

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091622\  
 Data File : VU050724.D  
 Acq On : 16 Sep 2022 14:14  
 Operator : JC/MD  
 Sample : VU0916WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 17 01:07:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Aug 25 14:01:59 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc       | Units | Dev(Min) |
|------------------------------|--------|------|----------|------------|-------|----------|
| -----                        |        |      |          |            |       |          |
| Internal Standards           |        |      |          |            |       |          |
| 1) Fluorobenzene             | 6.118  | 96   | 33353    | 1.000      | ug/l  | # 0.00   |
| System Monitoring Compounds  |        |      |          |            |       |          |
| 57) 4-Bromofluorobenzene     | 10.632 | 95   | 11799    | 1.039      | ug/l  | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | = 104.000% |       |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.192 | 152  | 13498    | 1.006      | ug/l  | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | = 101.000% |       |          |
| Target Compounds             |        |      |          |            |       |          |
|                              |        |      |          |            |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 28329    | 2.051      | ug/l  | 98       |
| 3) Chloromethane             | 1.520  | 50   | 27473    | 1.635      | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.604  | 62   | 25898    | 1.804      | ug/l  | 94       |
| 5) Bromomethane              | 1.855  | 94   | 15254    | 2.596      | ug/l  | 99       |
| 6) Chloroethane              | 1.935  | 64   | 14161    | 1.631      | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 2.141  | 101  | 30668    | 1.712      | ug/l  | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 17575    | 1.754      | ug/l  | 95       |
| 9) 1,1-Dichloroethene        | 2.581  | 96   | 16047    | 1.634      | ug/l  | 96       |
| 10) Iodomethane              | 2.723  | 142  | 12764    | 1.576      | ug/l  | 96       |
| 11) Allyl Chloride           | 2.922  | 41   | 25910    | 1.711      | ug/l  | 91       |
| 12) Acrylonitrile            | 3.311  | 53   | 13905    | 4.720      | ug/l  | # 92     |
| 13) Acetone                  | 2.626  | 43   | 28636    | 13.898     | ug/l  | 93       |
| 14) Carbon Disulfide         | 2.793  | 76   | 45507    | 1.496      | ug/l  | 98       |
| 15) Methylene Chloride       | 3.044  | 84   | 34906    | 2.626      | ug/l  | 94       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 17477    | 1.722      | ug/l  | 86       |
| 17) 1,1-Dichloroethane       | 3.867  | 63   | 38093    | 1.802      | ug/l  | 98       |
| 18) 2-Butanone               | 4.716  | 43   | 38611    | 11.914     | ug/l  | 99       |
| 19) Cyclohexane              | 5.388  | 56   | 21657    | 1.411      | ug/l  | 90       |
| 20) Methylcyclohexane        | 6.761  | 83   | 22118    | 1.829      | ug/l  | 93       |
| 21) 2,2-Dichloropropane      | 4.668  | 77   | 29297    | 1.823      | ug/l  | 97       |
| 22) cis-1,2-Dichloroethene   | 4.668  | 96   | 20042    | 1.745      | ug/l  | 99       |
| 23) Diethyl Ether            | 2.379  | 59   | 15479    | 1.834      | ug/l  | 95       |
| 24) tert-Butyl Alcohol       | 3.186  | 59   | 33977    | 31.815     | ug/l  | # 92     |
| 25) Methyl tert-Butyl Ether  | 3.366  | 73   | 51055    | 1.957      | ug/l  | 97       |
| 26) Bromochloromethane       | 4.977  | 128  | 10417    | 2.260      | ug/l  | 96       |
| 27) Chloroform               | 5.089  | 83   | 37844    | 1.847      | ug/l  | 95       |
| 28) 1,1,1-Trichloroethane    | 5.317  | 97   | 30435    | 1.741      | ug/l  | 96       |
| 29) 1,1-Dichloropropene      | 5.526  | 75   | 24255    | 1.732      | ug/l  | 99       |
| 30) Carbon Tetrachloride     | 5.523  | 117  | 24608    | 1.758      | ug/l  | 96       |
| 31) Isopropyl Ether          | 3.996  | 45   | 47418    | 1.445      | ug/l  | 83       |
| 32) Ethyl-t-butyl ether      | 4.507  | 59   | 42476    | 1.648      | ug/l  | 100      |
| 33) Tert-Amyl methyl ether   | 5.944  | 73   | 37966    | 2.260      | ug/l  | 97       |
| 34) Propionitrile            | 4.784  | 54   | 13285    | 13.878     | ug/l  | # 93     |
| 35) Benzene                  | 5.774  | 78   | 76992    | 1.870      | ug/l  | 97       |
| 36) 1,2-Dichloroethane       | 5.797  | 62   | 26580    | 2.114      | ug/l  | 99       |
| 37) Trichloroethene          | 6.543  | 130  | 17862    | 1.810      | ug/l  | 89       |
| 38) 1,2-Dichloropropane      | 6.793  | 63   | 22768    | 2.060      | ug/l  | 94       |
| 39) Methacrylonitrile        | 4.980  | 41   | 6961     | 1.772      | ug/l  | # 86     |
| 40) Methyl acrylate          | 4.854  | 55   | 11579    | 1.935      | ug/l  | # 97     |
| 41) Tetrahydrofuran          | 5.060  | 42   | 9444     | 4.802      | ug/l  | 98       |
| 42) 1-Chlorobutane           | 5.459  | 56   | 31672    | 1.588      | ug/l  | 94       |
| 43) Dibromomethane           | 6.919  | 93   | 12937    | 2.172      | ug/l  | 95       |
| 44) Bromodichloromethane     | 7.105  | 83   | 28721    | 2.043      | ug/l  | 90       |

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 Sample : VU0916WBSD01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

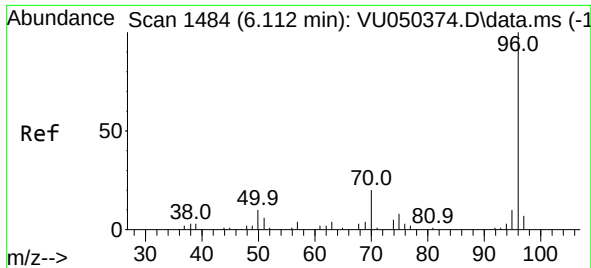
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 17 01:07:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Aug 25 14:01:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.796  | 43   | 79185    | 13.242 | ug/l   | 96       |
| 46) t-1,4-Dichloro-2-butene   | 10.822 | 75   | 29156    | 8.474  | ug/l # | 41       |
| 47) Methyl methacrylate       | 6.964  | 69   | 22463    | 4.833  | ug/l   | 84       |
| 48) Ethyl methacrylate        | 8.337  | 69   | 16835    | 2.127  | ug/l   | 98       |
| 49) Toluene                   | 7.970  | 92   | 39336    | 1.778  | ug/l   | 90       |
| 50) t-1,3-Dichloropropene     | 8.211  | 75   | 22580    | 2.063  | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 24980    | 1.993  | ug/l   | 94       |
| 52) 1,1,2-Trichloroethane     | 8.401  | 97   | 19793    | 2.261  | ug/l   | 96       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 30383    | 2.204  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.687  | 43   | 55497    | 13.326 | ug/l   | 92       |
| 55) Dibromochloromethane      | 8.809  | 129  | 19490    | 2.024  | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 17442    | 2.218  | ug/l   | 97       |
| 58) Tetrachloroethene         | 8.555  | 164  | 17021    | 1.833  | ug/l   | 97       |
| 59) Chlorobenzene             | 9.446  | 112  | 44829    | 1.878  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 18584    | 1.852  | ug/l   | 97       |
| 61) Pentachloroethane         | 11.427 | 117  | 17054    | 2.042  | ug/l   | 84       |
| 62) Hexachloroethane          | 12.475 | 117  | 12237    | 1.762  | ug/l   | 100      |
| 63) Ethyl Benzene             | 9.571  | 91   | 65639    | 1.852  | ug/l   | 96       |
| 64) m/p-Xylenes               | 9.694  | 106  | 47657    | 3.435  | ug/l   | 97       |
| 65) o-Xylene                  | 10.102 | 106  | 23294    | 1.750  | ug/l   | 97       |
| 66) Styrene                   | 10.118 | 104  | 38930    | 1.751  | ug/l   | 97       |
| 67) Bromoform                 | 10.292 | 173  | 11959    | 2.186  | ug/l   | 96       |
| 69) Isopropylbenzene          | 10.484 | 105  | 59827    | 1.765  | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 28901    | 2.399  | ug/l   | 96       |
| 71) 1,2,3-Trichloropropane    | 10.822 | 75   | 29156    | 3.218  | ug/l # | 53       |
| 72) Bromobenzene              | 10.783 | 156  | 18337    | 1.779  | ug/l   | 95       |
| 73) n-propylbenzene           | 10.906 | 120  | 15201    | 1.677  | ug/l   | 98       |
| 74) 2-Chlorotoluene           | 10.986 | 126  | 16288    | 1.702  | ug/l   | 98       |
| 75) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 50973    | 1.668  | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.099 | 126  | 16425    | 1.668  | ug/l   | 93       |
| 77) tert-Butylbenzene         | 11.420 | 119  | 53063    | 1.764  | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 49101    | 1.615  | ug/l   | 96       |
| 79) sec-Butylbenzene          | 11.642 | 105  | 67805    | 1.727  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.214 | 77   | 7699     | 11.778 | ug/l # | 98       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 49702    | 1.656  | ug/l   | 97       |
| 82) 1,3-Dichlorobenzene       | 11.745 | 146  | 38267    | 1.803  | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.835 | 146  | 38037    | 1.803  | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.208 | 91   | 55281    | 1.867  | ug/l   | 95       |
| 85) 1,2-Dichlorobenzene       | 12.214 | 146  | 38575    | 1.849  | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 4014     | 2.111  | ug/l   | 94       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 24703    | 2.075  | ug/l   | 96       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 13361    | 1.725  | ug/l   | 97       |
| 89) Naphthalene               | 14.089 | 128  | 48255    | 2.312  | ug/l   | 97       |
| 90) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 23762    | 1.962  | ug/l   | 97       |

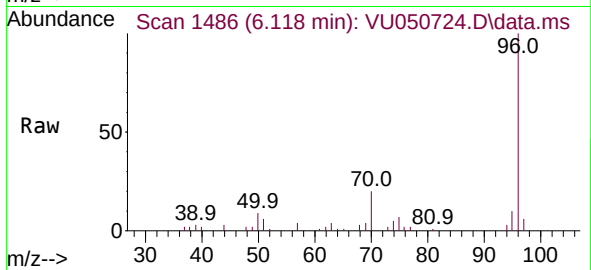
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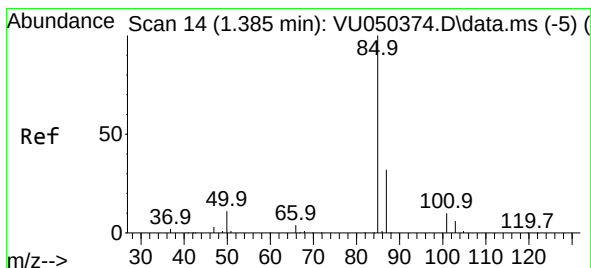
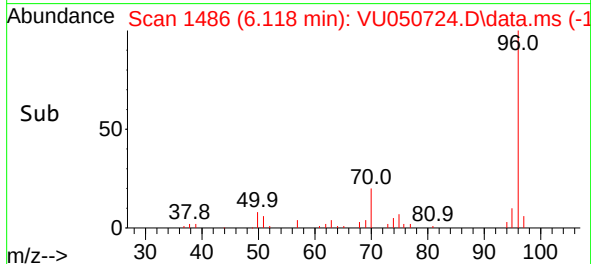
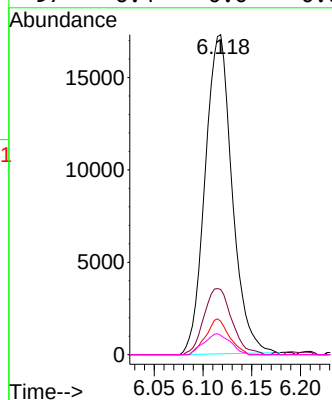


#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.118 min Scan# 14  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Instrument :  
MSVOA\_U  
ClientSampleId :

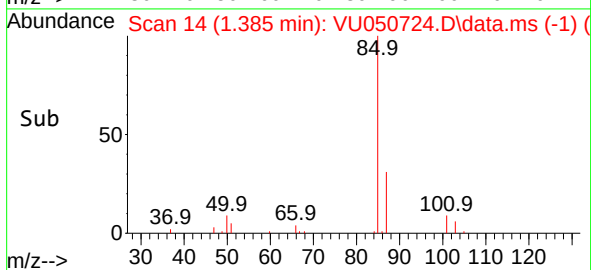
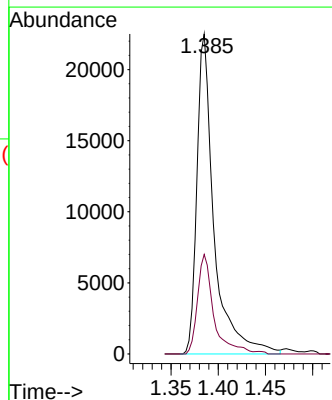
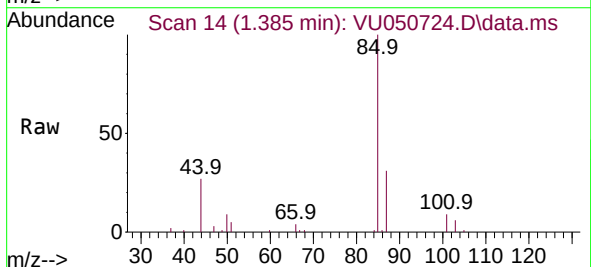


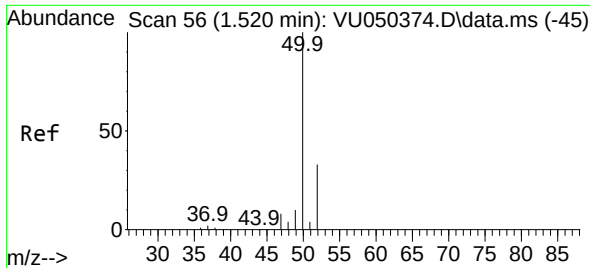
Tgt Ion: 96 Resp: 33353  
Ion Ratio Lower Upper  
96 100  
70 21.3 16.7 25.1  
95 9.6 7.4 11.0  
97 6.4 0.0 0.0#



#2  
Dichlorodifluoromethane  
Concen: 2.051 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 85 Resp: 28329  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.3 48.8

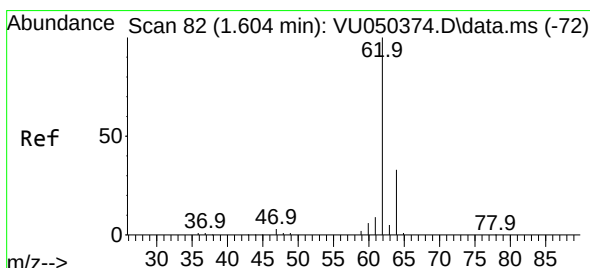
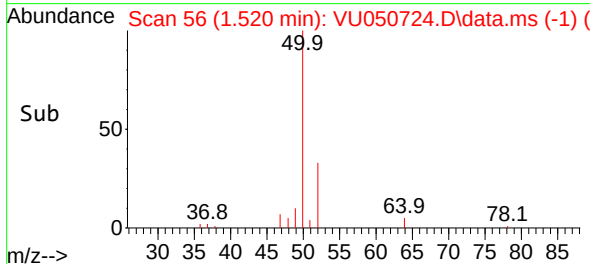
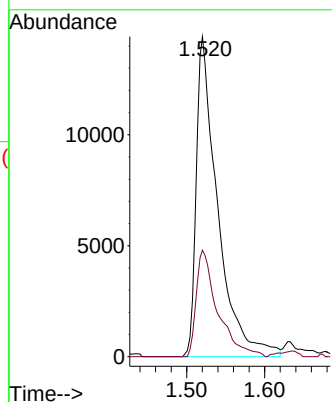
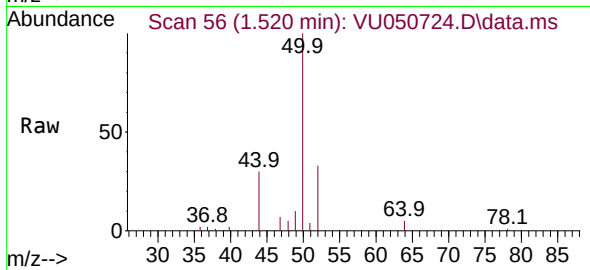




#3  
Chloromethane  
Concen: 1.635 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

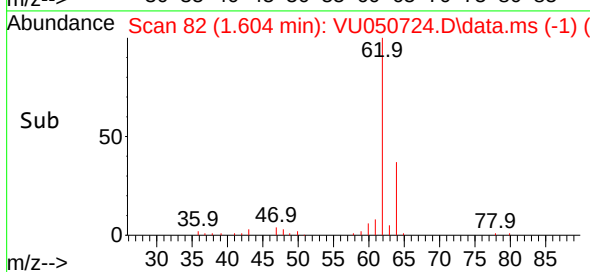
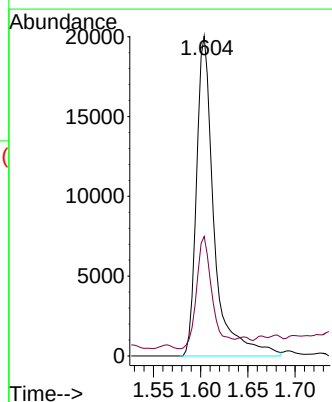
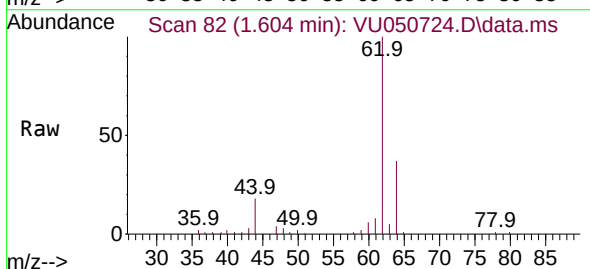
Instrument :  
MSVOA\_U  
ClientSampleId :

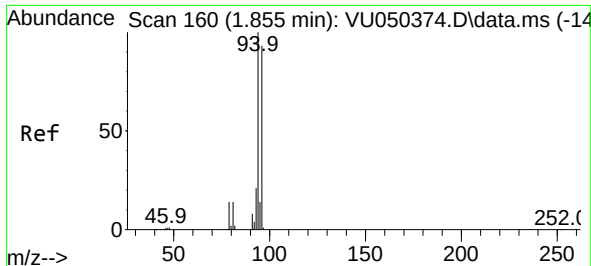
Tgt Ion: 50 Resp: 27473  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.1 39.1



#4  
Vinyl Chloride  
Concen: 1.804 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 62 Resp: 25898  
Ion Ratio Lower Upper  
62 100  
64 35.1 25.5 38.3

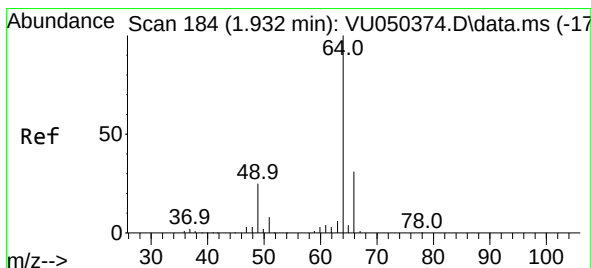
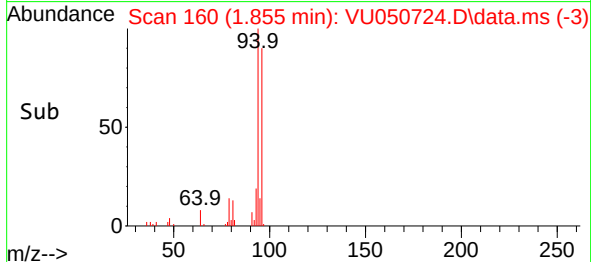
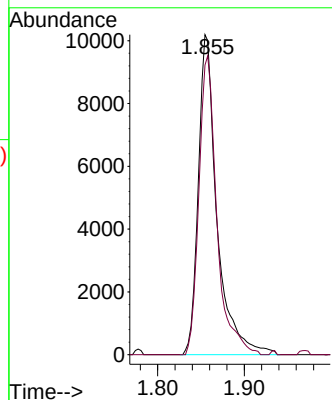
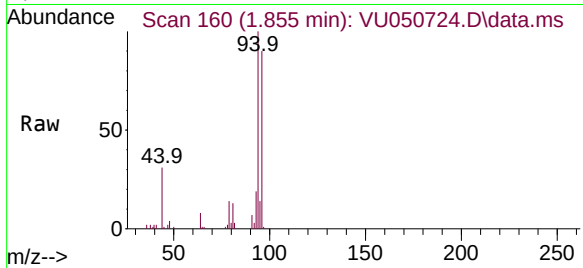




#5  
Bromomethane  
Concen: 2.596 ug/l  
RT: 1.855 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

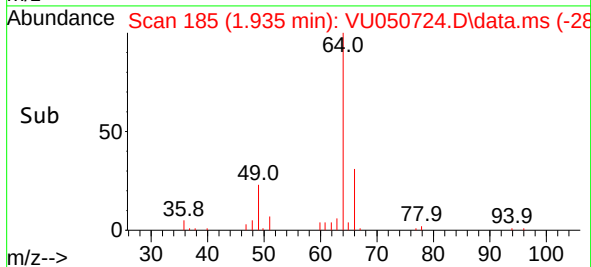
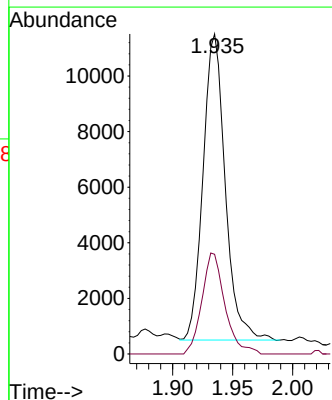
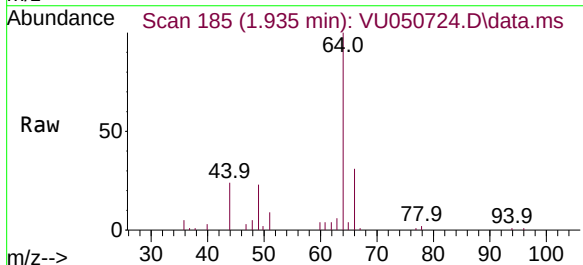
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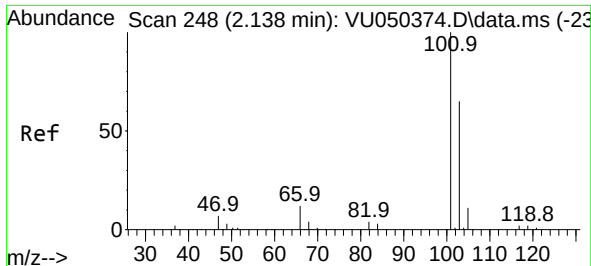
Tgt Ion: 94 Resp: 15254  
Ion Ratio Lower Upper  
94 100  
96 90.5 73.0 109.6



#6  
Chloroethane  
Concen: 1.631 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 64 Resp: 14161  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.8 38.6

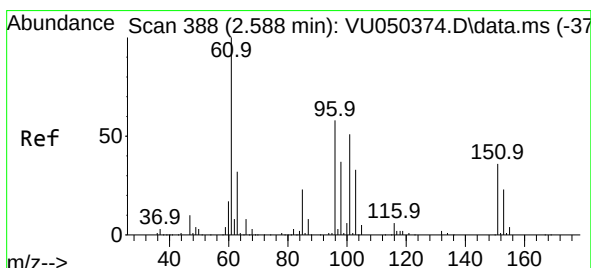
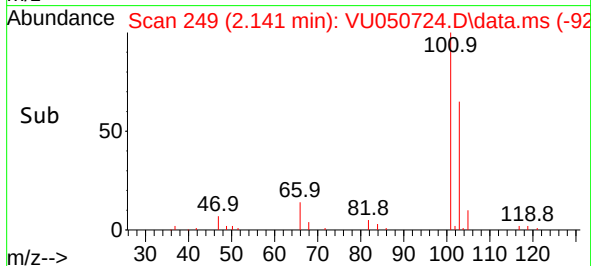
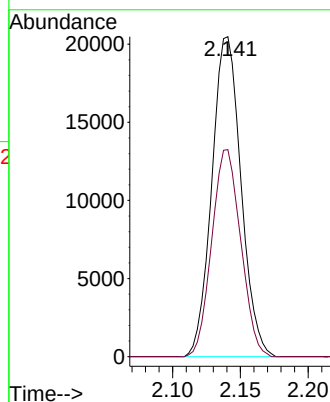
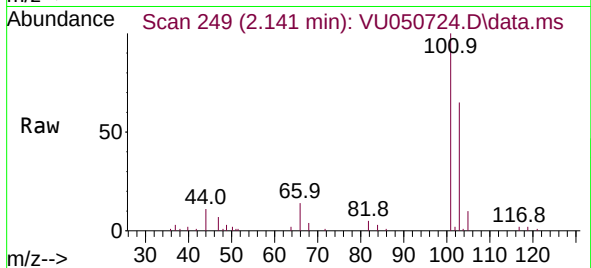




#7  
 Trichlorofluoromethane  
 Concen: 1.712 ug/l  
 RT: 2.141 min Scan# 24  
 Delta R.T. 0.003 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

