

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU053122\  
 Data File : VU048746.D  
 Acq On : 31 May 2022 18:18  
 Operator : SY/MD  
 Sample : VU0531WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

Quant Time: Jun 01 02:19:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.372  | 168   | 255931   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.250  | 114   | 432694   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.417  | 117   | 385881   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 217977   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.703  | 65    | 192722   | 50.141   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 100.280% |
| 35) Dibromofluoromethane     | 5.292  | 113   | 151631   | 49.120   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 98.240%  |
| 50) Toluene-d8               | 7.899  | 98    | 545133   | 49.264   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 98.520%  |
| 62) 4-Bromofluorobenzene     | 10.632 | 95    | 212984   | 50.894   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 101.780% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 53336    | 18.204   | ug/l   | 95       |
| 3) Chloromethane             | 1.527  | 50    | 62686    | 16.620   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.601  | 62    | 67643    | 19.364   | ug/l   | 98       |
| 5) Bromomethane              | 1.851  | 94    | 26680    | 10.214   | ug/l   | 98       |
| 6) Chloroethane              | 1.929  | 64    | 43139    | 21.057   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.134  | 101   | 91262    | 18.293   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.375  | 74    | 34606    | 18.797   | ug/l   | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 50955    | 18.658   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.720  | 142   | 20550    | 7.766    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 3.179  | 59    | 97574    | 100.132  | ug/l # | 42       |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 49705    | 19.082   | ug/l   | 95       |
| 13) Acrolein                 | 2.485  | 56    | 18314    | 53.371   | ug/l   | 92       |
| 14) Allyl chloride           | 2.922  | 41    | 103807   | 20.575   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.311  | 53    | 231444   | 109.511  | ug/l   | 99       |
| 16) Acetone                  | 2.623  | 43    | 192013   | 98.026   | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.790  | 76    | 139036   | 18.284   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.948  | 43    | 111908   | 22.755   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.366  | 73    | 204786   | 20.720   | ug/l   | 96       |
| 20) Methylene Chloride       | 3.044  | 84    | 67518    | 20.270   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96    | 55894    | 18.759   | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.993  | 45    | 210553   | 22.624   | ug/l   | 95       |
| 23) Vinyl Acetate            | 3.954  | 43    | 881422   | 109.314  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.871  | 63    | 119422   | 20.432   | ug/l   | 99       |
| 25) 2-Butanone               | 4.700  | 43    | 314940   | 111.920  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.665  | 77    | 89765    | 17.118   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.671  | 96    | 67438    | 19.553   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.973  | 49    | 51496    | 22.462   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.051  | 42    | 203186   | 114.632  | ug/l   | 97       |
| 30) Chloroform               | 5.089  | 83    | 116122   | 19.856   | ug/l   | 100      |
| 31) Cyclohexane              | 5.388  | 56    | 99051    | 20.449   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.317  | 97    | 99782    | 18.806   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.526  | 75    | 81671    | 18.128   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.803  | 43    | 112854   | 19.814   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.526  | 117   | 87922    | 17.010   | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.764  | 83    | 84692    | 17.928   | ug/l   | 98       |
| 40) Benzene                  | 5.777  | 78    | 249306   | 18.743   | ug/l   | 100      |

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 Sample : VU0531WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

Quant Time: Jun 01 02:19:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 60277    | 20.943  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 96770    | 18.586  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.912  | 43   | 165234   | 19.988  | ug/l   | 99       |
| 44) Trichloroethene           | 6.543  | 130  | 62727    | 18.305  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 68179    | 20.361  | ug/l   | 99       |
| 46) Dibromomethane            | 6.919  | 93   | 46710    | 18.671  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.105  | 83   | 95665    | 18.909  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.960  | 41   | 76309    | 20.563  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.960  | 88   | 30368    | 366.063 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 592331   | 110.351 | ug/l   | 99       |
| 52) Toluene                   | 7.970  | 92   | 157567   | 19.805  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 101052   | 18.516  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 106144   | 18.769  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 66157    | 18.841  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 103661   | 20.319  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 111913   | 18.937  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 93174    | 95.185  | ug/l   | 96       |
| 59) 2-Hexanone                | 8.684  | 43   | 440735   | 100.014 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.809  | 129  | 71426    | 18.147  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 68456    | 17.703  | ug/l   | 98       |
| 64) Tetrachloroethene         | 8.552  | 164  | 49821    | 17.881  | ug/l   | 95       |
| 65) Chlorobenzene             | 9.449  | 112  | 162337   | 19.891  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 61860    | 19.968  | ug/l   | 100      |
| 67) Ethyl Benzene             | 9.571  | 91   | 285112   | 20.713  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.694  | 106  | 220839   | 41.020  | ug/l   | 100      |
| 69) o-Xylene                  | 10.102 | 106  | 108750   | 20.561  | ug/l   | 100      |
| 70) Styrene                   | 10.115 | 104  | 183219   | 21.060  | ug/l   | 100      |
| 71) Bromoform                 | 10.292 | 173  | 56889    | 19.862  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 287762   | 20.449  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 134719   | 20.443  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 119385   | 20.789  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 134214   | 19.097  | ug/l   | 99       |
| 77) Bromobenzene              | 10.784 | 156  | 75268    | 19.916  | ug/l   | 96       |
| 78) n-propylbenzene           | 10.906 | 91   | 352866   | 21.043  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 209435   | 20.084  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 251411   | 20.544  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 33958    | 17.543  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 250462   | 20.817  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 245582   | 20.909  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 254020   | 19.990  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 306608   | 20.866  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 262057   | 20.768  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 142491   | 19.230  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 145106   | 18.955  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.211 | 91   | 230938   | 19.670  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.475 | 117  | 44522    | 17.288  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 144398   | 19.290  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 31039    | 18.772  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 93295    | 18.993  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 37572    | 15.958  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 302244   | 19.256  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 91207    | 18.747  | ug/l   | 97       |

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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Time: Jun 01 02:19:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration

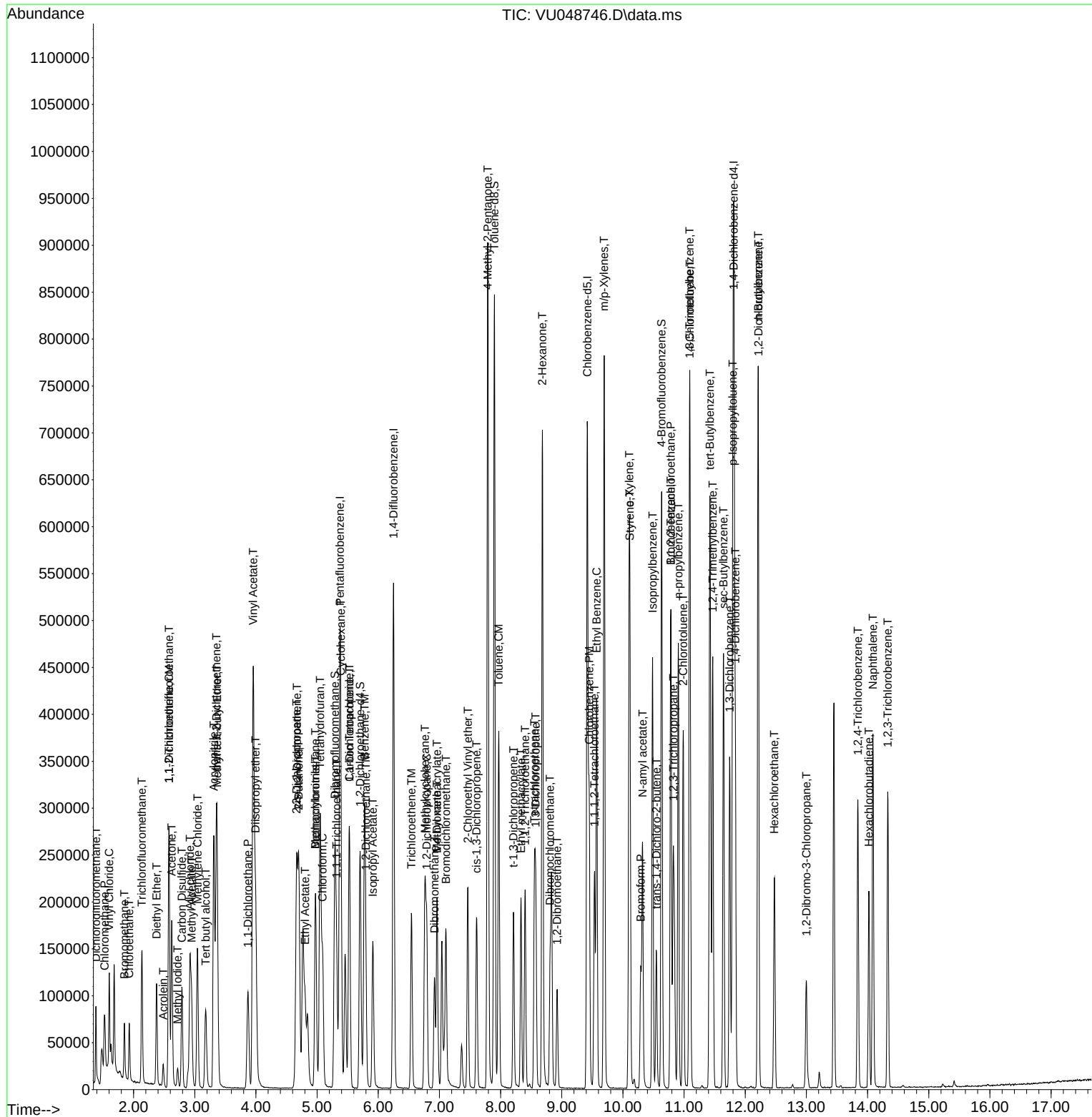
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

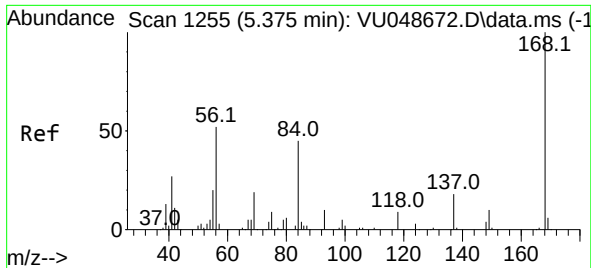
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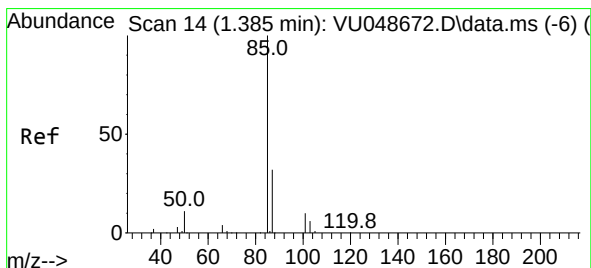
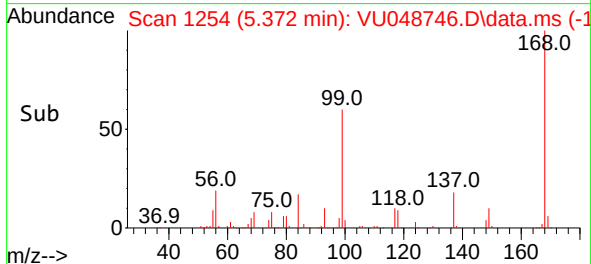
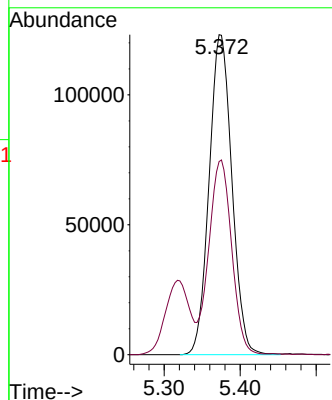
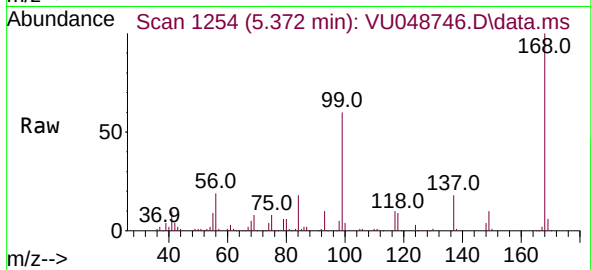




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

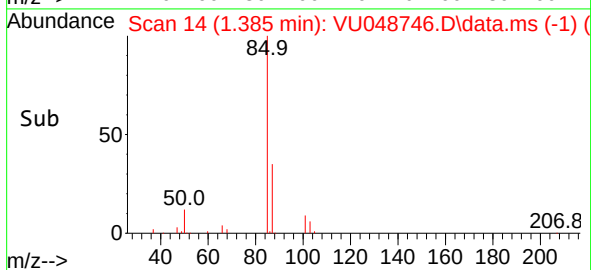
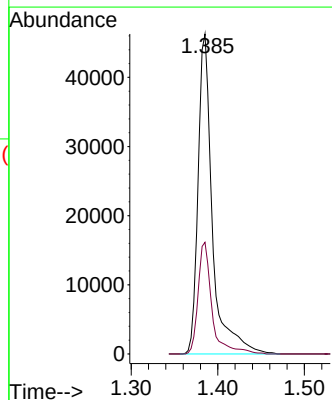
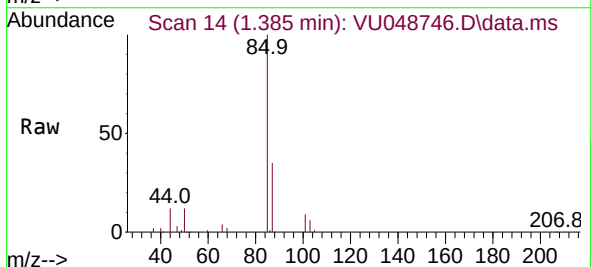
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

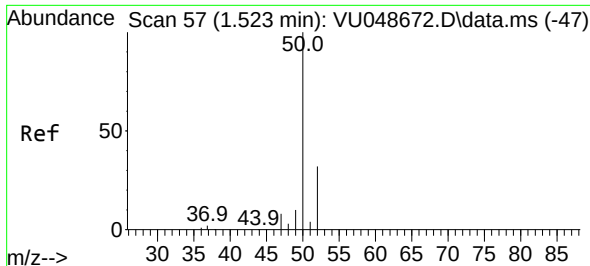
Tgt Ion:168 Resp: 255931  
Ion Ratio Lower Upper  
168 100  
99 60.1 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 18.204 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 85 Resp: 53336  
Ion Ratio Lower Upper  
85 100  
87 34.9 16.0 48.0

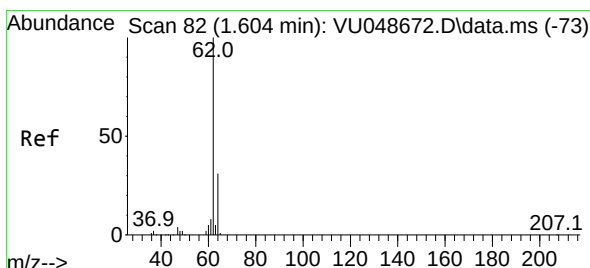
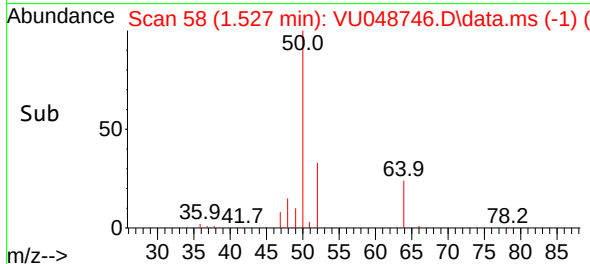
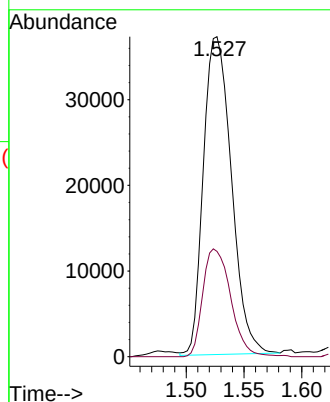
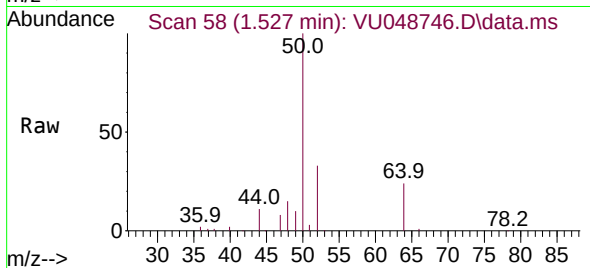




#3  
Chloromethane  
Concen: 16.620 ug/l  
RT: 1.527 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

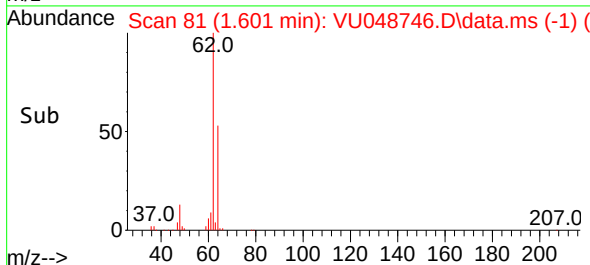
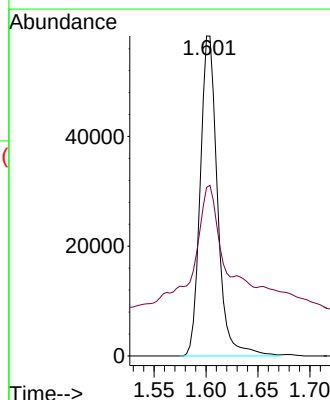
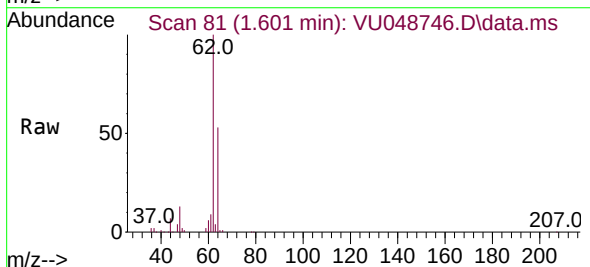
Instrument :  
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ClientSampleId :  
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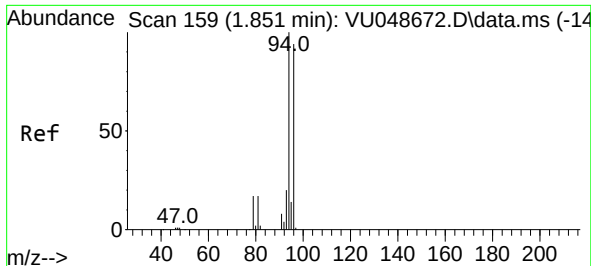
Tgt Ion: 50 Resp: 62686  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.7 38.5



#4  
Vinyl Chloride  
Concen: 19.364 ug/l  
RT: 1.601 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 62 Resp: 67643  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.2 37.8

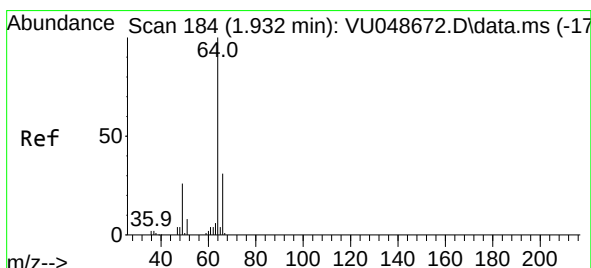
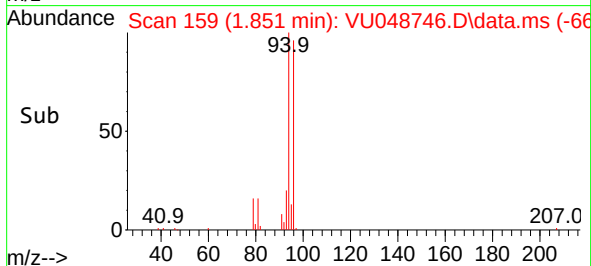
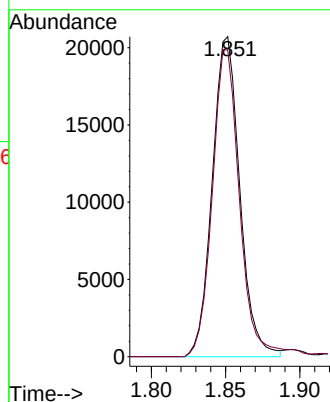
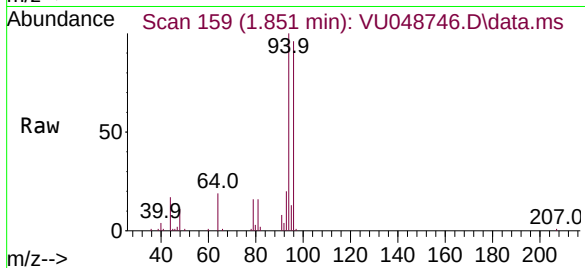




#5  
Bromomethane  
Concen: 10.214 ug/l  
RT: 1.851 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

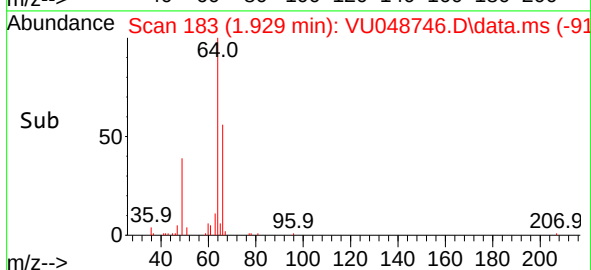
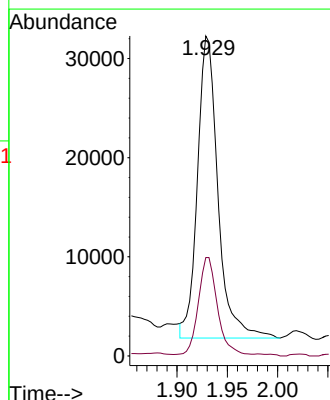
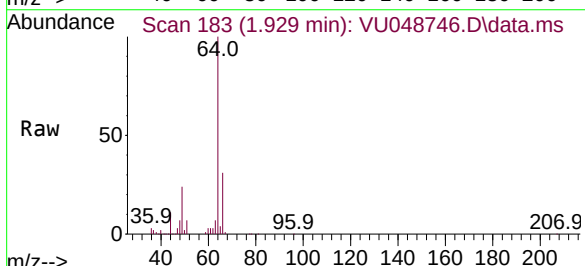
Instrument :  
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ClientSampleId :  
VU0531WBSD01

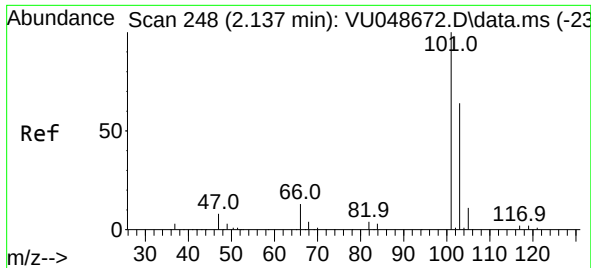
Tgt Ion: 94 Resp: 26680  
Ion Ratio Lower Upper  
94 100  
96 95.9 75.1 112.7



#6  
Chloroethane  
Concen: 21.057 ug/l  
RT: 1.929 min Scan# 183  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 64 Resp: 43139  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.2 37.8

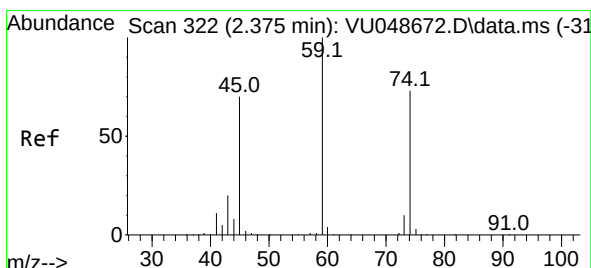
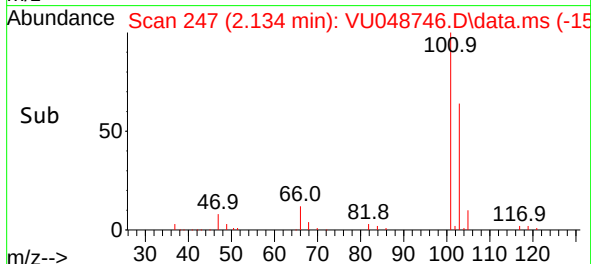
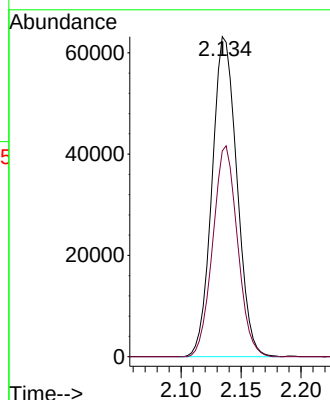
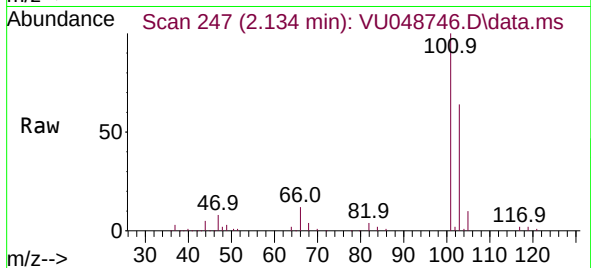




#7  
 Trichlorofluoromethane  
 Concen: 18.293 ug/l  
 RT: 2.134 min Scan# 248  
 Delta R.T. -0.003 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

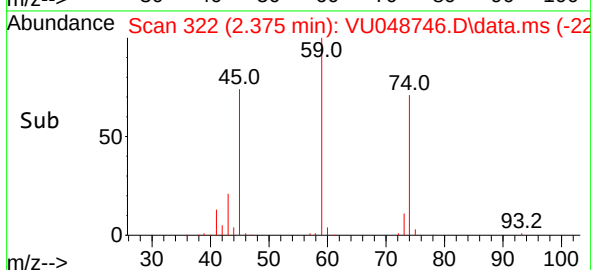
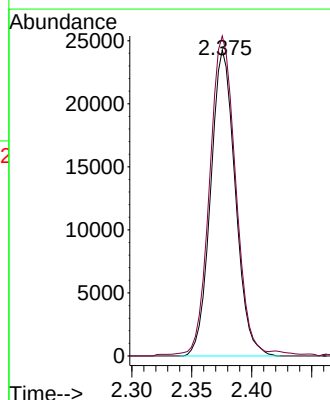
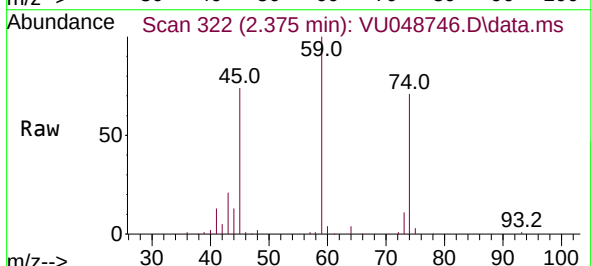
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

Tgt Ion:101 Resp: 91262  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 51.0 76.4

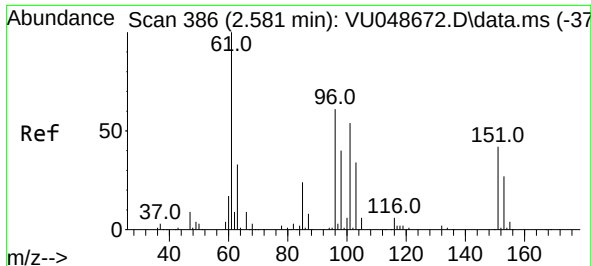


#8  
 Diethyl Ether  
 Concen: 18.797 ug/l  
 RT: 2.375 min Scan# 322  
 Delta R.T. 0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

