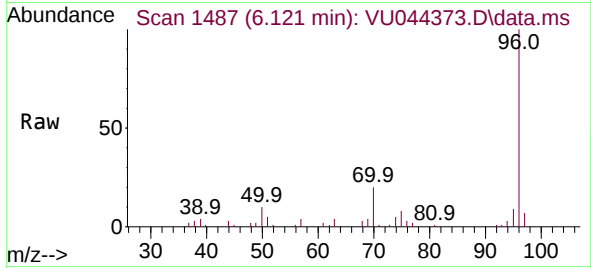




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.121 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

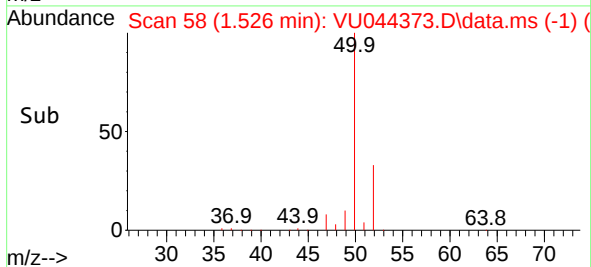
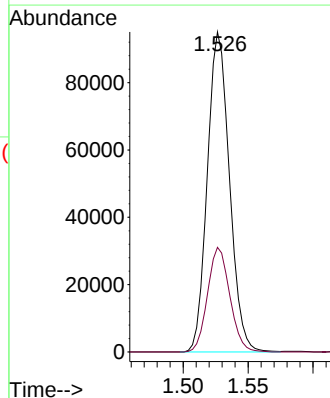
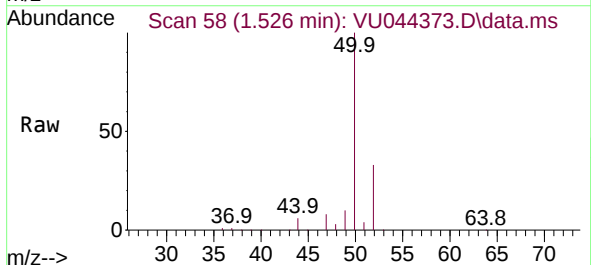
Instrument :  
MSVOA\_U  
ClientSampled :

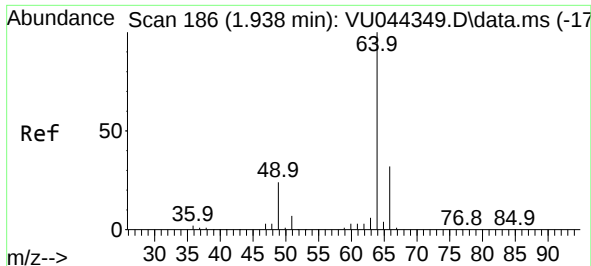
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 50394 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 20.9     | 16.2 24.2   |
| 95 9.3      | 7.3 10.9    |
| 97 6.5      | 0.0 0.0     |



#3  
Chloromethane  
Concen: 5.881 ug/l  
RT: 1.526 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

|             |              |
|-------------|--------------|
| Tgt Ion: 50 | Resp: 112493 |
| Ion Ratio   | Lower Upper  |
| 50 100      |              |
| 52 32.7     | 26.7 40.1    |

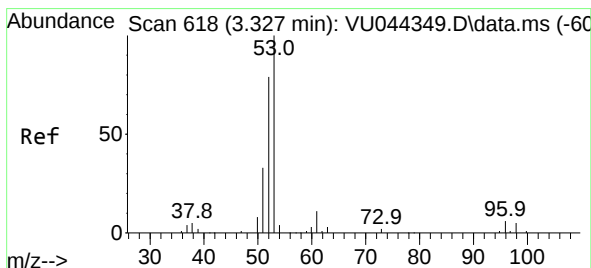
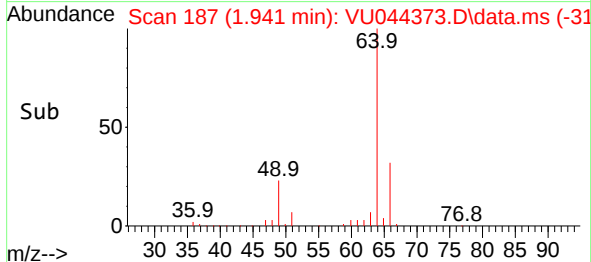
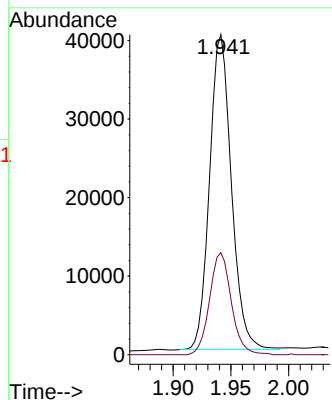
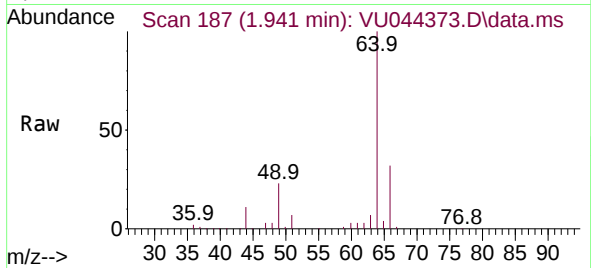




#6  
Chloroethane  
Concen: 4.484 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

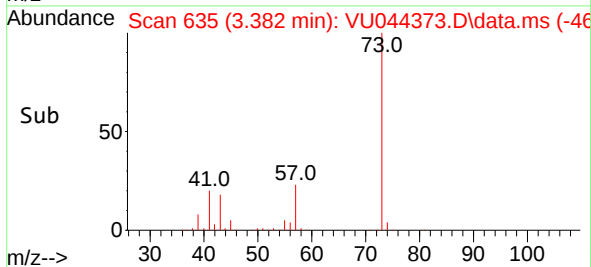
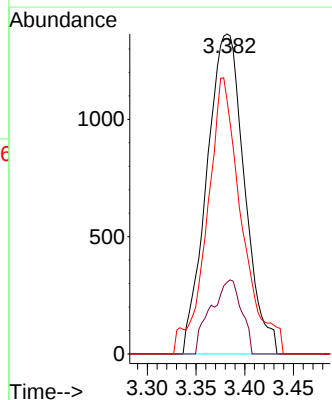
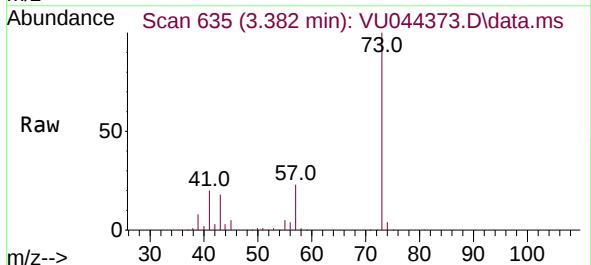
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MSVOA\_U  
ClientSampled :

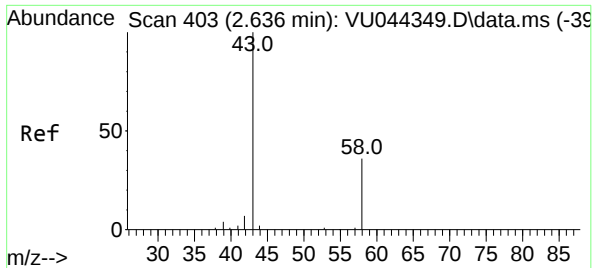
Tgt Ion: 64 Resp: 52690  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.1 39.1



#12  
Acrylonitrile  
Concen: 1.246 ug/l  
RT: 3.382 min Scan# 635  
Delta R.T. 0.055 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion: 53 Resp: 3675  
Ion Ratio Lower Upper  
53 100  
52 18.7 67.0 100.4#  
51 78.9 29.8 44.6#

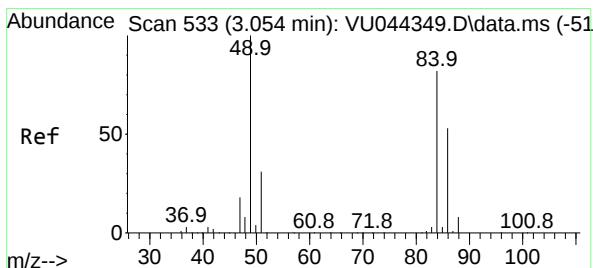
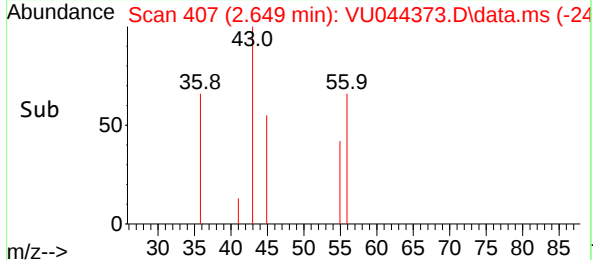
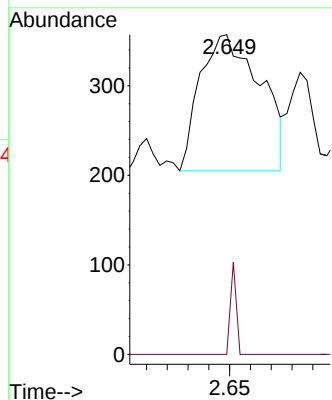
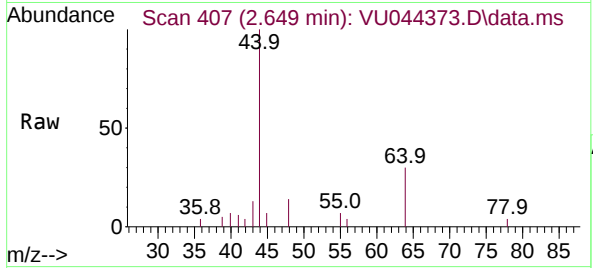




#13  
Acetone  
Concen: 0.207 ug/l  
RT: 2.649 min Scan# 407  
Delta R.T. 0.013 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

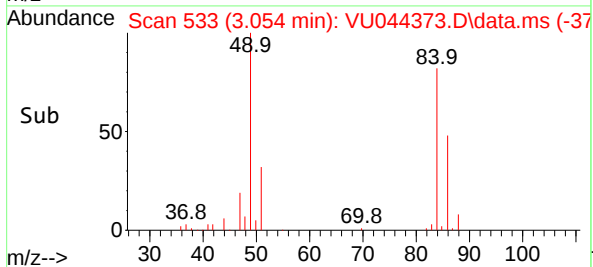
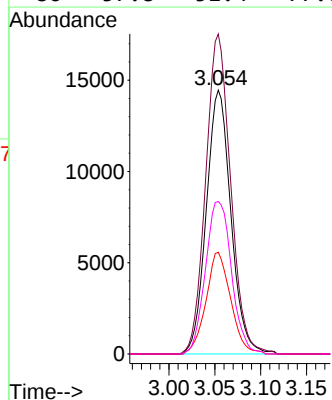
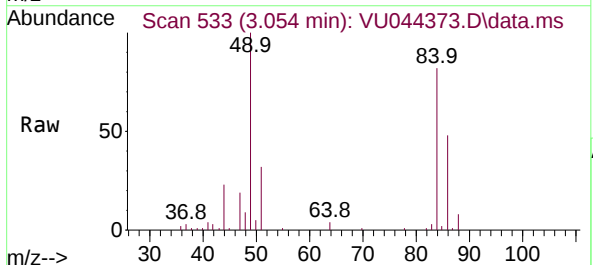
Instrument :  
MSVOA\_U  
ClientSampled :

