

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062922\  
 Data File : VU049532.D  
 Acq On : 29 Jun 2022 23:36  
 Operator : SY/MD  
 Sample : VU0629WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBSD02

Quant Time: Jun 30 00:51:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.372  | 168   | 224208   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.247  | 114   | 385860   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.417  | 117   | 347927   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 161394   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.700  | 65    | 167680   | 48.561   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 97.120%  |
| 35) Dibromofluoromethane     | 5.288  | 113   | 132522   | 49.090   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 98.180%  |
| 50) Toluene-d8               | 7.896  | 98    | 476932   | 49.533   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 99.060%  |
| 62) 4-Bromofluorobenzene     | 10.632 | 95    | 173224   | 46.964   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 93.920%  |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 66152    | 18.361   | ug/l  | 98       |
| 3) Chloromethane             | 1.520  | 50    | 75748    | 16.661   | ug/l  | 97       |
| 4) Vinyl Chloride            | 1.604  | 62    | 71036    | 19.584   | ug/l  | 98       |
| 5) Bromomethane              | 1.848  | 94    | 28749    | 25.489   | ug/l  | 96       |
| 6) Chloroethane              | 1.925  | 64    | 38971    | 24.313   | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 2.134  | 101   | 84709    | 18.324   | ug/l  | 97       |
| 8) Diethyl Ether             | 2.375  | 74    | 34007    | 20.365   | ug/l  | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 49602    | 19.943   | ug/l  | 97       |
| 10) Methyl Iodide            | 2.719  | 142   | 67458    | 30.964   | ug/l  | 94       |
| 11) Tert butyl alcohol       | 3.192  | 59    | 117543   | 145.439  | ug/l  | # 51     |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 49849    | 20.470   | ug/l  | 91       |
| 13) Acrolein                 | 2.485  | 56    | 26336    | 48.118   | ug/l  | 98       |
| 14) Allyl chloride           | 2.922  | 41    | 97171    | 19.744   | ug/l  | # 87     |
| 15) Acrylonitrile            | 3.314  | 53    | 208674   | 107.356  | ug/l  | 100      |
| 16) Acetone                  | 2.629  | 43    | 173268   | 99.505   | ug/l  | 99       |
| 17) Carbon Disulfide         | 2.790  | 76    | 137285   | 18.077   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.948  | 43    | 103202   | 21.894   | ug/l  | 92       |
| 19) Methyl tert-butyl Ether  | 3.362  | 73    | 188023   | 20.760   | ug/l  | 98       |
| 20) Methylene Chloride       | 3.044  | 84    | 61714    | 20.858   | ug/l  | 91       |
| 21) trans-1,2-Dichloroethene | 3.350  | 96    | 53493    | 20.377   | ug/l  | 90       |
| 22) Diisopropyl ether        | 3.993  | 45    | 197346   | 21.002   | ug/l  | # 76     |
| 23) Vinyl Acetate            | 3.954  | 43    | 831783   | 100.993  | ug/l  | 94       |
| 24) 1,1-Dichloroethane       | 3.867  | 63    | 108423   | 20.088   | ug/l  | 97       |
| 25) 2-Butanone               | 4.703  | 43    | 282173   | 108.129  | ug/l  | 95       |
| 26) 2,2-Dichloropropane      | 4.665  | 77    | 63363    | 14.105   | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.668  | 96    | 62794    | 20.703   | ug/l  | 90       |
| 28) Bromochloromethane       | 4.973  | 49    | 48003    | 20.346   | ug/l  | # 78     |
| 29) Tetrahydrofuran          | 5.051  | 42    | 193362   | 108.011  | ug/l  | 87       |
| 30) Chloroform               | 5.089  | 83    | 107326   | 20.101   | ug/l  | 98       |
| 31) Cyclohexane              | 5.388  | 56    | 102003   | 19.674   | ug/l  | 93       |
| 32) 1,1,1-Trichloroethane    | 5.314  | 97    | 92359    | 19.937   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.526  | 75    | 77959    | 19.916   | ug/l  | 96       |
| 37) Ethyl Acetate            | 4.803  | 43    | 106361   | 19.885   | ug/l  | 95       |
| 38) Carbon Tetrachloride     | 5.523  | 117   | 77255    | 18.819   | ug/l  | 99       |
| 39) Methylcyclohexane        | 6.761  | 83    | 89347    | 19.043   | ug/l  | 93       |
| 40) Benzene                  | 5.774  | 78    | 238656   | 20.194   | ug/l  | 99       |

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 Sample : VU0629WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBSD02

Quant Time: Jun 30 00:51:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 55700    | 20.782  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 86249    | 19.609  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.909  | 43   | 155615   | 19.855  | ug/l   | 96       |
| 44) Trichloroethene           | 6.542  | 130  | 56212    | 20.009  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 66136    | 20.197  | ug/l   | 99       |
| 46) Dibromomethane            | 6.919  | 93   | 43459    | 19.906  | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.105  | 83   | 81214    | 19.327  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.960  | 41   | 74357    | 20.244  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 6.980  | 88   | 44797    | 476.058 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 527394   | 100.546 | ug/l   | 96       |
| 52) Toluene                   | 7.967  | 92   | 142520   | 20.290  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 81688    | 18.123  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 92449    | 19.209  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.398  | 97   | 59940    | 20.639  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 98713    | 20.322  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 103434   | 20.077  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 44716    | 124.656 | ug/l   | 93       |
| 59) 2-Hexanone                | 8.684  | 43   | 413496   | 100.246 | ug/l   | 94       |
| 60) Dibromochloromethane      | 8.809  | 129  | 61319    | 20.304  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 64059    | 20.241  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.552  | 164  | 45462    | 20.372  | ug/l   | 94       |
| 65) Chlorobenzene             | 9.446  | 112  | 144898   | 20.371  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 54534    | 20.324  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.568  | 91   | 265356   | 20.321  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.693  | 106  | 199796   | 41.352  | ug/l   | 92       |
| 69) o-Xylene                  | 10.099 | 106  | 100660   | 20.986  | ug/l   | 91       |
| 70) Styrene                   | 10.115 | 104  | 158685   | 20.590  | ug/l   | 96       |
| 71) Bromoform                 | 10.291 | 173  | 44021    | 19.128  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 259571   | 22.577  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.320 | 43   | 125978   | 20.703  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 103090   | 21.168  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 110382   | 20.175  | ug/l   | 97       |
| 77) Bromobenzene              | 10.780 | 156  | 60113    | 21.420  | ug/l   | 84       |
| 78) n-propylbenzene           | 10.906 | 91   | 298115   | 21.339  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 182906   | 21.251  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 217757   | 21.695  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 10.545 | 75   | 25388    | 17.136  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 202397   | 20.908  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 215990   | 21.878  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 216651   | 21.972  | ug/l   | 93       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 262614   | 21.158  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 208800   | 20.802  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 110307   | 20.560  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 110134   | 20.423  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.208 | 91   | 177668   | 19.121  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.475 | 117  | 37632    | 18.823  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 113865   | 21.122  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 24903    | 19.942  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 70899    | 20.664  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 30391    | 18.174  | ug/l   | 98       |
| 95) Naphthalene               | 14.086 | 128  | 268590   | 22.255  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 76147    | 21.168  | ug/l   | 96       |

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Operator : SY/MD  
Sample : VU0629WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 34 Sample Multiplier: 1

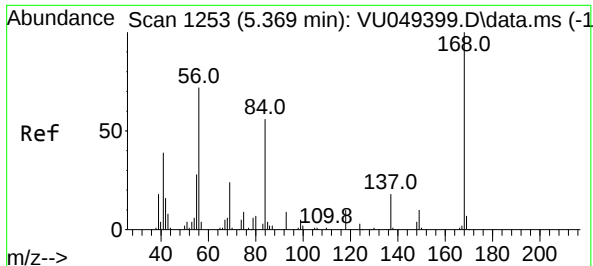
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

Quant Time: Jun 30 00:51:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 10:35:43 2022  
Response via : Initial Calibration

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

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

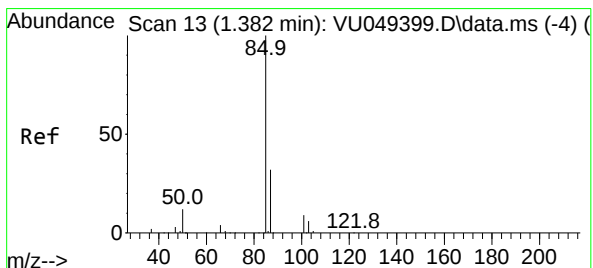
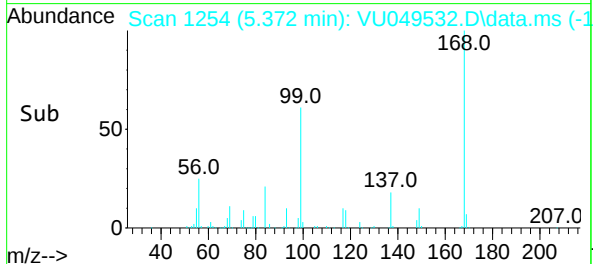
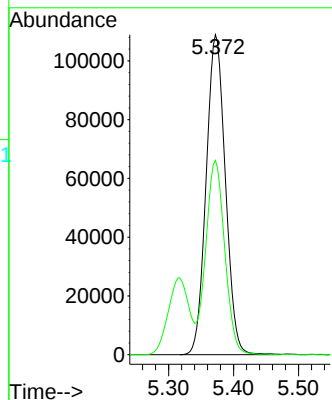
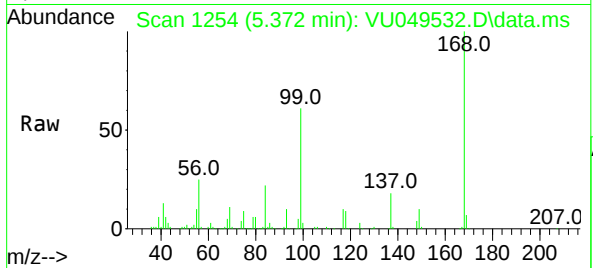




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

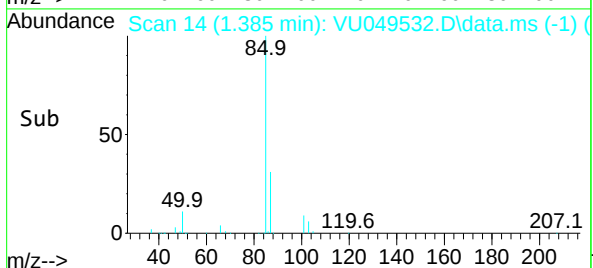
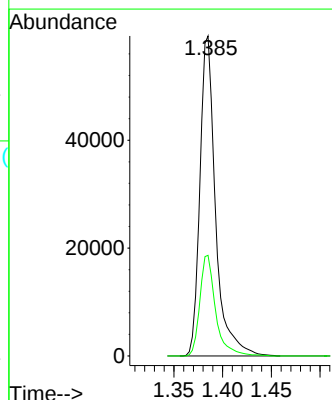
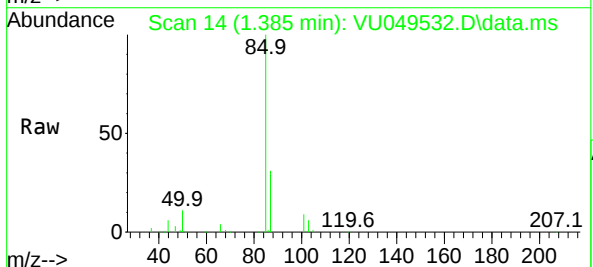
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

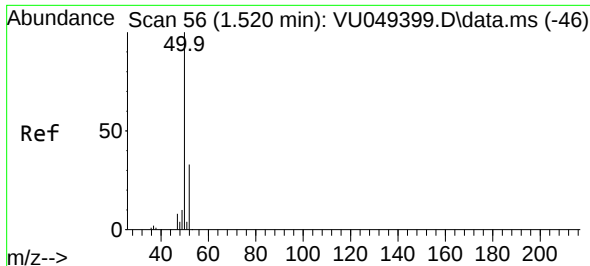
Tgt Ion:168 Resp: 224208  
Ion Ratio Lower Upper  
168 100  
99 60.5 39.3 58.9#



#2  
Dichlorodifluoromethane  
Concen: 18.361 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

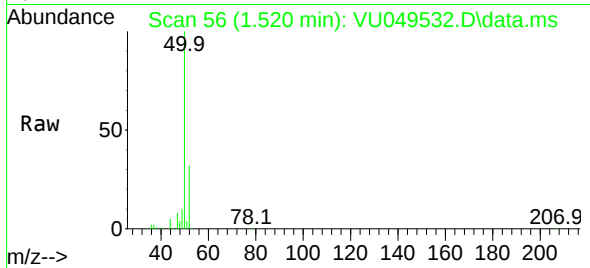
Tgt Ion: 85 Resp: 66152  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.4 49.2



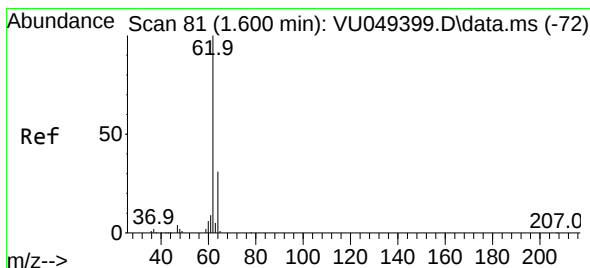
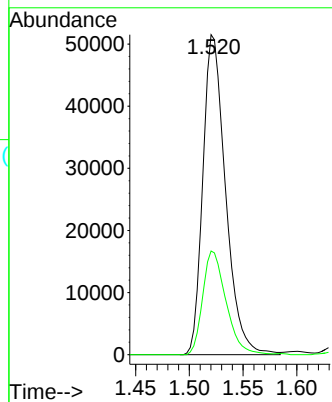
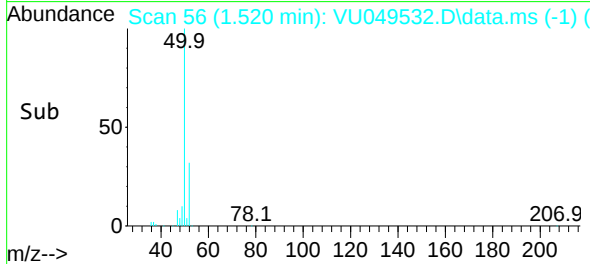


#3  
Chloromethane  
Concen: 16.661 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

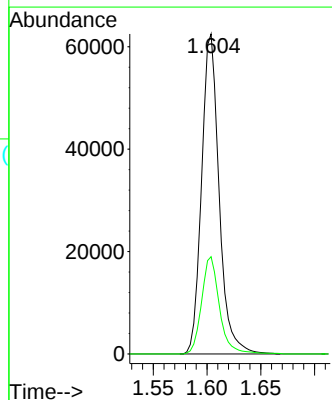
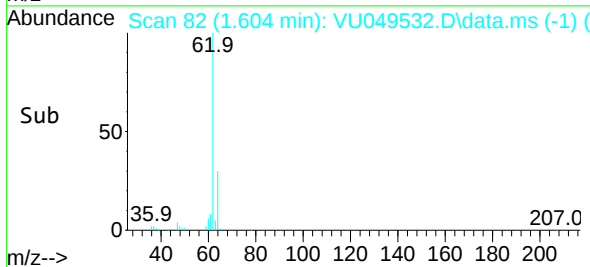
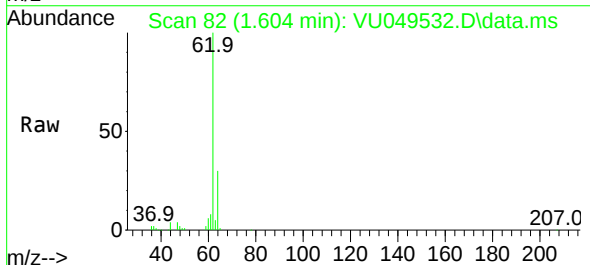