Tgt Ion: 74 Resp: 34606  
 Ion Ratio Lower Upper  
 74 100  
 45 110.8 47.7 143.1



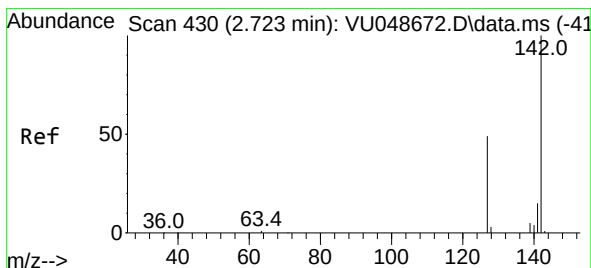
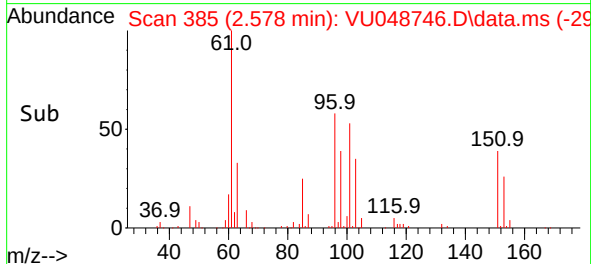
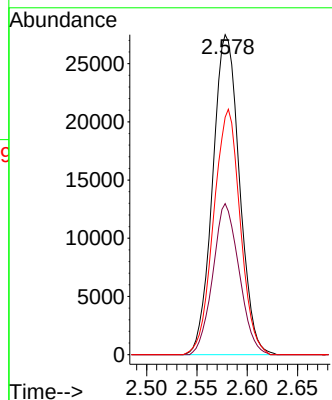
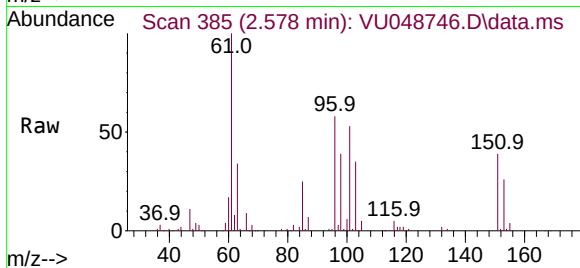




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.658 ug/l  
RT: 2.578 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

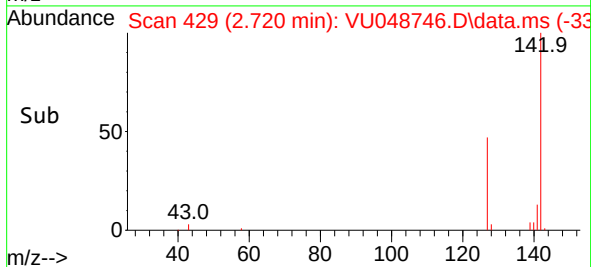
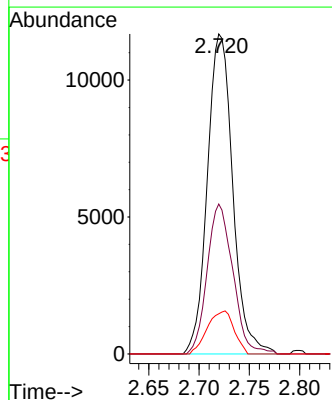
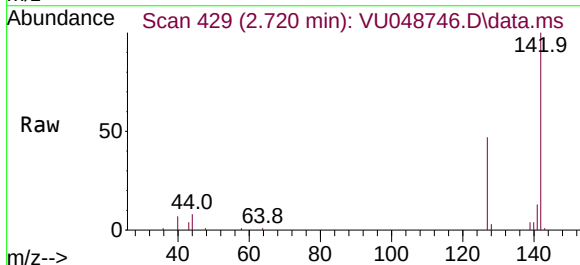
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

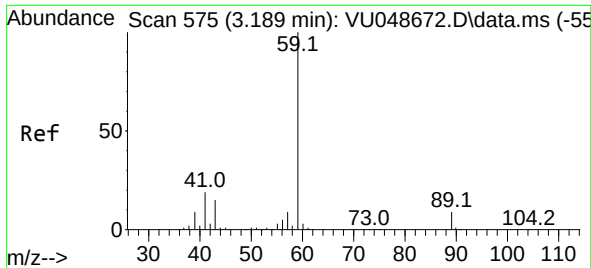
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 50955 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.2  | 35.4  | 53.2  |
| 151      | 76.2  | 62.5  | 93.7  |



#10  
Methyl Iodide  
Concen: 7.766 ug/l  
RT: 2.720 min Scan# 429  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 20550 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 47.4  | 38.4  | 57.6  |
| 141      | 14.1  | 11.5  | 17.3  |

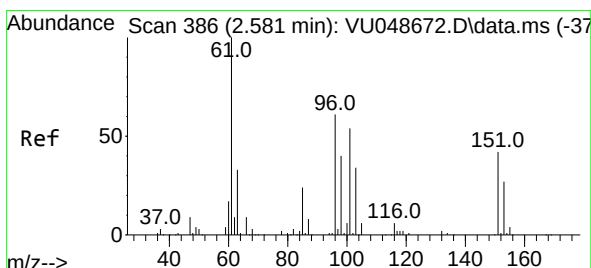
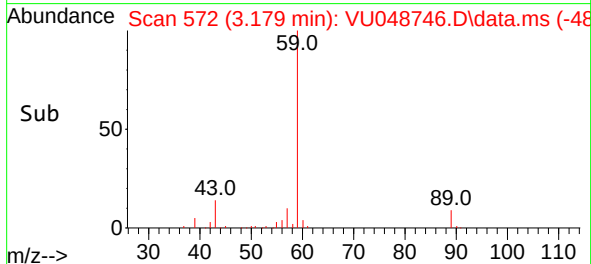
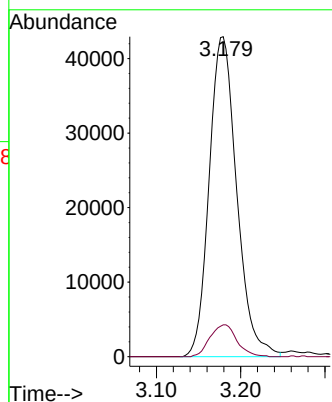
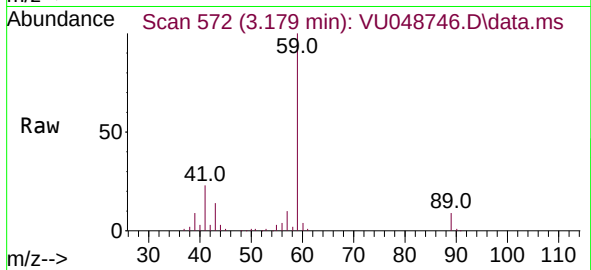




#11  
Tert butyl alcohol  
Concen: 100.132 ug/l  
RT: 3.179 min Scan# 51  
Delta R.T. -0.010 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

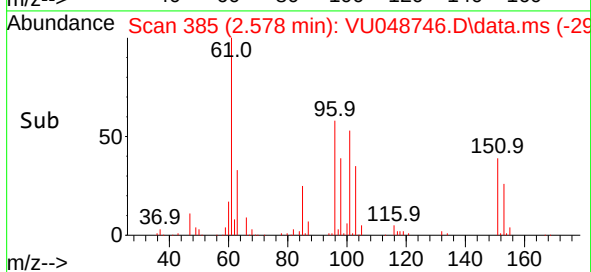
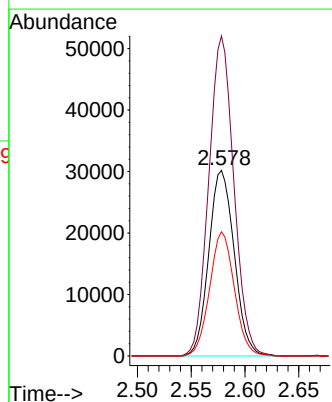
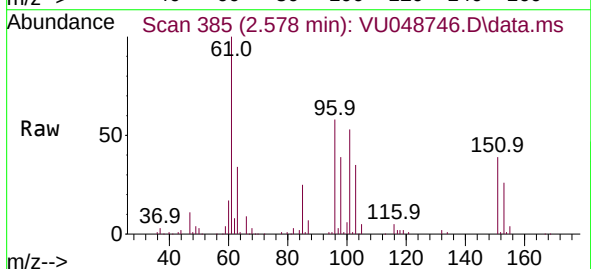
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

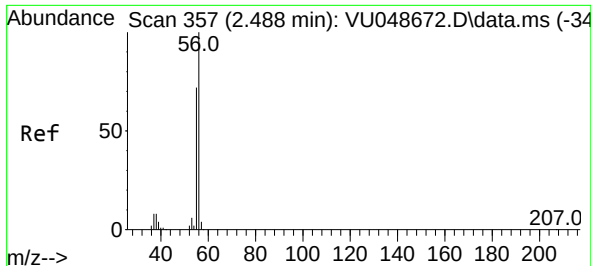
Tgt Ion: 59 Resp: 97574  
Ion Ratio Lower Upper  
59 100  
57 9.8 39.7 59.5#



#12  
1,1-Dichloroethene  
Concen: 19.082 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 96 Resp: 49705  
Ion Ratio Lower Upper  
96 100  
61 172.4 131.1 196.7  
98 66.9 51.8 77.8





#13

Acrolein

Concen: 53.371 ug/l

RT: 2.485 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

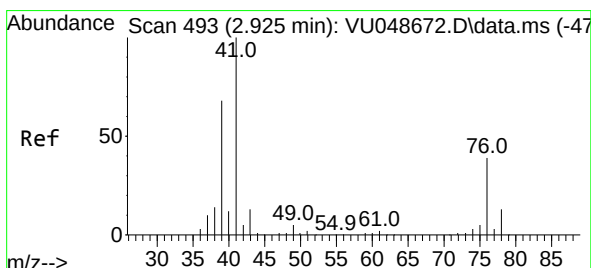
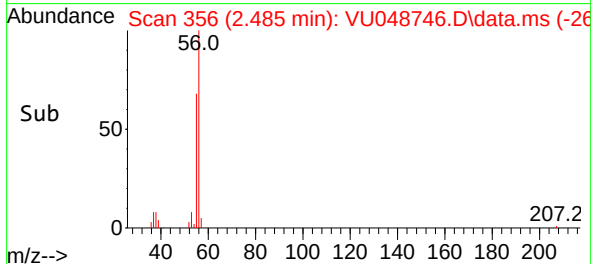
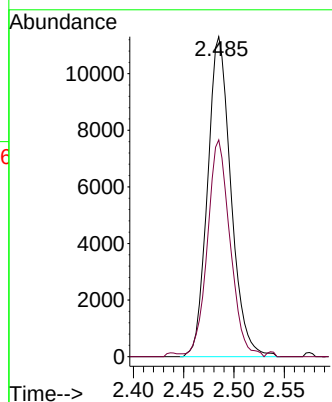
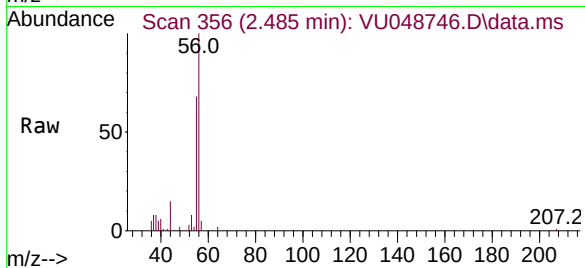
VU0531WBSD01

Tgt Ion: 56 Resp: 18314

Ion Ratio Lower Upper

56 100

55 65.7 57.7 86.5



#14

Allyl chloride

Concen: 20.575 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

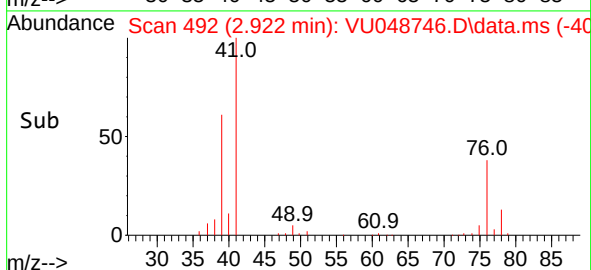
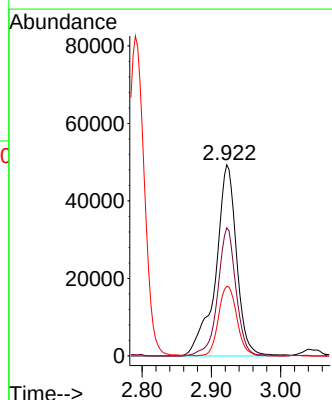
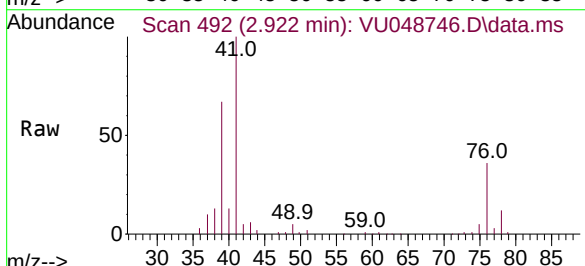
Tgt Ion: 41 Resp: 103807

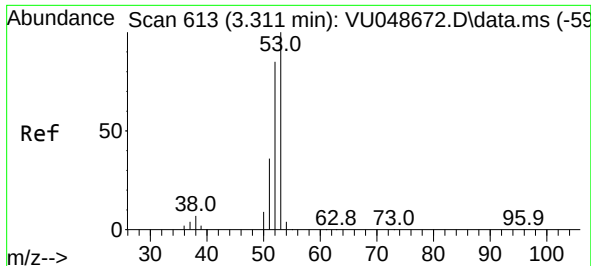
Ion Ratio Lower Upper

41 100

39 58.5 48.6 72.8

76 32.0 27.0 40.4

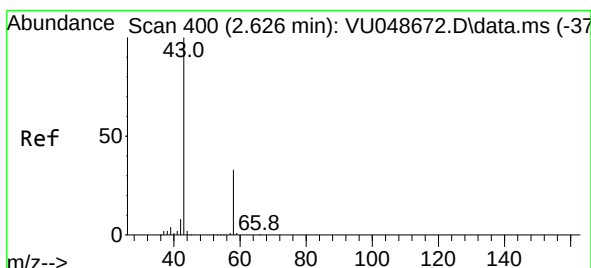
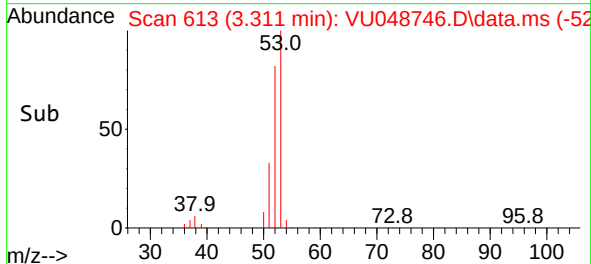
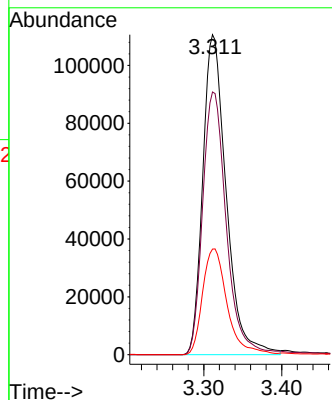
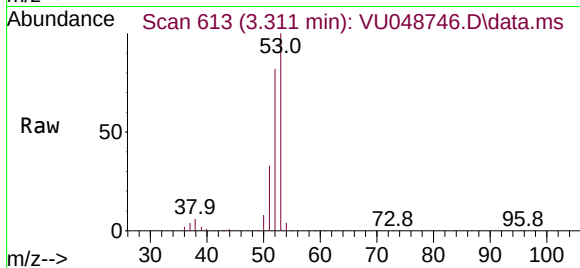




#15  
Acrylonitrile  
Concen: 109.511 ug/l  
RT: 3.311 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

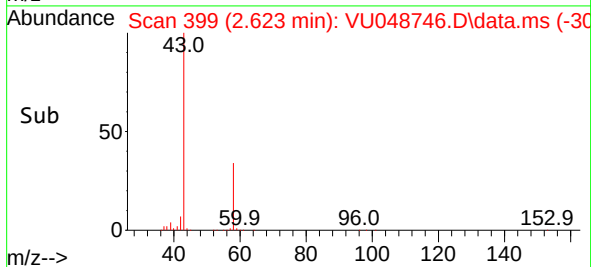
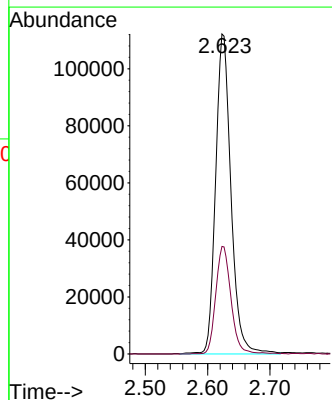
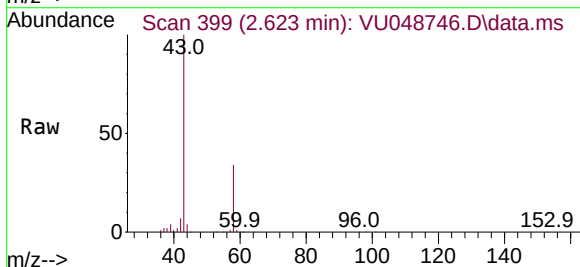
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

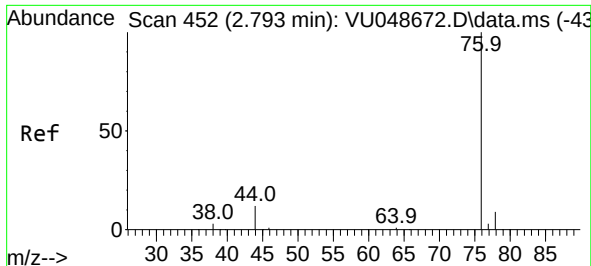
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 231444 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.2  | 66.3  | 99.5   |
| 51       | 34.6  | 28.6  | 42.8   |



#16  
Acetone  
Concen: 98.026 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 192013 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.6  | 26.3  | 39.5   |

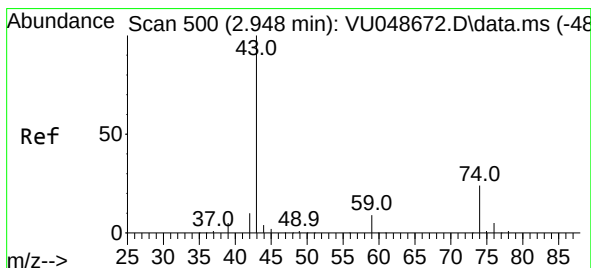
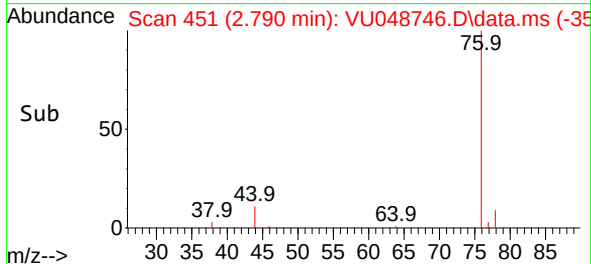
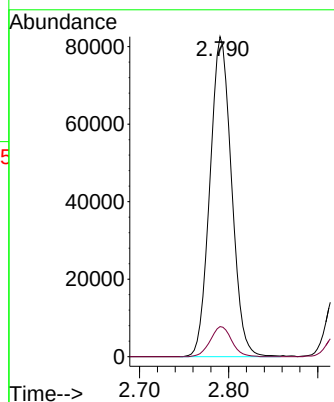
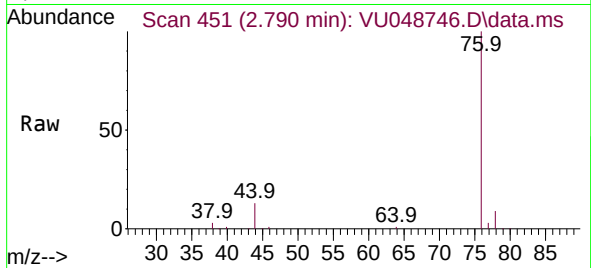




#17  
Carbon Disulfide  
Concen: 18.284 ug/l  
RT: 2.790 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

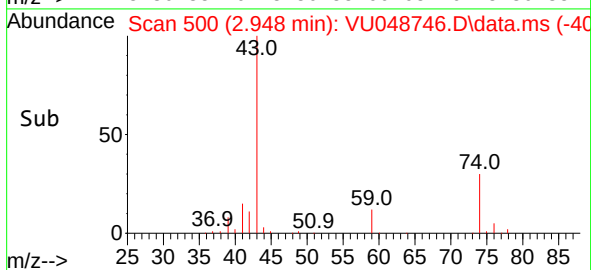
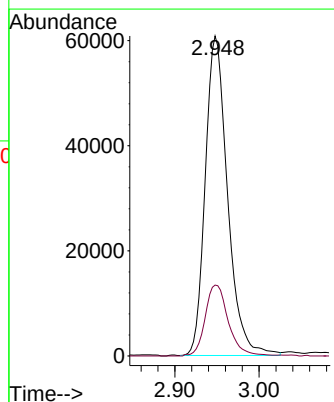
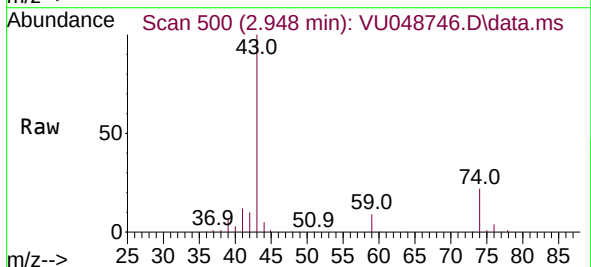
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

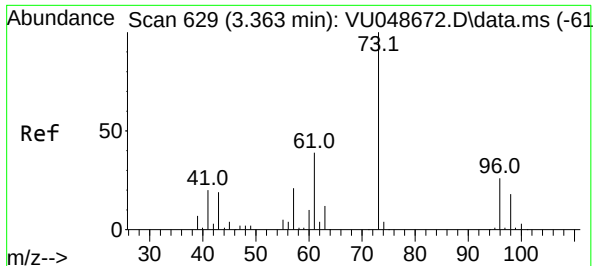
Tgt Ion: 76 Resp: 139036  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9



#18  
Methyl Acetate  
Concen: 22.755 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 43 Resp: 111908  
Ion Ratio Lower Upper  
43 100  
74 23.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 20.720 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

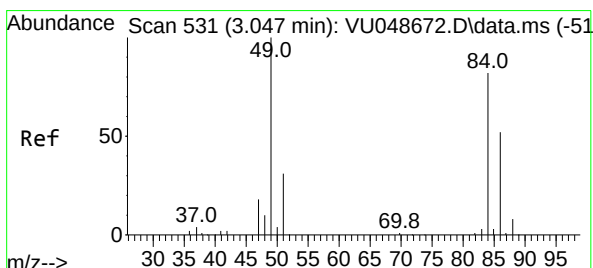
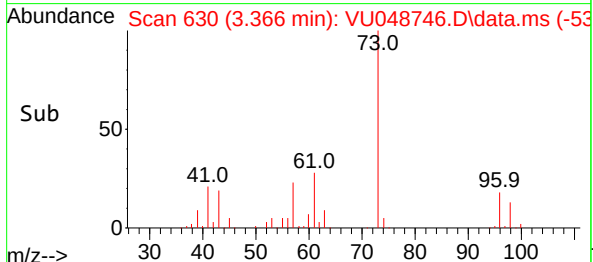
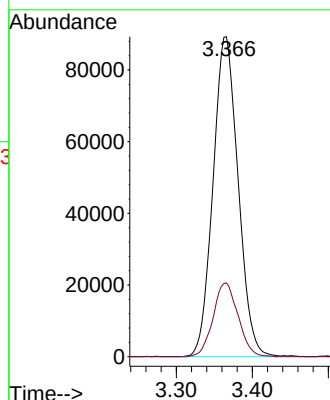
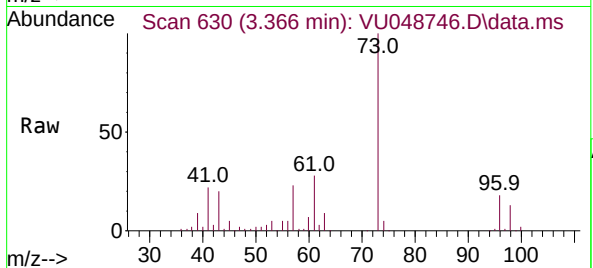
VU0531WBSD01

Tgt Ion: 73 Resp: 204786

Ion Ratio Lower Upper

73 100

57 23.1 17.1 25.7



#20

Methylene Chloride

Concen: 20.270 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Tgt Ion: 84 Resp: 67518

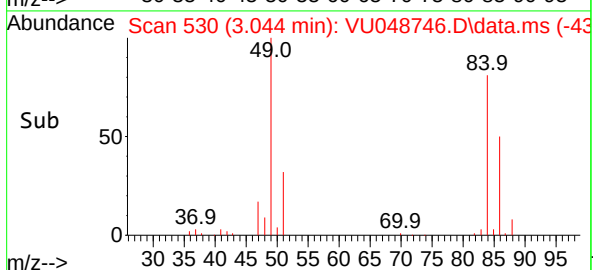
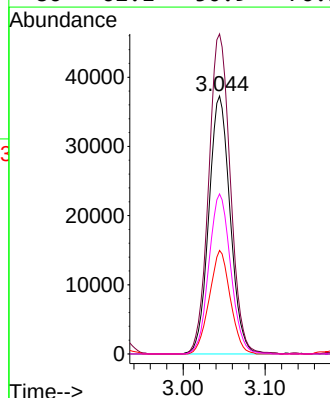
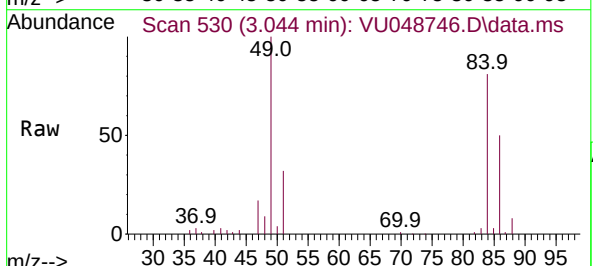
Ion Ratio Lower Upper

