

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022021\  
 Data File : VU042371.D  
 Acq On : 19 Feb 2021 18:59  
 Operator : SY/MD  
 Sample : MDL07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL07

Quant Time: Feb 20 01:55:20 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 20 01:54:00 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|------|----------|-------|---------|----------|
| -----                        |        |      |          |       |         |          |
| Internal Standards           |        |      |          |       |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 133903   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.259  | 114  | 210690   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.427  | 117  | 194439   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.822 | 152  | 92459    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 110053   | 54.20 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 108.40% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 75245    | 50.60 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 101.20% |          |
| 50) Toluene-d8               | 7.906  | 98   | 266493   | 50.04 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 100.08% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 96514    | 45.98 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 91.96%  |          |
| Target Compounds             |        |      |          |       |         |          |
|                              |        |      |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 580      | 0.36  | ug/l    | 95       |
| 3) Chloromethane             | 1.523  | 50   | 992      | 0.60  | ug/l    | 94       |
| 4) Vinyl Chloride            | 1.607  | 62   | 716      | 0.45  | ug/l #  | 82       |
| 5) Bromomethane              | 1.864  | 94   | 721      | 0.74  | ug/l #  | 80       |
| 6) Chloroethane              | 1.938  | 64   | 647      | 0.71  | ug/l    | 91       |
| 7) Trichlorofluoromethane    | 2.144  | 101  | 1117     | 0.46  | ug/l    | 99       |
| 8) Diethyl Ether             | 2.385  | 74   | 472      | 0.61  | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.588  | 101  | 589      | 0.47  | ug/l #  | 88       |
| 10) Methyl Iodide            | 2.736  | 142  | 671      | 0.37  | ug/l #  | 89       |
| 11) Tert butyl alcohol       | 3.266  | 59   | 435      | 1.00  | ug/l #  | 94       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 671      | 0.54  | ug/l #  | 69       |
| 13) Acrolein                 | 2.504  | 56   | 724      | 2.73  | ug/l    | 98       |
| 14) Allyl chloride           | 2.928  | 41   | 1338     | 0.49  | ug/l    | 91       |
| 15) Acrylonitrile            | 3.337  | 53   | 2294     | 2.19  | ug/l    | 90       |
| 16) Acetone                  | 2.652  | 43   | 2938     | 2.33  | ug/l    | 100      |
| 17) Carbon Disulfide         | 2.800  | 76   | 1729     | 0.47  | ug/l #  | 93       |
| 18) Methyl Acetate           | 2.961  | 43   | 1175     | 0.51  | ug/l #  | 74       |
| 19) Methyl tert-butyl Ether  | 3.379  | 73   | 2192     | 0.47  | ug/l    | 98       |
| 20) Methylene Chloride       | 3.054  | 84   | 894      | 0.62  | ug/l #  | 87       |
| 21) trans-1,2-Dichloroethene | 3.362  | 96   | 579      | 0.44  | ug/l    | 90       |
| 22) Diisopropyl ether        | 4.006  | 45   | 2230     | 0.43  | ug/l    | 87       |
| 23) Vinyl Acetate            | 3.970  | 43   | 10726    | 2.17  | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 3.880  | 63   | 1202     | 0.45  | ug/l #  | 84       |
| 25) 2-Butanone               | 4.732  | 43   | 3313     | 1.98  | ug/l    | 96       |
| 26) 2,2-Dichloropropane      | 4.671  | 77   | 1161     | 0.47  | ug/l #  | 63       |
| 27) cis-1,2-Dichloroethene   | 4.681  | 96   | 632      | 0.41  | ug/l    | 71       |
| 28) Bromochloromethane       | 4.977  | 49   | 581      | 0.42  | ug/l #  | 66       |
| 29) Tetrahydrofuran          | 5.079  | 42   | 2343     | 2.25  | ug/l #  | 79       |
| 30) Chloroform               | 5.099  | 83   | 1327     | 0.48  | ug/l    | 92       |
| 31) Cyclohexane              | 5.382  | 56   | 4015     | 1.51  | ug/l #  | 24       |
| 32) 1,1,1-Trichloroethane    | 5.317  | 97   | 598      | 0.24  | ug/l #  | 42       |
| 36) 1,1-Dichloropropene      | 5.536  | 75   | 950      | 0.46  | ug/l #  | 85       |
| 37) Ethyl Acetate            | 4.822  | 43   | 769      | 0.24  | ug/l #  | 71       |
| 38) Carbon Tetrachloride     | 5.536  | 117  | 1012     | 0.45  | ug/l #  | 77       |
| 39) Methylcyclohexane        | 6.767  | 83   | 1018     | 0.42  | ug/l    | 90       |
| 40) Benzene                  | 5.787  | 78   | 2862     | 0.49  | ug/l    | 92       |

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 Sample : MDL07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL07

Quant Time: Feb 20 01:55:20 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 20 01:54:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.986  | 41   | 520      | 0.31  | ug/l # | 56       |
| 42) 1,2-Dichloroethane        | 5.806  | 62   | 1448     | 0.57  | ug/l # | 79       |
| 43) Isopropyl Acetate         | 5.922  | 43   | 2085     | 0.44  | ug/l # | 81       |
| 44) Trichloroethene           | 6.555  | 130  | 593      | 0.38  | ug/l   | 84       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 393      | 0.24  | ug/l   | 99       |
| 46) Dibromomethane            | 6.922  | 93   | 474      | 0.42  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.115  | 83   | 894      | 0.40  | ug/l # | 91       |
| 48) Methyl methacrylate       | 6.970  | 41   | 1039     | 0.44  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.015  | 88   | 113      | 2.50  | ug/l # | 12       |
| 51) 4-Methyl-2-Pentanone      | 7.806  | 43   | 6989     | 2.17  | ug/l   | 94       |
| 52) Toluene                   | 7.976  | 92   | 1650     | 0.46  | ug/l   | 83       |
| 53) t-1,3-Dichloropropene     | 8.221  | 75   | 1058     | 0.43  | ug/l # | 57       |
| 54) cis-1,3-Dichloropropene   | 7.620  | 75   | 867      | 0.33  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 8.411  | 97   | 614      | 0.41  | ug/l # | 87       |
| 56) Ethyl methacrylate        | 8.343  | 69   | 1177     | 0.46  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 1189     | 0.45  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 1385     | 1.60  | ug/l # | 82       |
| 59) 2-Hexanone                | 8.703  | 43   | 5210     | 2.02  | ug/l   | 90       |
| 60) Dibromochloromethane      | 8.812  | 129  | 687      | 0.39  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 619      | 0.36  | ug/l   | 87       |
| 64) Tetrachloroethene         | 8.562  | 164  | 742      | 0.51  | ug/l # | 79       |
| 65) Chlorobenzene             | 9.452  | 112  | 1833     | 0.47  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 580      | 0.39  | ug/l # | 66       |
| 67) Ethyl Benzene             | 9.578  | 91   | 3206     | 0.46  | ug/l   | 92       |
| 68) m/p-Xylenes               | 9.703  | 106  | 2147     | 0.83  | ug/l   | 95       |
| 69) o-Xylene                  | 10.111 | 106  | 936      | 0.37  | ug/l   | 85       |
| 70) Styrene                   | 10.124 | 104  | 1652     | 0.39  | ug/l   | 96       |
| 71) Bromoform                 | 10.298 | 173  | 453      | 0.32  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.494 | 105  | 2792     | 0.45  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.330 | 43   | 1428     | 0.41  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 1010     | 0.43  | ug/l # | 91       |
| 76) 1,2,3-Trichloropropane    | 10.639 | 75   | 54395    | 23.79 | ug/l # | 37       |
| 77) Bromobenzene              | 10.793 | 156  | 641      | 0.39  | ug/l   | 72       |
| 78) n-propylbenzene           | 10.912 | 91   | 3109     | 0.44  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 1962     | 0.45  | ug/l   | 72       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 2191     | 0.41  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 10.639 | 75   | 54395    | 64.69 | ug/l # | 7        |
| 82) 4-Chlorotoluene           | 10.992 | 91   | 1962     | 0.39  | ug/l   | 77       |
| 83) tert-Butylbenzene         | 11.426 | 119  | 2259     | 0.44  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 2186     | 0.41  | ug/l   | 90       |
| 85) sec-Butylbenzene          | 11.655 | 105  | 2363     | 0.39  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 2309     | 0.41  | ug/l # | 62       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 1368     | 0.48  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 11.751 | 146  | 1368     | 0.47  | ug/l   | 90       |
| 89) n-Butylbenzene            | 12.217 | 91   | 1721     | 0.35  | ug/l   | 90       |
| 90) Hexachloroethane          | 12.478 | 117  | 303      | 0.31  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 1523     | 0.52  | ug/l # | 66       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.008 | 75   | 169      | 0.26  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 13.854 | 180  | 607      | 0.34  | ug/l # | 84       |
| 94) Hexachlorobutadiene       | 14.031 | 225  | 317      | 0.31  | ug/l   | 88       |
| 95) Naphthalene               | 14.098 | 128  | 1366     | 0.26  | ug/l # | 73       |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 464      | 0.26  | ug/l # | 72       |

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Operator : SY/MD  
Sample : MDL07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

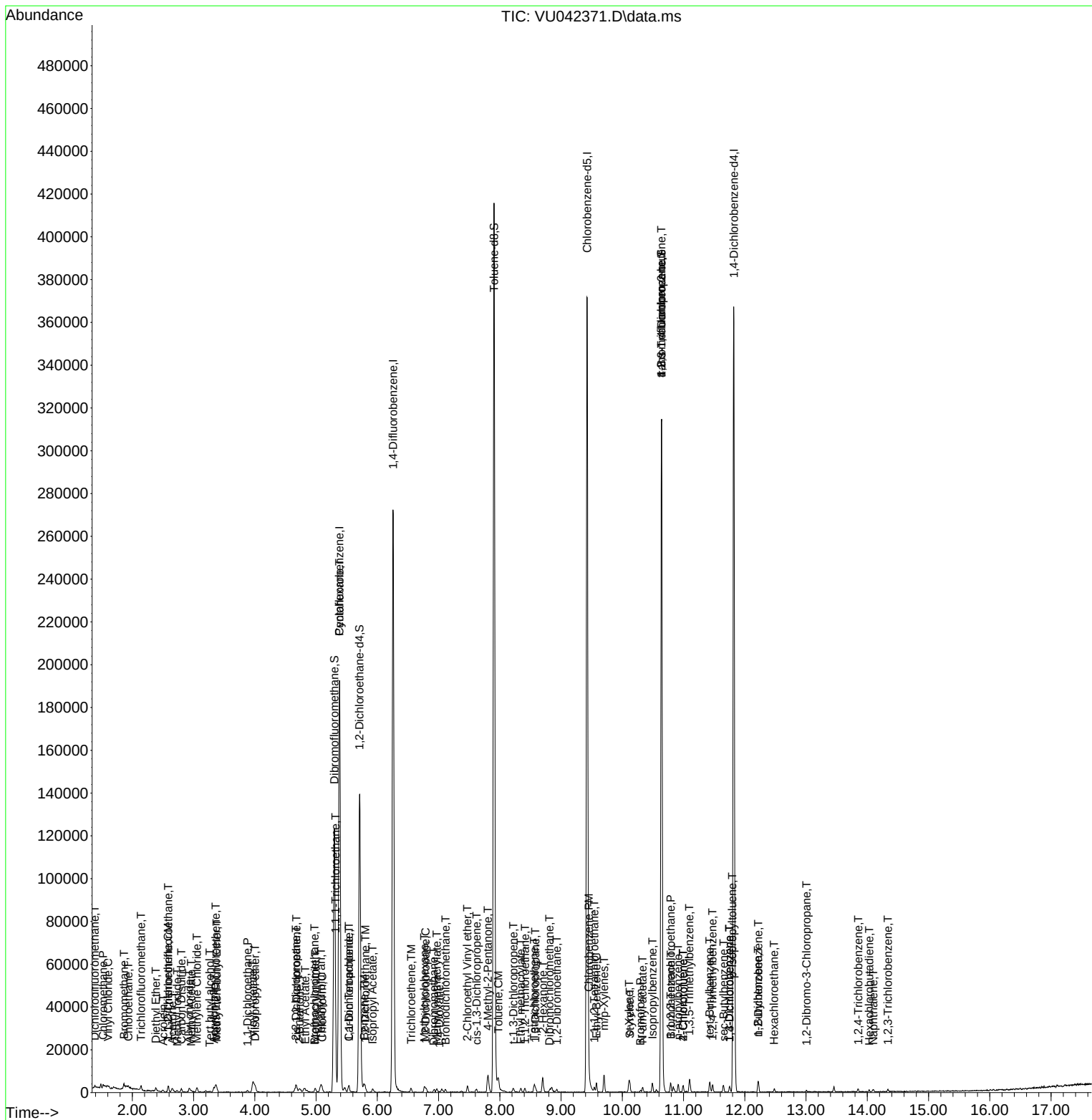
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

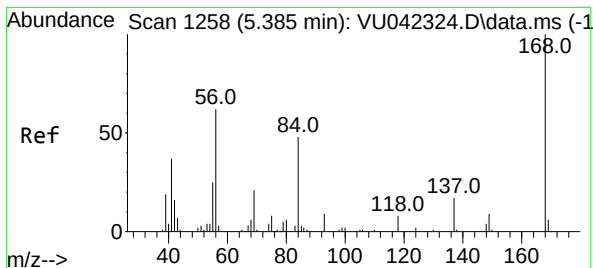
Quant Time: Feb 20 01:55:20 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 20 01:54:00 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration



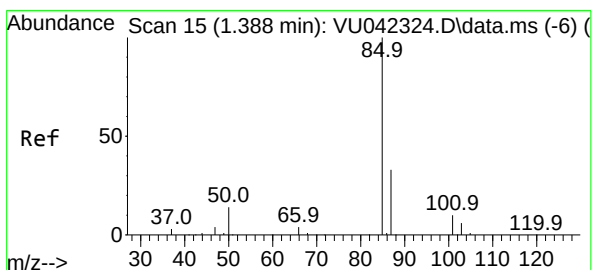
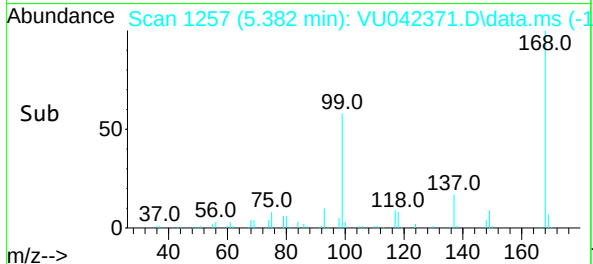
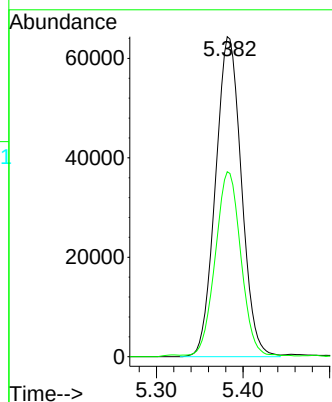
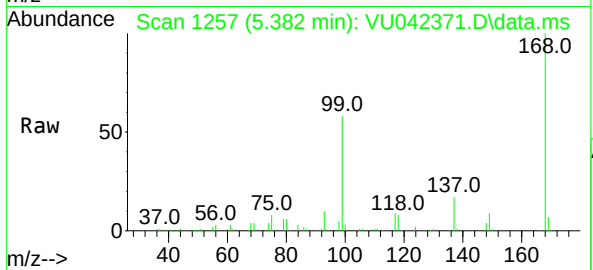


#1

Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

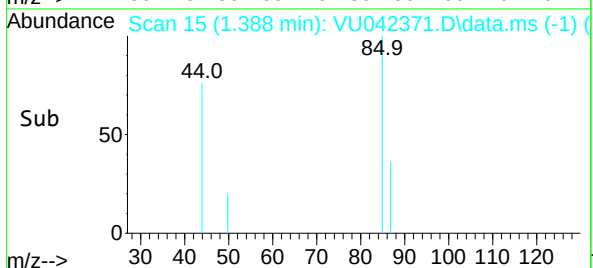
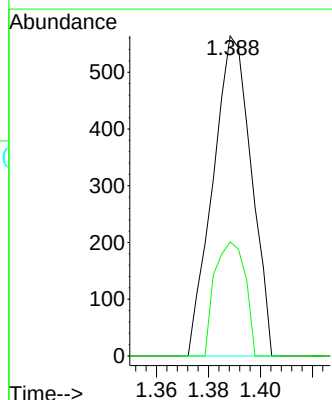
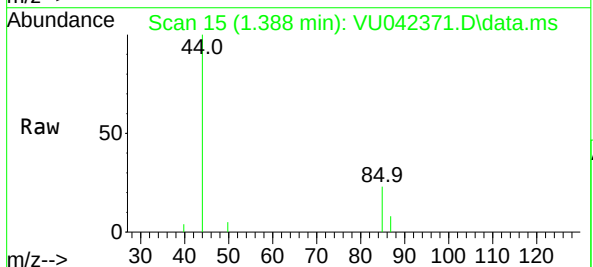
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Ion Ratio Lower Upper  
168 100  
99 57.4 45.0 67.4

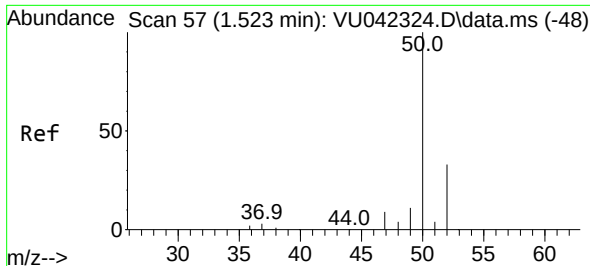


#2

Dichlorodifluoromethane  
Concen: 0.36 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 85 Resp: 580  
Ion Ratio Lower Upper  
85 100  
87 35.6 16.5 49.5

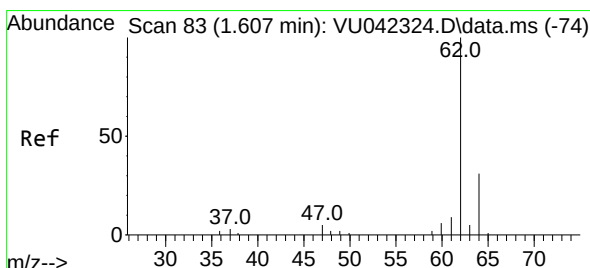
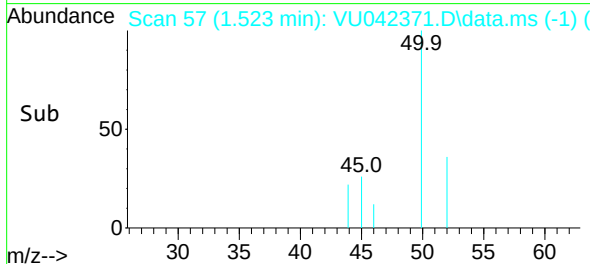
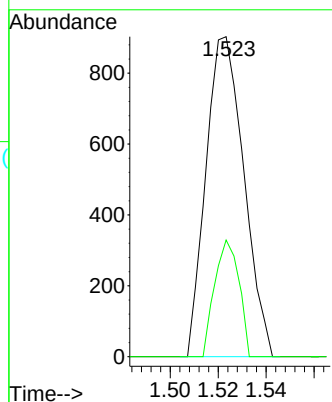
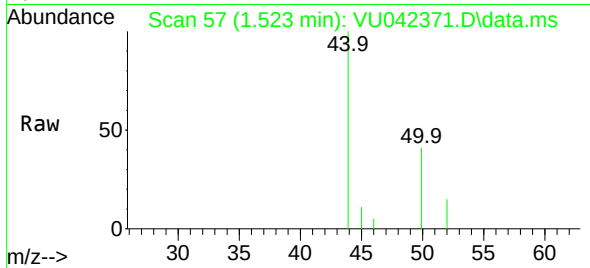




#3  
Chloromethane  
Concen: 0.60 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

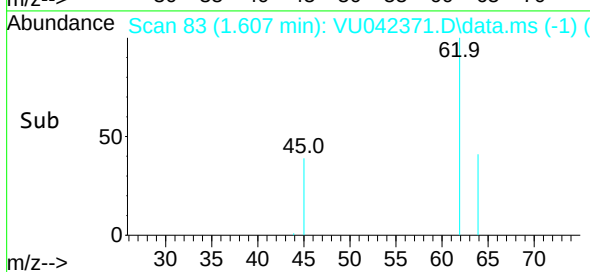
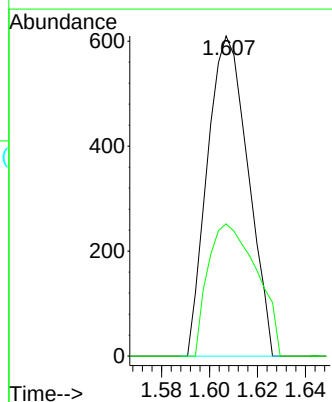
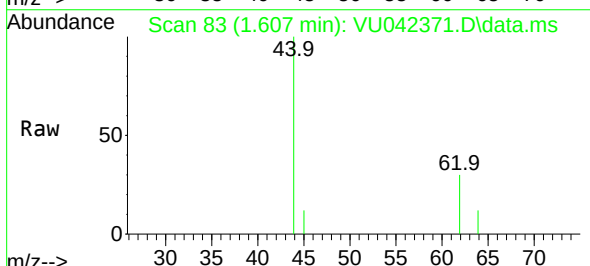
Instrument :  
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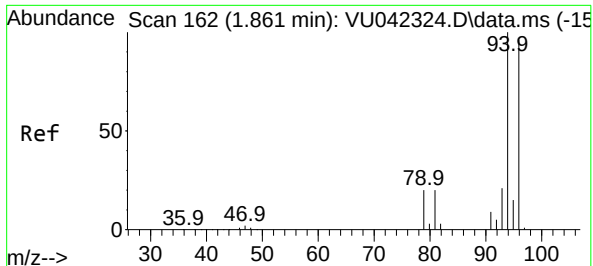
Tgt Ion: 50 Resp: 992  
Ion Ratio Lower Upper  
50 100  
52 36.4 26.6 40.0



#4  
Vinyl Chloride  
Concen: 0.45 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 62 Resp: 716  
Ion Ratio Lower Upper  
62 100  
64 41.3 25.2 37.8#

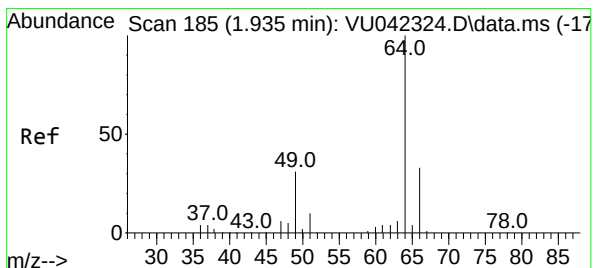
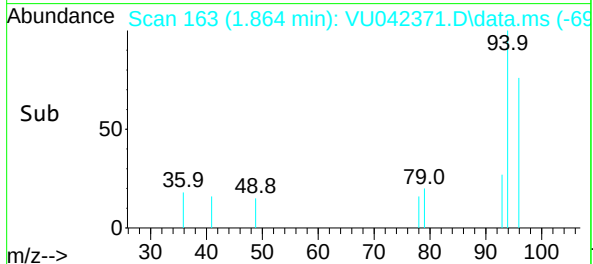
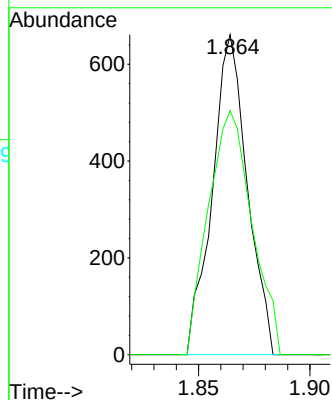
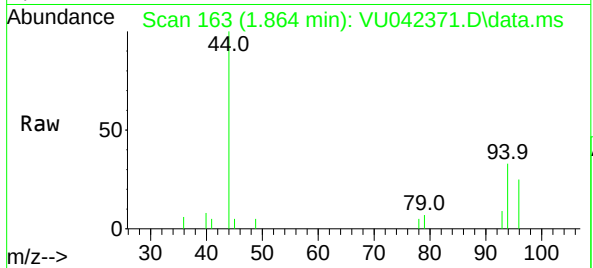




#5  
Bromomethane  
Concen: 0.74 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

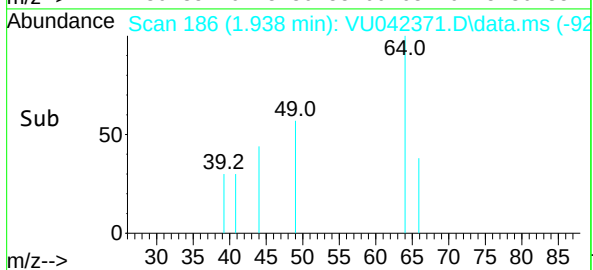
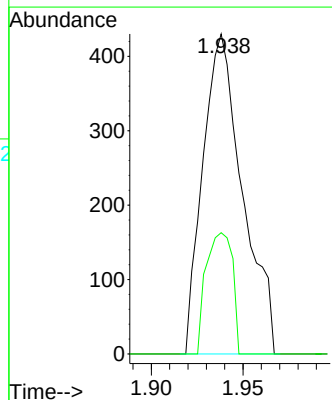
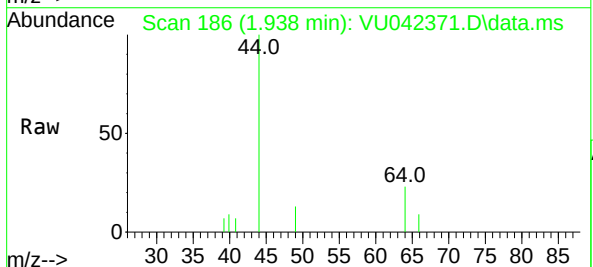
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

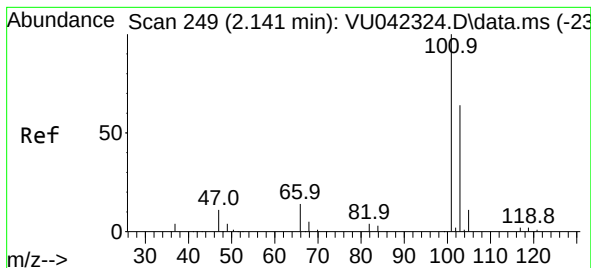
Tgt Ion: 94 Resp: 721  
Ion Ratio Lower Upper  
94 100  
96 76.2 76.6 115.0#



#6  
Chloroethane  
Concen: 0.71 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 64 Resp: 647  
Ion Ratio Lower Upper  
64 100  
66 37.9 26.4 39.6

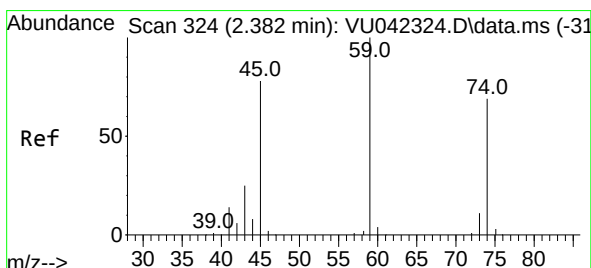
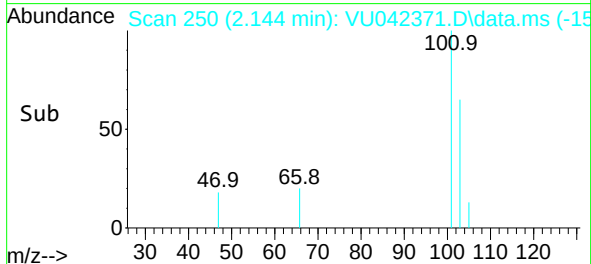
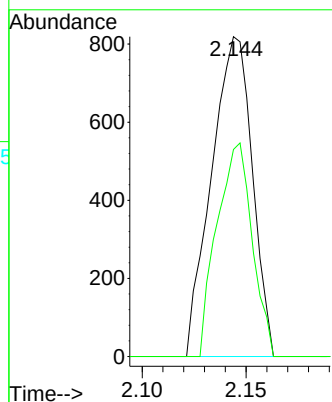
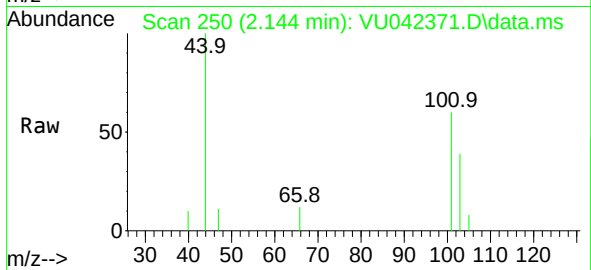