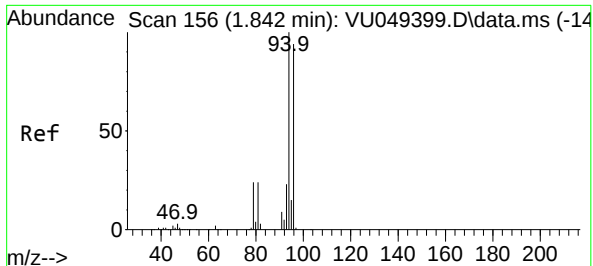
Tgt Ion: 50 Resp: 75748  
Ion Ratio Lower Upper  
50 100  
52 32.4 27.4 41.2



#4  
Vinyl Chloride  
Concen: 19.584 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 62 Resp: 71036  
Ion Ratio Lower Upper  
62 100  
64 30.4 25.3 37.9

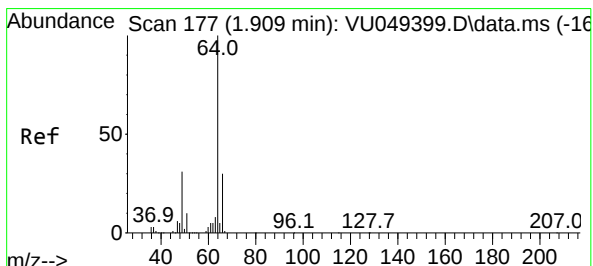
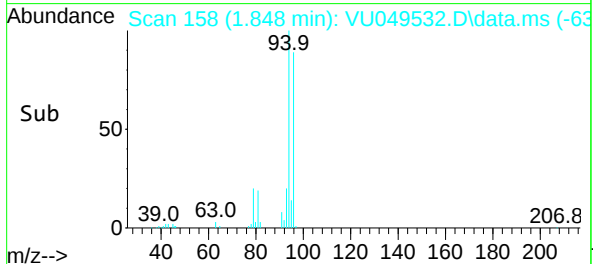
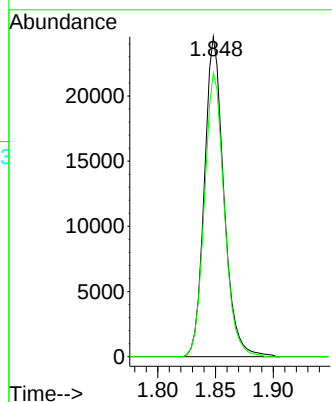
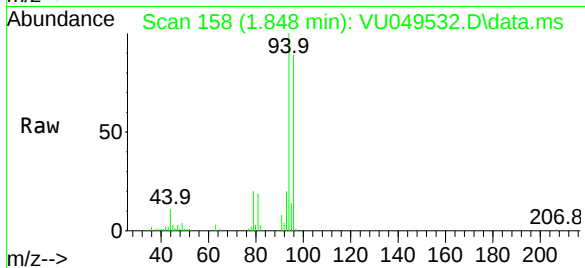




#5  
Bromomethane  
Concen: 25.489 ug/l  
RT: 1.848 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

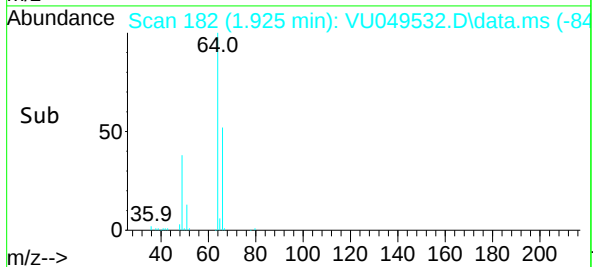
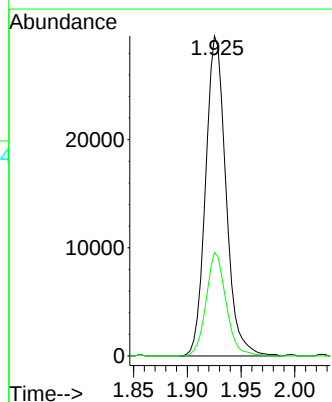
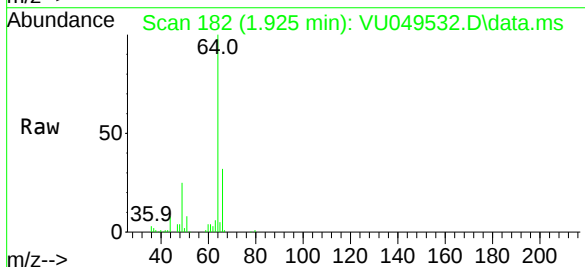
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

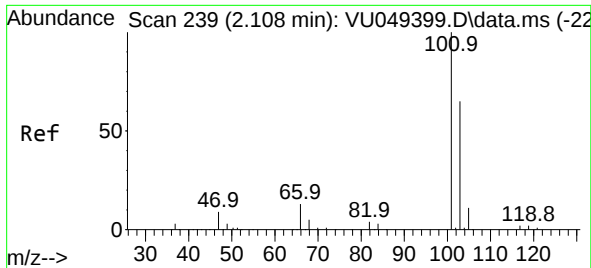
Tgt Ion: 94 Resp: 28749  
Ion Ratio Lower Upper  
94 100  
96 88.7 73.7 110.5



#6  
Chloroethane  
Concen: 24.313 ug/l  
RT: 1.925 min Scan# 182  
Delta R.T. 0.016 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 64 Resp: 38971  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.7 37.1

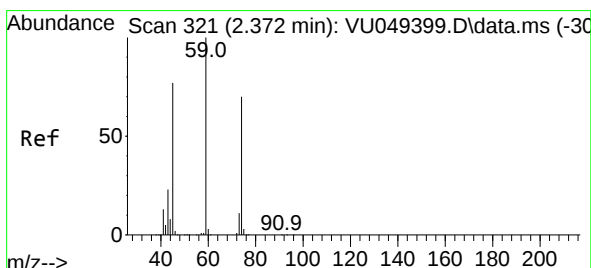
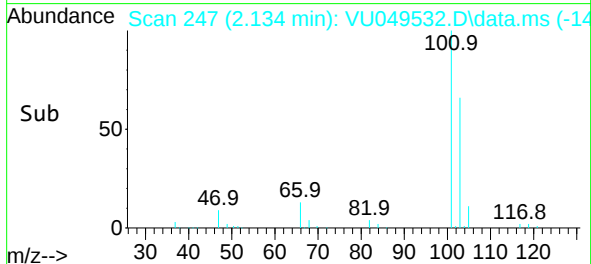
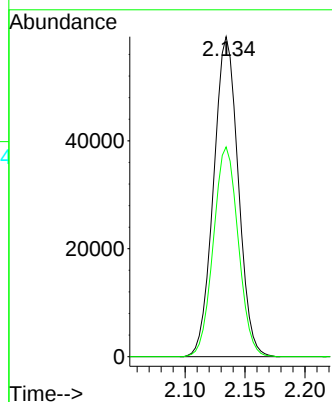
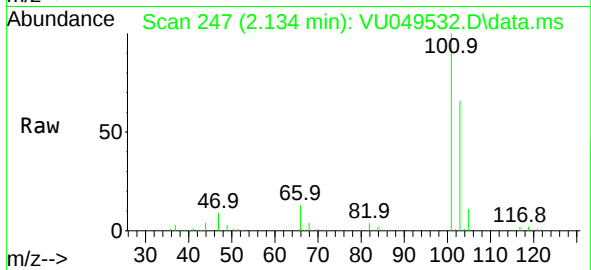




#7  
 Trichlorofluoromethane  
 Concen: 18.324 ug/l  
 RT: 2.134 min Scan# 24  
 Delta R.T. 0.026 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

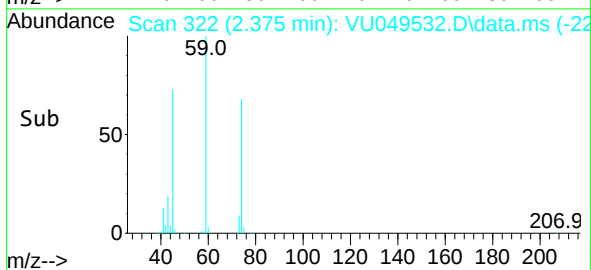
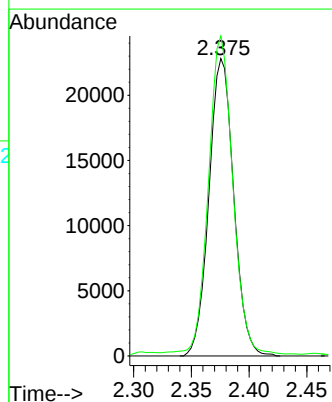
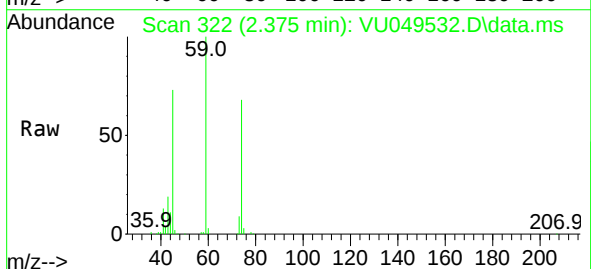
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBSD02

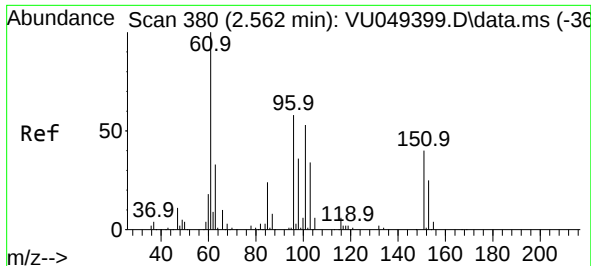
Tgt Ion:101 Resp: 84709  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 20.365 ug/l  
 RT: 2.375 min Scan# 322  
 Delta R.T. 0.003 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

Tgt Ion: 74 Resp: 34007  
 Ion Ratio Lower Upper  
 74 100  
 45 105.2 44.4 133.2

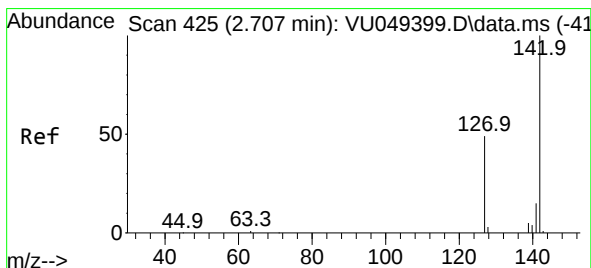
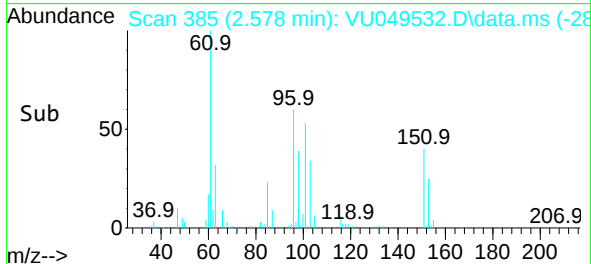
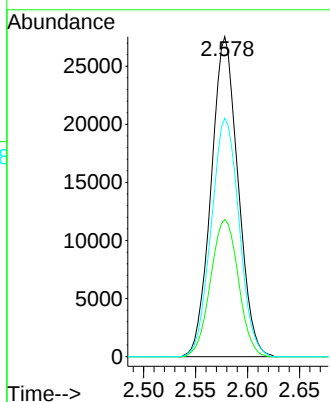
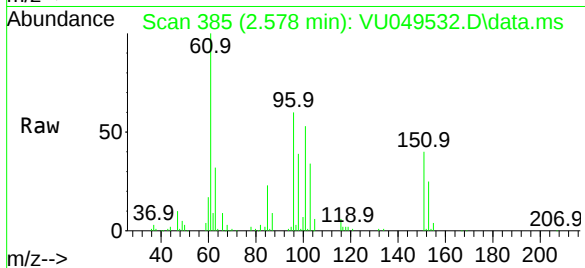




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.943 ug/l  
RT: 2.578 min Scan# 380  
Delta R.T. 0.016 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

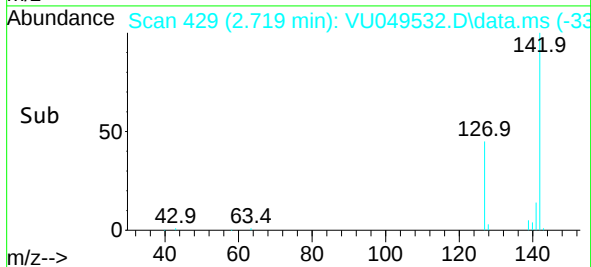
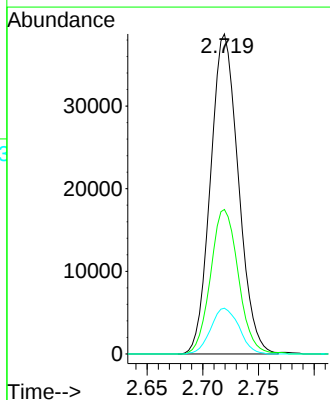
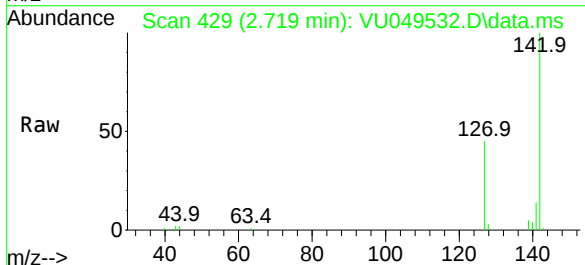
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

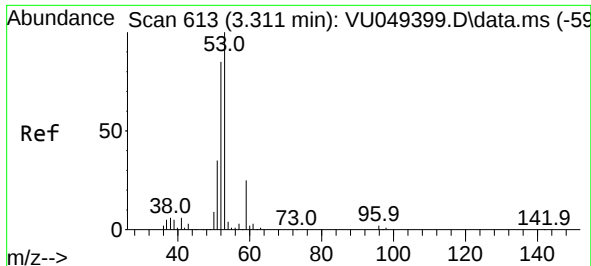
Tgt Ion:101 Resp: 49602  
Ion Ratio Lower Upper  
101 100  
85 44.3 33.9 50.9  
151 77.3 64.0 96.0



#10  
Methyl Iodide  
Concen: 30.964 ug/l  
RT: 2.719 min Scan# 429  
Delta R.T. 0.013 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:142 Resp: 67458  
Ion Ratio Lower Upper  
142 100  
127 45.1 32.5 48.7  
141 14.5 11.4 17.0

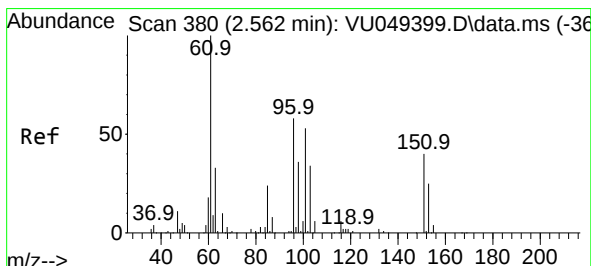
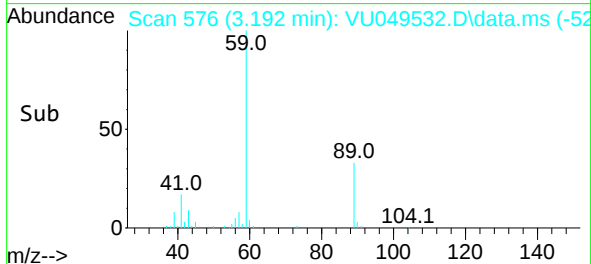
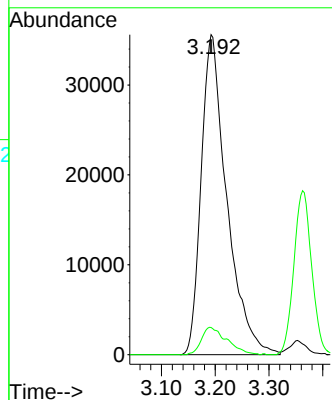
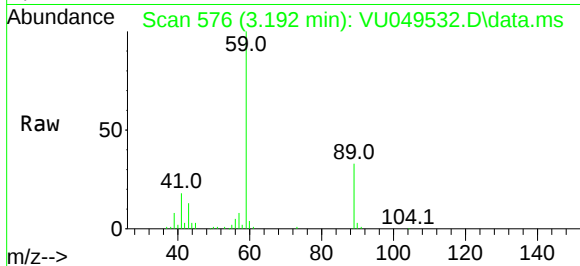