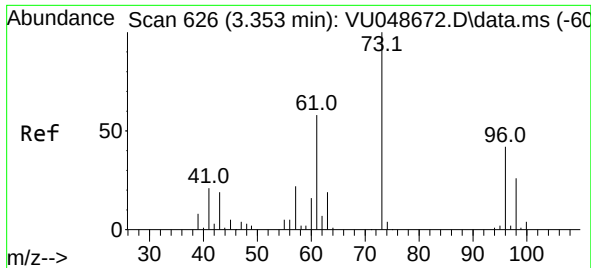
84 100

49 124.1 97.0 145.4

51 40.1 29.8 44.8

86 62.1 50.9 76.3

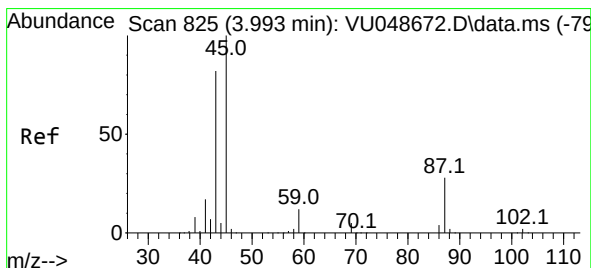
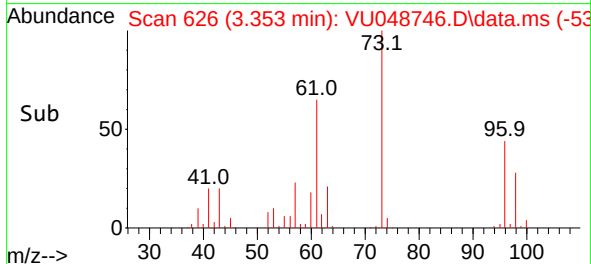
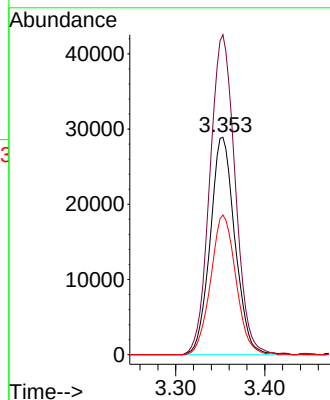
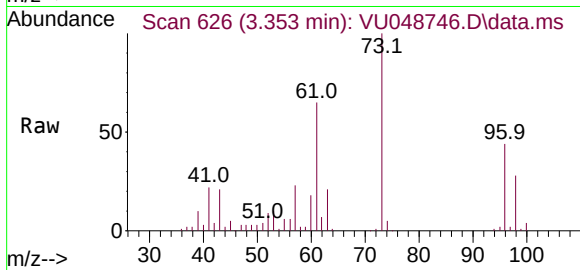




#21  
trans-1,2-Dichloroethene  
Concen: 18.759 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

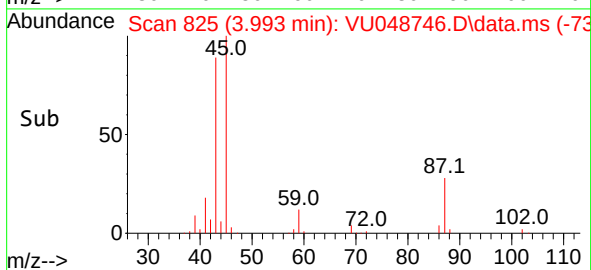
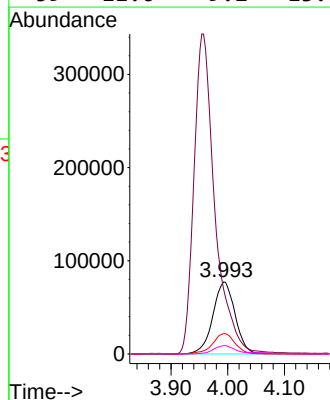
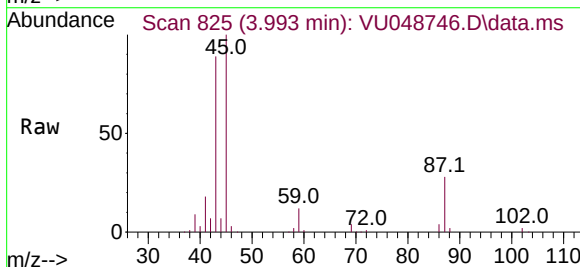
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

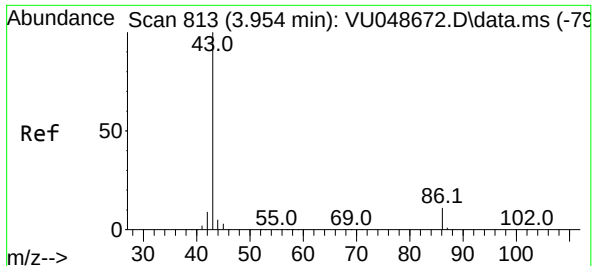
Tgt Ion: 96 Resp: 55894  
Ion Ratio Lower Upper  
96 100  
61 147.2 109.4 164.2  
98 64.3 48.9 73.3



#22  
Diisopropyl ether  
Concen: 22.624 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 45 Resp: 210553  
Ion Ratio Lower Upper  
45 100  
43 87.7 65.2 97.8  
87 28.4 22.7 34.1  
59 11.6 9.2 13.8

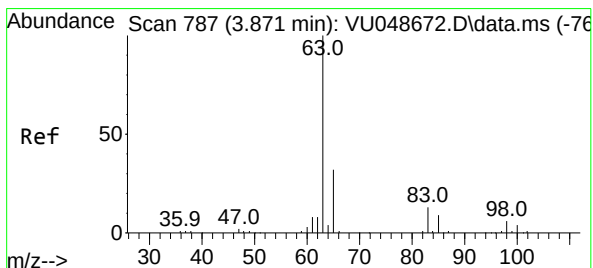
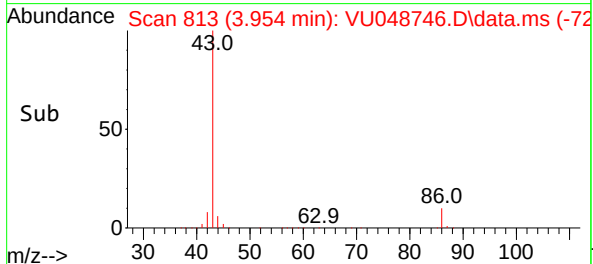
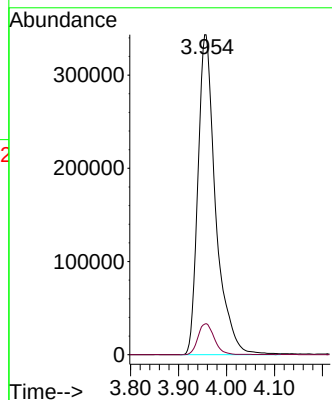
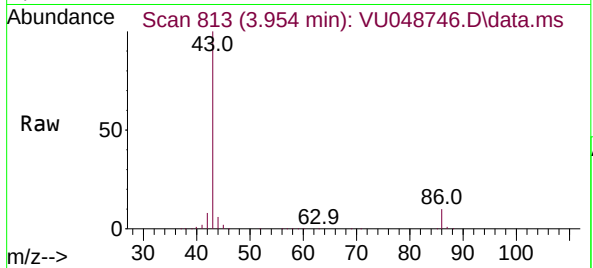




#23  
 Vinyl Acetate  
 Concen: 109.314 ug/l  
 RT: 3.954 min Scan# 813  
 Delta R.T. 0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

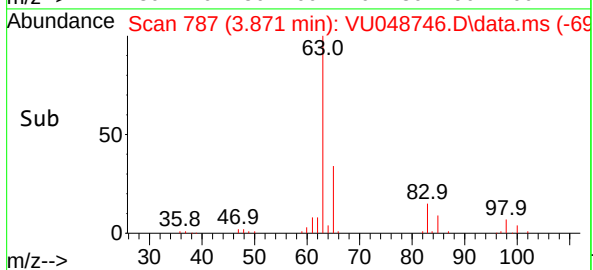
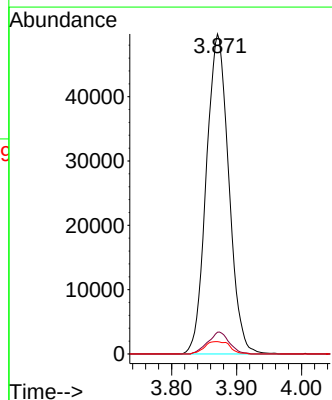
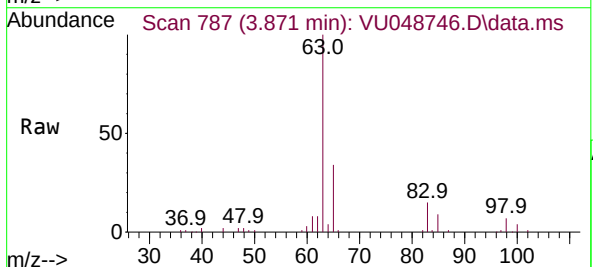
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

Tgt Ion: 43 Resp: 881422  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 8.4 12.6

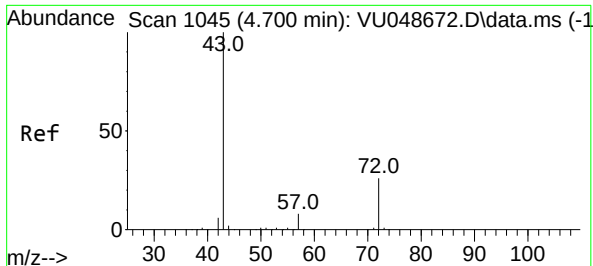


#24  
 1,1-Dichloroethane  
 Concen: 20.432 ug/l  
 RT: 3.871 min Scan# 787  
 Delta R.T. 0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

Tgt Ion: 63 Resp: 119422  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.1 9.3  
 100 3.8 2.0 5.8







#25

2-Butanone

Concen: 111.920 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

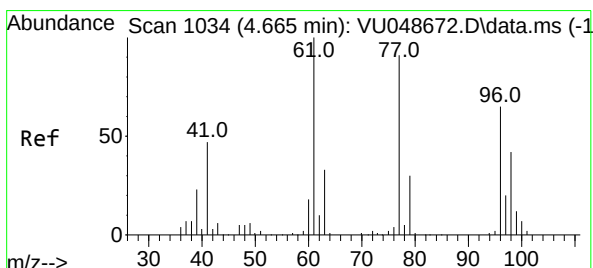
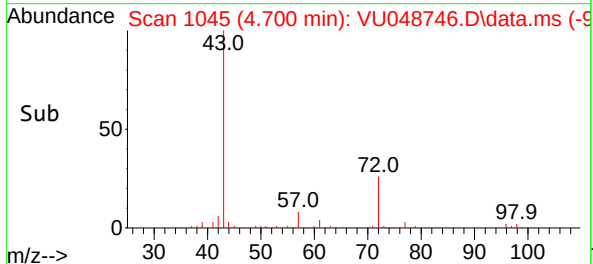
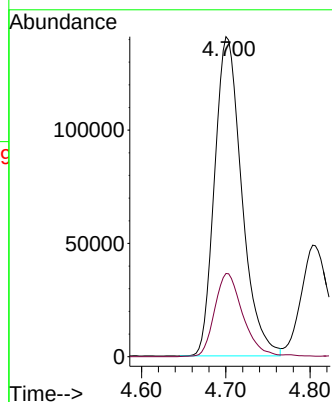
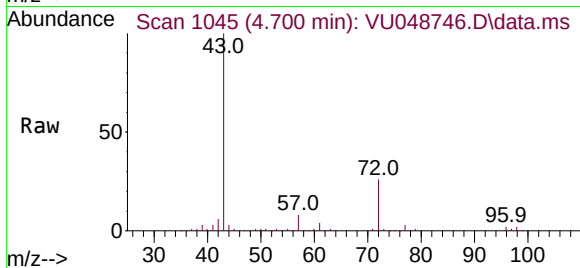
VU0531WBSD01

Tgt Ion: 43 Resp: 314940

Ion Ratio Lower Upper

43 100

72 26.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 17.118 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048746.D

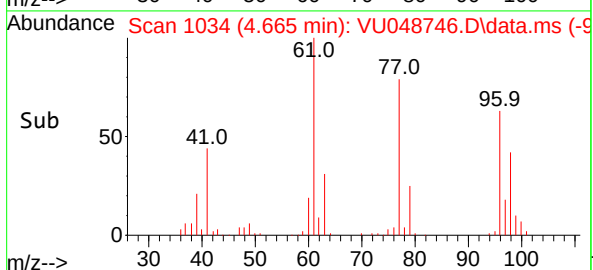
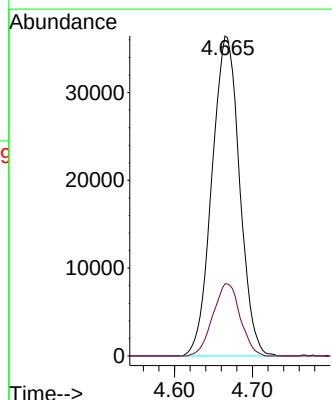
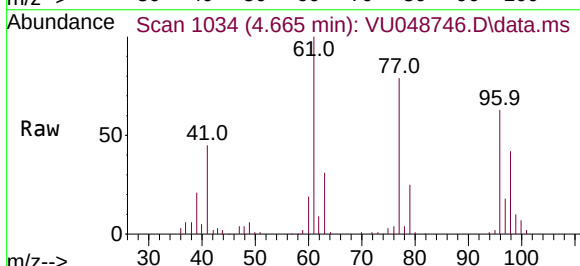
Acq: 31 May 2022 18:18

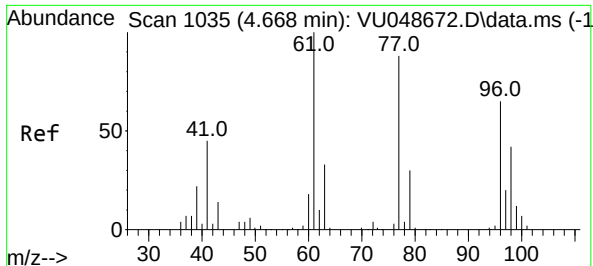
Tgt Ion: 77 Resp: 89765

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.553 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

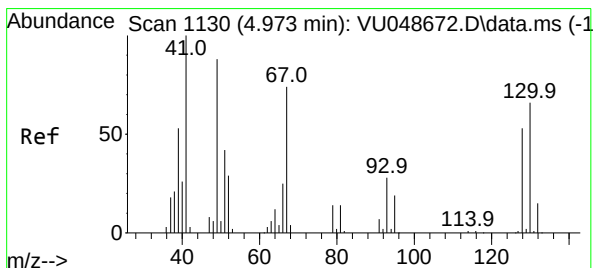
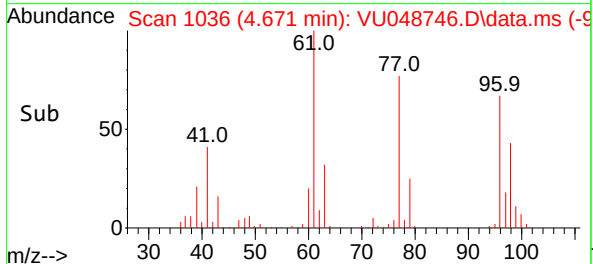
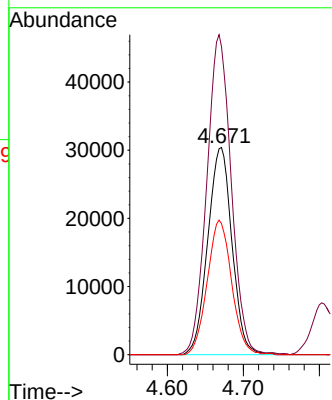
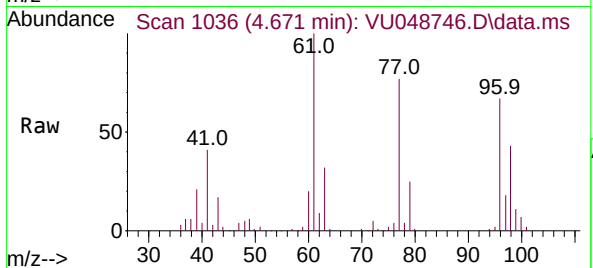
Tgt Ion: 96 Resp: 67438

Ion Ratio Lower Upper

96 100

61 155.0 0.0 306.2

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 22.462 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

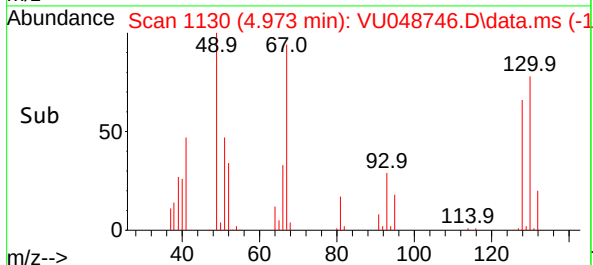
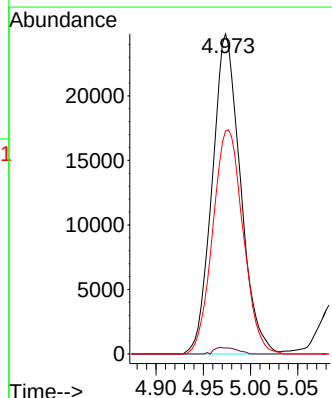
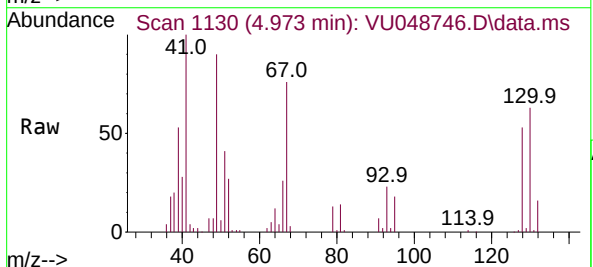
Tgt Ion: 49 Resp: 51496

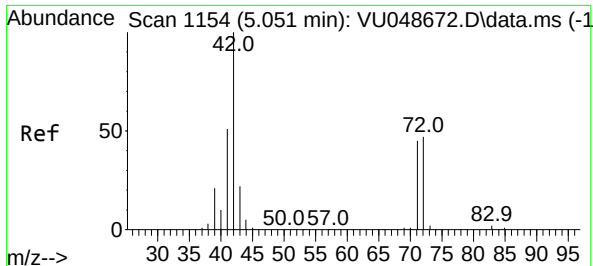
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 75.0 62.1 93.1





#29

Tetrahydrofuran

Concen: 114.632 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

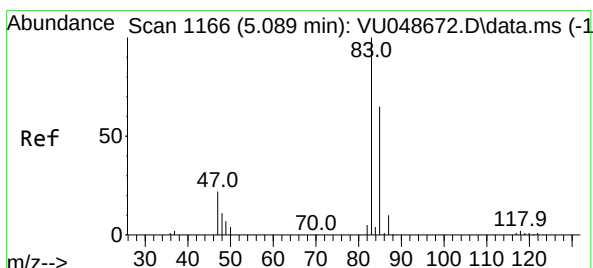
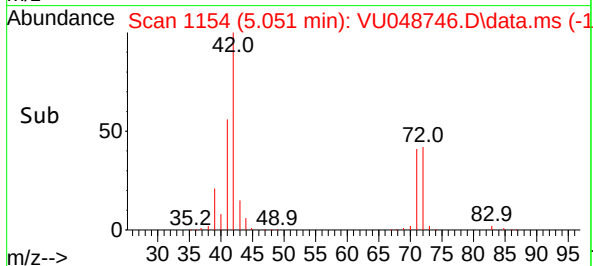
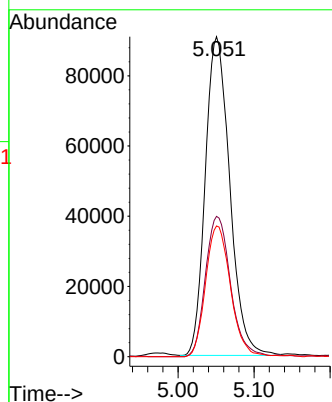
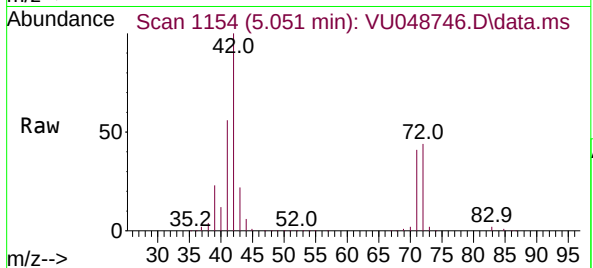
Tgt Ion: 42 Resp: 203186

Ion Ratio Lower Upper

42 100

72 45.1 37.6 56.4

71 41.8 35.0 52.4



#30

Chloroform

Concen: 19.856 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048746.D

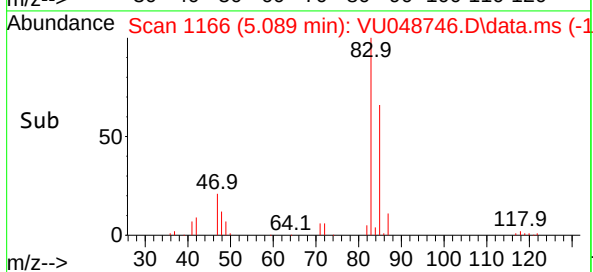
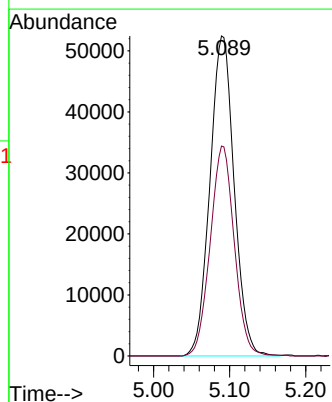
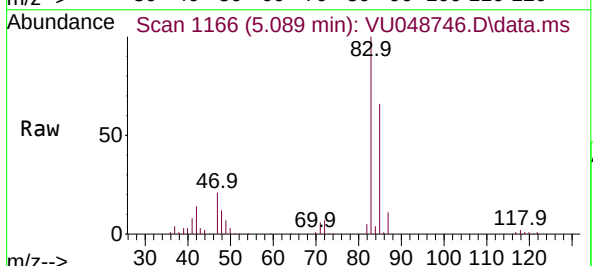
Acq: 31 May 2022 18:18

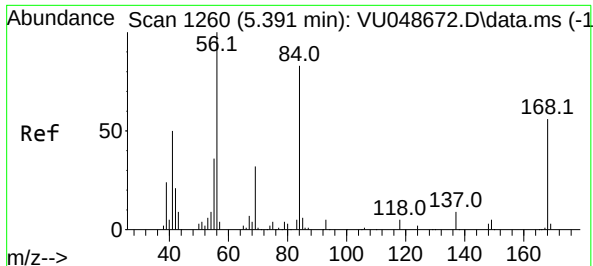
Tgt Ion: 83 Resp: 116122

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

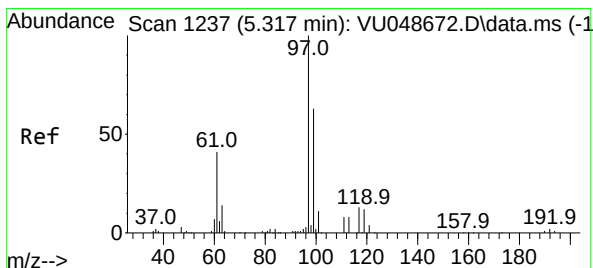
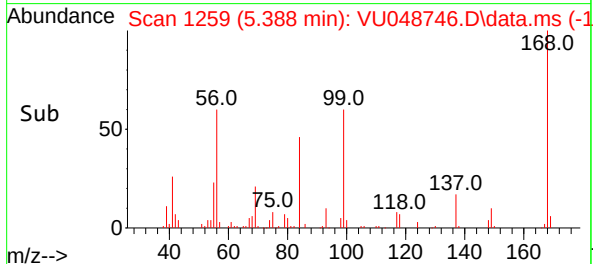
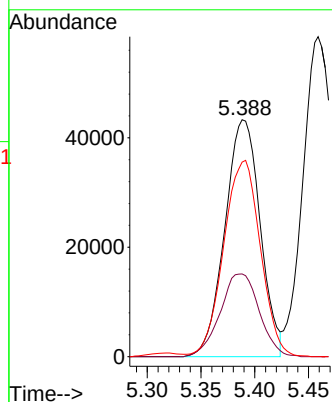
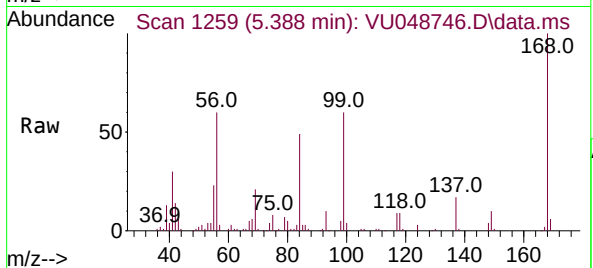




#31  
Cyclohexane  
Concen: 20.449 ug/l  
RT: 5.388 min Scan# 1259  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

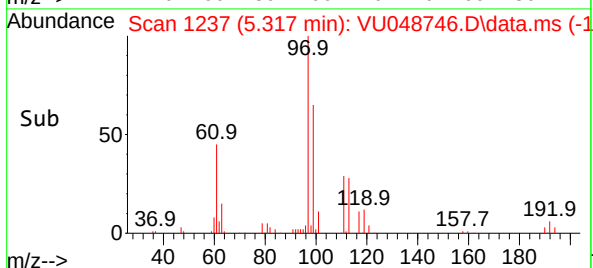
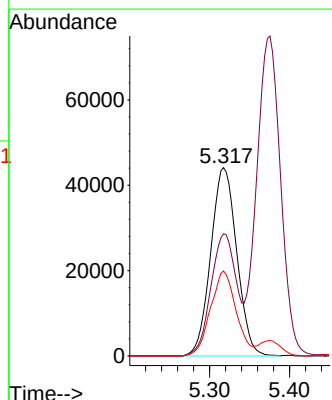
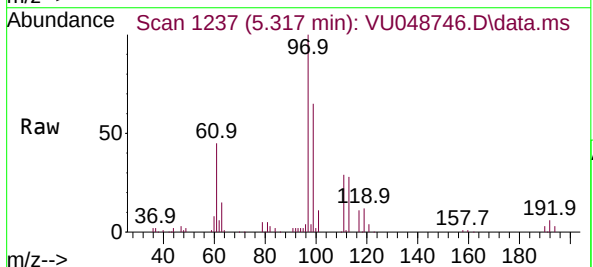
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

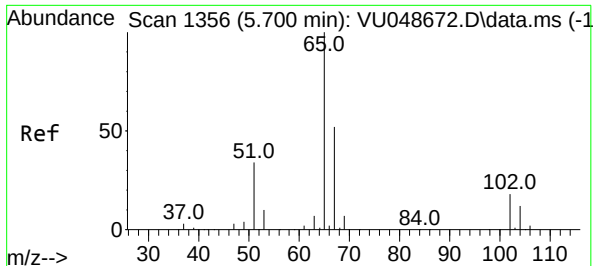
Tgt Ion: 56 Resp: 99051  
Ion Ratio Lower Upper  
56 100  
69 34.9 25.6 38.4  
84 81.0 66.2 99.4



#32  
1,1,1-Trichloroethane  
Concen: 18.806 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 97 Resp: 99782  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.6 77.4  
61 44.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.141 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

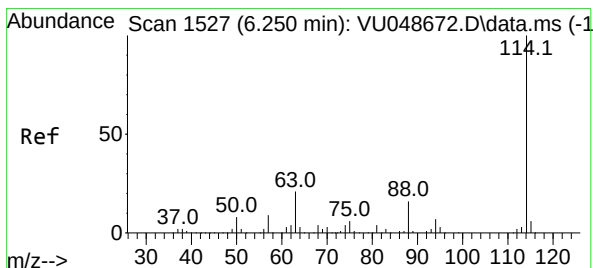
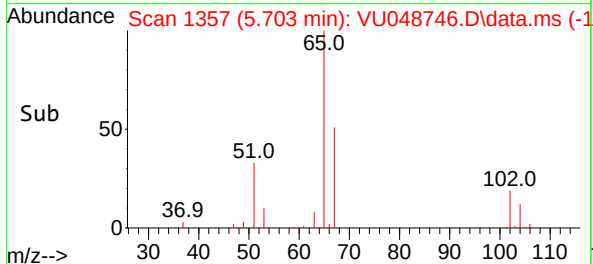
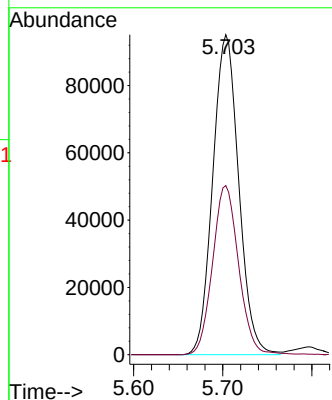
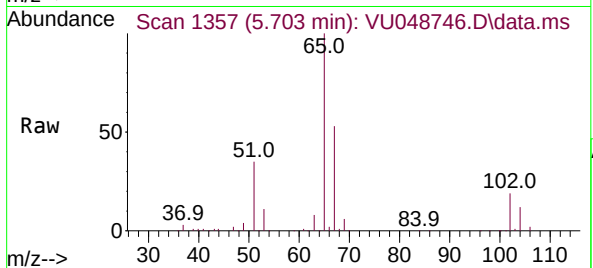
VU0531WBSD01