#7  
 Trichlorofluoromethane  
 Concen: 0.46 ug/l  
 RT: 2.144 min Scan# 250  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

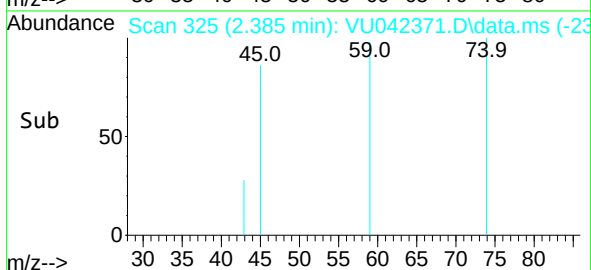
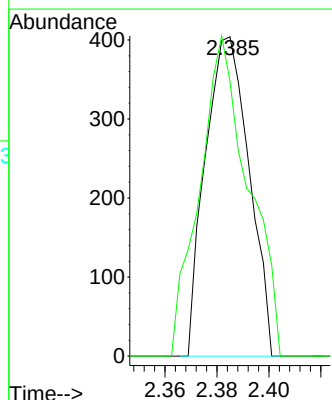
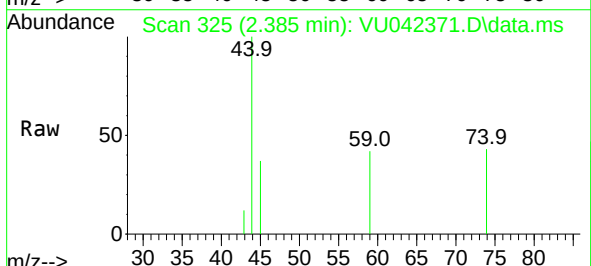
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL07

Tgt Ion:101 Resp: 1117  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.3 76.9

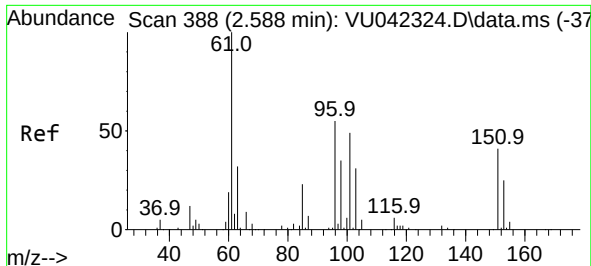


#8  
 Diethyl Ether  
 Concen: 0.61 ug/l  
 RT: 2.385 min Scan# 325  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

Tgt Ion: 74 Resp: 472  
 Ion Ratio Lower Upper  
 74 100  
 45 111.9 56.9 170.6



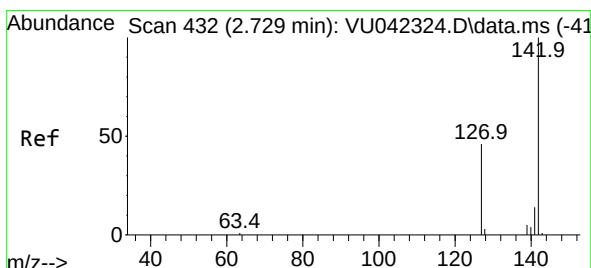
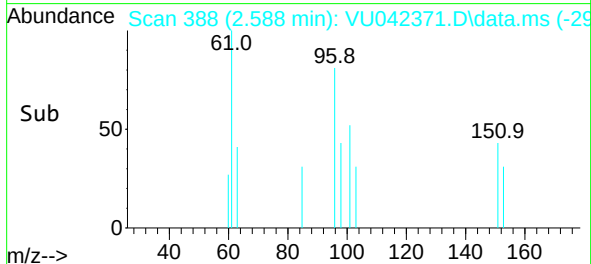
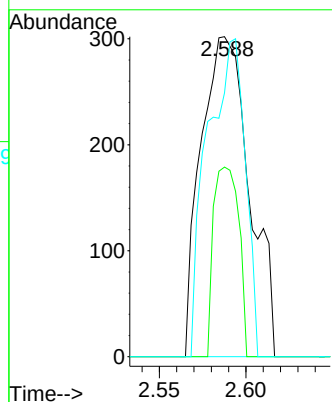
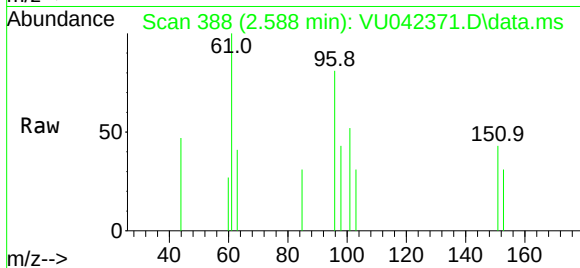




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.47 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

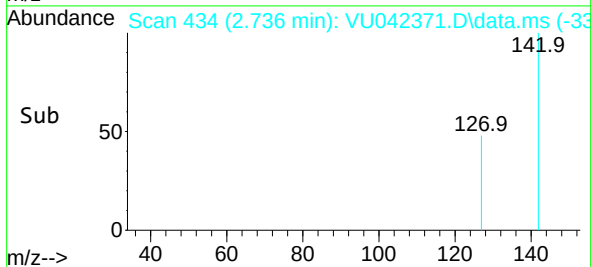
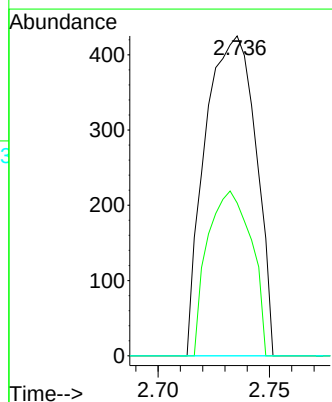
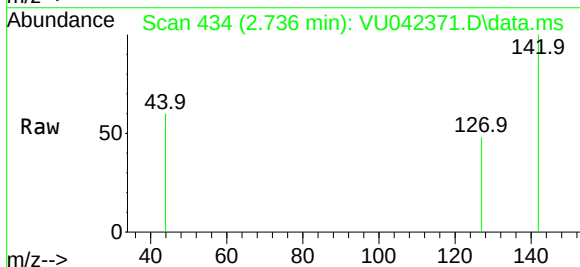
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

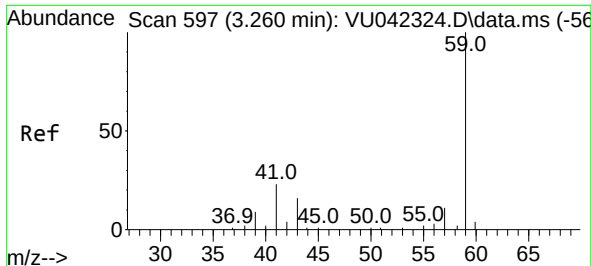
Tgt Ion:101 Resp: 589  
Ion Ratio Lower Upper  
101 100  
85 30.7 37.4 56.0#  
151 77.1 65.8 98.8



#10  
Methyl Iodide  
Concen: 0.37 ug/l  
RT: 2.736 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:142 Resp: 671  
Ion Ratio Lower Upper  
142 100  
127 44.6 37.8 56.6  
141 0.0 11.8 17.6#

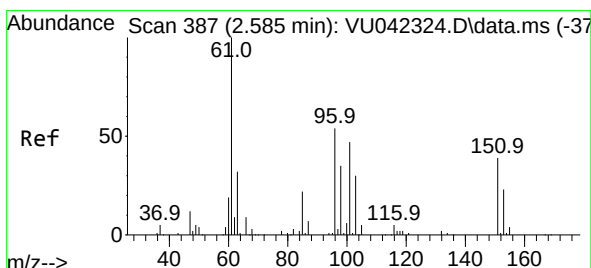
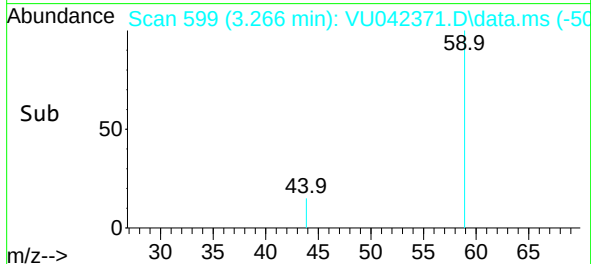
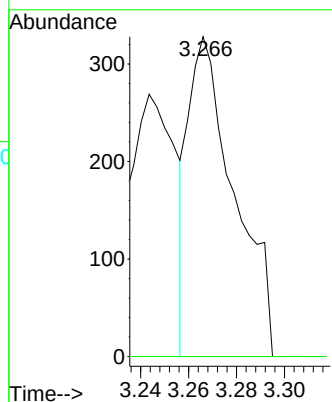
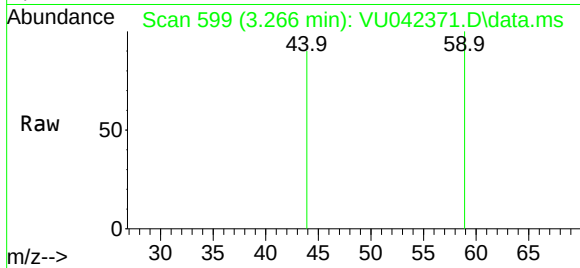




#11  
Tert butyl alcohol  
Concen: 1.00 ug/l  
RT: 3.266 min Scan# 599  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

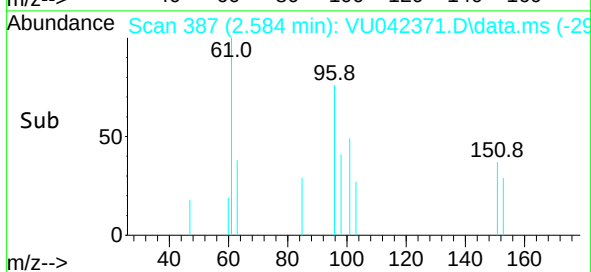
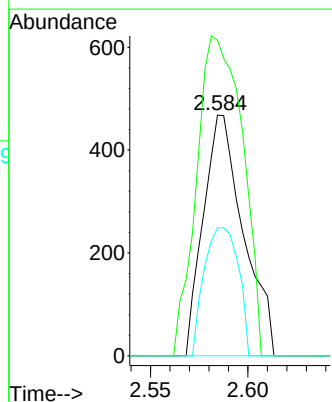
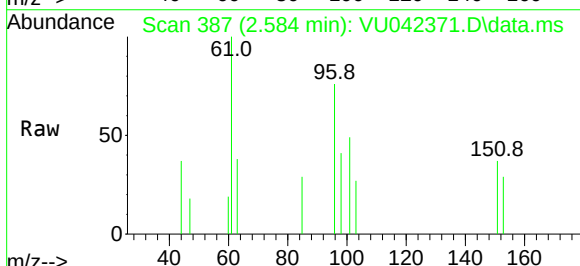
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

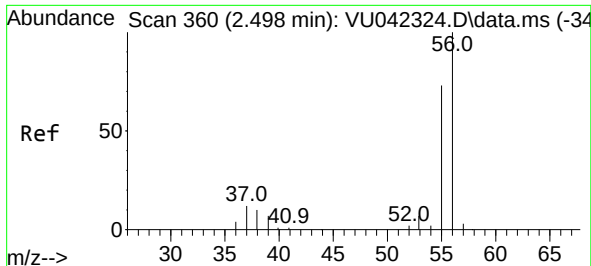
Tgt Ion: 59 Resp: 435  
Ion Ratio Lower Upper  
59 100  
57 0.0 1.6 2.4#



#12  
1,1-Dichloroethene  
Concen: 0.54 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 96 Resp: 671  
Ion Ratio Lower Upper  
96 100  
61 131.2 147.4 221.0#  
98 53.2 51.4 77.2

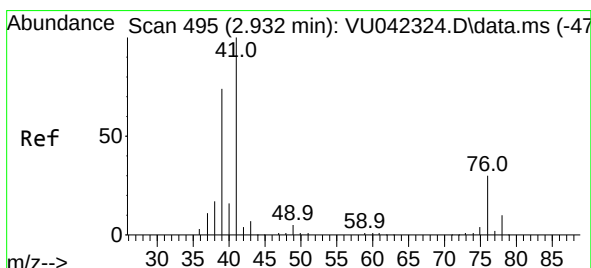
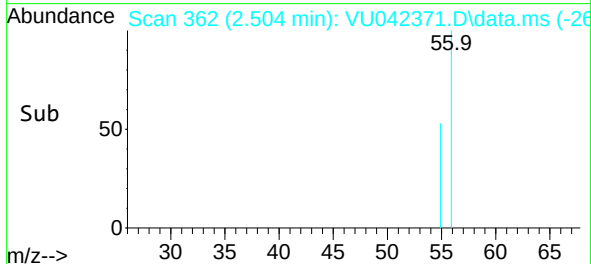
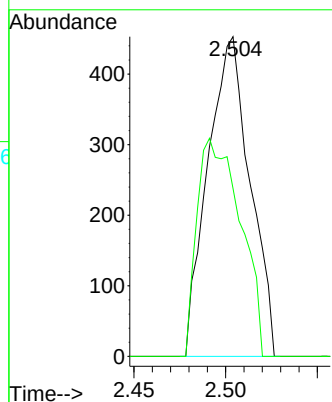
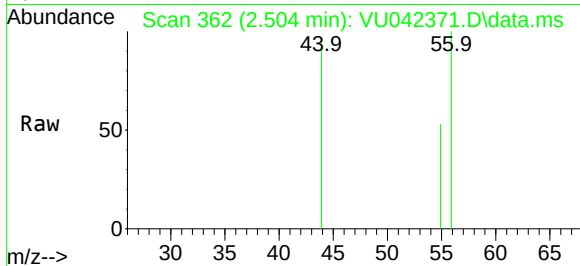




#13  
Acrolein  
Concen: 2.73 ug/l  
RT: 2.504 min Scan# 362  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

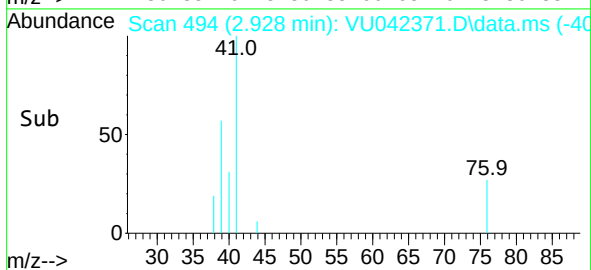
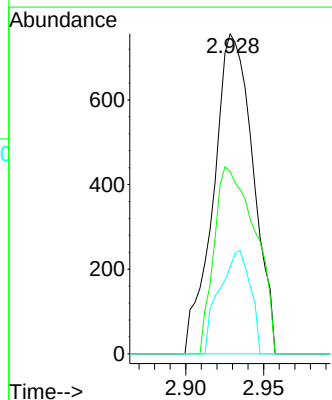
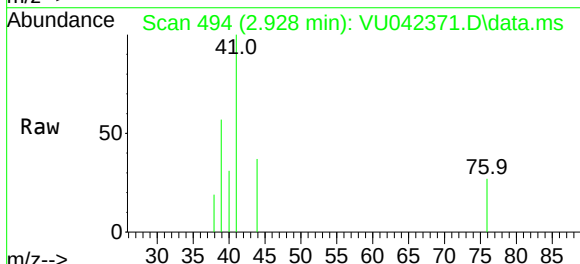
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

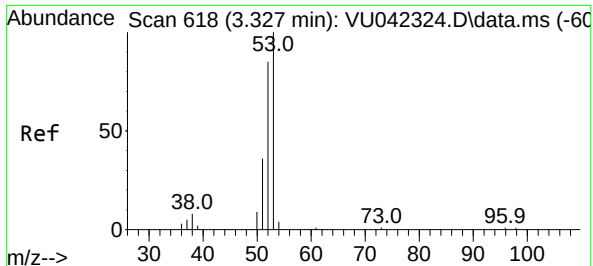
Tgt Ion: 56 Resp: 724  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.3 85.9



#14  
Allyl chloride  
Concen: 0.49 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

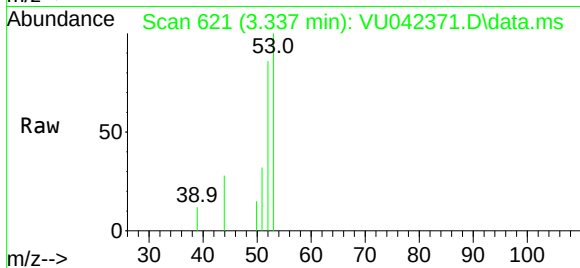
Tgt Ion: 41 Resp: 1338  
Ion Ratio Lower Upper  
41 100  
39 60.6 54.9 82.3  
76 25.2 22.5 33.7



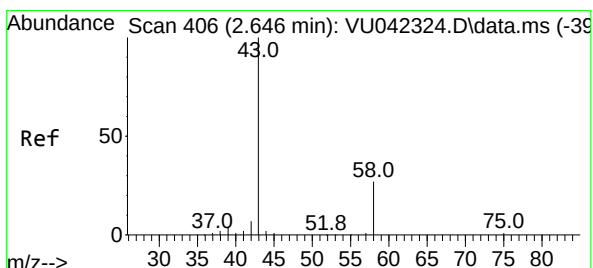
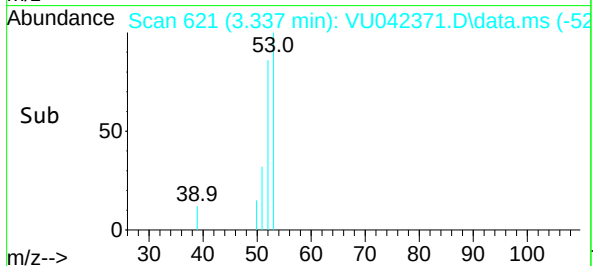
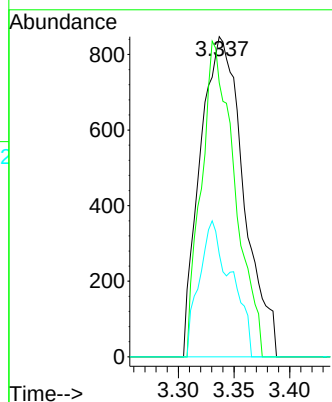


#15  
Acrylonitrile  
Concen: 2.19 ug/l  
RT: 3.337 min Scan# 621  
Delta R.T. 0.010 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

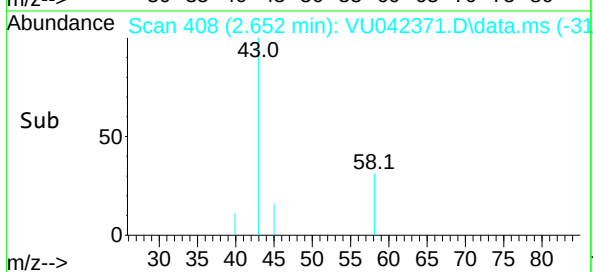
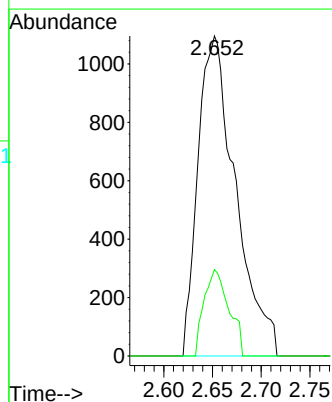
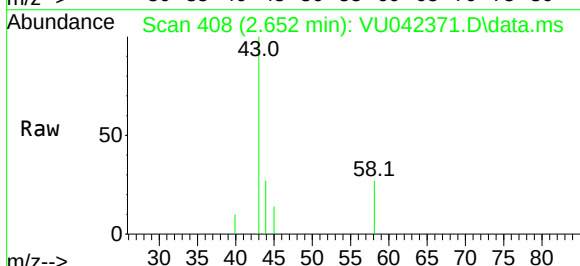


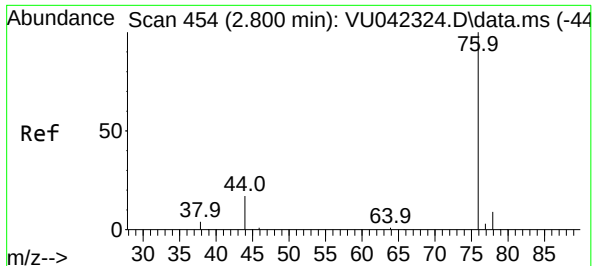
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 2294  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 76.0  | 68.2  | 102.2 |
| 51       | 31.3  | 29.2  | 43.8  |



#16  
Acetone  
Concen: 2.33 ug/l  
RT: 2.652 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2938  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.0  | 21.5  | 32.3  |

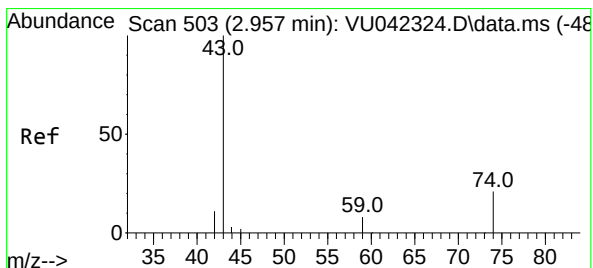
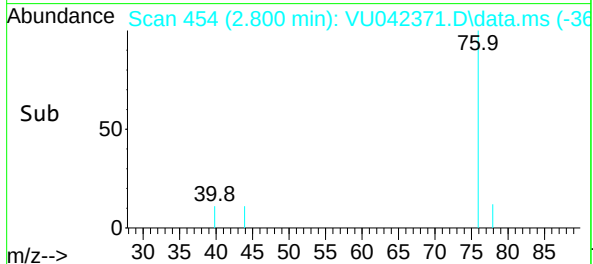
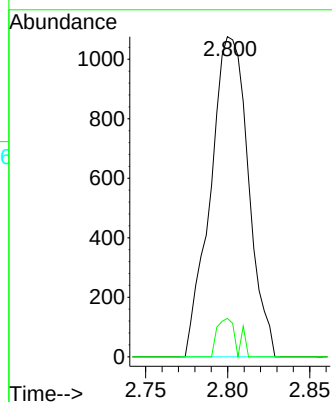
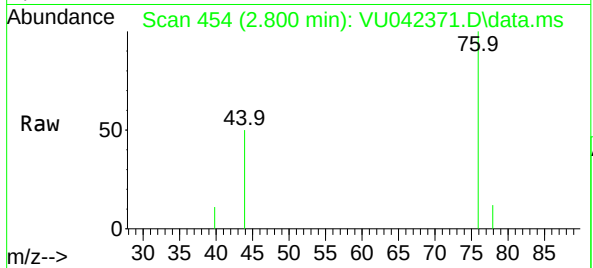




#17  
Carbon Disulfide  
Concen: 0.47 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

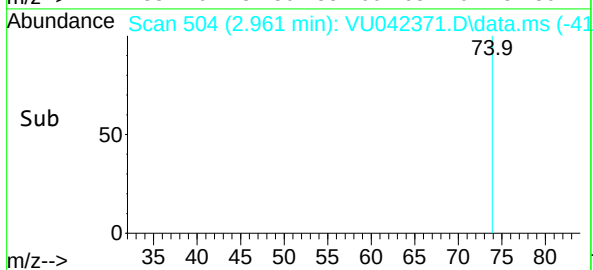
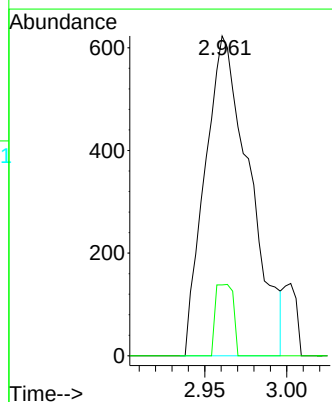
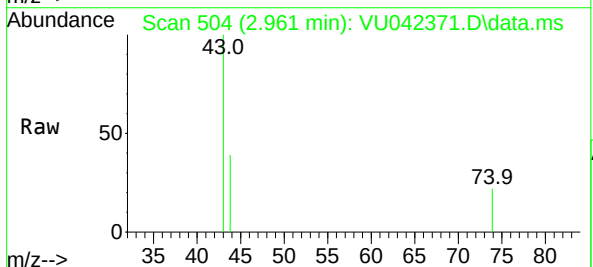
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

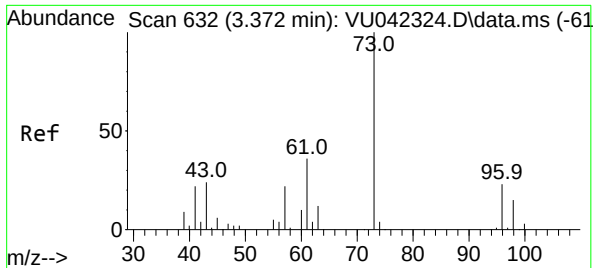
Tgt Ion: 76 Resp: 1729  
Ion Ratio Lower Upper  
76 100  
78 12.0 7.5 11.3#



#18  
Methyl Acetate  
Concen: 0.51 ug/l  
RT: 2.961 min Scan# 504  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 43 Resp: 1175  
Ion Ratio Lower Upper  
43 100  
74 8.9 16.6 25.0#



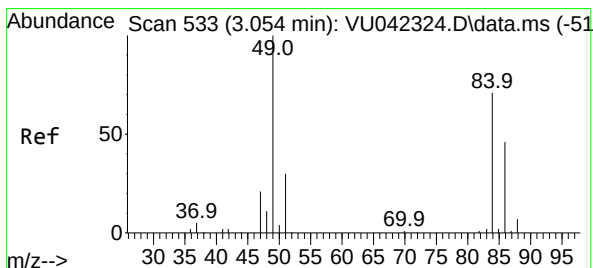
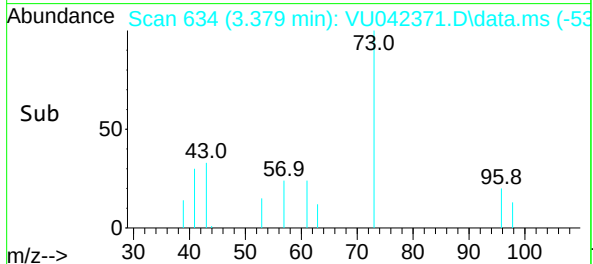
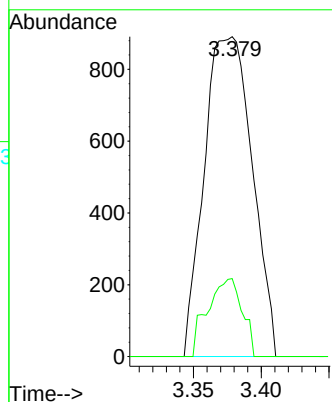
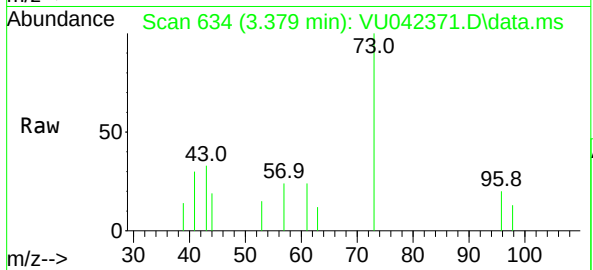


#19

Methyl tert-butyl Ether  
Concen: 0.47 ug/l  
RT: 3.379 min Scan# 634  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07

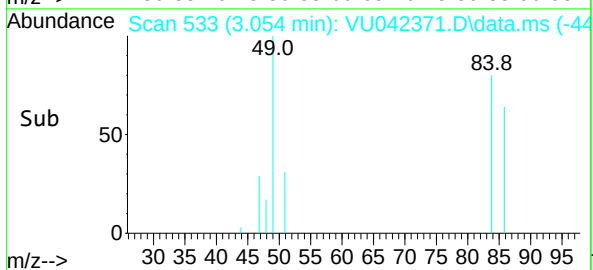
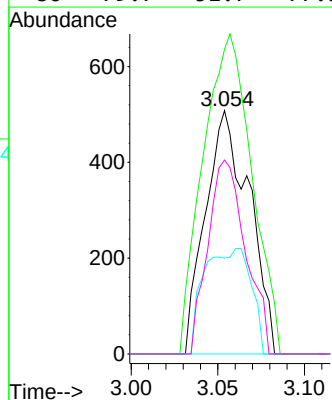
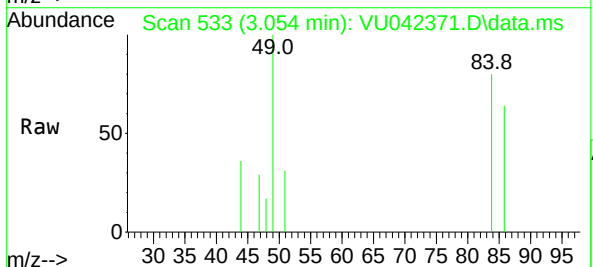
Tgt Ion: 73 Resp: 2192  
Ion Ratio Lower Upper  
73 100  
57 24.4 18.8 28.2