#11  
Tert butyl alcohol  
Concen: 145.439 ug/l  
RT: 3.192 min Scan# 51  
Delta R.T. -0.119 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

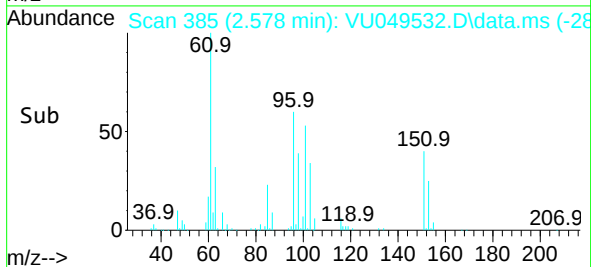
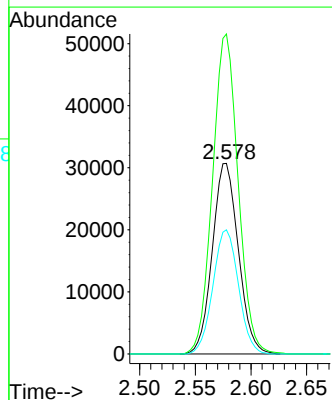
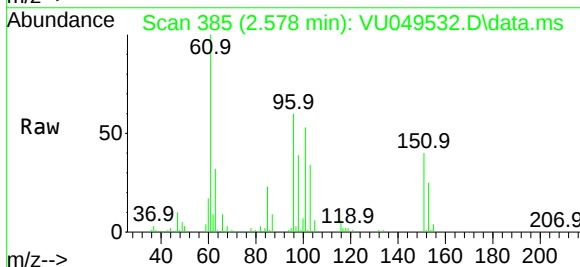
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

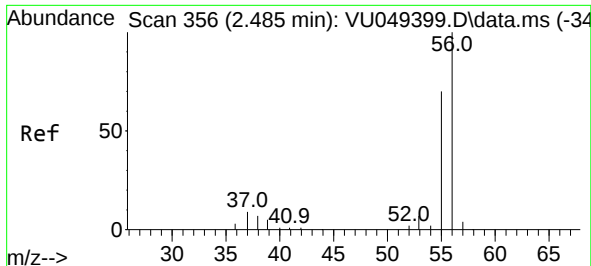
Tgt Ion: 59 Resp: 117543  
Ion Ratio Lower Upper  
59 100  
57 8.5 30.6 45.8#



#12  
1,1-Dichloroethene  
Concen: 20.470 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. 0.016 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 96 Resp: 49849  
Ion Ratio Lower Upper  
96 100  
61 167.9 122.2 183.2  
98 65.2 50.7 76.1

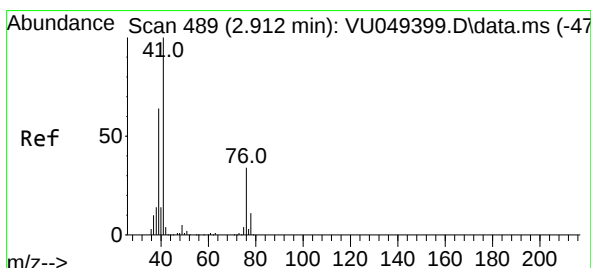
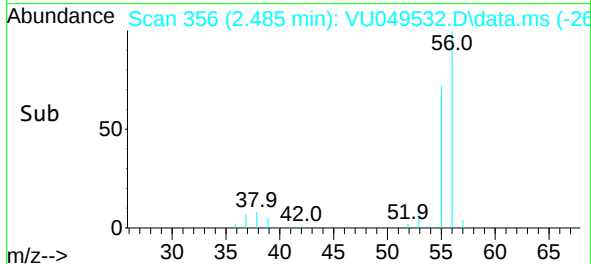
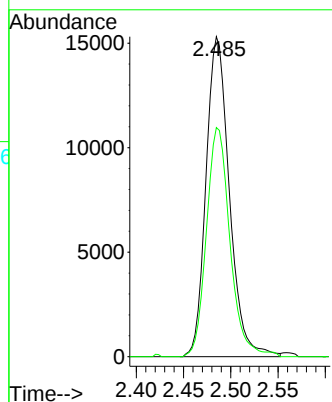
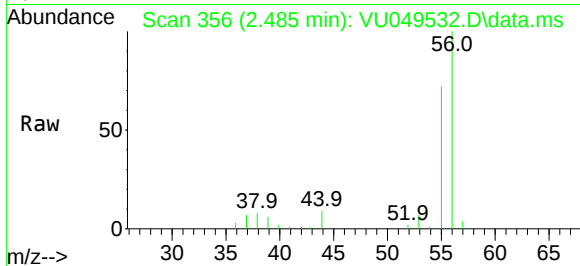




#13  
Acrolein  
Concen: 48.118 ug/l  
RT: 2.485 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

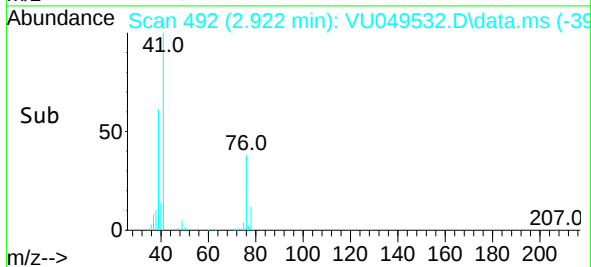
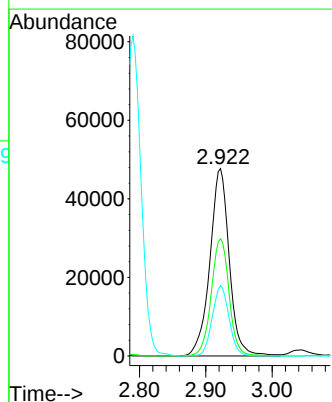
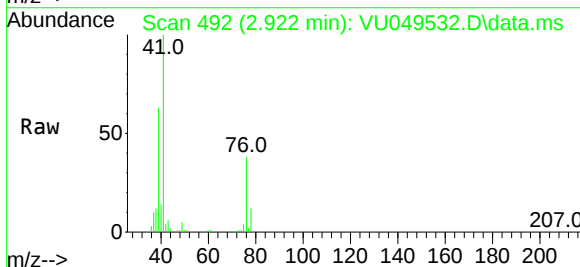
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

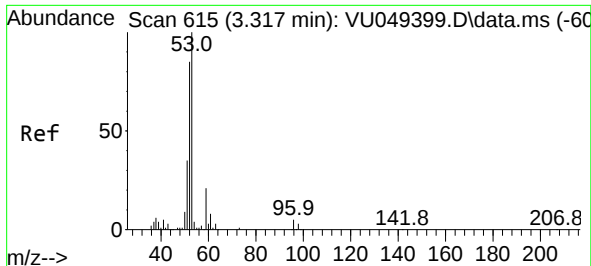
Tgt Ion: 56 Resp: 26336  
Ion Ratio Lower Upper  
56 100  
55 72.2 56.6 85.0



#14  
Allyl chloride  
Concen: 19.744 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. 0.010 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 41 Resp: 97171  
Ion Ratio Lower Upper  
41 100  
39 57.5 53.4 80.2  
76 32.3 33.8 50.6#

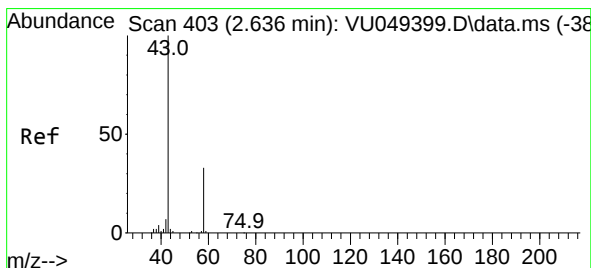
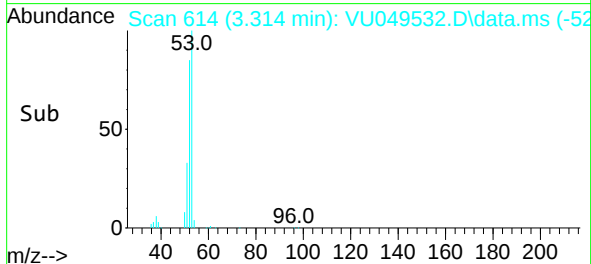
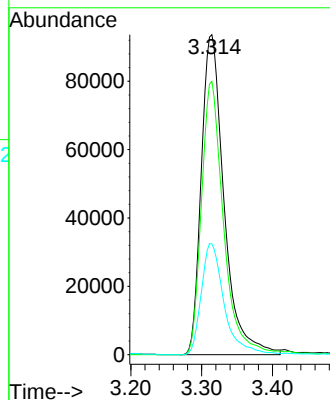
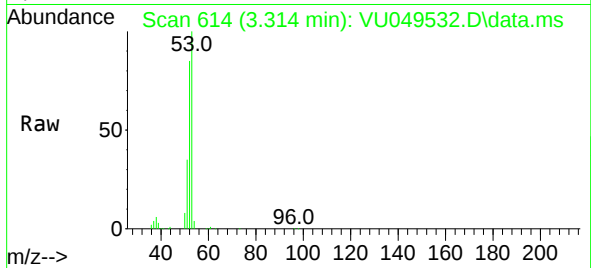




#15  
Acrylonitrile  
Concen: 107.356 ug/l  
RT: 3.314 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

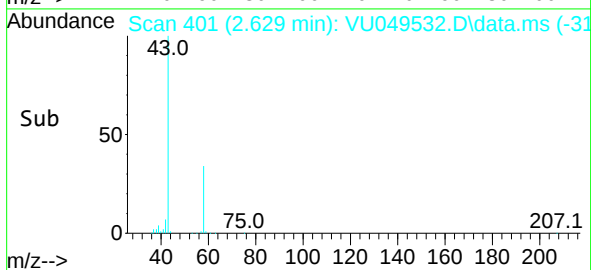
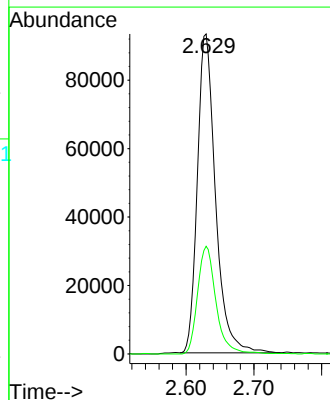
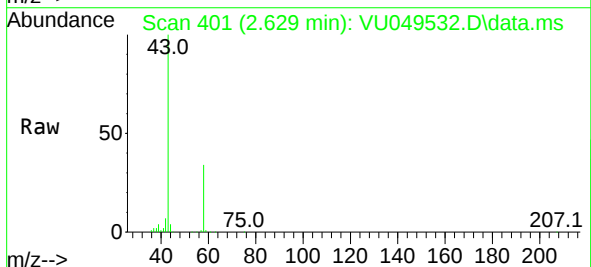
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

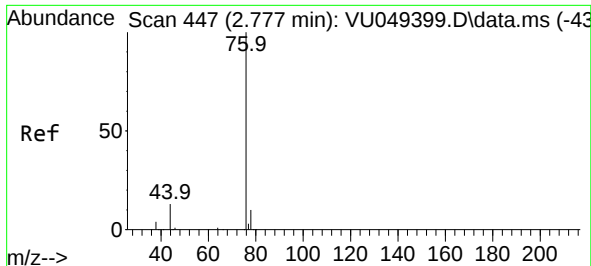
Tgt Ion: 53 Resp: 208674  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.7 98.5  
51 34.9 28.2 42.4



#16  
Acetone  
Concen: 99.505 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 43 Resp: 173268  
Ion Ratio Lower Upper  
43 100  
58 33.8 27.5 41.3

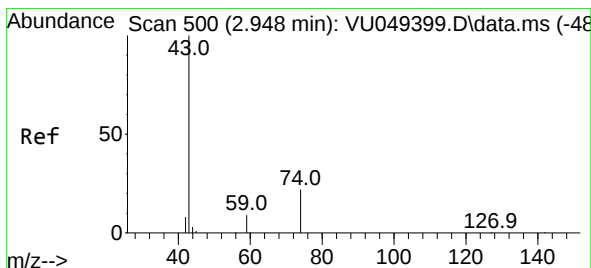
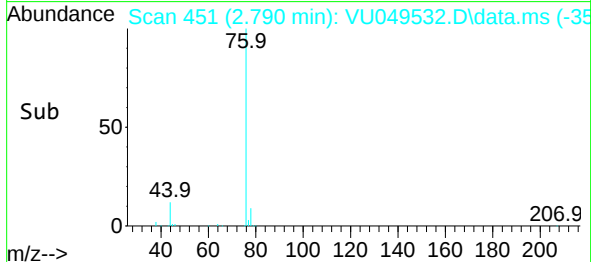
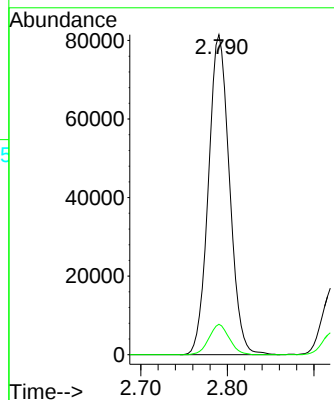
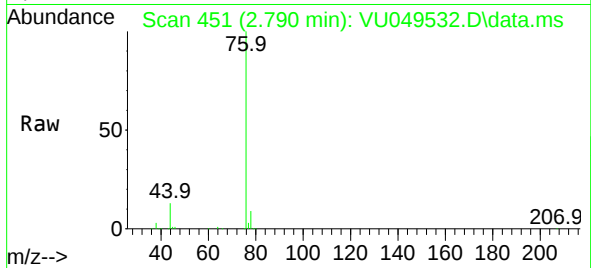




#17  
Carbon Disulfide  
Concen: 18.077 ug/l  
RT: 2.790 min Scan# 447  
Delta R.T. 0.013 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

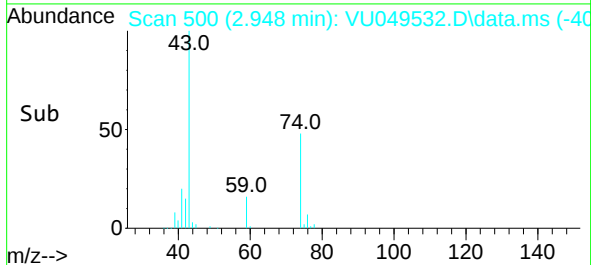
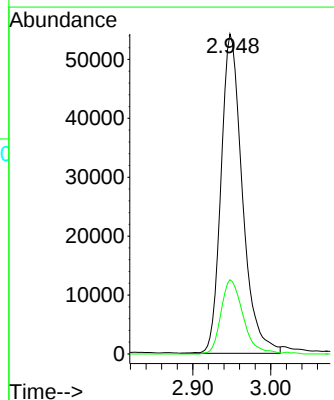
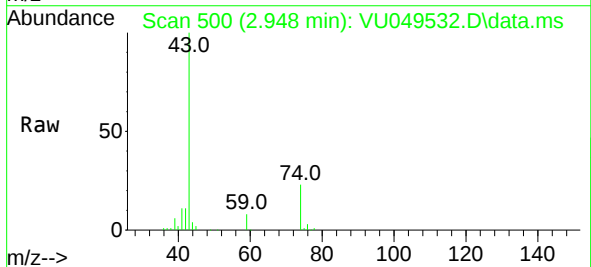
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