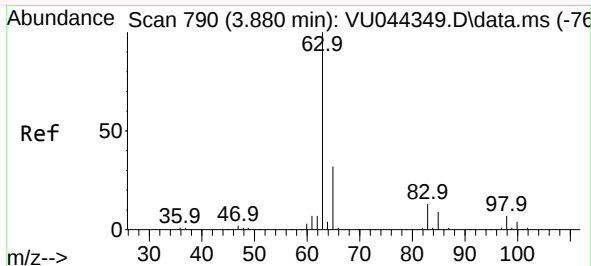
Tgt Ion: 43 Resp: 305  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.3 36.5#



#15  
Methylene Chloride  
Concen: 1.479 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion: 84 Resp: 27016  
Ion Ratio Lower Upper  
84 100  
49 121.3 106.3 159.5  
51 38.6 0.0 81.8  
86 57.8 51.4 77.0

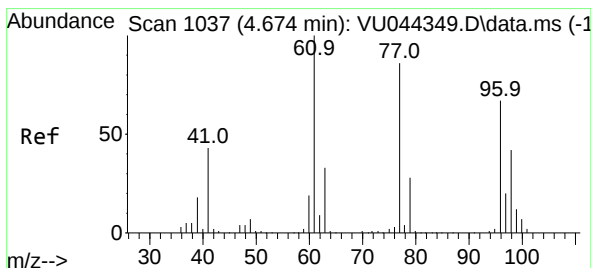
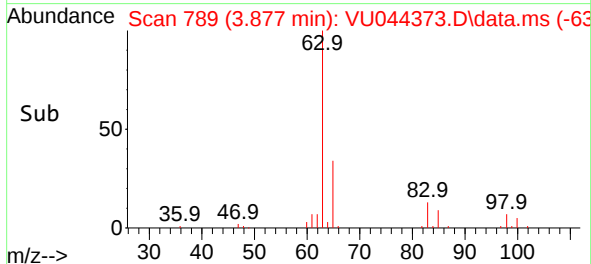
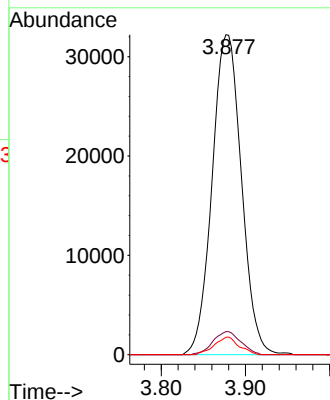
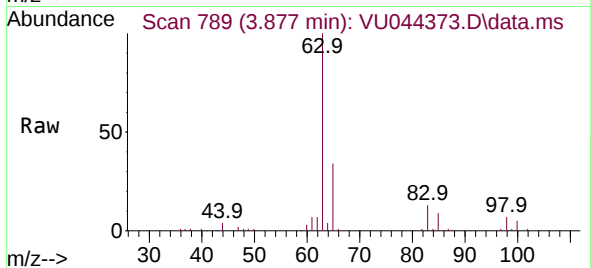




#17  
1,1-Dichloroethane  
Concen: 2.907 ug/l  
RT: 3.877 min Scan# 789  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

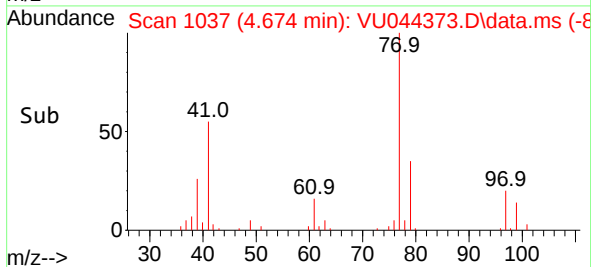
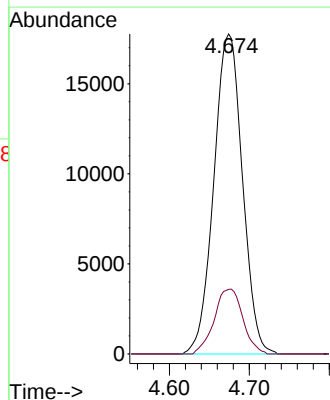
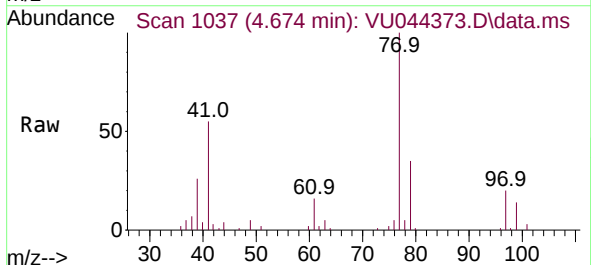
Instrument :  
MSVOA\_U  
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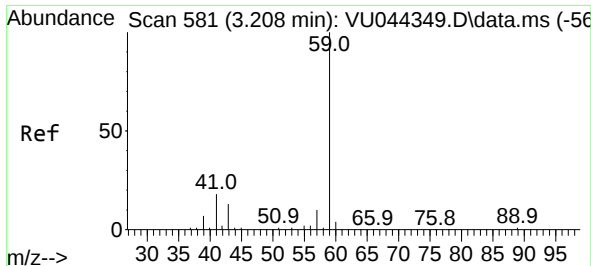
Tgt Ion: 63 Resp: 77722  
Ion Ratio Lower Upper  
63 100  
98 7.2 3.5 10.5  
100 5.4 2.0 5.8



#21  
2,2-Dichloropropane  
Concen: 2.010 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion: 77 Resp: 44061  
Ion Ratio Lower Upper  
77 100  
97 20.3 16.8 25.2

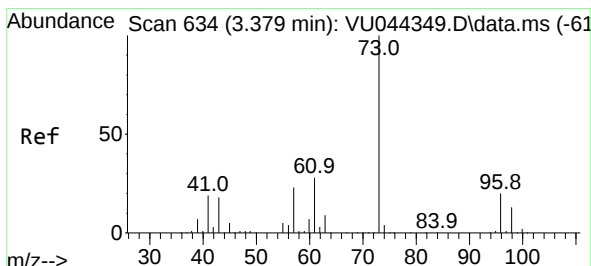
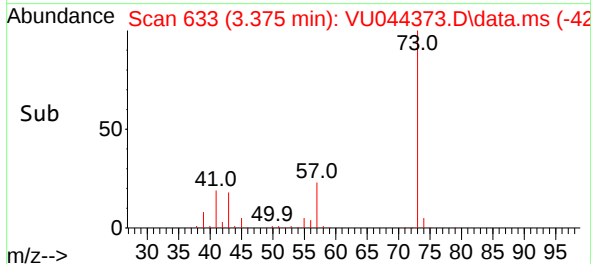
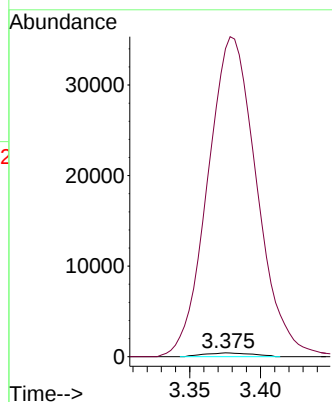
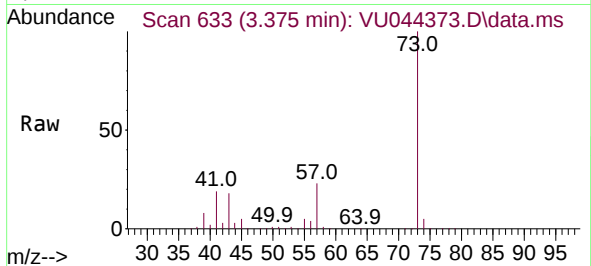




#24  
tert-Butyl Alcohol  
Concen: 1.562 ug/l  
RT: 3.375 min Scan# 633  
Delta R.T. 0.167 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

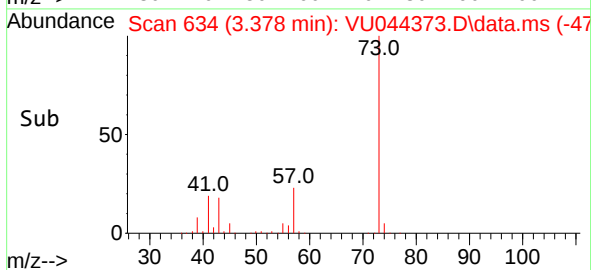
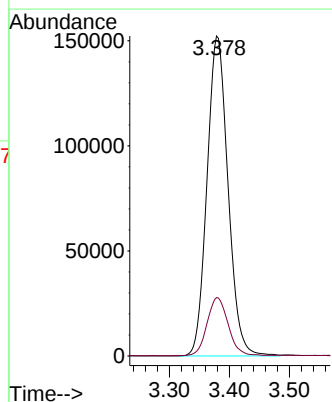
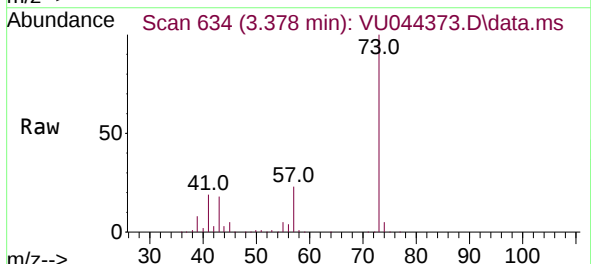
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MSVOA\_U  
ClientSampled :

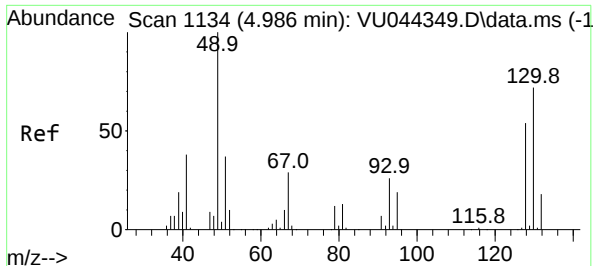
Tgt Ion: 59 Resp: 1001  
Ion Ratio Lower Upper  
59 100  
57 8545.0 8.2 12.4#



#25  
Methyl tert-Butyl Ether  
Concen: 10.324 ug/l  
RT: 3.378 min Scan# 634  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