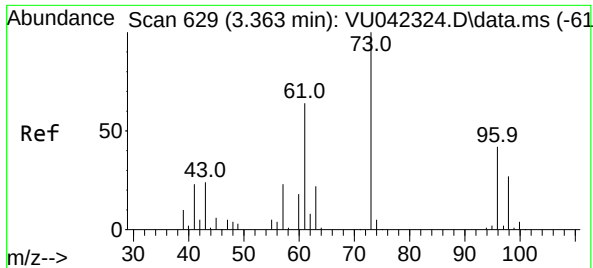


#20

Methylene Chloride  
Concen: 0.62 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 84 Resp: 894  
Ion Ratio Lower Upper  
84 100  
49 125.2 112.6 169.0  
51 39.4 33.7 50.5  
86 79.7 51.7 77.5#

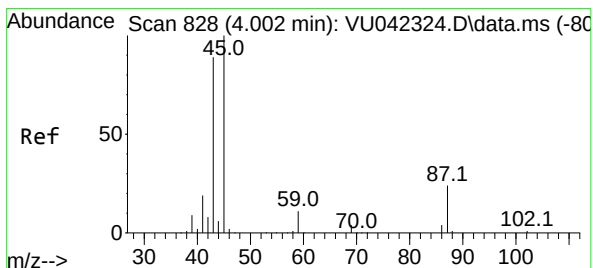
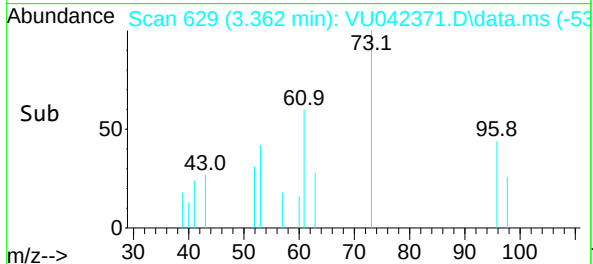
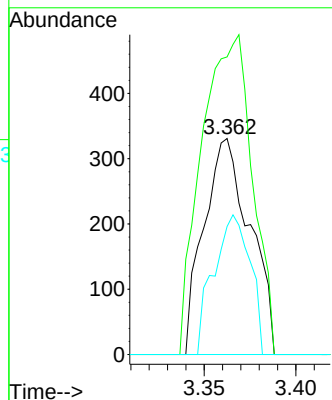
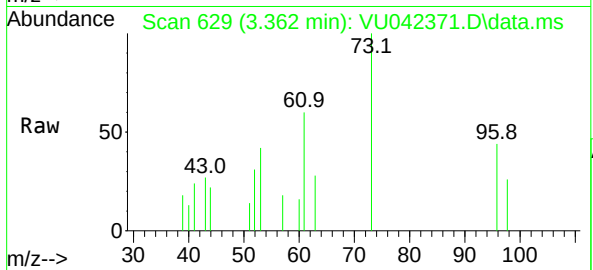




#21  
trans-1,2-Dichloroethene  
Concen: 0.44 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

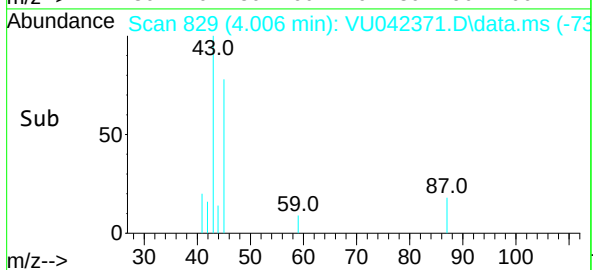
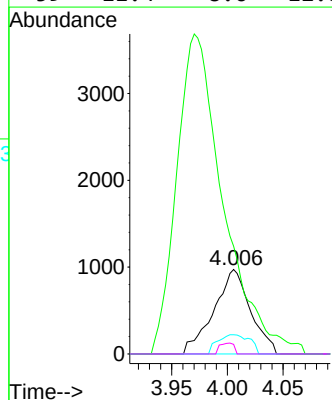
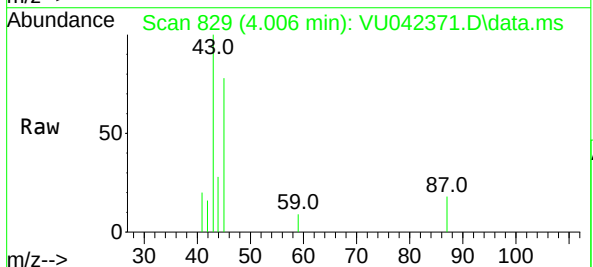
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

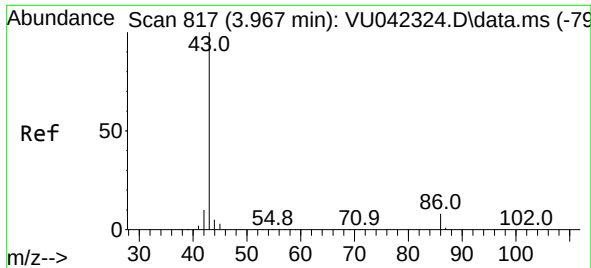
Tgt Ion: 96 Resp: 579  
Ion Ratio Lower Upper  
96 100  
61 137.8 122.4 183.6  
98 59.2 51.9 77.9



#22  
Diisopropyl ether  
Concen: 0.43 ug/l  
RT: 4.006 min Scan# 829  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 45 Resp: 2230  
Ion Ratio Lower Upper  
45 100  
43 107.7 73.0 109.6  
87 22.7 19.5 29.3  
59 11.4 8.6 12.8

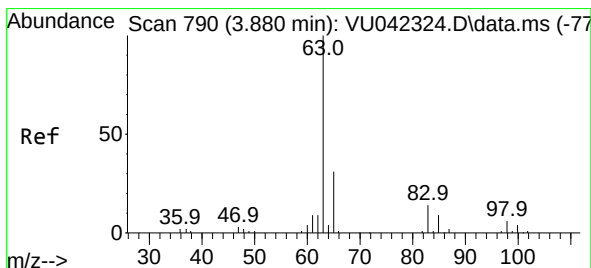
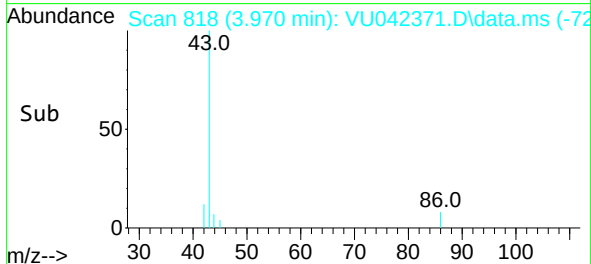
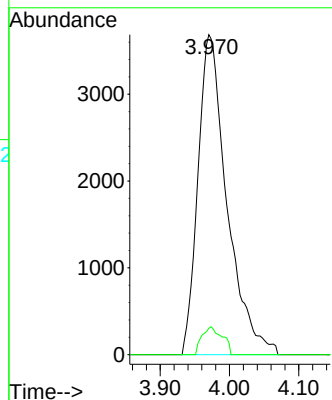
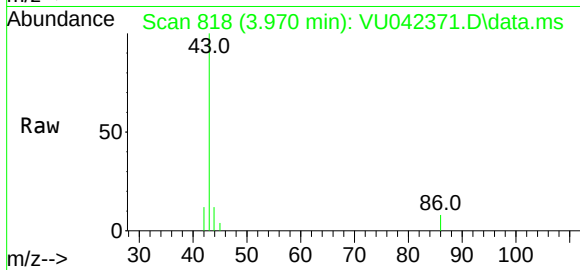




#23  
 Vinyl Acetate  
 Concen: 2.17 ug/l  
 RT: 3.970 min Scan# 818  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

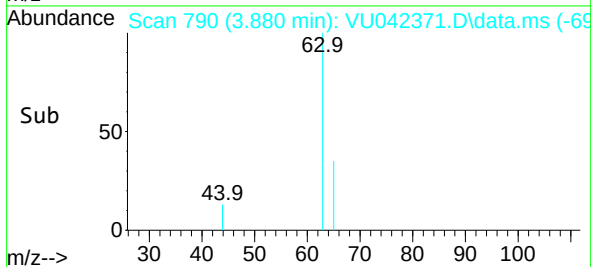
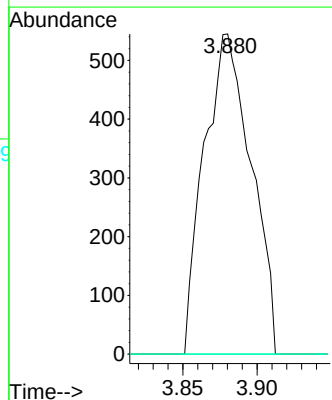
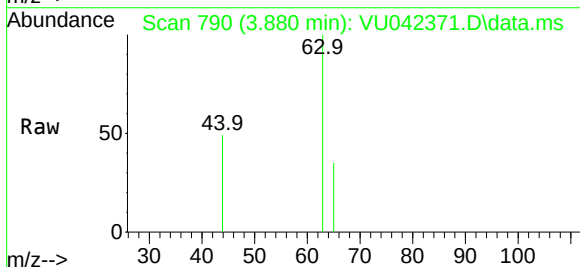
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL07

Tgt Ion: 43 Resp: 10726  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 6.7 10.1

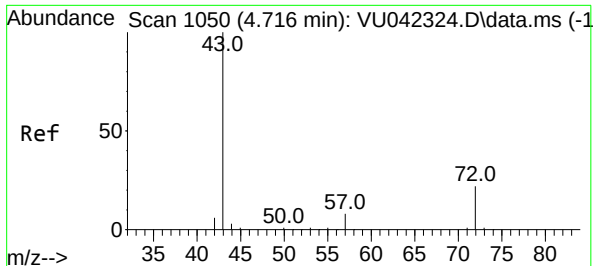


#24  
 1,1-Dichloroethane  
 Concen: 0.45 ug/l  
 RT: 3.880 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

Tgt Ion: 63 Resp: 1202  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.1 9.3#  
 100 0.0 2.1 6.2#



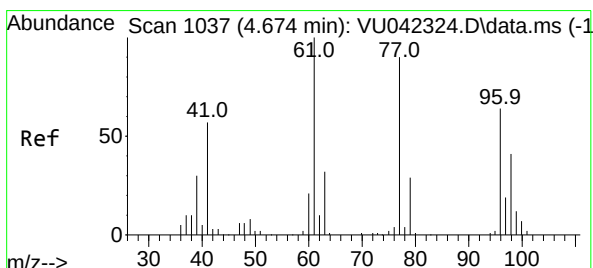
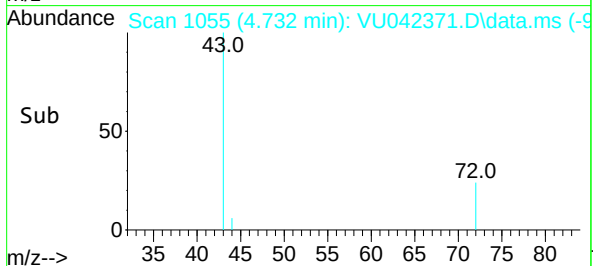
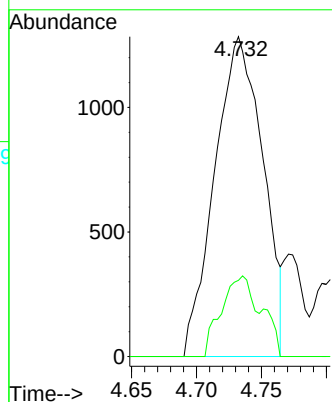
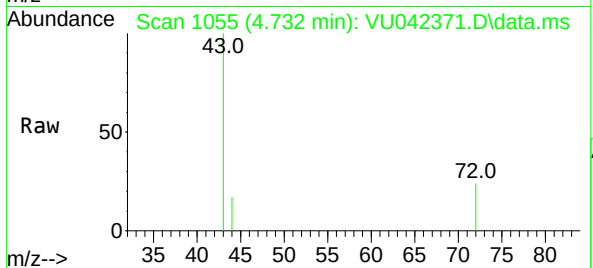




#25  
2-Butanone  
Concen: 1.98 ug/l  
RT: 4.732 min Scan# 1055  
Delta R.T. 0.016 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

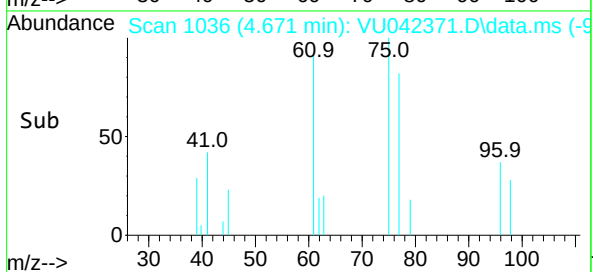
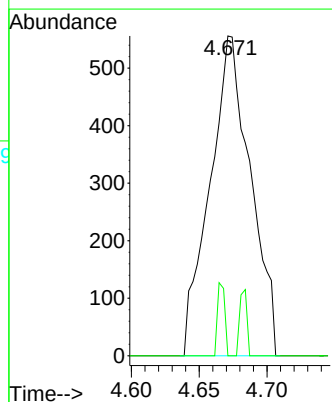
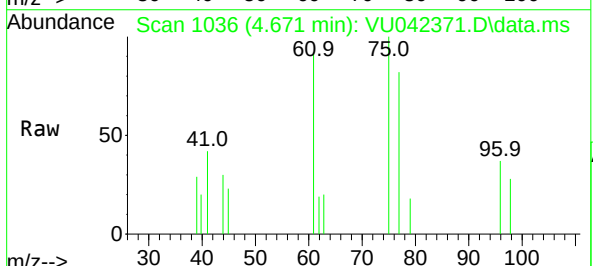
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

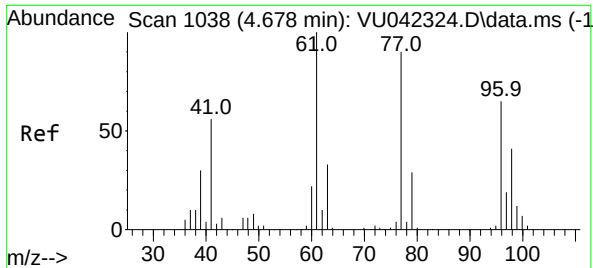
Tgt Ion: 43 Resp: 3313  
Ion Ratio Lower Upper  
43 100  
72 23.8 17.4 26.0



#26  
2,2-Dichloropropane  
Concen: 0.47 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 77 Resp: 1161  
Ion Ratio Lower Upper  
77 100  
97 4.0 10.6 31.8#

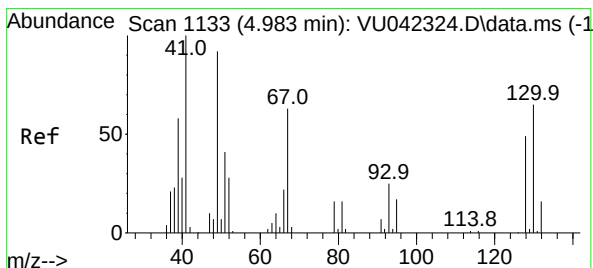
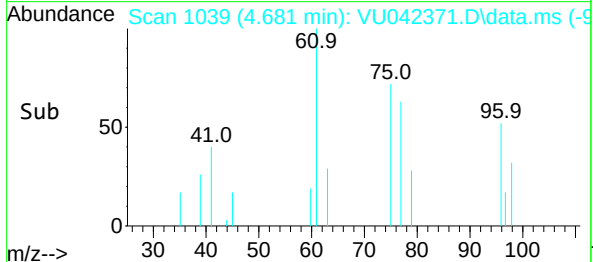
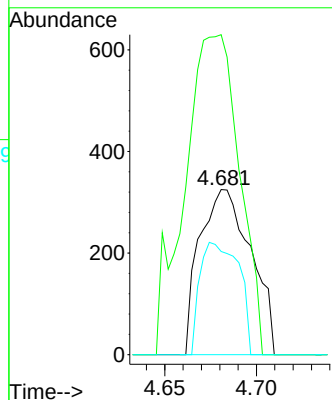
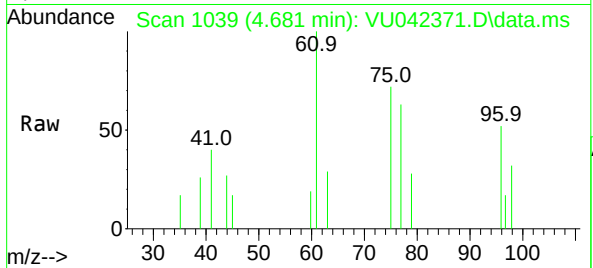




#27  
cis-1,2-Dichloroethene  
Concen: 0.41 ug/l  
RT: 4.681 min Scan# 1039  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

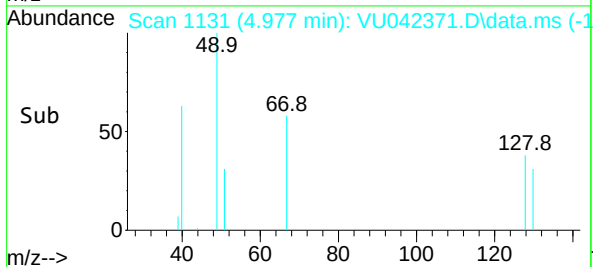
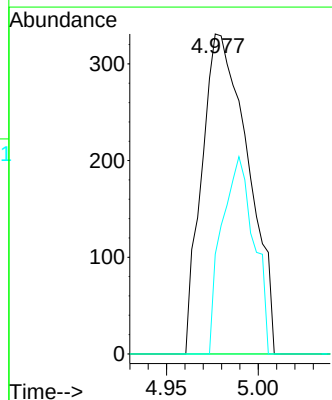
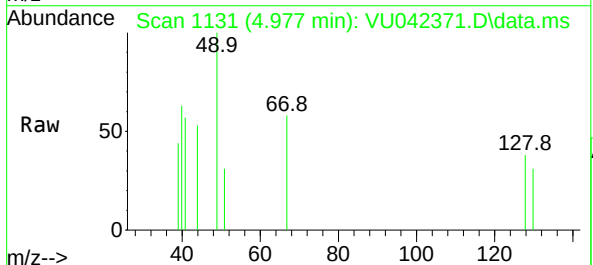
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

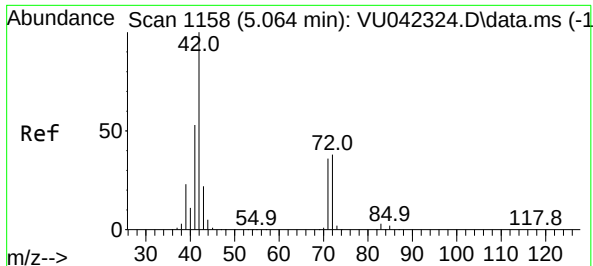
Tgt Ion: 96 Resp: 632  
Ion Ratio Lower Upper  
96 100  
61 206.8 0.0 322.2  
98 51.4 0.0 128.6



#28  
Bromochloromethane  
Concen: 0.42 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. -0.007 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 49 Resp: 581  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 42.7 57.1 85.7#





#29

Tetrahydrofuran

Concen: 2.25 ug/l

RT: 5.079 min Scan# 1163

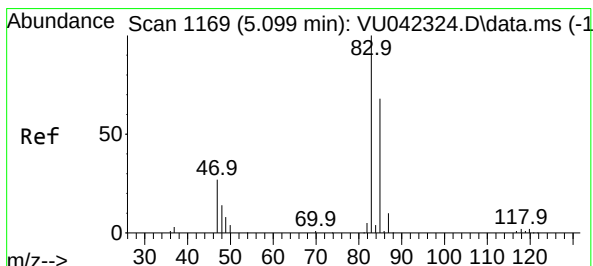
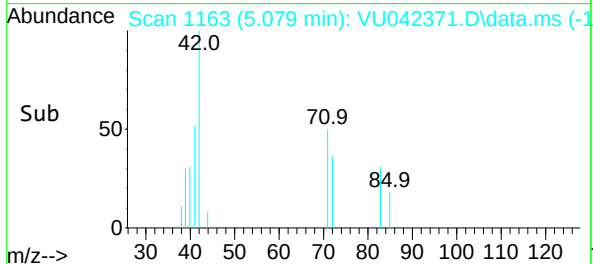
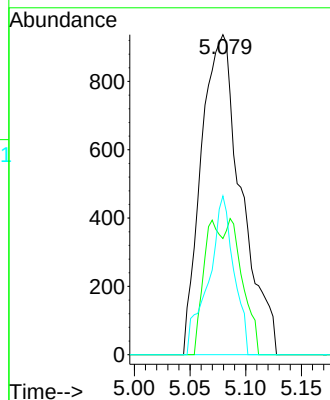
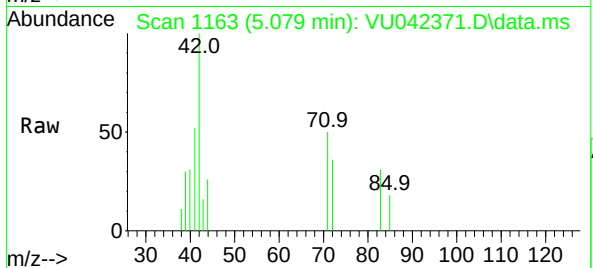
Delta R.T. 0.016 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2343  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 19.8  | 31.5  | 47.3# |
| 71       | 31.3  | 29.5  | 44.3  |



#30

Chloroform

Concen: 0.48 ug/l

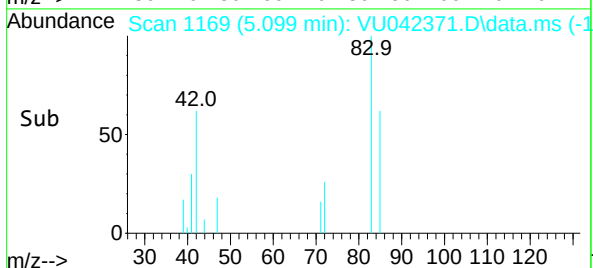
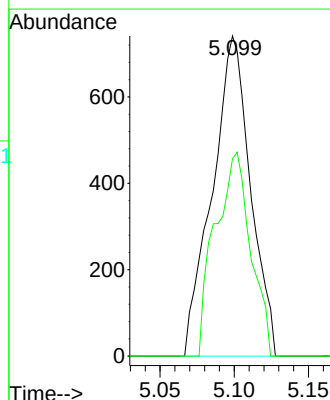
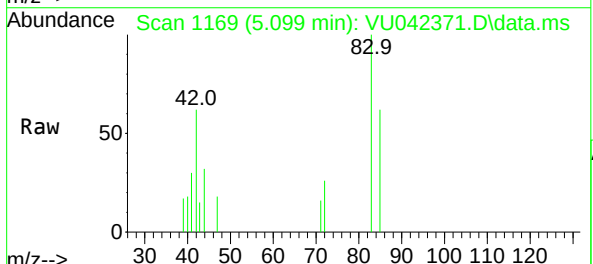
RT: 5.099 min Scan# 1169

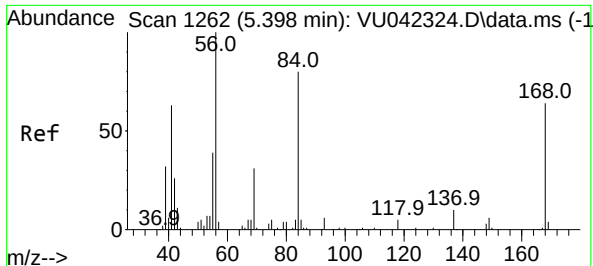
Delta R.T. -0.000 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

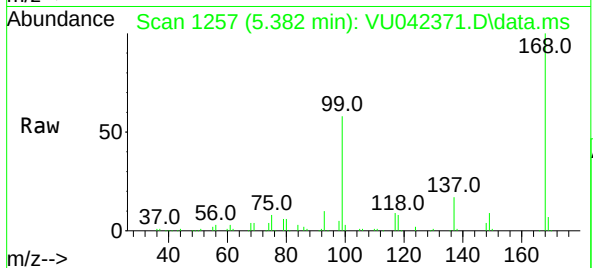
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1327  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.7  | 54.6  | 81.8  |



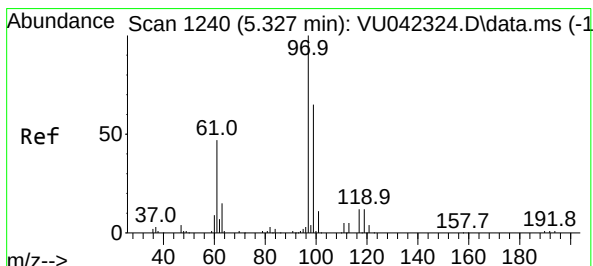
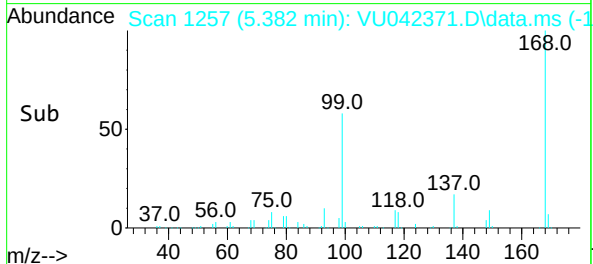
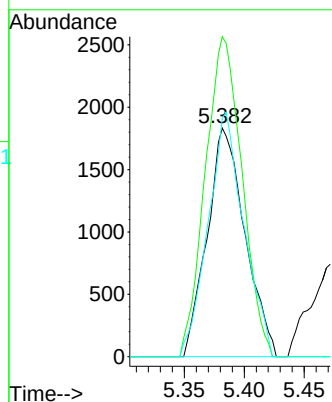


#31  
Cyclohexane  
Concen: 1.51 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.016 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

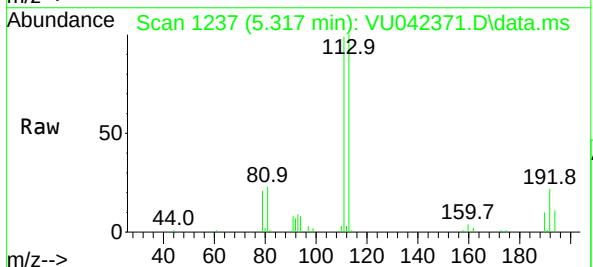
Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07



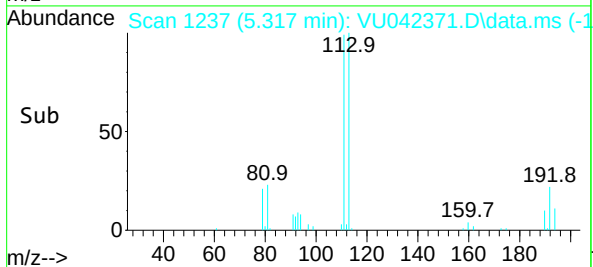
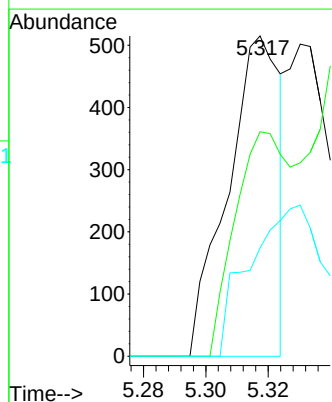
Tgt Ion: 56 Resp: 4015  
Ion Ratio Lower Upper  
56 100  
69 139.9 24.9 37.3#  
84 104.3 63.7 95.5#

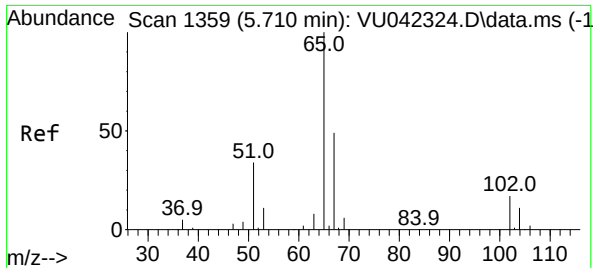


#32  
1,1,1-Trichloroethane  
Concen: 0.24 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. -0.010 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59



Tgt Ion: 97 Resp: 598  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.0#  
61 63.5 37.4 56.2#