Tgt Ion: 65 Resp: 192722

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

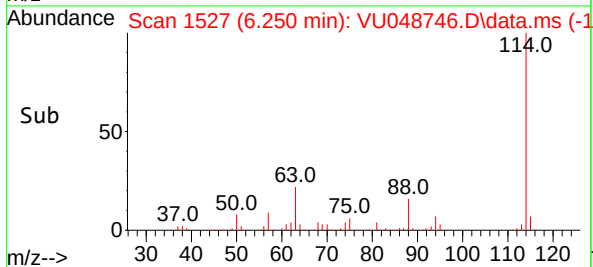
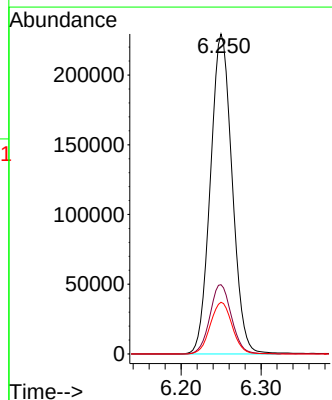
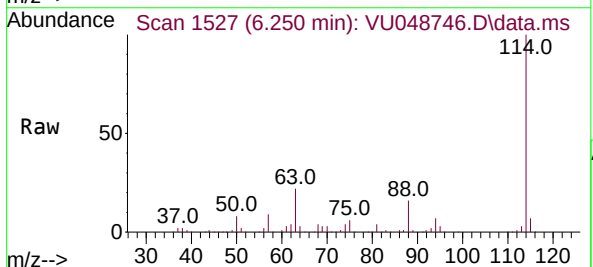
Tgt Ion: 114 Resp: 432694

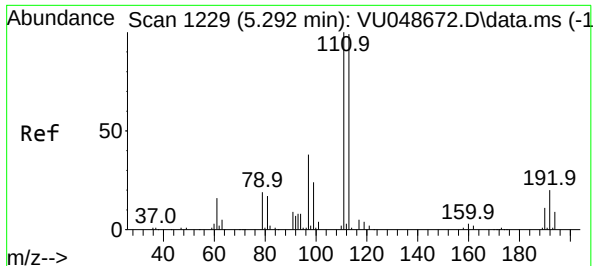
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.2 0.0 32.2

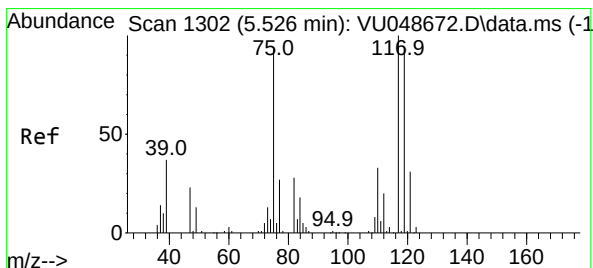
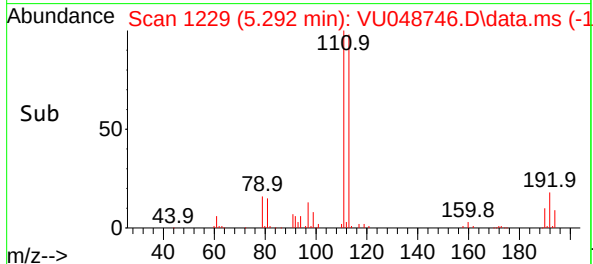
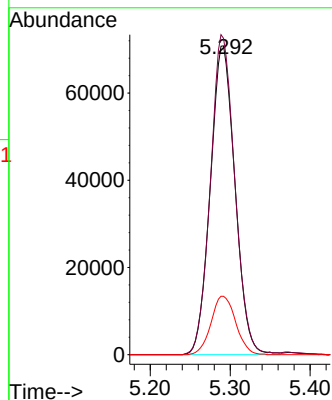
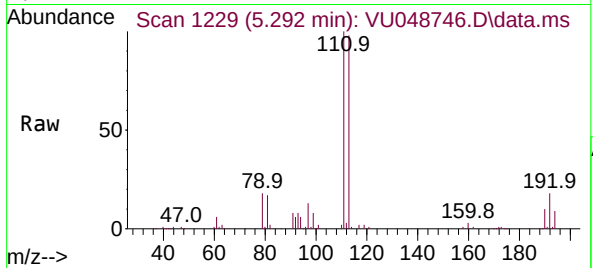




#35  
Dibromofluoromethane  
Concen: 49.120 ug/l  
RT: 5.292 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

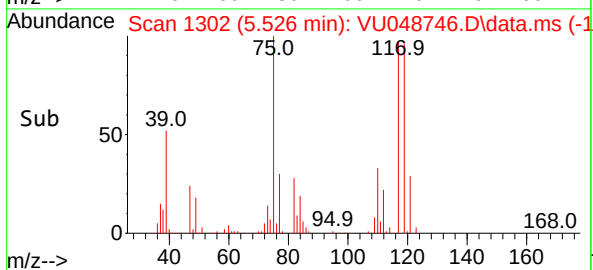
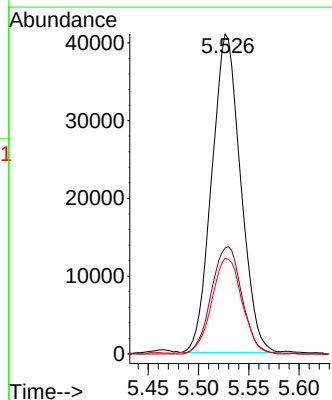
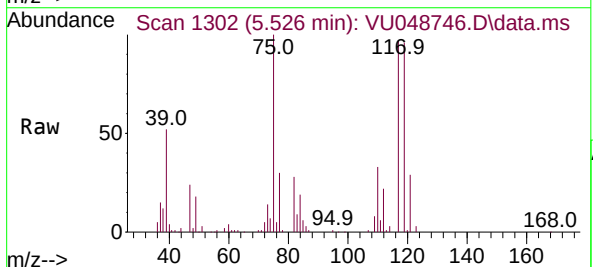
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

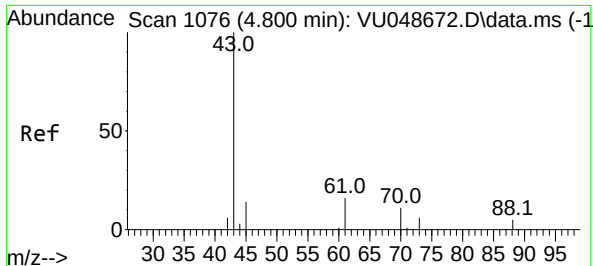
Tgt Ion:113 Resp: 151631  
Ion Ratio Lower Upper  
113 100  
111 102.3 80.7 121.1  
192 19.0 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 18.128 ug/l  
RT: 5.526 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 75 Resp: 81671  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.4 52.3  
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 19.814 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

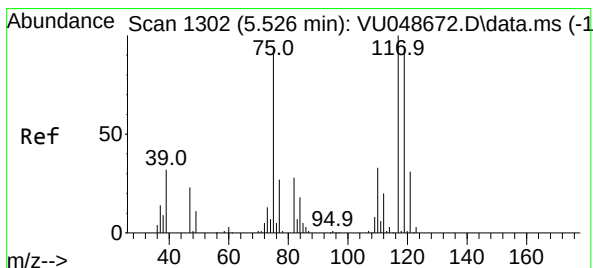
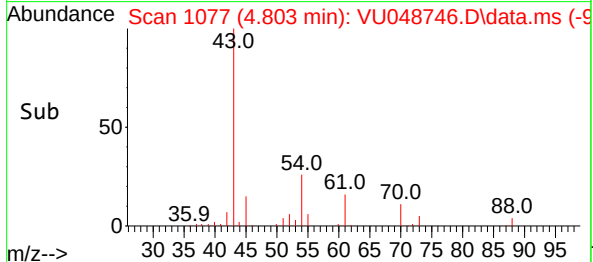
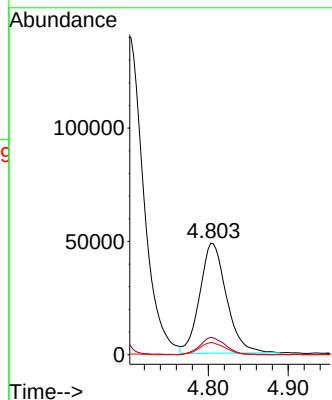
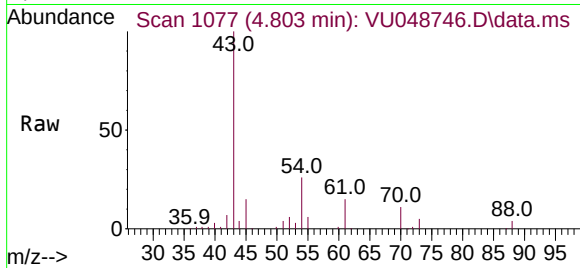
Tgt Ion: 43 Resp: 112854

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

70 10.7 8.4 12.6



#38

Carbon Tetrachloride

Concen: 17.010 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

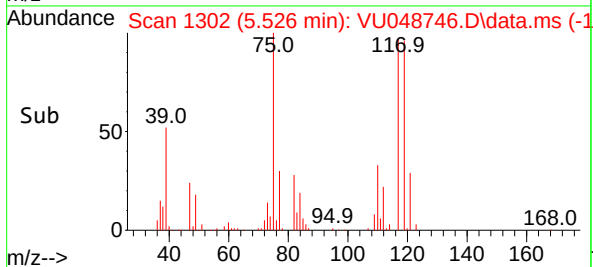
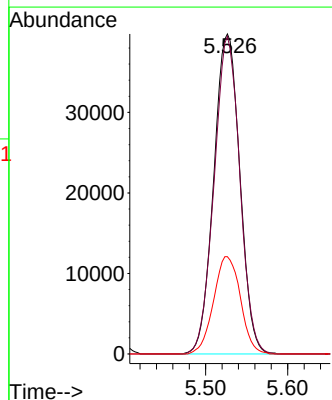
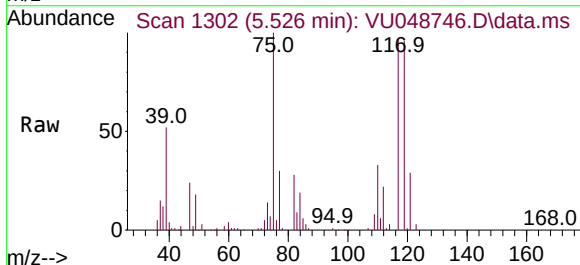
Tgt Ion: 117 Resp: 87922

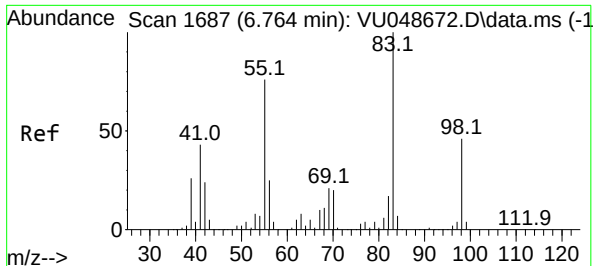
Ion Ratio Lower Upper

117 100

119 99.3 75.4 113.2

121 30.4 24.6 36.8





#39

Methylcyclohexane

Concen: 17.928 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

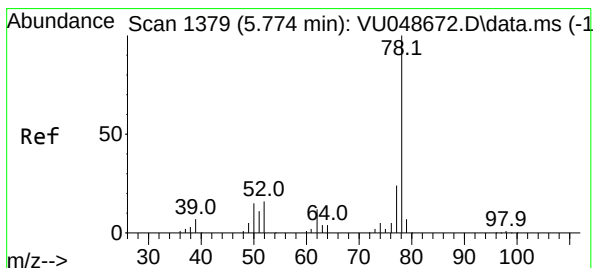
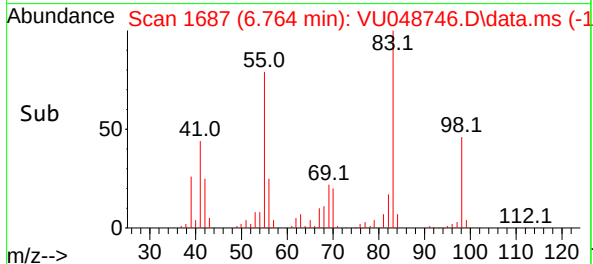
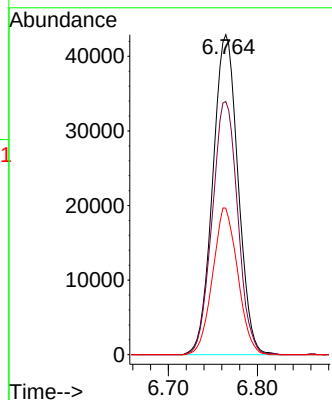
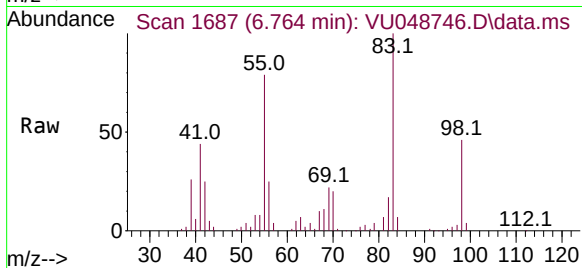
Tgt Ion: 83 Resp: 84692

Ion Ratio Lower Upper

83 100

55 79.1 61.0 91.6

98 45.8 36.8 55.2



#40

Benzene

Concen: 18.743 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048746.D

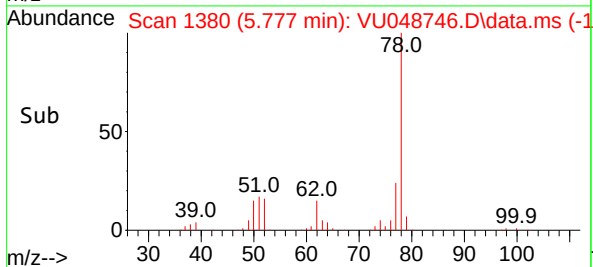
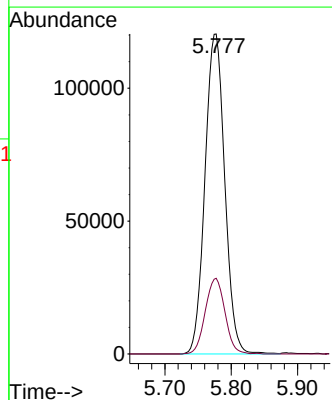
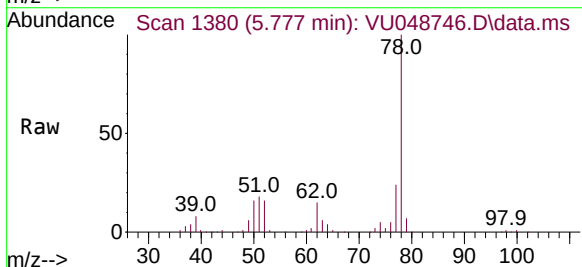
Acq: 31 May 2022 18:18

Tgt Ion: 78 Resp: 249306

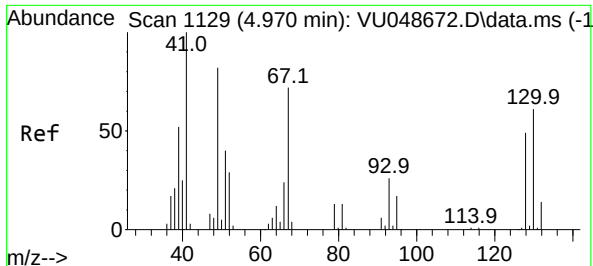
Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6





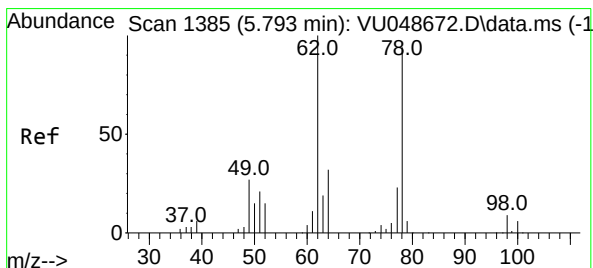
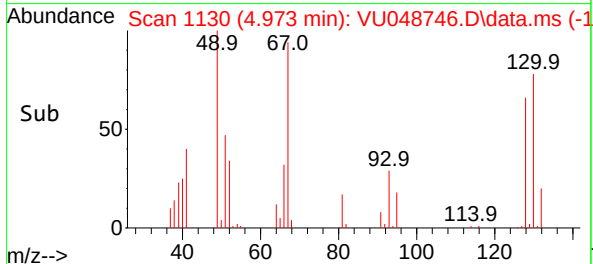
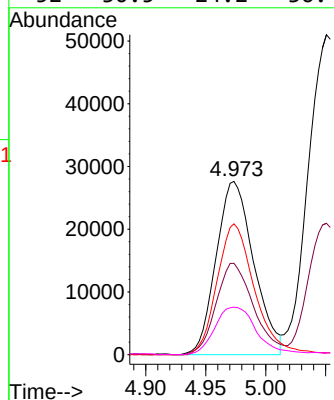
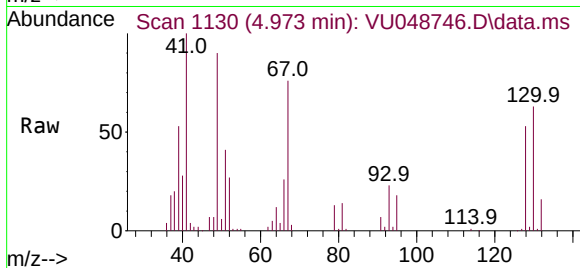


#41  
Methacrylonitrile  
Concen: 20.943 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

Tgt Ion: 41 Resp: 60277

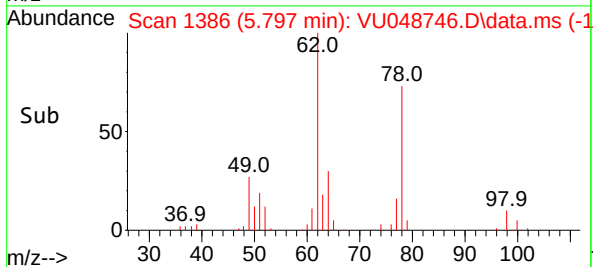
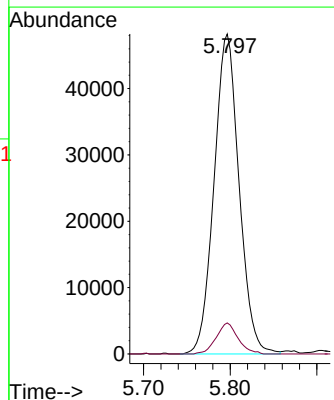
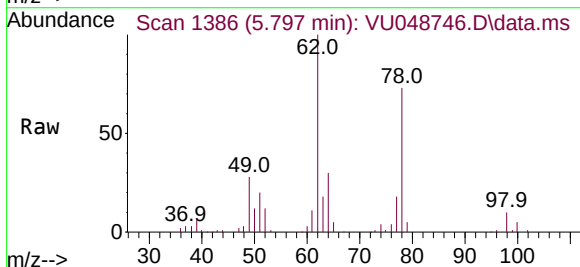
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.7  | 42.6  | 64.0  |
| 67  | 76.0  | 61.0  | 91.4  |
| 52  | 30.5  | 24.2  | 36.4  |

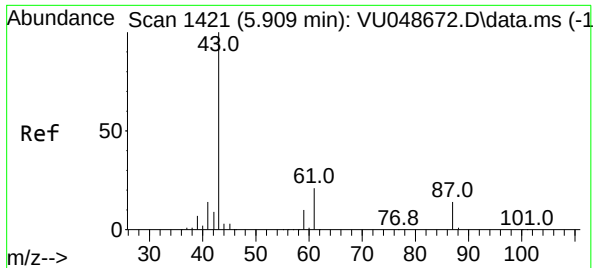


#42  
1,2-Dichloroethane  
Concen: 18.586 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. 0.004 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 62 Resp: 96770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.4   | 0.0   | 17.0  |

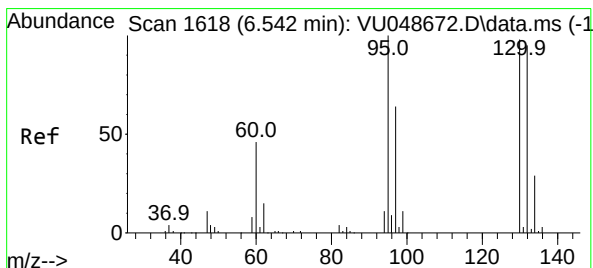
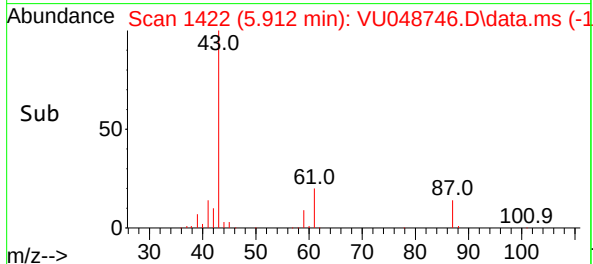
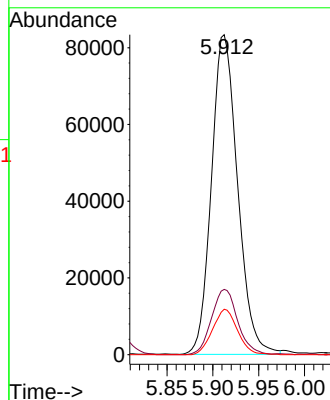
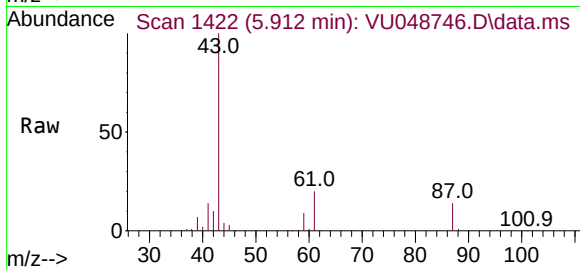




#43  
Isopropyl Acetate  
Concen: 19.988 ug/l  
RT: 5.912 min Scan# 1421  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

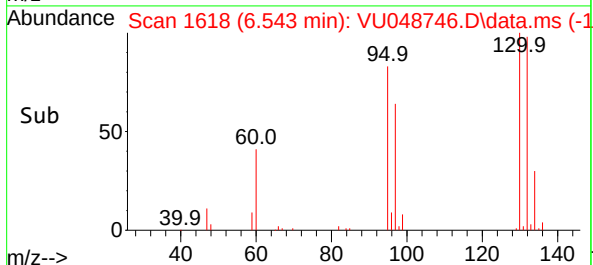
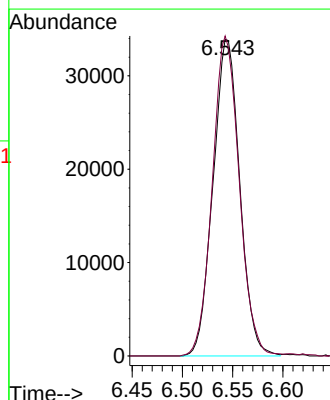
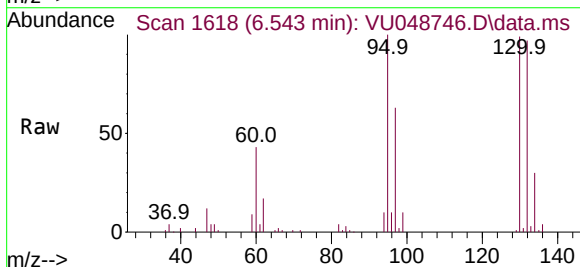
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

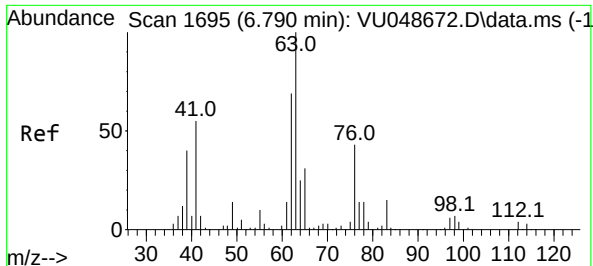
Tgt Ion: 43 Resp: 165234  
Ion Ratio Lower Upper  
43 100  
61 20.5 16.7 25.1  
87 13.6 10.9 16.3



#44  
Trichloroethene  
Concen: 18.305 ug/l  
RT: 6.543 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:130 Resp: 62727  
Ion Ratio Lower Upper  
130 100  
95 101.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.361 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

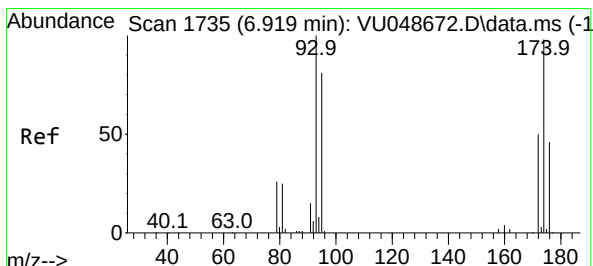
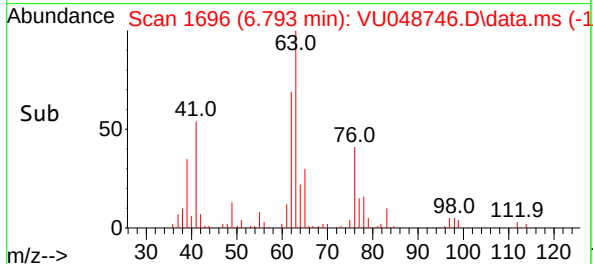
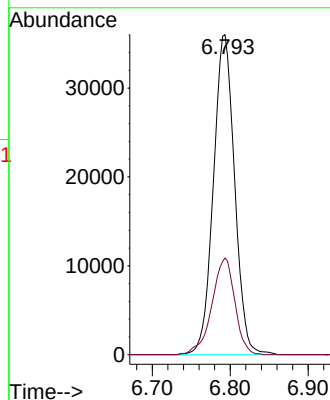
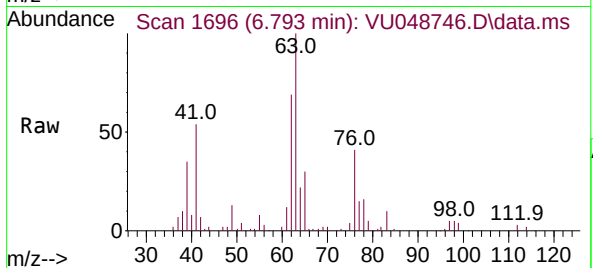
VU0531WBSD01