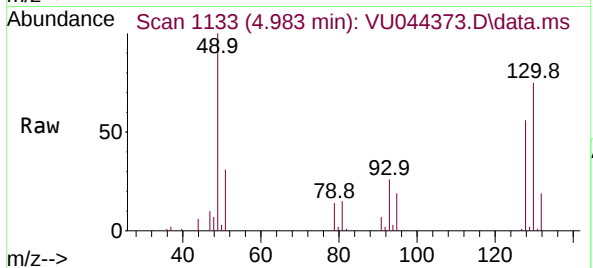
Tgt Ion: 73 Resp: 370883  
Ion Ratio Lower Upper  
73 100  
43 18.2 17.3 25.9



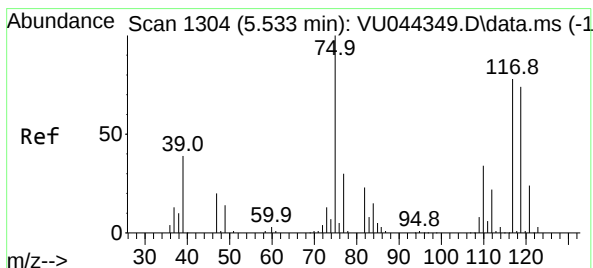
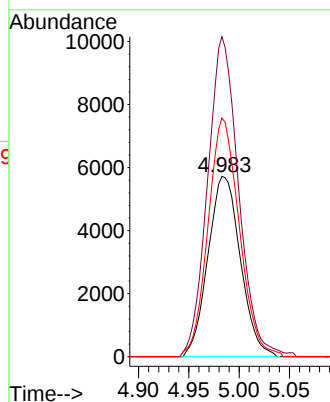
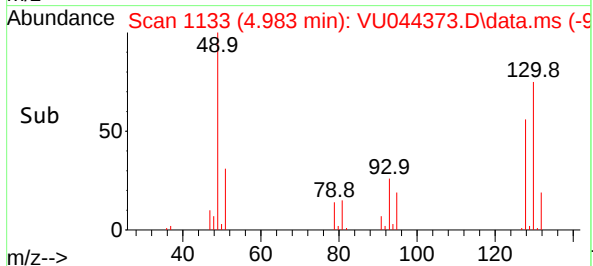


#26  
Bromochloromethane  
Concen: 1.929 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

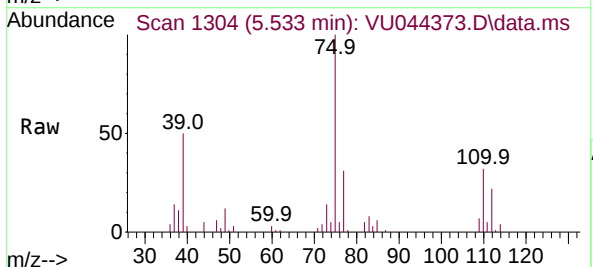
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ClientSampled :



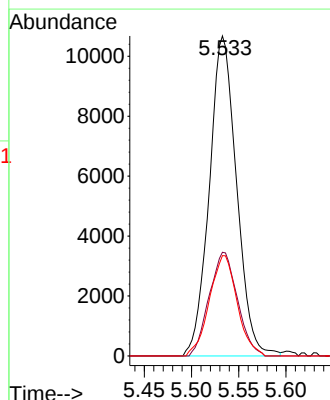
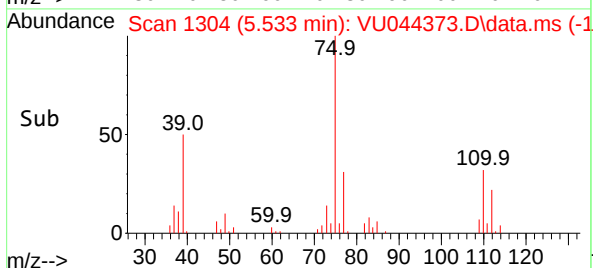
Tgt Ion:128 Resp: 12808  
Ion Ratio Lower Upper  
128 100  
49 170.4 0.0 364.2  
130 127.9 103.5 155.3

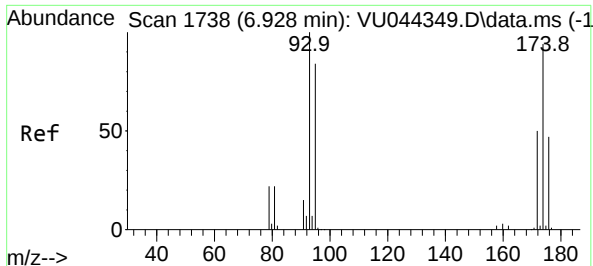


#29  
1,1-Dichloropropene  
Concen: 1.045 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51



Tgt Ion: 75 Resp: 21417  
Ion Ratio Lower Upper  
75 100  
110 33.5 17.3 51.9  
77 31.9 24.6 37.0





#43

Dibromomethane

Concen: 1.192 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. -0.003 min

Lab File: VU044373.D

Acq: 20 Jul 2021 15:51

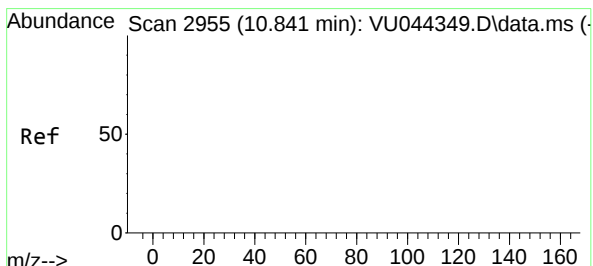
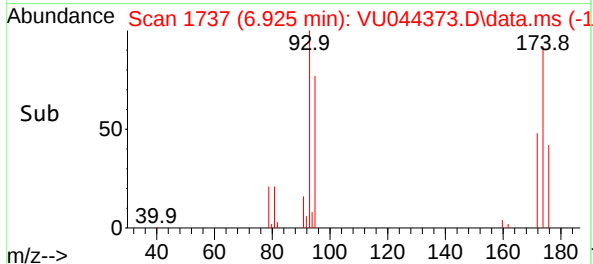
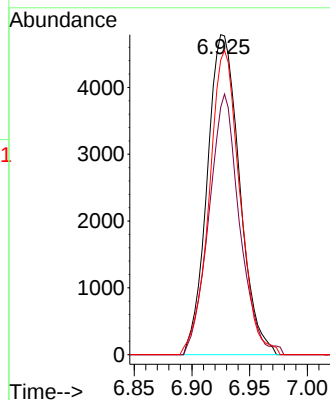
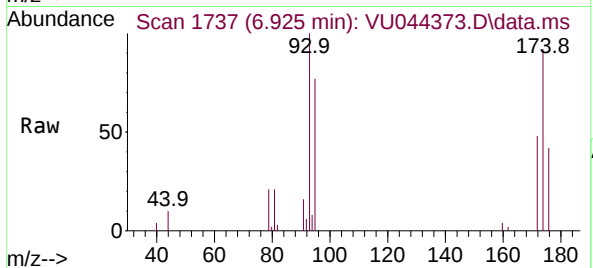
Tgt Ion: 93 Resp: 9321

Ion Ratio Lower Upper

93 100

95 77.1 65.2 97.8

174 90.0 78.2 117.4



#46

t-1,4-Dichloro-2-butene

Concen: 9.159 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.013 min

Lab File: VU044373.D

Acq: 20 Jul 2021 15:51

Tgt Ion: 75 Resp: 41242

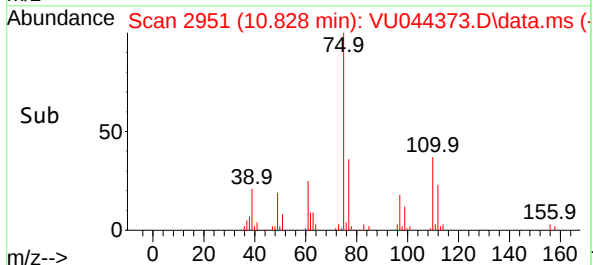
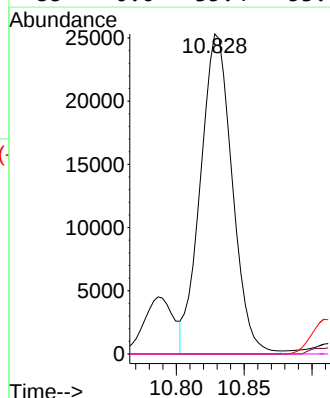
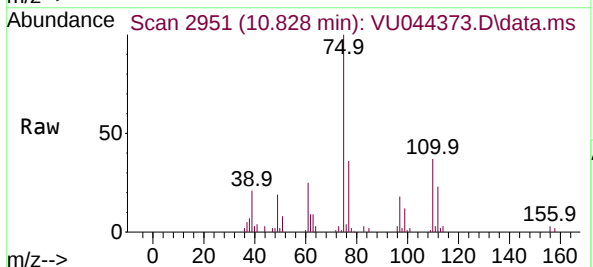
Ion Ratio Lower Upper

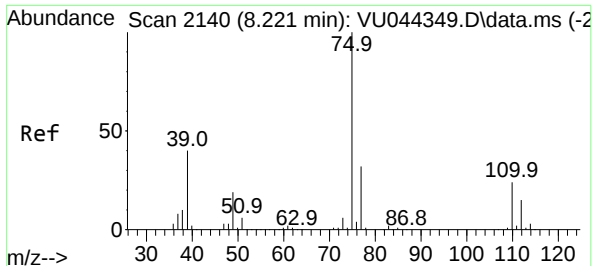
75 100

53 0.0 63.7 95.5#

89 0.0 44.6 67.0#

88 0.0 35.4 53.0#





#50

t-1,3-Dichloropropene

Concen: 3.091 ug/l

RT: 8.217 min Scan# 2139

Delta R.T. -0.003 min

Lab File: VU044373.D

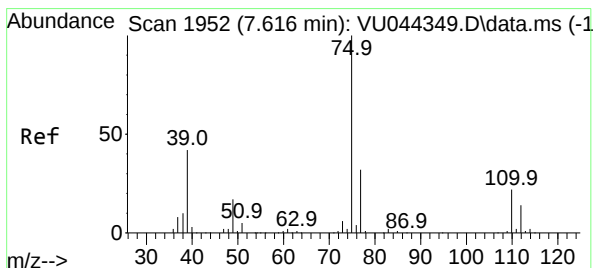
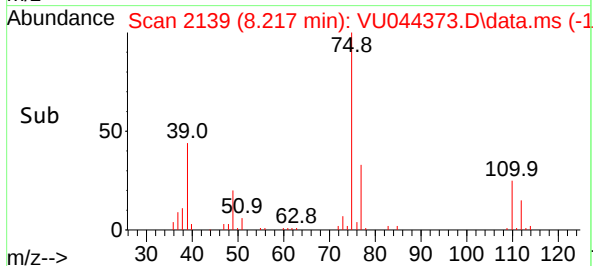
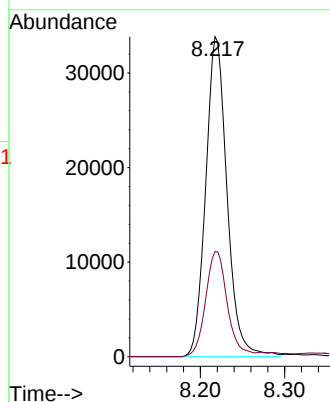
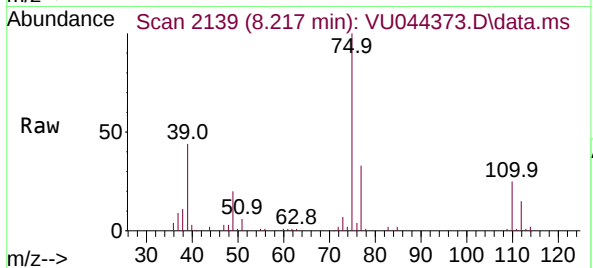
Acq: 20 Jul 2021 15:51