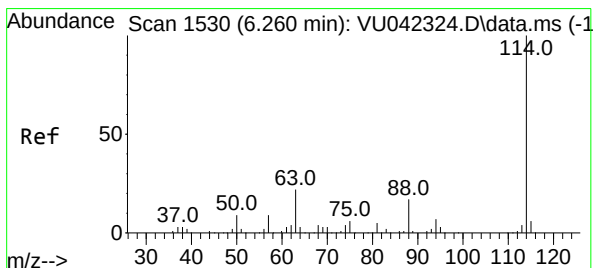
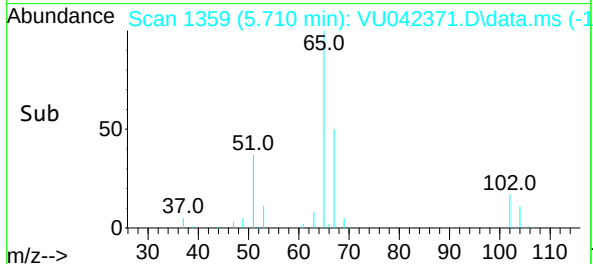
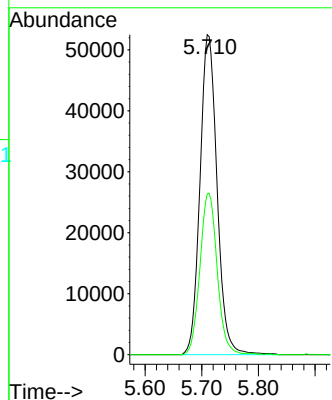
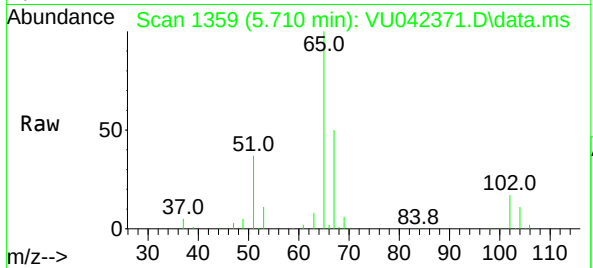




#33  
1,2-Dichloroethane-d4  
Concen: 54.20 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

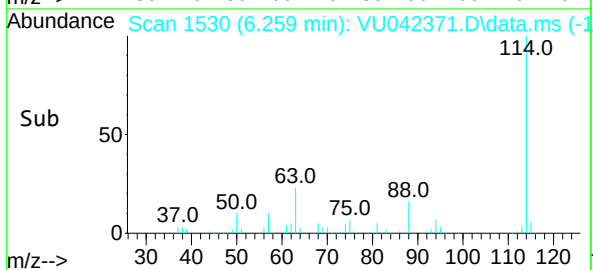
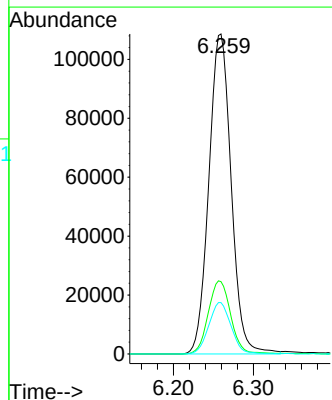
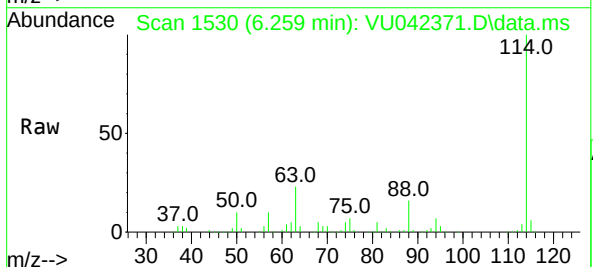
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

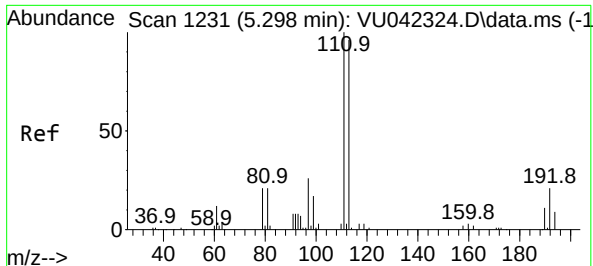
Tgt Ion: 65 Resp: 110053  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.259 min Scan# 1530  
Delta R.T. -0.001 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 114 Resp: 210690  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 44.2  
88 16.0 0.0 33.4

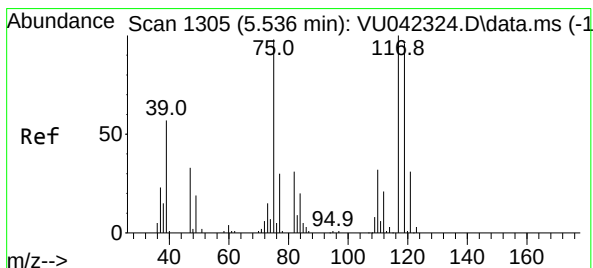
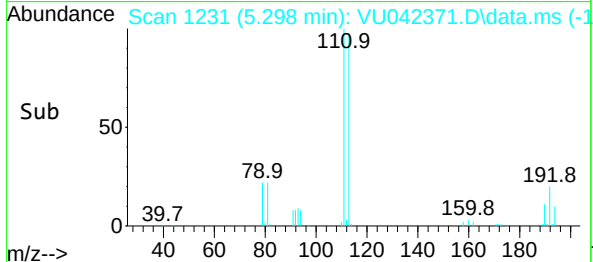
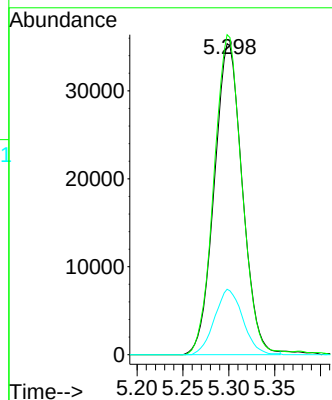
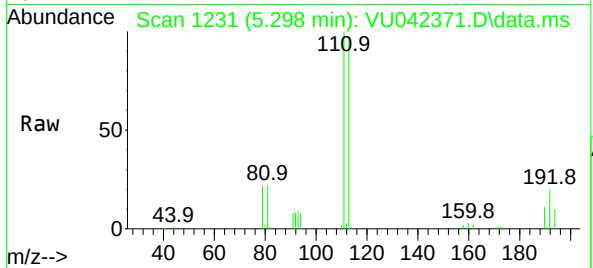




#35  
Dibromofluoromethane  
Concen: 50.60 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

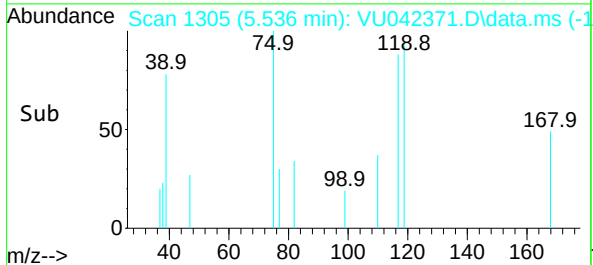
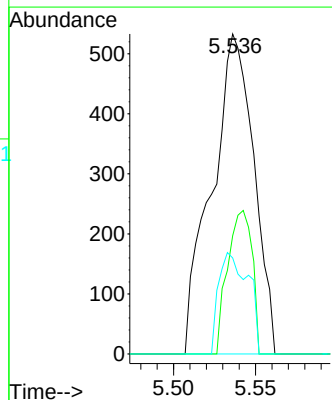
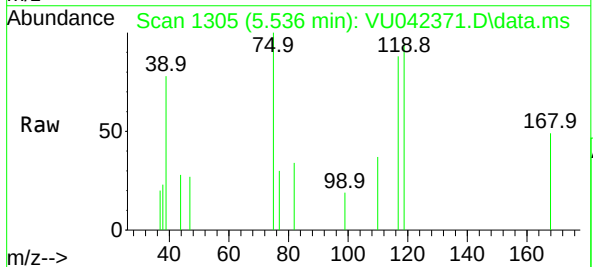
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

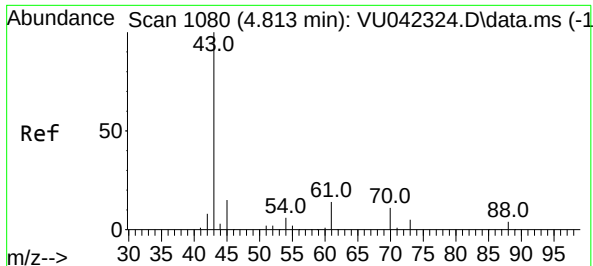
Tgt Ion:113 Resp: 75245  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.8 122.8  
192 21.2 17.2 25.8



#36  
1,1-Dichloropropene  
Concen: 0.46 ug/l  
RT: 5.536 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 75 Resp: 950  
Ion Ratio Lower Upper  
75 100  
110 26.0 16.8 50.3  
77 22.1 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 4.822 min Scan# 1083

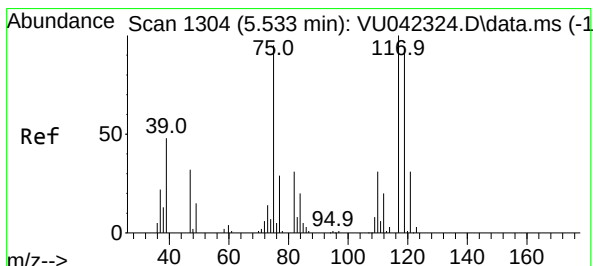
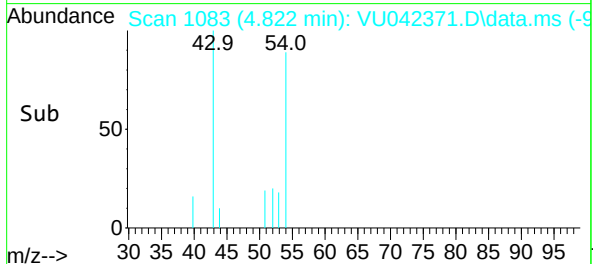
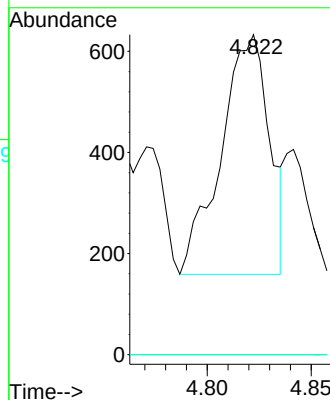
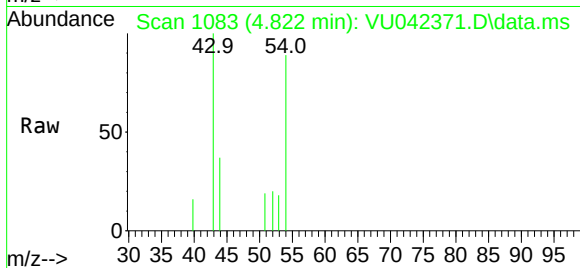
Delta R.T. 0.010 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 769      |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 0.0 10.1 15.1# |
| 70          | 0.0 7.2 10.8#  |

Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07



#38

Carbon Tetrachloride

Concen: 0.45 ug/l

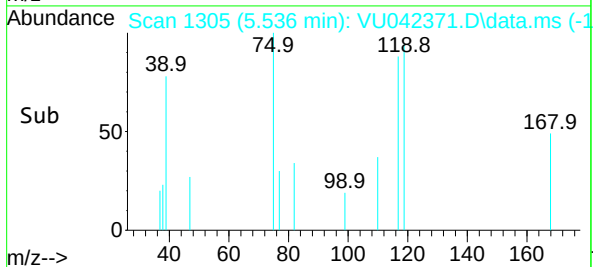
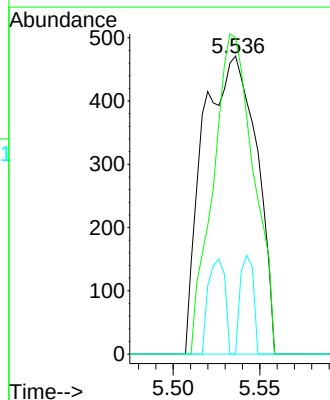
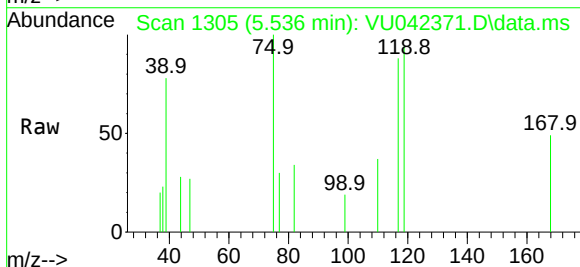
RT: 5.536 min Scan# 1305

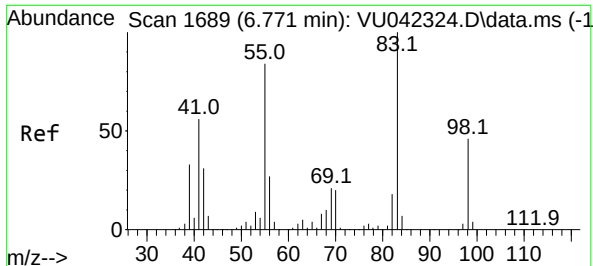
Delta R.T. 0.003 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|              |                  |
|--------------|------------------|
| Tgt Ion: 117 | Resp: 1012       |
| Ion Ratio    | Lower Upper      |
| 117          | 100              |
| 119          | 106.2 75.5 113.3 |
| 121          | 0.0 24.7 37.1#   |





#39

Methylcyclohexane

Concen: 0.42 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.003 min

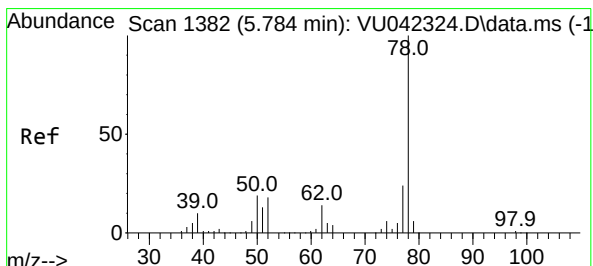
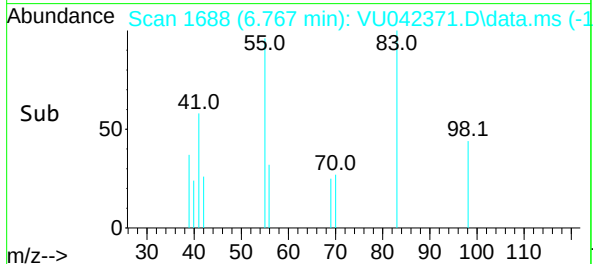
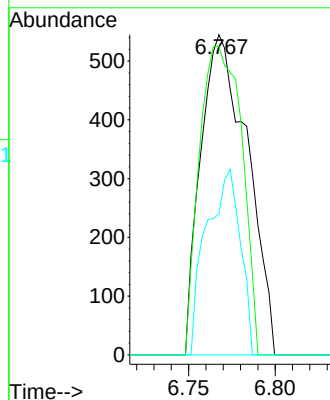
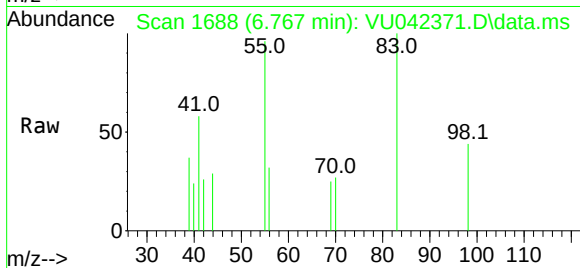
Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

Tgt Ion: 83 Resp: 1018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 96.3  | 66.8  | 100.2 |
| 98  | 44.0  | 36.9  | 55.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07



#40

Benzene

Concen: 0.49 ug/l

RT: 5.787 min Scan# 1383

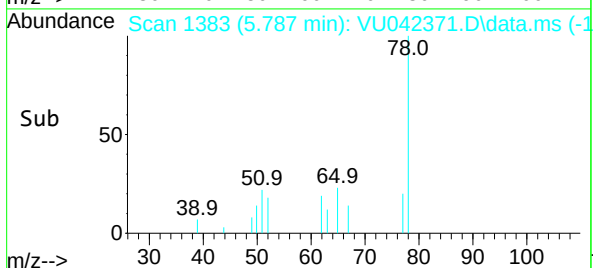
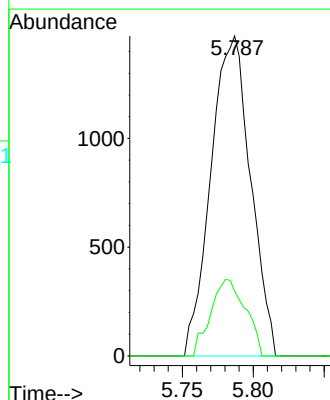
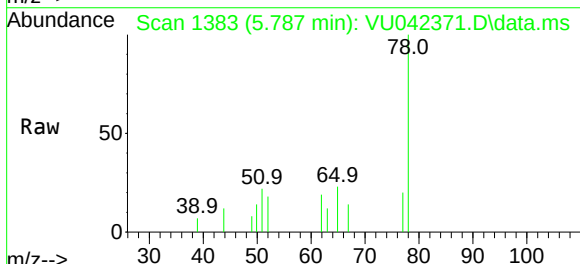
Delta R.T. 0.003 min

Lab File: VU042371.D

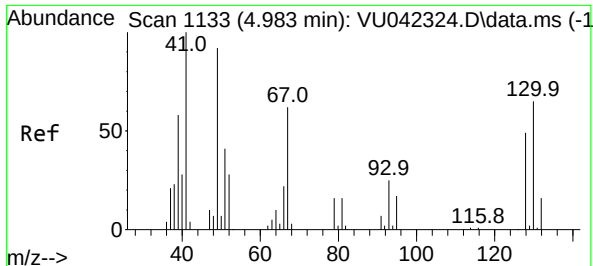
Acq: 19 Feb 2021 18:59

Tgt Ion: 78 Resp: 2862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 20.3  | 19.3  | 28.9  |



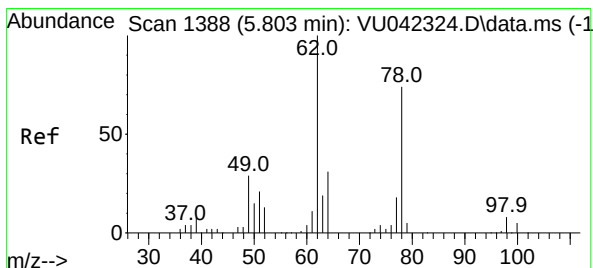
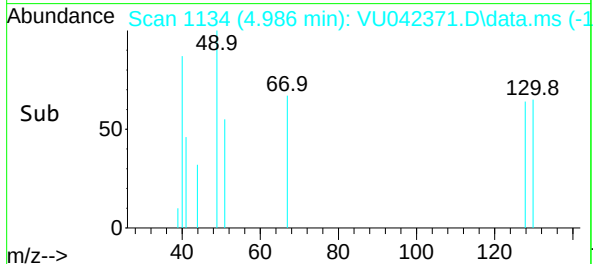
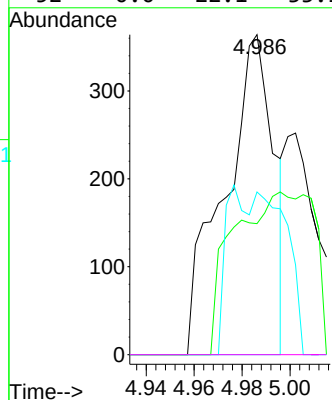
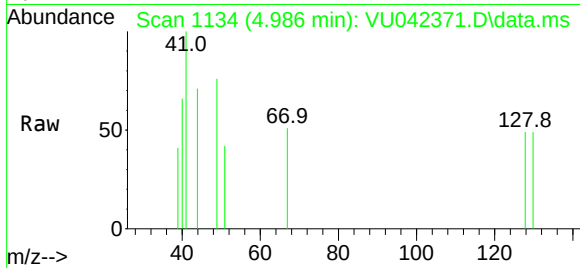




#41  
Methacrylonitrile  
Concen: 0.31 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

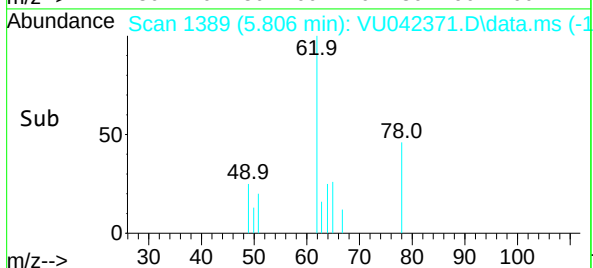
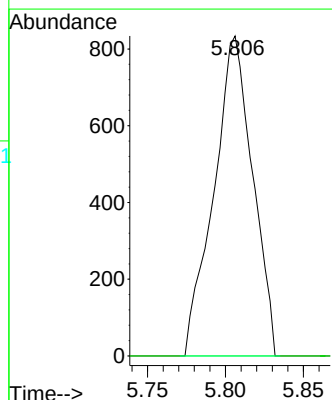
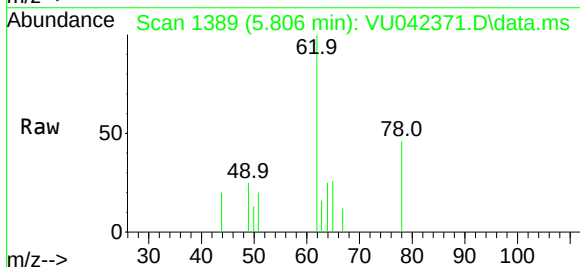
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

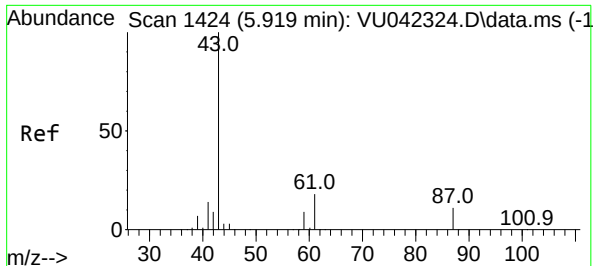
Tgt Ion: 41 Resp: 520  
Ion Ratio Lower Upper  
41 100  
39 82.9 45.1 67.7#  
67 25.4 50.2 75.2#  
52 0.0 22.1 33.1#



#42  
1,2-Dichloroethane  
Concen: 0.57 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 62 Resp: 1448  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 14.8

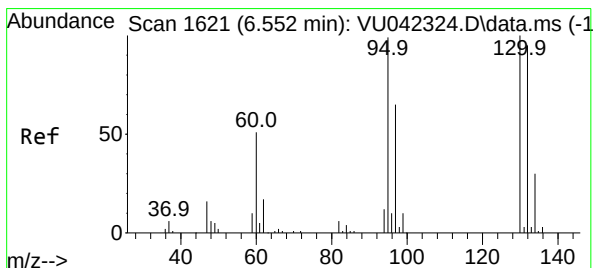
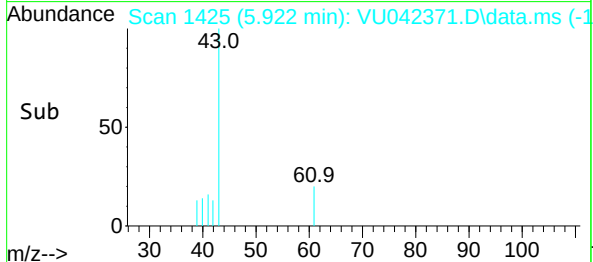
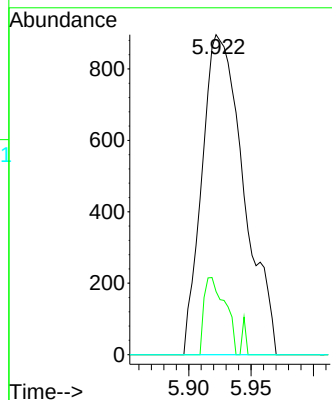
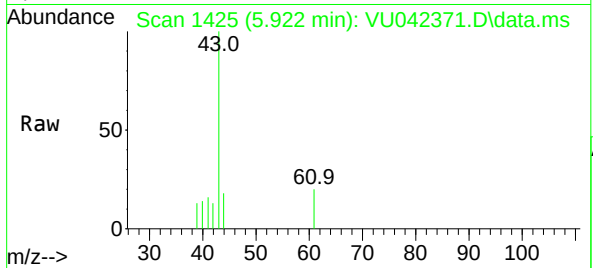




#43  
Isopropyl Acetate  
Concen: 0.44 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

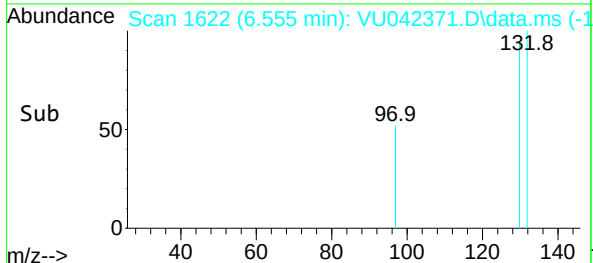
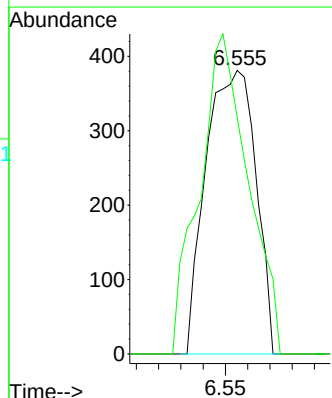
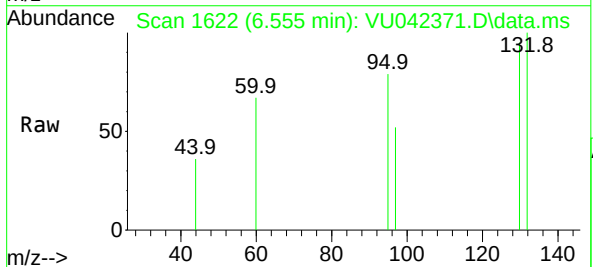
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

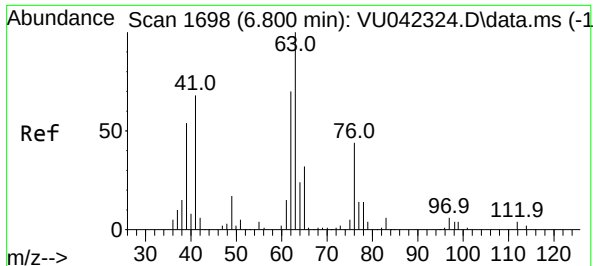
Tgt Ion: 43 Resp: 2085  
Ion Ratio Lower Upper  
43 100  
61 12.1 14.4 21.6#  
87 0.0 8.8 13.2#



#44  
Trichloroethene  
Concen: 0.38 ug/l  
RT: 6.555 min Scan# 1622  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 130 Resp: 593  
Ion Ratio Lower Upper  
130 100  
95 83.5 0.0 197.8



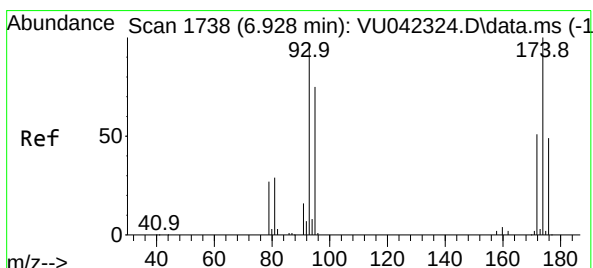
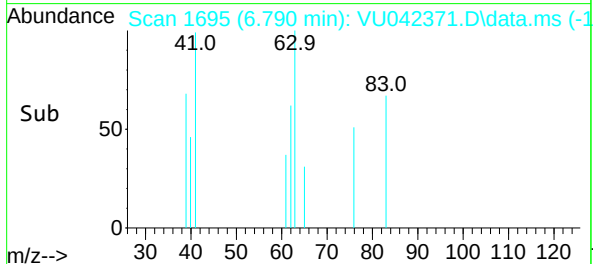
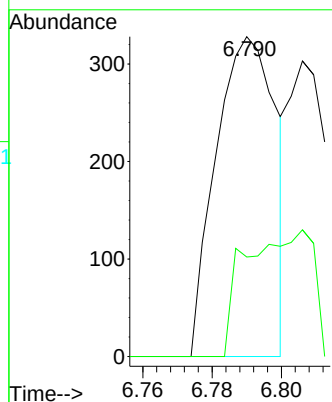
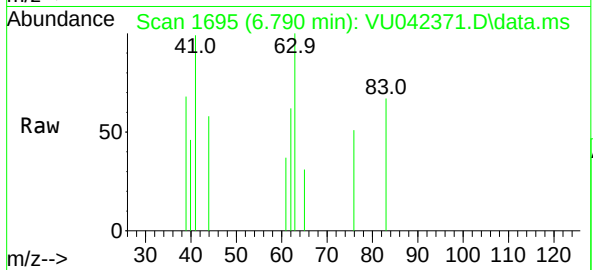