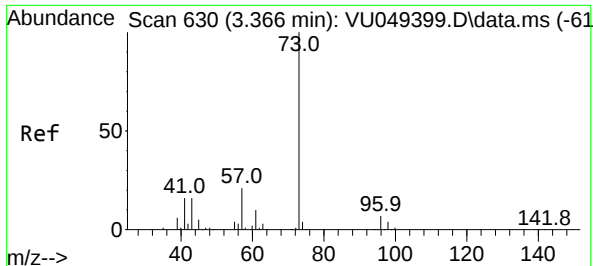
Tgt Ion: 76 Resp: 137285  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.894 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 43 Resp: 103202  
Ion Ratio Lower Upper  
43 100  
74 24.0 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.760 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

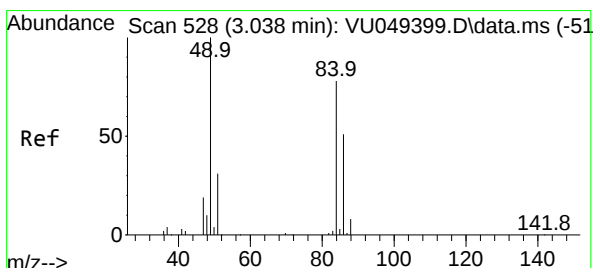
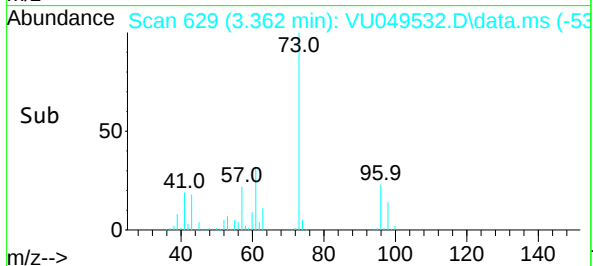
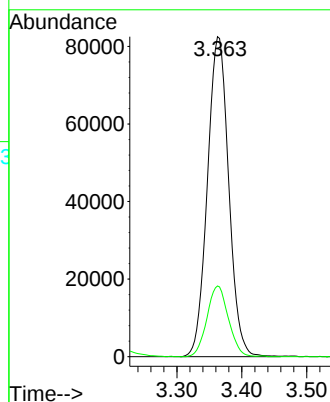
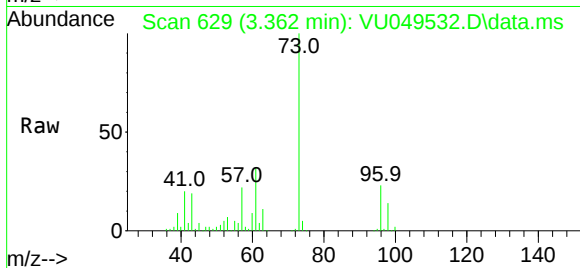
VU0629WBSD02

Tgt Ion: 73 Resp: 188023

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



#20

Methylene Chloride

Concen: 20.858 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.006 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Tgt Ion: 84 Resp: 61714

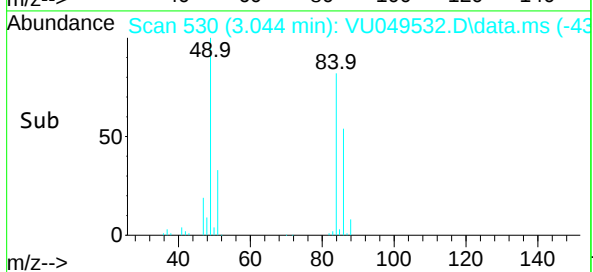
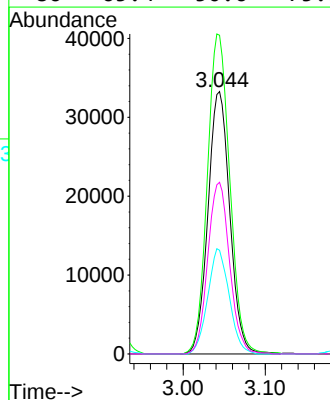
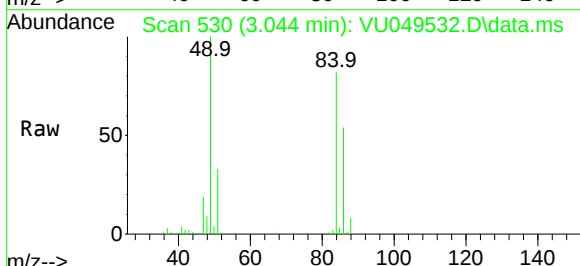
Ion Ratio Lower Upper

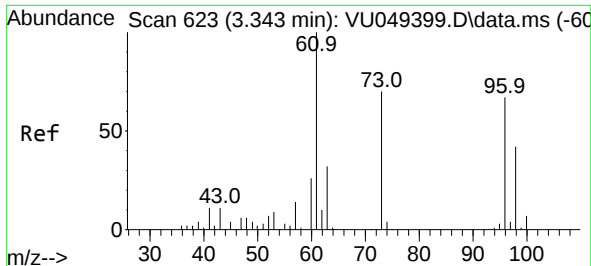
84 100

49 121.5 86.6 129.8

51 39.5 26.6 40.0

86 65.4 50.6 75.8

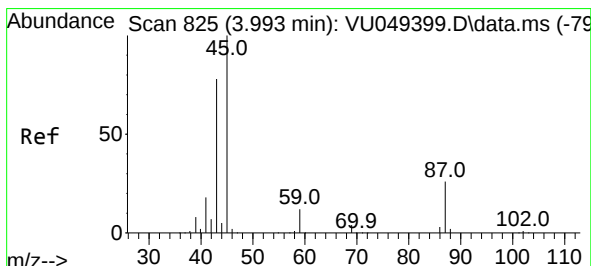
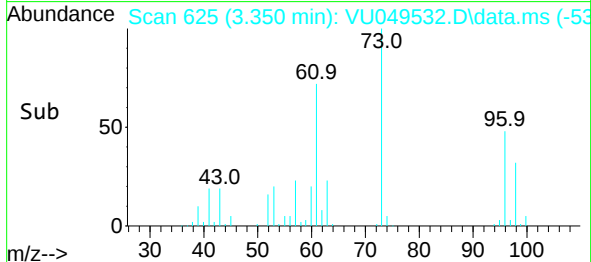
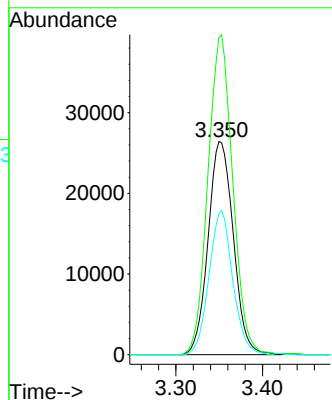
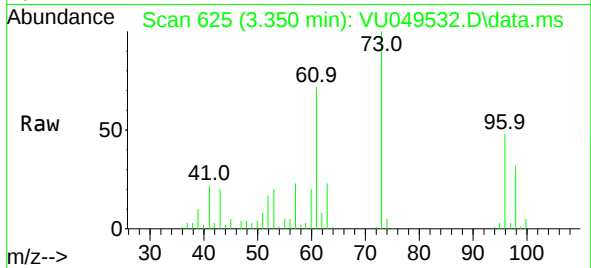




#21  
trans-1,2-Dichloroethene  
Concen: 20.377 ug/l  
RT: 3.350 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

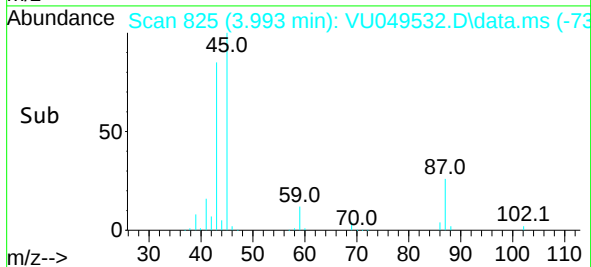
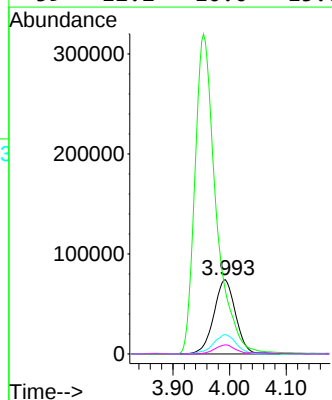
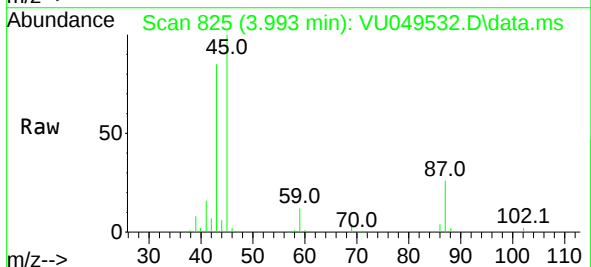
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

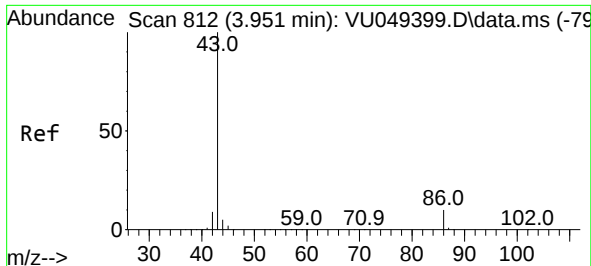
Tgt Ion: 96 Resp: 53493  
Ion Ratio Lower Upper  
96 100  
61 148.7 106.1 159.1  
98 66.3 50.8 76.2



#22  
Diisopropyl ether  
Concen: 21.002 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 45 Resp: 197346  
Ion Ratio Lower Upper  
45 100  
43 83.5 92.9 139.3#  
87 26.1 26.2 39.2#  
59 12.2 10.0 15.0

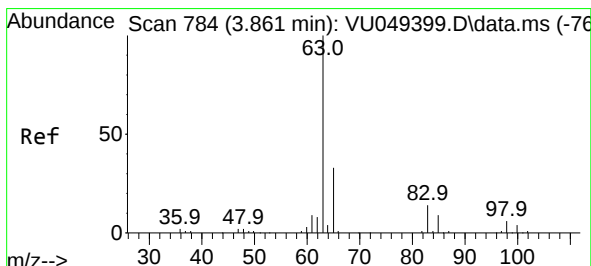
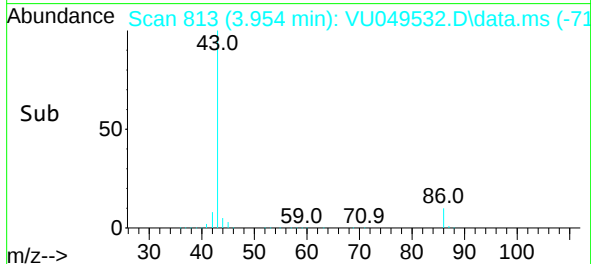
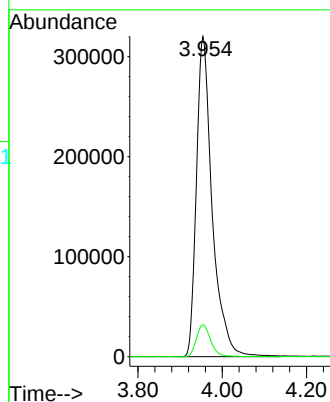
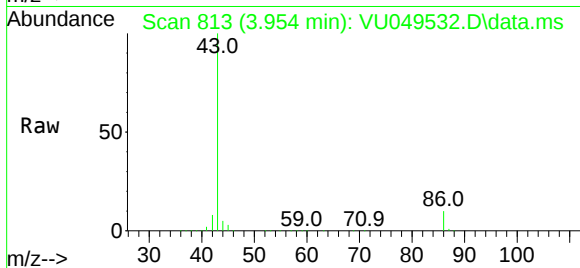




#23  
 Vinyl Acetate  
 Concen: 100.993 ug/l  
 RT: 3.954 min Scan# 812  
 Delta R.T. 0.003 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

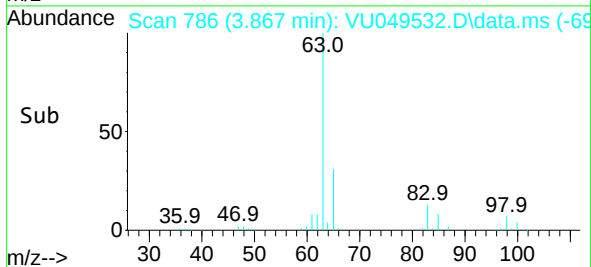
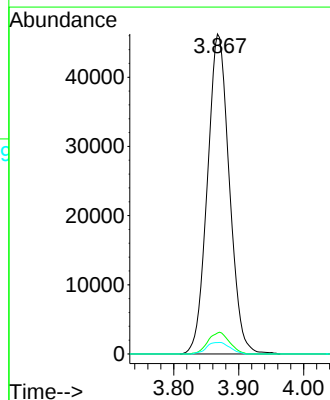
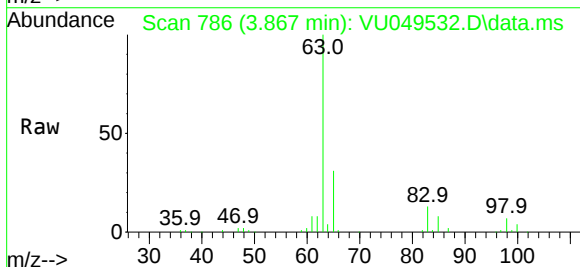
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBSD02

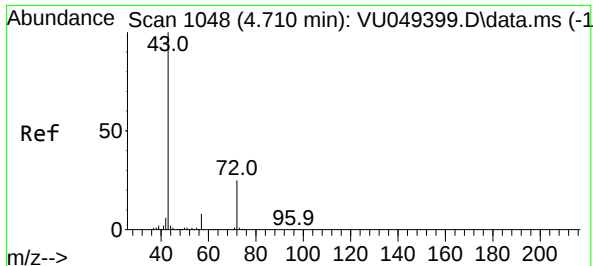
Tgt Ion: 43 Resp: 831783  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 20.088 ug/l  
 RT: 3.867 min Scan# 786  
 Delta R.T. 0.007 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

Tgt Ion: 63 Resp: 108423  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.9  
 100 3.6 2.4 7.2

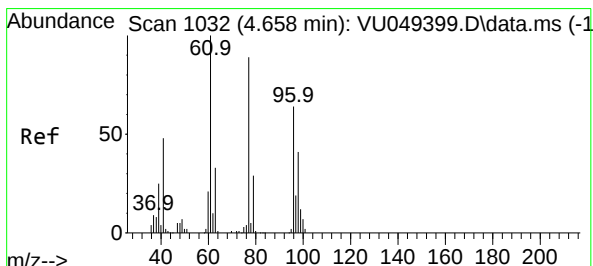
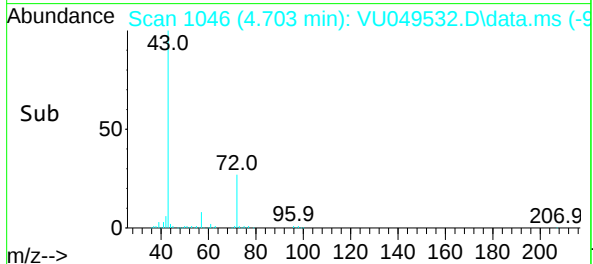
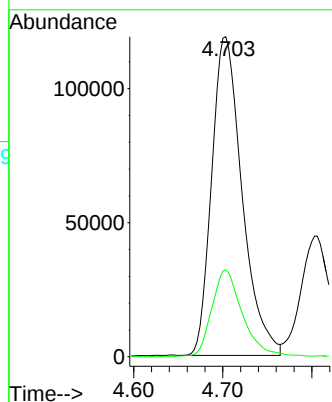
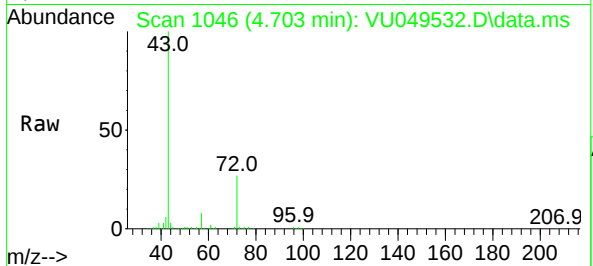