Tgt Ion: 75 Resp: 59559

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2



#51

cis-1,3-Dichloropropene

Concen: 1.569 ug/l

RT: 7.616 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VU044373.D

Acq: 20 Jul 2021 15:51

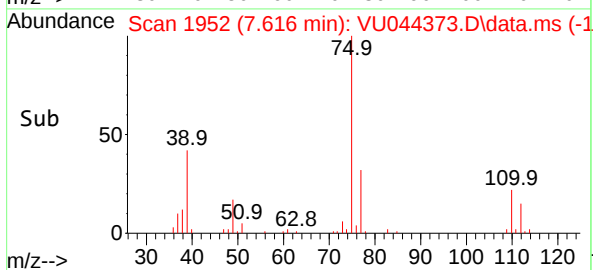
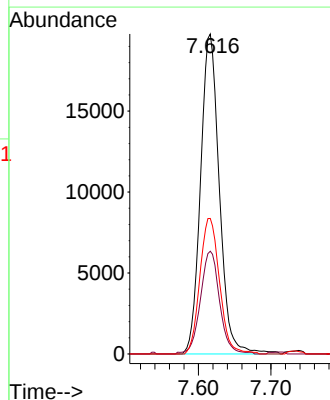
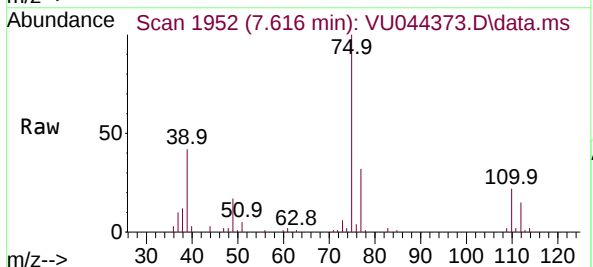
Tgt Ion: 75 Resp: 35668

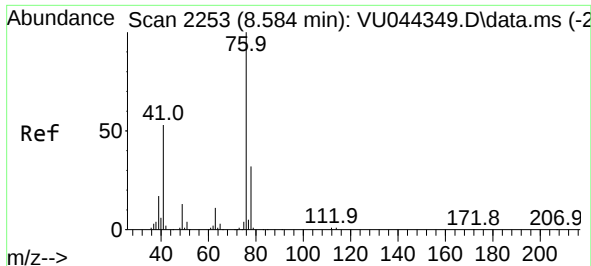
Ion Ratio Lower Upper

75 100

77 31.6 24.3 36.5

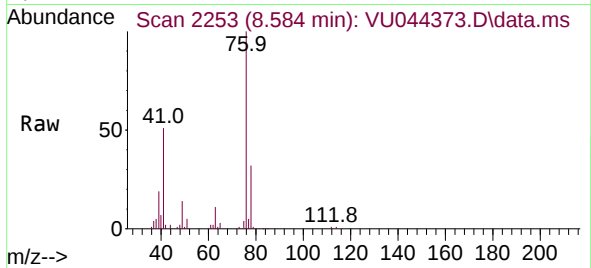
39 42.3 38.5 57.7



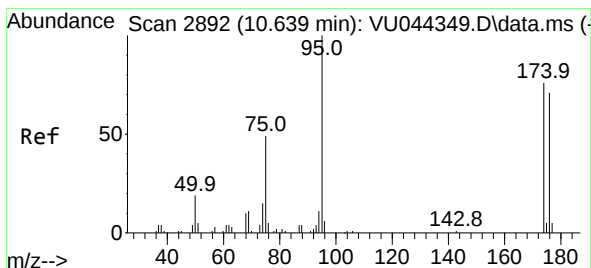
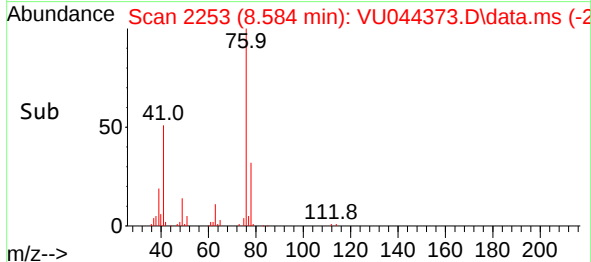
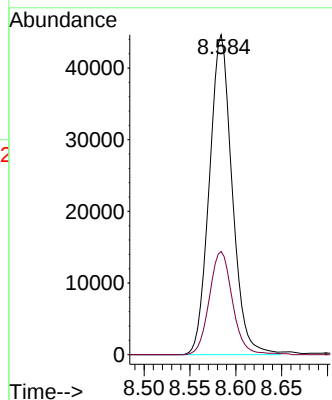


#53  
1,3-Dichloropropane  
Concen: 3.656 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Instrument :  
MSVOA\_U  
ClientSampled :

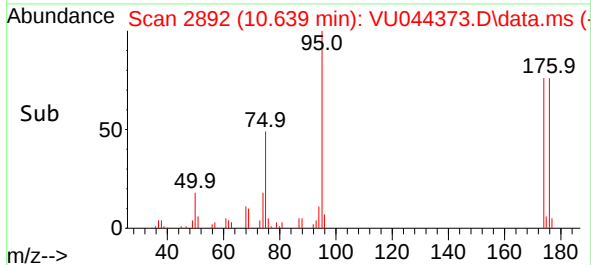
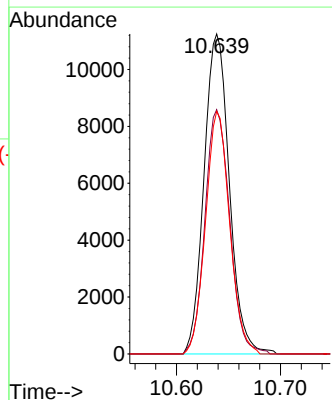
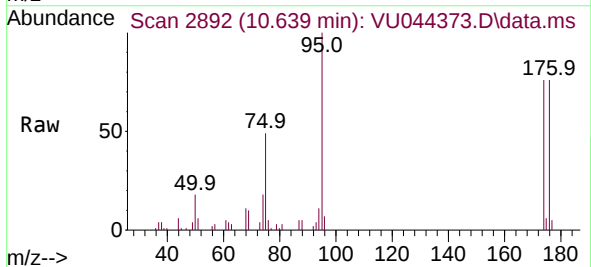


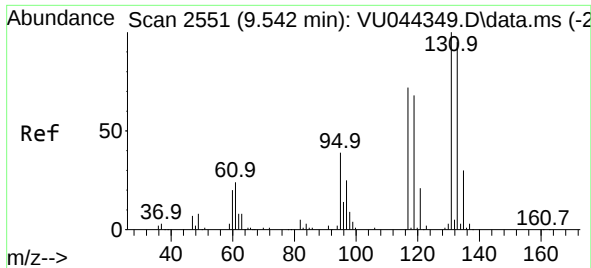
Tgt Ion: 76 Resp: 77404  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.9 38.9



#57  
4-Bromofluorobenzene  
Concen: 0.937 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion: 95 Resp: 19048  
Ion Ratio Lower Upper  
95 100  
174 74.7 62.2 93.2  
176 72.2 60.3 90.5

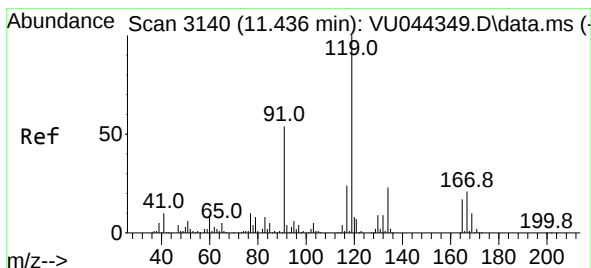
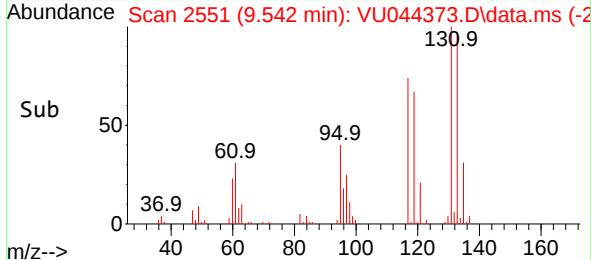
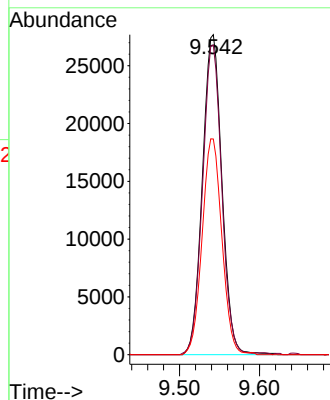
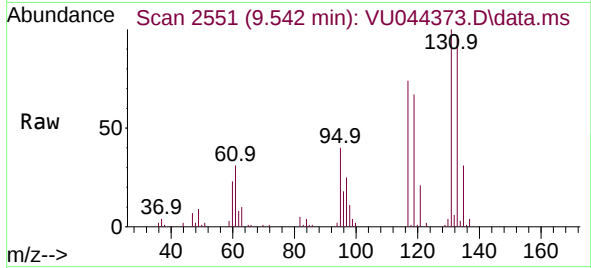




#60  
1,1,1,2-Tetrachloroethane  
Concen: 3.566 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

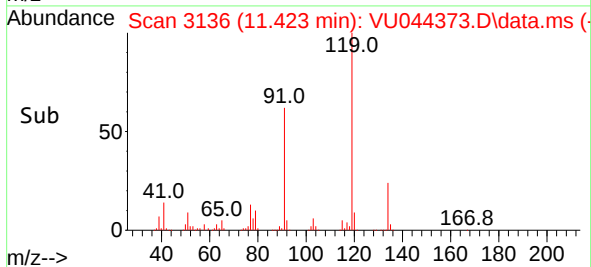
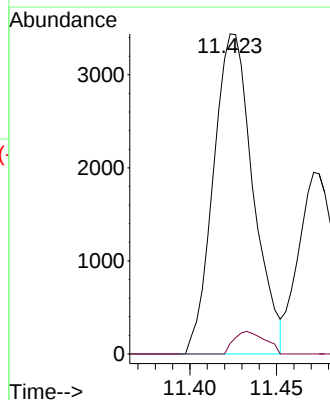
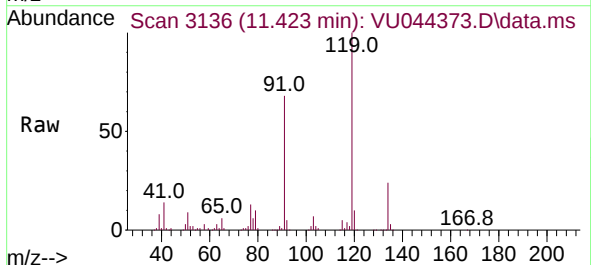
Instrument :  
MSVOA\_U  
ClientSampled :