#45

1,2-Dichloropropane  
Concen: 0.24 ug/l  
RT: 6.790 min Scan# 1695  
Delta R.T. -0.010 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

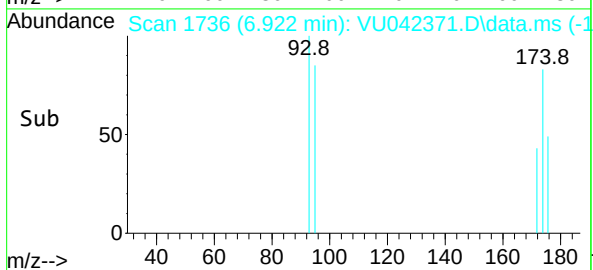
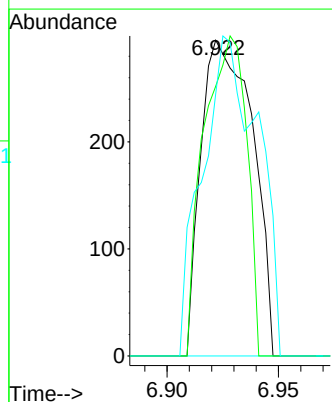
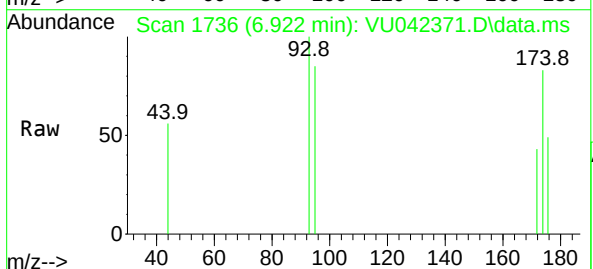
Tgt Ion: 63 Resp: 393  
Ion Ratio Lower Upper  
63 100  
65 31.1 25.4 38.2

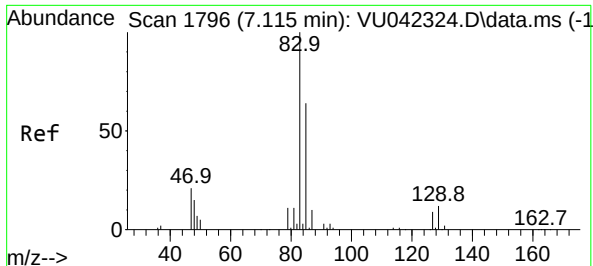


#46

Dibromomethane  
Concen: 0.42 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. -0.007 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 93 Resp: 474  
Ion Ratio Lower Upper  
93 100  
95 84.2 63.6 95.4  
174 109.1 83.4 125.2

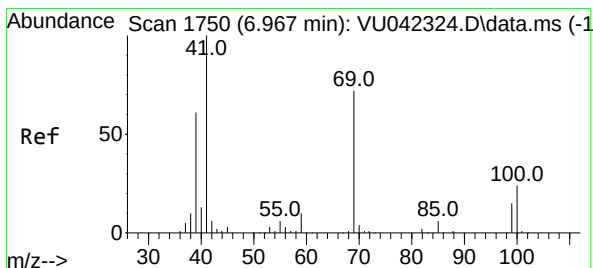
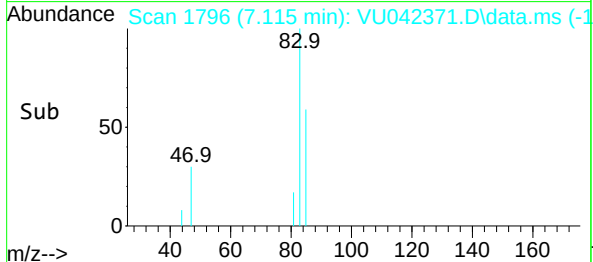
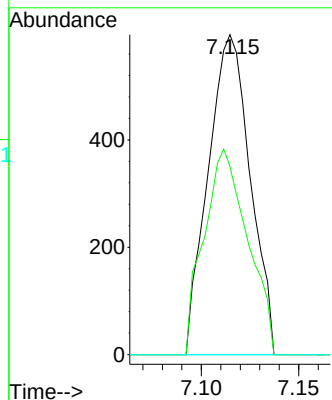
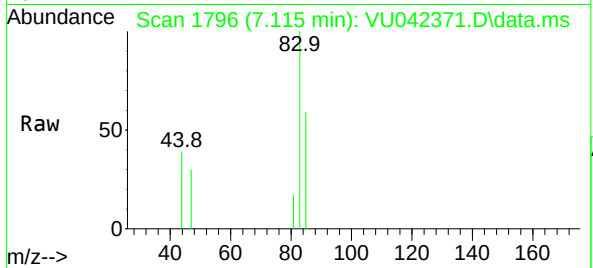




#47  
Bromodichloromethane  
Concen: 0.40 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

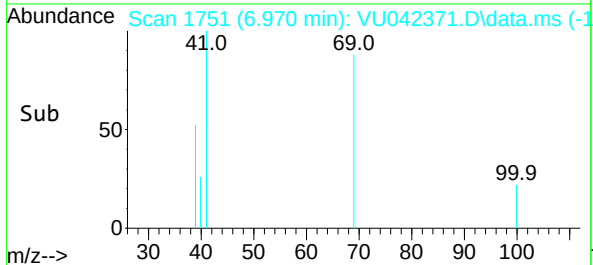
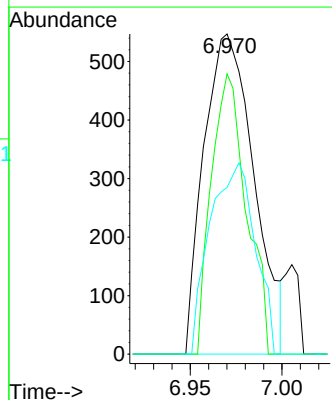
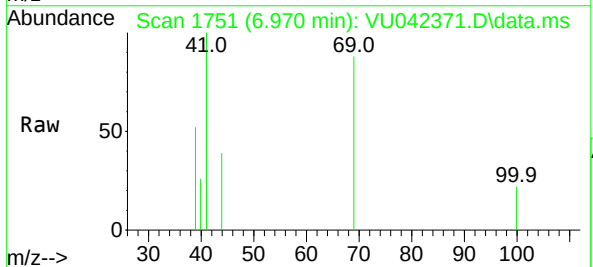
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

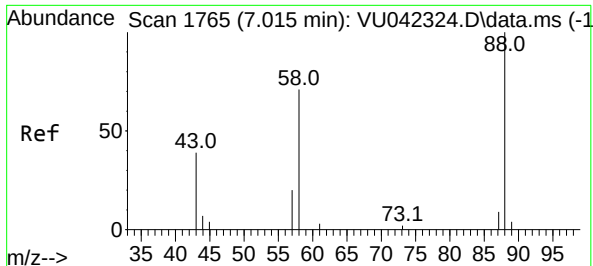
Tgt Ion: 83 Resp: 894  
Ion Ratio Lower Upper  
83 100  
85 58.7 51.3 76.9  
127 0.0 6.9 10.3#



#48  
Methyl methacrylate  
Concen: 0.44 ug/l  
RT: 6.970 min Scan# 1751  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 41 Resp: 1039  
Ion Ratio Lower Upper  
41 100  
69 61.2 57.0 85.6  
39 53.9 48.4 72.6





#49

1,4-Dioxane

Concen: 2.50 ug/l

RT: 7.015 min Scan# 1765

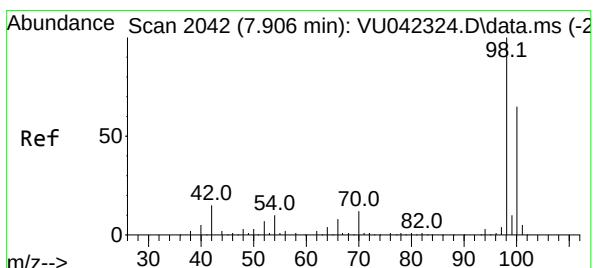
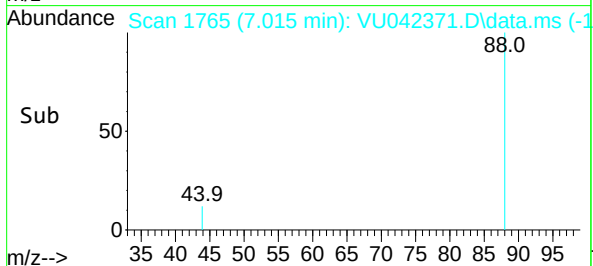
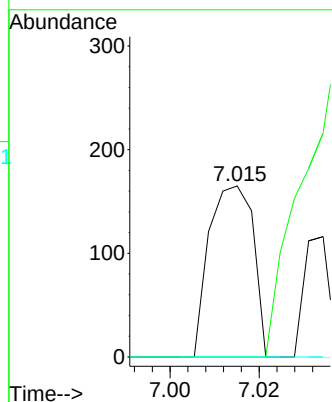
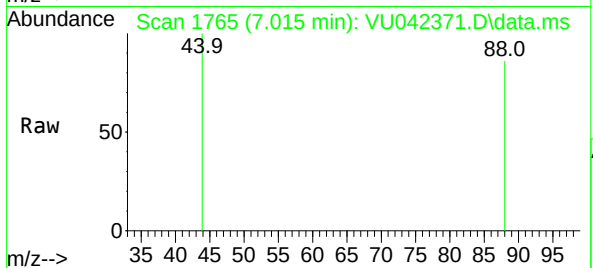
Delta R.T. -0.000 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 113   |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 0.0      | 0.0 0.0     |
| 58 0.0      | 60.4 90.6#  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07



#50

Toluene-d8

Concen: 50.04 ug/l

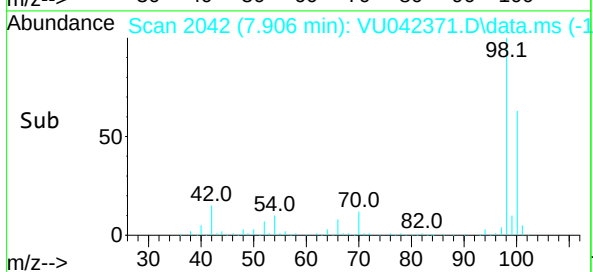
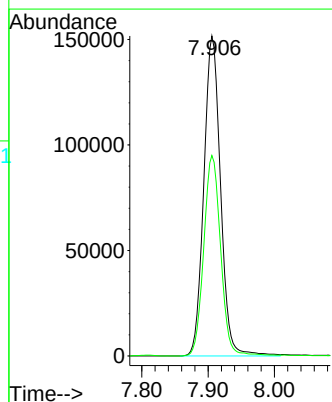
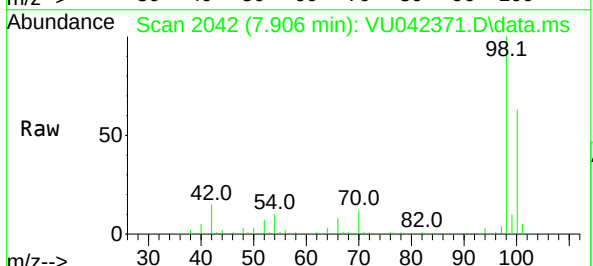
RT: 7.906 min Scan# 2042

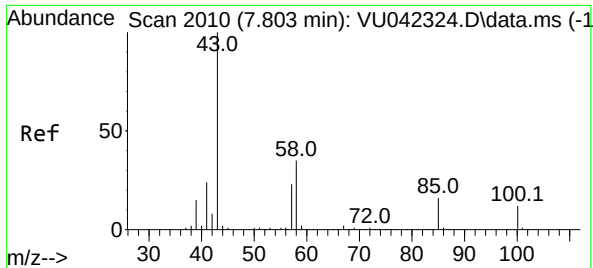
Delta R.T. -0.000 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 266493 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 63.1    | 50.2 75.2    |

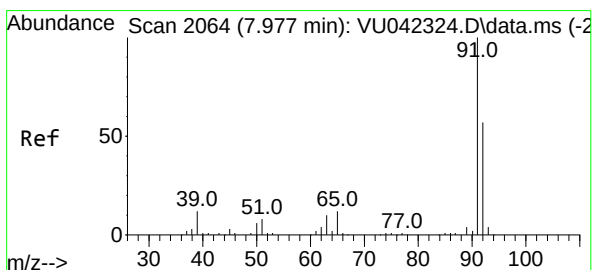
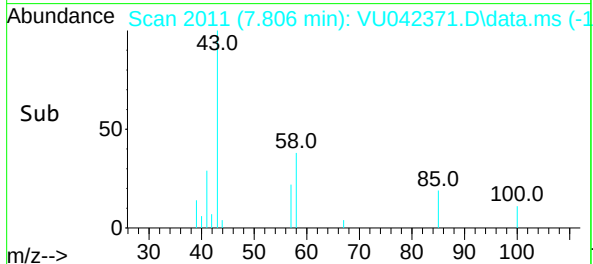
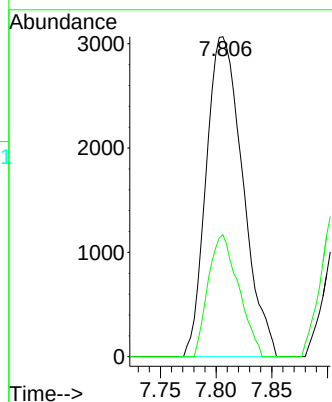
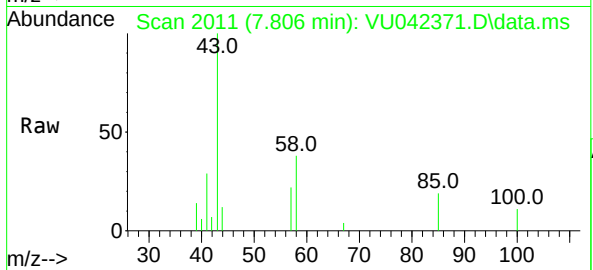




#51  
4-Methyl-2-Pentanone  
Concen: 2.17 ug/l  
RT: 7.806 min Scan# 2011  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

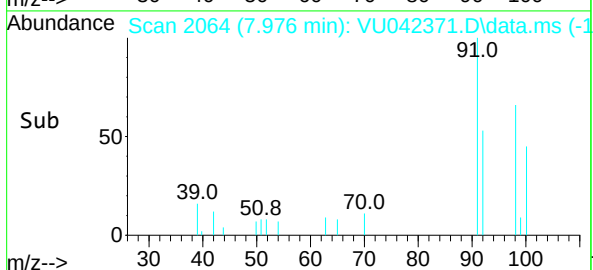
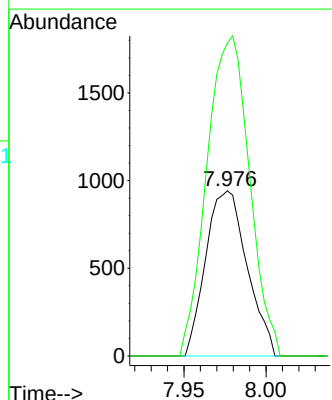
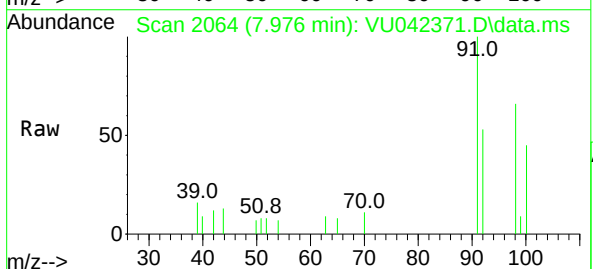
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

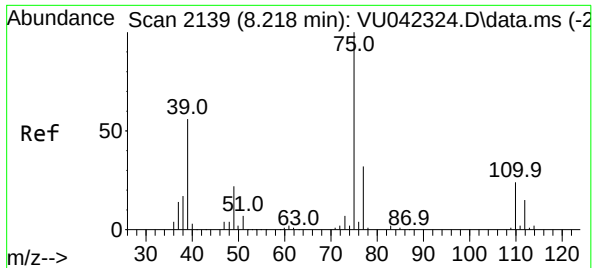
Tgt Ion: 43 Resp: 6989  
Ion Ratio Lower Upper  
43 100  
58 31.8 28.1 42.1



#52  
Toluene  
Concen: 0.46 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 92 Resp: 1650  
Ion Ratio Lower Upper  
92 100  
91 199.5 140.3 210.5

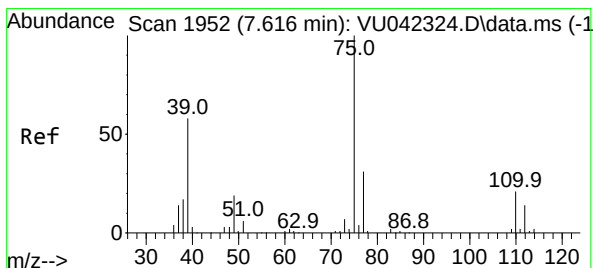
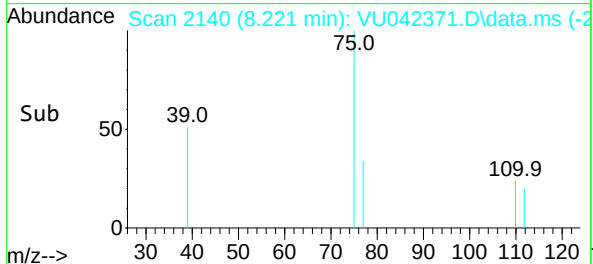
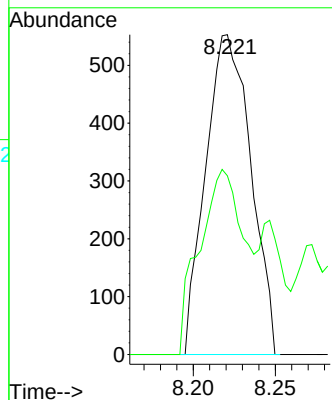
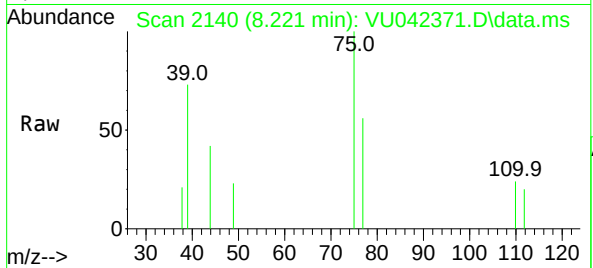




#53  
 t-1,3-Dichloropropene  
 Concen: 0.43 ug/l  
 RT: 8.221 min Scan# 2140  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

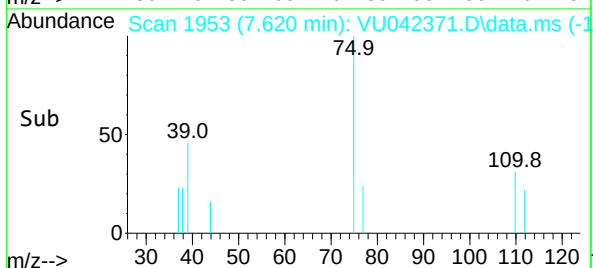
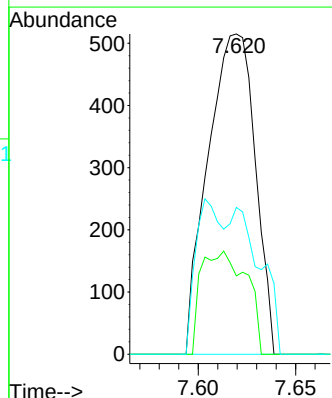
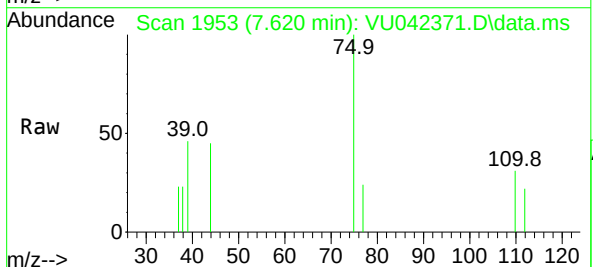
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 MDL07

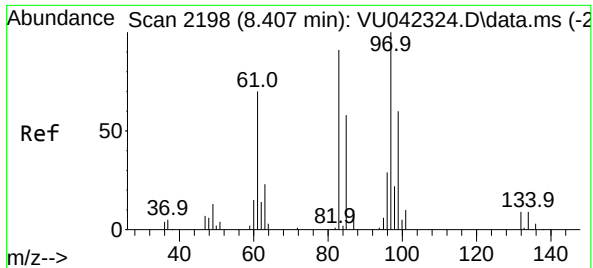
Tgt Ion: 75 Resp: 1058  
 Ion Ratio Lower Upper  
 75 100  
 77 55.9 25.6 38.4#



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.33 ug/l  
 RT: 7.620 min Scan# 1953  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

Tgt Ion: 75 Resp: 867  
 Ion Ratio Lower Upper  
 75 100  
 77 24.5 24.6 37.0#  
 39 45.8 46.1 69.1#

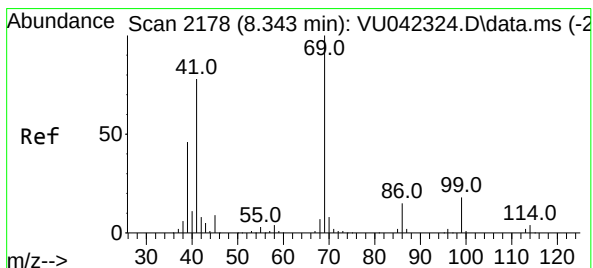
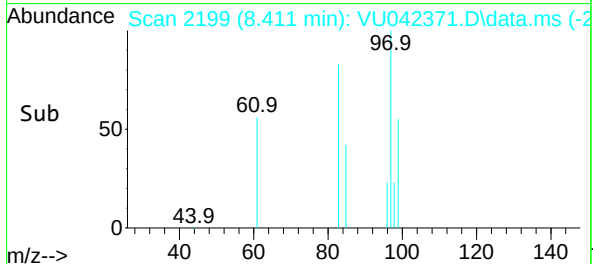
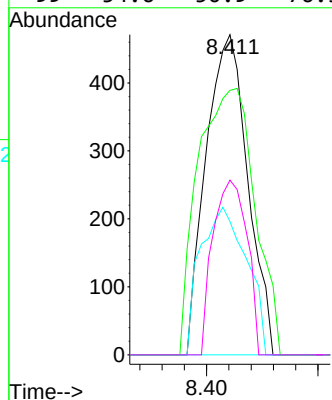
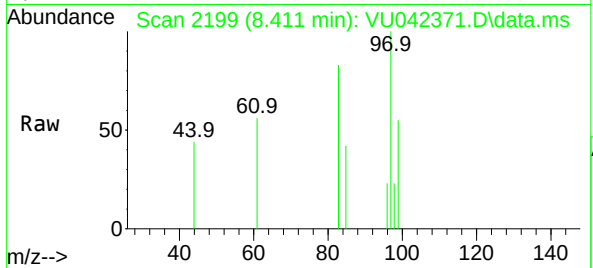




#55  
1,1,2-Trichloroethane  
Concen: 0.41 ug/l  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

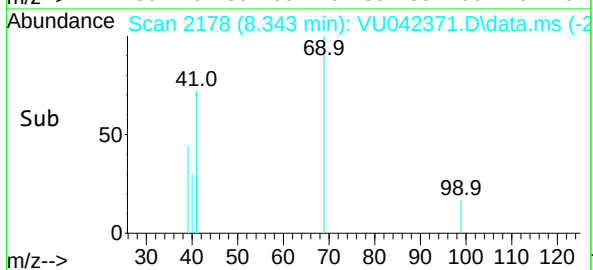
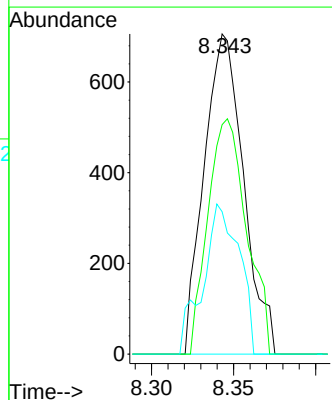
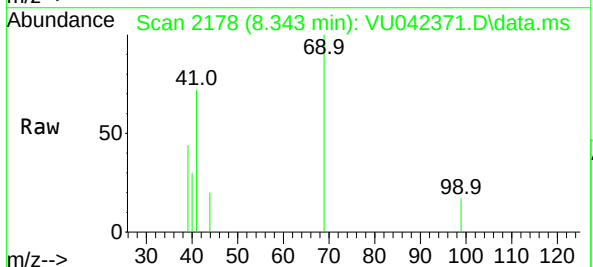
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 614   |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 72.6  | 109.0 |
| 85       | 41.6  | 46.6  | 69.8# |
| 99       | 54.6  | 50.9  | 76.3  |

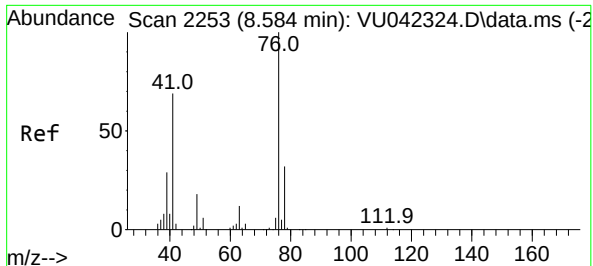


#56  
Ethyl methacrylate  
Concen: 0.46 ug/l  
RT: 8.343 min Scan# 2178  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 1177  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.5  | 62.8  | 94.2  |
| 39       | 43.2  | 36.2  | 54.2  |







#57

1,3-Dichloropropane

Concen: 0.45 ug/l

RT: 8.581 min Scan# 2252

Delta R.T. -0.003 min

Lab File: VU042371.D

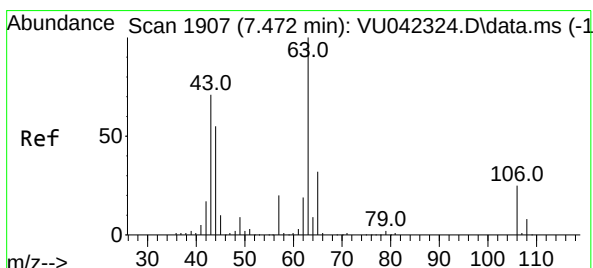
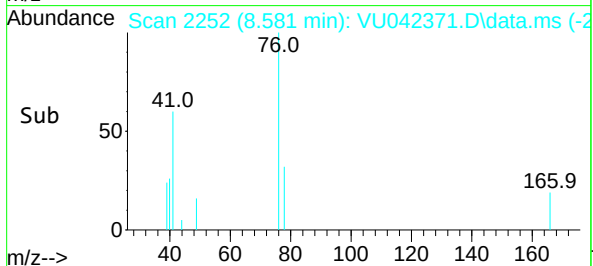
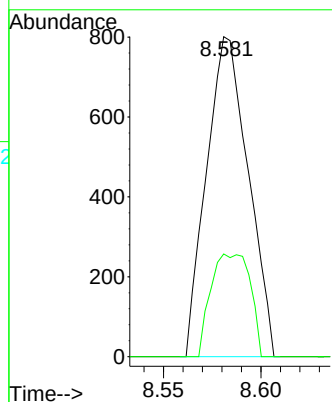
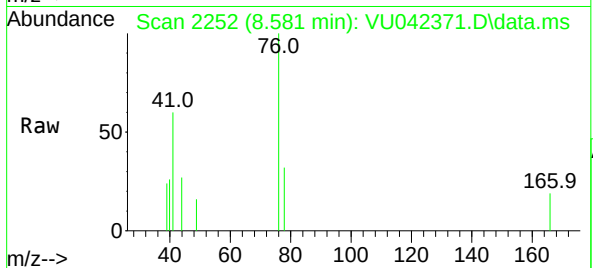
Acq: 19 Feb 2021 18:59