#25  
2-Butanone  
Concen: 108.129 ug/l  
RT: 4.703 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

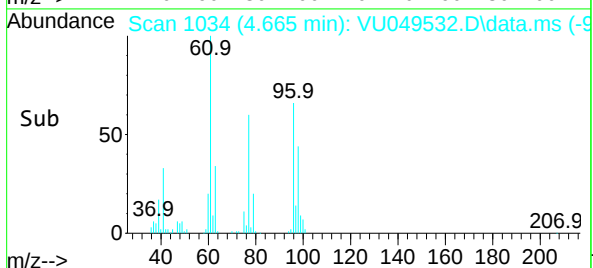
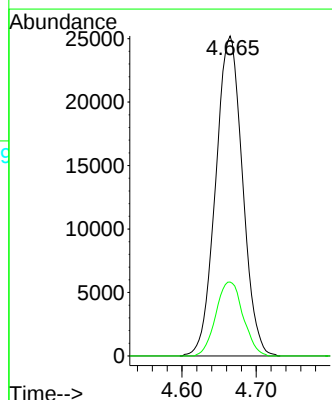
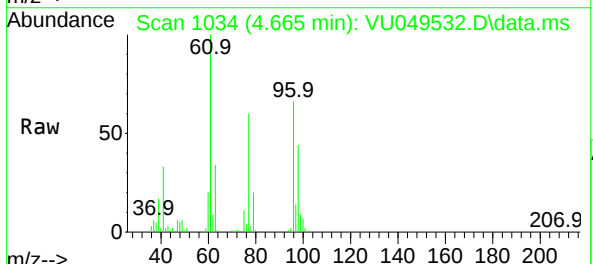
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

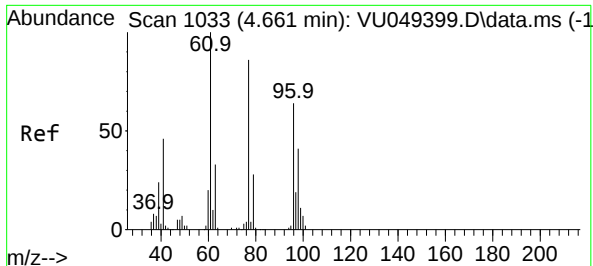
Tgt Ion: 43 Resp: 282173  
Ion Ratio Lower Upper  
43 100  
72 27.0 23.8 35.6



#26  
2,2-Dichloropropane  
Concen: 14.105 ug/l  
RT: 4.665 min Scan# 1034  
Delta R.T. 0.007 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 77 Resp: 63363  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.703 ug/l

RT: 4.668 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

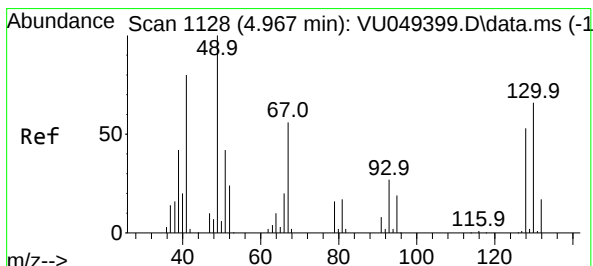
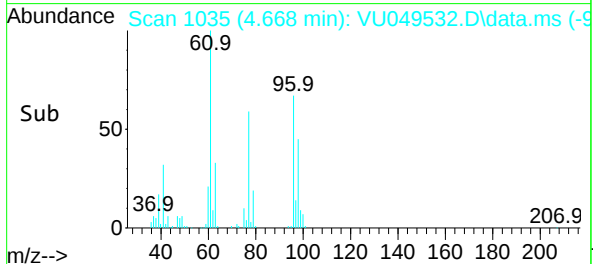
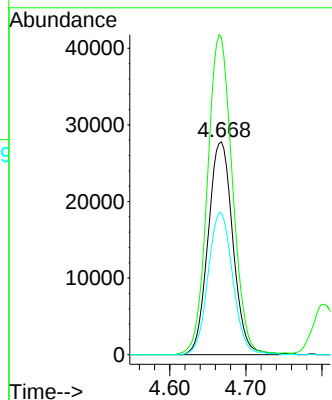
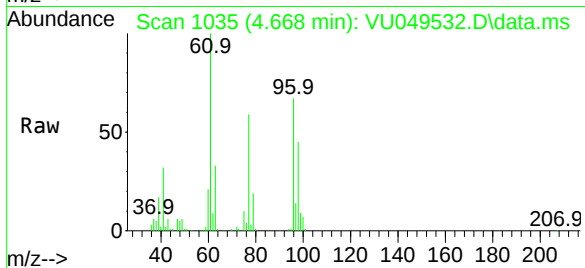
Tgt Ion: 96 Resp: 62794

Ion Ratio Lower Upper

96 100

61 151.3 0.0 271.6

98 66.5 0.0 128.2



#28

Bromochloromethane

Concen: 20.346 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

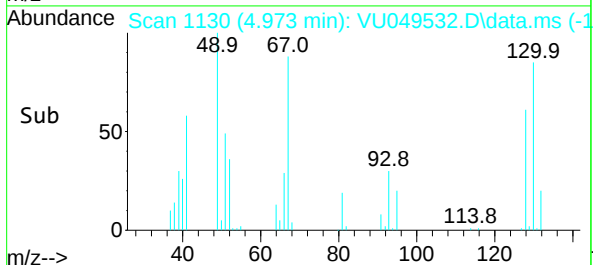
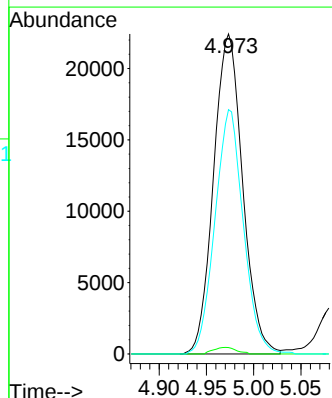
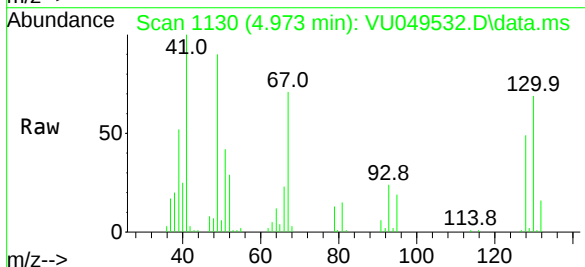
Tgt Ion: 49 Resp: 48003

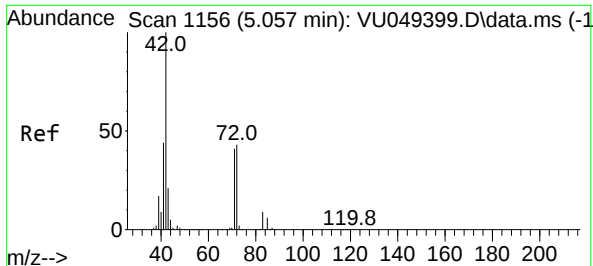
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 74.5 76.9 115.3#





#29

Tetrahydrofuran

Concen: 108.011 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

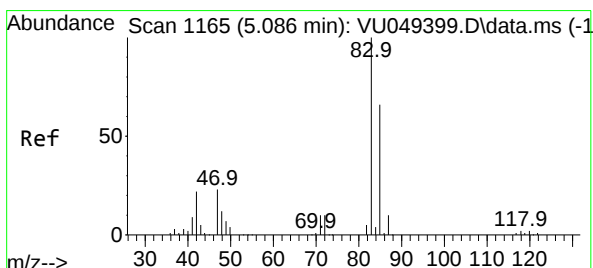
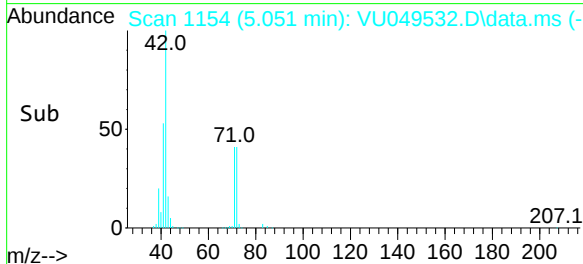
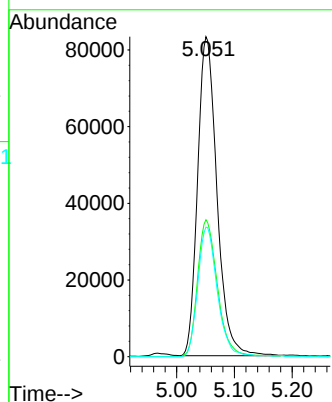
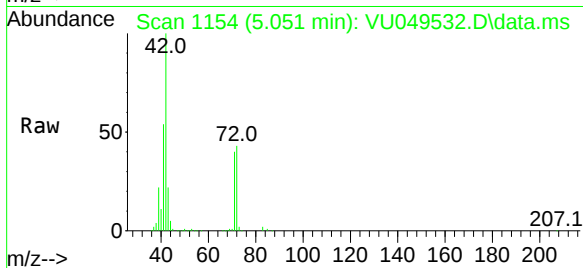
Tgt Ion: 42 Resp: 193362

Ion Ratio Lower Upper

42 100

72 44.2 42.6 63.8

71 40.7 40.3 60.5



#30

Chloroform

Concen: 20.101 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049532.D

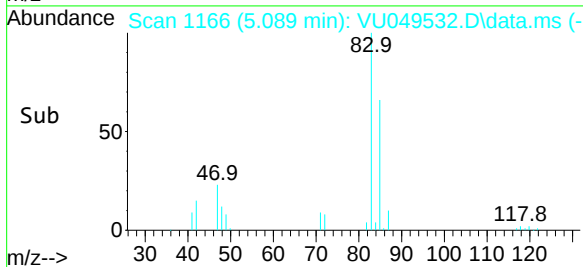
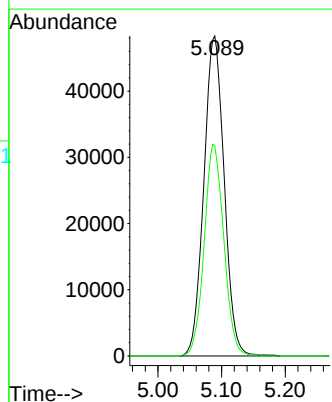
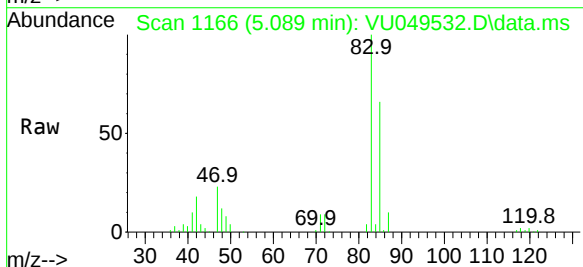
Acq: 29 Jun 2022 23:36

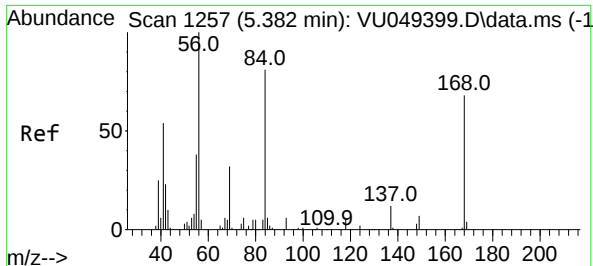
Tgt Ion: 83 Resp: 107326

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

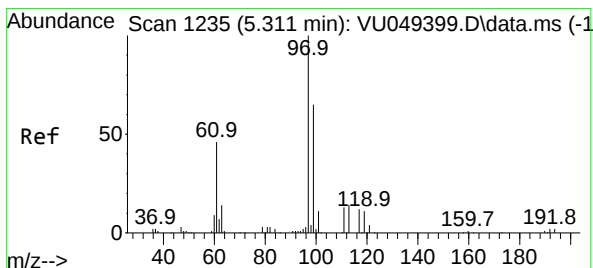
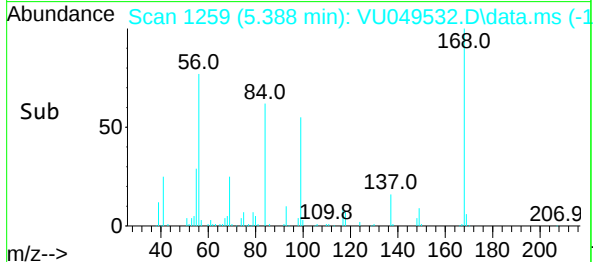
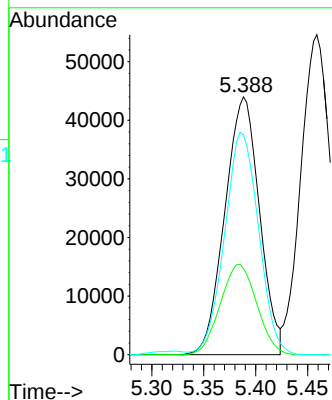
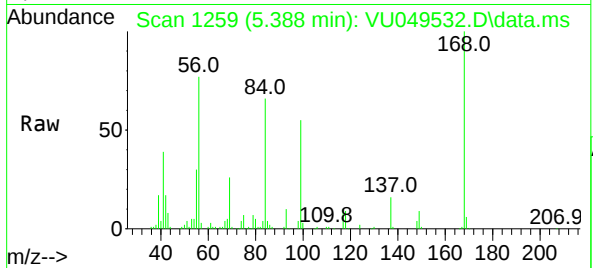




#31  
Cyclohexane  
Concen: 19.674 ug/l  
RT: 5.388 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

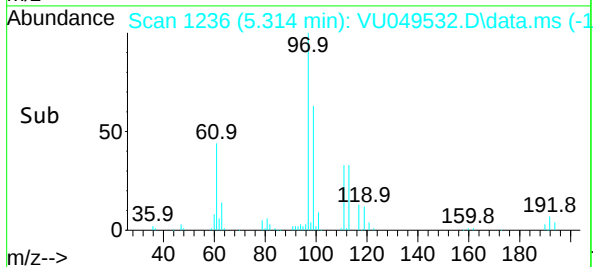
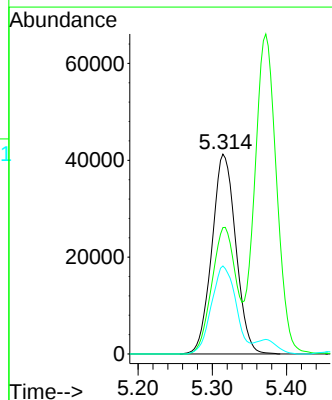
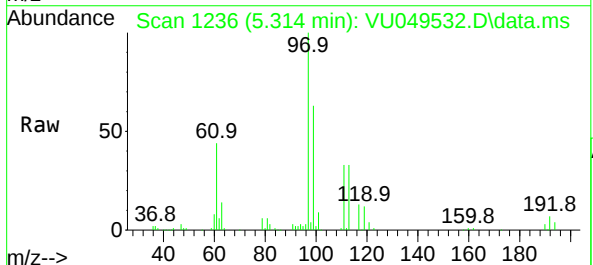
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

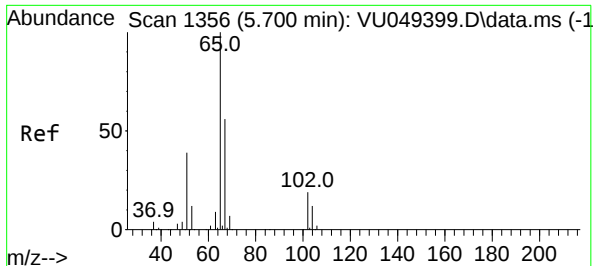
Tgt Ion: 56 Resp: 102003  
Ion Ratio Lower Upper  
56 100  
69 33.5 27.8 41.8  
84 84.2 74.2 111.4