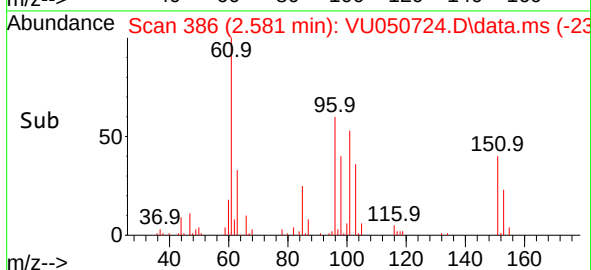
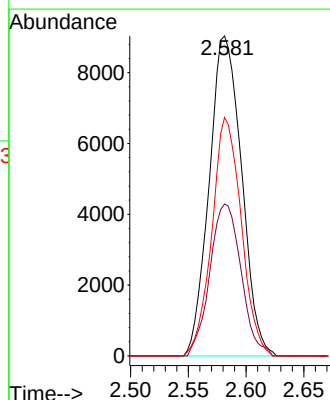
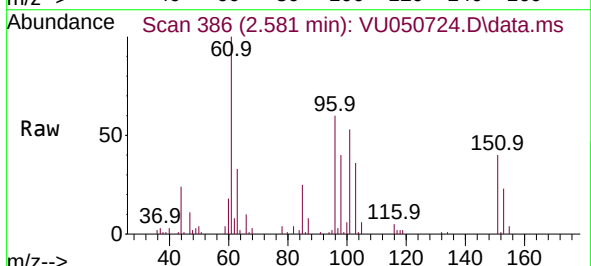
Instrument :  
 MSVOA\_U  
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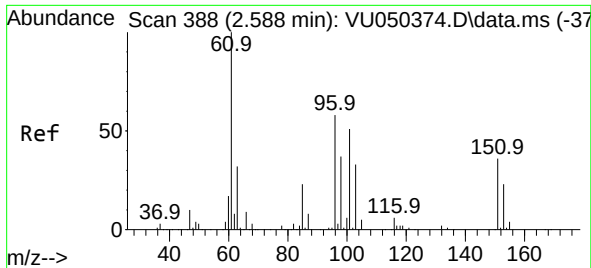
Tgt Ion:101 Resp: 30668  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.8 77.6



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.754 ug/l  
 RT: 2.581 min Scan# 386  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion:101 Resp: 17575  
 Ion Ratio Lower Upper  
 101 100  
 85 45.9 36.4 54.6  
 151 67.8 59.1 88.7

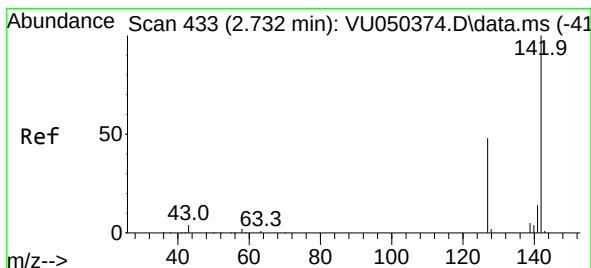
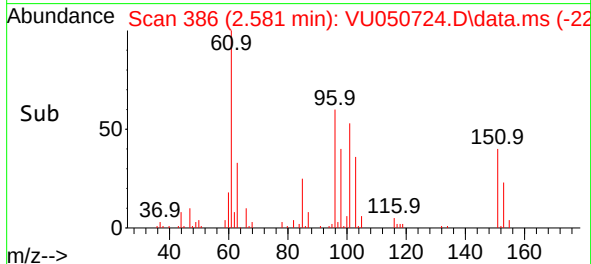
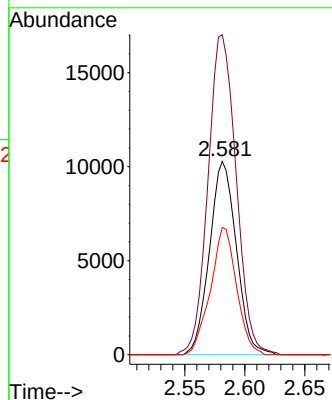
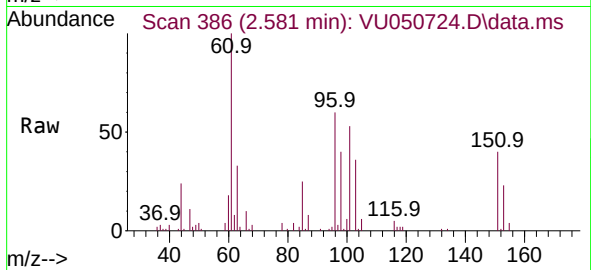




#9  
1,1-Dichloroethene  
Concen: 1.634 ug/l  
RT: 2.581 min Scan# 388  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

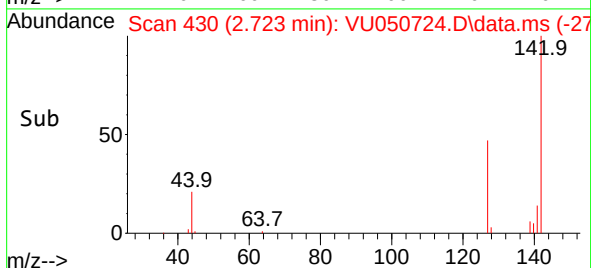
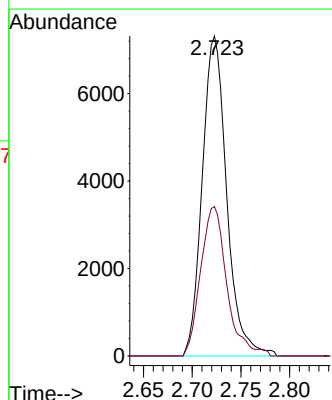
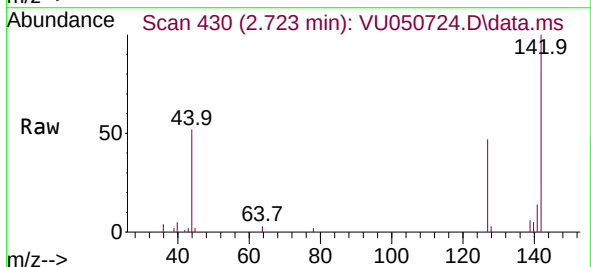
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 96 Resp: 16047  
Ion Ratio Lower Upper  
96 100  
61 165.5 0.0 510.6  
98 65.8 0.0 124.6

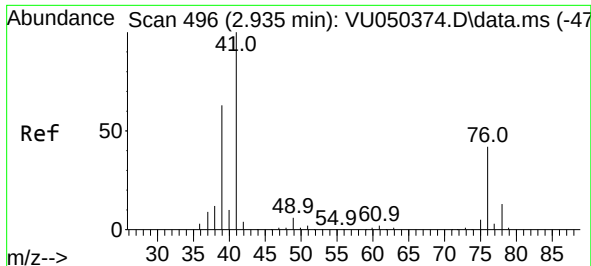


#10  
Iodomethane  
Concen: 1.576 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 142 Resp: 12764  
Ion Ratio Lower Upper  
142 100  
127 50.1 38.2 57.2



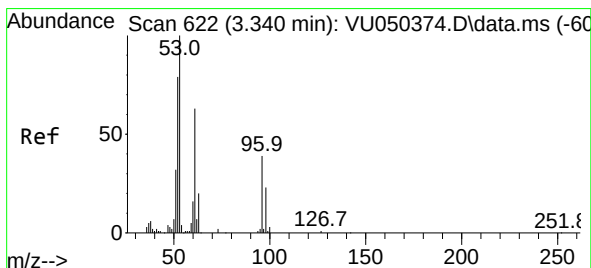
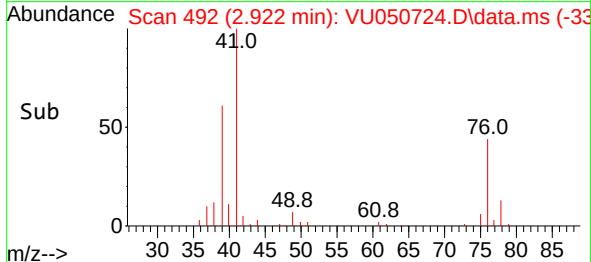
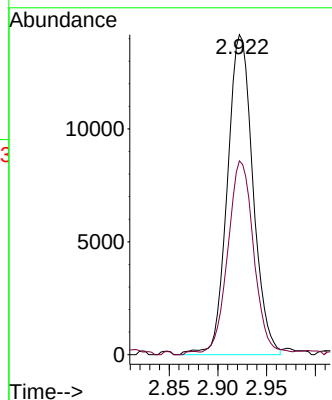
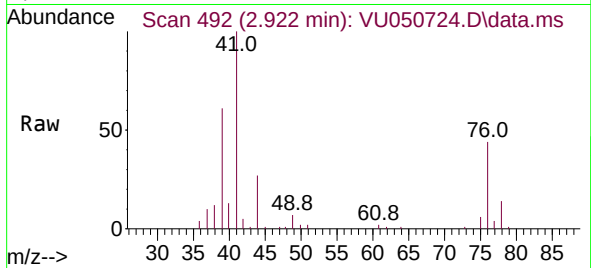




#11  
 Allyl Chloride  
 Concen: 1.711 ug/l  
 RT: 2.922 min Scan# 496  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

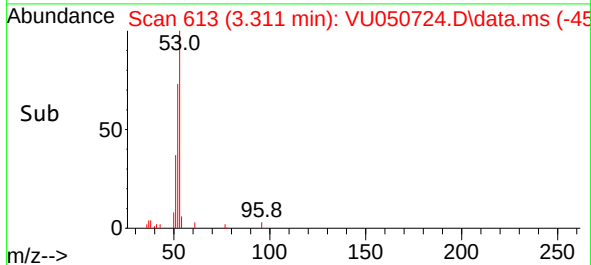
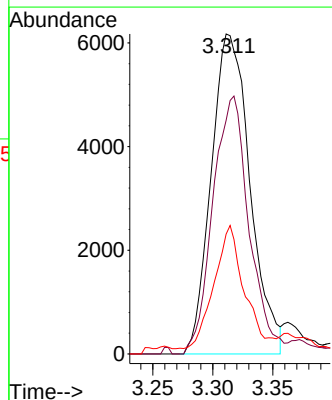
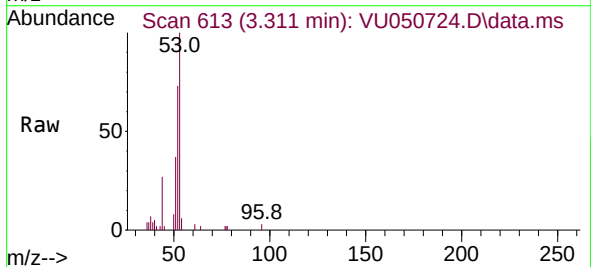
Instrument :  
 MSVOA\_U  
 ClientSampleId :

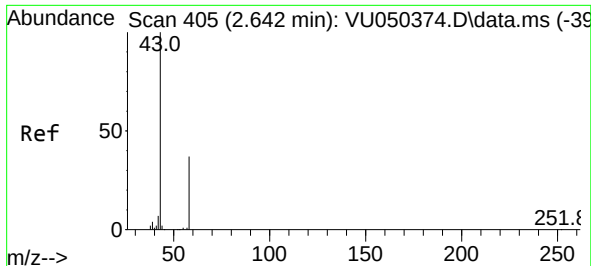
Tgt Ion: 41 Resp: 25910  
 Ion Ratio Lower Upper  
 41 100  
 39 59.0 53.2 79.8



#12  
 Acrylonitrile  
 Concen: 4.720 ug/l  
 RT: 3.311 min Scan# 613  
 Delta R.T. -0.006 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion: 53 Resp: 13905  
 Ion Ratio Lower Upper  
 53 100  
 52 75.3 64.6 97.0  
 51 30.5 30.7 46.1#





#13

Acetone

Concen: 13.898 ug/l

RT: 2.626 min Scan# 405

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

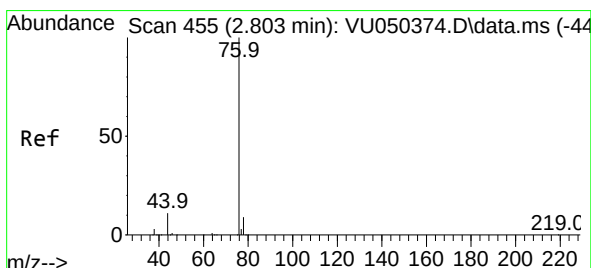
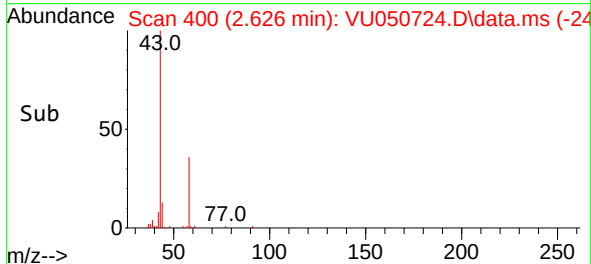
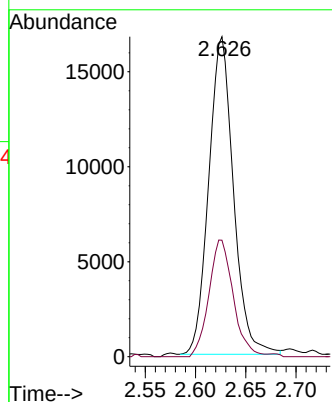
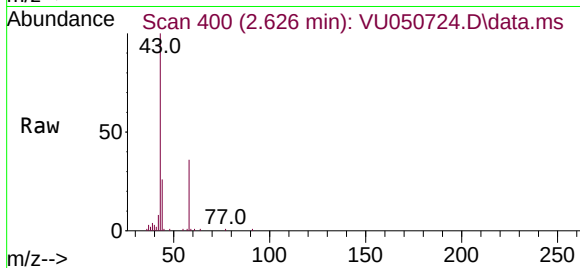
ClientSampleId :

Tgt Ion: 43 Resp: 28636

Ion Ratio Lower Upper

43 100

58 36.7 26.2 39.2



#14

Carbon Disulfide

Concen: 1.496 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050724.D

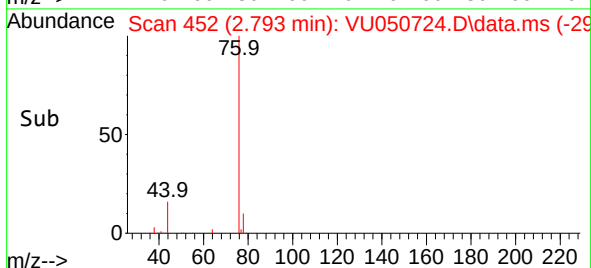
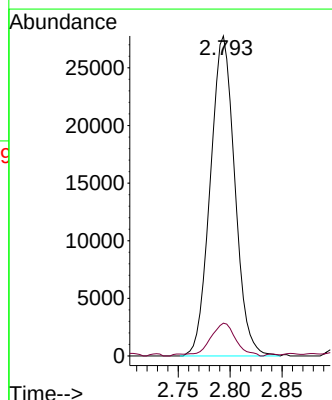
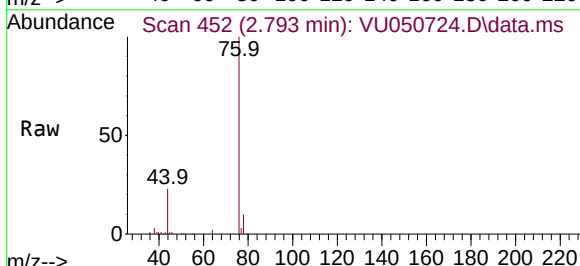
Acq: 16 Sep 2022 14:14

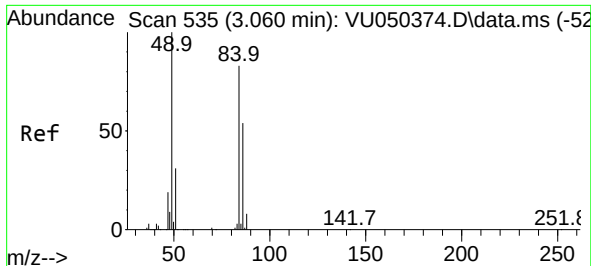
Tgt Ion: 76 Resp: 45507

Ion Ratio Lower Upper

76 100

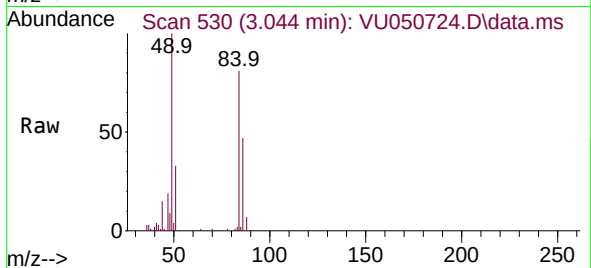
78 9.9 7.4 11.0



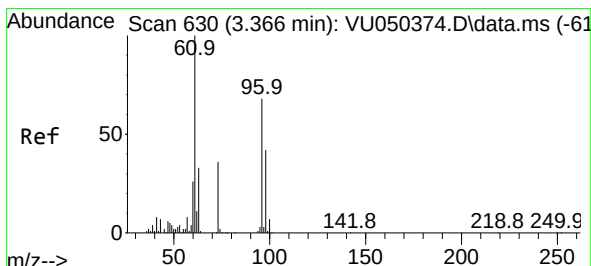
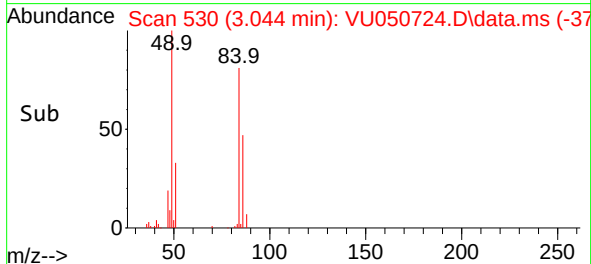
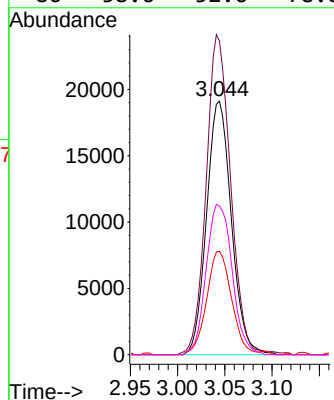


#15  
Methylene Chloride  
Concen: 2.626 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Instrument :  
MSVOA\_U  
ClientSampleId :

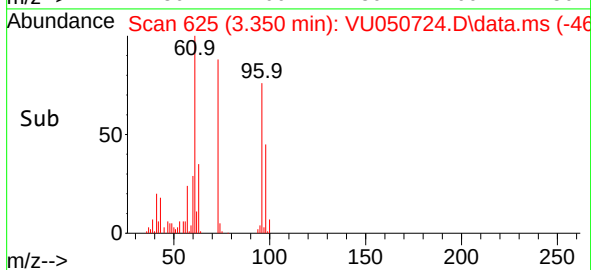
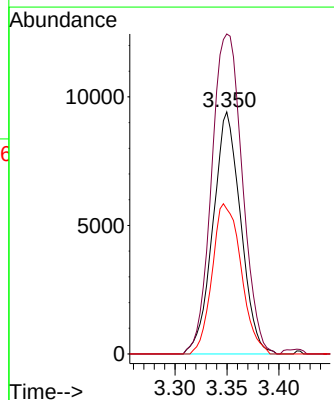
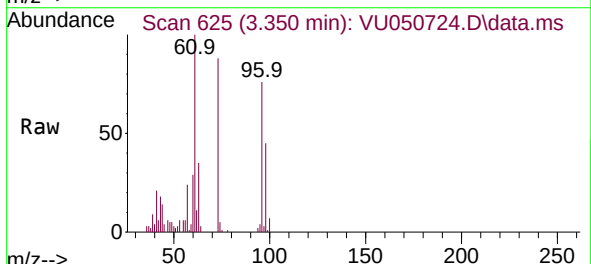


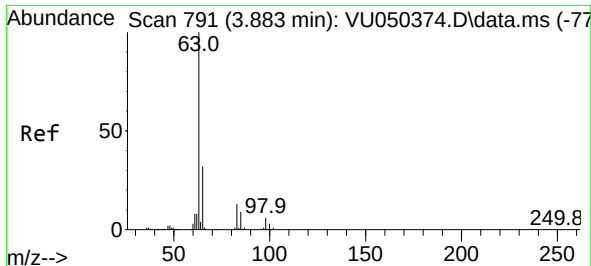
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 34906 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 123.3 | 104.6 | 157.0 |
| 51       | 40.8  | 0.0   | 81.4  |
| 86       | 58.6  | 52.6  | 78.8  |



#16  
trans-1,2-Dichloroethene  
Concen: 1.722 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

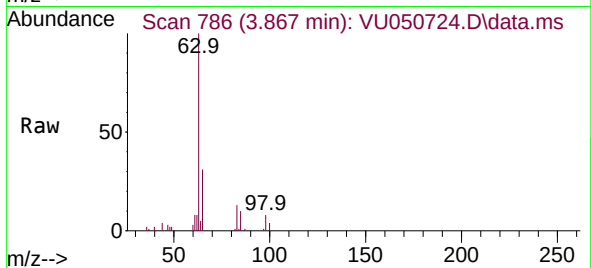
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 17477 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.1 | 123.4 | 185.0 |
| 98       | 59.9  | 51.6  | 77.4  |



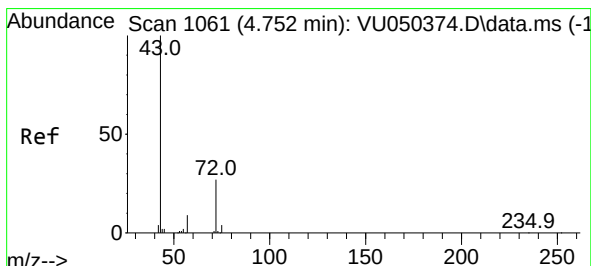
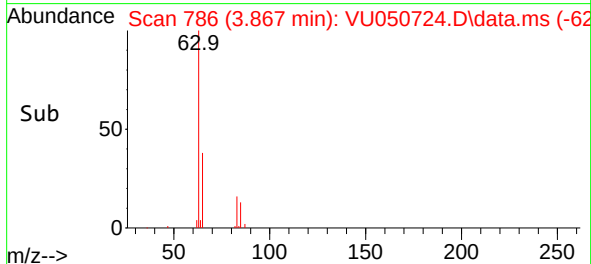
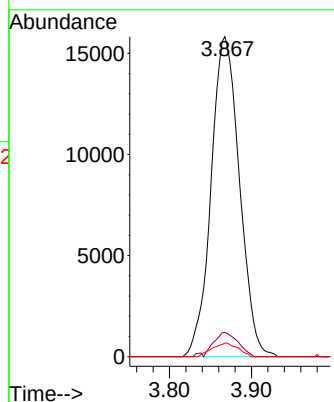


#17  
 1,1-Dichloroethane  
 Concen: 1.802 ug/l  
 RT: 3.867 min Scan# 71  
 Delta R.T. 0.003 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :

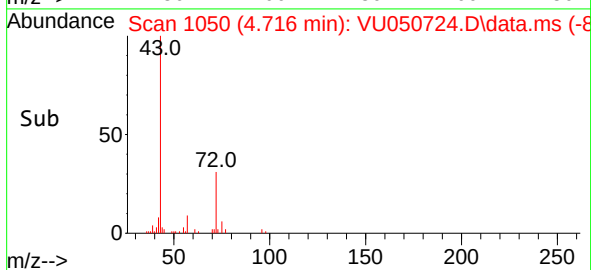
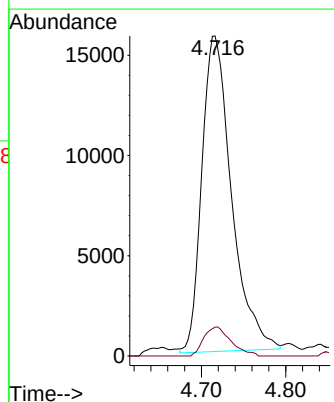
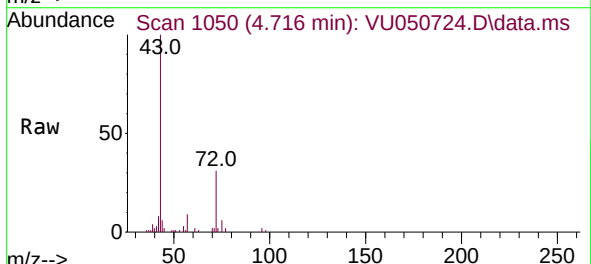


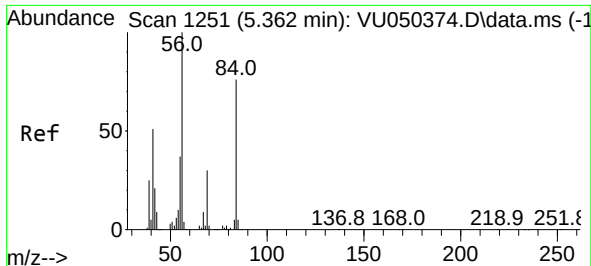
Tgt Ion: 63 Resp: 38093  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.4 10.2  
 100 4.2 2.0 6.0



#18  
 2-Butanone  
 Concen: 11.914 ug/l  
 RT: 4.716 min Scan# 1050  
 Delta R.T. -0.003 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

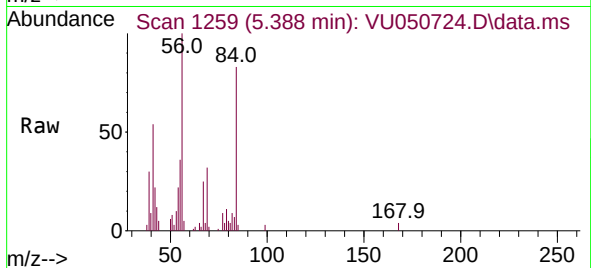
Tgt Ion: 43 Resp: 38611  
 Ion Ratio Lower Upper  
 43 100  
 57 9.2 0.0 18.0



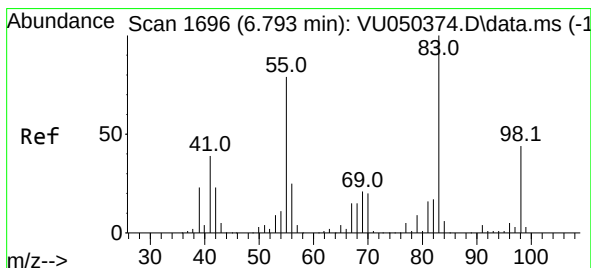
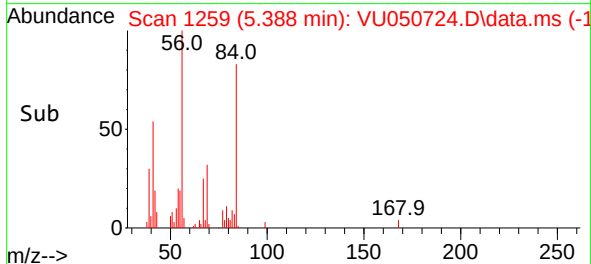
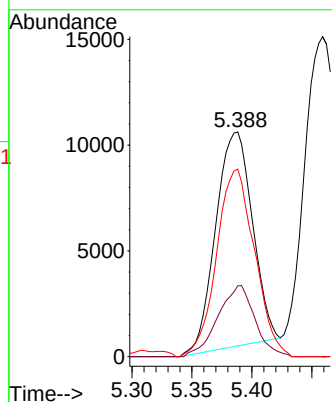


#19  
Cyclohexane  
Concen: 1.411 ug/l  
RT: 5.388 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Instrument :  
MSVOA\_U  
ClientSampleId :