Tgt Ion: 76 Resp: 1189

Ion Ratio Lower Upper

76 100

78 30.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 1.60 ug/l

RT: 7.472 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VU042371.D

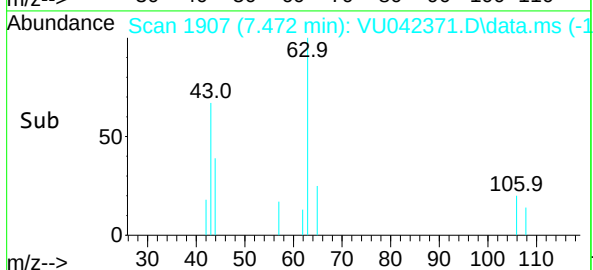
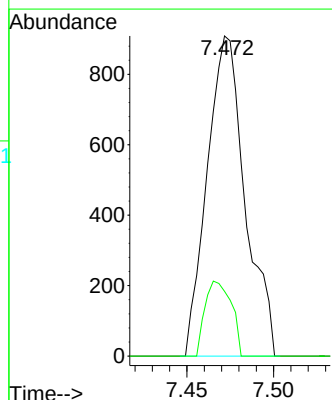
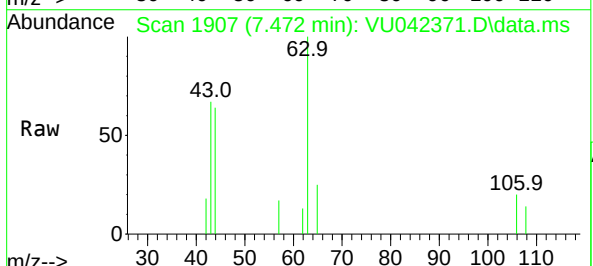
Acq: 19 Feb 2021 18:59

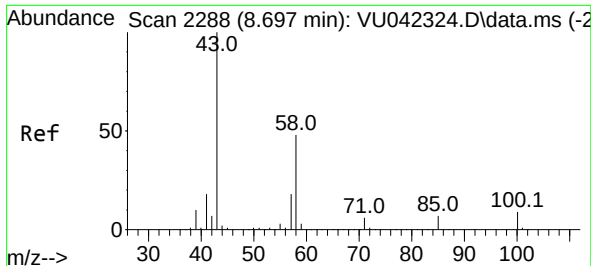
Tgt Ion: 63 Resp: 1385

Ion Ratio Lower Upper

63 100

106 16.2 20.3 30.5#





#59

2-Hexanone

Concen: 2.02 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. 0.006 min

Lab File: VU042371.D

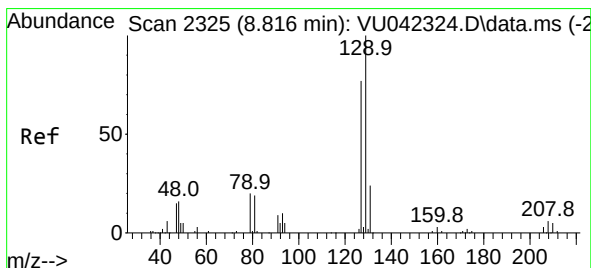
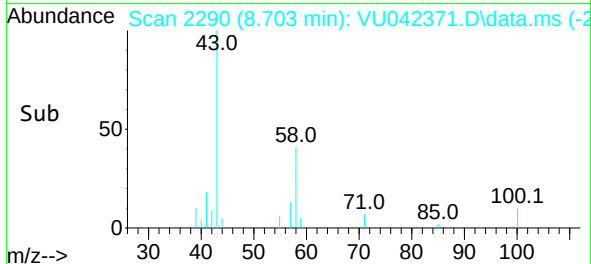
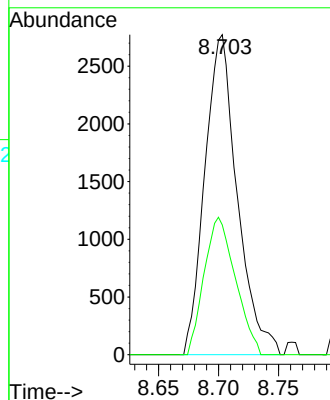
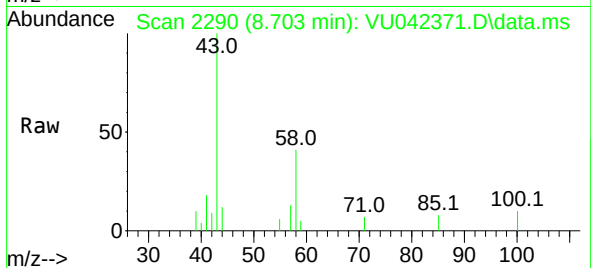
Acq: 19 Feb 2021 18:59

Tgt Ion: 43 Resp: 5210

Ion Ratio Lower Upper

43 100

58 41.5 24.0 72.0



#60

Dibromochloromethane

Concen: 0.39 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU042371.D

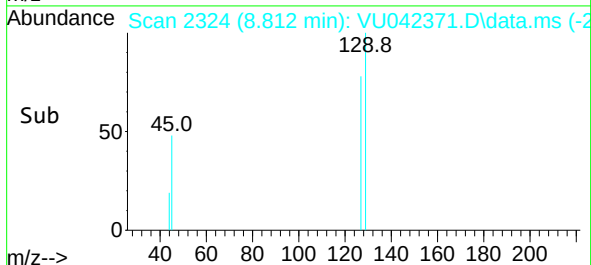
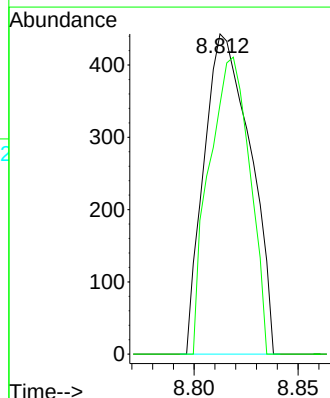
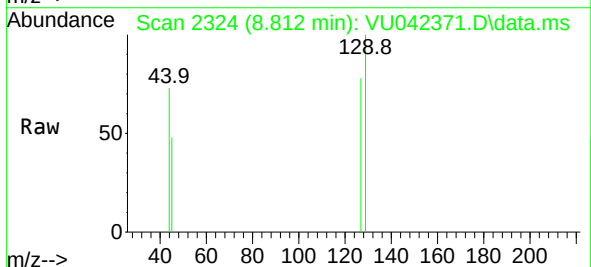
Acq: 19 Feb 2021 18:59

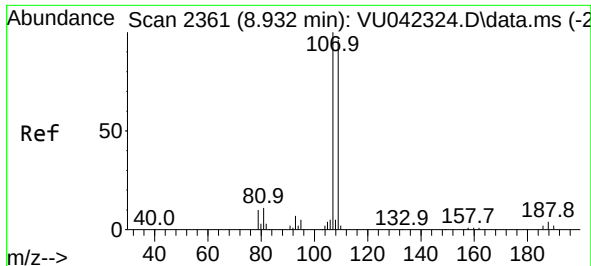
Tgt Ion: 129 Resp: 687

Ion Ratio Lower Upper

129 100

127 80.8 38.5 115.3

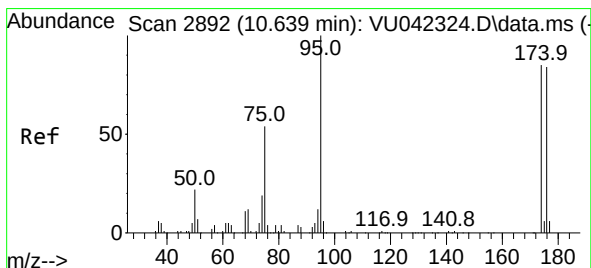
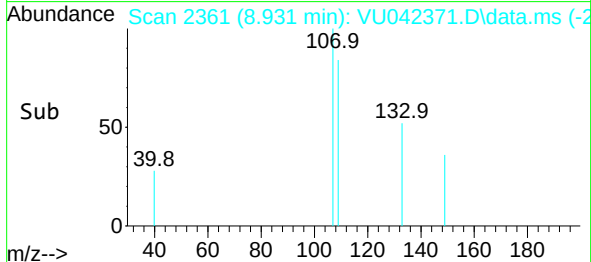
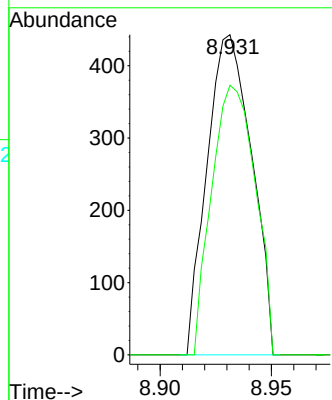
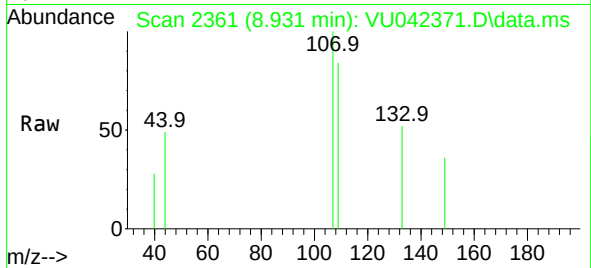




#61  
1,2-Dibromoethane  
Concen: 0.36 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

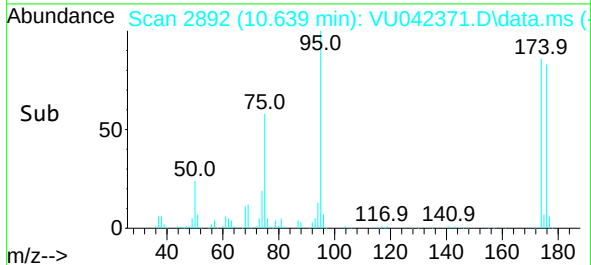
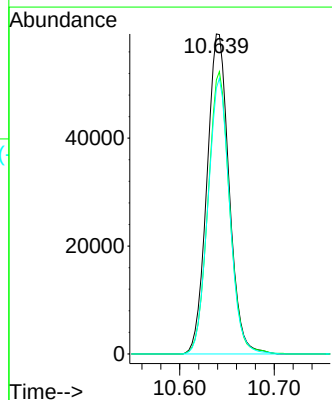
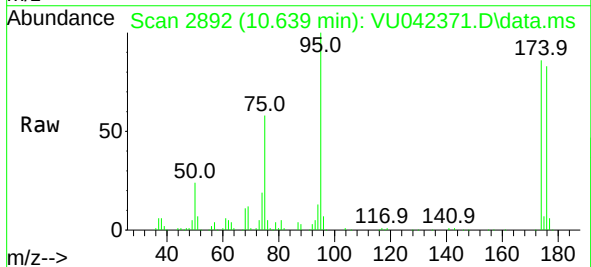
Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07

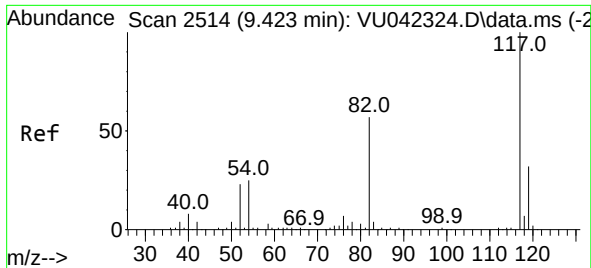
Tgt Ion:107 Resp: 619  
Ion Ratio Lower Upper  
107 100  
109 82.1 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 45.98 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 95 Resp: 96514  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 172.2  
176 84.0 0.0 168.8

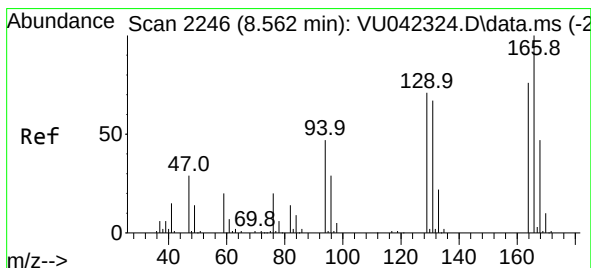
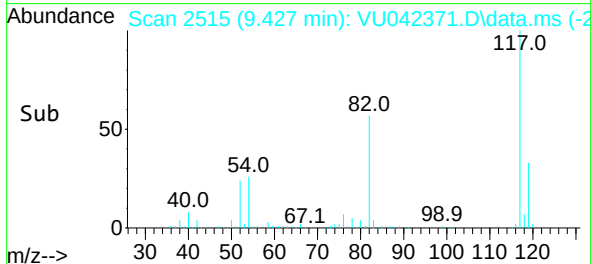
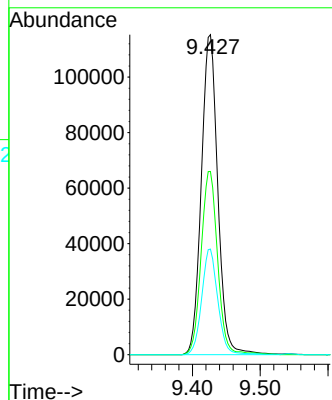
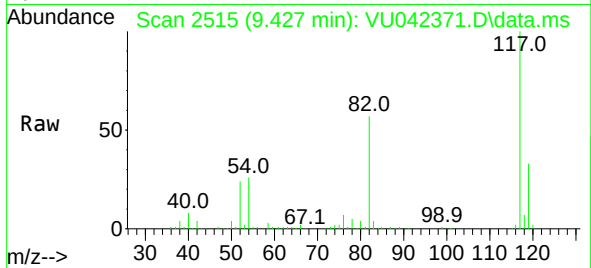




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

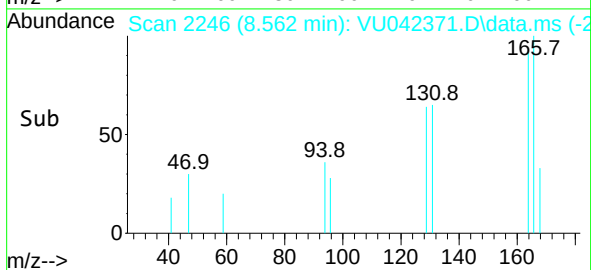
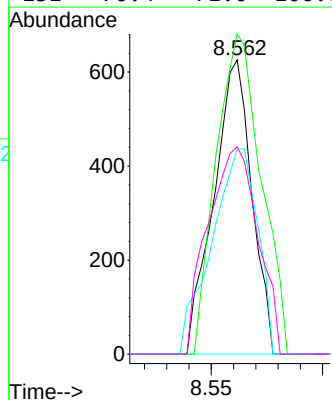
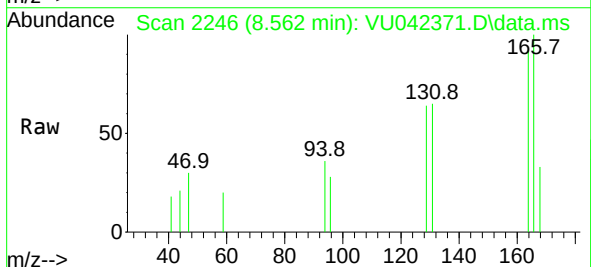
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

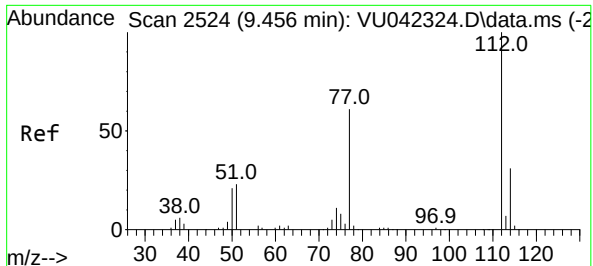
Tgt Ion:117 Resp: 194439  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.8 68.6  
119 33.0 25.8 38.8



#64  
Tetrachloroethene  
Concen: 0.51 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:164 Resp: 742  
Ion Ratio Lower Upper  
164 100  
166 108.8 105.3 157.9  
129 69.6 75.0 112.6#  
131 70.4 71.0 106.6#

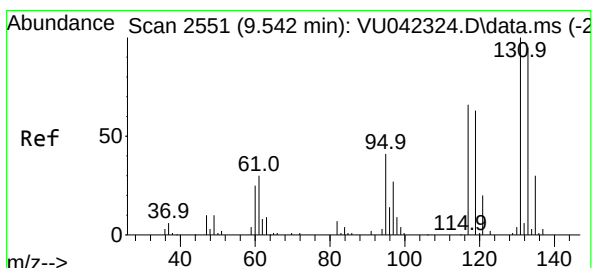
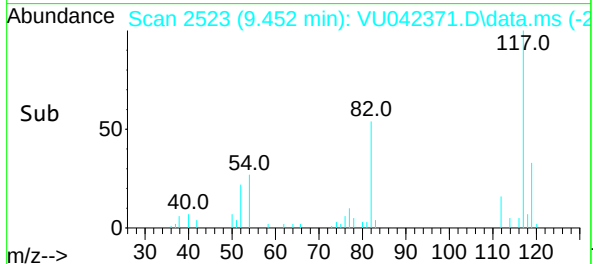
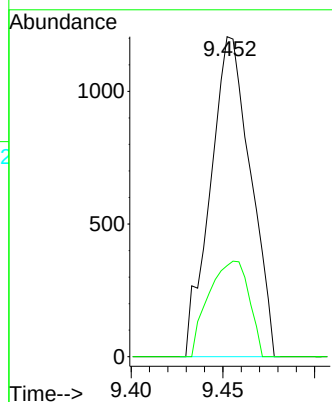
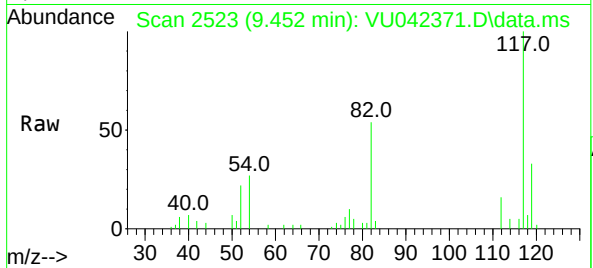




#65  
Chlorobenzene  
Concen: 0.47 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

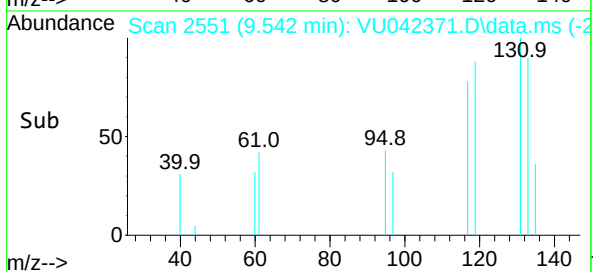
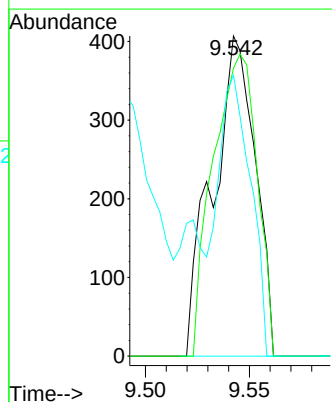
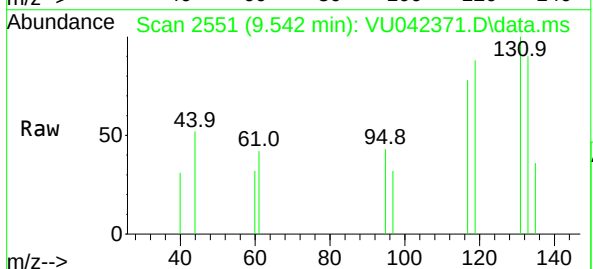
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

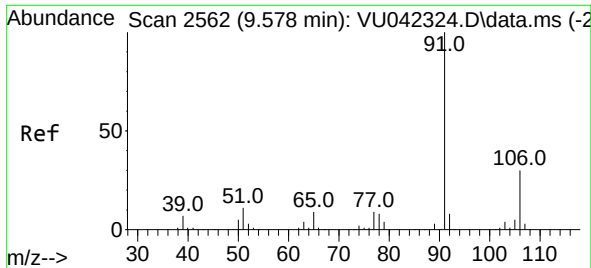
Tgt Ion:112 Resp: 1833  
Ion Ratio Lower Upper  
112 100  
114 28.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.39 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:131 Resp: 580  
Ion Ratio Lower Upper  
131 100  
133 97.8 47.6 142.9  
119 0.0 31.9 95.5#

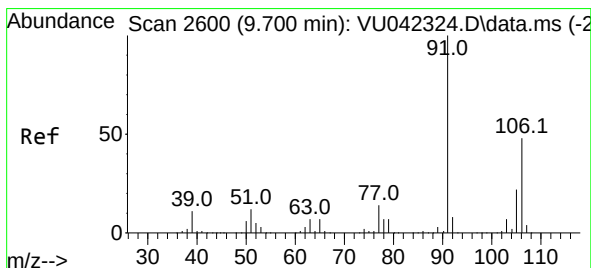
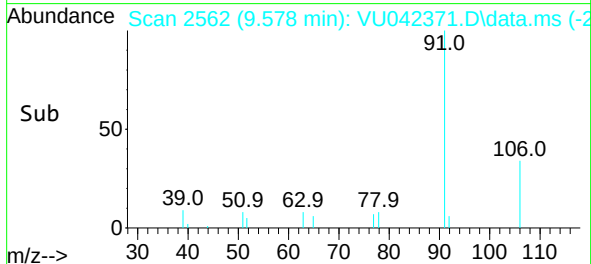
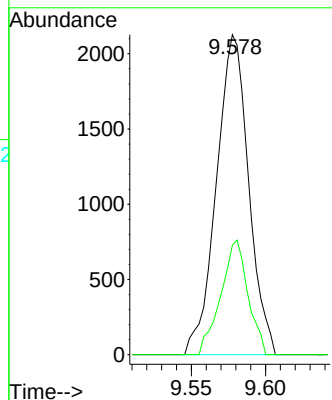
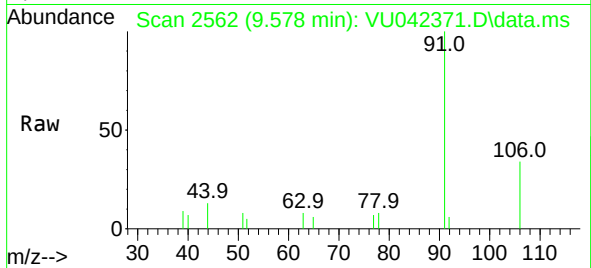




#67  
Ethyl Benzene  
Concen: 0.46 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

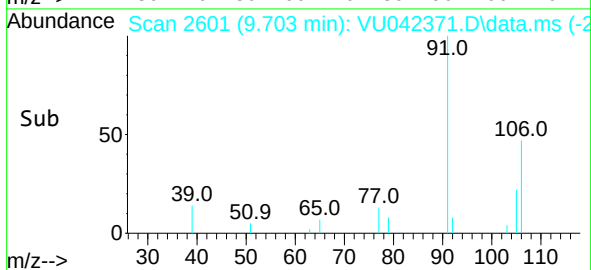
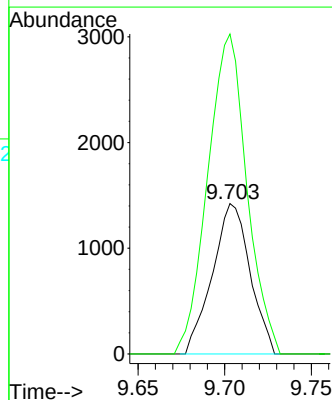
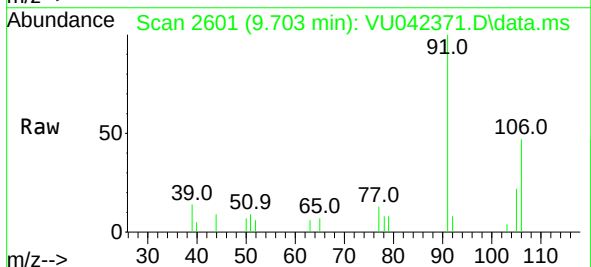
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

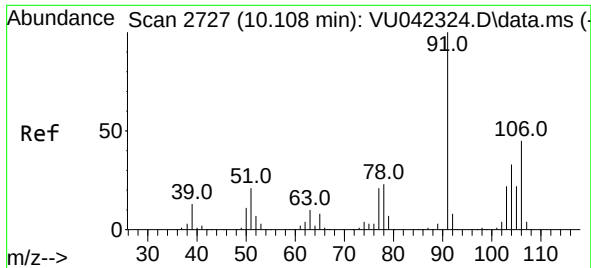
Tgt Ion: 91 Resp: 3206  
Ion Ratio Lower Upper  
91 100  
106 34.2 24.1 36.1



#68  
m/p-Xylenes  
Concen: 0.83 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 106 Resp: 2147  
Ion Ratio Lower Upper  
106 100  
91 221.0 169.9 254.9

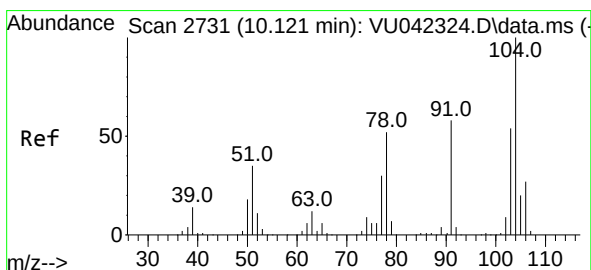
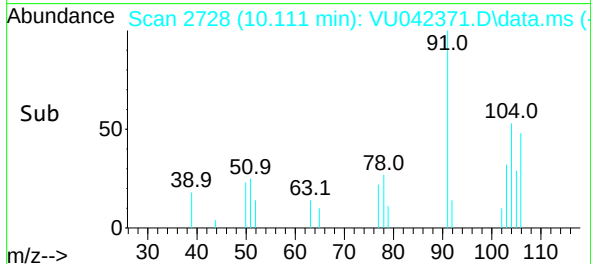
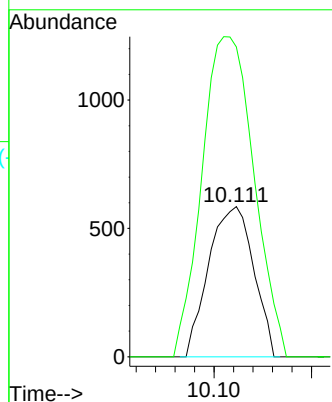
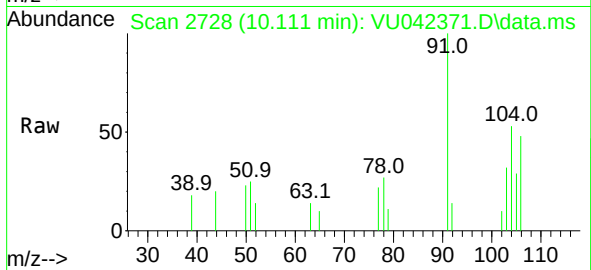




#69  
o-Xylene  
Concen: 0.37 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

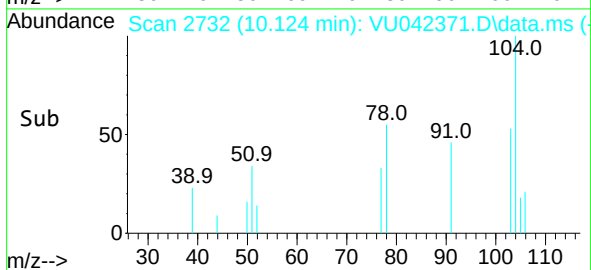
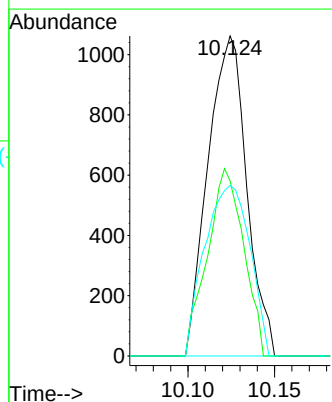
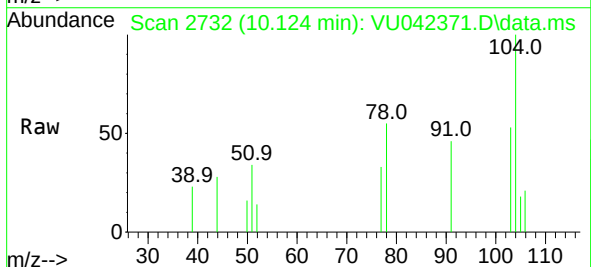
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

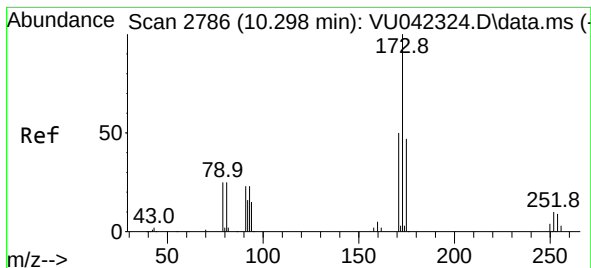
Tgt Ion:106 Resp: 936  
Ion Ratio Lower Upper  
106 100  
91 246.0 111.2 333.6