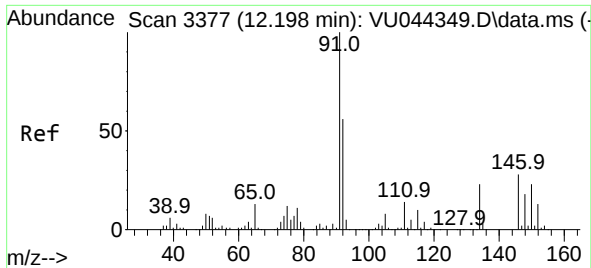
Tgt Ion:131 Resp: 47094  
Ion Ratio Lower Upper  
131 100  
133 95.1 77.3 115.9  
119 67.9 52.8 79.2



#61  
Pentachloroethane  
Concen: 0.520 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.013 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:117 Resp: 5488  
Ion Ratio Lower Upper  
117 100  
167 5.5 66.7 100.1#

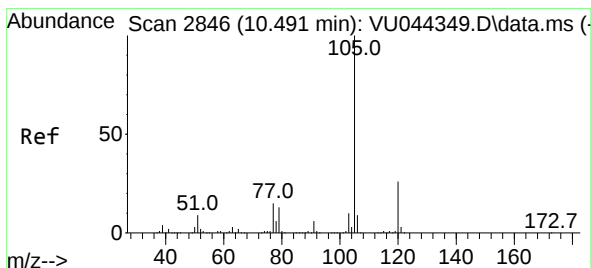
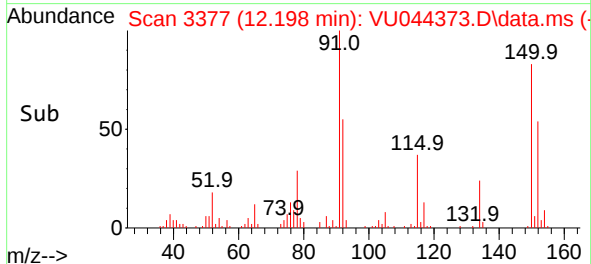
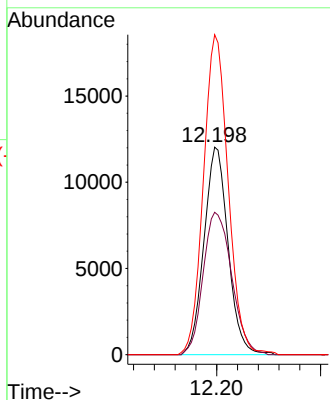
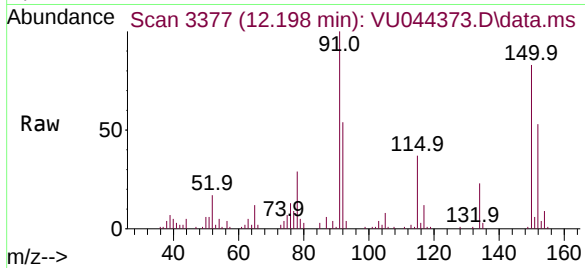




#68  
 1,2-Dichlorobenzene-d4  
 Concen: 0.976 ug/l  
 RT: 12.198 min Scan# 3377  
 Delta R.T. -0.000 min  
 Lab File: VU044373.D  
 Acq: 20 Jul 2021 15:51

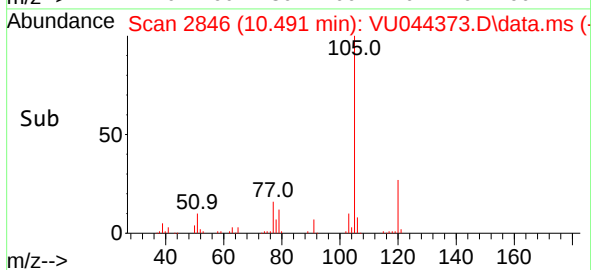
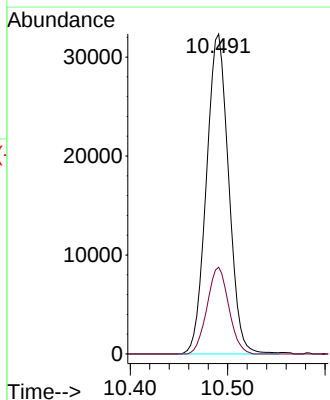
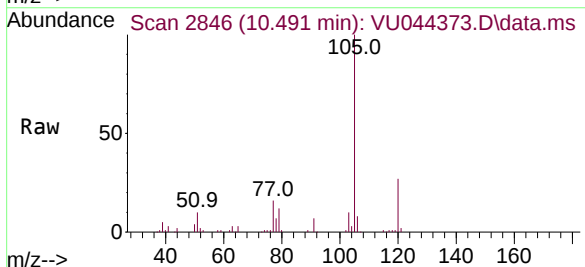
Instrument :  
 MSVOA\_U  
 ClientSampled :

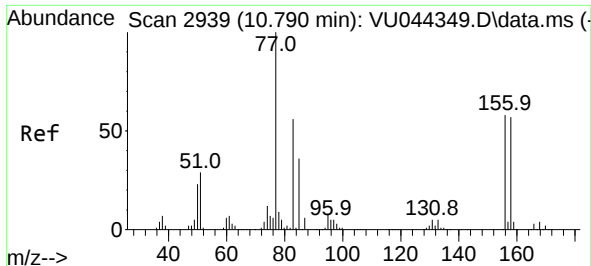
Tgt Ion:152 Resp: 19360  
 Ion Ratio Lower Upper  
 152 100  
 115 81.3 0.0 257.0  
 150 158.2 0.0 630.2



#69  
 Isopropylbenzene  
 Concen: 0.733 ug/l  
 RT: 10.491 min Scan# 2846  
 Delta R.T. -0.000 min  
 Lab File: VU044373.D  
 Acq: 20 Jul 2021 15:51

Tgt Ion:105 Resp: 51225  
 Ion Ratio Lower Upper  
 105 100  
 120 26.5 13.1 39.3

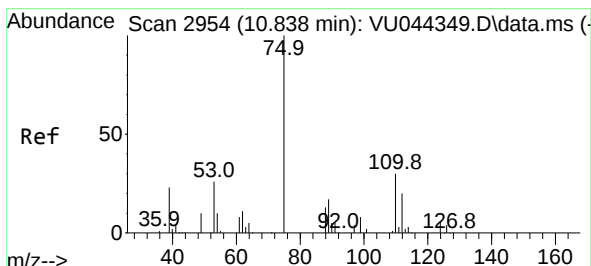
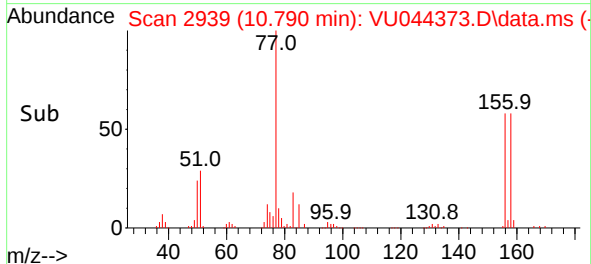
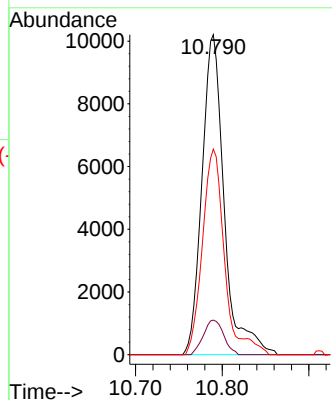
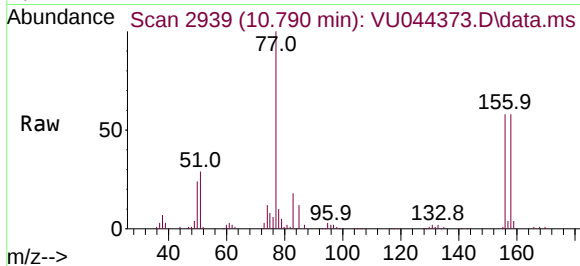




#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.195 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

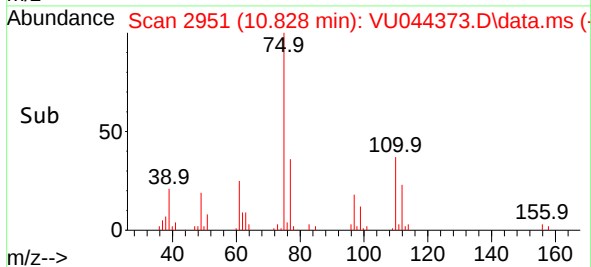
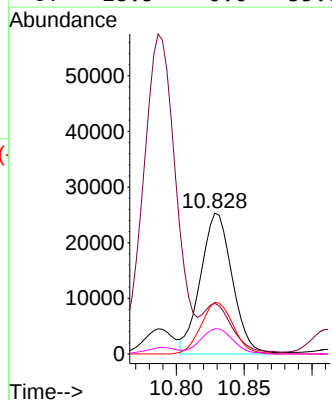
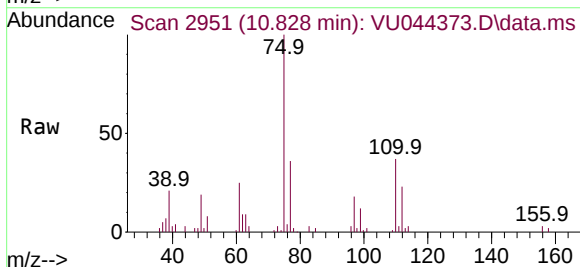
Instrument :  
MSVOA\_U  
ClientSampleId :

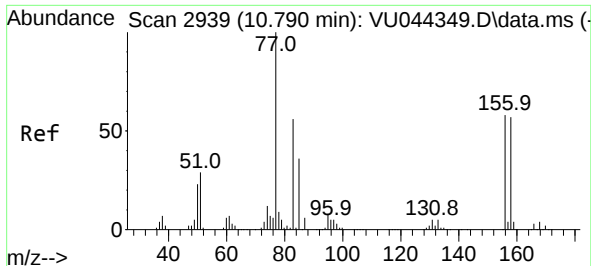
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 18175 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.9   | 8.2   | 12.2  |
| 85       | 63.8  | 50.8  | 76.2  |



#71  
1,2,3-Trichloropropane  
Concen: 3.163 ug/l  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.010 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 41242 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.0  | 0.0   | 111.4 |
| 110      | 37.1  | 0.0   | 74.6  |
| 97       | 18.5  | 0.0   | 35.8  |