Tgt Ion: 63 Resp: 68179

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



#46

Dibromomethane

Concen: 18.671 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

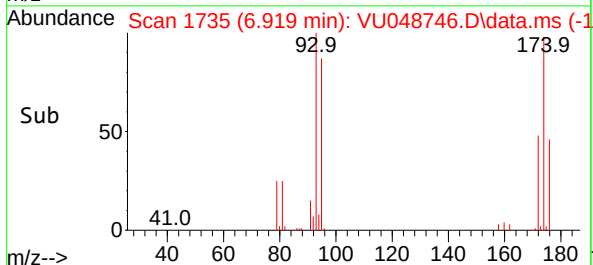
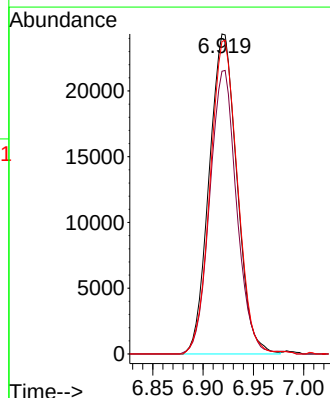
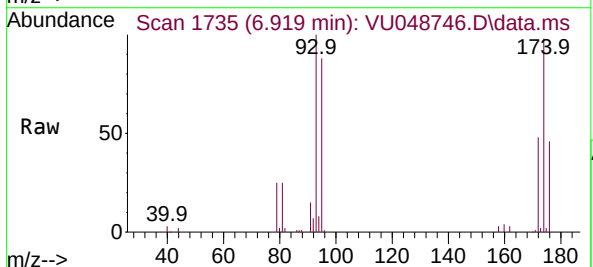
Tgt Ion: 93 Resp: 46710

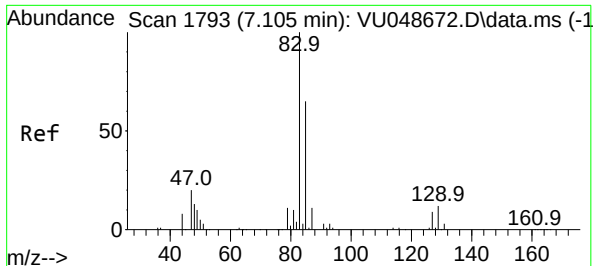
Ion Ratio Lower Upper

93 100

95 85.8 65.1 97.7

174 96.4 77.8 116.6

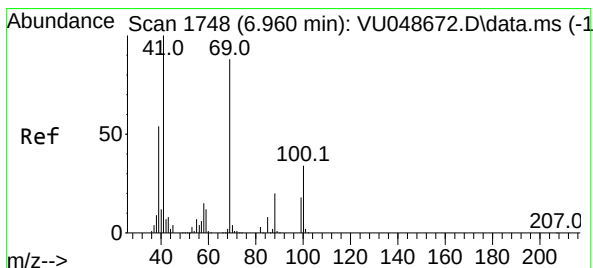
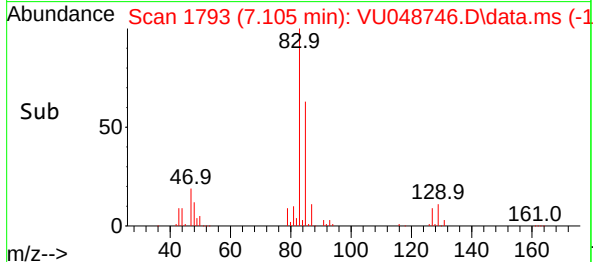
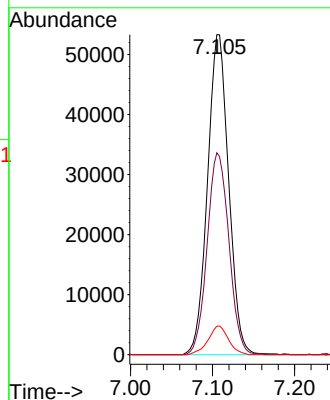
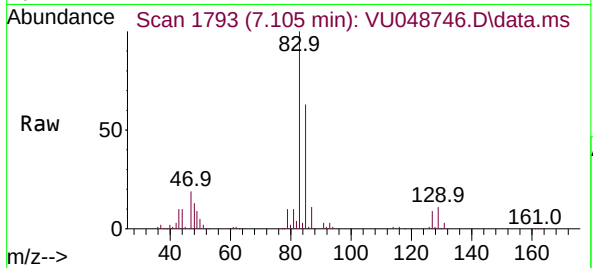




#47  
Bromodichloromethane  
Concen: 18.909 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

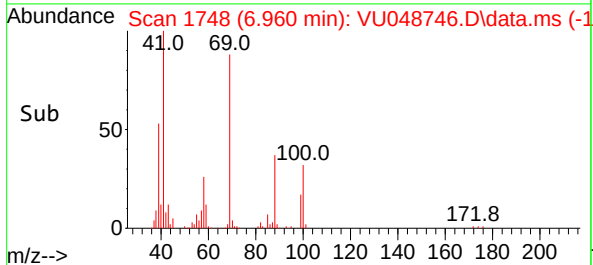
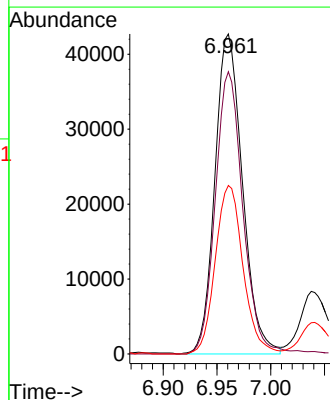
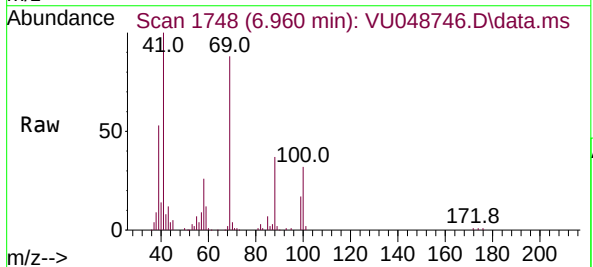
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

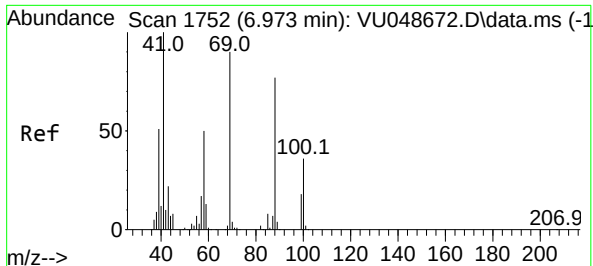
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 95665 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.1  | 52.1  | 78.1  |
| 127      | 8.9   | 6.9   | 10.3  |



#48  
Methyl methacrylate  
Concen: 20.563 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 76309 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.7  | 70.7  | 106.1 |
| 39       | 53.0  | 43.4  | 65.2  |





#49

1,4-Dioxane

Concen: 366.063 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

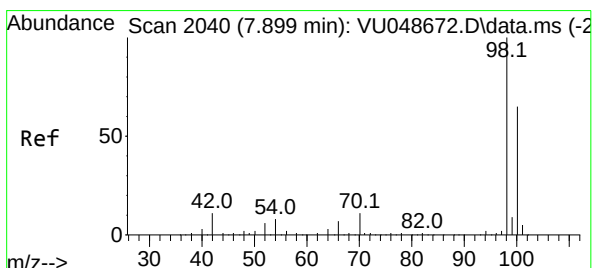
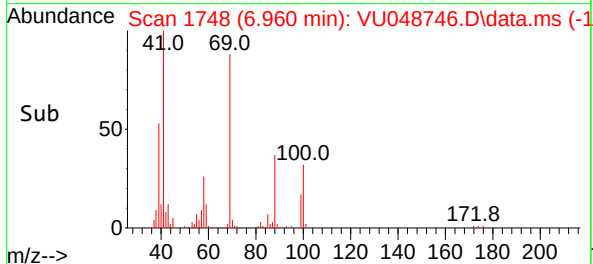
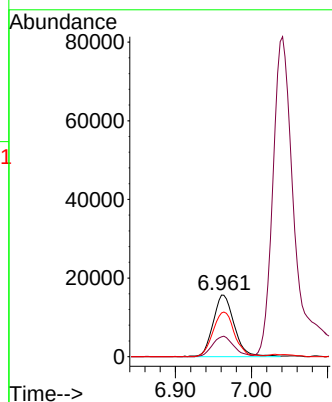
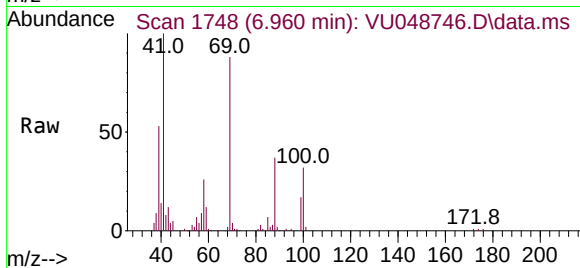
Tgt Ion: 88 Resp: 30368

Ion Ratio Lower Upper

88 100

43 33.5 24.6 36.8

58 73.5 54.7 82.1



#50

Toluene-d8

Concen: 49.264 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048746.D

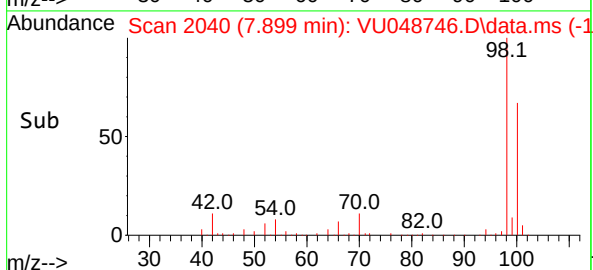
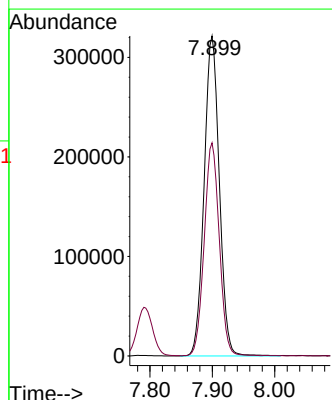
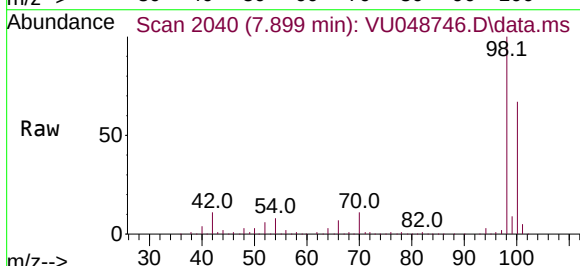
Acq: 31 May 2022 18:18

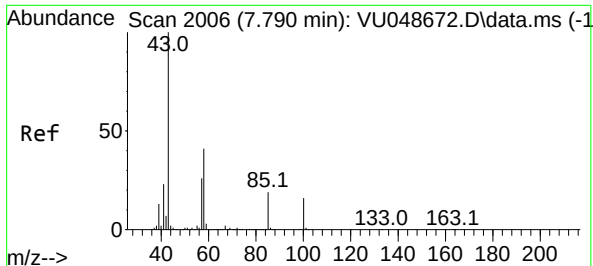
Tgt Ion: 98 Resp: 545133

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4

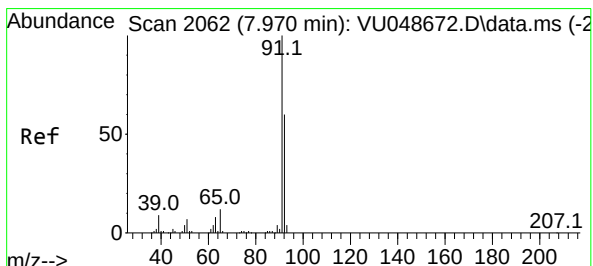
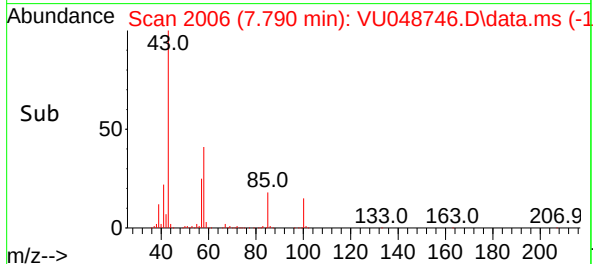
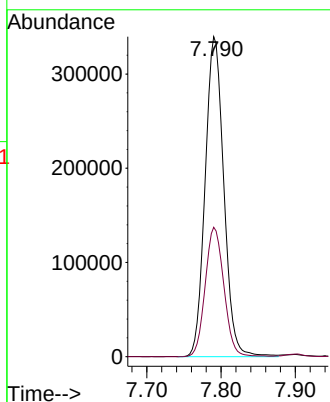
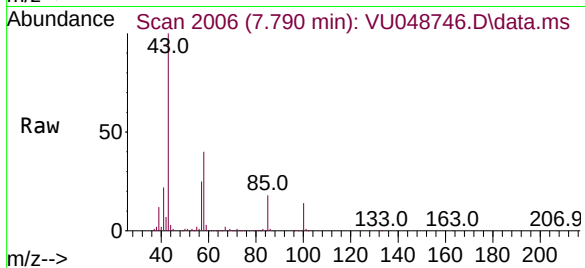




#51  
4-Methyl-2-Pentanone  
Concen: 110.351 ug/l  
RT: 7.790 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

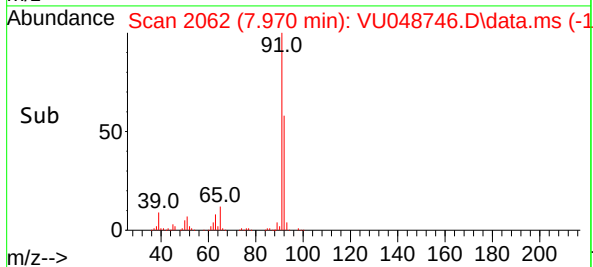
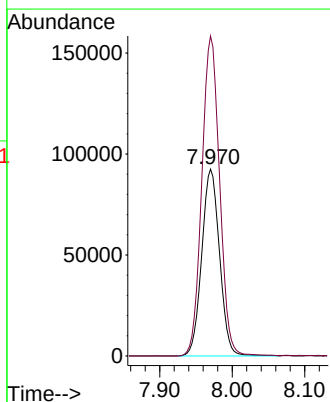
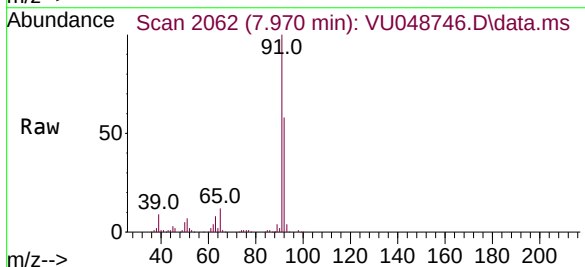
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

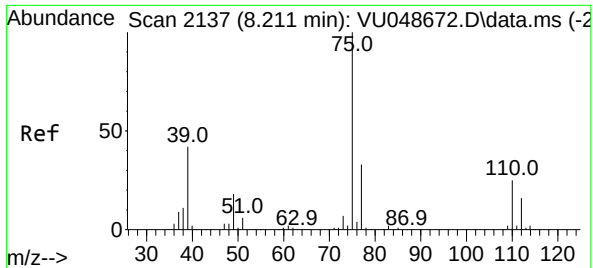
Tgt Ion: 43 Resp: 592331  
Ion Ratio Lower Upper  
43 100  
58 40.5 32.7 49.1



#52  
Toluene  
Concen: 19.805 ug/l  
RT: 7.970 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 92 Resp: 157567  
Ion Ratio Lower Upper  
92 100  
91 171.6 135.0 202.4

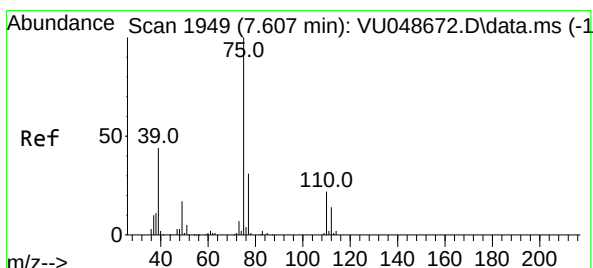
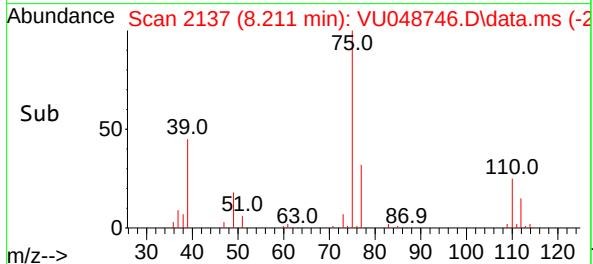
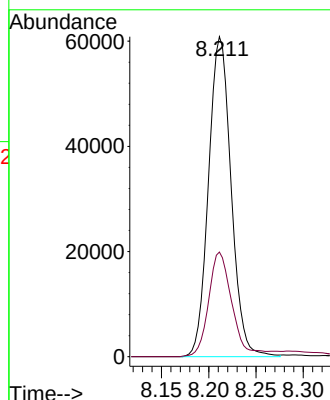
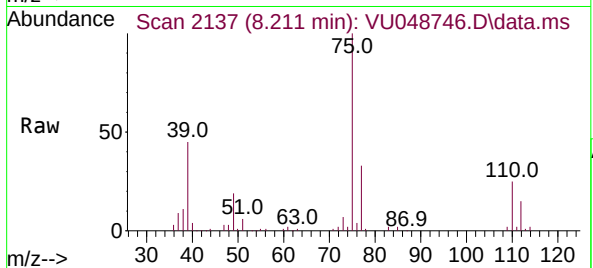




#53  
 t-1,3-Dichloropropene  
 Concen: 18.516 ug/l  
 RT: 8.211 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

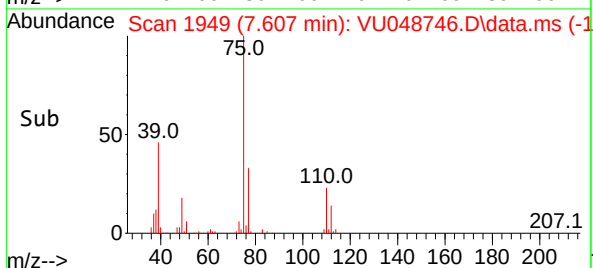
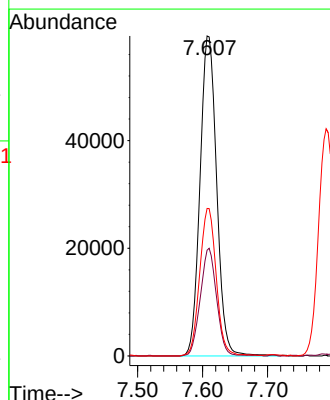
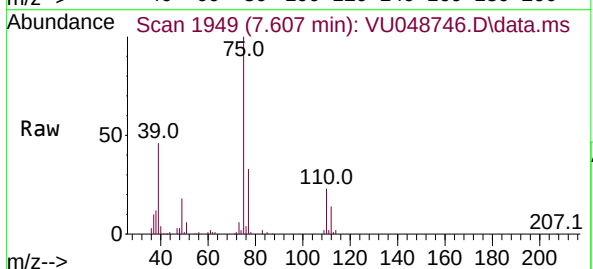
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

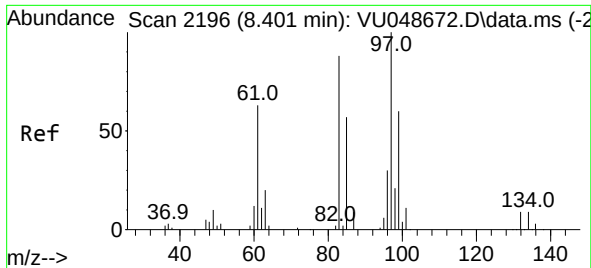
Tgt Ion: 75 Resp: 101052  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 26.2 39.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.769 ug/l  
 RT: 7.607 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

Tgt Ion: 75 Resp: 106144  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 24.9 37.3  
 39 46.1 35.2 52.8

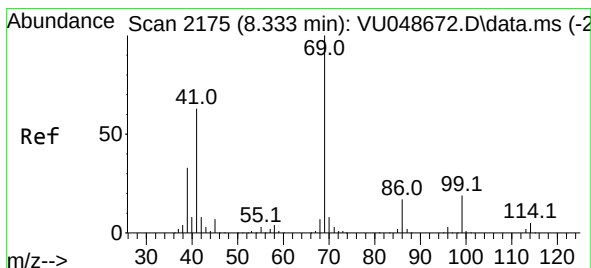
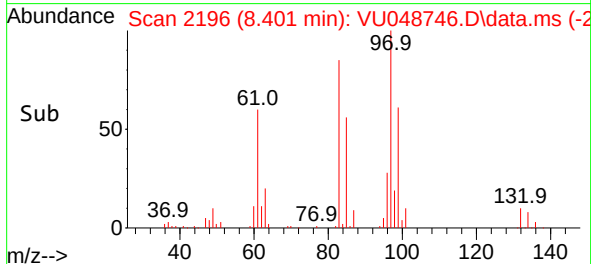
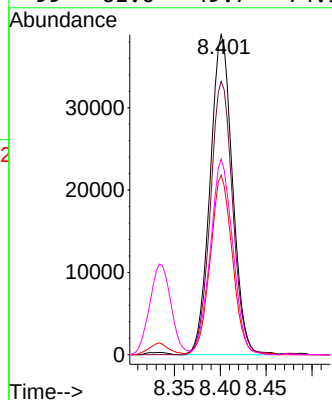
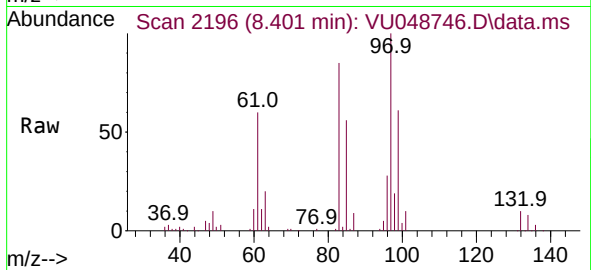




#55  
1,1,2-Trichloroethane  
Concen: 18.841 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

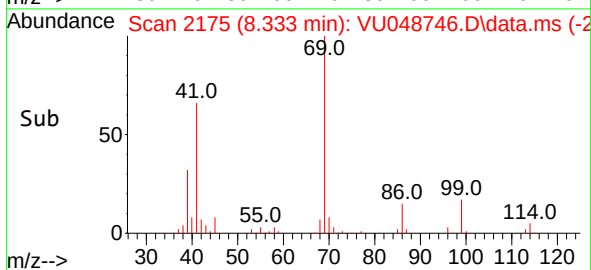
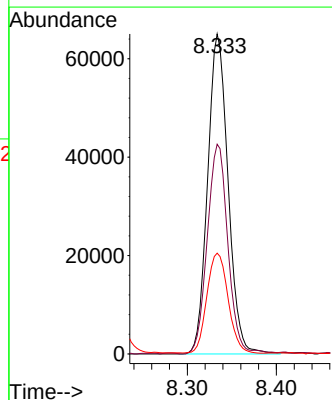
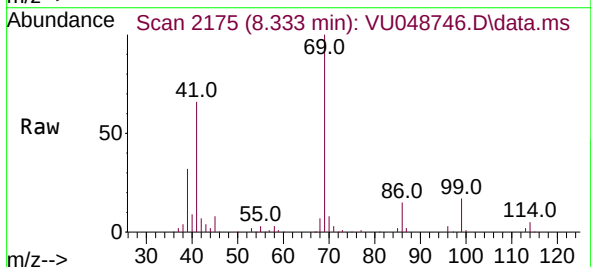
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 66157 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 70.2  | 105.4 |
| 85       | 56.0  | 45.6  | 68.4  |
| 99       | 61.0  | 49.7  | 74.5  |

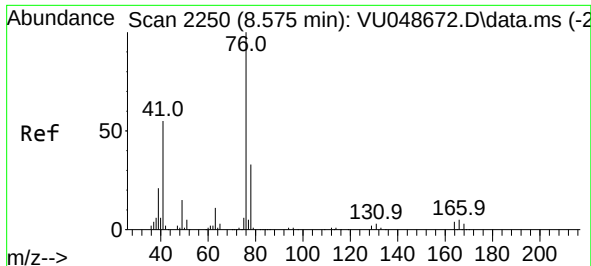


#56  
Ethyl methacrylate  
Concen: 20.319 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 103661 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.3  | 50.6  | 76.0   |
| 39       | 32.4  | 26.6  | 40.0   |







#57

1,3-Dichloropropane

Concen: 18.937 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

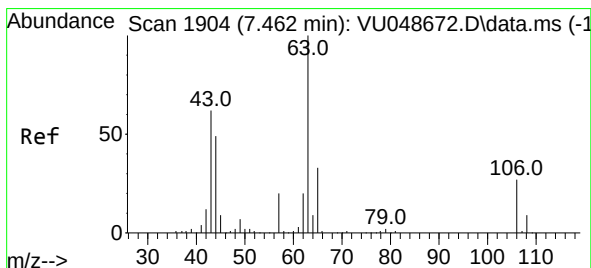
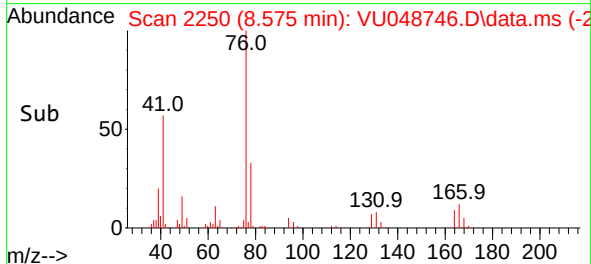
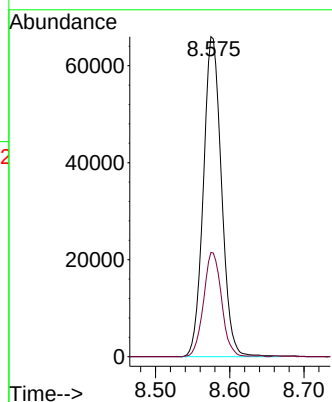
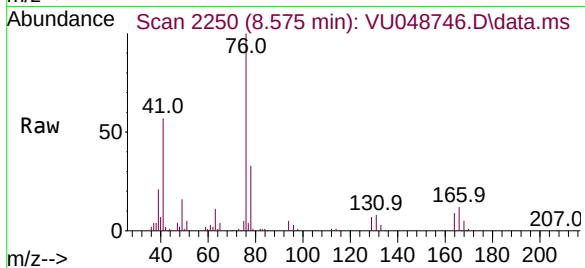
VU0531WBSD01

Tgt Ion: 76 Resp: 111913

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.185 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048746.D

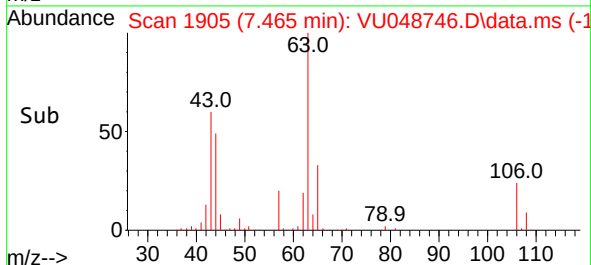
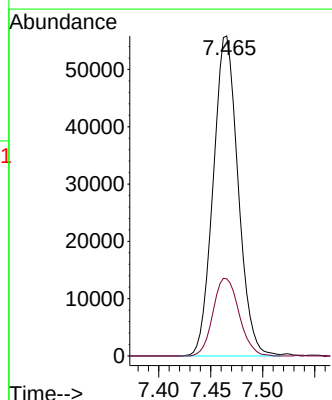
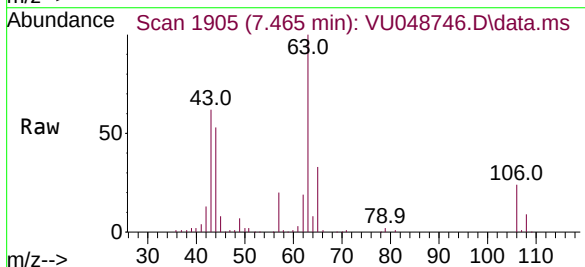
Acq: 31 May 2022 18:18