#70  
Styrene  
Concen: 0.39 ug/l  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:104 Resp: 1652  
Ion Ratio Lower Upper  
104 100  
78 54.7 44.8 67.2  
103 62.3 45.7 68.5





#71

Bromoform

Concen: 0.32 ug/l

RT: 10.298 min Scan# 2786

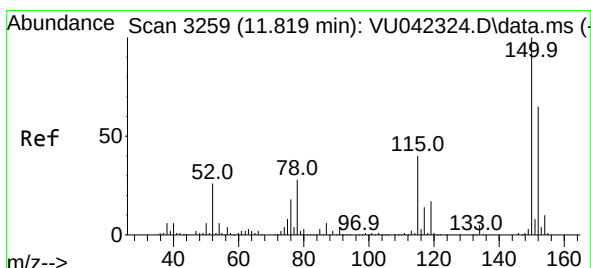
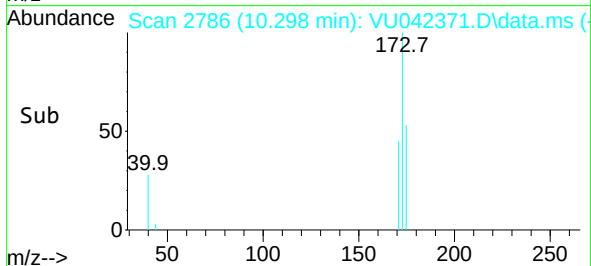
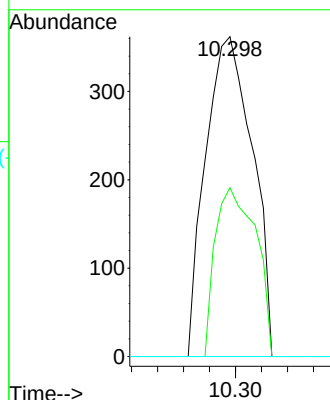
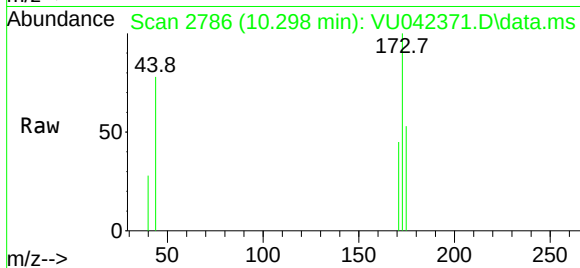
Delta R.T. -0.000 min

Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 453  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 45.7  | 23.8  | 71.2 |
| 254       | 0.0   | 0.0   | 0.0  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

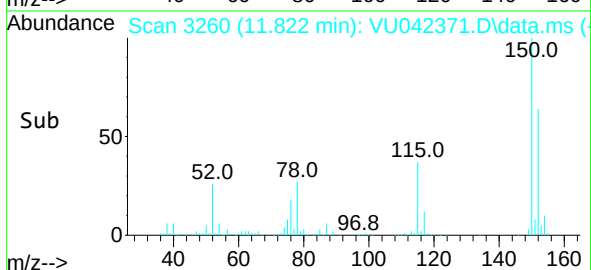
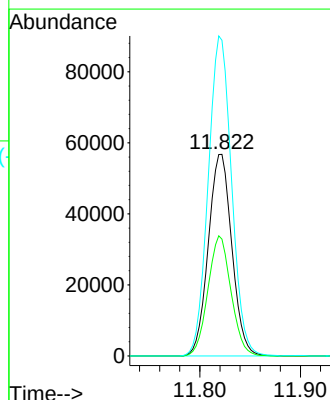
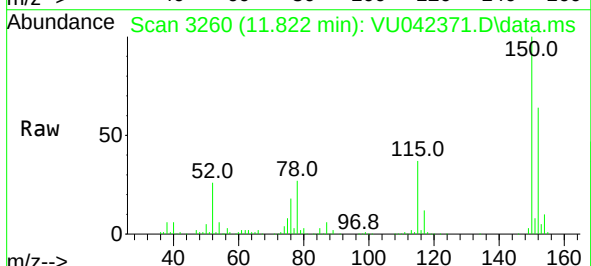
RT: 11.822 min Scan# 3260

Delta R.T. 0.003 min

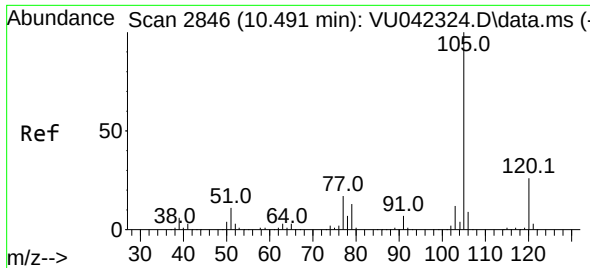
Lab File: VU042371.D

Acq: 19 Feb 2021 18:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 92459 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.2  | 41.5  | 124.6 |
| 150       | 157.2 | 0.0   | 342.4 |



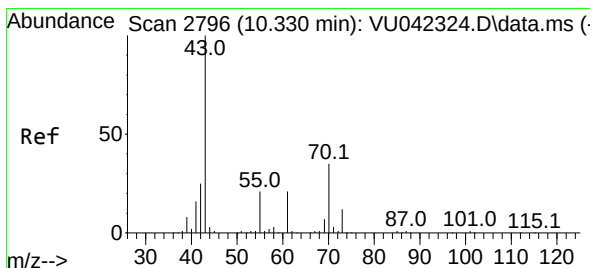
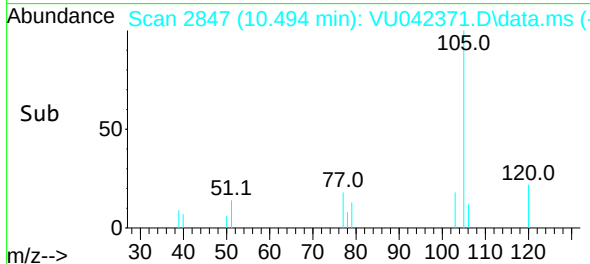
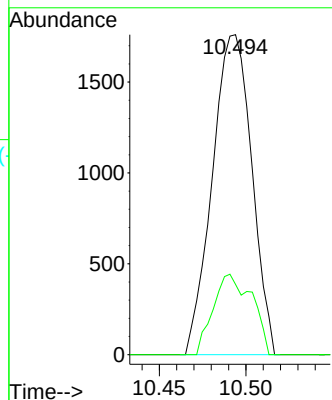
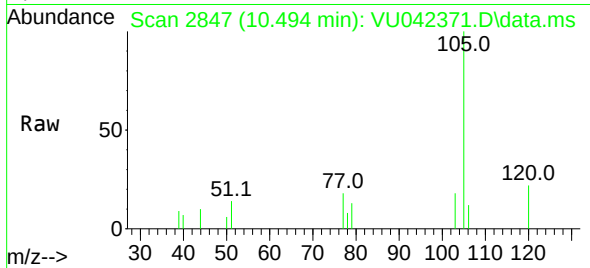




#73  
Isopropylbenzene  
Concen: 0.45 ug/l  
RT: 10.494 min Scan# 2847  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

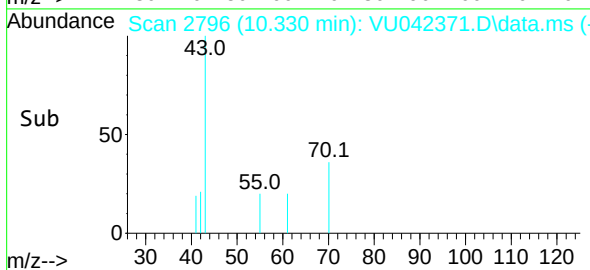
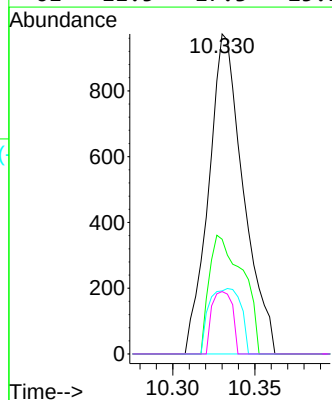
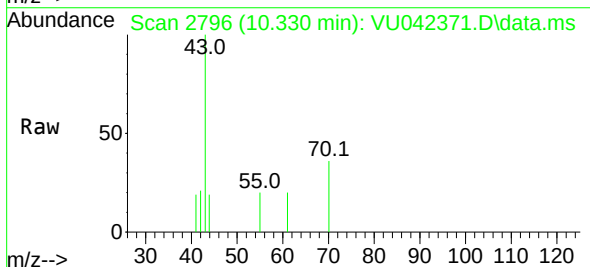
Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07

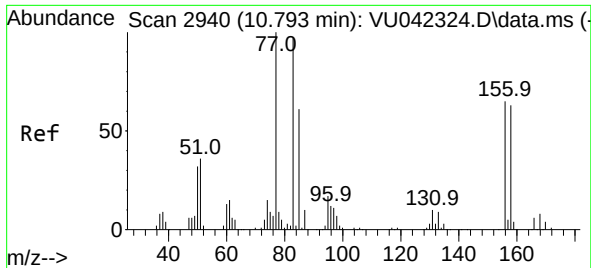
Tgt Ion:105 Resp: 2792  
Ion Ratio Lower Upper  
105 100  
120 24.7 13.1 39.3



#74  
N-ethyl acetate  
Concen: 0.41 ug/l  
RT: 10.330 min Scan# 2796  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 43 Resp: 1428  
Ion Ratio Lower Upper  
43 100  
70 35.7 28.3 42.5  
55 18.6 17.2 25.8  
61 11.5 17.3 25.9#

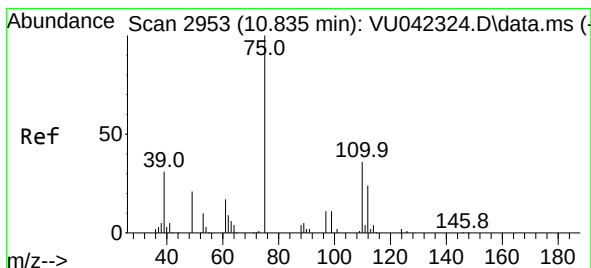
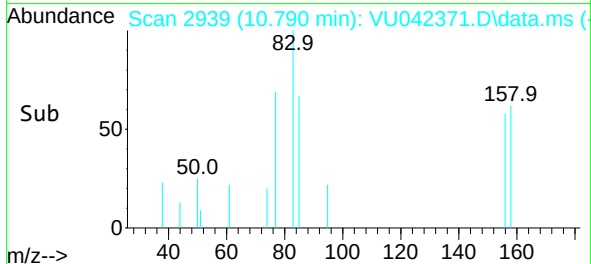
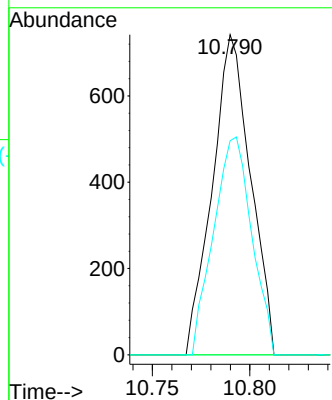
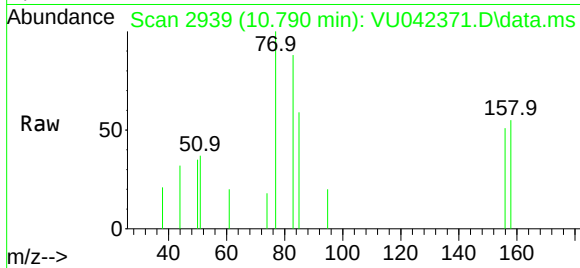




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.43 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

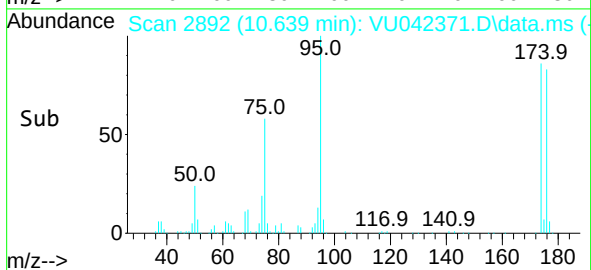
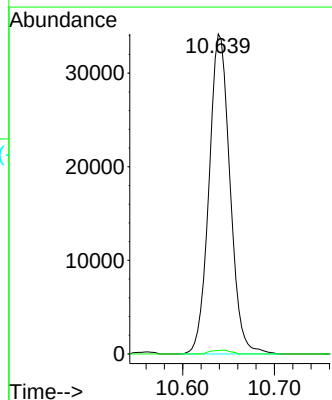
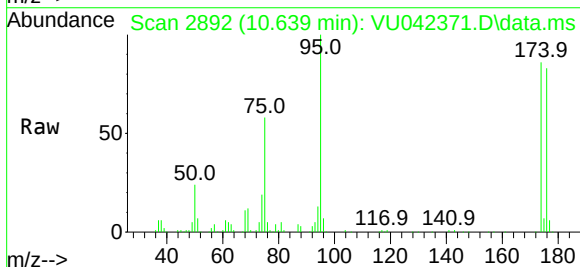
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

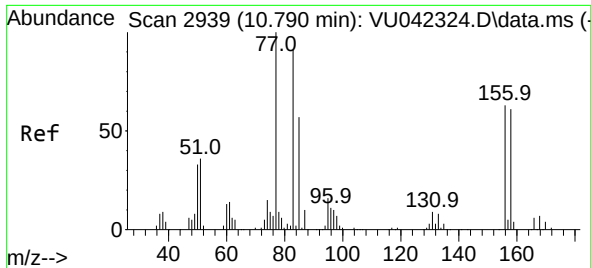
Tgt Ion: 83 Resp: 1010  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.2#  
85 68.1 31.7 95.1



#76  
1,2,3-Trichloropropane  
Concen: 23.79 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.196 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 75 Resp: 54395  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.2 60.5#

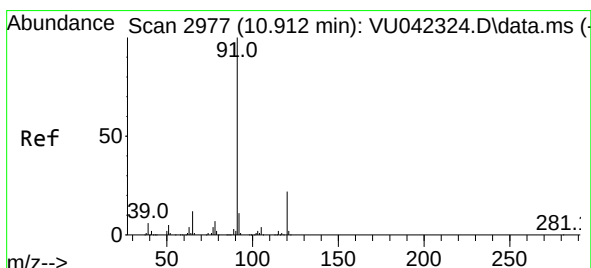
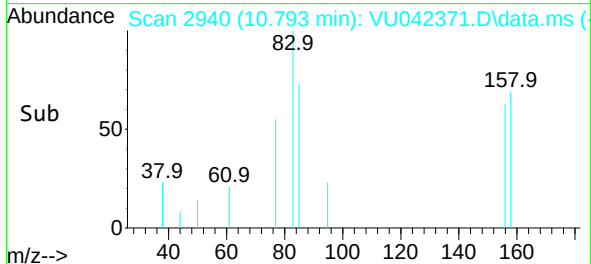
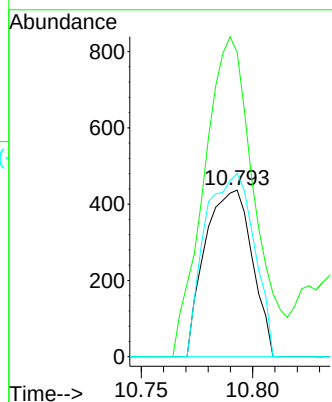
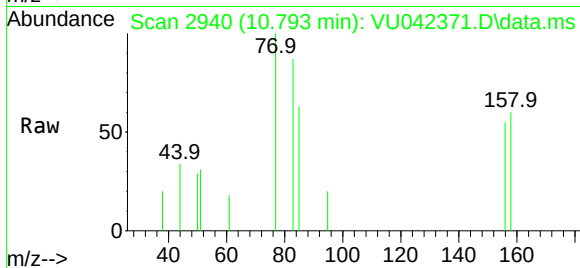




#77  
Bromobenzene  
Concen: 0.39 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

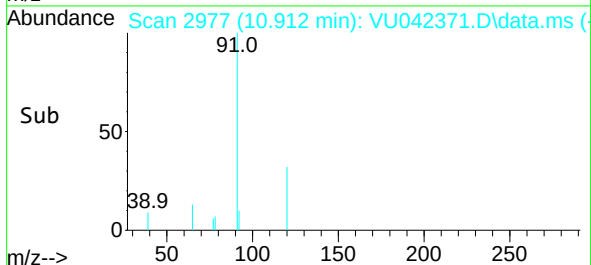
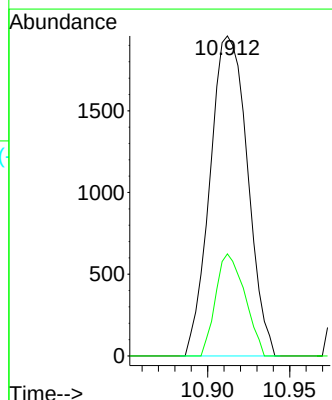
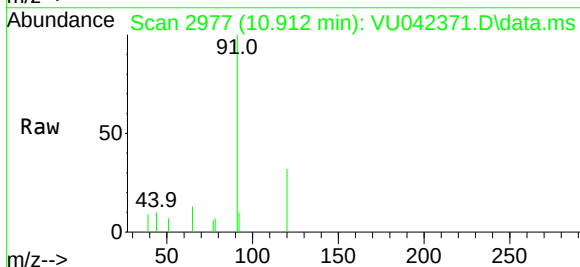
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

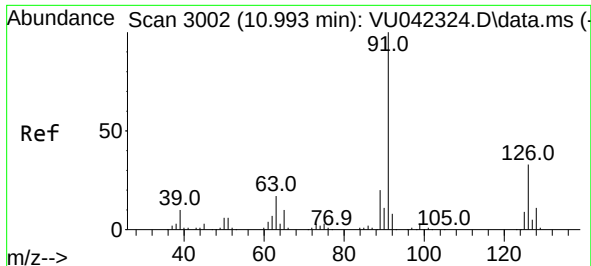
Tgt Ion:156 Resp: 641  
Ion Ratio Lower Upper  
156 100  
77 204.2 79.3 238.1  
158 114.5 48.3 144.9



#78  
n-propylbenzene  
Concen: 0.44 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 91 Resp: 3109  
Ion Ratio Lower Upper  
91 100  
120 24.7 11.2 33.6

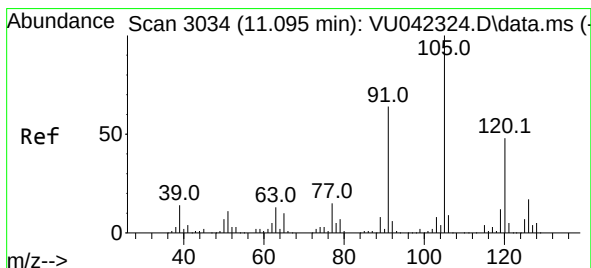
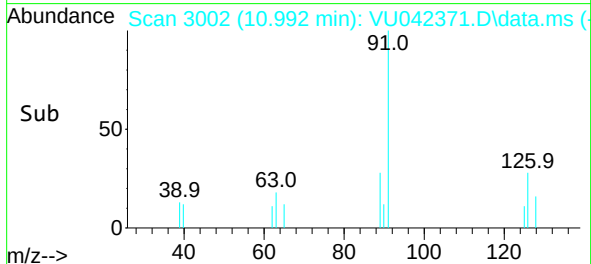
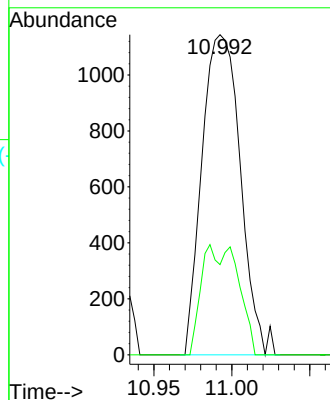
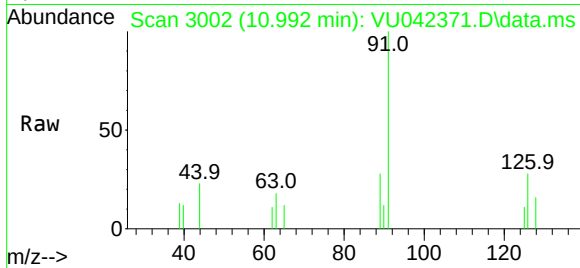




#79  
2-Chlorotoluene  
Concen: 0.45 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

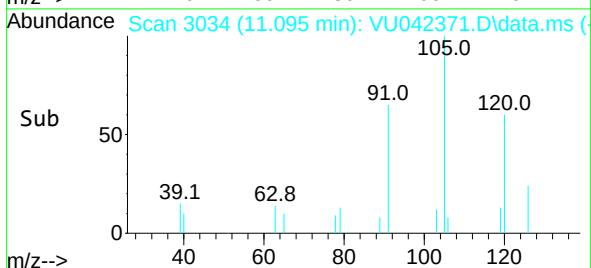
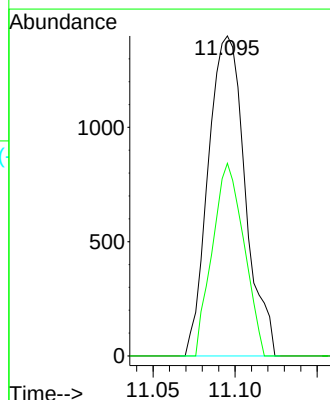
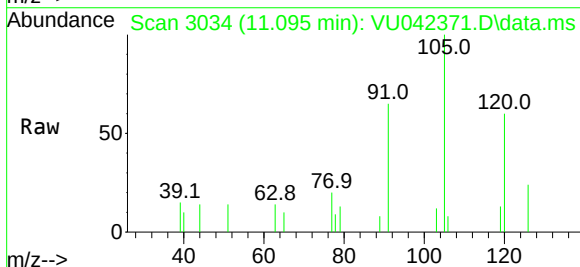
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

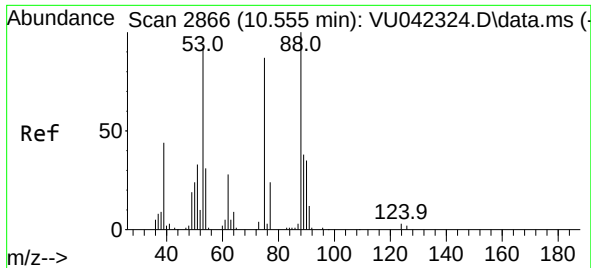
Tgt Ion: 91 Resp: 1962  
Ion Ratio Lower Upper  
91 100  
126 17.2 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 0.41 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 105 Resp: 2191  
Ion Ratio Lower Upper  
105 100  
120 51.2 23.8 71.4

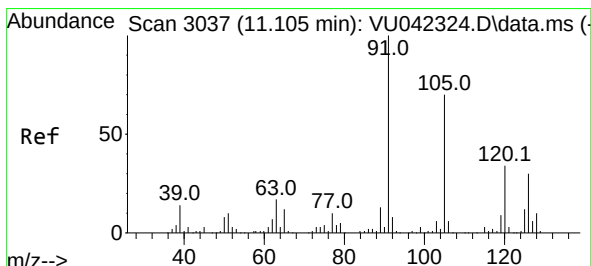
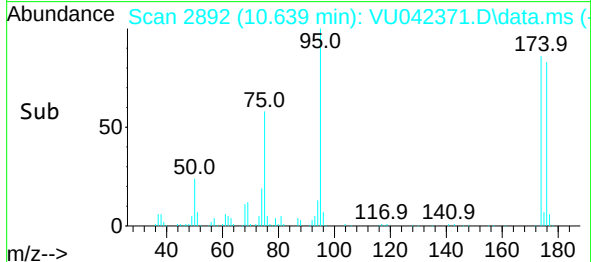
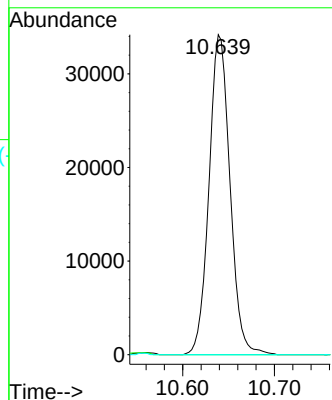
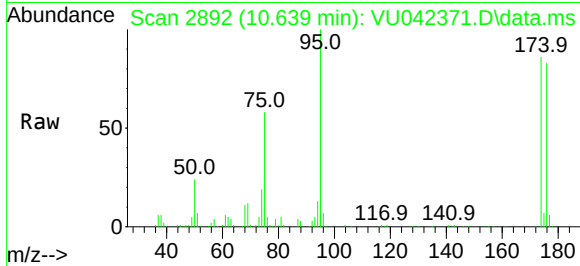




#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.69 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.083 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

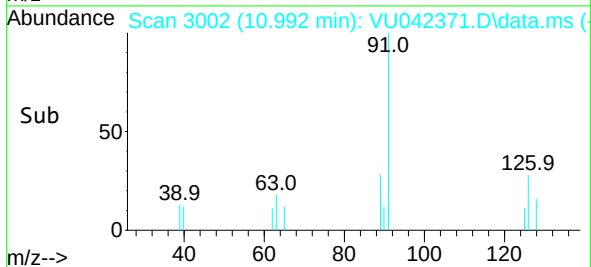
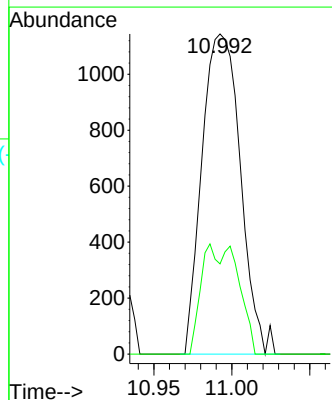
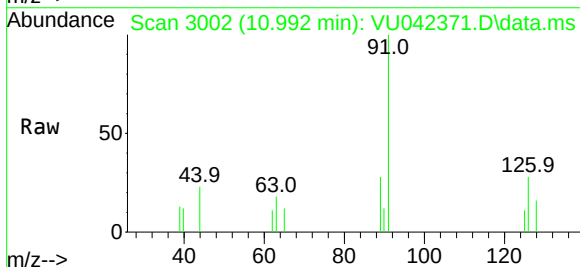
Instrument :  
MSVOA\_U  
ClientSampleId :  
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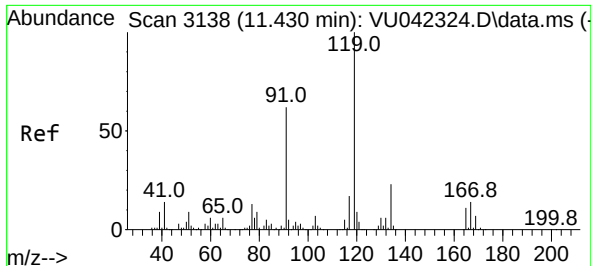
Tgt Ion: 75 Resp: 54395  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.6 128.4#  
89 0.0 35.7 53.5#



#82  
4-Chlorotoluene  
Concen: 0.39 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.113 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 91 Resp: 1962  
Ion Ratio Lower Upper  
91 100  
126 17.2 14.6 44.0

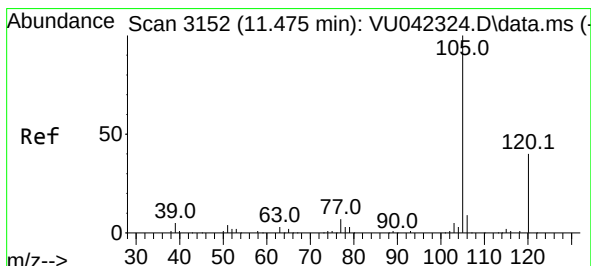
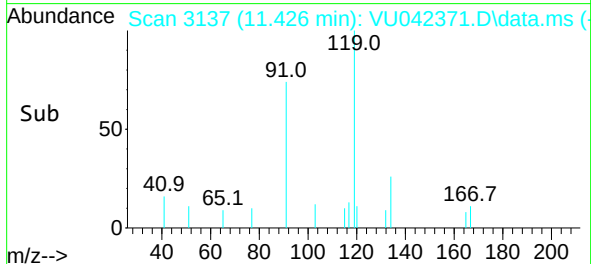
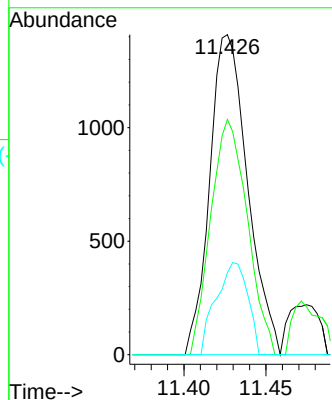
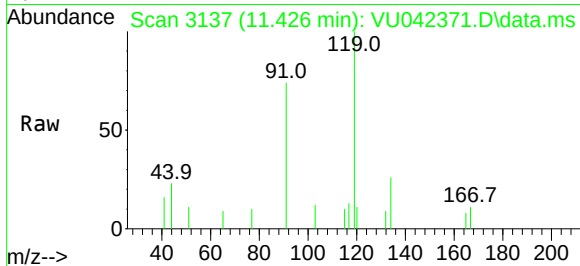