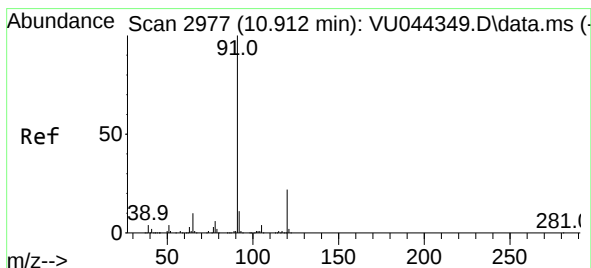
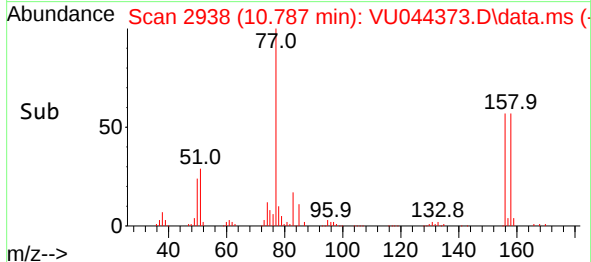
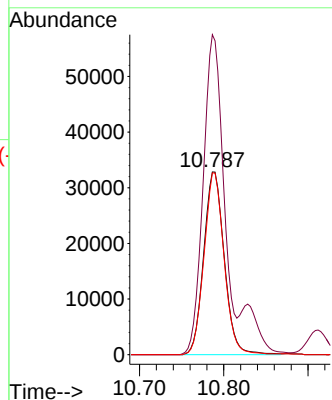
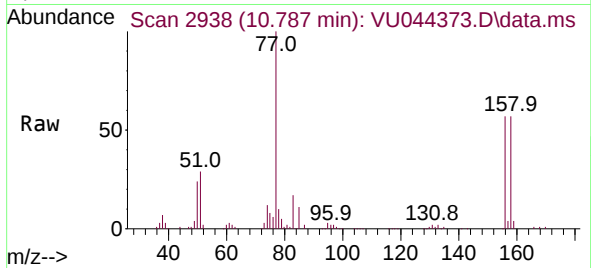




#72  
Bromobenzene  
Concen: 3.459 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

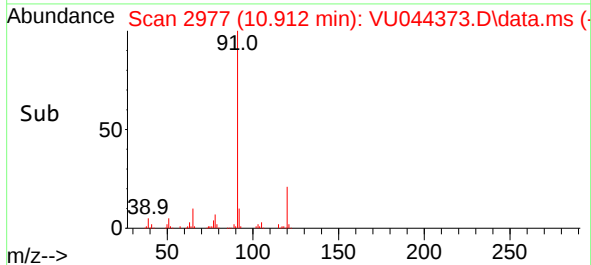
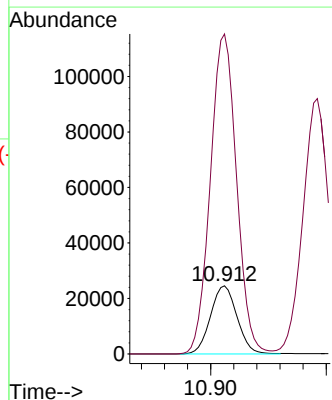
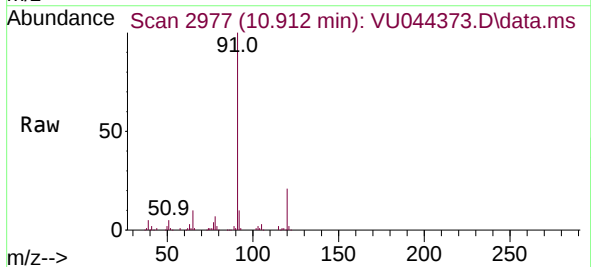
Instrument :  
MSVOA\_U  
ClientSampleId :

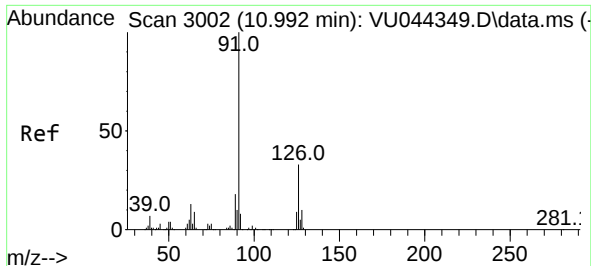
Tgt Ion:156 Resp: 55945  
Ion Ratio Lower Upper  
156 100  
77 171.8 0.0 324.2  
158 97.1 0.0 192.4



#73  
n-propylbenzene  
Concen: 2.080 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:120 Resp: 39168  
Ion Ratio Lower Upper  
120 100  
91 464.6 346.6 519.8

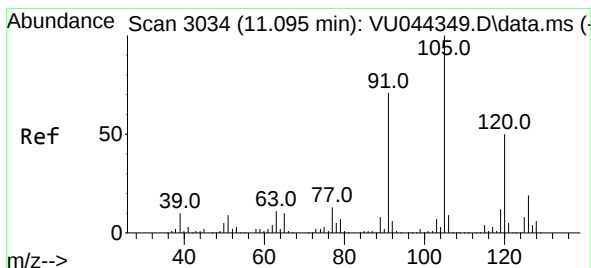
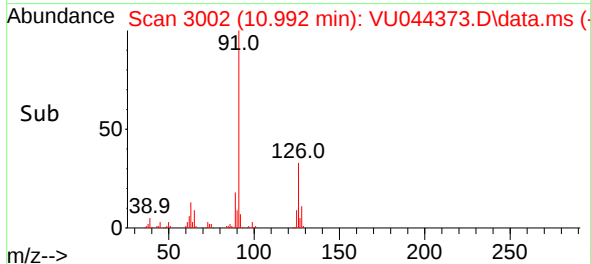
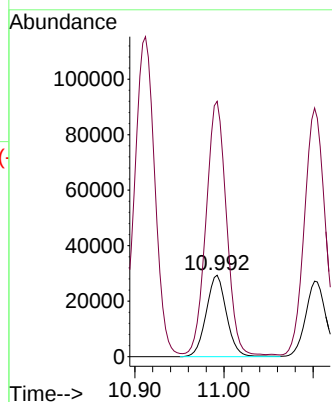
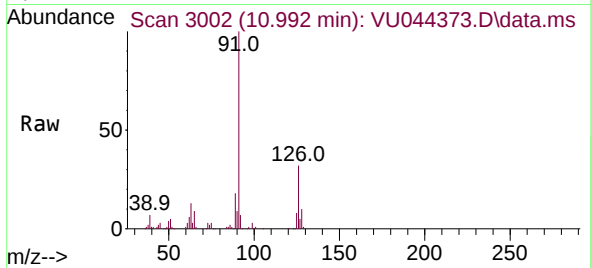




#74  
2-Chlorotoluene  
Concen: 2.872 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

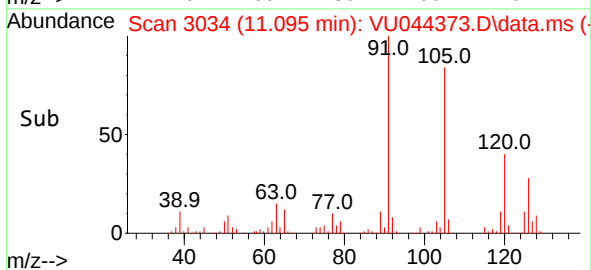
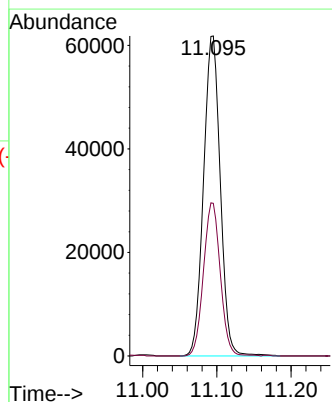
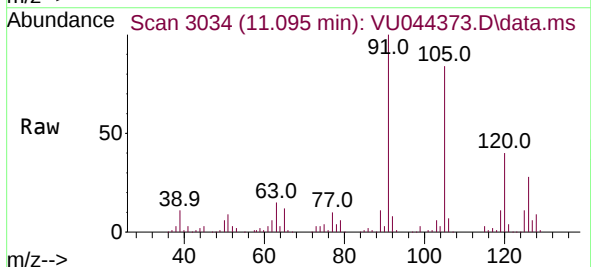
Instrument :  
MSVOA\_U  
ClientSampled :

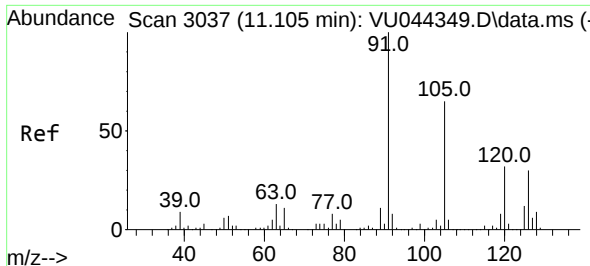
Tgt Ion:126 Resp: 46392  
Ion Ratio Lower Upper  
126 100  
91 312.4 0.0 593.2



#75  
1,3,5-Trimethylbenzene  
Concen: 1.640 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:105 Resp: 96832  
Ion Ratio Lower Upper  
105 100  
120 48.0 38.6 58.0

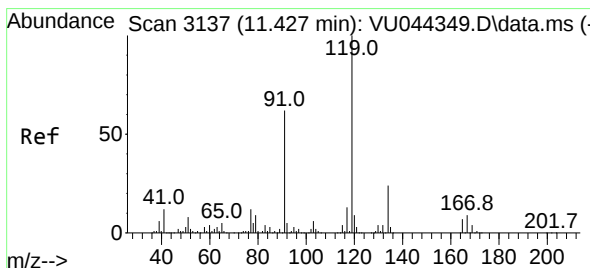
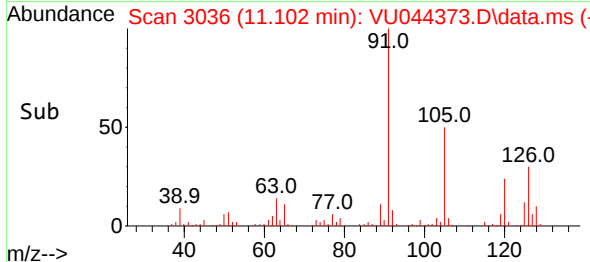
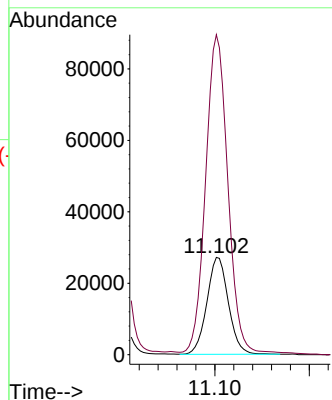
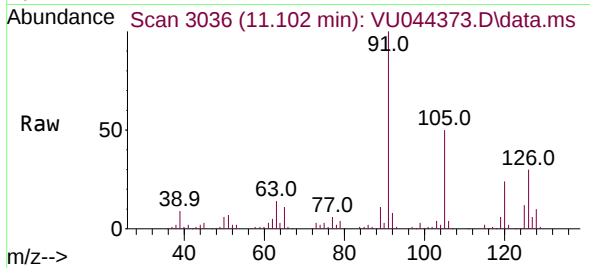