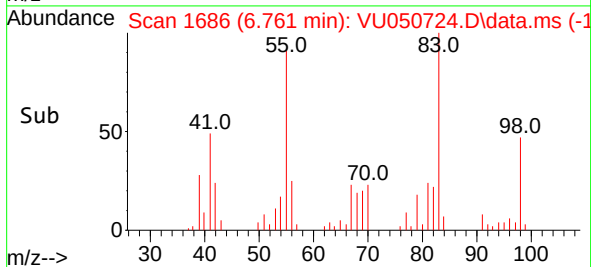
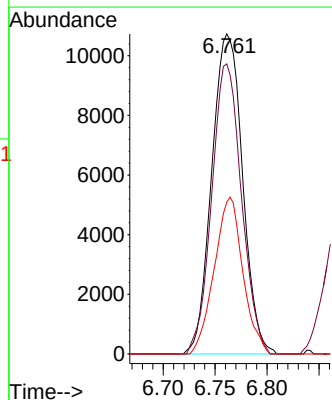
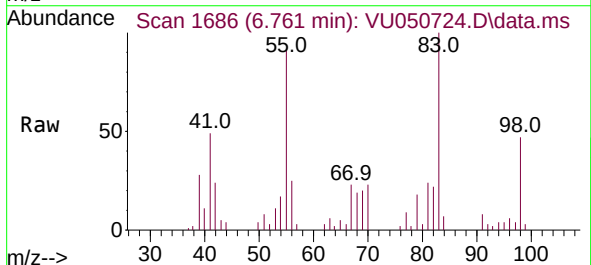


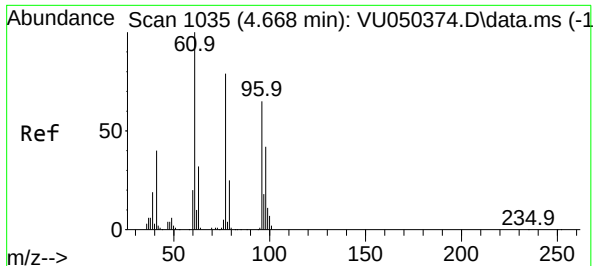
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 21657 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 33.3  | 24.2  | 36.4  |
| 84       | 90.2  | 63.4  | 95.2  |



#20  
Methylcyclohexane  
Concen: 1.829 ug/l  
RT: 6.761 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 22118 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 87.4  | 63.0  | 94.4  |
| 98       | 45.5  | 35.7  | 53.5  |





#21

2,2-Dichloropropane

Concen: 1.823 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

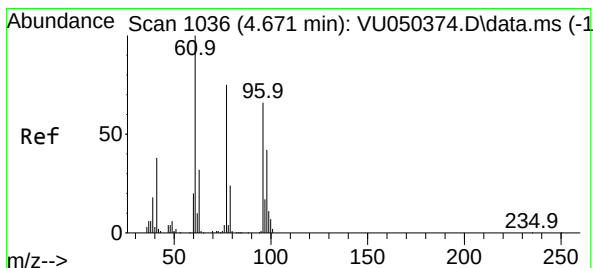
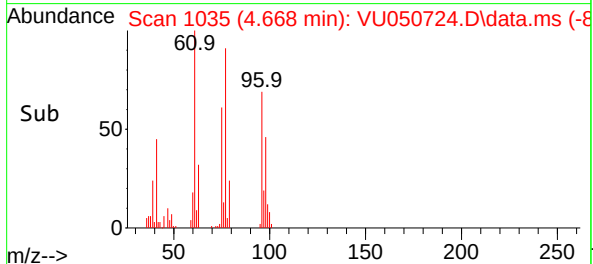
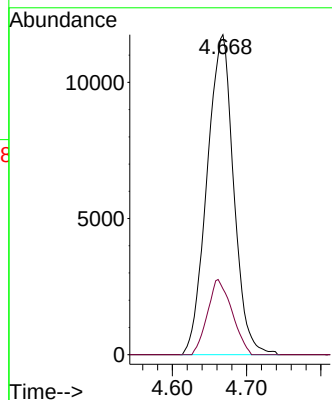
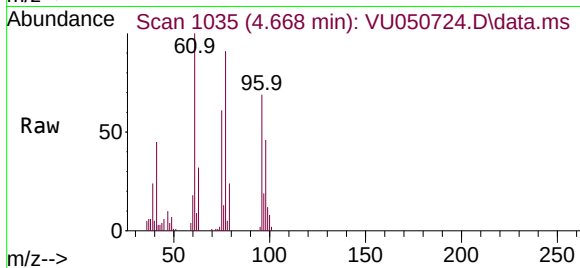
ClientSampleId :

Tgt Ion: 77 Resp: 29297

Ion Ratio Lower Upper

77 100

97 21.6 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 1.745 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

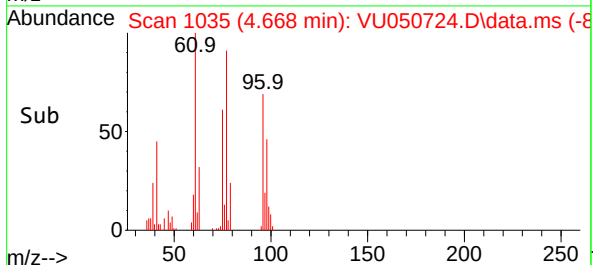
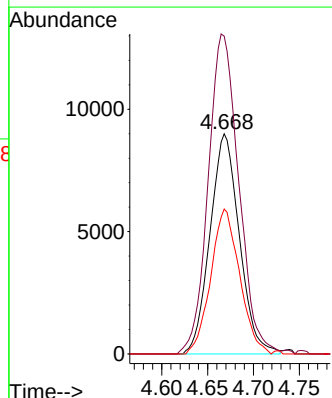
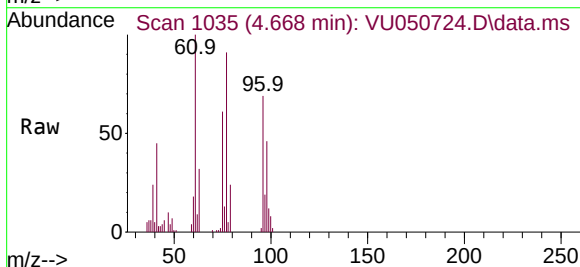
Tgt Ion: 96 Resp: 20042

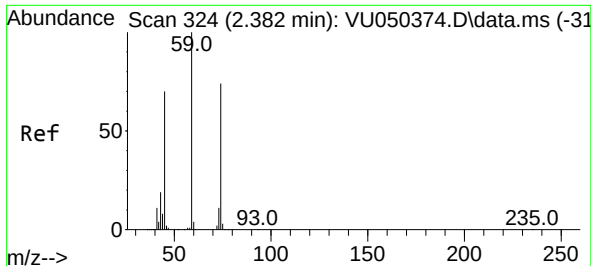
Ion Ratio Lower Upper

96 100

61 151.0 0.0 375.8

98 64.8 31.6 95.0

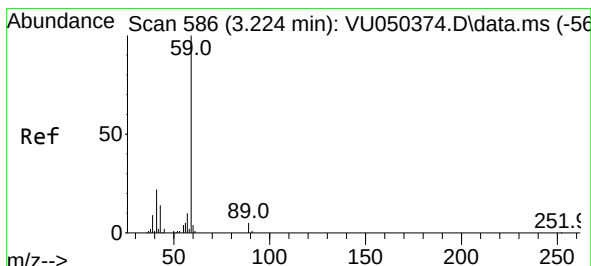
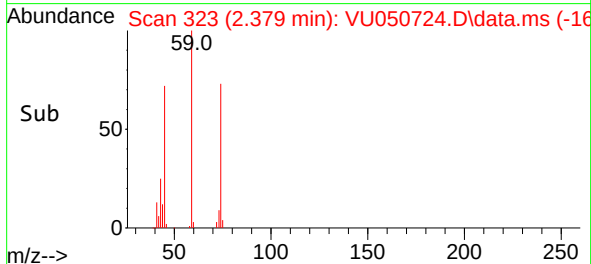
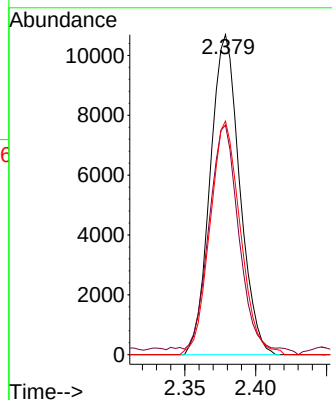
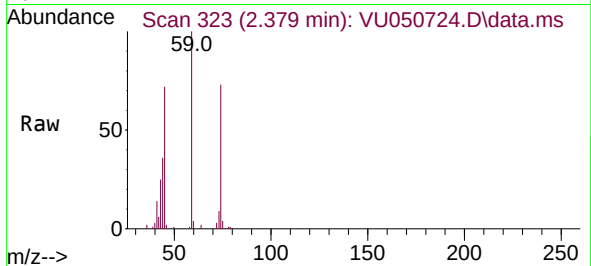




#23  
Diethyl Ether  
Concen: 1.834 ug/l  
RT: 2.379 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

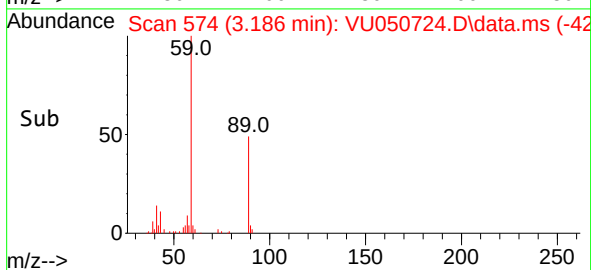
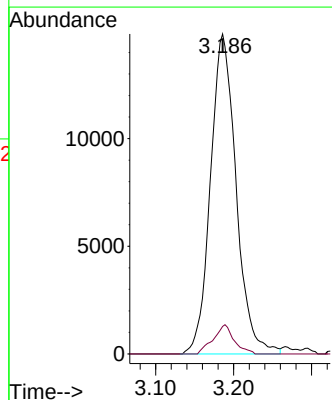
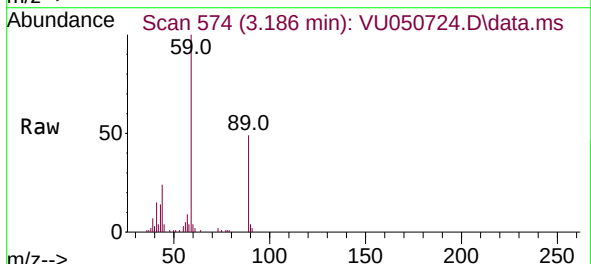
Instrument :  
MSVOA\_U  
ClientSampleId :

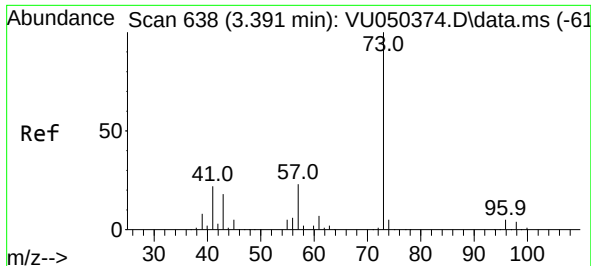
Tgt Ion: 59 Resp: 15479  
Ion Ratio Lower Upper  
59 100  
45 75.6 56.0 84.0  
74 75.1 57.6 86.4



#24  
tert-Butyl Alcohol  
Concen: 31.815 ug/l  
RT: 3.186 min Scan# 574  
Delta R.T. -0.009 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 59 Resp: 33977  
Ion Ratio Lower Upper  
59 100  
57 7.4 8.2 12.2#

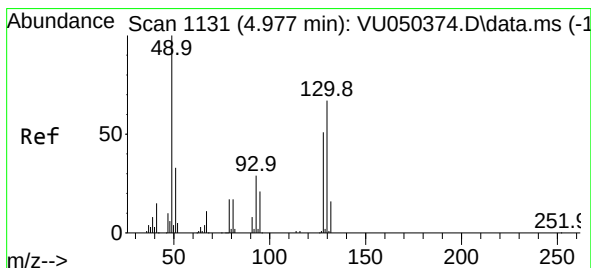
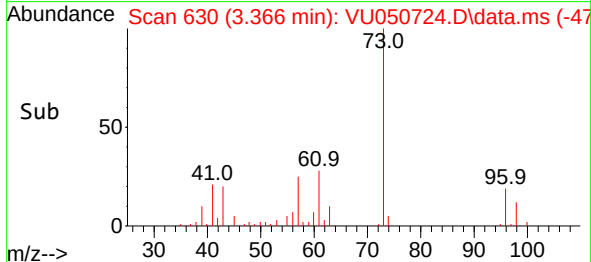
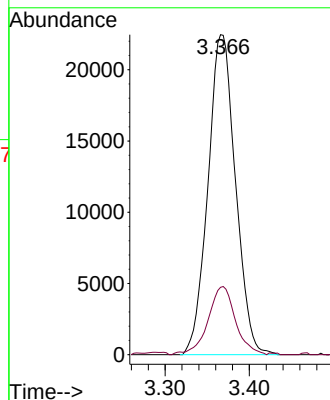
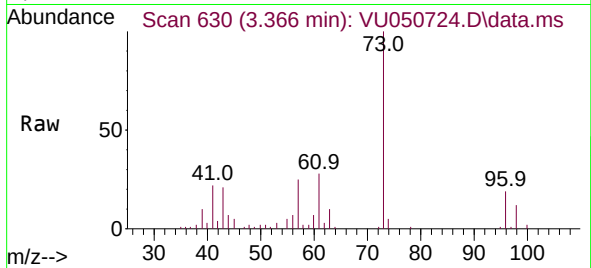




#25  
Methyl tert-Butyl Ether  
Concen: 1.957 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

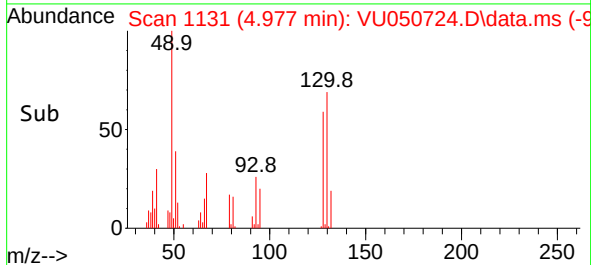
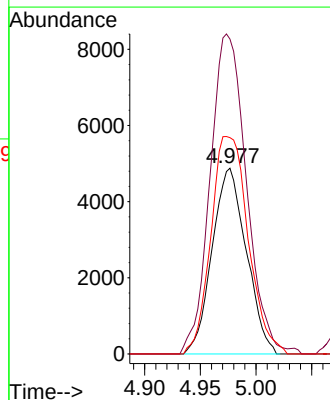
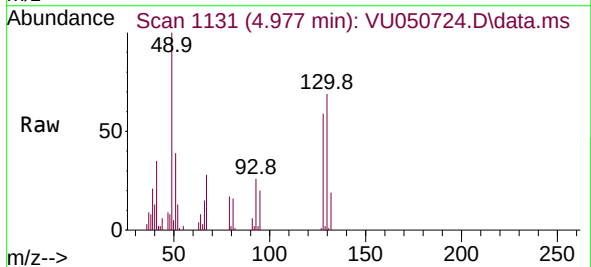
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 73 Resp: 51055  
Ion Ratio Lower Upper  
73 100  
43 21.2 15.9 23.9

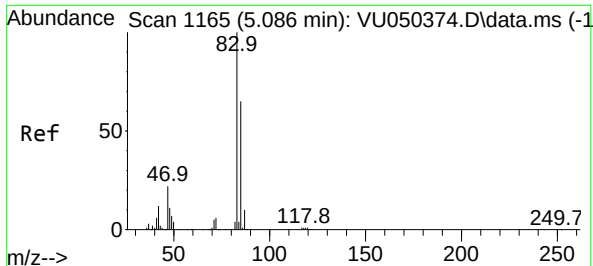


#26  
Bromochloromethane  
Concen: 2.260 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 128 Resp: 10417  
Ion Ratio Lower Upper  
128 100  
49 183.0 0.0 349.2  
130 127.8 103.0 154.6







#27

Chloroform

Concen: 1.847 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

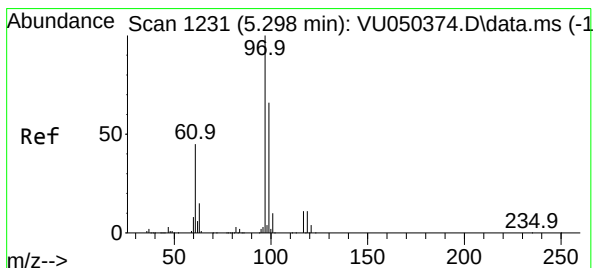
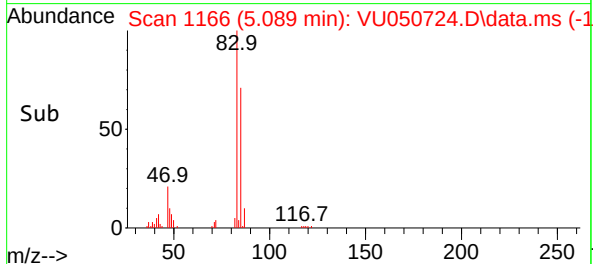
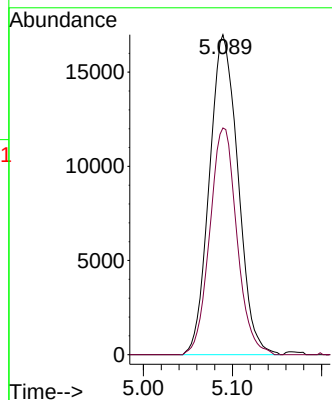
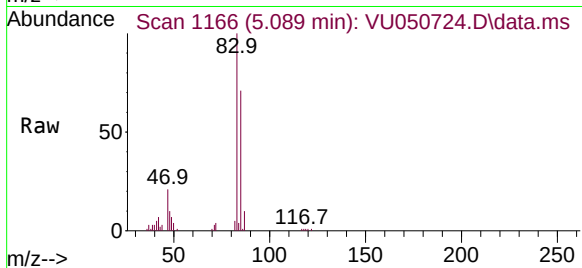
ClientSampleId :

Tgt Ion: 83 Resp: 37844

Ion Ratio Lower Upper

83 100

85 70.8 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 1.741 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

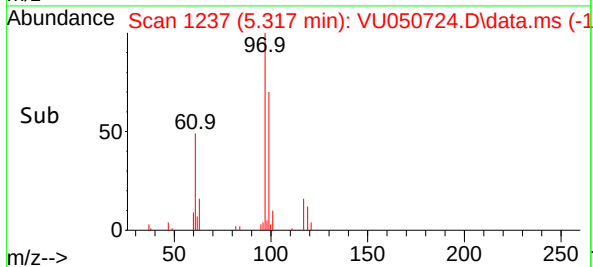
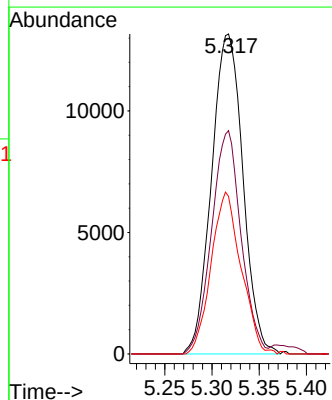
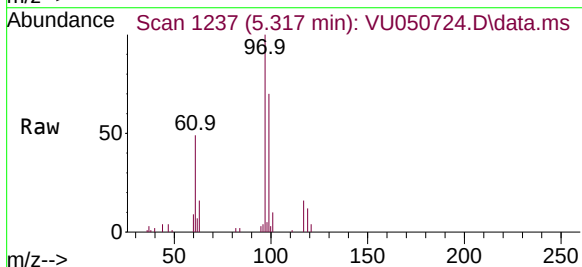
Tgt Ion: 97 Resp: 30435

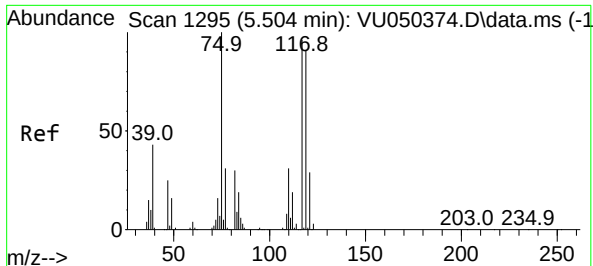
Ion Ratio Lower Upper

97 100

99 65.8 32.1 96.5

61 48.2 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.732 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

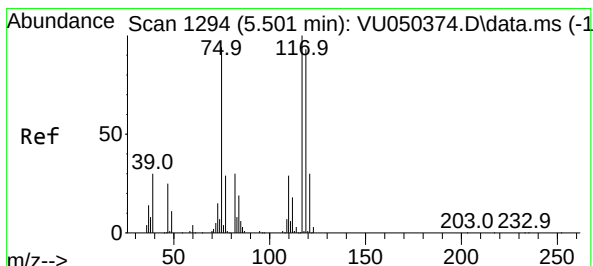
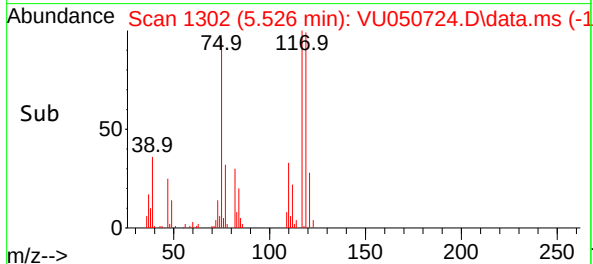
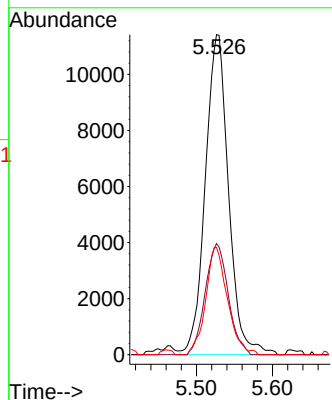
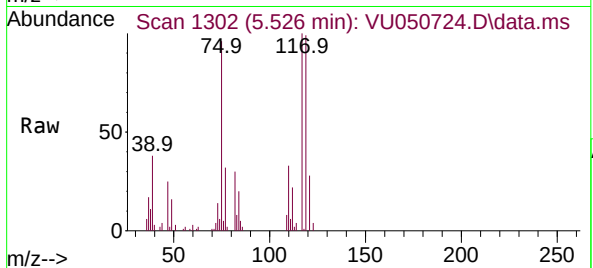
Tgt Ion: 75 Resp: 24255

Ion Ratio Lower Upper

75 100

110 34.2 17.3 52.0

77 31.6 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.758 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

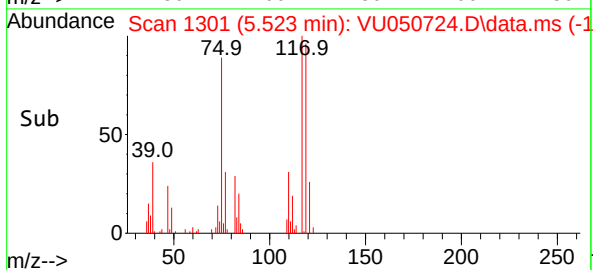
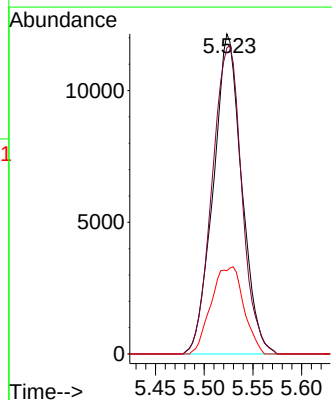
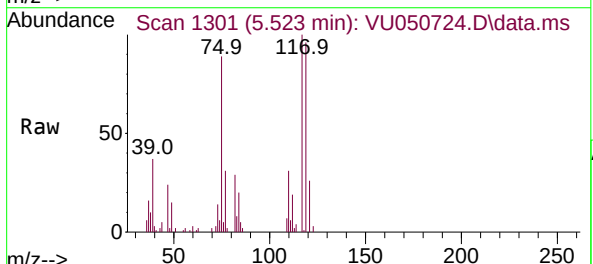
Tgt Ion: 117 Resp: 24608

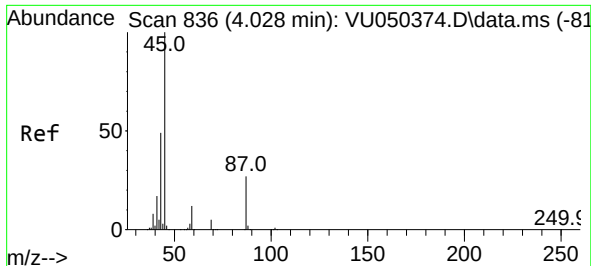
Ion Ratio Lower Upper

117 100

119 95.7 74.6 112.0

121 26.0 24.2 36.4

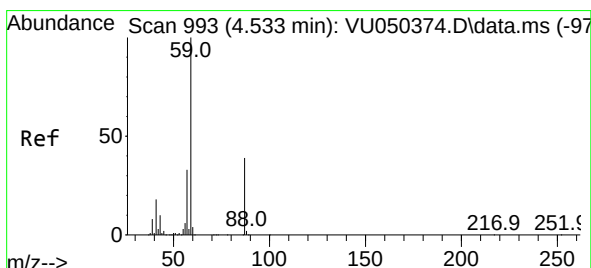
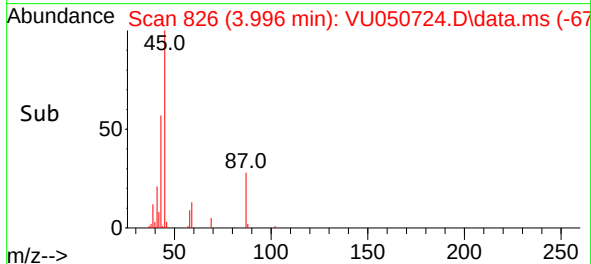
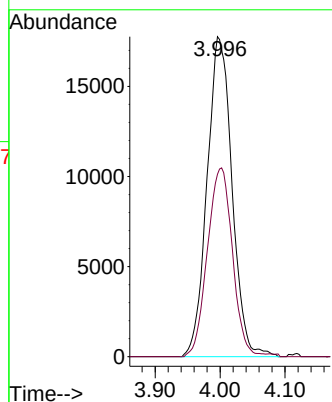
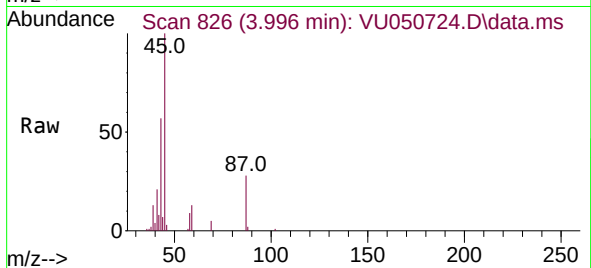