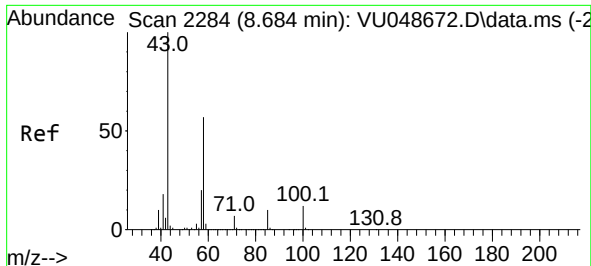
Tgt Ion: 63 Resp: 93174

Ion Ratio Lower Upper

63 100

106 25.4 22.2 33.2

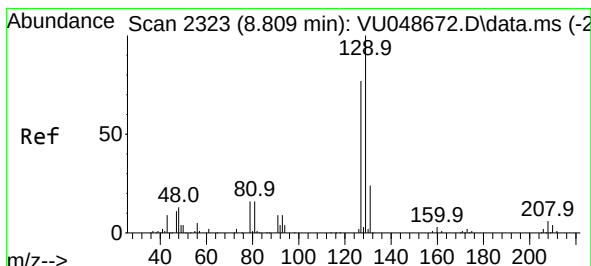
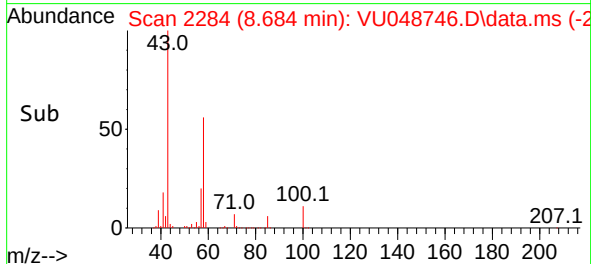
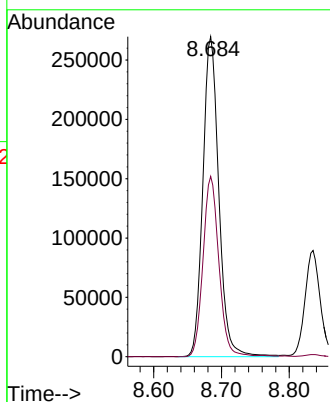
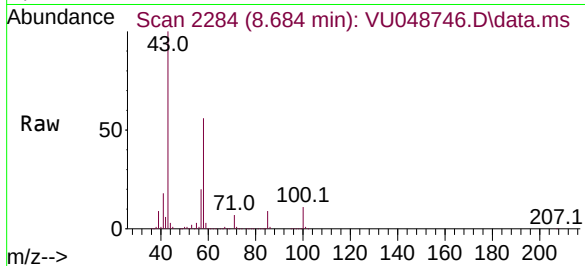




#59  
2-Hexanone  
Concen: 100.014 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

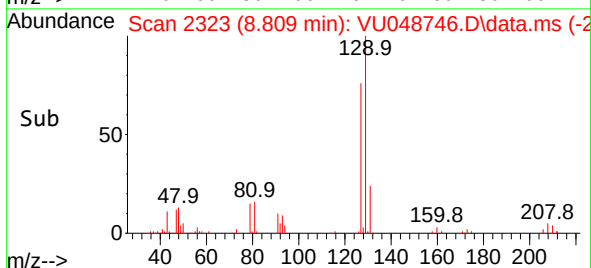
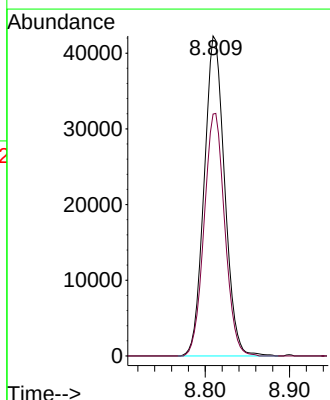
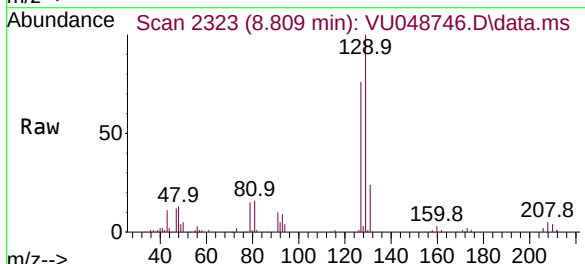
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

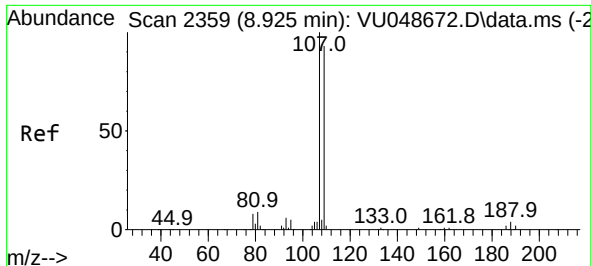
Tgt Ion: 43 Resp: 440735  
Ion Ratio Lower Upper  
43 100  
58 55.9 28.2 84.6



#60  
Dibromochloromethane  
Concen: 18.147 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 129 Resp: 71426  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.5 115.3

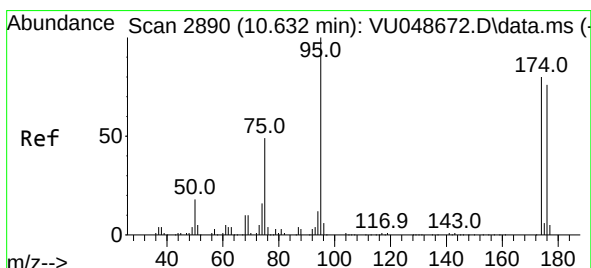
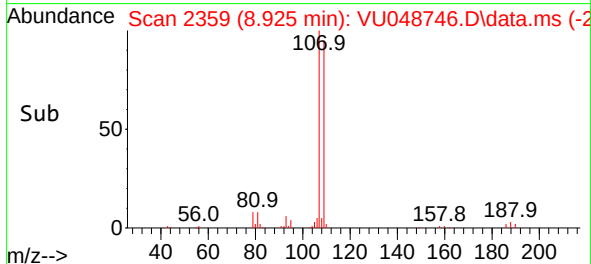
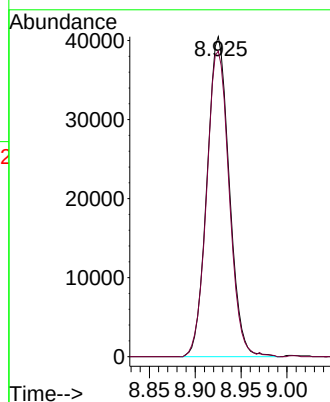
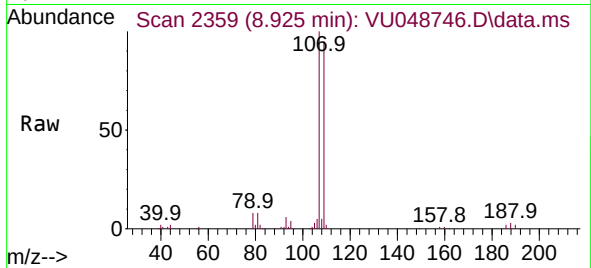




#61  
1,2-Dibromoethane  
Concen: 17.703 ug/l  
RT: 8.925 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

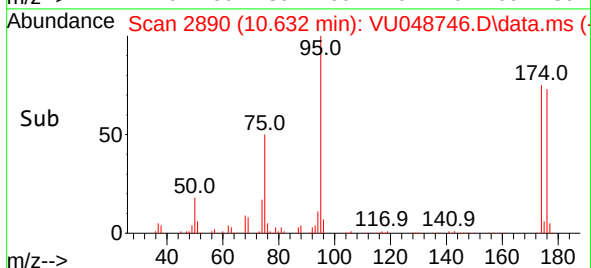
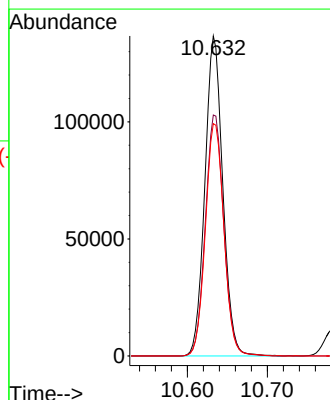
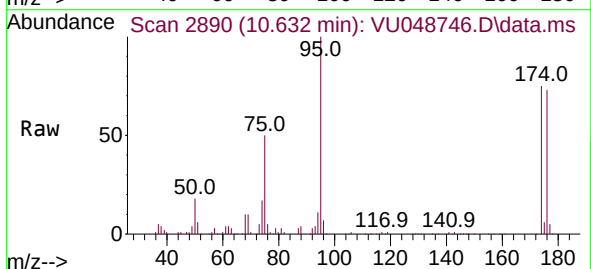
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

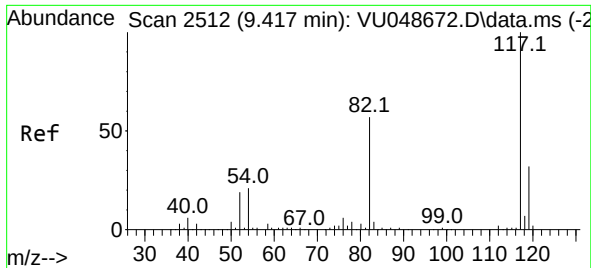
Tgt Ion:107 Resp: 68456  
Ion Ratio Lower Upper  
107 100  
109 96.6 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 50.894 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 95 Resp: 212984  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 159.4  
176 75.3 0.0 152.4

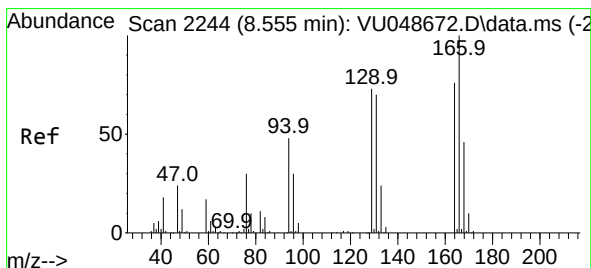
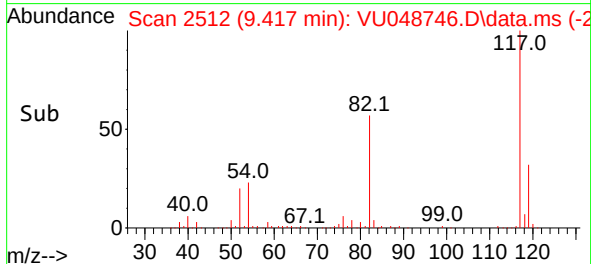
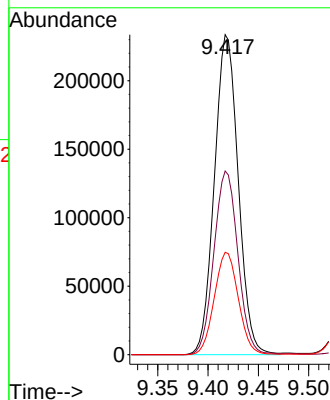
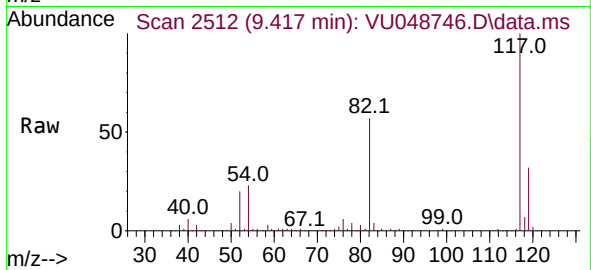




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

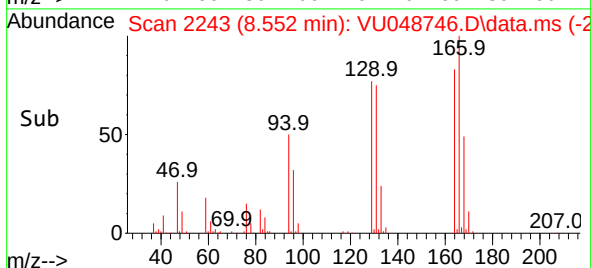
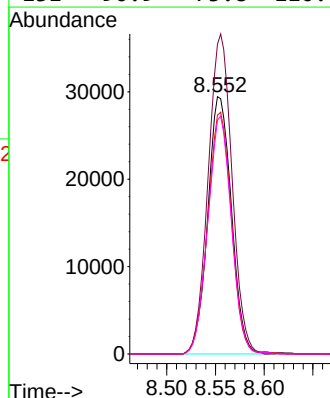
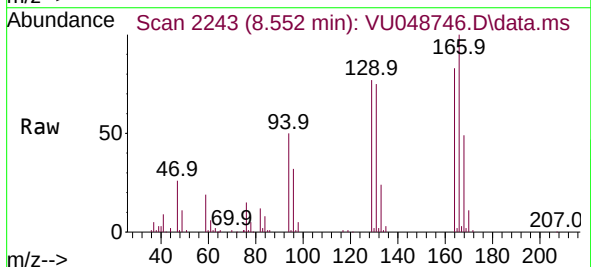
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

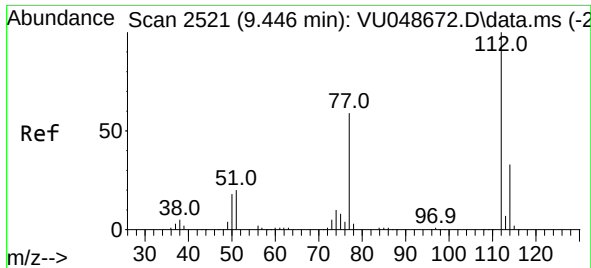
Tgt Ion:117 Resp: 385881  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.3 67.9  
119 32.0 25.4 38.2



#64  
Tetrachloroethene  
Concen: 17.881 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:164 Resp: 49821  
Ion Ratio Lower Upper  
164 100  
166 120.4 105.0 157.4  
129 92.9 76.5 114.7  
131 90.9 73.8 110.6

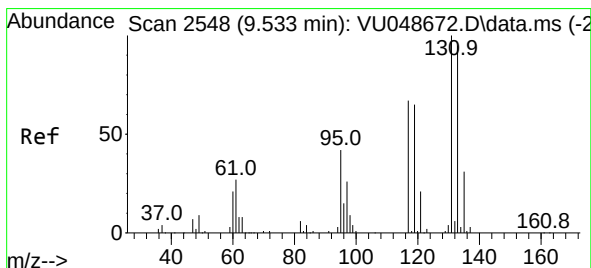
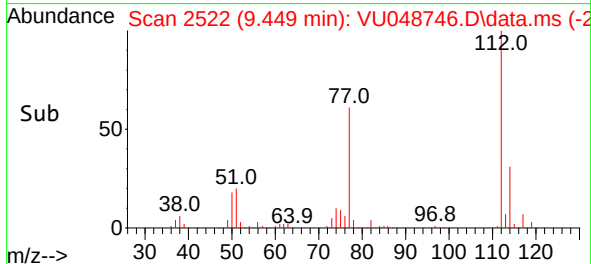
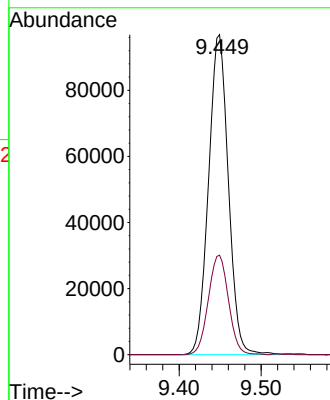
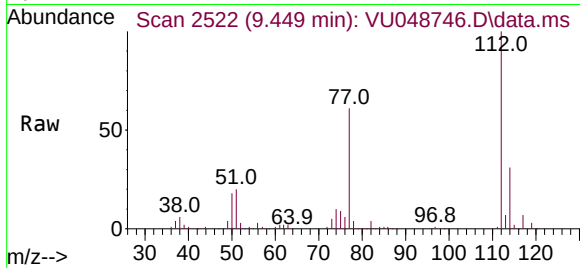




#65  
Chlorobenzene  
Concen: 19.891 ug/l  
RT: 9.449 min Scan# 2521  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

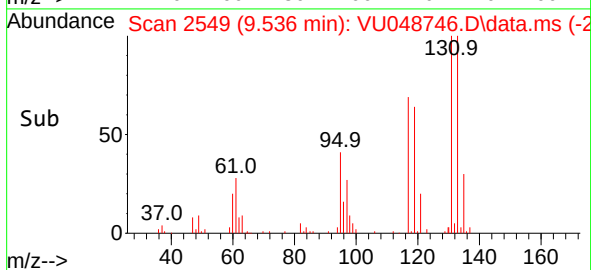
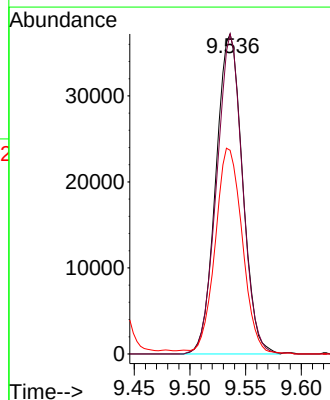
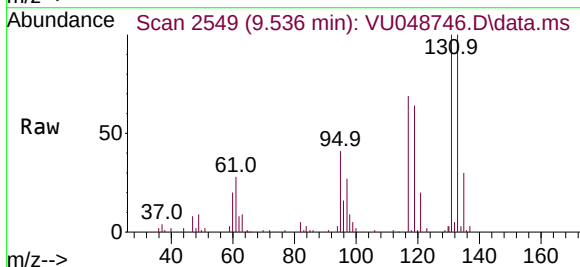
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

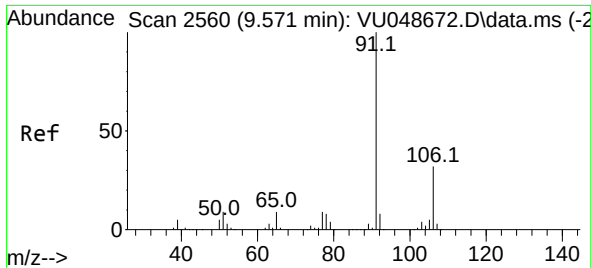
Tgt Ion:112 Resp: 162337  
Ion Ratio Lower Upper  
112 100  
114 31.1 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.968 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:131 Resp: 61860  
Ion Ratio Lower Upper  
131 100  
133 96.7 48.5 145.5  
119 65.5 32.7 98.1





#67

Ethyl Benzene

Concen: 20.713 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

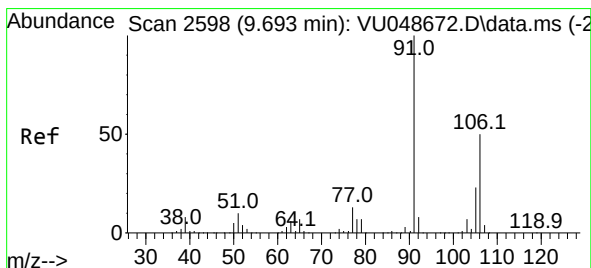
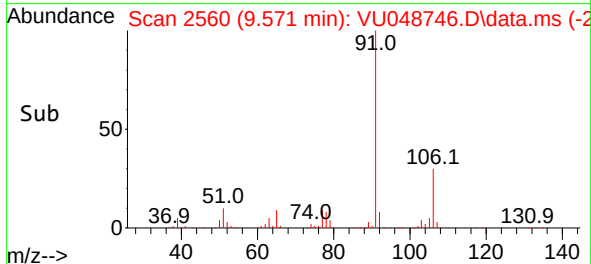
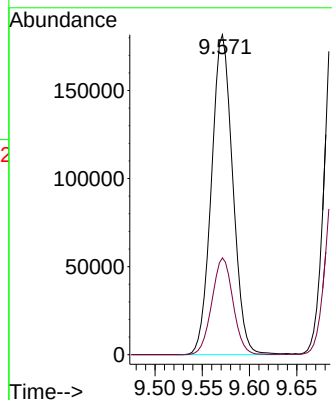
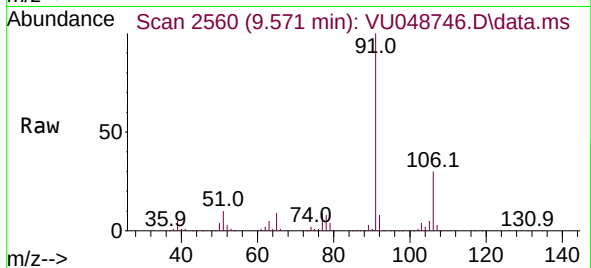
VU0531WBSD01

Tgt Ion: 91 Resp: 285112

Ion Ratio Lower Upper

91 100

106 30.2 25.4 38.2



#68

m/p-Xylenes

Concen: 41.020 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048746.D

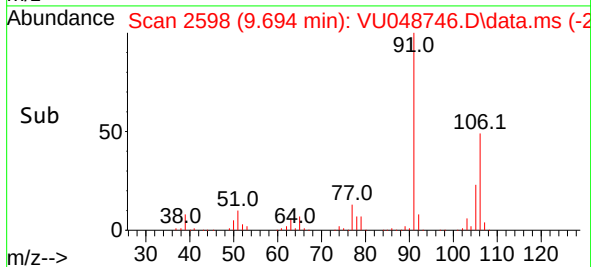
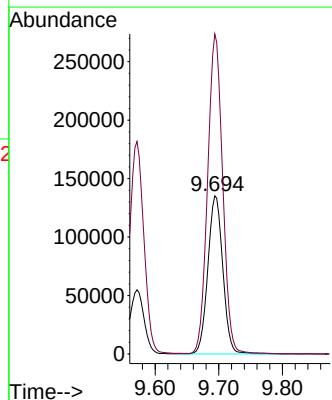
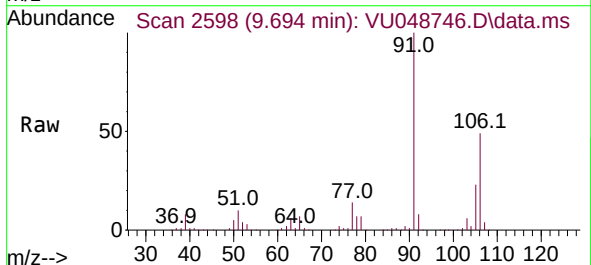
Acq: 31 May 2022 18:18

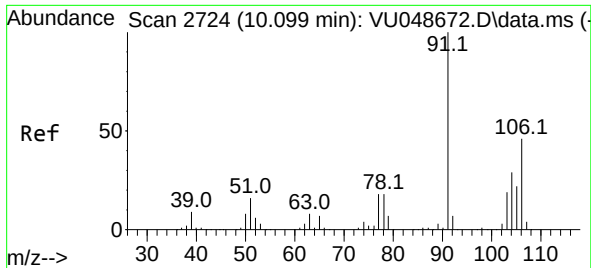
Tgt Ion: 106 Resp: 220839

Ion Ratio Lower Upper

106 100

91 203.4 162.4 243.6

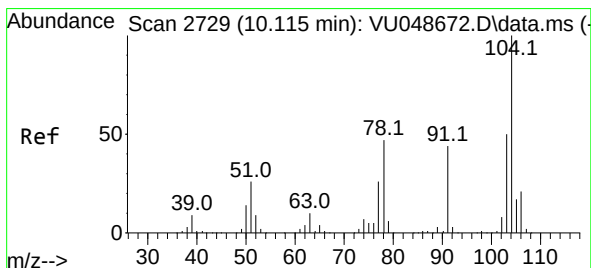
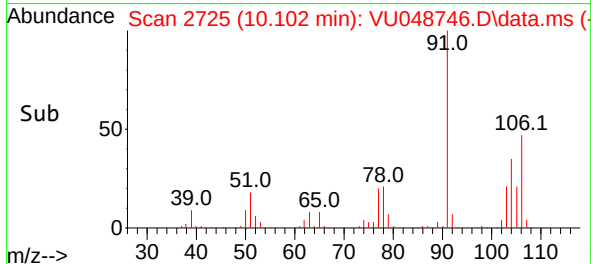
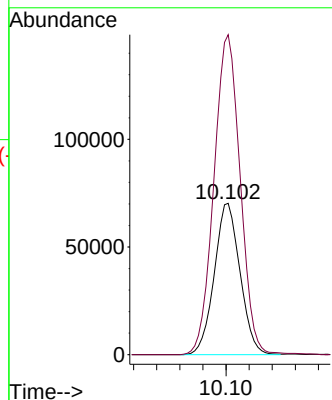
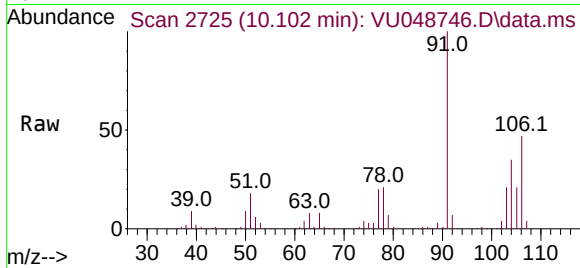




#69  
o-Xylene  
Concen: 20.561 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

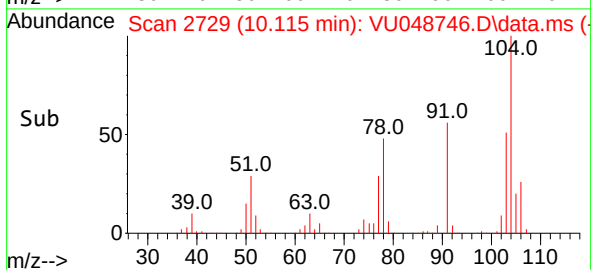
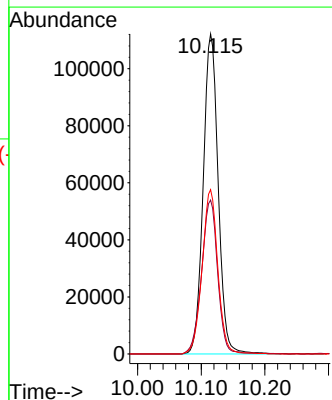
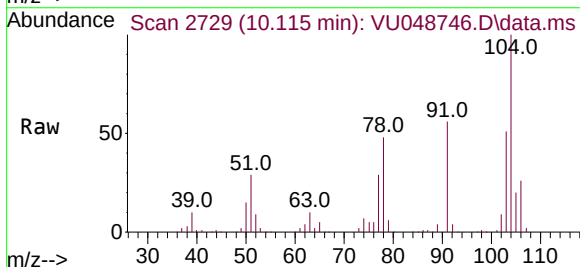
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

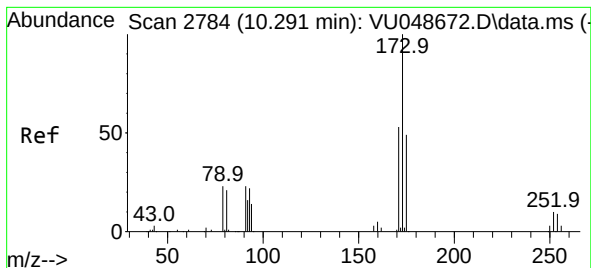
Tgt Ion:106 Resp: 108750  
Ion Ratio Lower Upper  
106 100  
91 216.2 107.7 323.3



#70  
Styrene  
Concen: 21.060 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:104 Resp: 183219  
Ion Ratio Lower Upper  
104 100  
78 51.6 41.2 61.8  
103 53.8 43.4 65.2