#76  
4-Chlorotoluene  
Concen: 2.558 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

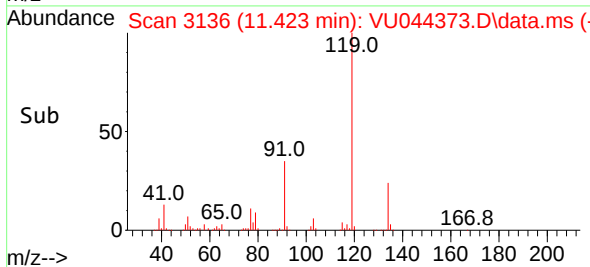
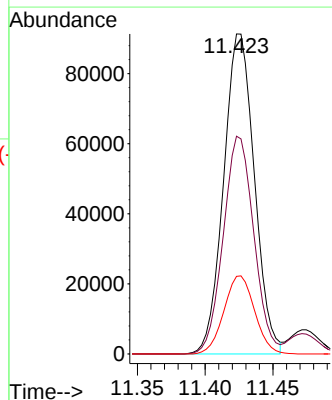
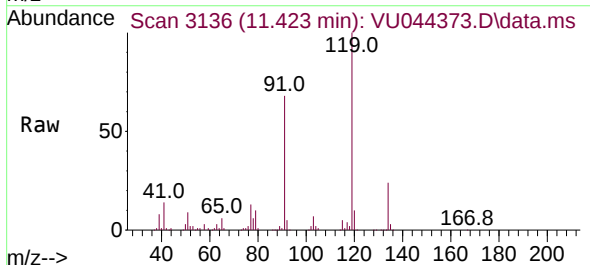
Instrument :  
MSVOA\_U  
ClientSampleId :

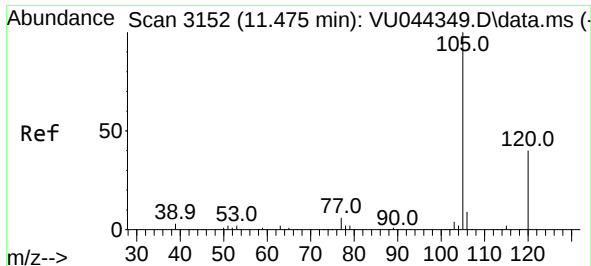
Tgt Ion:126 Resp: 42926  
Ion Ratio Lower Upper  
126 100  
91 346.0 0.0 692.4



#77  
tert-Butylbenzene  
Concen: 2.491 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:119 Resp: 144192  
Ion Ratio Lower Upper  
119 100  
91 67.7 29.9 89.7  
134 24.4 18.7 28.1

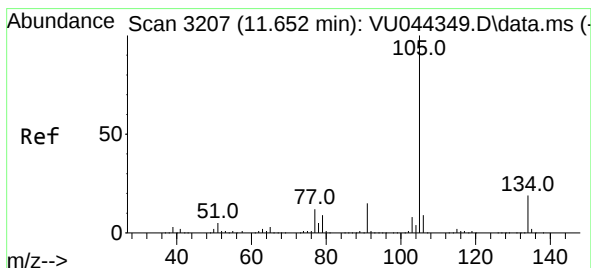
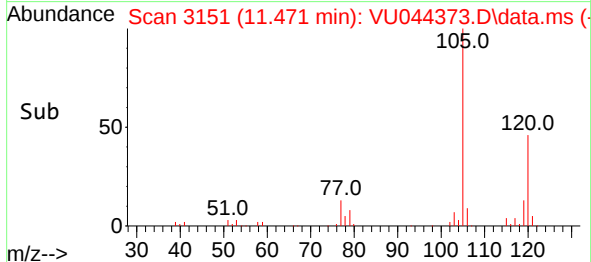
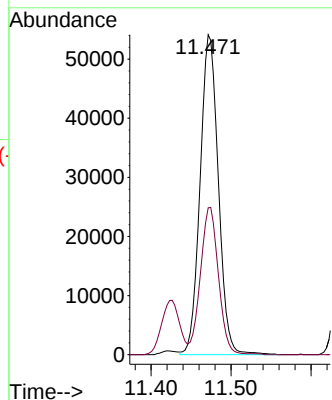
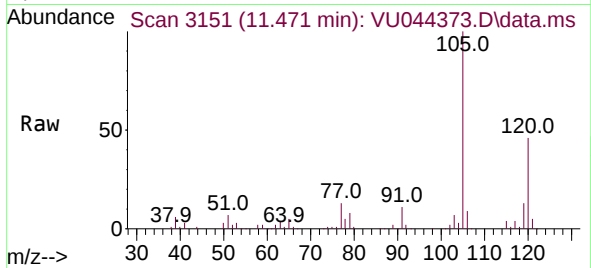




#78  
1,2,4-Trimethylbenzene  
Concen: 1.436 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

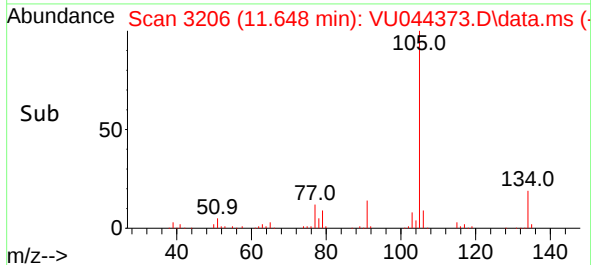
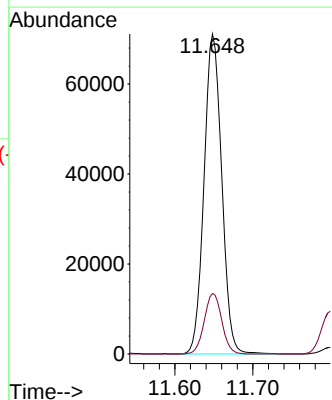
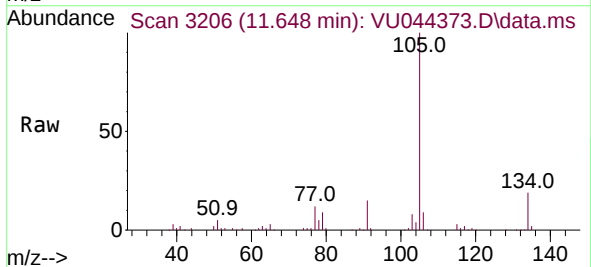
Instrument :  
MSVOA\_U  
ClientSampleId :

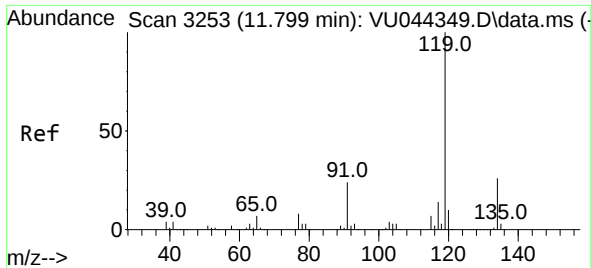
Tgt Ion:105 Resp: 86063  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.7 68.0



#79  
sec-Butylbenzene  
Concen: 1.422 ug/l  
RT: 11.648 min Scan# 3206  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:105 Resp: 112097  
Ion Ratio Lower Upper  
105 100  
134 18.7 16.1 24.1

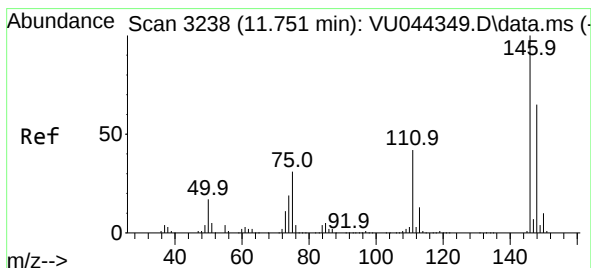
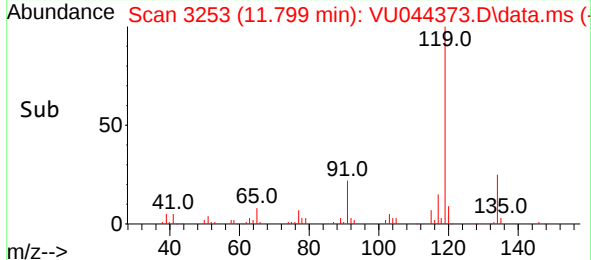
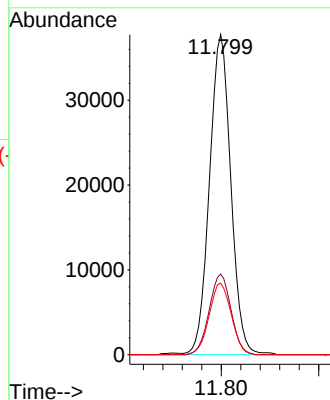
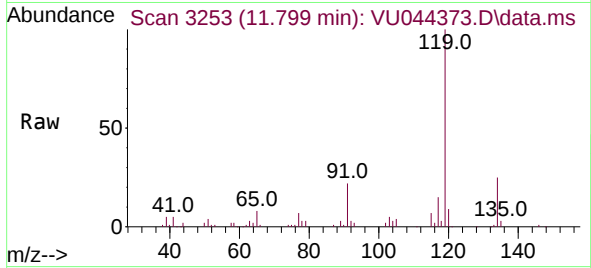




#81  
p-Isopropyltoluene  
Concen: 0.878 ug/l  
RT: 11.799 min Scan# 3253  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

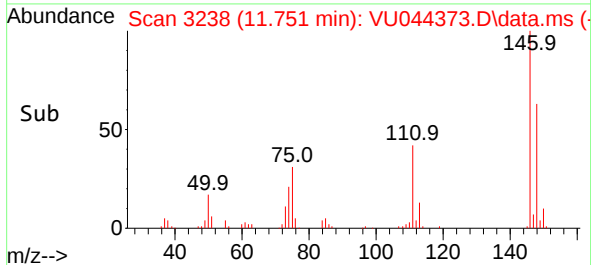
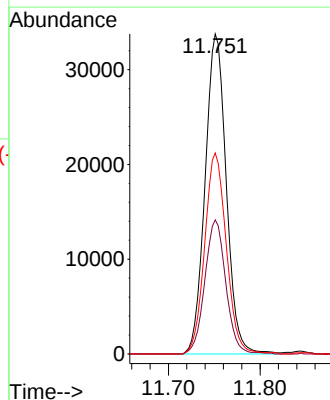
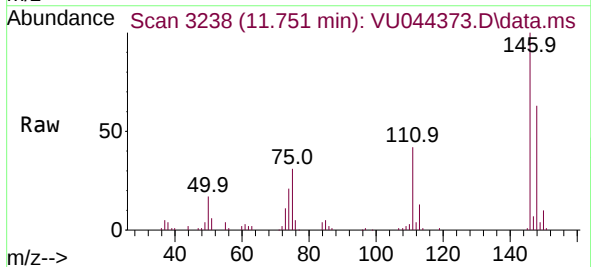
Instrument :  
MSVOA\_U  
ClientSampleId :