#31  
Isopropyl Ether  
Concen: 1.445 ug/l  
RT: 3.996 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

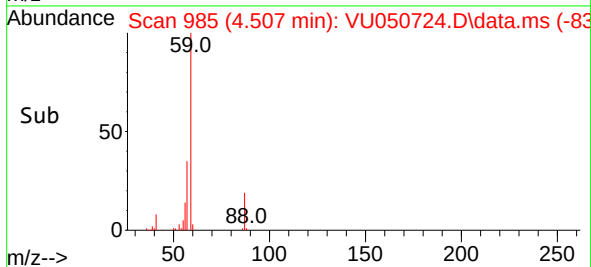
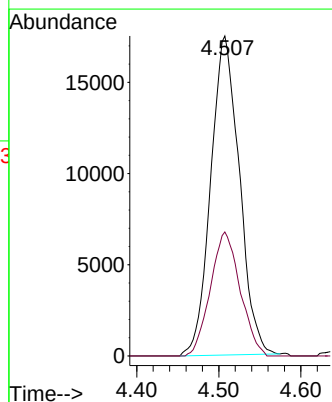
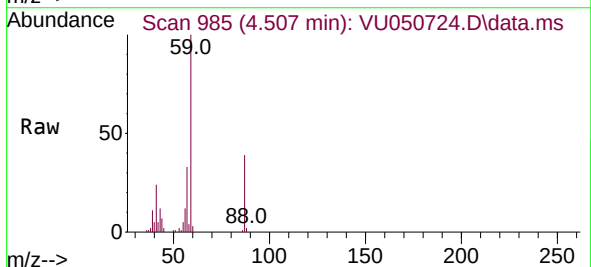
Instrument :  
MSVOA\_U  
ClientSampleId :

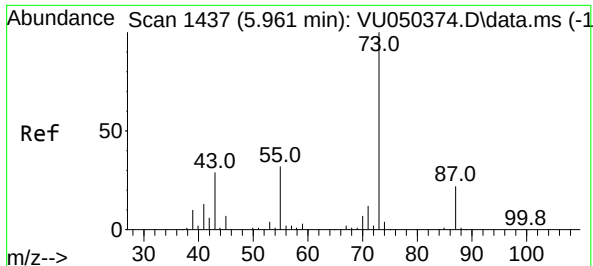
Tgt Ion: 45 Resp: 47418  
Ion Ratio Lower Upper  
45 100  
43 59.2 23.8 71.2



#32  
Ethyl-t-butyl ether  
Concen: 1.648 ug/l  
RT: 4.507 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 59 Resp: 42476  
Ion Ratio Lower Upper  
59 100  
87 40.3 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 2.260 ug/l

RT: 5.944 min Scan# 1437

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

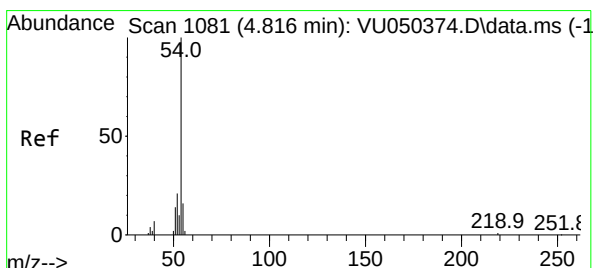
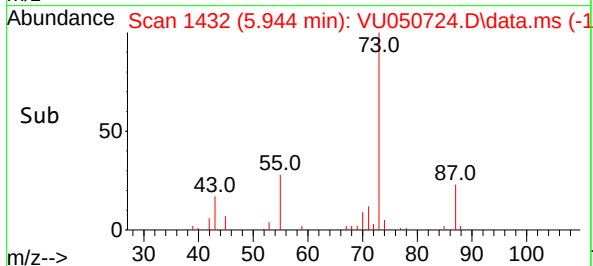
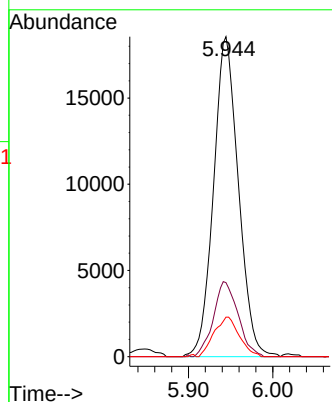
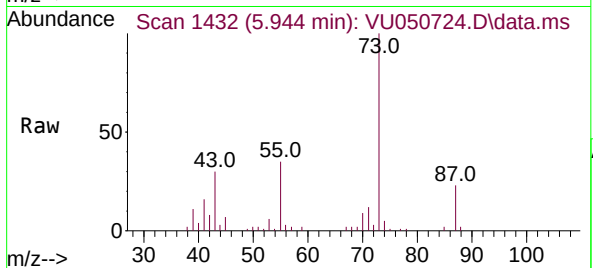
Tgt Ion: 73 Resp: 37966

Ion Ratio Lower Upper

73 100

87 23.3 19.7 29.5

71 12.5 9.0 13.4



#34

Propionitrile

Concen: 13.878 ug/l

RT: 4.784 min Scan# 1071

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Tgt Ion: 54 Resp: 13285

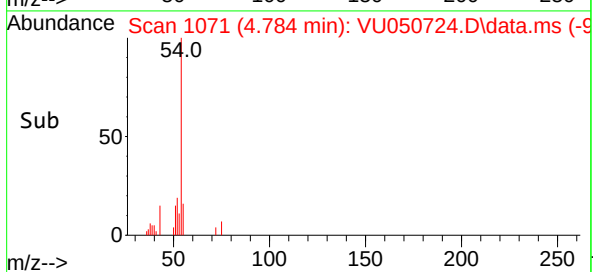
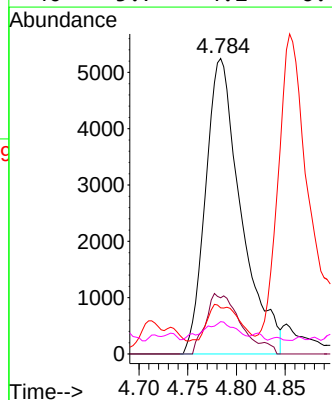
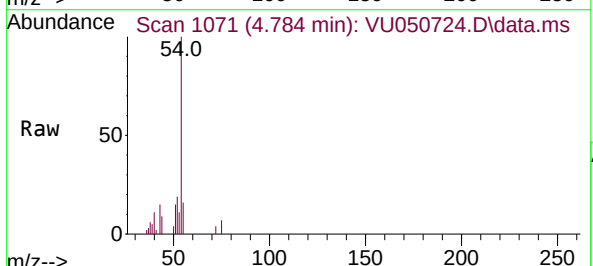
Ion Ratio Lower Upper

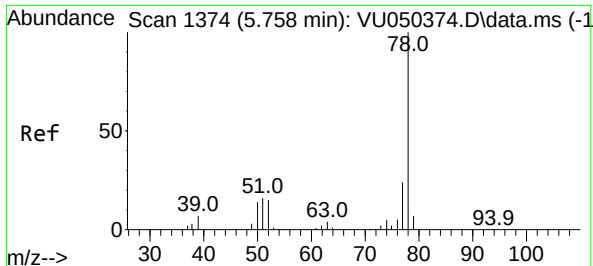
54 100

52 20.2 15.0 22.6

55 9.9 12.6 19.0

40 5.7 4.2 6.4

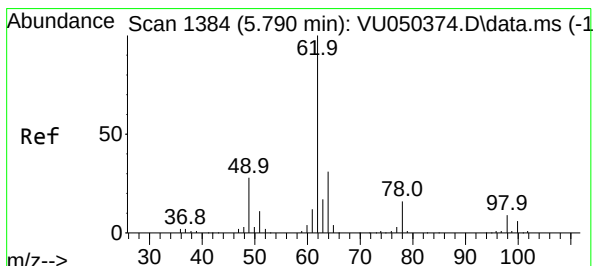
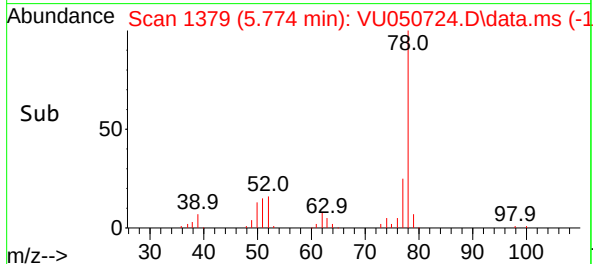
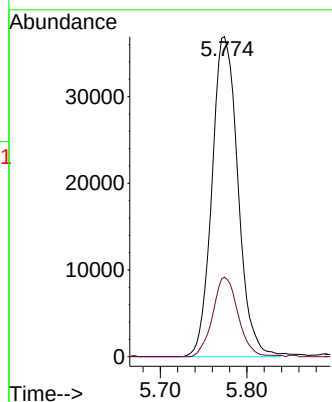
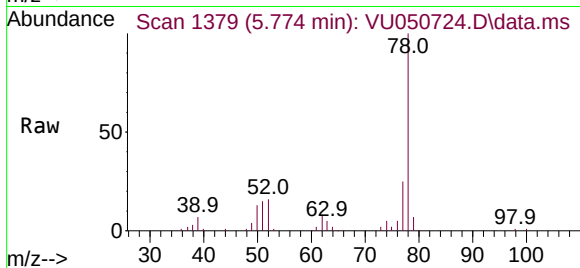




#35  
Benzene  
Concen: 1.870 ug/l  
RT: 5.774 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

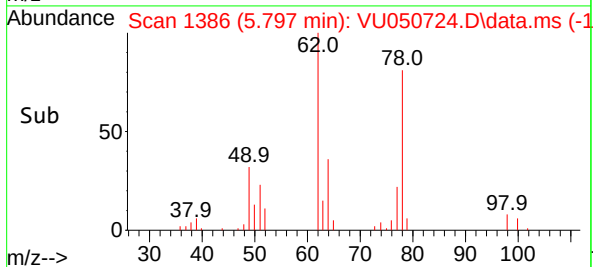
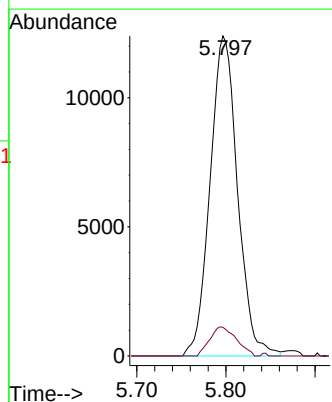
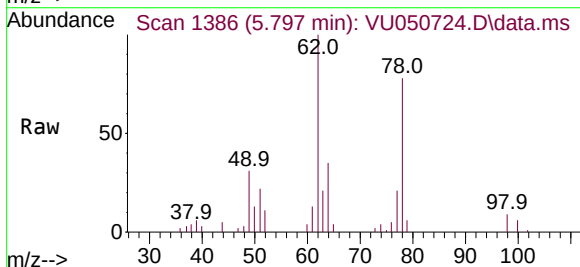
Instrument :  
MSVOA\_U  
ClientSampleId :

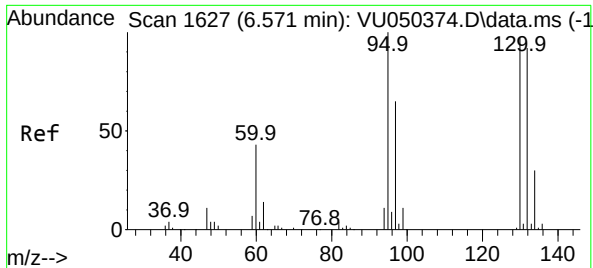
Tgt Ion: 78 Resp: 76992  
Ion Ratio Lower Upper  
78 100  
77 24.8 18.6 28.0



#36  
1,2-Dichloroethane  
Concen: 2.114 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 62 Resp: 26580  
Ion Ratio Lower Upper  
62 100  
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 1.810 ug/l

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

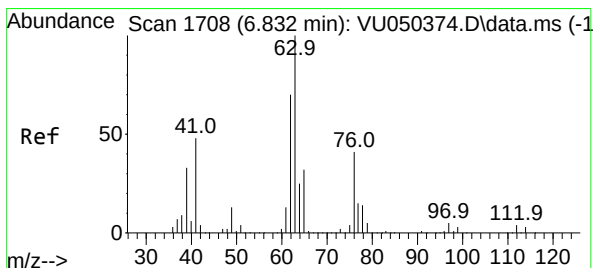
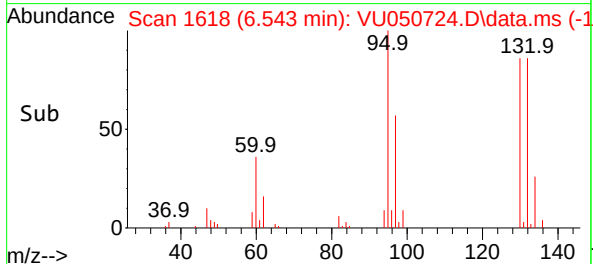
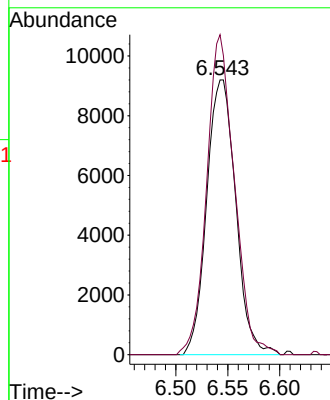
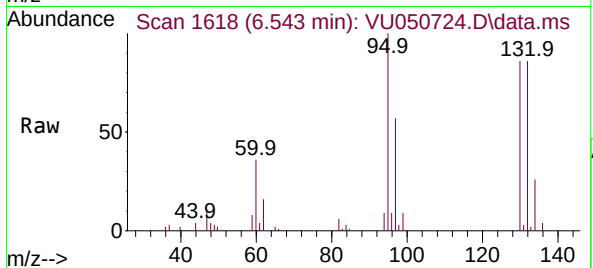
ClientSampleId :

Tgt Ion:130 Resp: 17862

Ion Ratio Lower Upper

130 100

95 116.5 83.8 125.8



#38

1,2-Dichloropropane

Concen: 2.060 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU050724.D

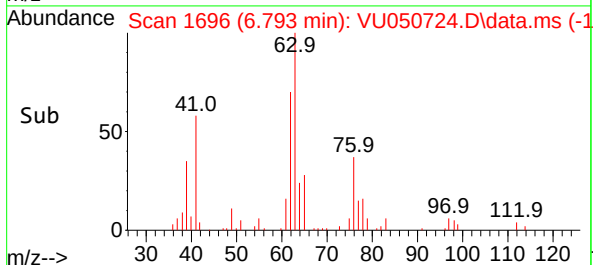
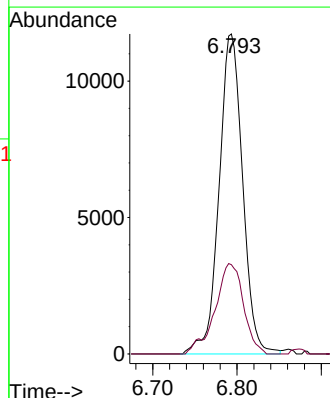
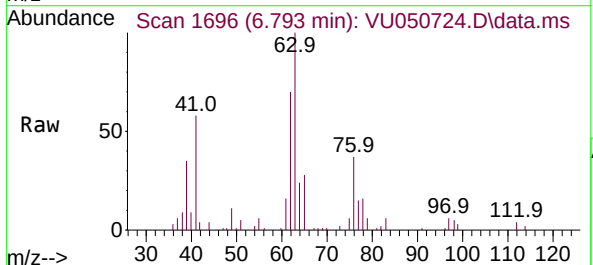
Acq: 16 Sep 2022 14:14

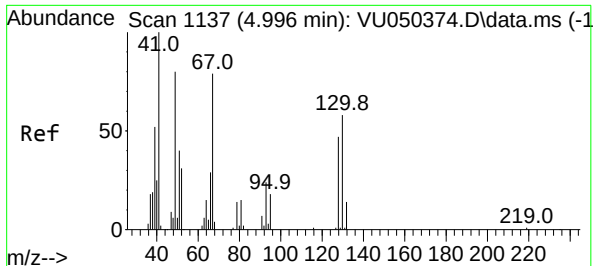
Tgt Ion: 63 Resp: 22768

Ion Ratio Lower Upper

63 100

65 27.9 25.0 37.4





#39

Methacrylonitrile

Concen: 1.772 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

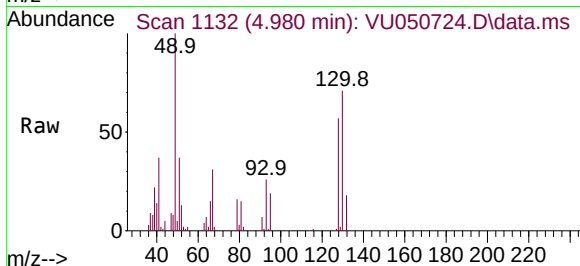
Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion: 41 Resp: 6961

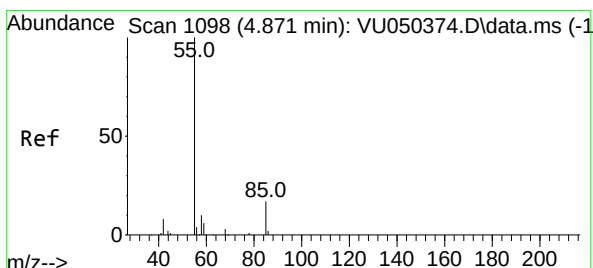
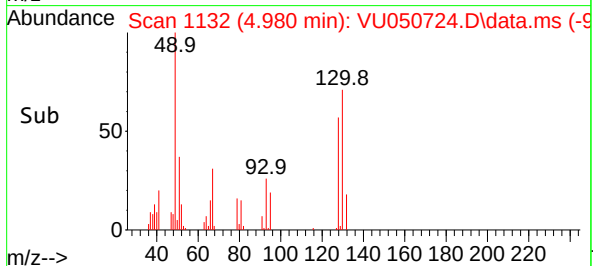
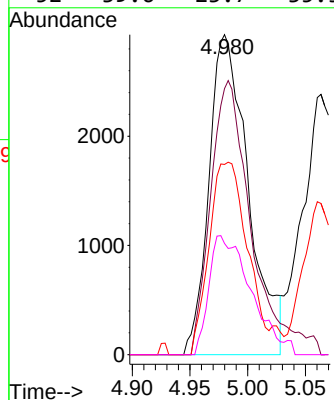
Ion Ratio Lower Upper

41 100

67 88.6 59.4 89.0

39 58.4 42.2 63.2

52 39.6 23.7 35.5#



#40

Methyl acrylate

Concen: 1.935 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Tgt Ion: 55 Resp: 11579

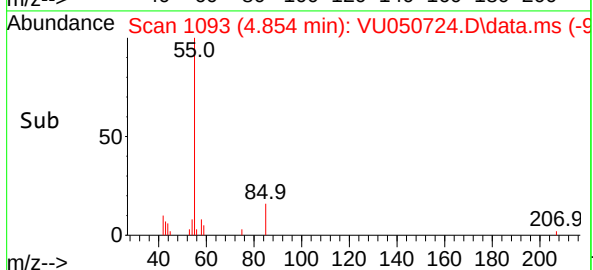
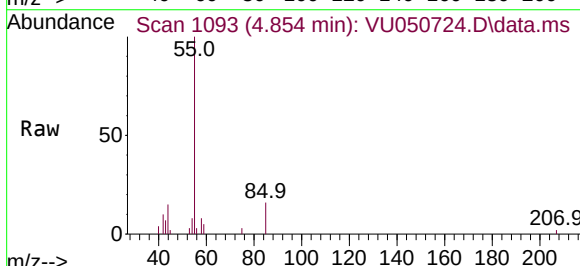
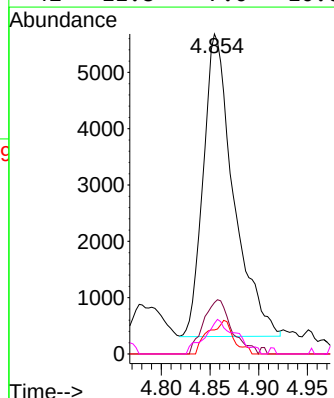
Ion Ratio Lower Upper

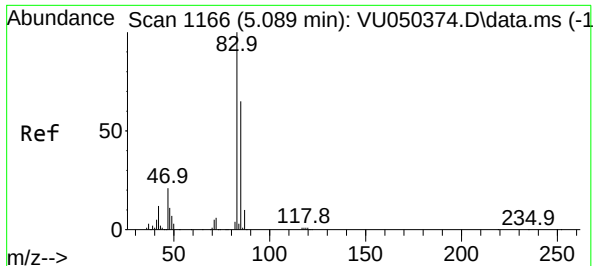
55 100

85 16.7 13.5 20.3

58 9.3 7.0 10.4

42 11.8 7.0 10.6#





#41

Tetrahydrofuran

Concen: 4.802 ug/l

RT: 5.060 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

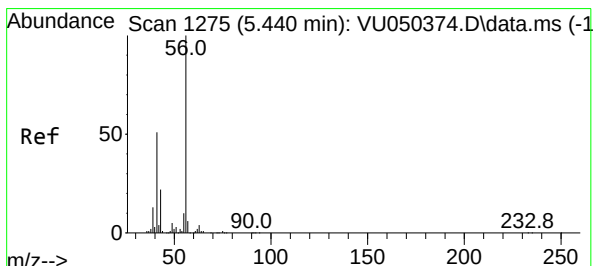
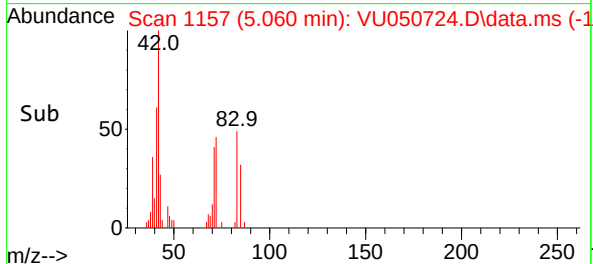
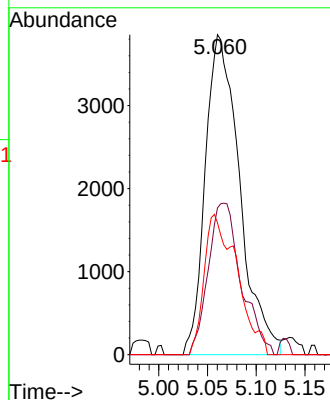
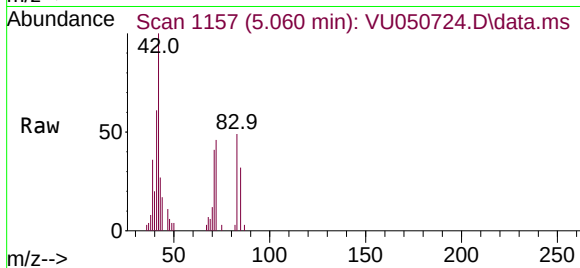
Tgt Ion: 42 Resp: 9444

Ion Ratio Lower Upper

42 100

72 45.5 38.9 58.3

71 42.1 33.7 50.5



#42

1-Chlorobutane

Concen: 1.588 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU050724.D

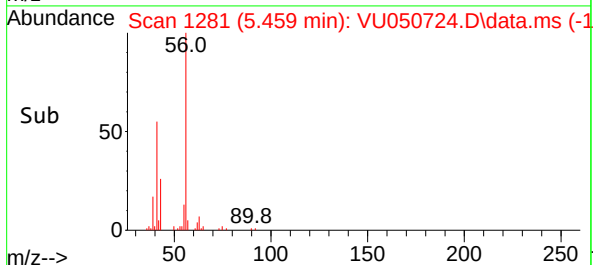
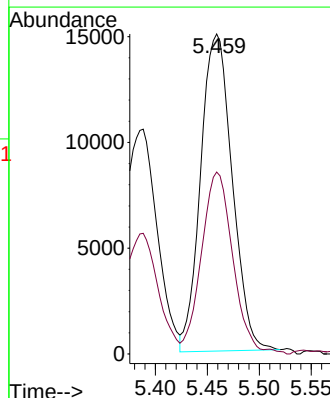
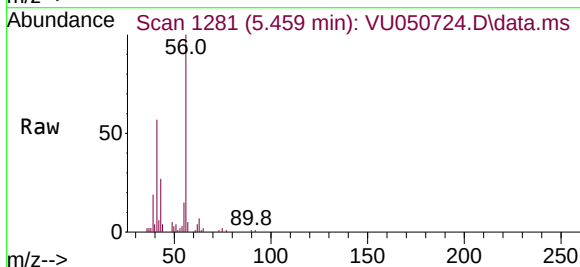
Acq: 16 Sep 2022 14:14

Tgt Ion: 56 Resp: 31672

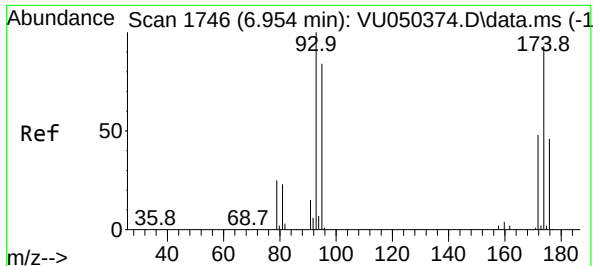
Ion Ratio Lower Upper

56 100

41 57.2 26.4 79.2







#43

Dibromomethane

Concen: 2.172 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

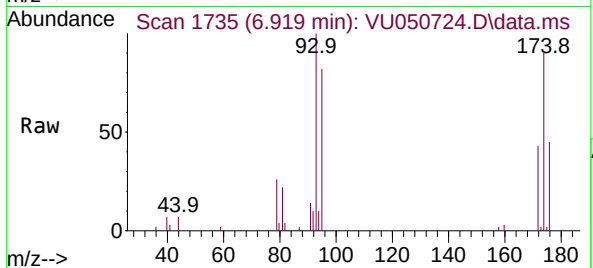
Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :



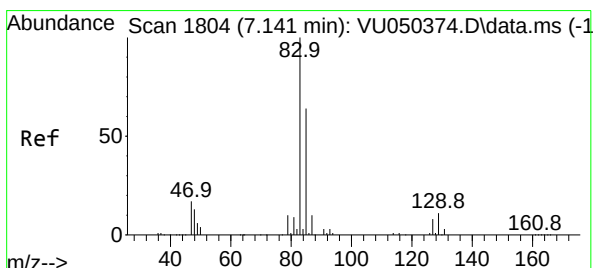
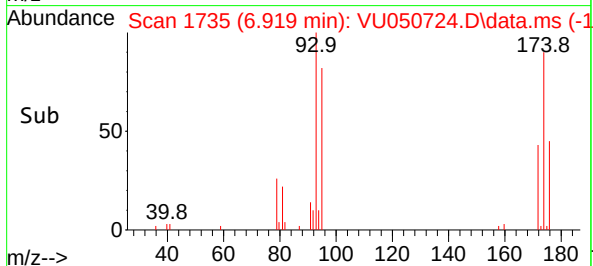
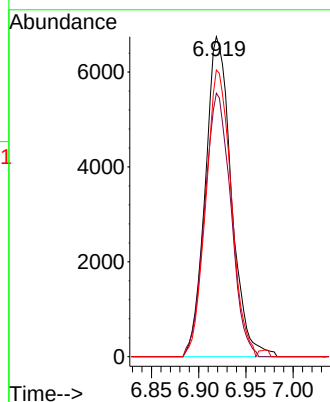
Tgt Ion: 93 Resp: 12937

Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.6

174 87.2 76.3 114.5



#44

Bromodichloromethane

Concen: 2.043 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

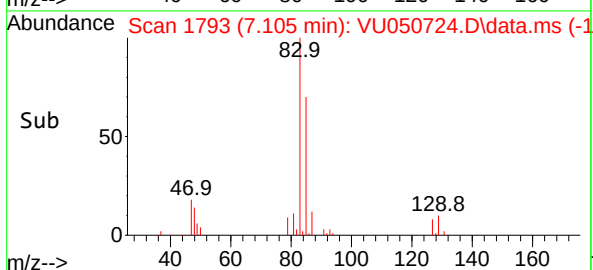
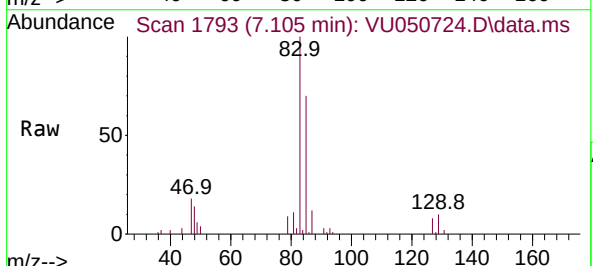
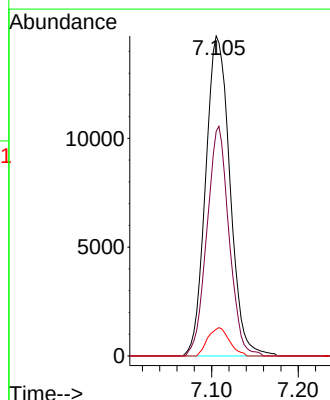
Tgt Ion: 83 Resp: 28721

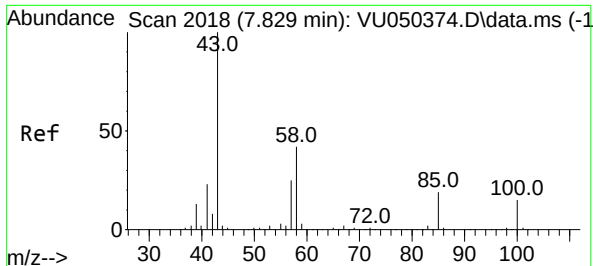
Ion Ratio Lower Upper

83 100

85 70.2 49.4 74.0

127 8.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 13.242 ug/l

RT: 7.796 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VU050724.D

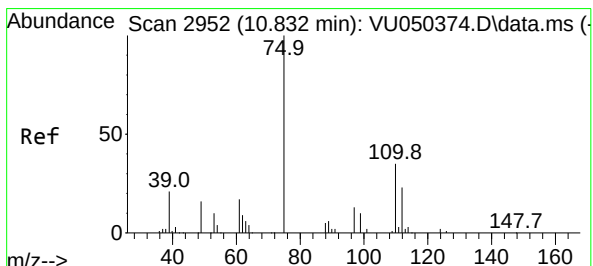
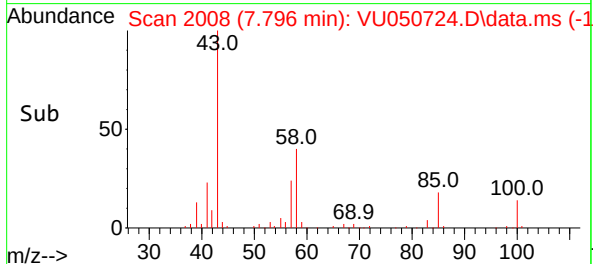
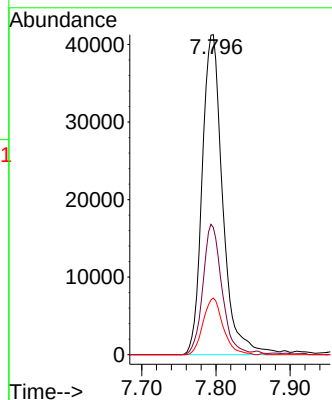
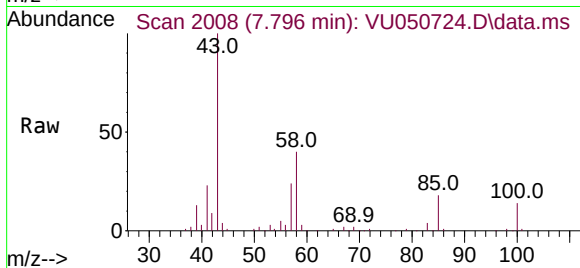
Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 79185 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.8  | 20.3  | 61.0  |
| 85       | 17.2  | 14.6  | 21.8  |



#46

t-1,4-Dichloro-2-butene

Concen: 8.474 ug/l

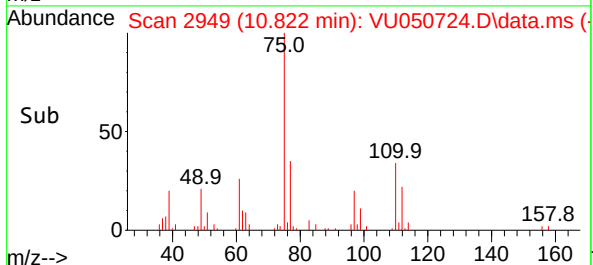
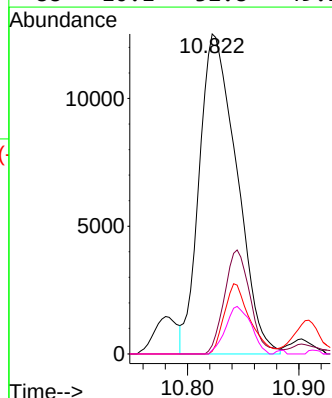
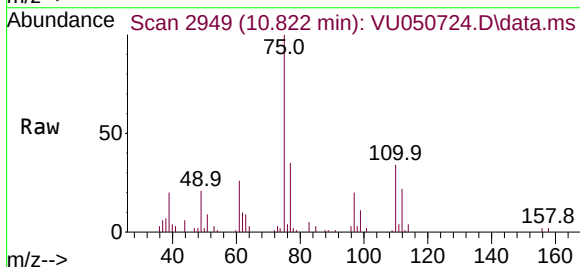
RT: 10.822 min Scan# 2949

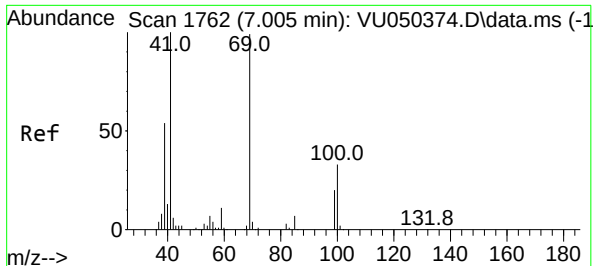
Delta R.T. -0.010 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 29156 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 22.7  | 64.4  | 96.6# |
| 89       | 15.0  | 44.2  | 66.2# |
| 88       | 10.1  | 32.8  | 49.2# |





#47

Methyl methacrylate

Concen: 4.833 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 69 Resp: 22463

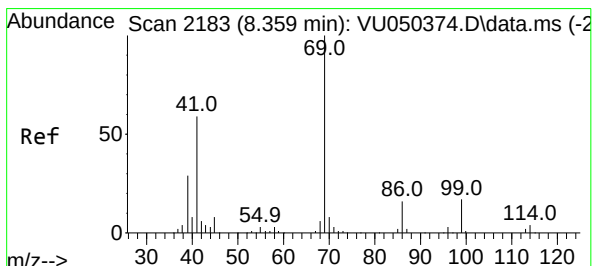
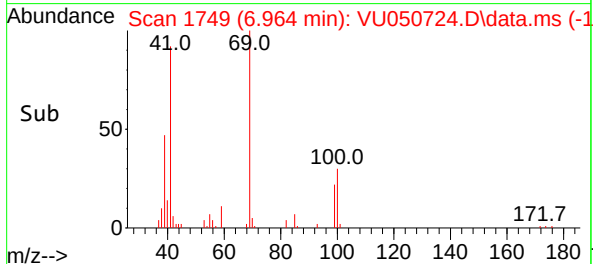
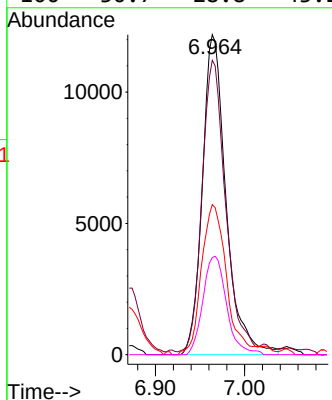
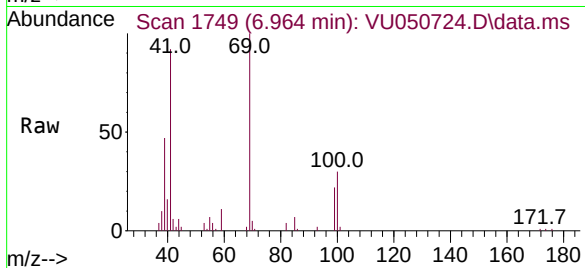
Ion Ratio Lower Upper

69 100

41 90.2 0.0 225.4

39 50.0 45.8 68.8

100 30.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 2.127 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU050724.D

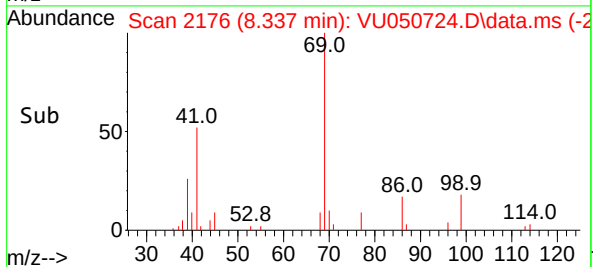
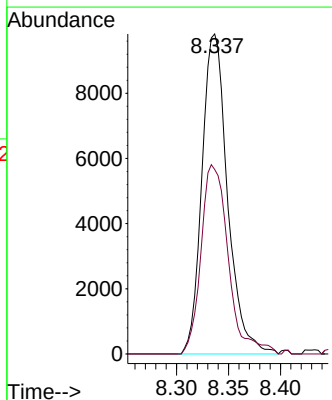
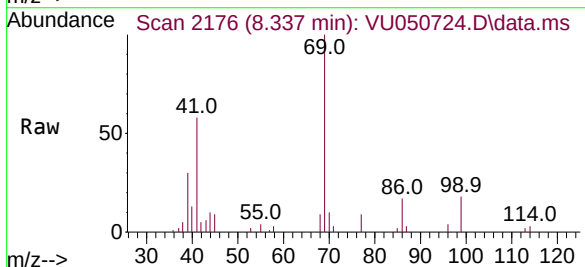
Acq: 16 Sep 2022 14:14

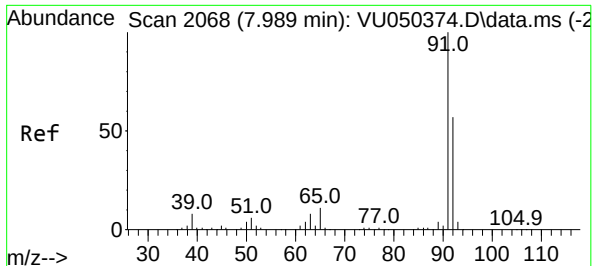
Tgt Ion: 69 Resp: 16835

Ion Ratio Lower Upper

69 100

41 62.9 32.3 96.9





#49

Toluene

Concen: 1.778 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

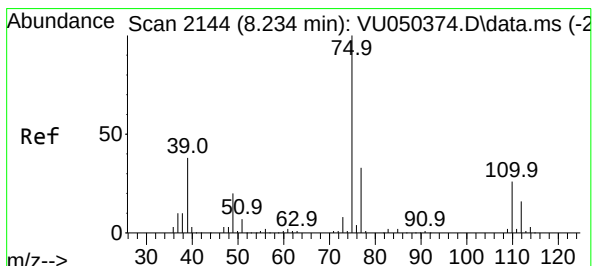
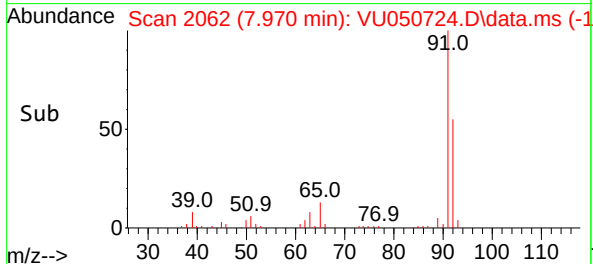
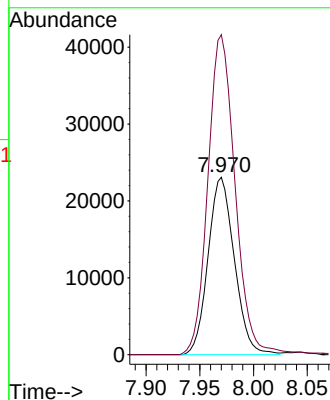
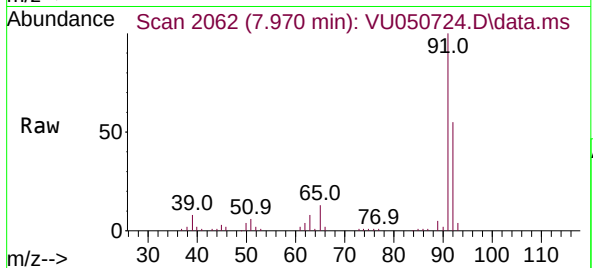
ClientSampleId :

Tgt Ion: 92 Resp: 39336

Ion Ratio Lower Upper

92 100

91 187.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 2.063 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050724.D

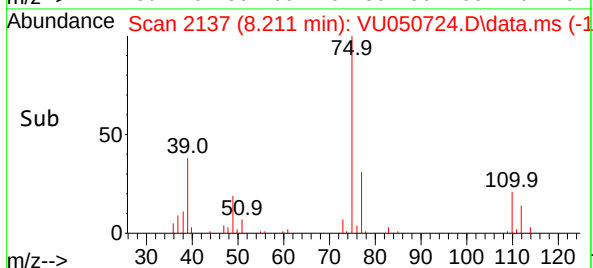
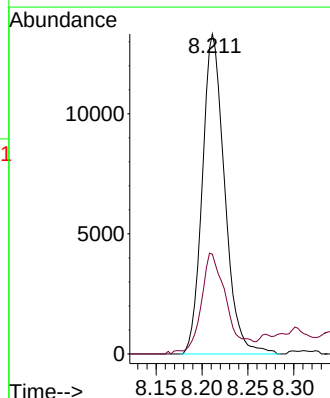
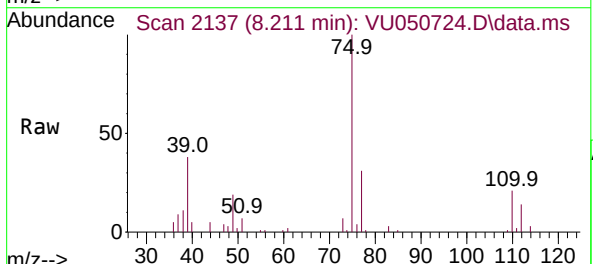
Acq: 16 Sep 2022 14:14

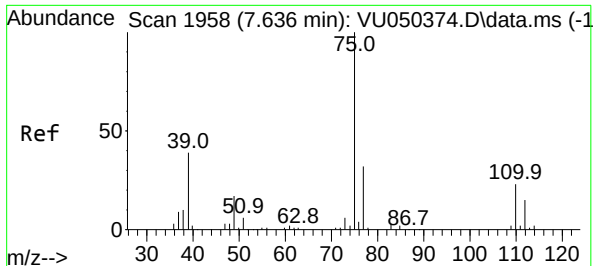
Tgt Ion: 75 Resp: 22580

Ion Ratio Lower Upper

75 100

77 30.2 24.7 37.1

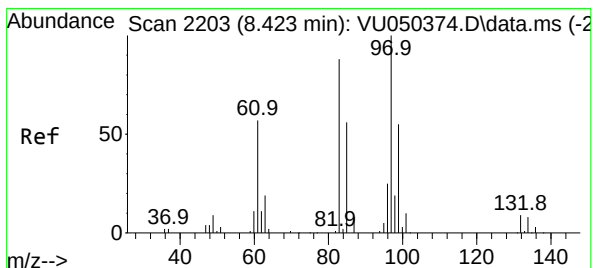
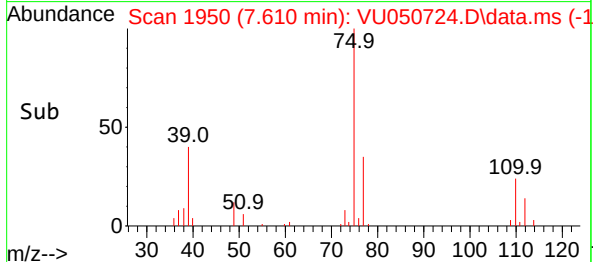
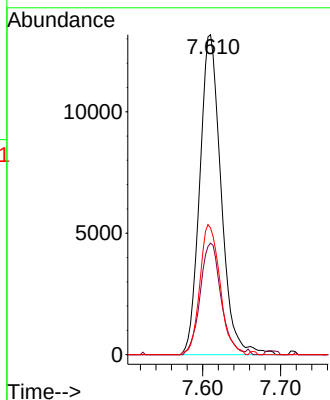
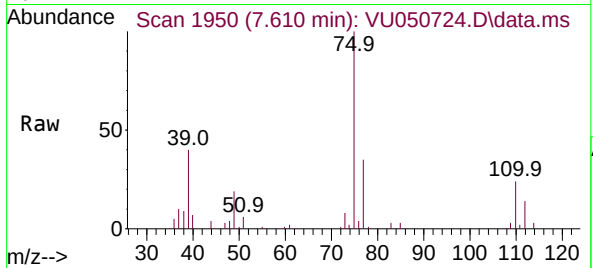




#51  
 cis-1,3-Dichloropropene  
 Concen: 1.993 ug/l  
 RT: 7.610 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

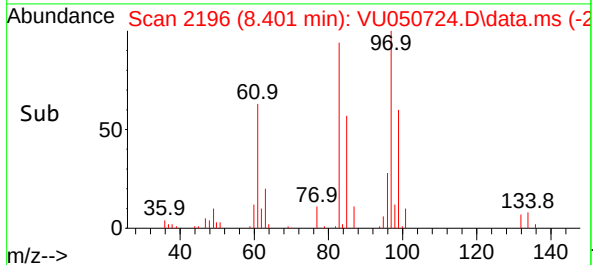
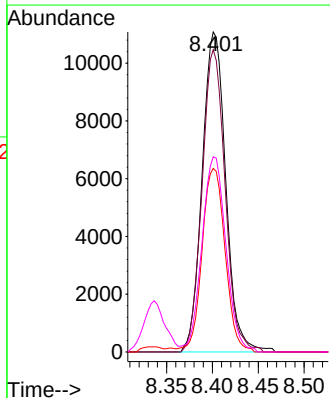
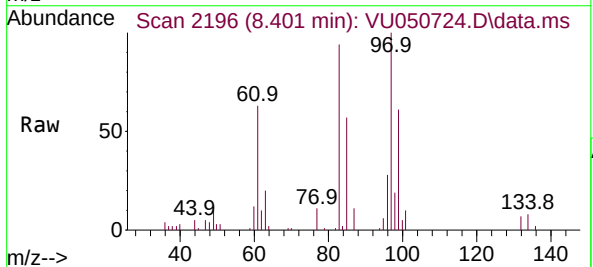
Instrument :  
 MSVOA\_U  
 ClientSampleId :

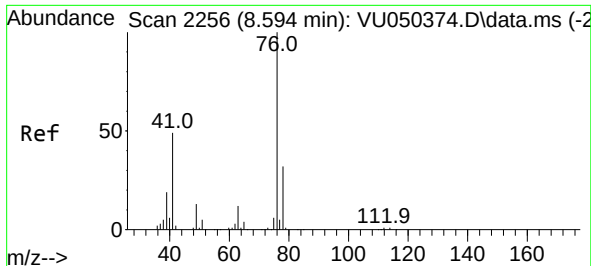
Tgt Ion: 75 Resp: 24980  
 Ion Ratio Lower Upper  
 75 100  
 77 34.9 25.4 38.0  
 39 39.6 35.1 52.7



#52  
 1,1,2-Trichloroethane  
 Concen: 2.261 ug/l  
 RT: 8.401 min Scan# 2196  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion: 97 Resp: 19793  
 Ion Ratio Lower Upper  
 97 100  
 83 94.5 70.6 106.0  
 85 57.3 46.2 69.4  
 99 61.0 50.0 75.0





#53

1,3-Dichloropropane

Concen: 2.204 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

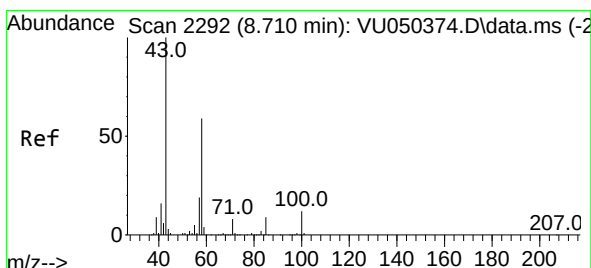
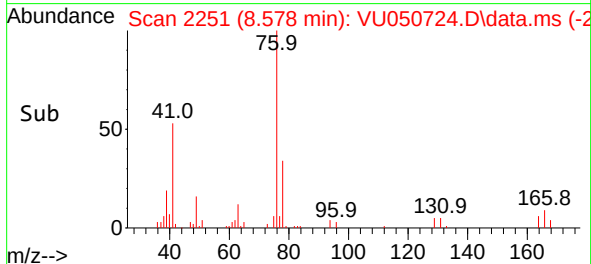
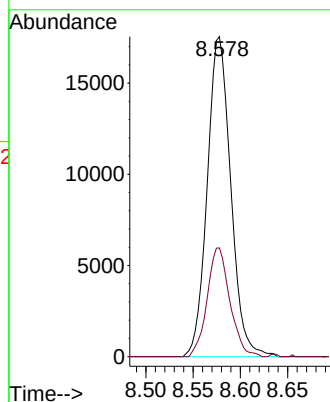
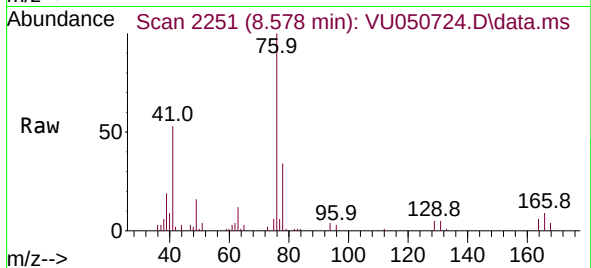
ClientSampleId :

Tgt Ion: 76 Resp: 30383

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#54

2-Hexanone

Concen: 13.326 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

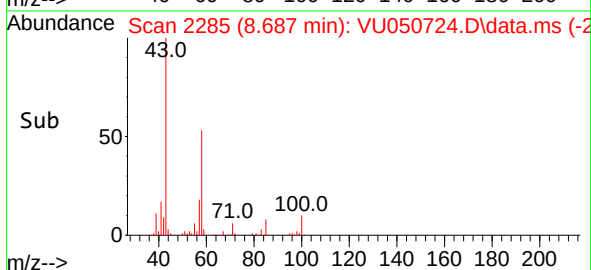
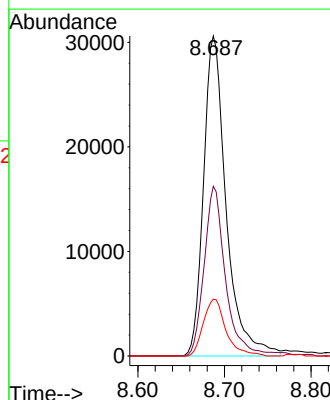
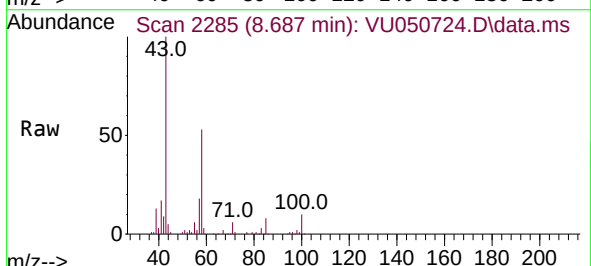
Tgt Ion: 43 Resp: 55497