#71

Bromoform

Concen: 19.862 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

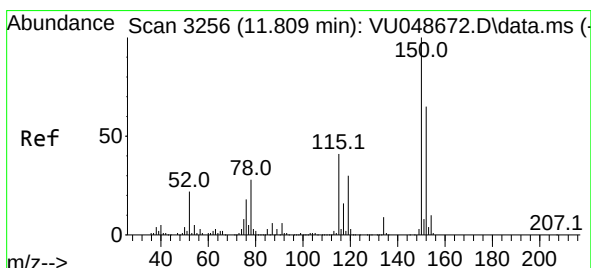
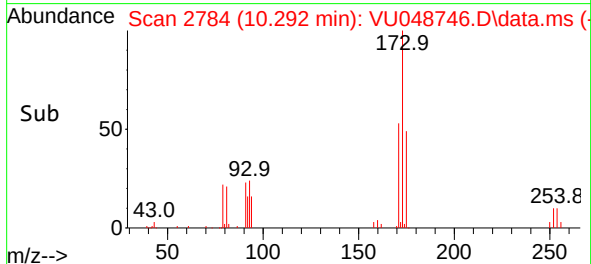
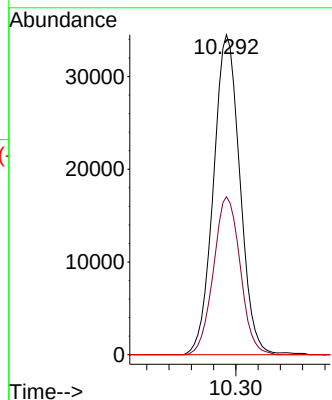
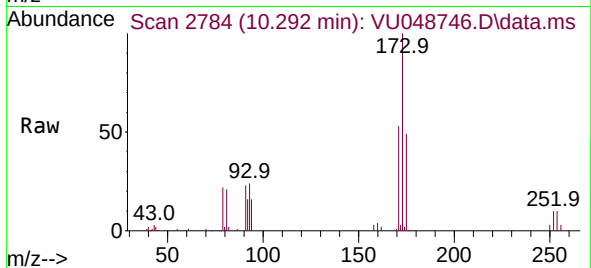
Tgt Ion:173 Resp: 56889

Ion Ratio Lower Upper

173 100

175 49.8 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

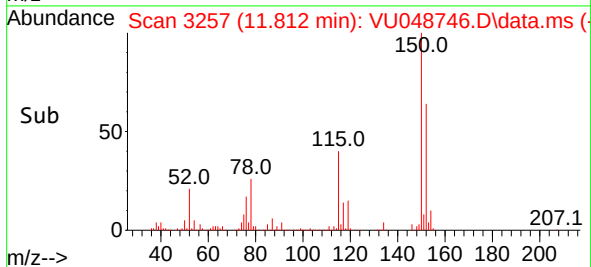
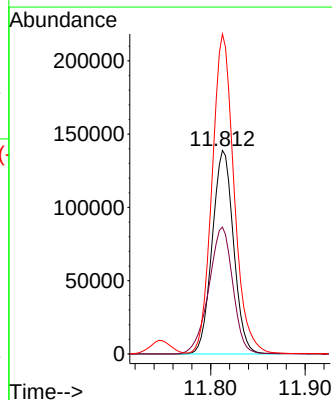
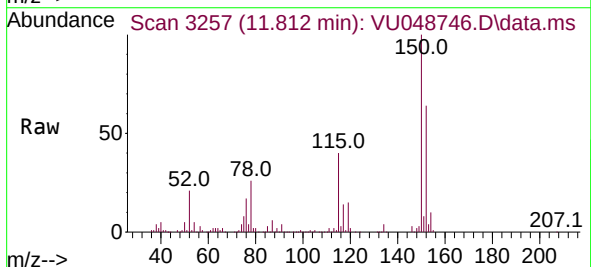
Tgt Ion:152 Resp: 217977

Ion Ratio Lower Upper

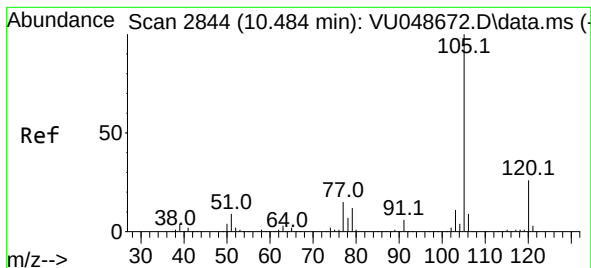
152 100

115 69.8 41.8 125.4

150 162.6 0.0 341.0







#73

Isopropylbenzene

Concen: 20.449 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

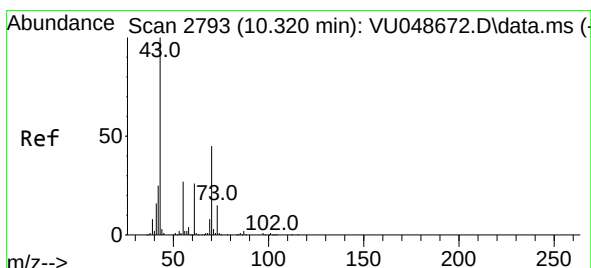
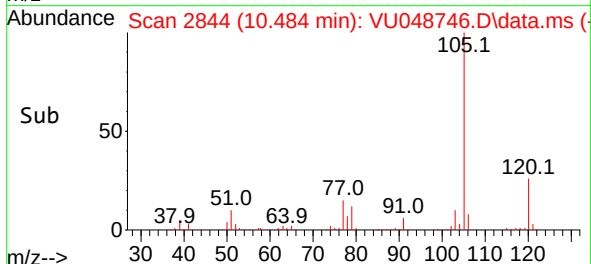
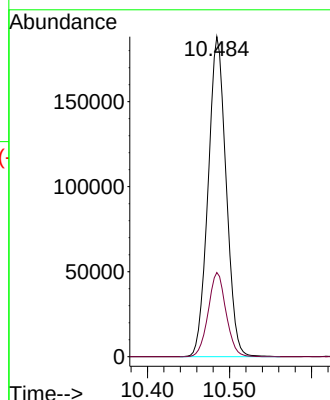
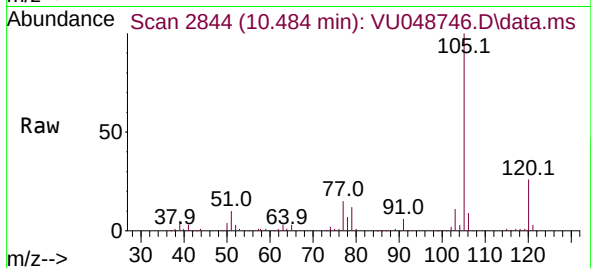
VU0531WBSD01

Tgt Ion:105 Resp: 287762

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 20.443 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Tgt Ion: 43 Resp: 134719

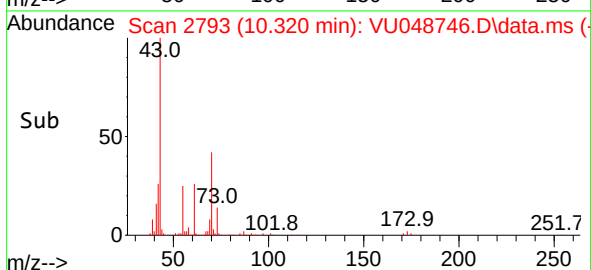
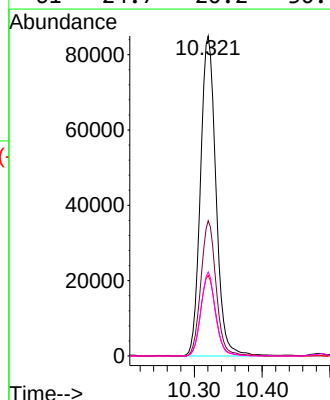
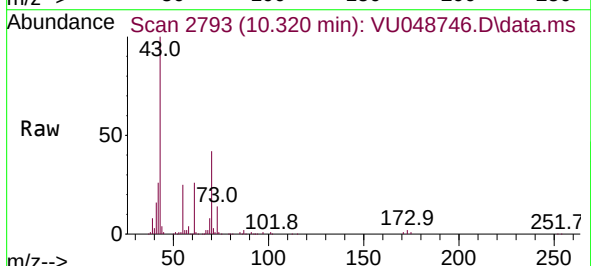
Ion Ratio Lower Upper

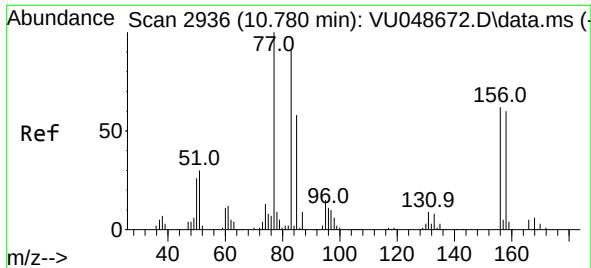
43 100

70 41.4 35.8 53.6

55 24.5 21.1 31.7

61 24.7 20.2 30.4

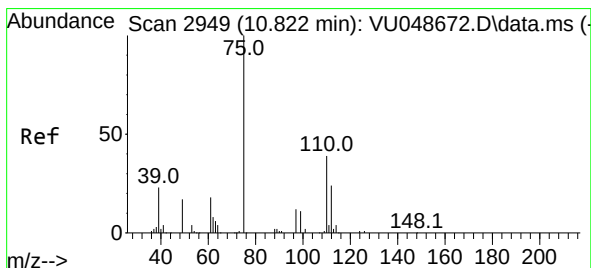
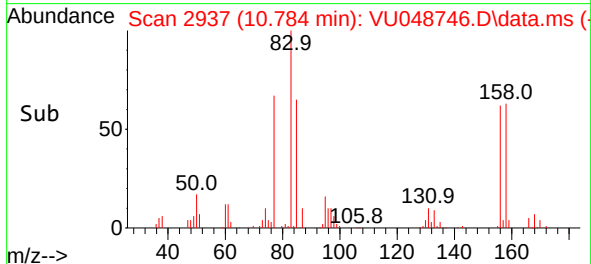
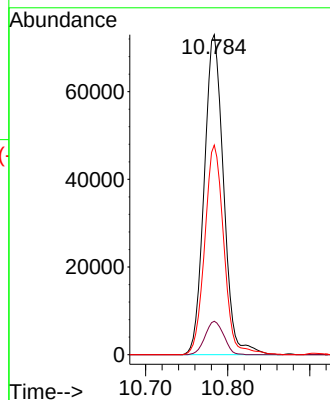
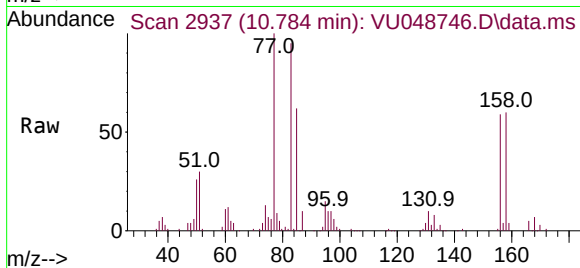




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.789 ug/l  
RT: 10.784 min Scan# 2936  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

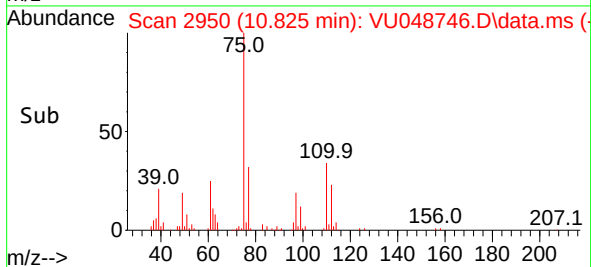
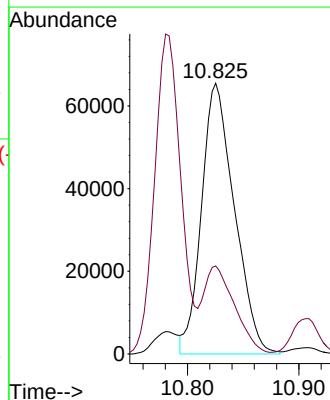
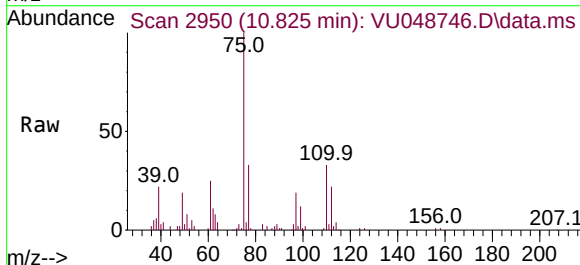
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

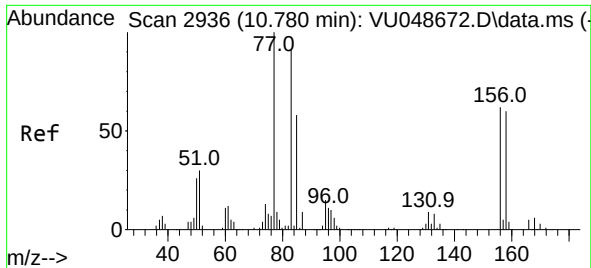
Tgt Ion: 83 Resp: 119385  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.2 15.6  
85 64.9 32.5 97.4



#76  
1,2,3-Trichloropropane  
Concen: 19.097 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 75 Resp: 134214  
Ion Ratio Lower Upper  
75 100  
77 30.2 14.8 44.3

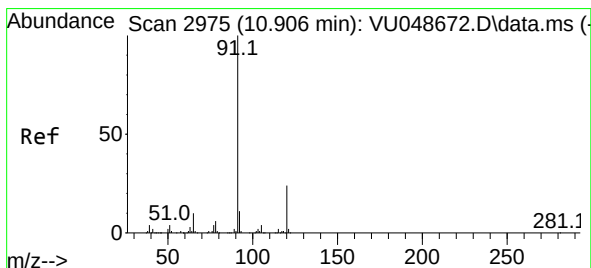
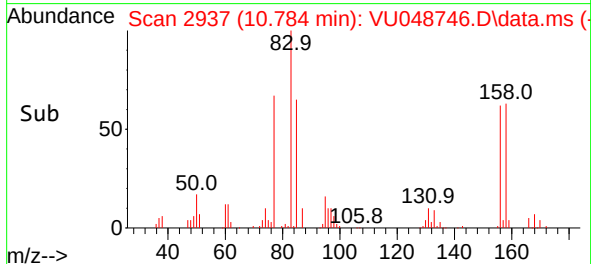
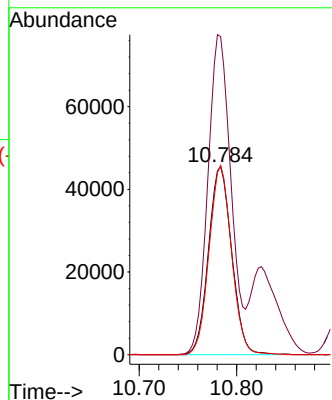
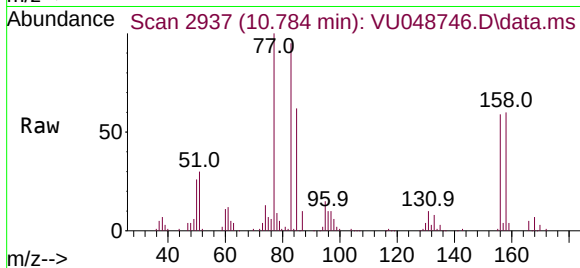




#77  
Bromobenzene  
Concen: 19.916 ug/l  
RT: 10.784 min Scan# 2936  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

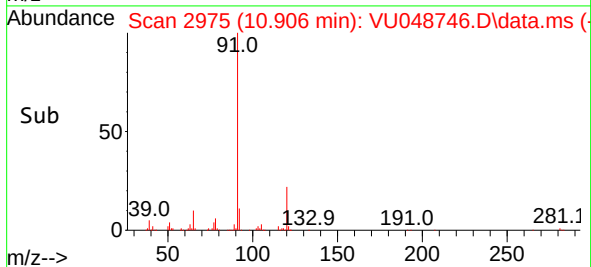
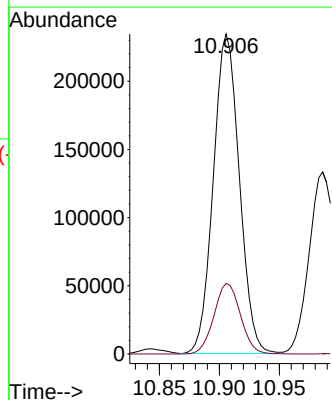
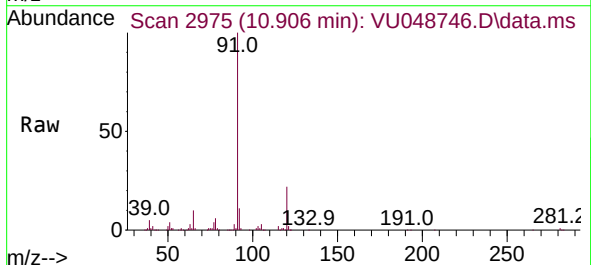
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

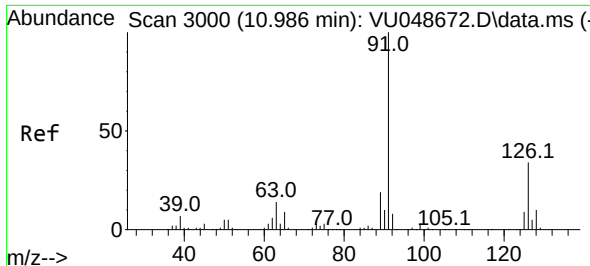
Tgt Ion:156 Resp: 75268  
Ion Ratio Lower Upper  
156 100  
77 169.6 81.1 243.3  
158 97.4 48.8 146.4



#78  
n-propylbenzene  
Concen: 21.043 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 91 Resp: 352866  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.6 34.7

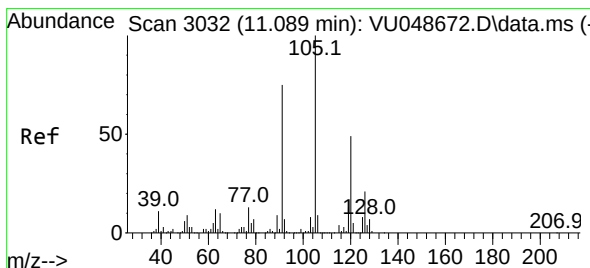
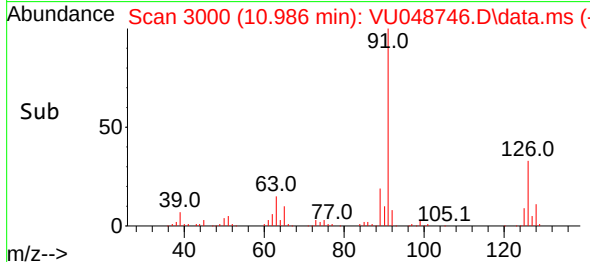
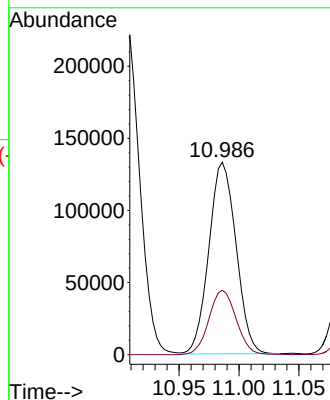
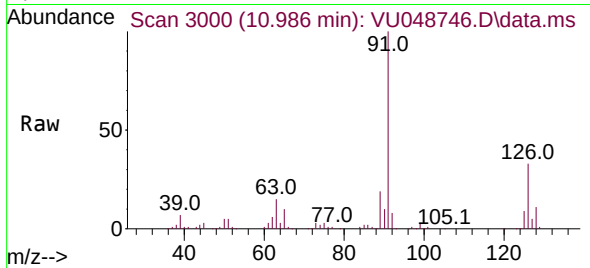




#79  
2-Chlorotoluene  
Concen: 20.084 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

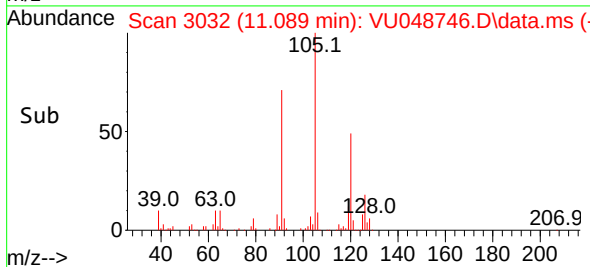
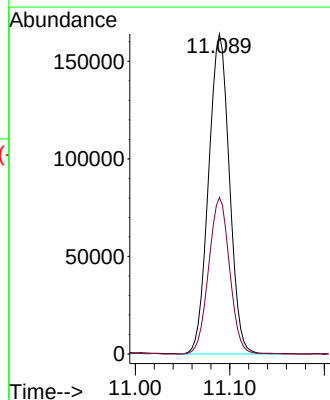
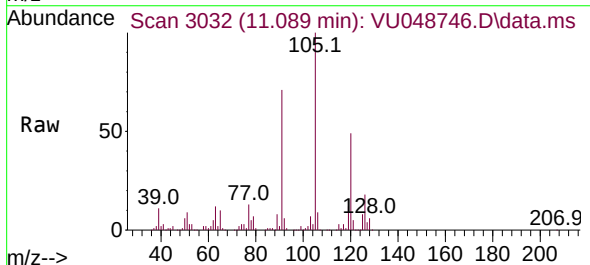
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

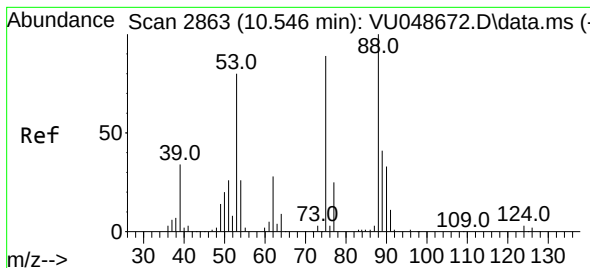
Tgt Ion: 91 Resp: 209435  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.544 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 105 Resp: 251411  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.1 72.3

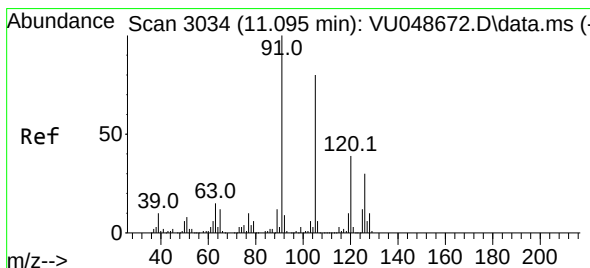
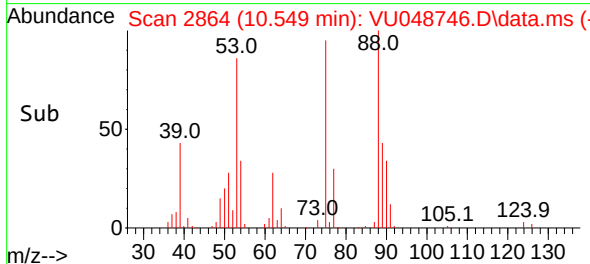
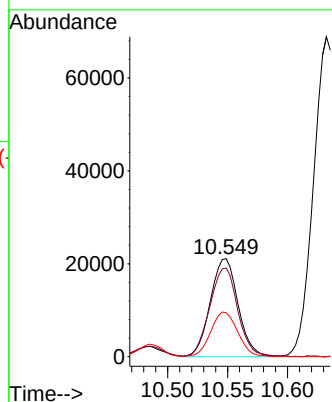
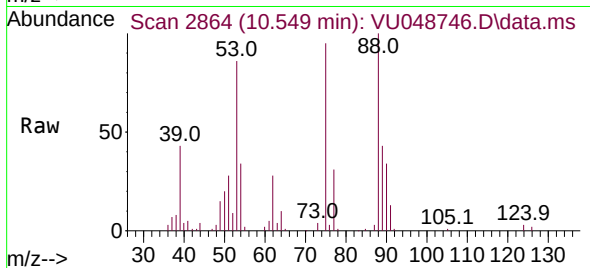




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.543 ug/l  
RT: 10.549 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

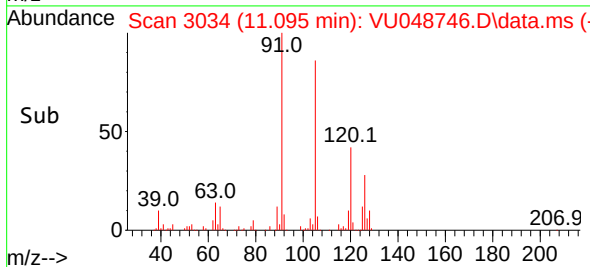
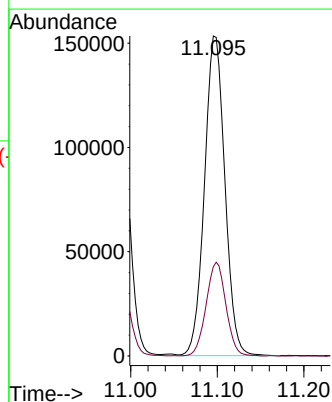
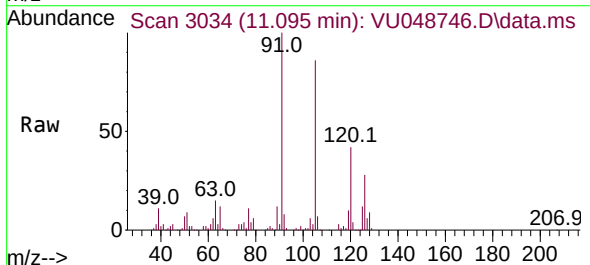
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

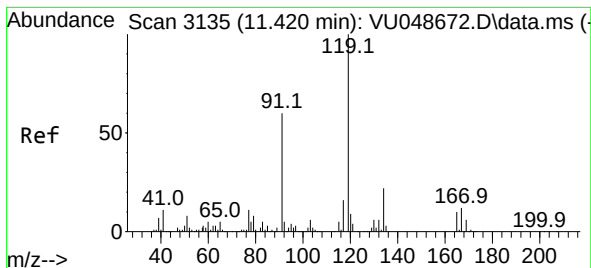
Tgt Ion: 75 Resp: 33958  
Ion Ratio Lower Upper  
75 100  
53 91.6 72.5 108.7  
89 44.3 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.817 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion: 91 Resp: 250462  
Ion Ratio Lower Upper  
91 100  
126 28.5 14.4 43.2





#83

tert-Butylbenzene

Concen: 20.909 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

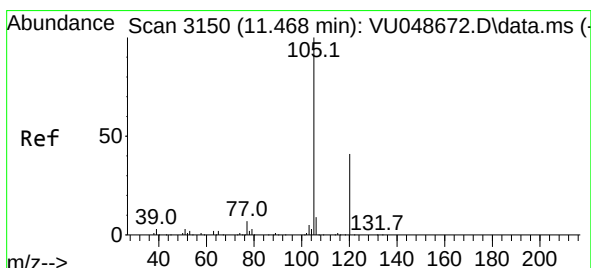
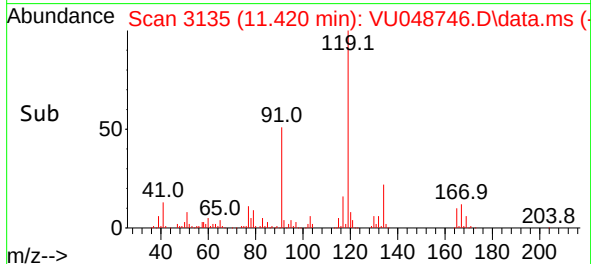
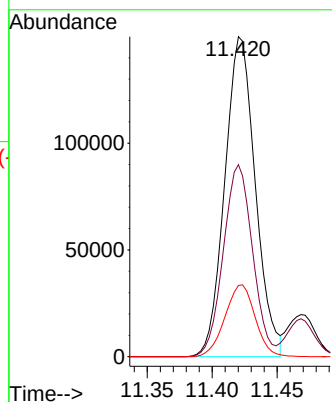
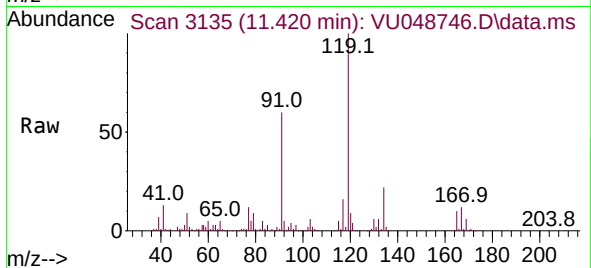
Tgt Ion:119 Resp: 245582