#32  
1,1,1-Trichloroethane  
Concen: 19.937 ug/l  
RT: 5.314 min Scan# 1236  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 97 Resp: 92359  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.8 77.6  
61 45.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.561 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

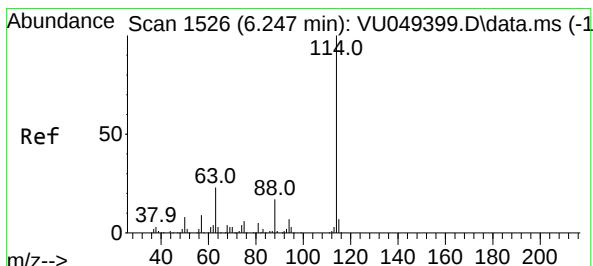
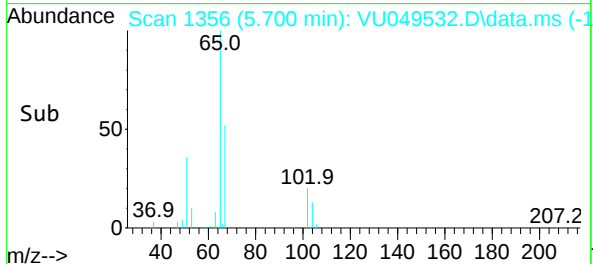
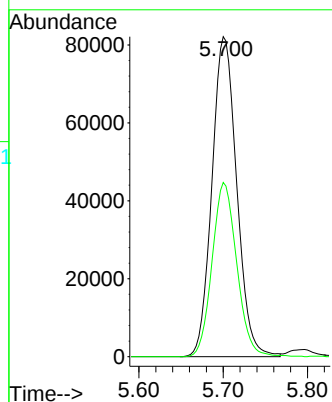
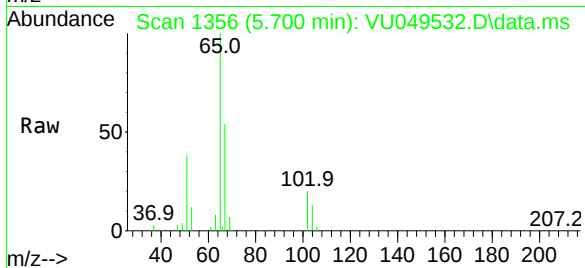
VU0629WBSD02

Tgt Ion: 65 Resp: 167680

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

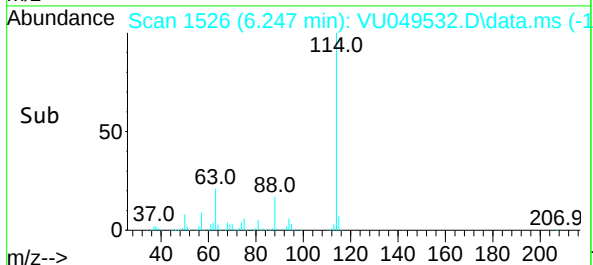
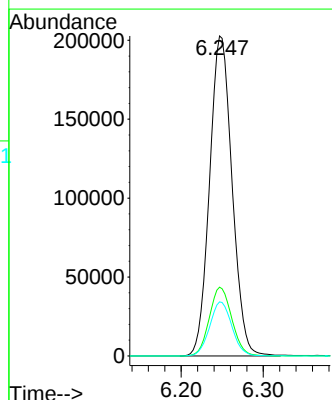
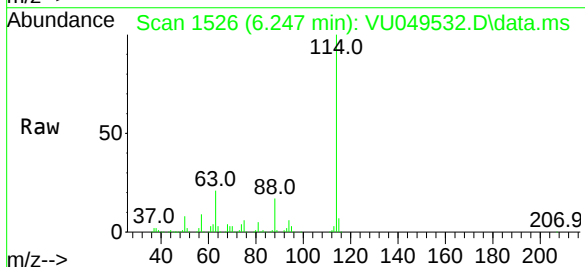
Tgt Ion: 114 Resp: 385860

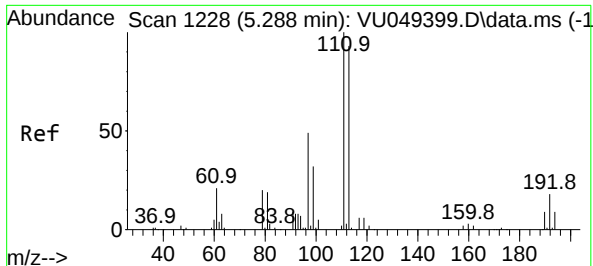
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.090 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

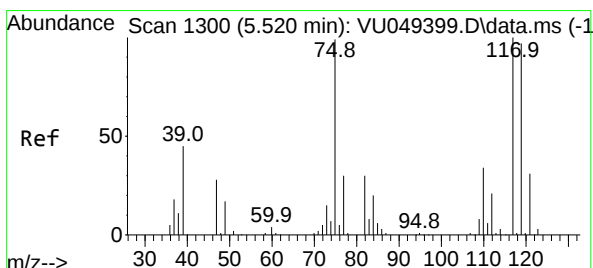
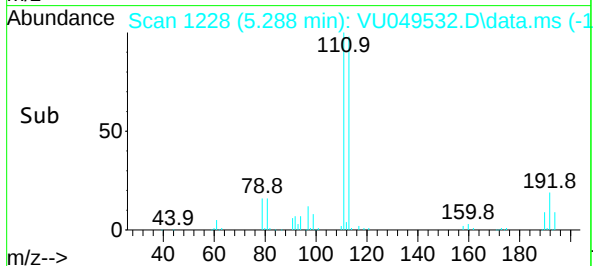
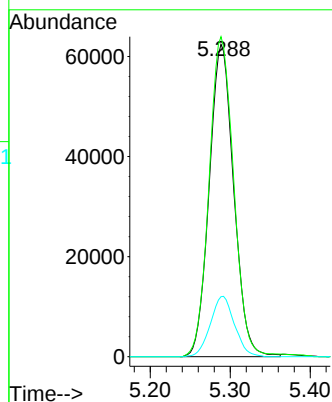
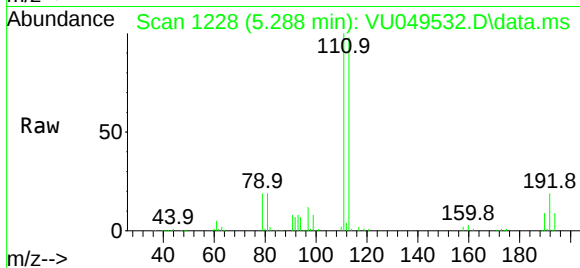
Tgt Ion:113 Resp: 132522

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 19.1 18.0 27.0



#36

1,1-Dichloropropene

Concen: 19.916 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

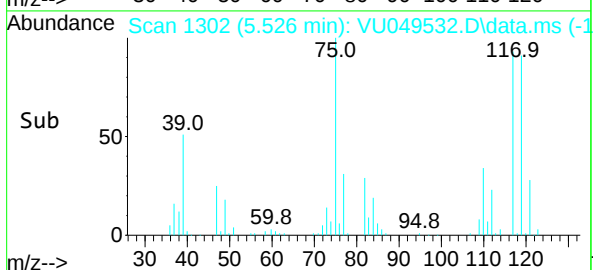
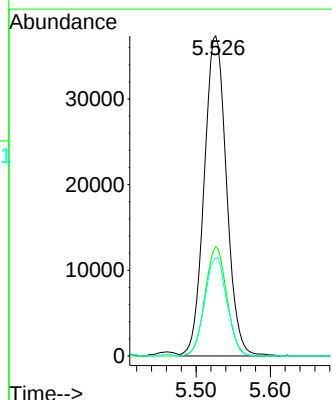
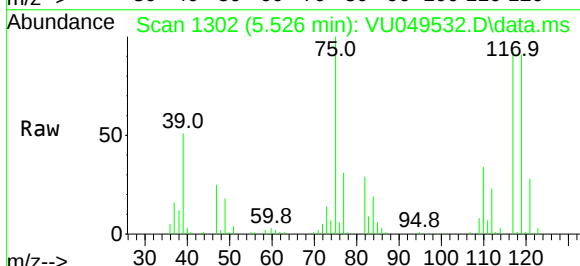
Tgt Ion: 75 Resp: 77959

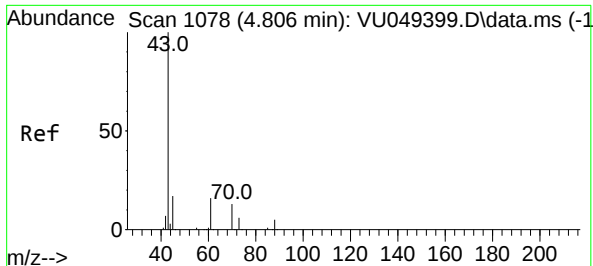
Ion Ratio Lower Upper

75 100

110 33.1 18.4 55.2

77 30.9 25.1 37.7

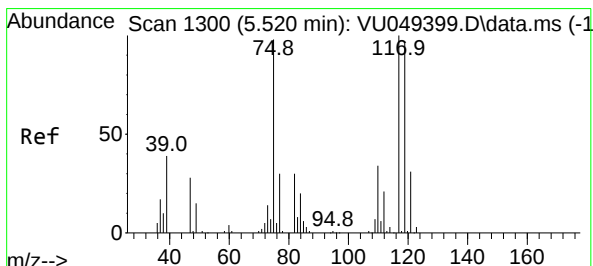
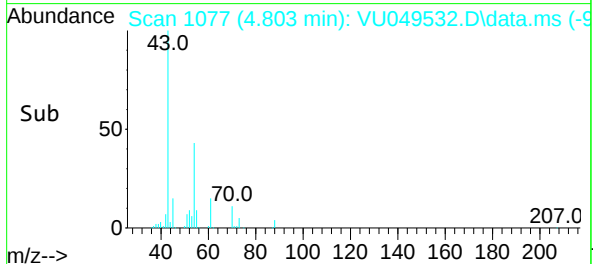
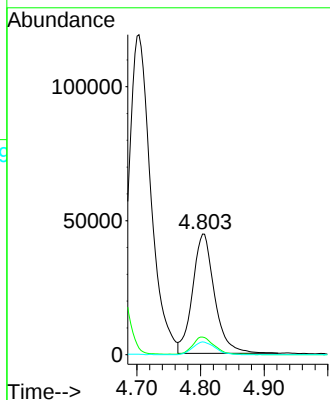
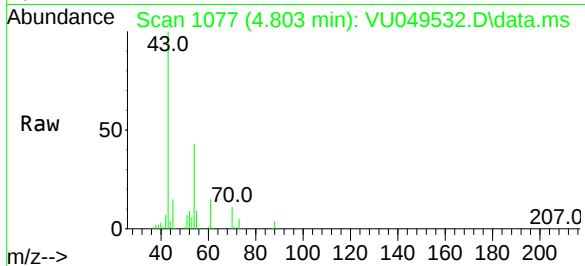




#37  
Ethyl Acetate  
Concen: 19.885 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

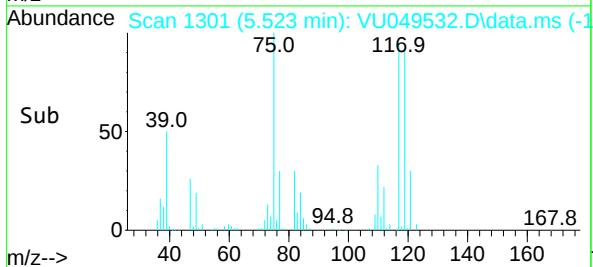
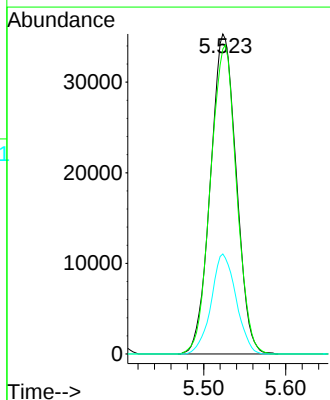
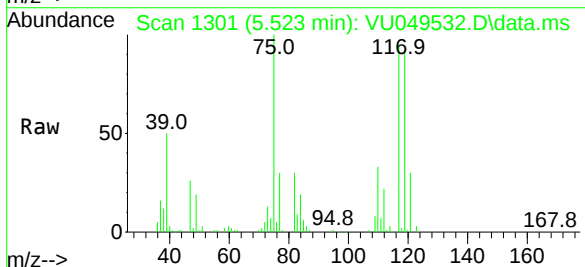
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

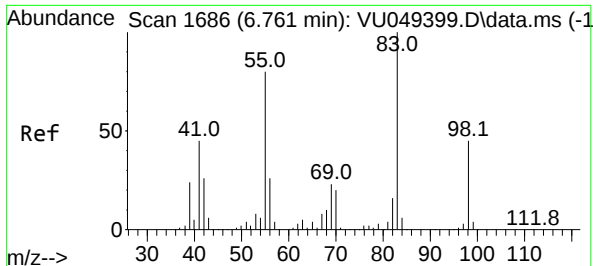
Tgt Ion: 43 Resp: 106361  
Ion Ratio Lower Upper  
43 100  
61 13.9 9.5 14.3  
70 10.8 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 18.819 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 117 Resp: 77255  
Ion Ratio Lower Upper  
117 100  
119 95.3 76.8 115.2  
121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 19.043 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

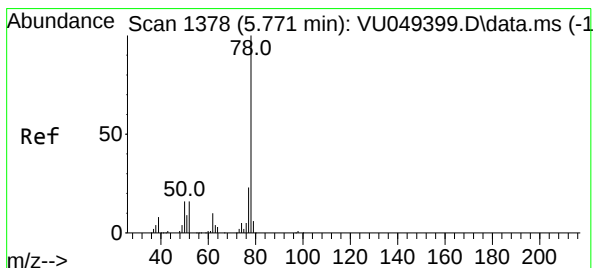
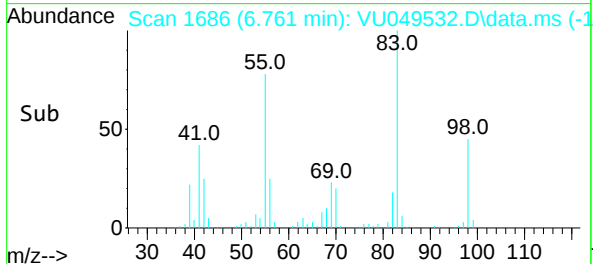
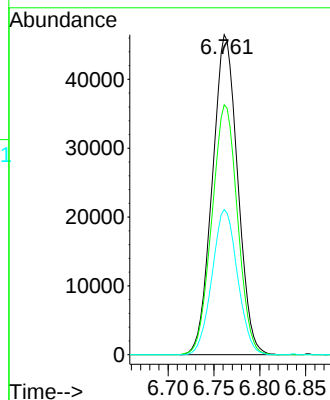
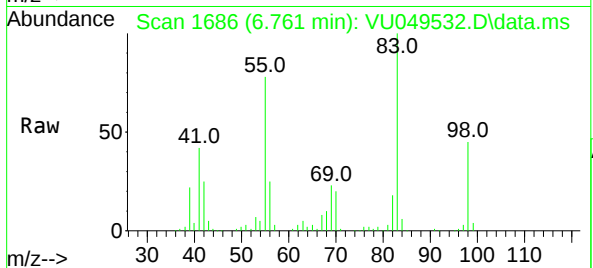
Tgt Ion: 83 Resp: 89347