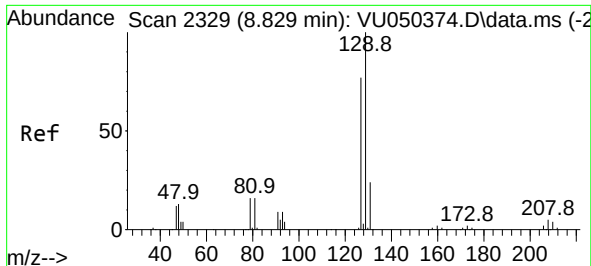
Ion Ratio Lower Upper

43 100

58 50.6 37.1 77.1

57 17.7 0.0 39.5

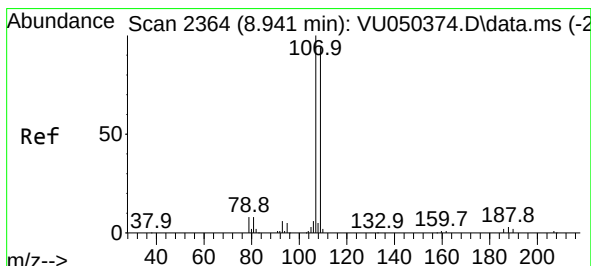
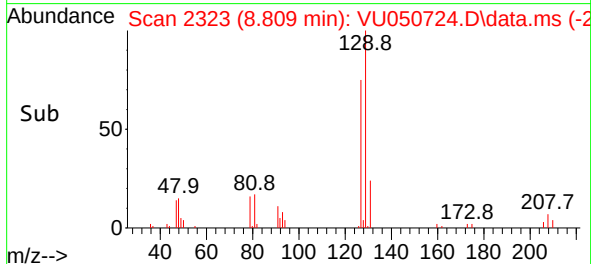
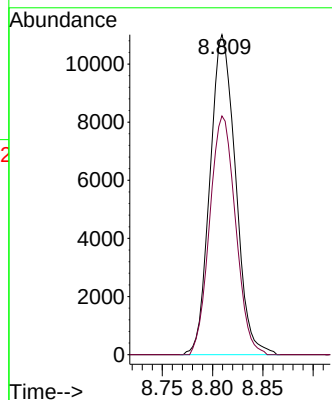
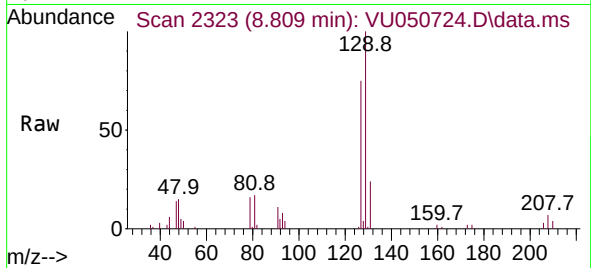




#55  
Dibromochloromethane  
Concen: 2.024 ug/l  
RT: 8.809 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

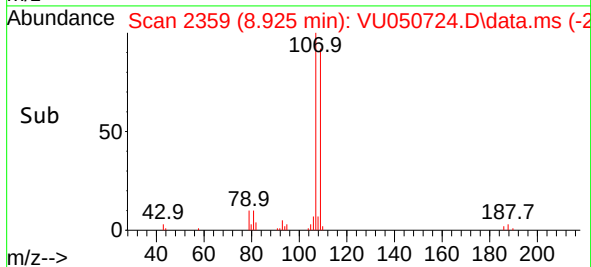
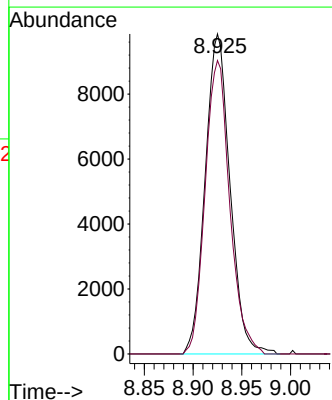
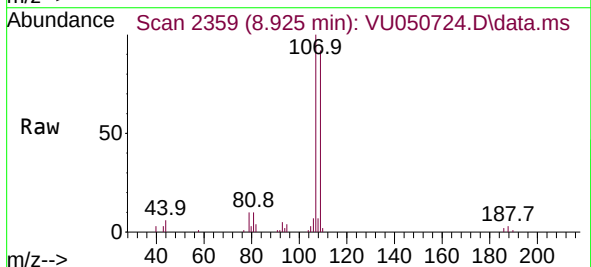
Instrument :  
MSVOA\_U  
ClientSampleId :

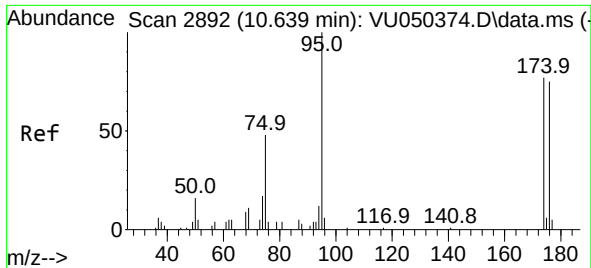
Tgt Ion:129 Resp: 19490  
Ion Ratio Lower Upper  
129 100  
127 75.3 61.2 91.8



#56  
1,2-Dibromoethane  
Concen: 2.218 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion:107 Resp: 17442  
Ion Ratio Lower Upper  
107 100  
109 90.9 0.0 187.2

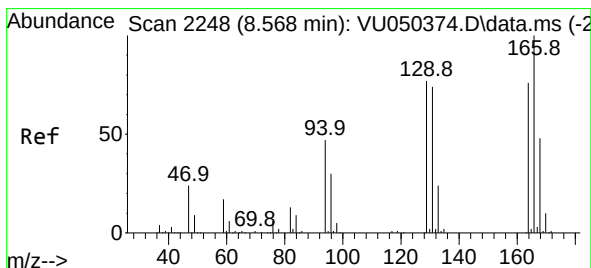
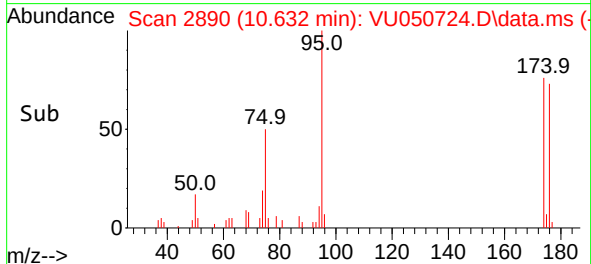
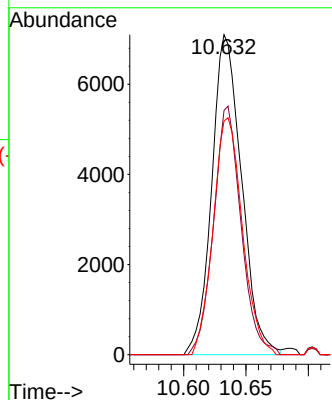
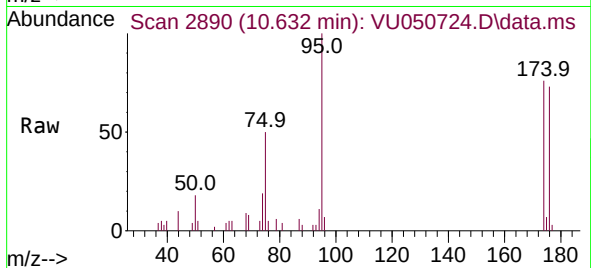




#57  
4-Bromofluorobenzene  
Concen: 1.039 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

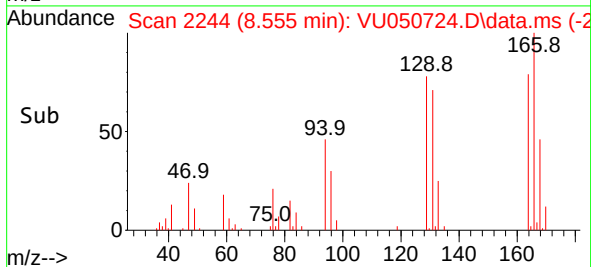
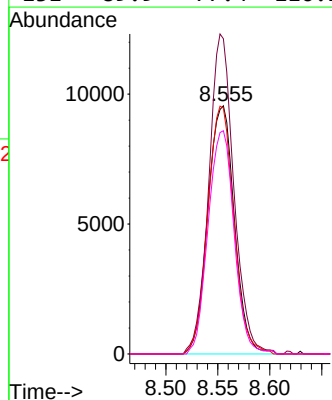
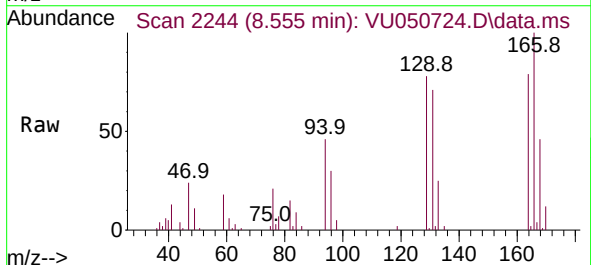
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 11799  
Ion Ratio Lower Upper  
95 100  
174 71.7 62.4 93.6  
176 72.8 56.2 84.2

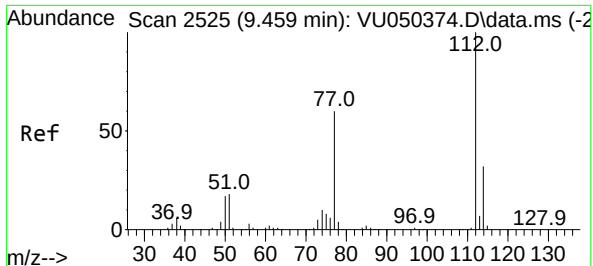


#58  
Tetrachloroethene  
Concen: 1.833 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 164 Resp: 17021  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.4 153.6  
129 99.1 79.5 119.3  
131 89.9 77.4 116.2







#59

Chlorobenzene

Concen: 1.878 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

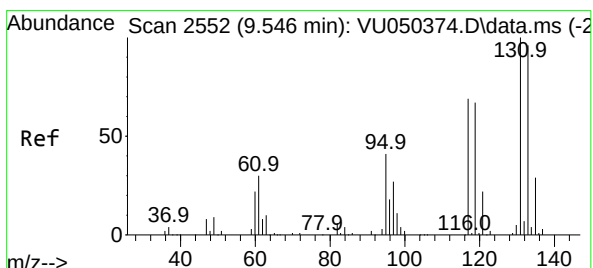
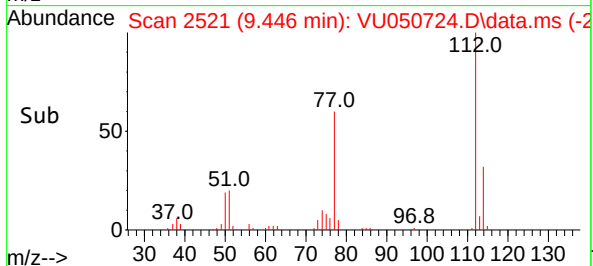
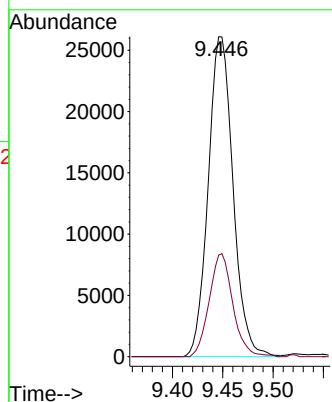
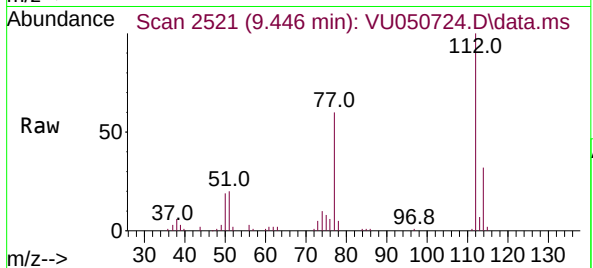
ClientSampleId :

Tgt Ion:112 Resp: 44829

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 1.852 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

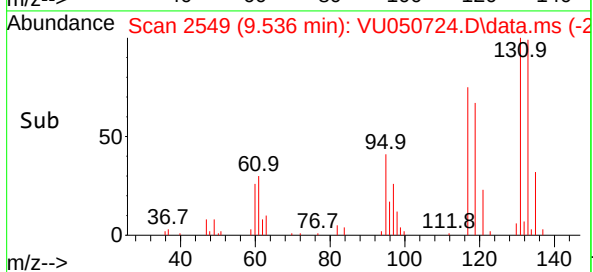
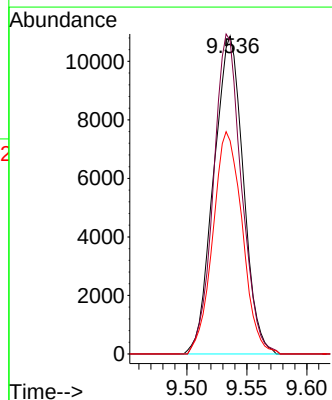
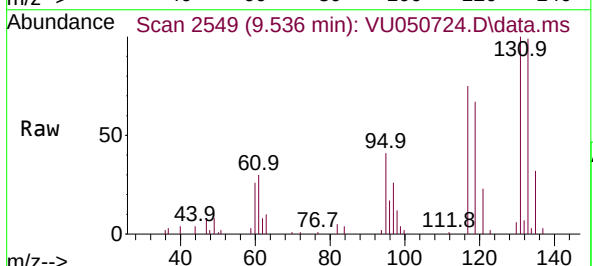
Tgt Ion:131 Resp: 18584

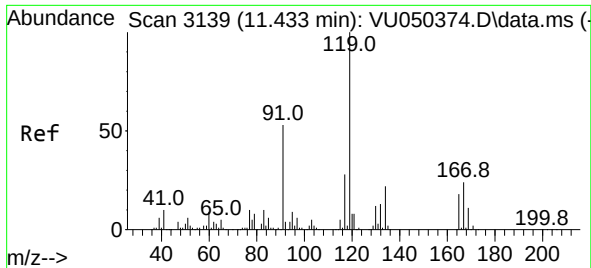
Ion Ratio Lower Upper

131 100

133 95.3 78.3 117.5

119 69.5 53.2 79.8

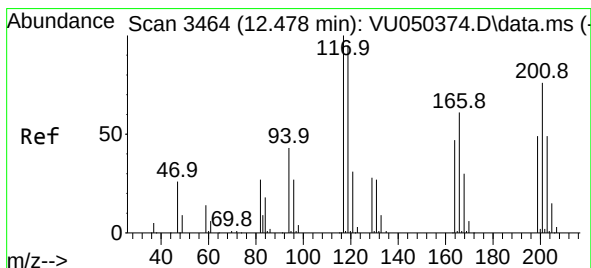
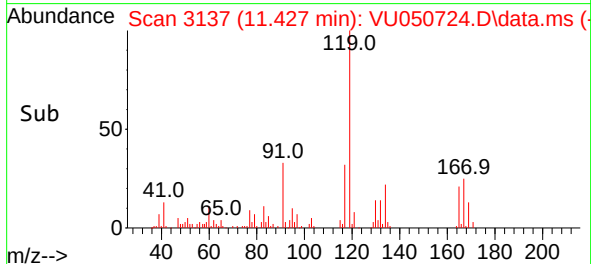
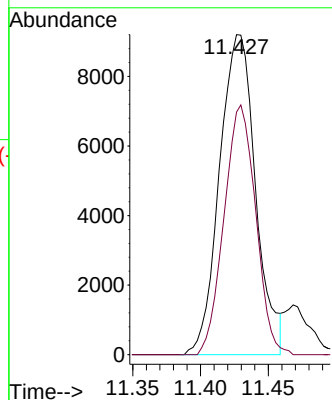
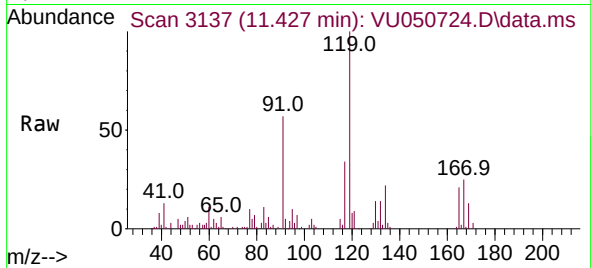




#61  
 Pentachloroethane  
 Concen: 2.042 ug/l  
 RT: 11.427 min Scan# 3139  
 Delta R.T. -0.003 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

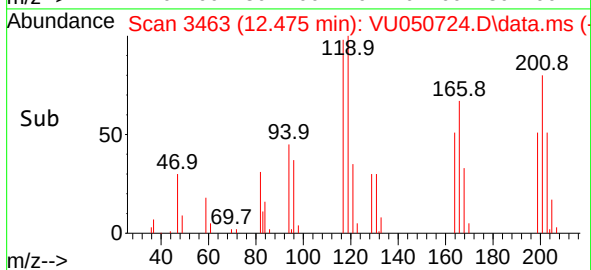
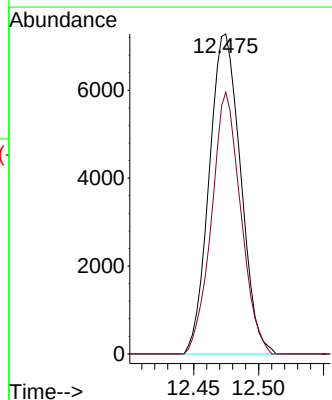
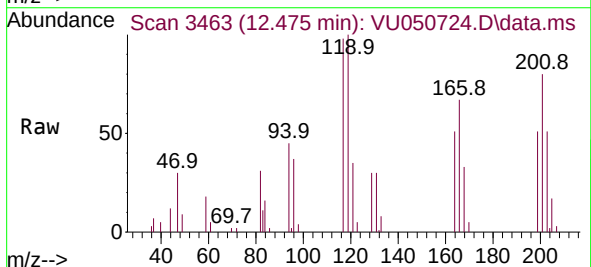
Instrument :  
 MSVOA\_U  
 ClientSampleId :

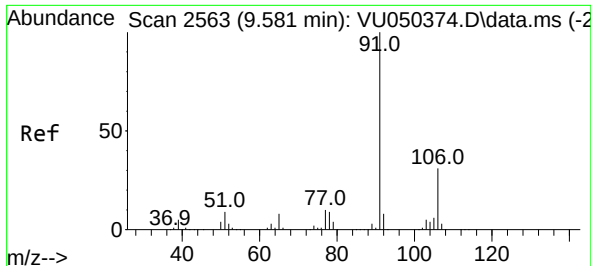
Tgt Ion:117 Resp: 17054  
 Ion Ratio Lower Upper  
 117 100  
 167 68.4 66.2 99.4



#62  
 Hexachloroethane  
 Concen: 1.762 ug/l  
 RT: 12.475 min Scan# 3463  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion:117 Resp: 12237  
 Ion Ratio Lower Upper  
 117 100  
 201 76.1 61.0 91.4

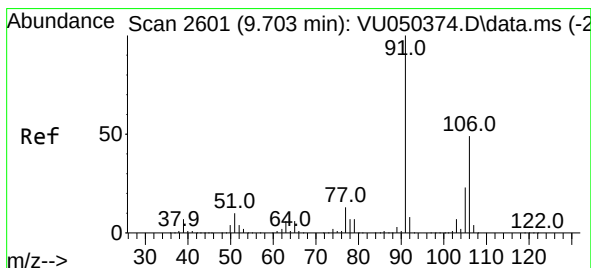
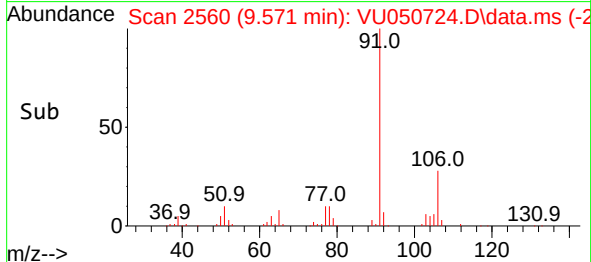
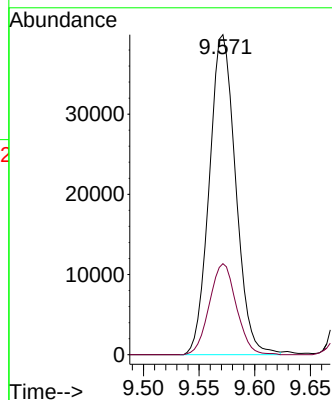
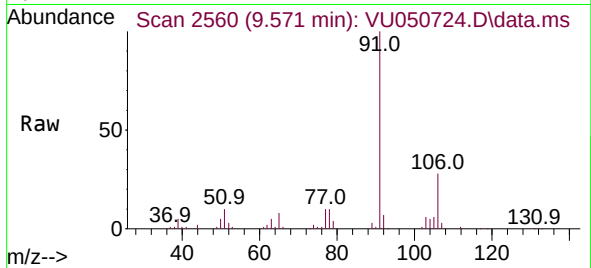




#63  
Ethyl Benzene  
Concen: 1.852 ug/l  
RT: 9.571 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

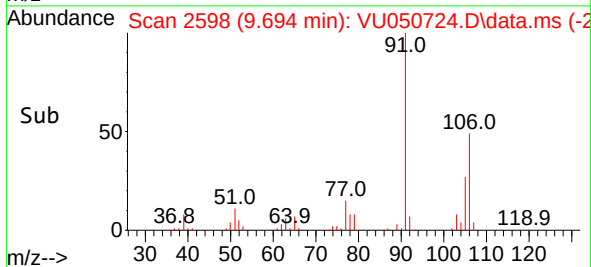
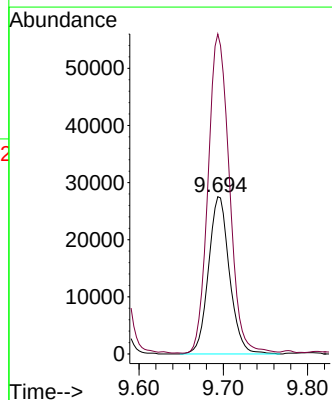
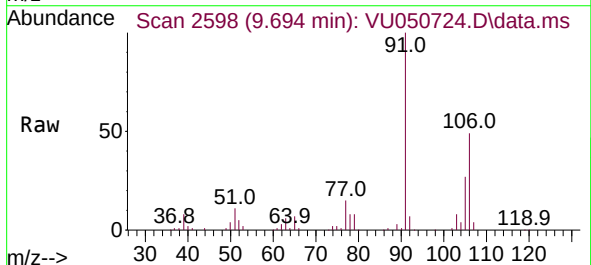
Instrument :  
MSVOA\_U  
ClientSampleId :

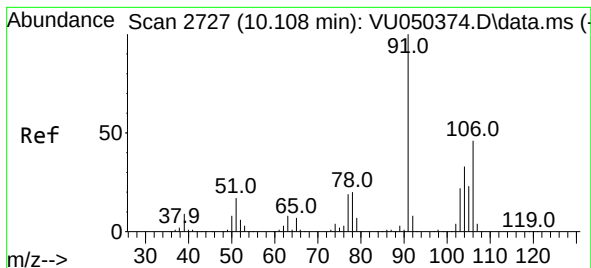
Tgt Ion: 91 Resp: 65639  
Ion Ratio Lower Upper  
91 100  
106 28.5 24.4 36.6



#64  
m/p-Xylenes  
Concen: 3.435 ug/l  
RT: 9.694 min Scan# 2598  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion: 106 Resp: 47657  
Ion Ratio Lower Upper  
106 100  
91 205.5 167.8 251.6





#65

o-Xylene

Concen: 1.750 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

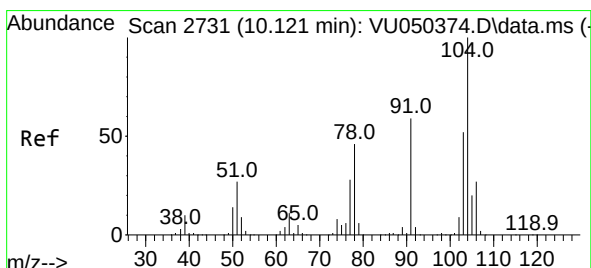
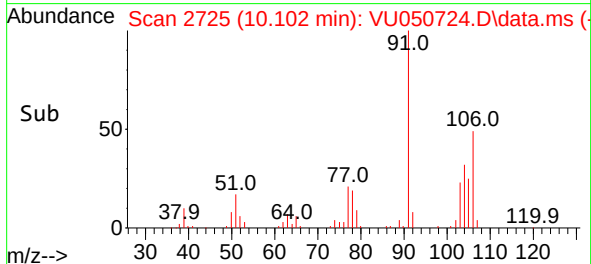
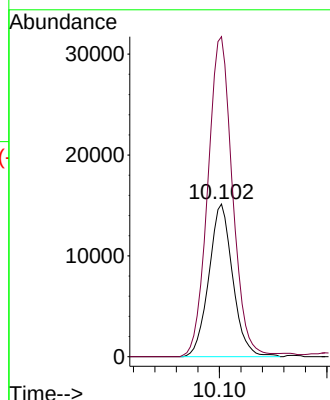
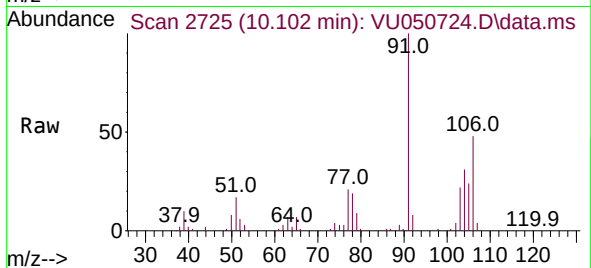
ClientSampleId :

Tgt Ion:106 Resp: 23294

Ion Ratio Lower Upper

106 100

91 217.5 111.1 333.2



#66

Styrene

Concen: 1.751 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

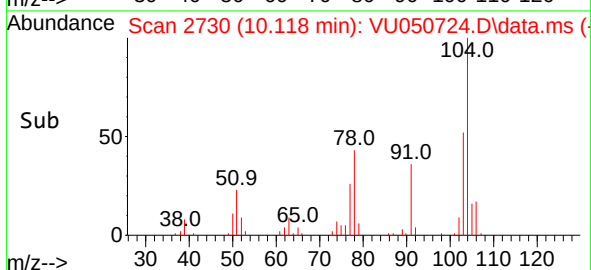
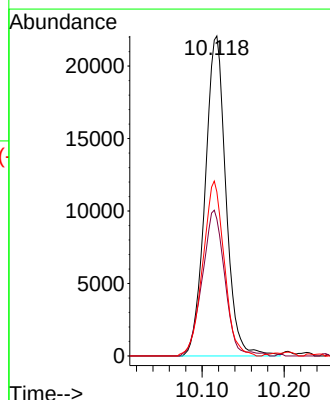
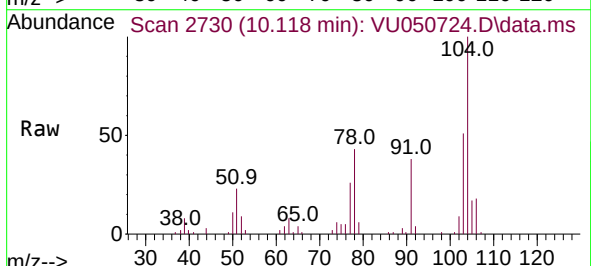
Tgt Ion:104 Resp: 38930