Ion Ratio Lower Upper

119 100

91 57.5 28.7 86.1

134 22.3 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 19.990 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048746.D

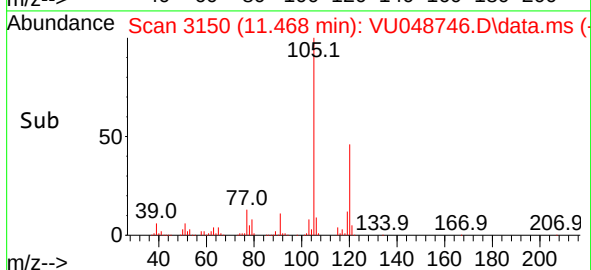
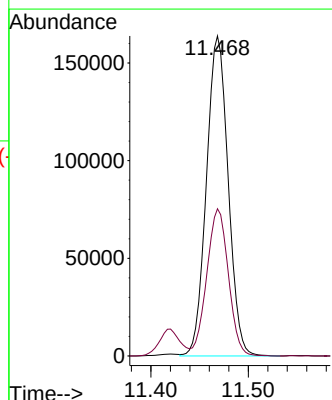
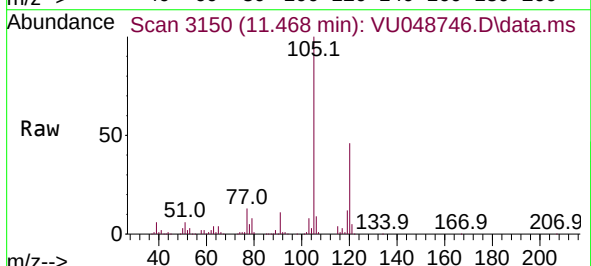
Acq: 31 May 2022 18:18

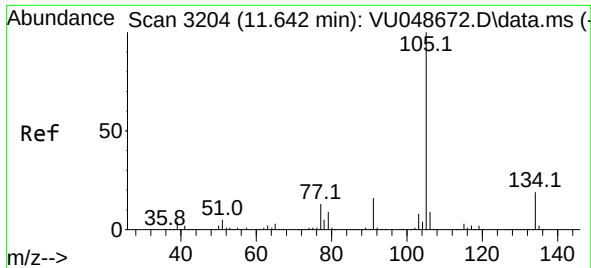
Tgt Ion:105 Resp: 254020

Ion Ratio Lower Upper

105 100

120 45.8 22.5 67.5

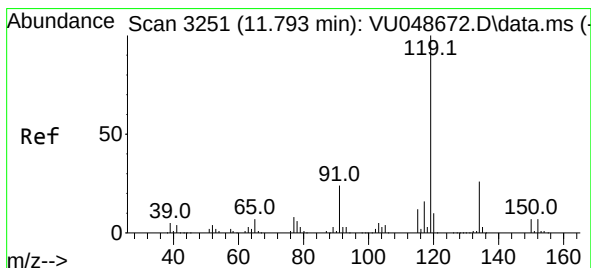
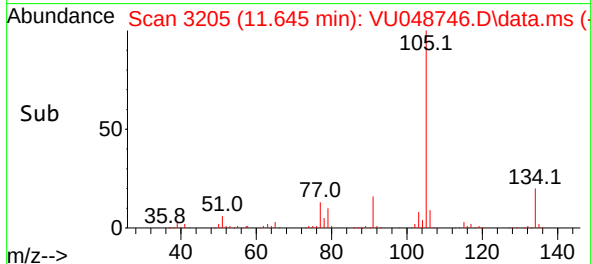
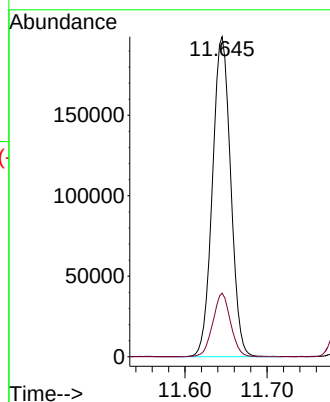
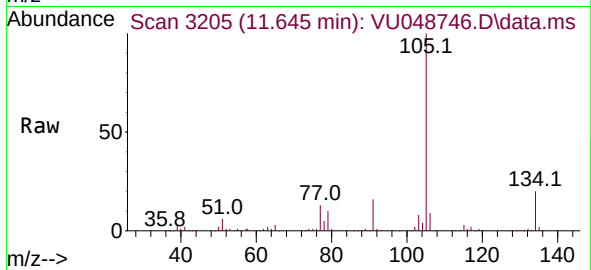




#85  
 sec-Butylbenzene  
 Concen: 20.866 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

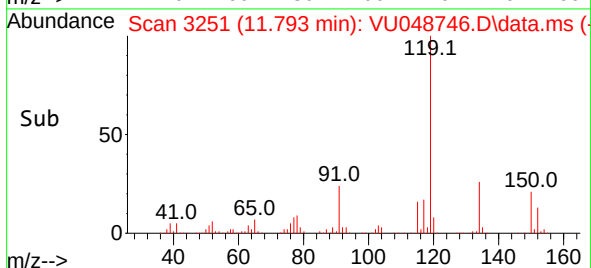
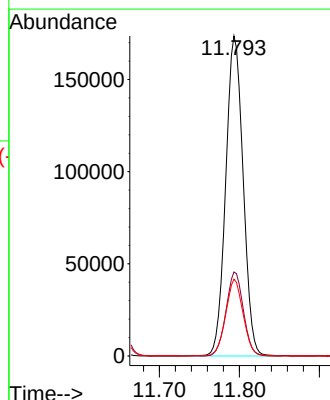
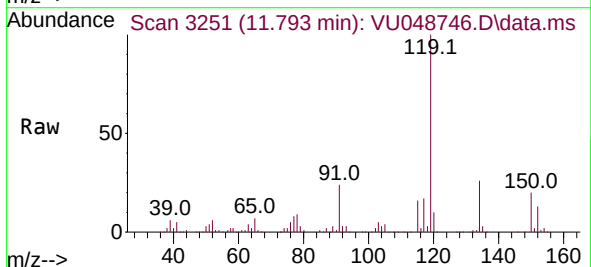
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

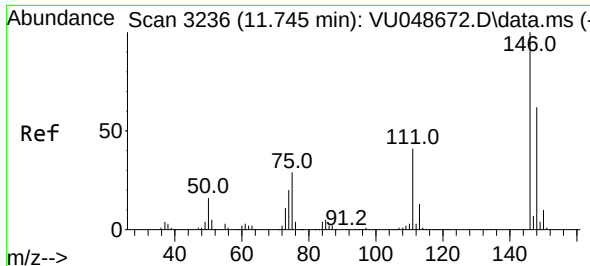
Tgt Ion:105 Resp: 306608  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 20.768 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

Tgt Ion:119 Resp: 262057  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.8 38.4  
 91 24.1 12.0 36.0

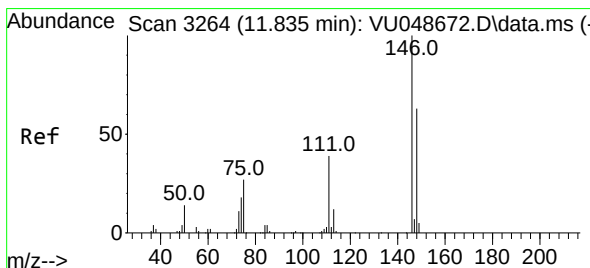
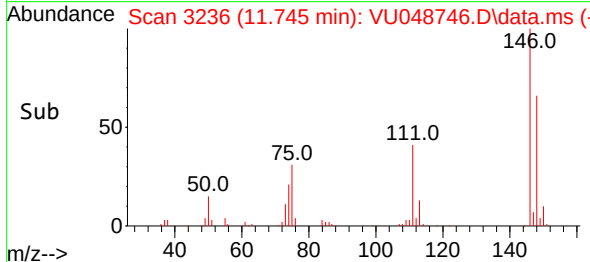
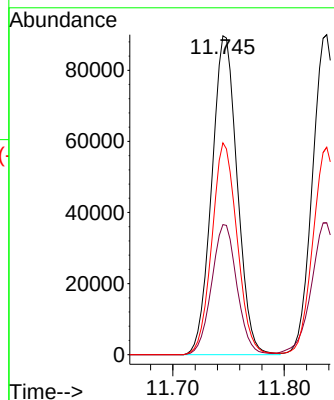
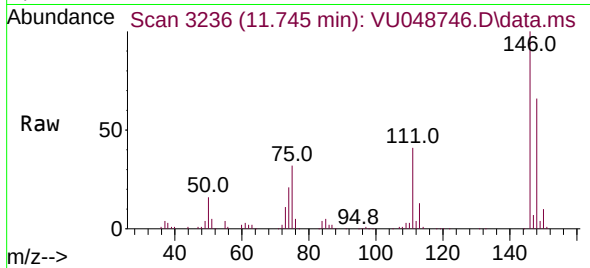




#87  
1,3-Dichlorobenzene  
Concen: 19.230 ug/l  
RT: 11.745 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

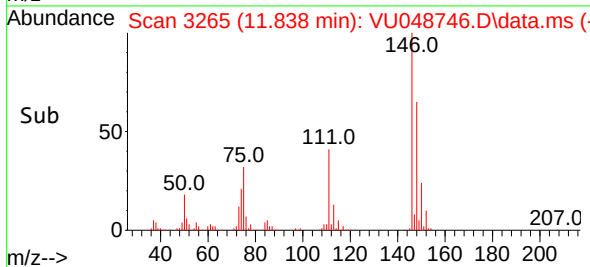
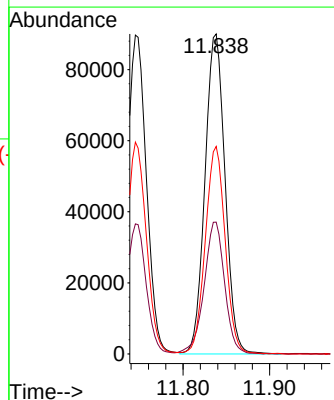
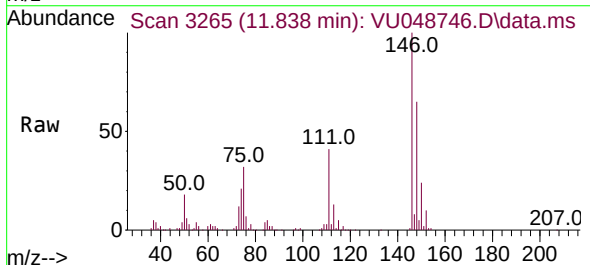
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

Tgt Ion:146 Resp: 142491  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.6 61.9  
148 65.8 31.6 95.0

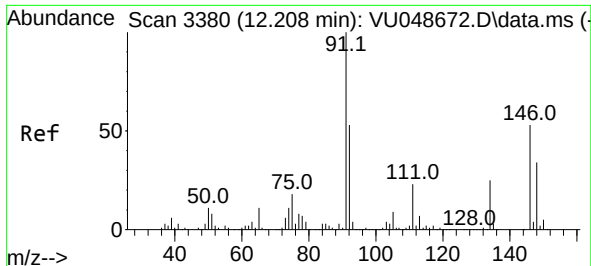


#88  
1,4-Dichlorobenzene  
Concen: 18.955 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:146 Resp: 145106  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.2 60.6  
148 64.4 32.4 97.0







#89

n-Butylbenzene

Concen: 19.670 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

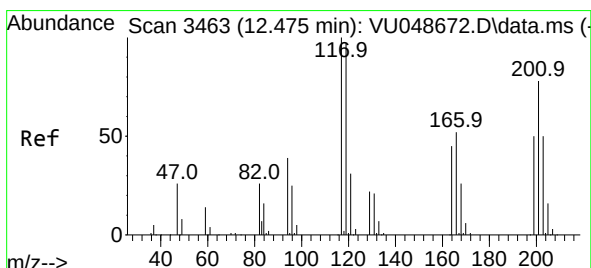
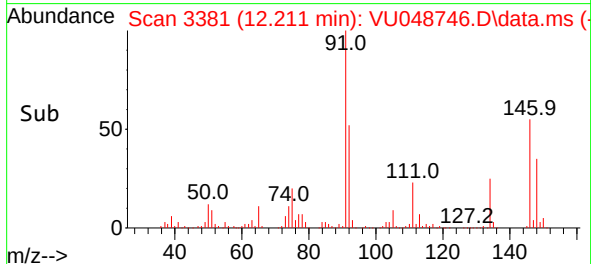
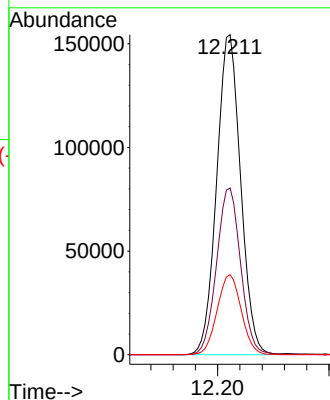
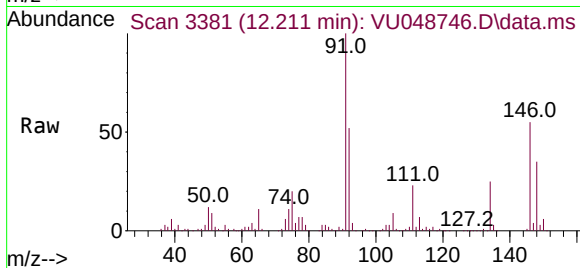
Tgt Ion: 91 Resp: 230938

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 25.1 12.5 37.5



#90

Hexachloroethane

Concen: 17.288 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048746.D

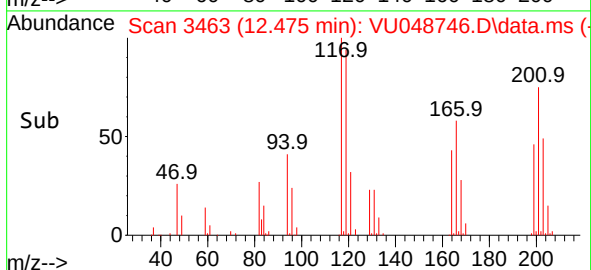
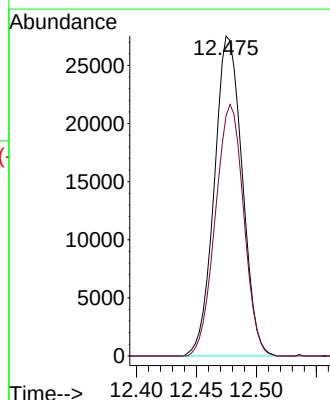
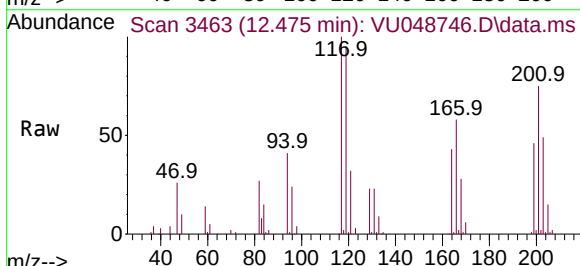
Acq: 31 May 2022 18:18

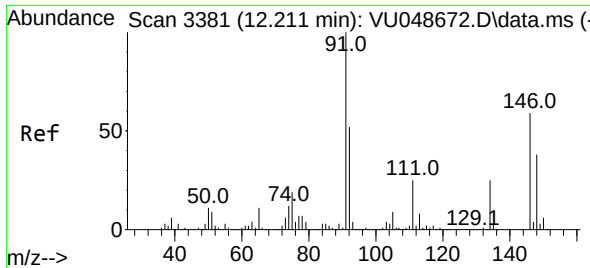
Tgt Ion: 117 Resp: 44522

Ion Ratio Lower Upper

117 100

201 79.9 39.6 119.0

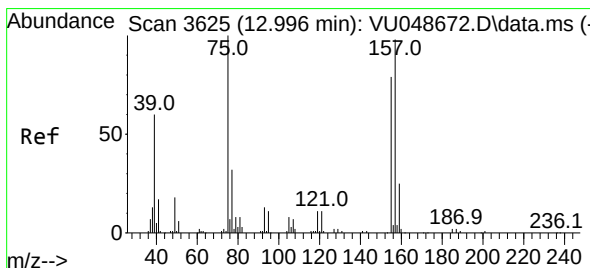
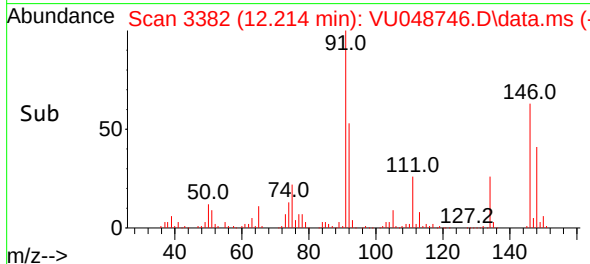
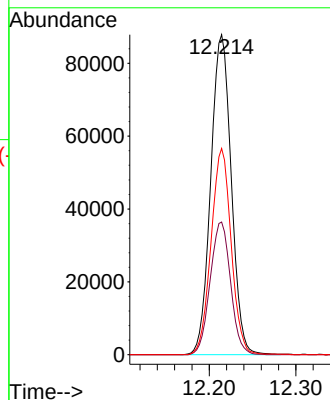
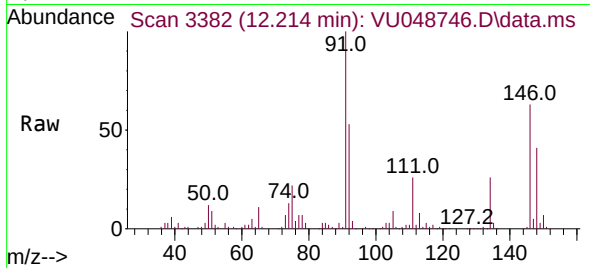




#91  
 1,2-Dichlorobenzene  
 Concen: 19.290 ug/l  
 RT: 12.214 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

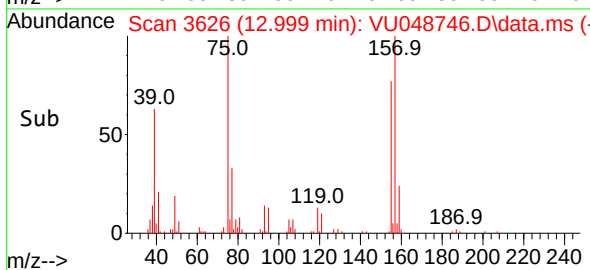
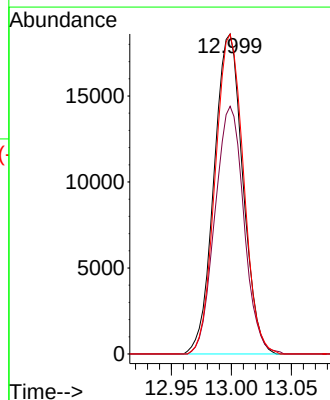
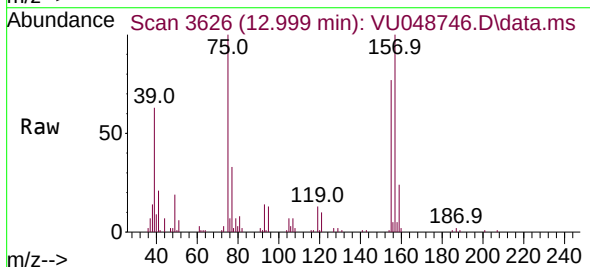
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0531WBSD01

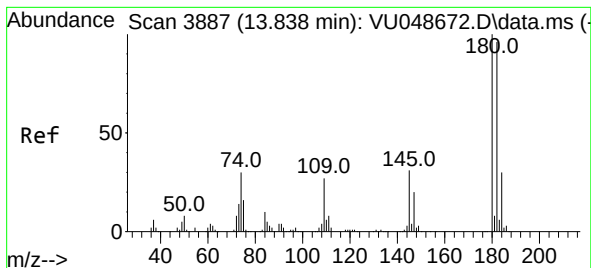
Tgt Ion:146 Resp: 144398  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 21.4 64.3  
 148 63.1 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.772 ug/l  
 RT: 12.999 min Scan# 3626  
 Delta R.T. 0.003 min  
 Lab File: VU048746.D  
 Acq: 31 May 2022 18:18

Tgt Ion: 75 Resp: 31039  
 Ion Ratio Lower Upper  
 75 100  
 155 77.8 40.3 120.8  
 157 98.1 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 18.993 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

Instrument :

MSVOA\_U

ClientSampleId :

VU0531WBSD01

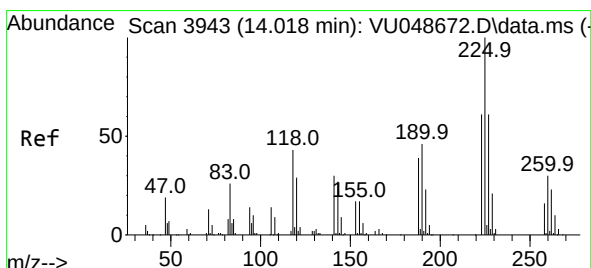
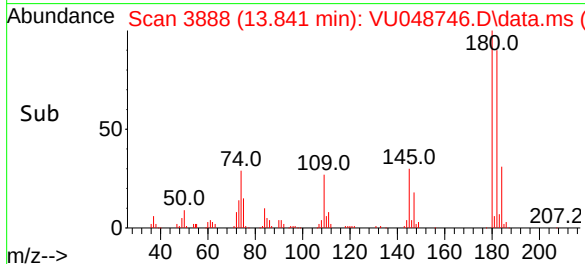
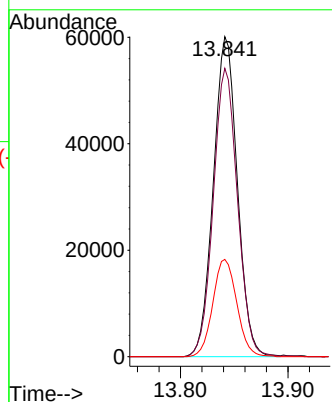
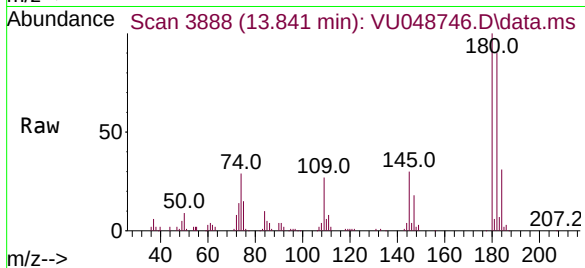
Tgt Ion:180 Resp: 93295

Ion Ratio Lower Upper

180 100

182 90.9 48.3 144.9

145 30.4 15.6 46.7



#94

Hexachlorobutadiene

Concen: 15.958 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048746.D

Acq: 31 May 2022 18:18

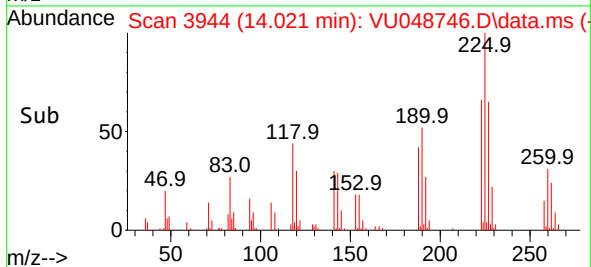
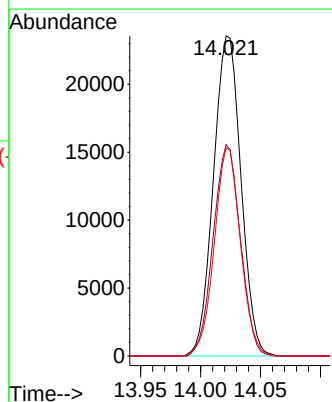
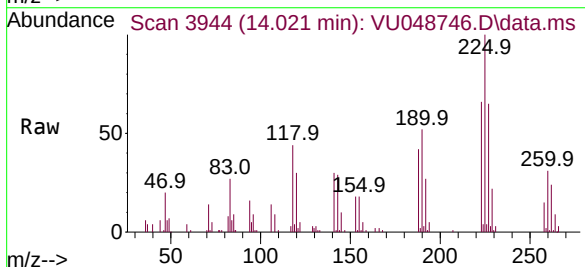
Tgt Ion:225 Resp: 37572

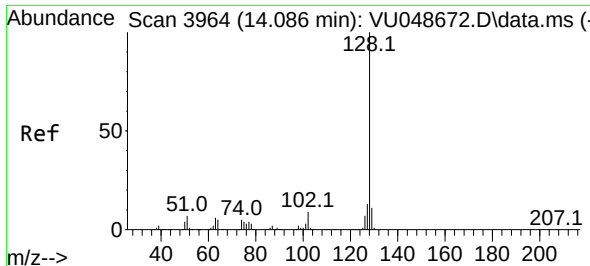
Ion Ratio Lower Upper

225 100

223 64.9 30.9 92.8

227 61.9 31.1 93.5

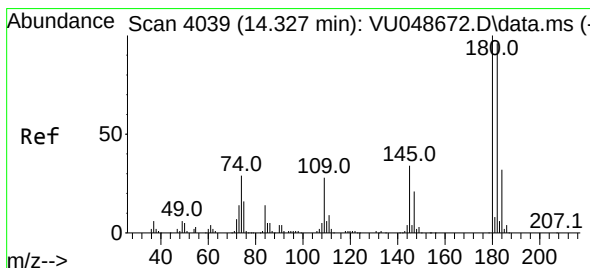
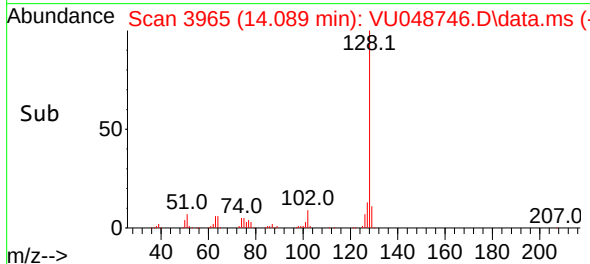
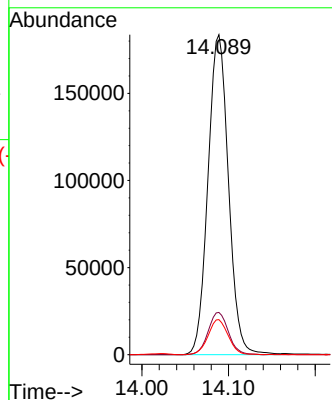
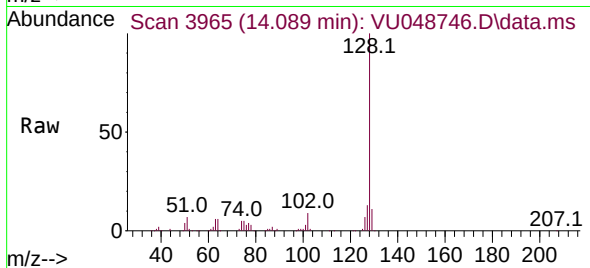




#95  
Naphthalene  
Concen: 19.256 ug/l  
RT: 14.089 min Scan# 3964  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0531WBSD01

Tgt Ion:128 Resp: 302244  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 18.747 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.003 min  
Lab File: VU048746.D  
Acq: 31 May 2022 18:18

Tgt Ion:180 Resp: 91207  
Ion Ratio Lower Upper  
180 100  
182 97.6 47.4 142.2  
145 34.0 16.6 49.8