Ion Ratio Lower Upper

83 100

55 78.1 55.3 82.9

98 45.4 37.3 55.9



#40

Benzene

Concen: 20.194 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049532.D

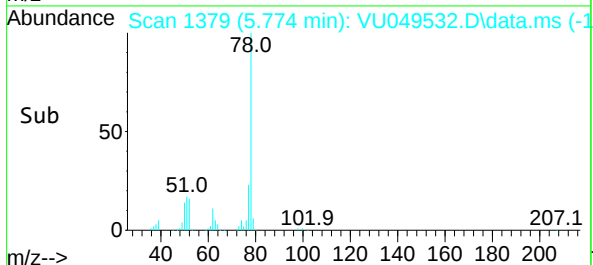
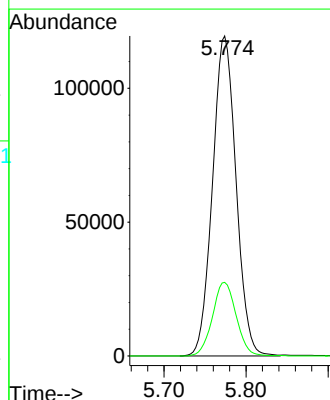
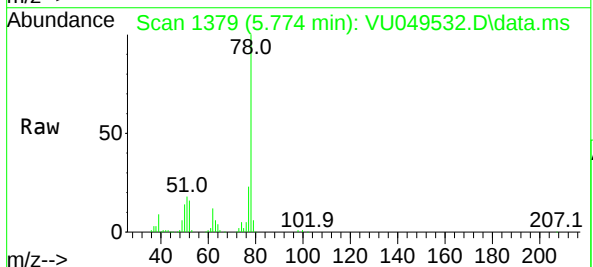
Acq: 29 Jun 2022 23:36

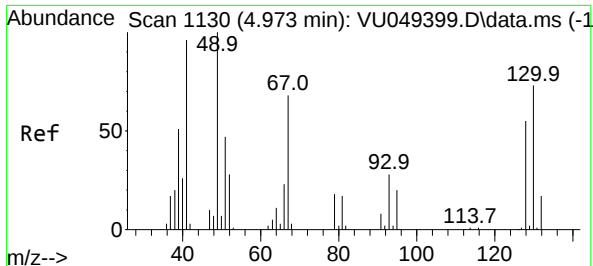
Tgt Ion: 78 Resp: 238656

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2

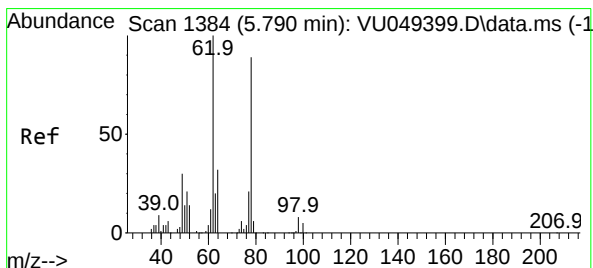
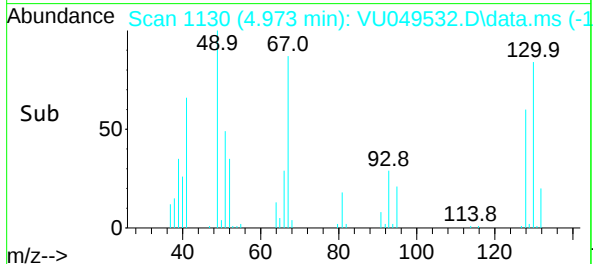
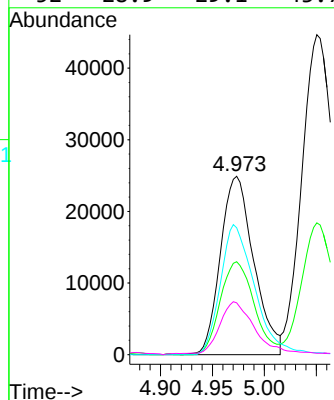
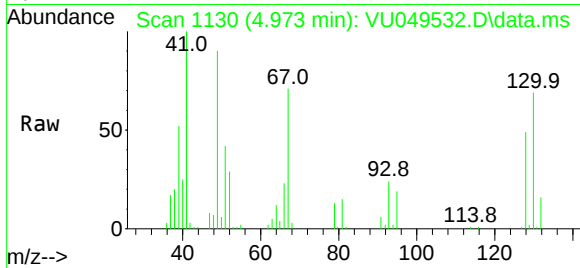




#41  
Methacrylonitrile  
Concen: 20.782 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

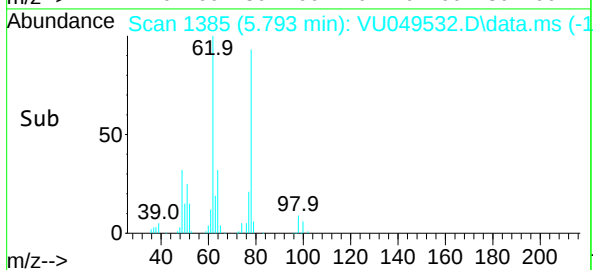
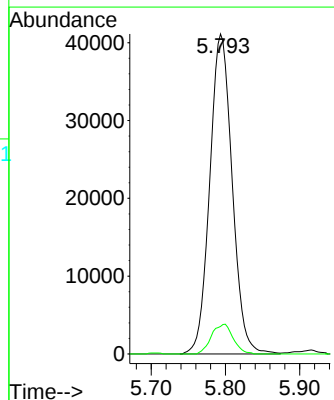
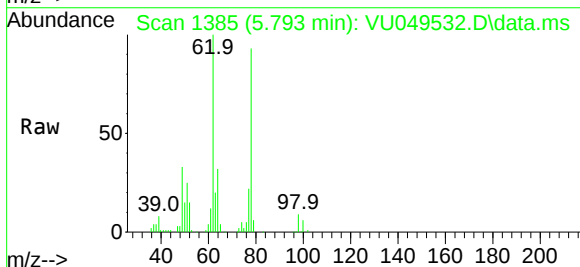
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

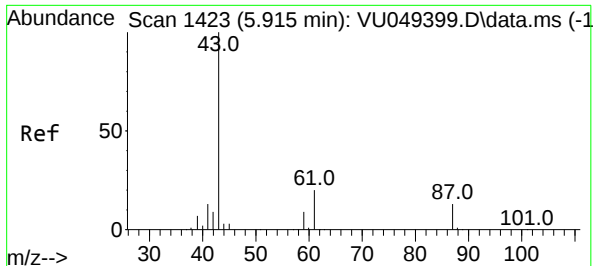
Tgt Ion: 41 Resp: 55700  
Ion Ratio Lower Upper  
41 100  
39 52.5 43.1 64.7  
67 75.0 72.3 108.5  
52 28.9 29.1 43.7#



#42  
1,2-Dichloroethane  
Concen: 19.609 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 62 Resp: 86249  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 18.6

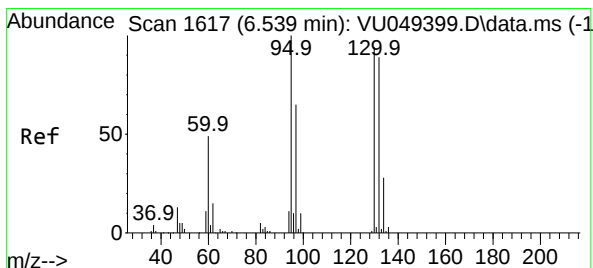
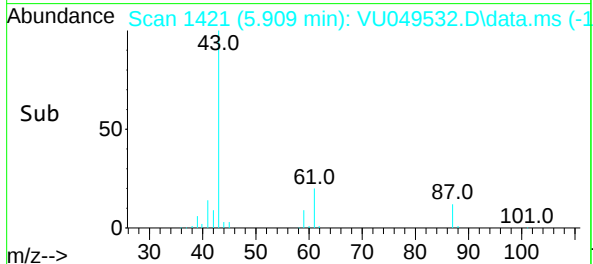
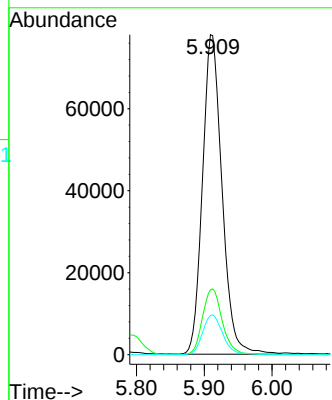
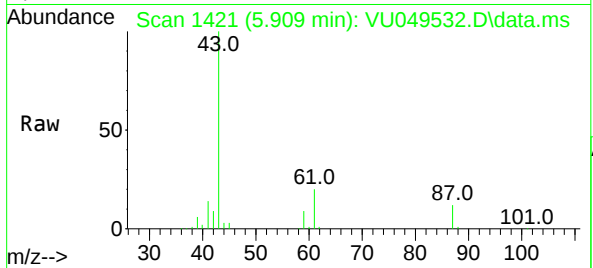




#43  
Isopropyl Acetate  
Concen: 19.855 ug/l  
RT: 5.909 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

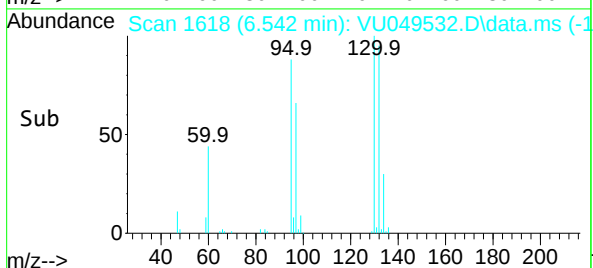
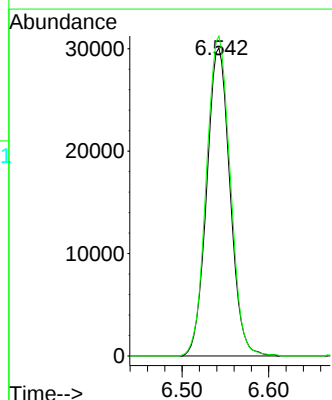
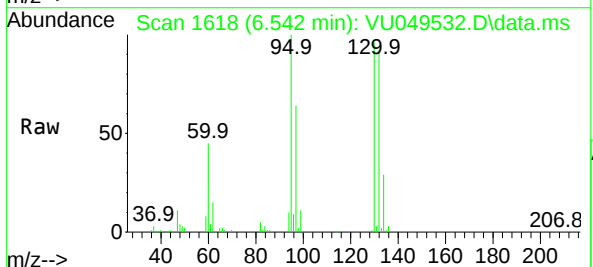
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

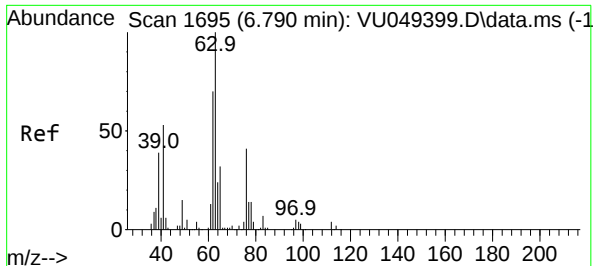
Tgt Ion: 43 Resp: 155615  
Ion Ratio Lower Upper  
43 100  
61 21.0 17.4 26.0  
87 12.9 12.6 18.8



#44  
Trichloroethene  
Concen: 20.009 ug/l  
RT: 6.542 min Scan# 1618  
Delta R.T. 0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:130 Resp: 56212  
Ion Ratio Lower Upper  
130 100  
95 103.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 20.197 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

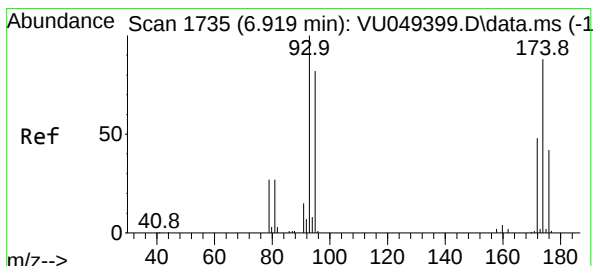
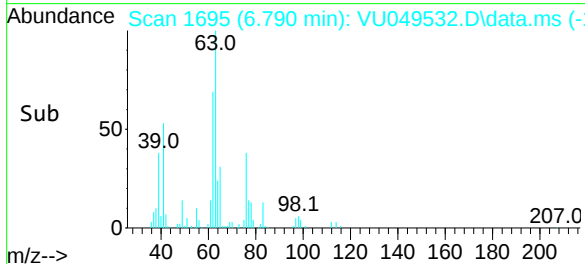
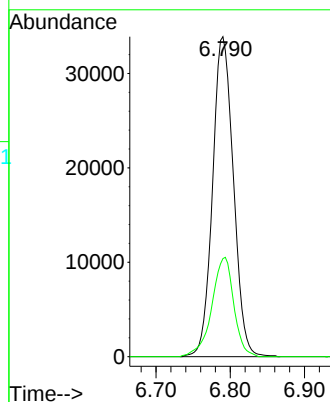
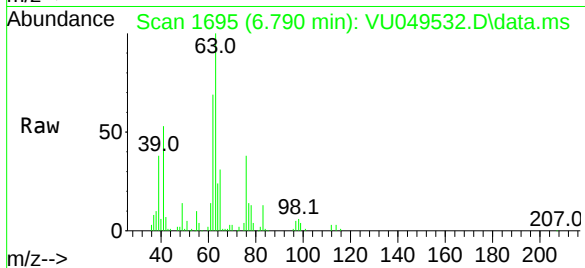
VU0629WBSD02

Tgt Ion: 63 Resp: 66136

Ion Ratio Lower Upper

63 100

65 30.6 25.0 37.4



#46

Dibromomethane

Concen: 19.906 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

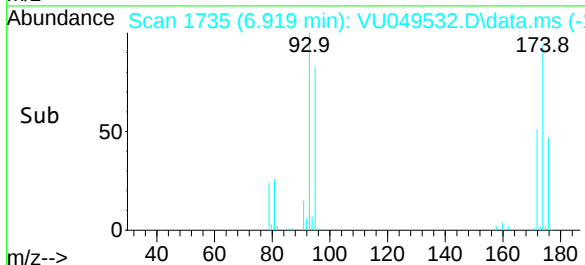
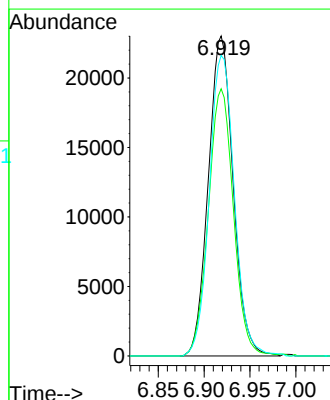
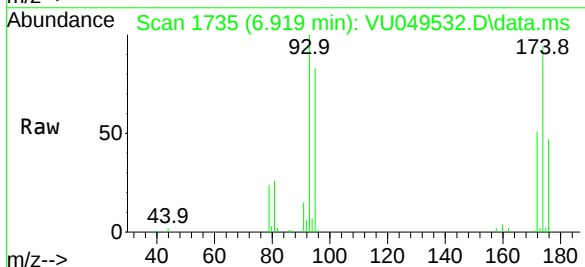
Tgt Ion: 93 Resp: 43459