#83  
tert-Butylbenzene  
Concen: 0.44 ug/l  
RT: 11.426 min Scan# 3137  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

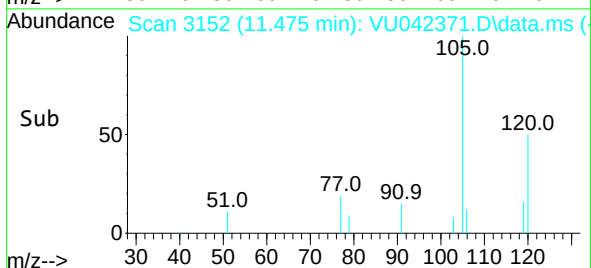
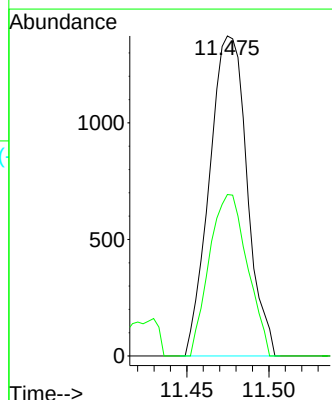
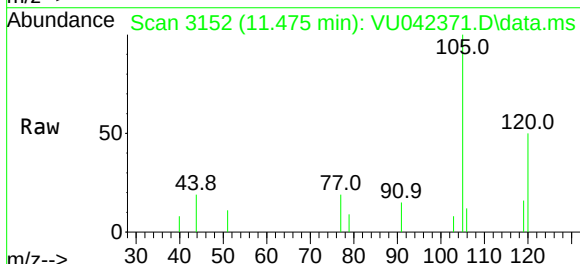
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

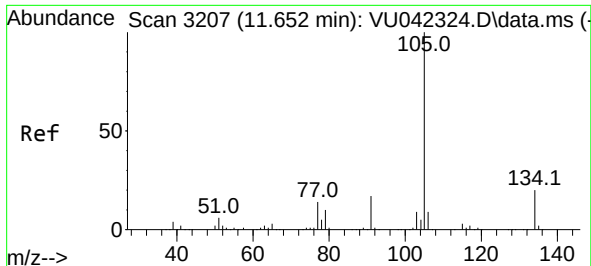
Tgt Ion:119 Resp: 2259  
Ion Ratio Lower Upper  
119 100  
91 71.0 30.3 90.9  
134 24.1 11.4 34.1



#84  
1,2,4-Trimethylbenzene  
Concen: 0.41 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:105 Resp: 2186  
Ion Ratio Lower Upper  
105 100  
120 51.0 22.3 66.8

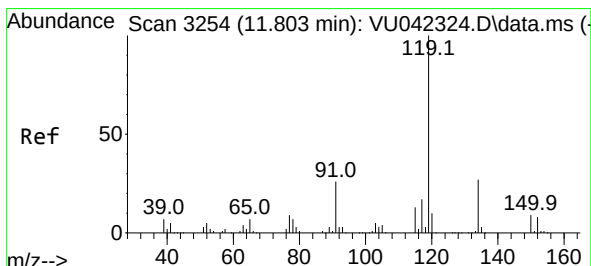
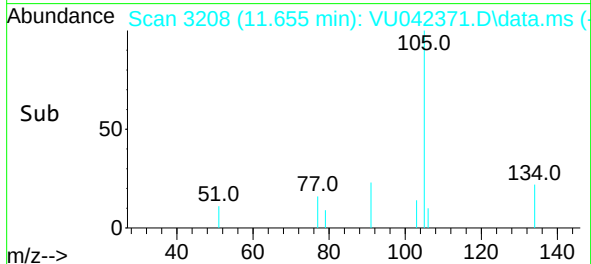
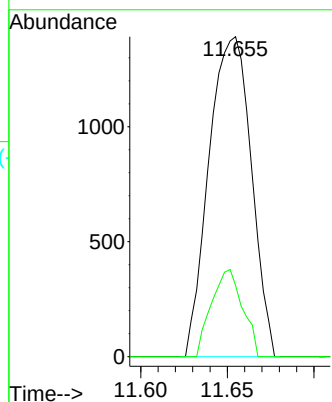
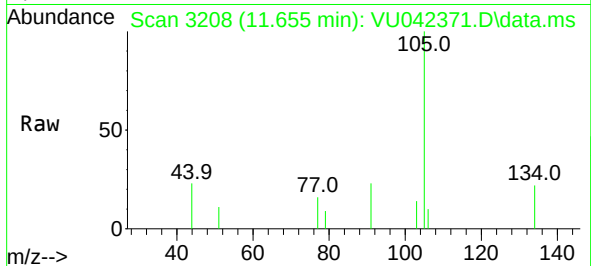




#85  
 sec-Butylbenzene  
 Concen: 0.39 ug/l  
 RT: 11.655 min Scan# 3208  
 Delta R.T. 0.003 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

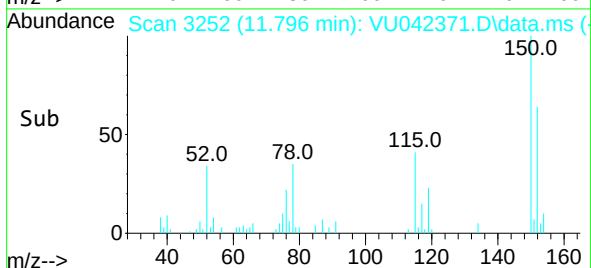
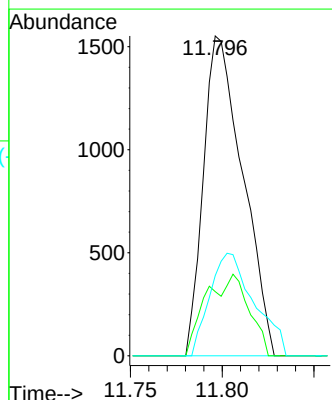
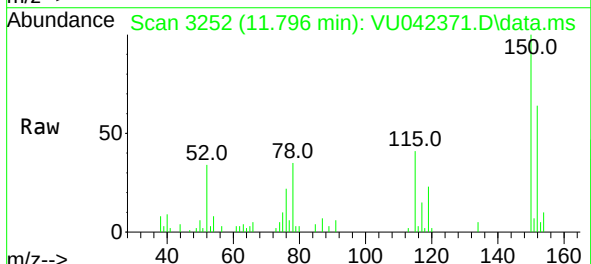
Instrument :  
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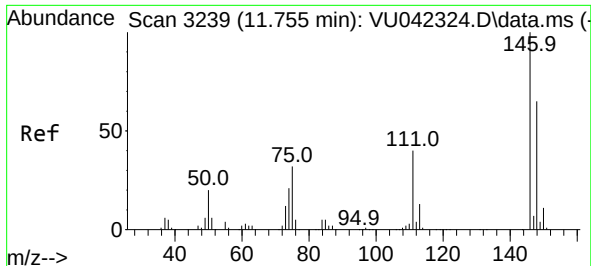
Tgt Ion:105 Resp: 2363  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 0.41 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. -0.007 min  
 Lab File: VU042371.D  
 Acq: 19 Feb 2021 18:59

Tgt Ion:119 Resp: 2309  
 Ion Ratio Lower Upper  
 119 100  
 134 12.6 13.2 39.6#  
 91 0.0 12.8 38.3#

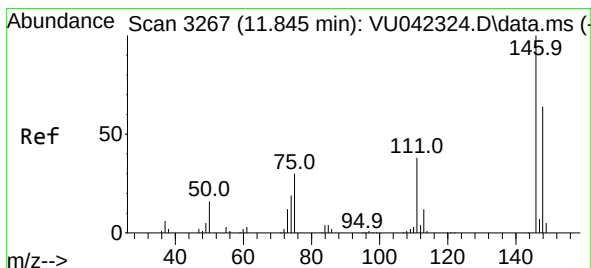
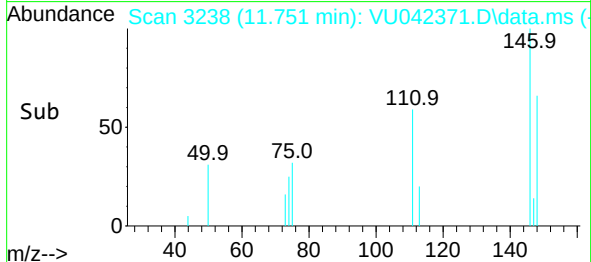
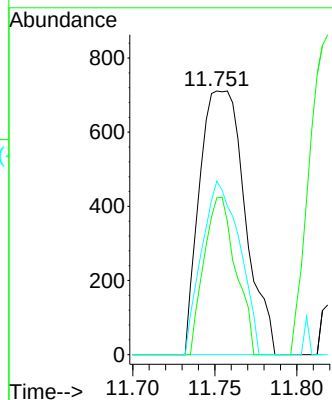
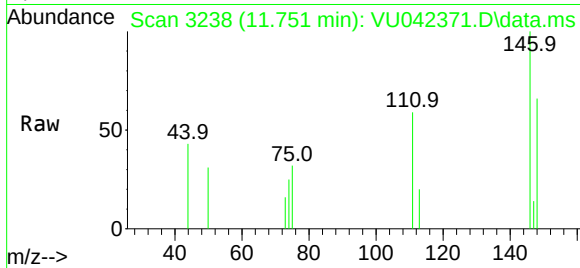




#87  
1,3-Dichlorobenzene  
Concen: 0.48 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

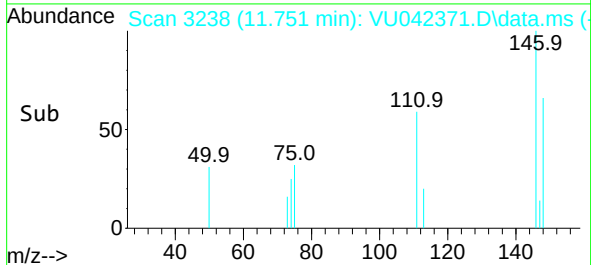
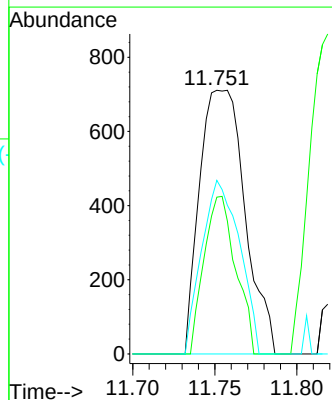
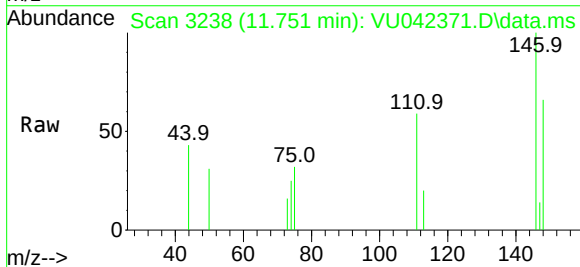
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

Tgt Ion:146 Resp: 1368  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.9 59.6  
148 54.8 32.0 96.2

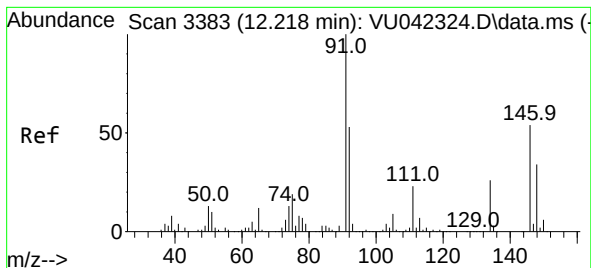


#88  
1,4-Dichlorobenzene  
Concen: 0.47 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.093 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:146 Resp: 1368  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.7 59.0  
148 54.8 32.8 98.3



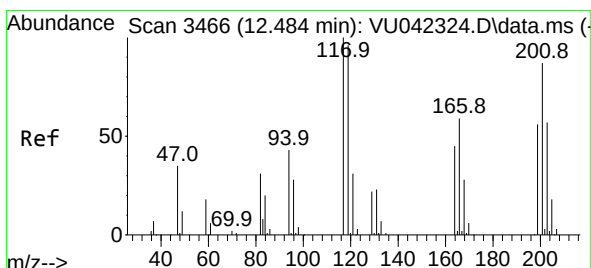
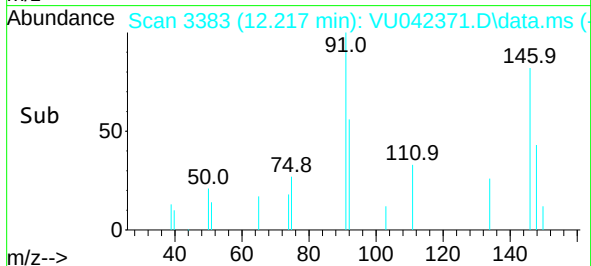
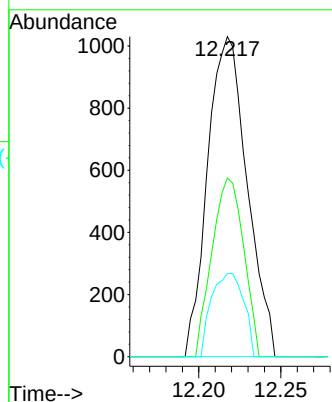
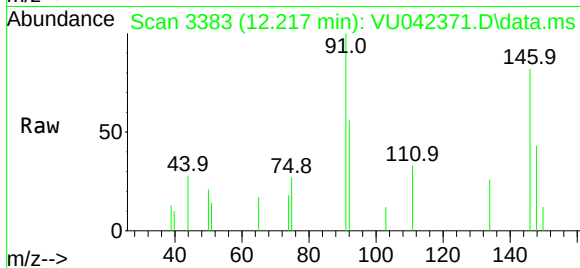




#89  
n-Butylbenzene  
Concen: 0.35 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

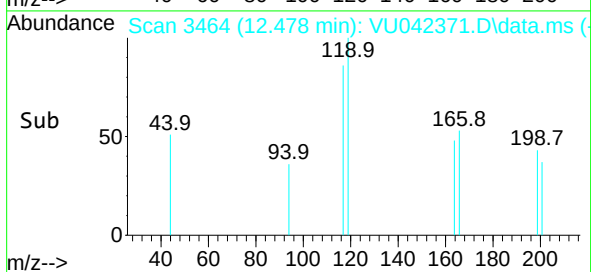
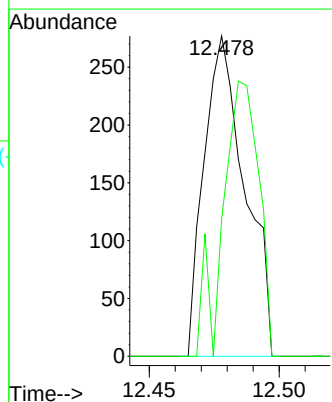
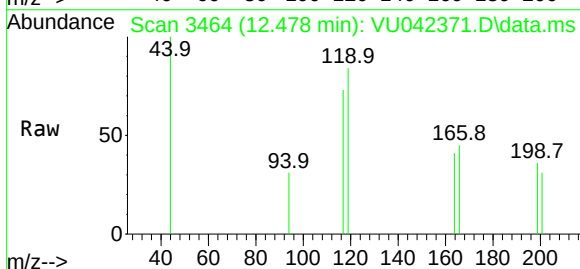
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

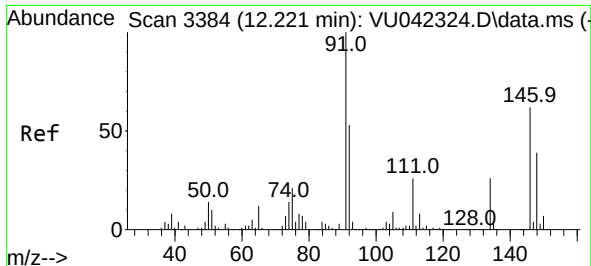
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 1721  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 44.7  | 26.2  | 78.6  |
| 134      | 21.2  | 12.7  | 38.1  |



#90  
Hexachloroethane  
Concen: 0.31 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.007 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 303   |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 75.6  | 43.5  | 130.7 |

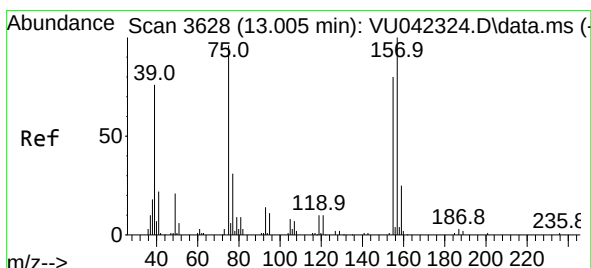
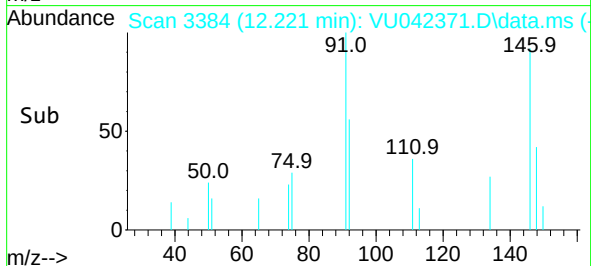
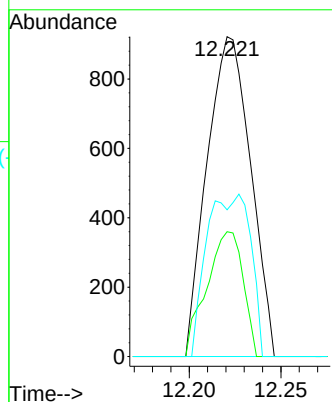
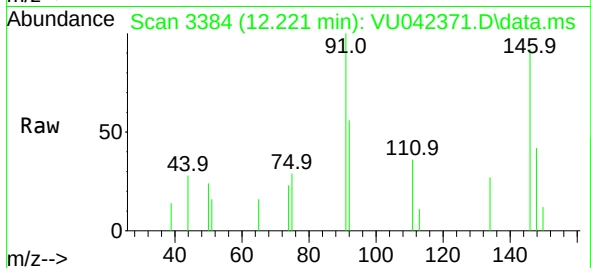




#91  
1,2-Dichlorobenzene  
Concen: 0.52 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

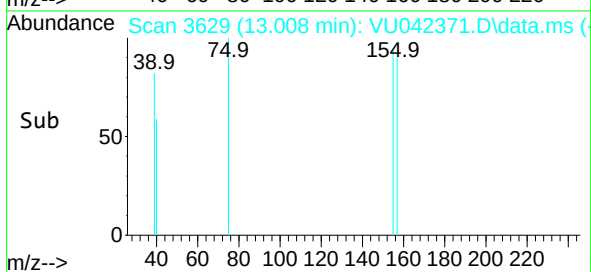
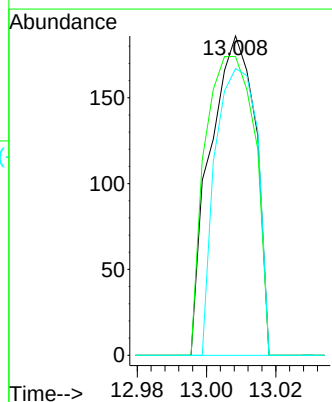
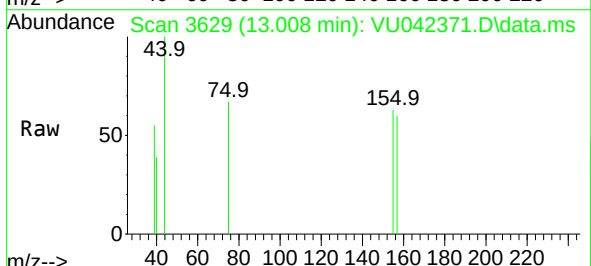
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

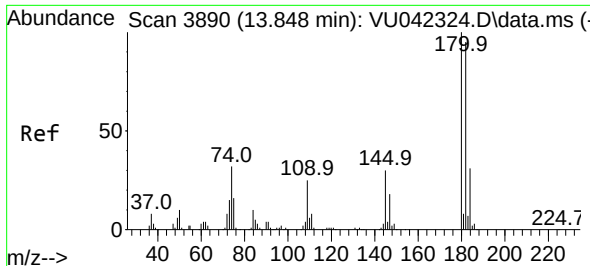
Tgt Ion:146 Resp: 1523  
Ion Ratio Lower Upper  
146 100  
111 32.6 20.8 62.4  
148 27.2 31.9 95.7#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.26 ug/l  
RT: 13.008 min Scan# 3629  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion: 75 Resp: 169  
Ion Ratio Lower Upper  
75 100  
155 101.8 41.7 125.1  
157 82.8 53.9 161.7

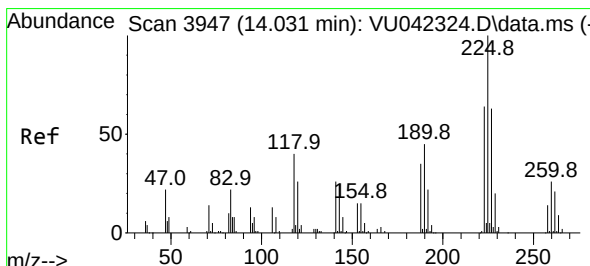
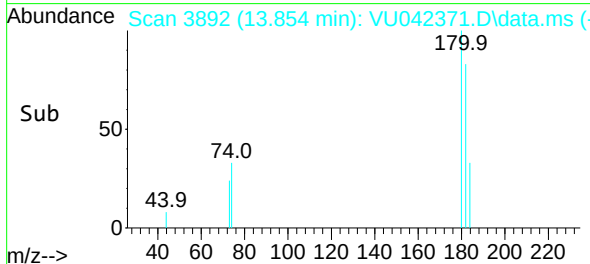
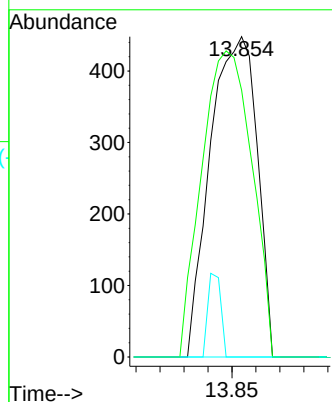
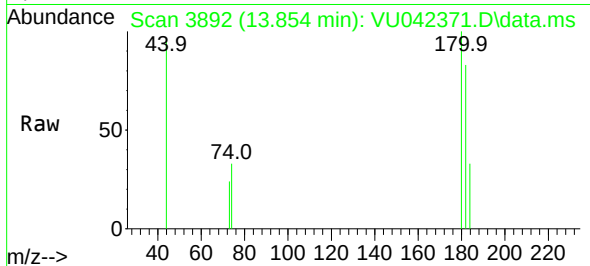




#93  
1,2,4-Trichlorobenzene  
Concen: 0.34 ug/l  
RT: 13.854 min Scan# 3892  
Delta R.T. 0.006 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

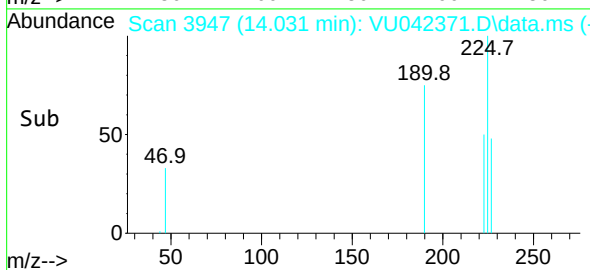
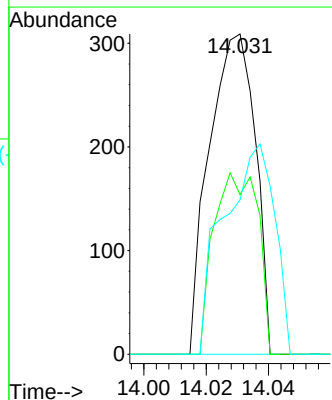
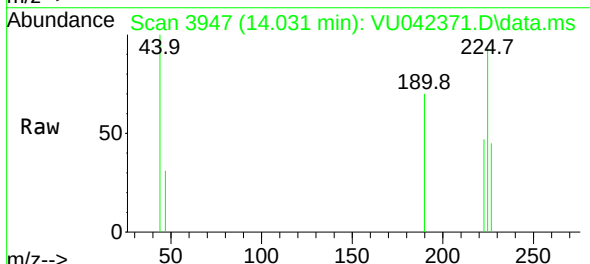
Instrument :  
MSVOA\_U  
ClientSampled :  
MDL07

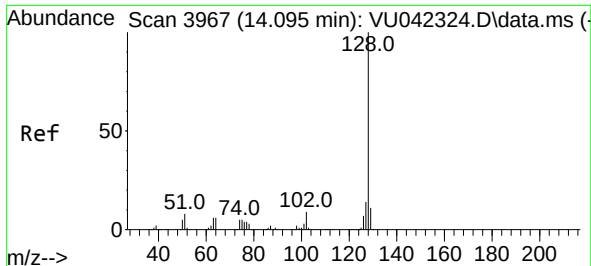
Tgt Ion:180 Resp: 607  
Ion Ratio Lower Upper  
180 100  
182 102.5 46.9 140.8  
145 7.2 14.4 43.4#



#94  
Hexachlorobutadiene  
Concen: 0.31 ug/l  
RT: 14.031 min Scan# 3947  
Delta R.T. -0.000 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:225 Resp: 317  
Ion Ratio Lower Upper  
225 100  
223 54.3 32.3 96.9  
227 72.6 31.8 95.4

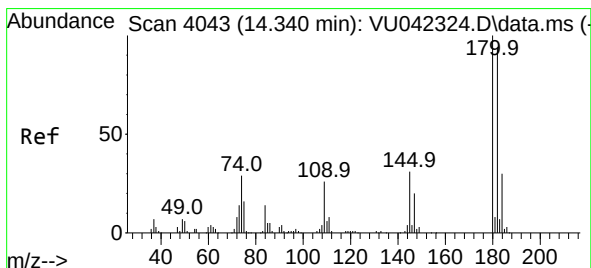
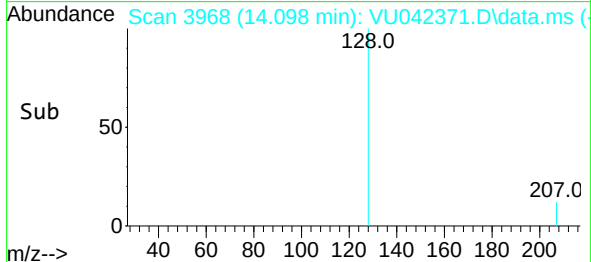
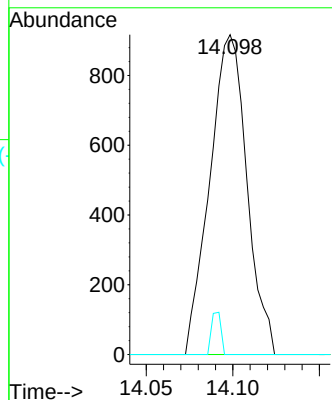
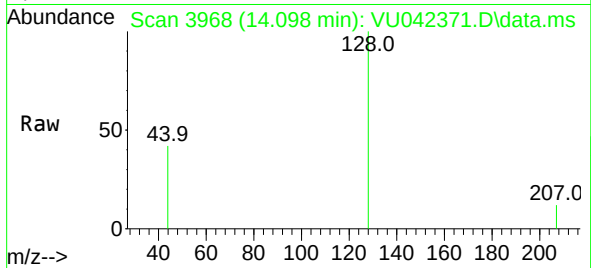




#95  
Naphthalene  
Concen: 0.26 ug/l  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.003 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL07

Tgt Ion:128 Resp: 1366  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.8 16.2#  
129 3.4 8.6 13.0#



#96  
1,2,3-Trichlorobenzene  
Concen: 0.26 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. -0.004 min  
Lab File: VU042371.D  
Acq: 19 Feb 2021 18:59

Tgt Ion:180 Resp: 464  
Ion Ratio Lower Upper  
180 100  
182 117.0 48.0 144.0  
145 4.3 15.5 46.5#