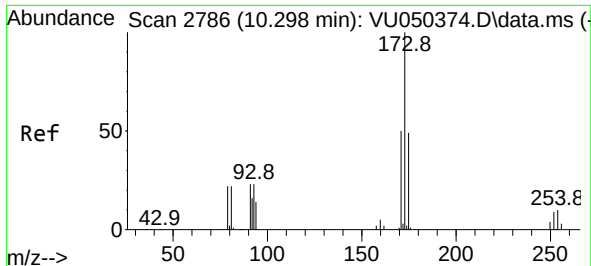
Ion Ratio Lower Upper

104 100

78 49.4 42.1 63.1

103 56.1 44.5 66.7

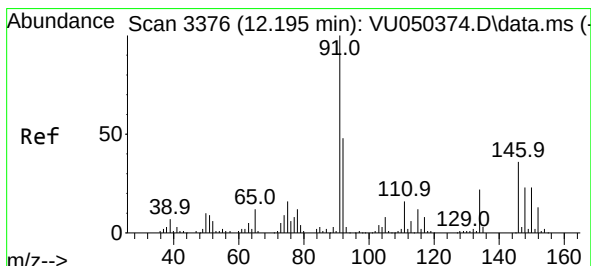
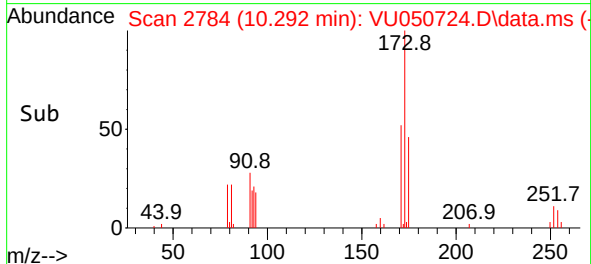
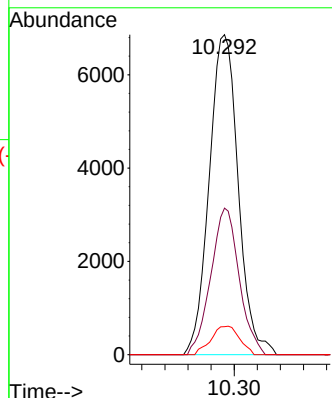
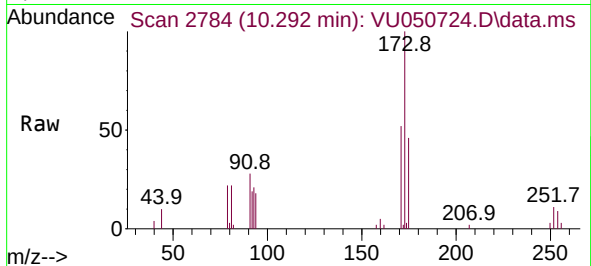




#67  
Bromoform  
Concen: 2.186 ug/l  
RT: 10.292 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

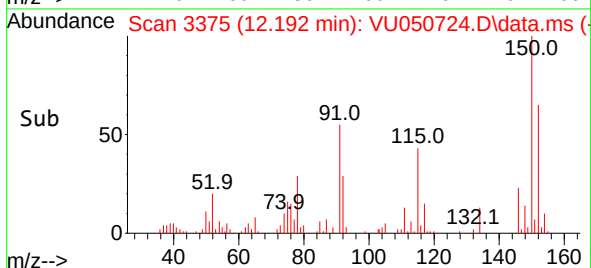
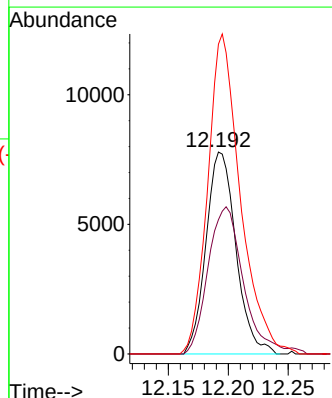
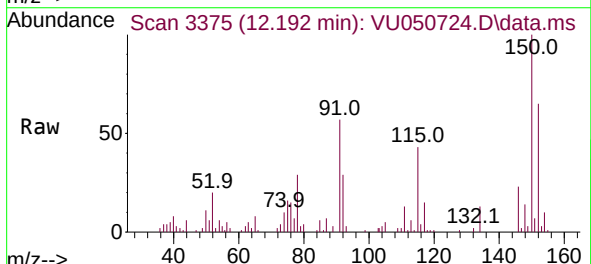
Instrument :  
MSVOA\_U  
ClientSampleId :

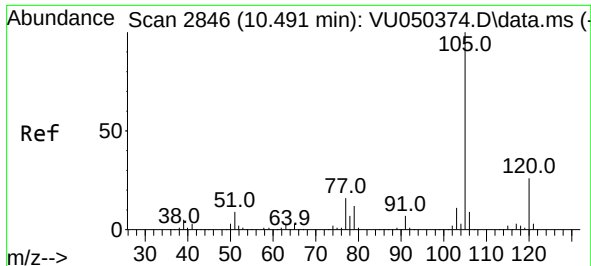
Tgt Ion:173 Resp: 11959  
Ion Ratio Lower Upper  
173 100  
175 44.7 38.4 57.6  
254 8.7 7.7 11.5



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.006 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. -0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion:152 Resp: 13498  
Ion Ratio Lower Upper  
152 100  
115 86.6 0.0 254.6  
150 172.9 0.0 623.6





#69

Isopropylbenzene

Concen: 1.765 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

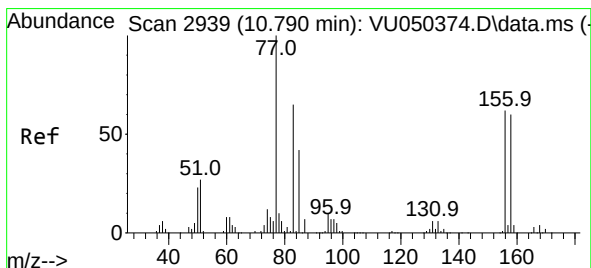
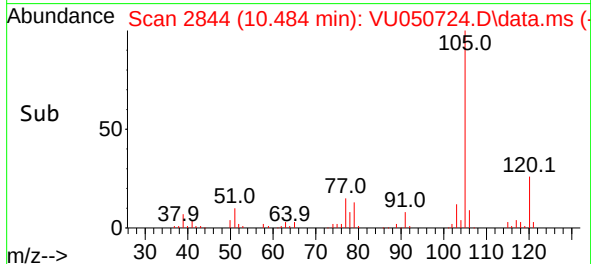
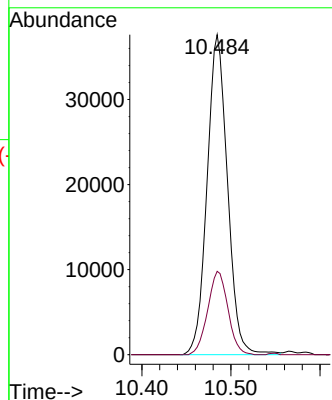
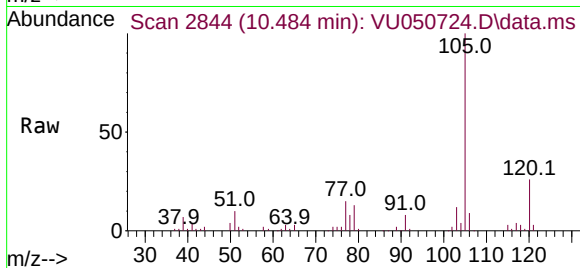
ClientSampleId :

Tgt Ion:105 Resp: 59827

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 2.399 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

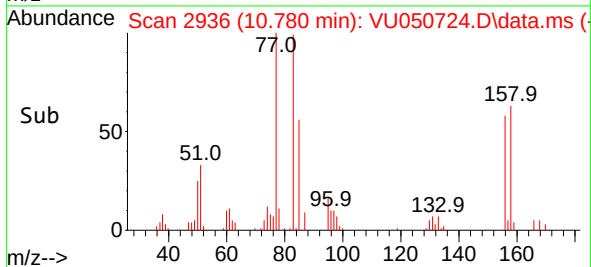
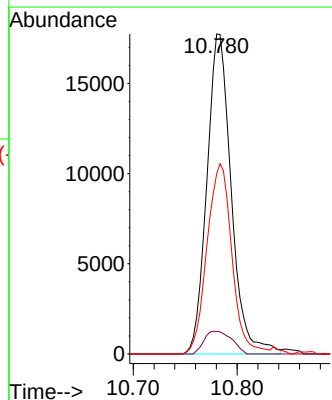
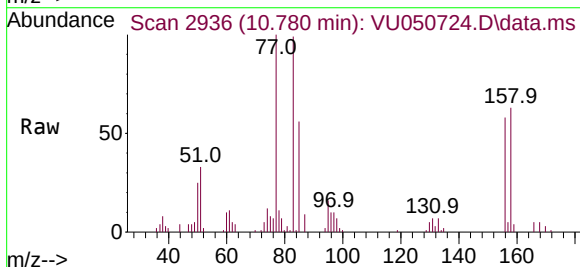
Tgt Ion: 83 Resp: 28901

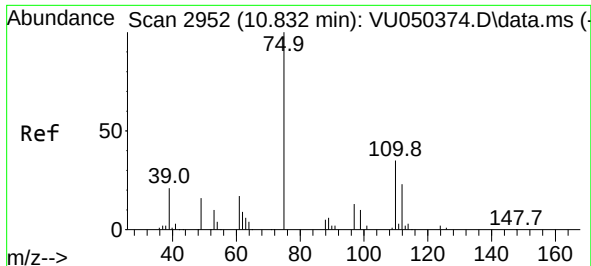
Ion Ratio Lower Upper

83 100

131 8.0 7.7 11.5

85 60.7 51.2 76.8

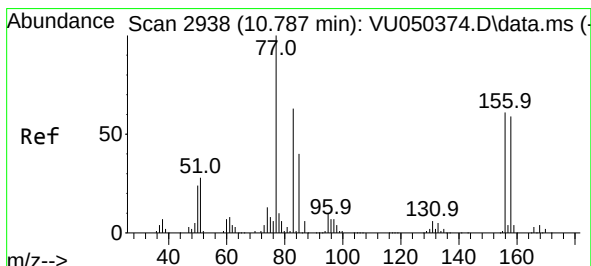
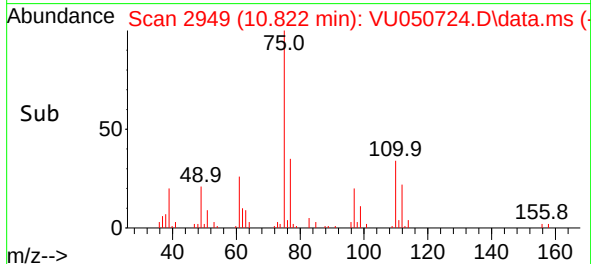
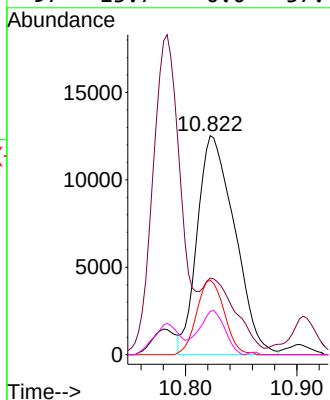
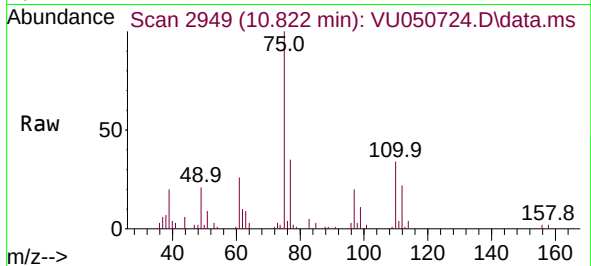




#71  
1,2,3-Trichloropropane  
Concen: 3.218 ug/l  
RT: 10.822 min Scan# 2952  
Delta R.T. -0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

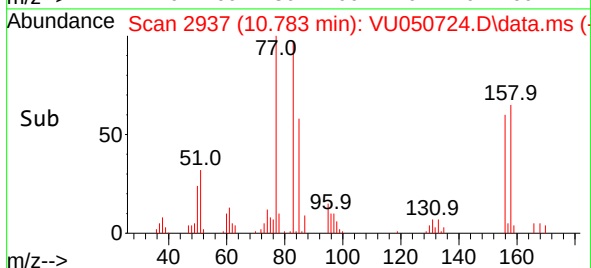
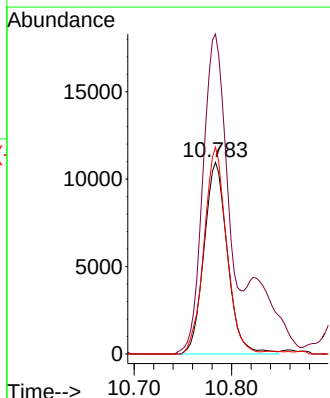
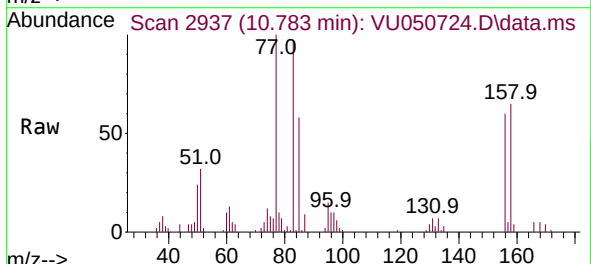
Instrument :  
MSVOA\_U  
ClientSampleId :

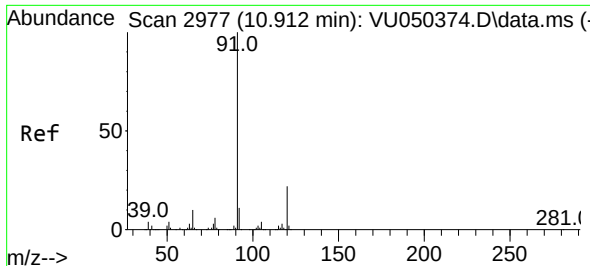
|             |       |       |
|-------------|-------|-------|
| Tgt Ion: 75 | Resp: | 29156 |
| Ion Ratio   | Lower | Upper |
| 75          | 100   |       |
| 77          | 0.0   | 112.4 |
| 110         | 25.2  | 70.6  |
| 97          | 13.7  | 37.4  |



#72  
Bromobenzene  
Concen: 1.779 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

|              |       |       |
|--------------|-------|-------|
| Tgt Ion: 156 | Resp: | 18337 |
| Ion Ratio    | Lower | Upper |
| 156          | 100   |       |
| 77           | 176.6 | 344.4 |
| 158          | 103.9 | 192.2 |

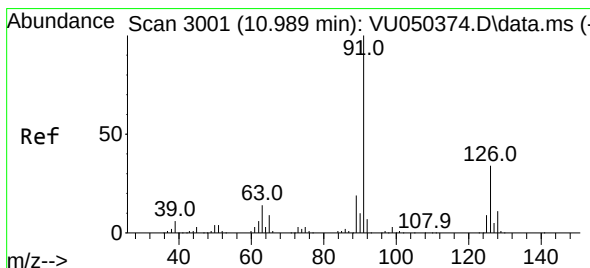
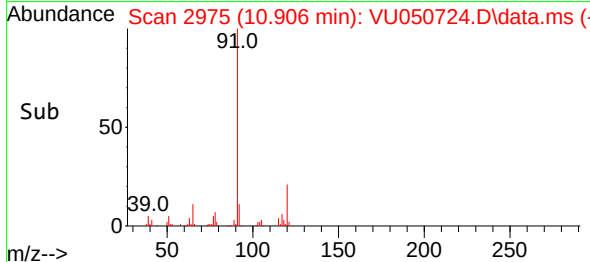
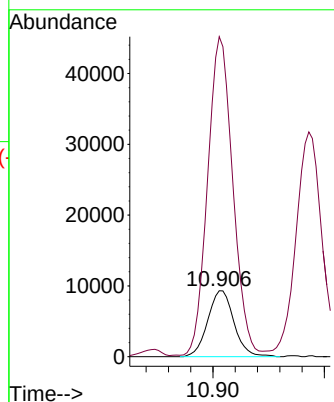
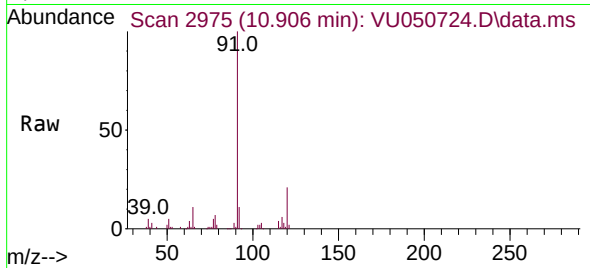




#73  
n-propylbenzene  
Concen: 1.677 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

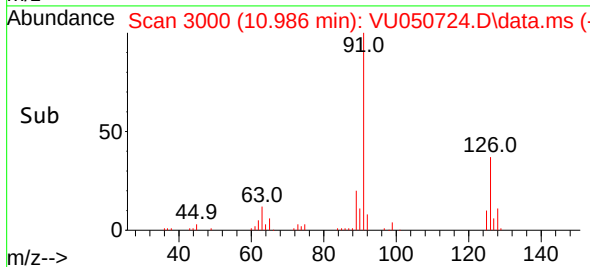
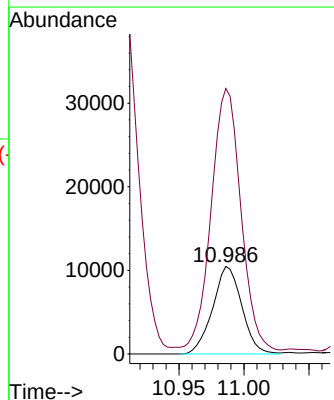
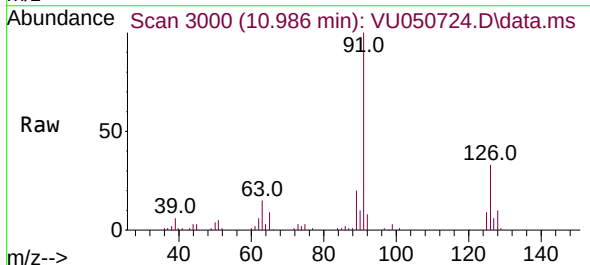
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:120 Resp: 15201  
Ion Ratio Lower Upper  
120 100  
91 465.5 367.8 551.6

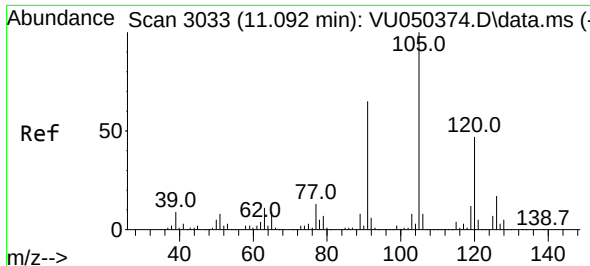


#74  
2-Chlorotoluene  
Concen: 1.702 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion:126 Resp: 16288  
Ion Ratio Lower Upper  
126 100  
91 306.1 0.0 620.6



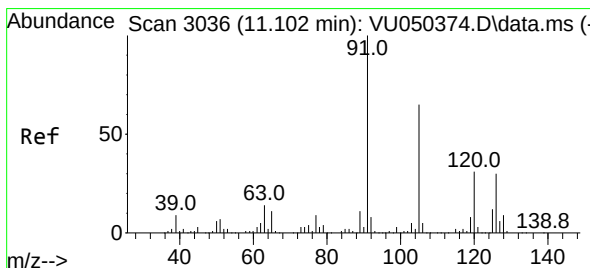
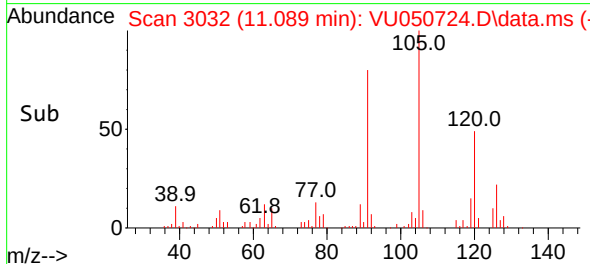
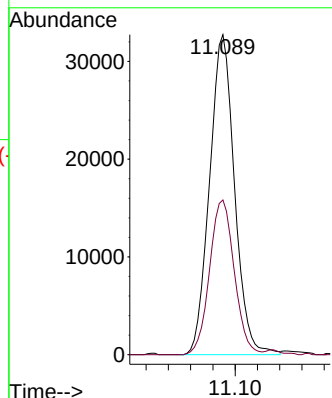
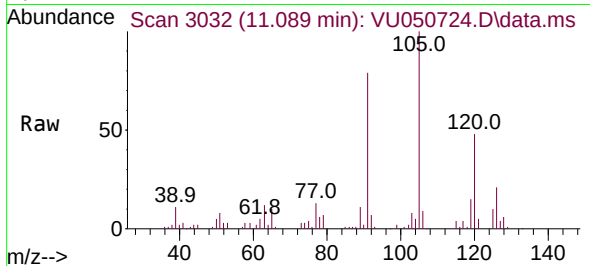




#75  
1,3,5-Trimethylbenzene  
Concen: 1.668 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

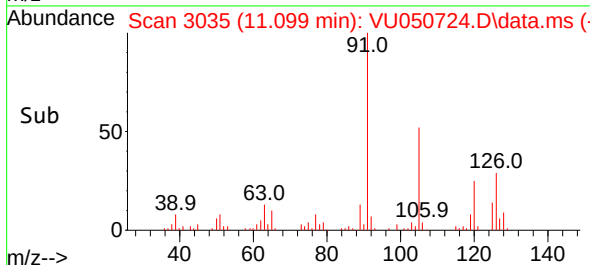
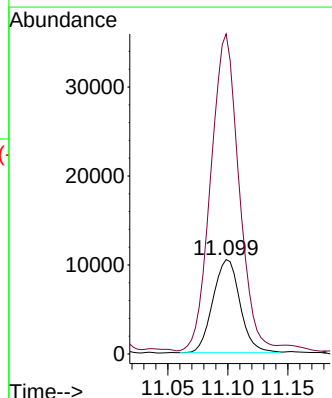
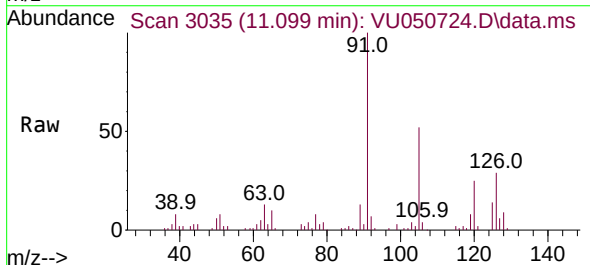
Instrument :  
MSVOA\_U  
ClientSampleId :

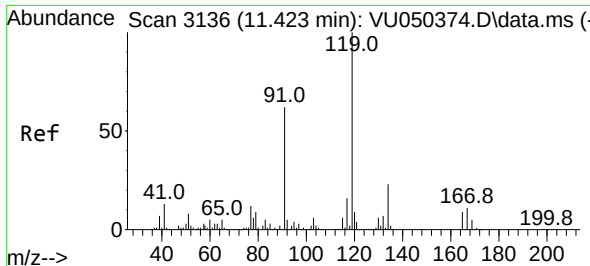
Tgt Ion:105 Resp: 50973  
Ion Ratio Lower Upper  
105 100  
120 47.8 37.6 56.4



#76  
4-Chlorotoluene  
Concen: 1.668 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion:126 Resp: 16425  
Ion Ratio Lower Upper  
126 100  
91 353.4 0.0 738.8

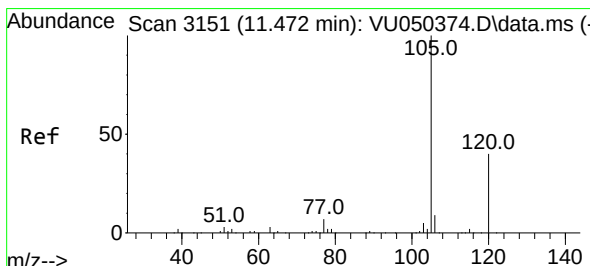
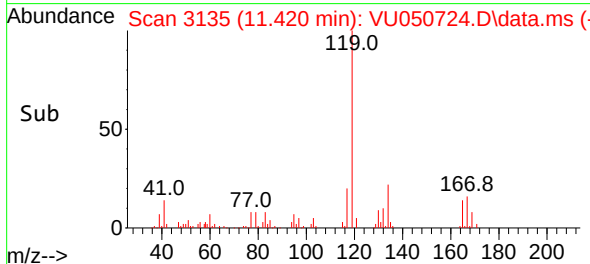
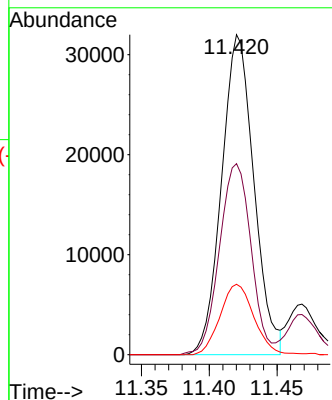
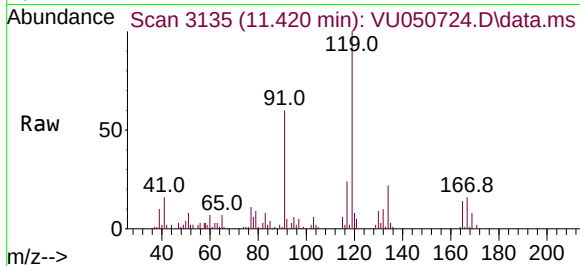




#77  
tert-Butylbenzene  
Concen: 1.764 ug/l  
RT: 11.420 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

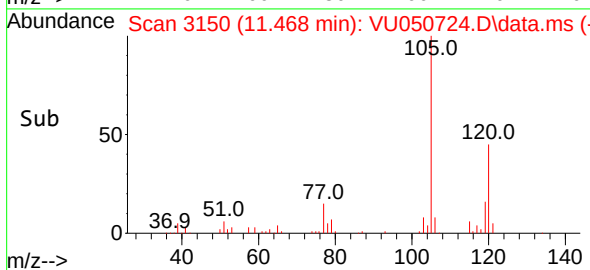
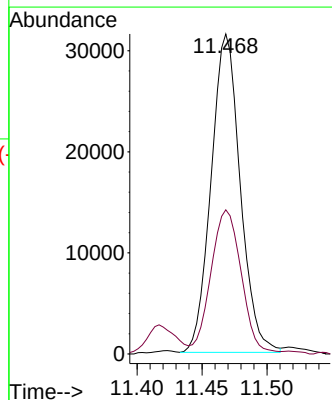
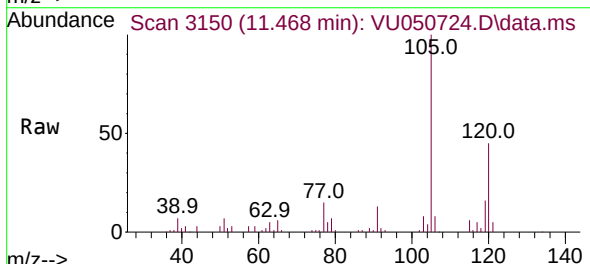
Instrument :  
MSVOA\_U  
ClientSampleId :