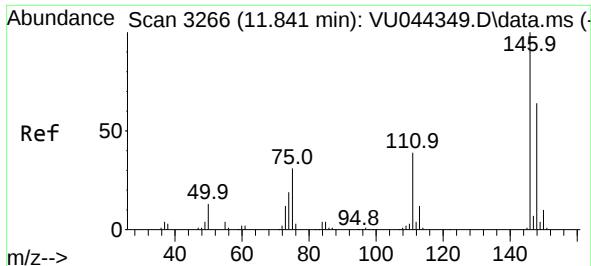
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 57291 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 25.7  | 21.0  | 31.4  |
| 91        | 23.1  | 19.4  | 29.2  |



#82  
1,3-Dichlorobenzene  
Concen: 1.686 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 54185 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.6  | 33.3  | 49.9  |
| 148       | 64.1  | 50.9  | 76.3  |

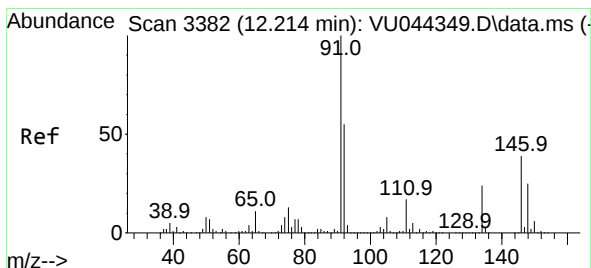
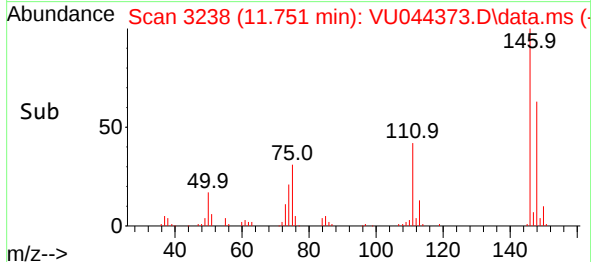
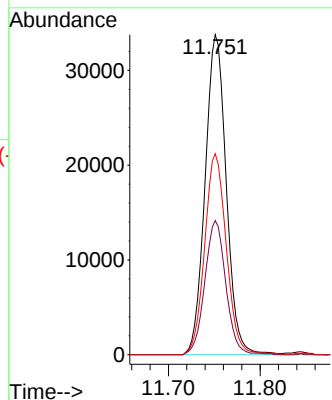
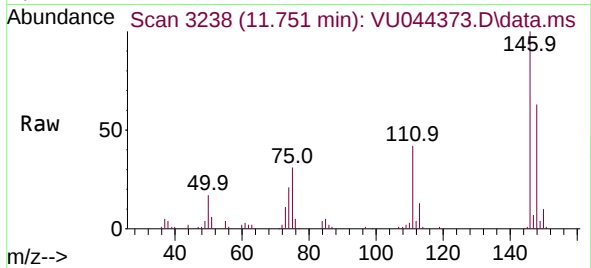




#83  
1,4-Dichlorobenzene  
Concen: 1.670 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.090 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

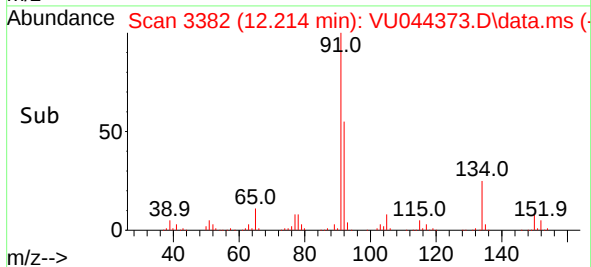
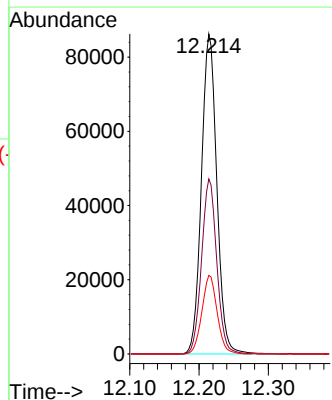
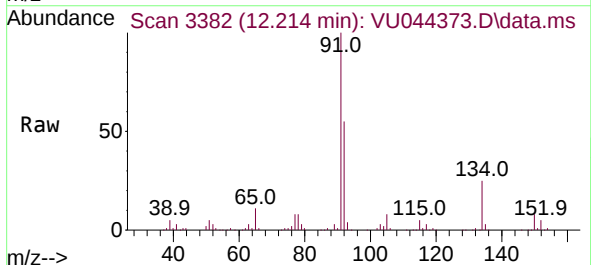
Instrument :  
MSVOA\_U  
ClientSampled :

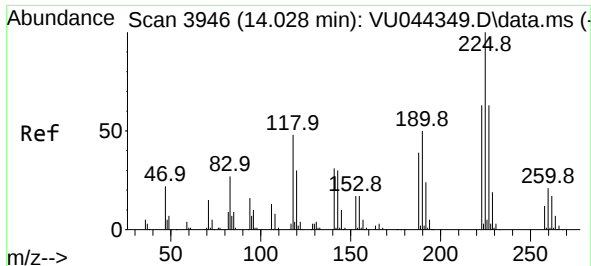
Tgt Ion:146 Resp: 54185  
Ion Ratio Lower Upper  
146 100  
111 41.6 32.6 48.8  
148 64.1 50.8 76.2



#84  
n-Butylbenzene  
Concen: 2.081 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion: 91 Resp: 132962  
Ion Ratio Lower Upper  
91 100  
92 54.0 43.3 64.9  
134 24.4 20.2 30.4

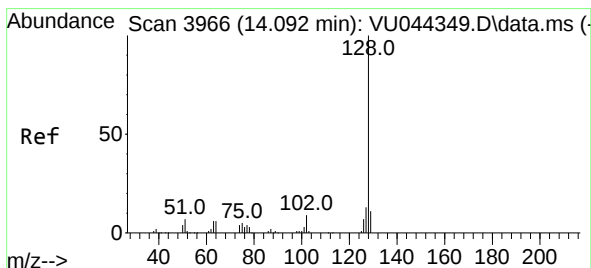
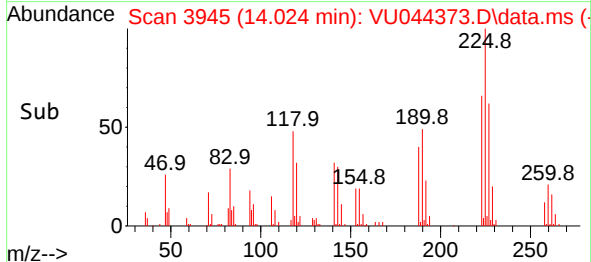
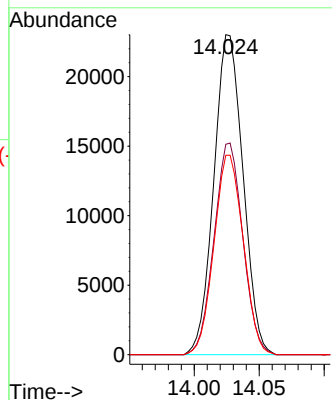
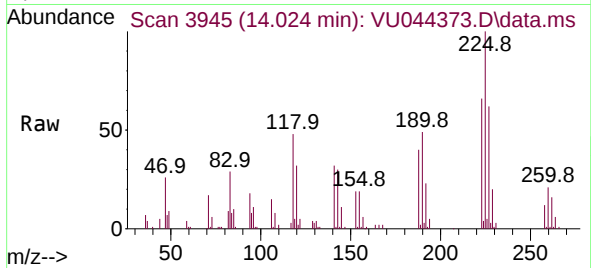




#88  
Hexachlorobutadiene  
Concen: 3.372 ug/l  
RT: 14.024 min Scan# 3945  
Delta R.T. -0.003 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

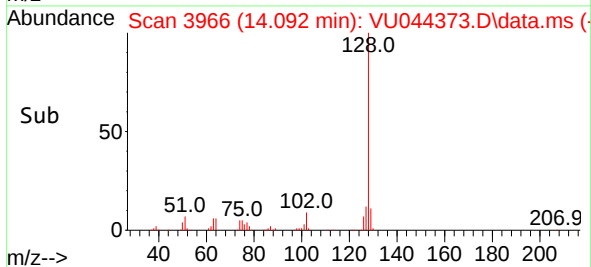
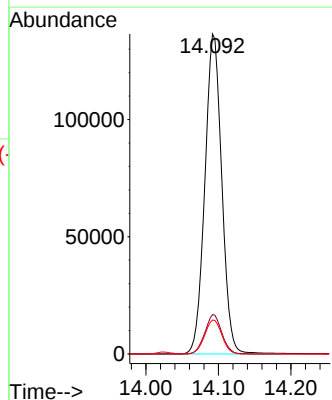
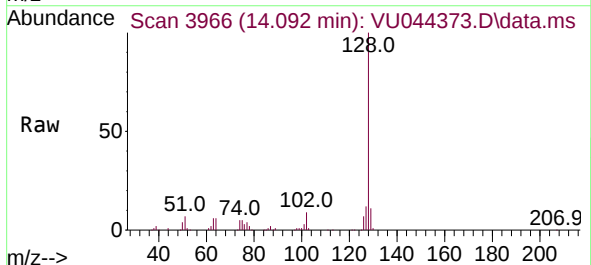
Instrument :  
MSVOA\_U  
ClientSampleId :

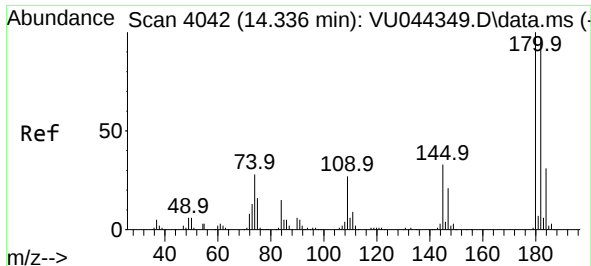
Tgt Ion:225 Resp: 35937  
Ion Ratio Lower Upper  
225 100  
223 65.2 50.9 76.3  
227 62.5 50.8 76.2



#89  
Naphthalene  
Concen: 5.022 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044373.D  
Acq: 20 Jul 2021 15:51

Tgt Ion:128 Resp: 221190  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.4 15.6  
129 10.8 8.6 13.0





#90  
 1,2,3-Trichlorobenzene  
 Concen: 4.145 ug/l  
 RT: 14.336 min Scan# 4042  
 Delta R.T. -0.000 min  
 Lab File: VU044373.D  
 Acq: 20 Jul 2021 15:51

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tgt Ion:180 Resp: 82868  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 77.1 115.7  
 145 32.8 27.0 40.4