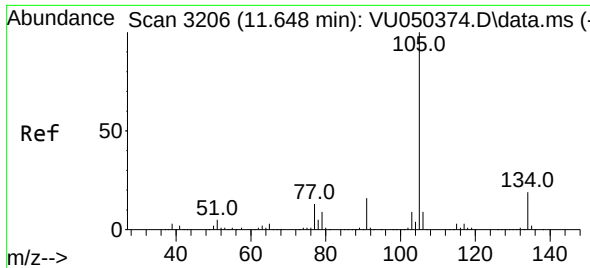
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.2  | 30.4  | 91.3  |
| 134     | 23.1  | 17.8  | 26.6  |



#78  
1,2,4-Trimethylbenzene  
Concen: 1.615 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 21.6  | 65.0  |

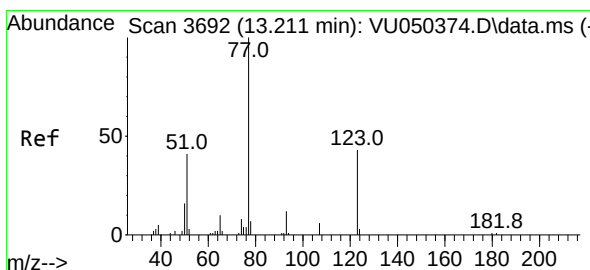
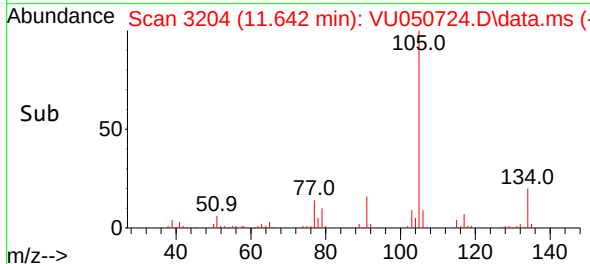
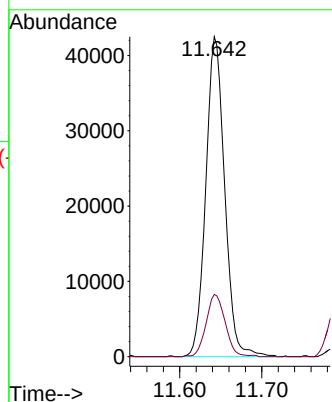
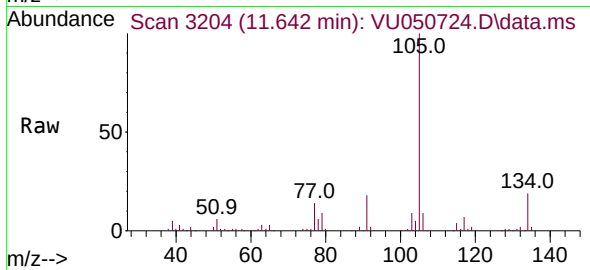




#79  
 sec-Butylbenzene  
 Concen: 1.727 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

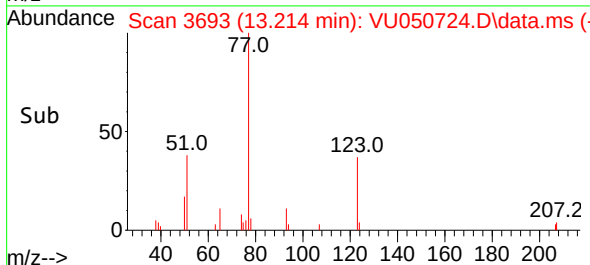
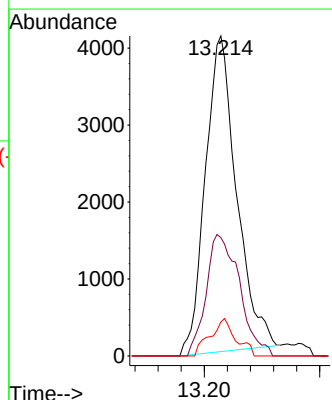
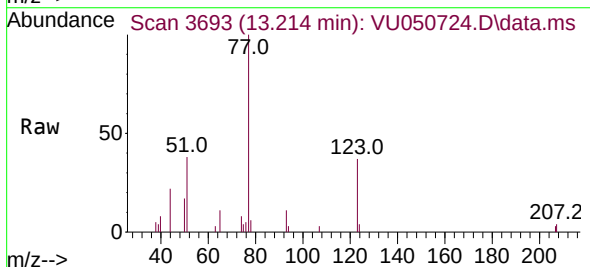
Instrument :  
 MSVOA\_U  
 ClientSampleId :

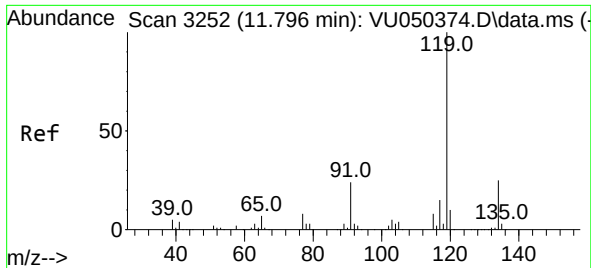
Tgt Ion:105 Resp: 67805  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 11.778 ug/l  
 RT: 13.214 min Scan# 3693  
 Delta R.T. 0.007 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion: 77 Resp: 7699  
 Ion Ratio Lower Upper  
 77 100  
 123 41.0 18.1 64.3  
 65 9.7 10.8 13.8#

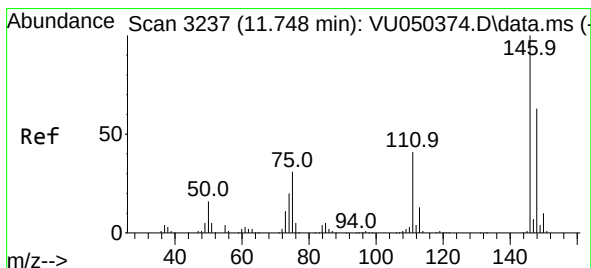
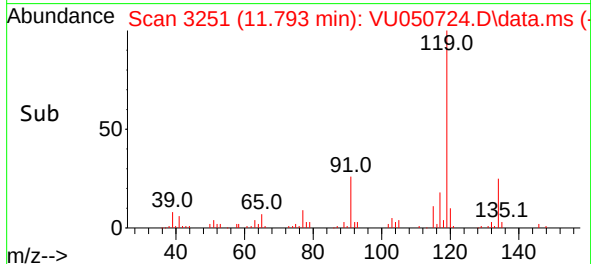
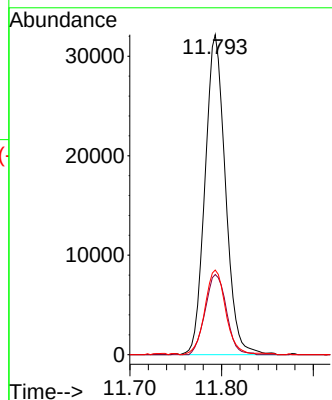
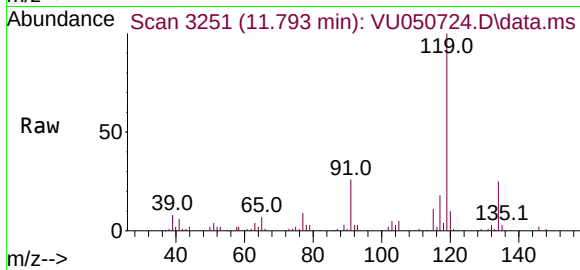




#81  
 p-Isopropyltoluene  
 Concen: 1.656 ug/l  
 RT: 11.793 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

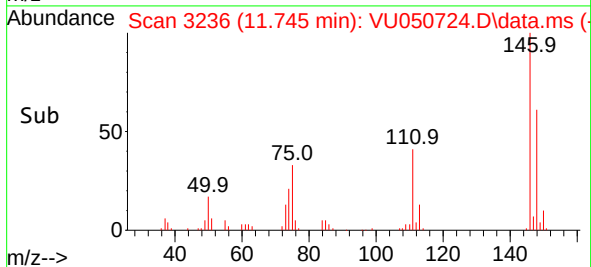
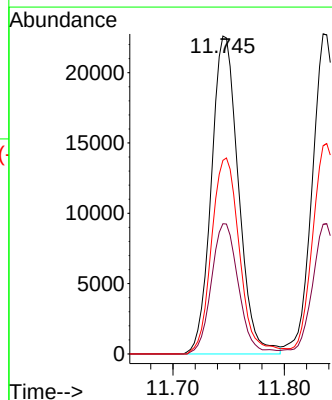
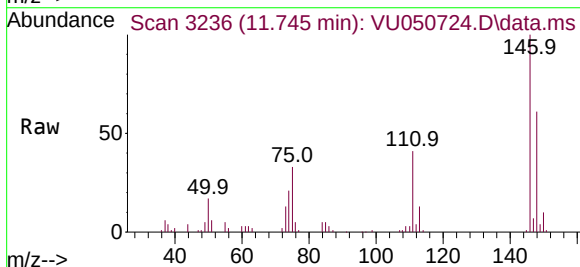
Instrument :  
 MSVOA\_U  
 ClientSampleId :

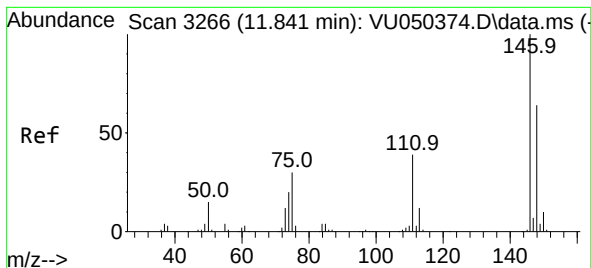
Tgt Ion:119 Resp: 49702  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 20.5 30.7  
 91 27.0 19.8 29.6



#82  
 1,3-Dichlorobenzene  
 Concen: 1.803 ug/l  
 RT: 11.745 min Scan# 3236  
 Delta R.T. 0.000 min  
 Lab File: VU050724.D  
 Acq: 16 Sep 2022 14:14

Tgt Ion:146 Resp: 38267  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 33.4 50.2  
 148 63.9 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 1.803 ug/l

RT: 11.835 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

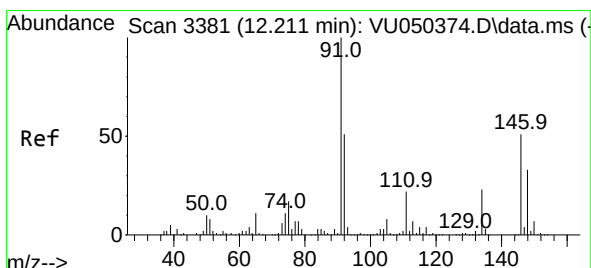
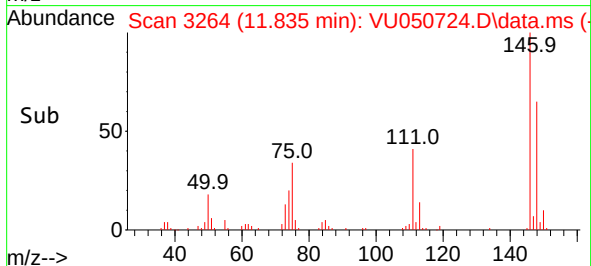
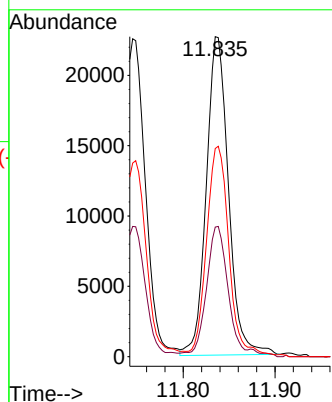
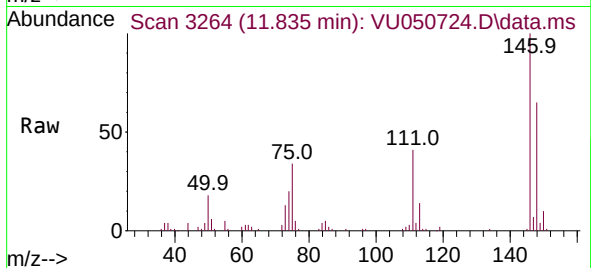
Tgt Ion:146 Resp: 38037

Ion Ratio Lower Upper

146 100

111 40.4 32.6 49.0

148 67.1 51.6 77.4



#84

n-Butylbenzene

Concen: 1.867 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

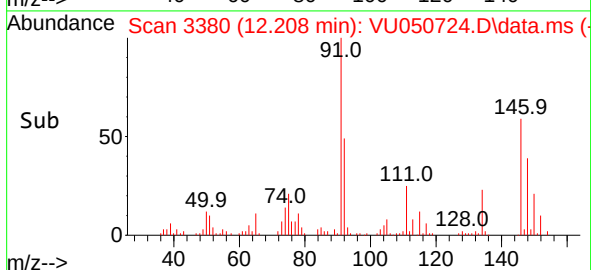
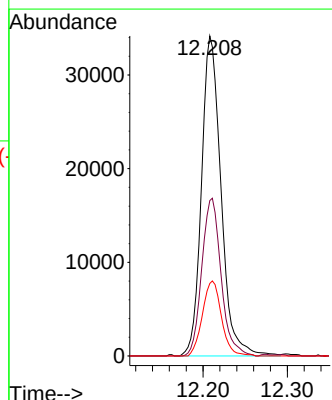
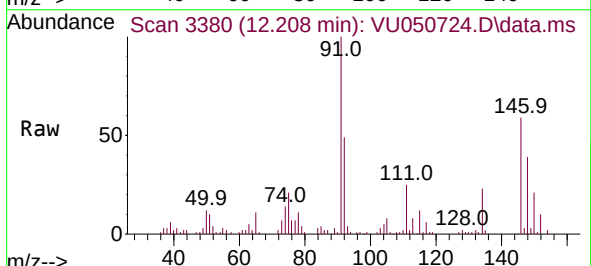
Tgt Ion: 91 Resp: 55281

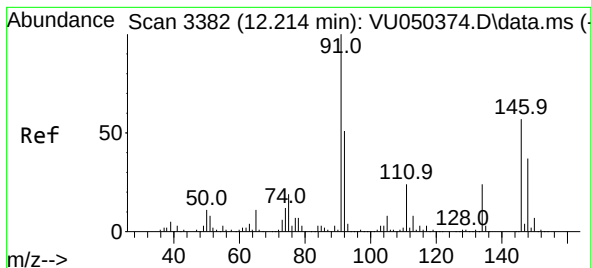
Ion Ratio Lower Upper

91 100

92 48.6 42.3 63.5

134 22.8 19.6 29.4





#85

1,2-Dichlorobenzene

Concen: 1.849 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

Instrument :

MSVOA\_U

ClientSampleId :

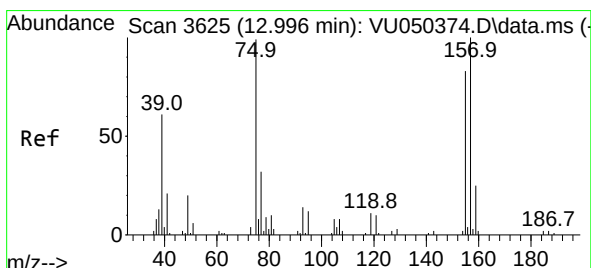
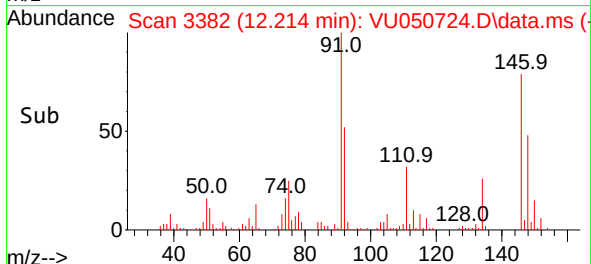
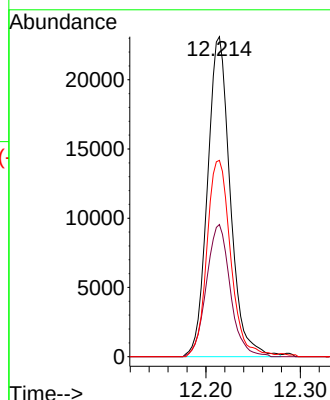
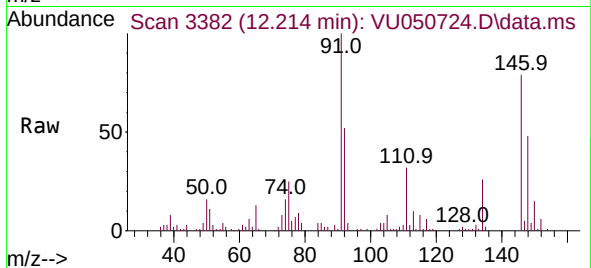
Tgt Ion:146 Resp: 38575

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.1

148 64.2 32.1 96.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.111 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050724.D

Acq: 16 Sep 2022 14:14

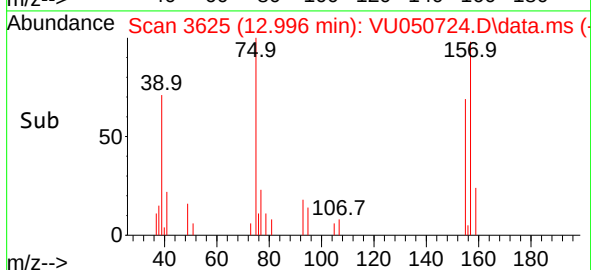
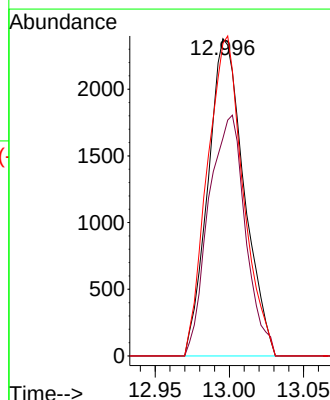
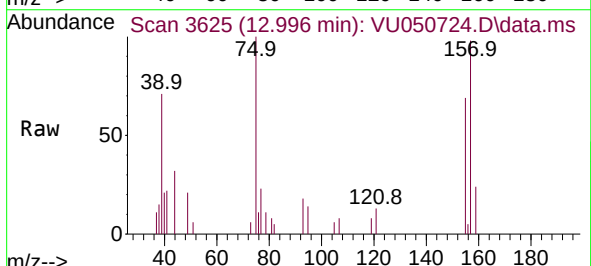
Tgt Ion: 75 Resp: 4014

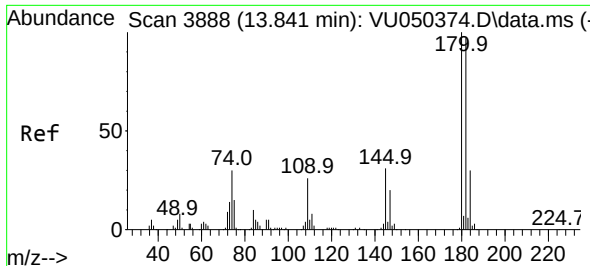
Ion Ratio Lower Upper

75 100

155 77.4 66.8 100.2

157 99.9 83.8 125.8

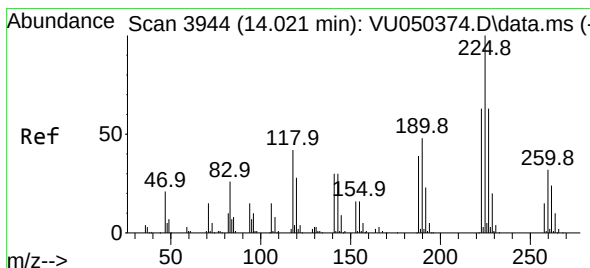
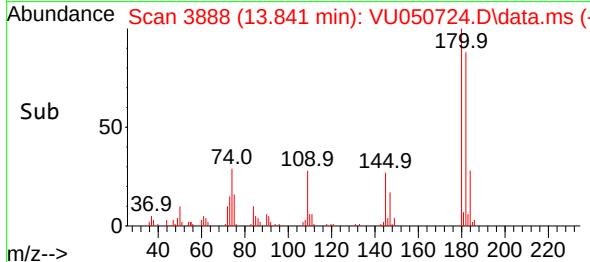
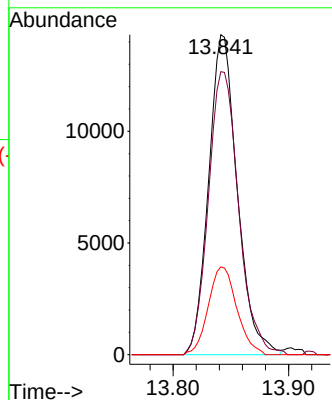
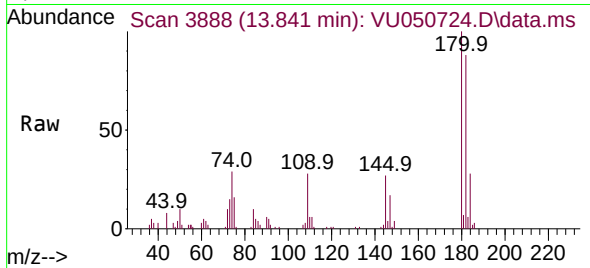




#87  
1,2,4-Trichlorobenzene  
Concen: 2.075 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

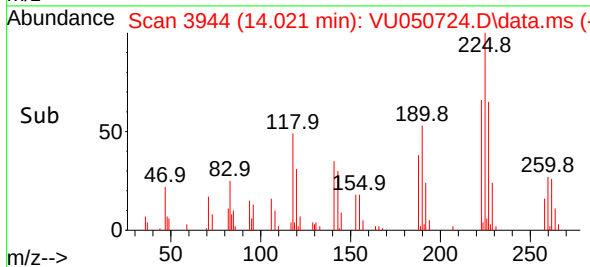
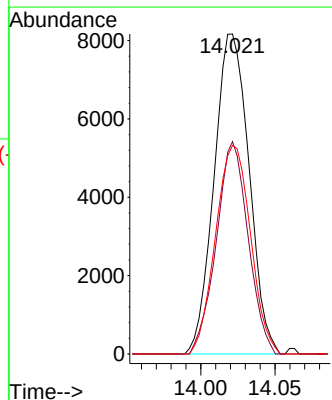
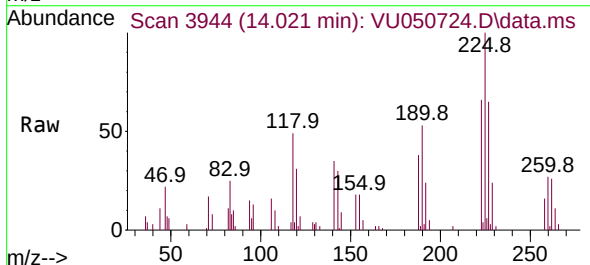
Instrument :  
MSVOA\_U  
ClientSampleId :

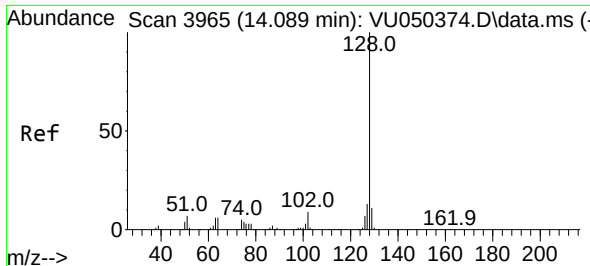
Tgt Ion:180 Resp: 24703  
Ion Ratio Lower Upper  
180 100  
182 93.2 77.0 115.6  
145 27.3 25.7 38.5



#88  
Hexachlorobutadiene  
Concen: 1.725 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Tgt Ion:225 Resp: 13361  
Ion Ratio Lower Upper  
225 100  
223 60.4 50.6 76.0  
227 65.2 50.7 76.1

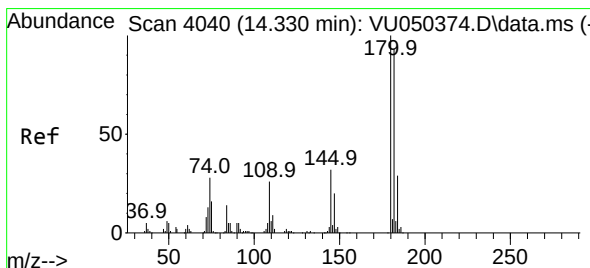
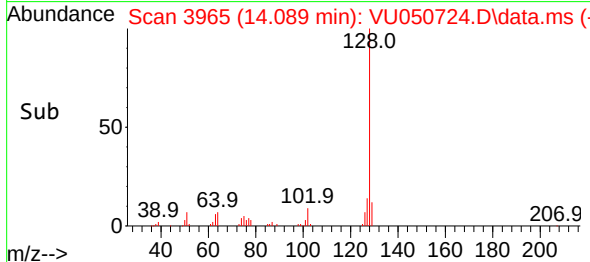
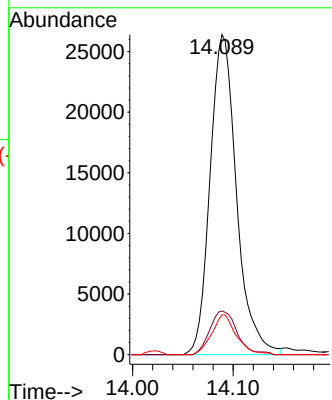
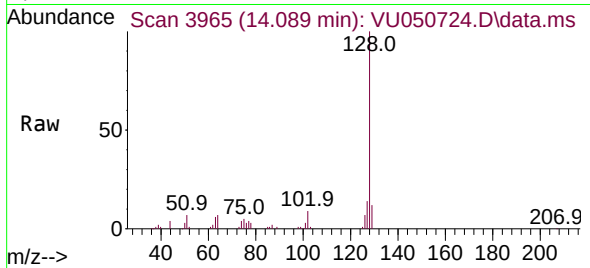




#89  
Naphthalene  
Concen: 2.312 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.000 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

Instrument :  
MSVOA\_U  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 48255     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 14.1  | 10.1 15.1 |
| 129         | 11.6  | 8.6 12.8  |



#90  
1,2,3-Trichlorobenzene  
Concen: 1.962 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.003 min  
Lab File: VU050724.D  
Acq: 16 Sep 2022 14:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 23762      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 99.3  | 76.6 114.8 |
| 145         | 34.4  | 27.3 40.9  |