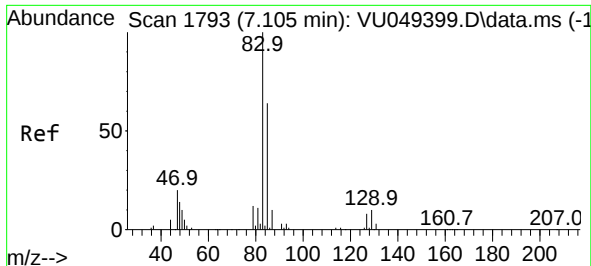
Ion Ratio Lower Upper

93 100

95 84.2 66.3 99.5

174 94.7 88.2 132.4

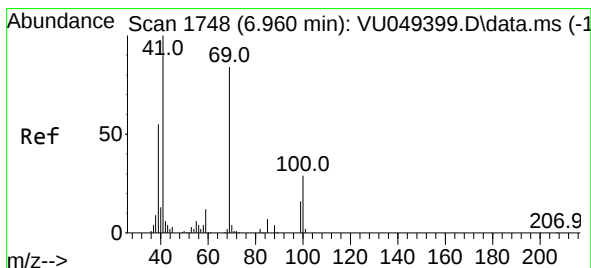
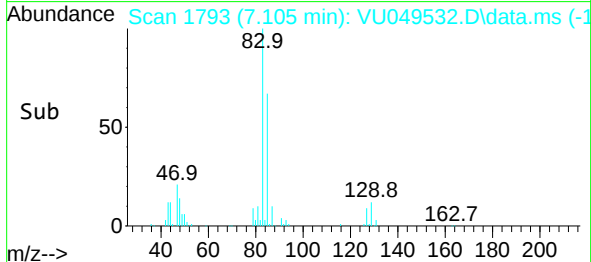
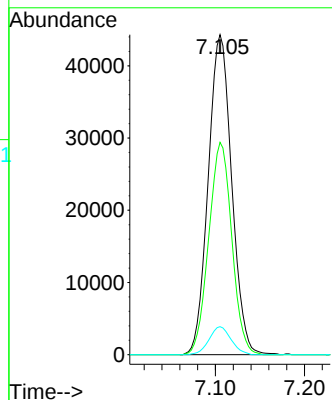
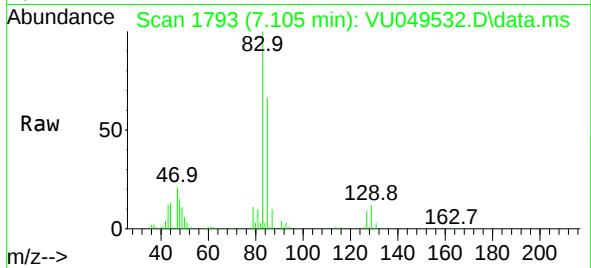




#47  
Bromodichloromethane  
Concen: 19.327 ug/l  
RT: 7.105 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

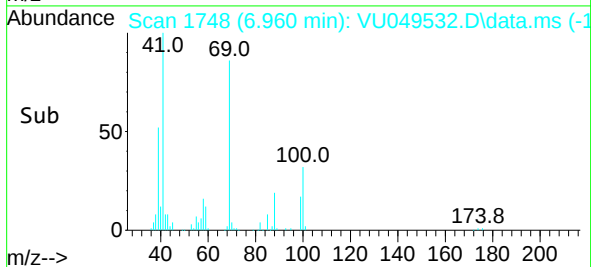
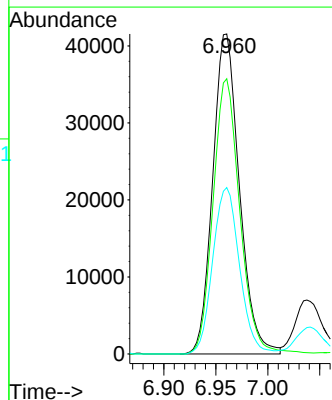
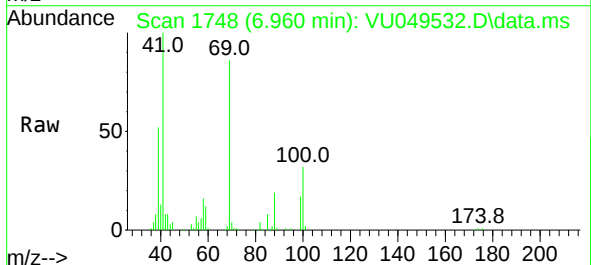
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

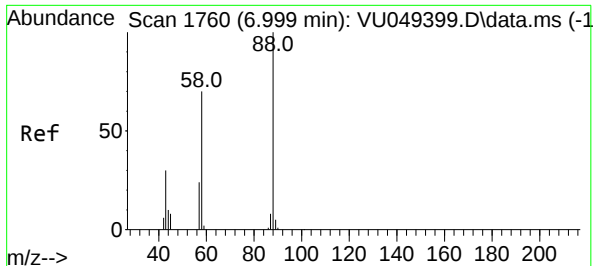
Tgt Ion: 83 Resp: 81214  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.4 77.2  
127 8.8 7.1 10.7



#48  
Methyl methacrylate  
Concen: 20.244 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 41 Resp: 74357  
Ion Ratio Lower Upper  
41 100  
69 86.2 79.8 119.6  
39 52.1 47.9 71.9





#49

1,4-Dioxane

Concen: 476.058 ug/l

RT: 6.980 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

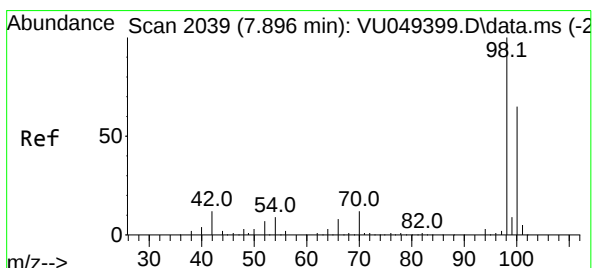
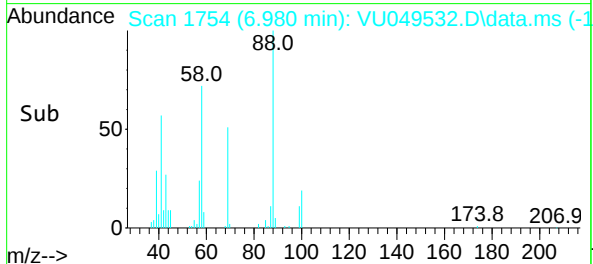
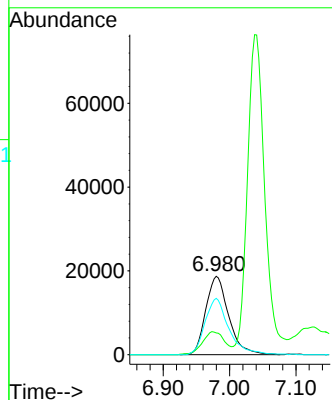
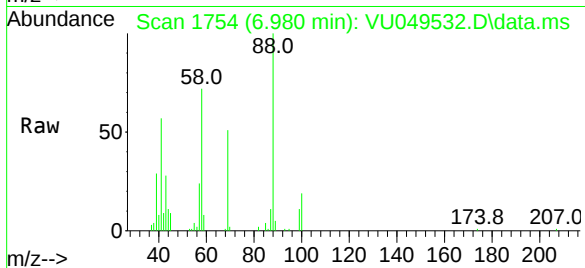
Tgt Ion: 88 Resp: 44797

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 75.2 15.4 23.0#



#50

Toluene-d8

Concen: 49.533 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049532.D

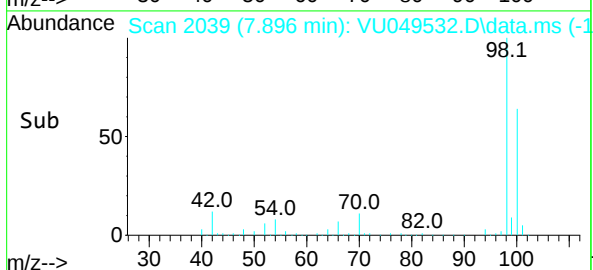
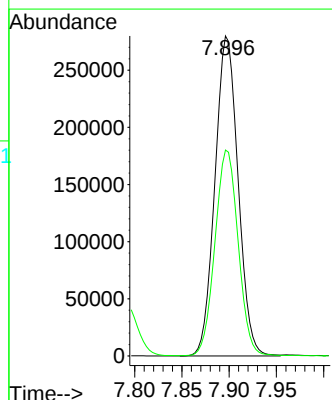
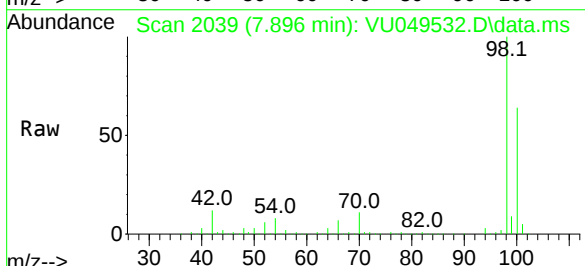
Acq: 29 Jun 2022 23:36

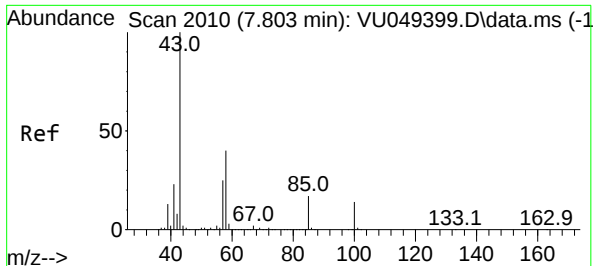
Tgt Ion: 98 Resp: 476932

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 100.546 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

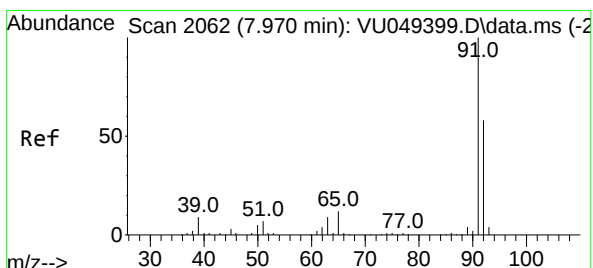
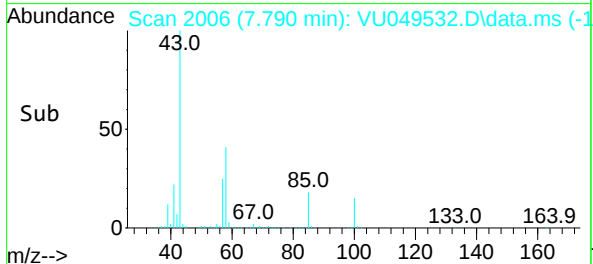
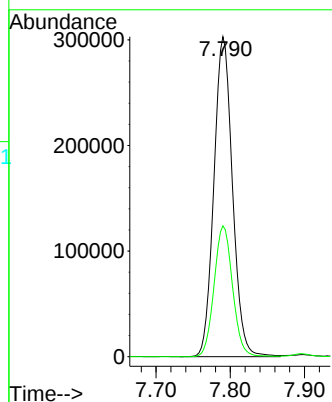
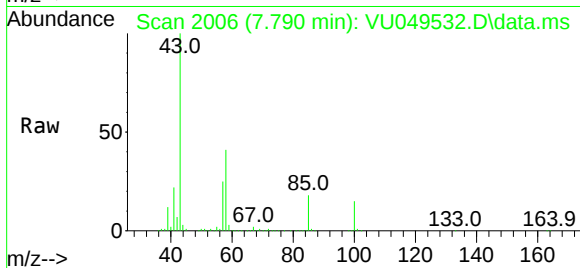
VU0629WBSD02

Tgt Ion: 43 Resp: 527394

Ion Ratio Lower Upper

43 100

58 40.6 34.7 52.1



#52

Toluene

Concen: 20.290 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049532.D

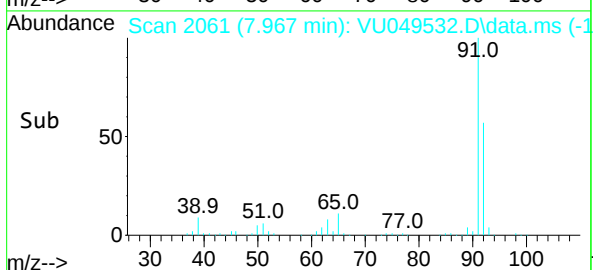
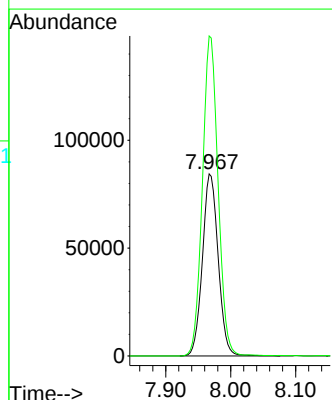
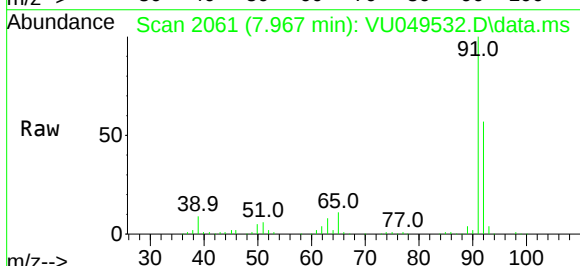
Acq: 29 Jun 2022 23:36

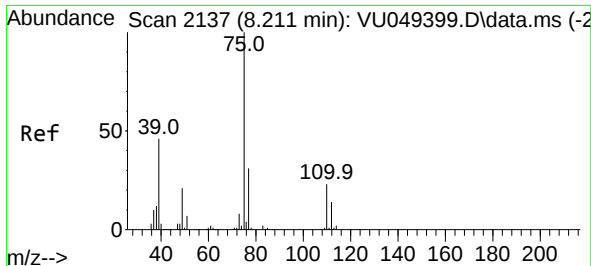
Tgt Ion: 92 Resp: 142520

Ion Ratio Lower Upper

92 100

91 174.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 18.123 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

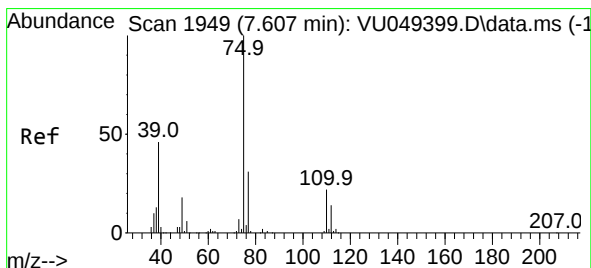
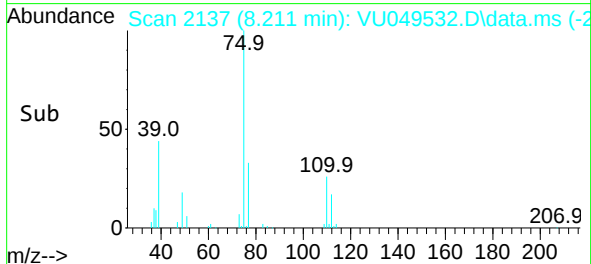
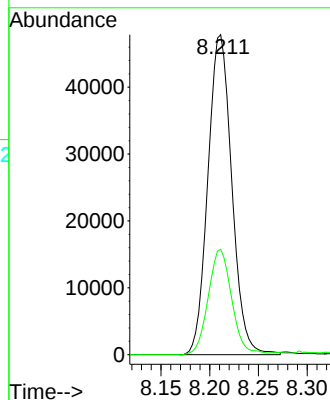
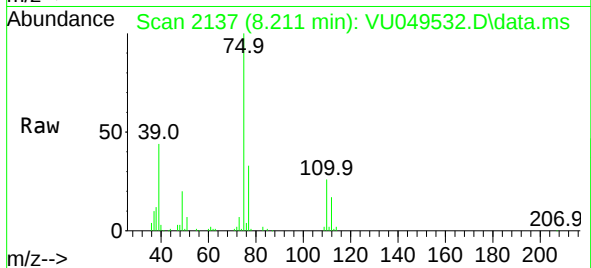
VU0629WBSD02

Tgt Ion: 75 Resp: 81688

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.209 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

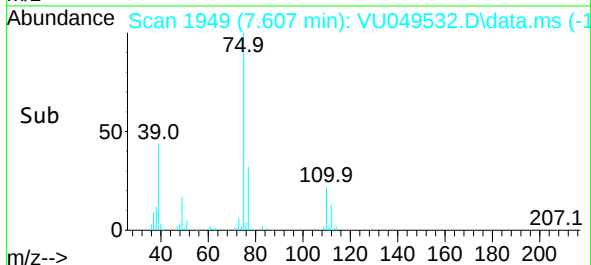
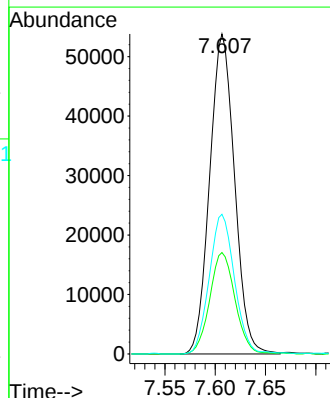
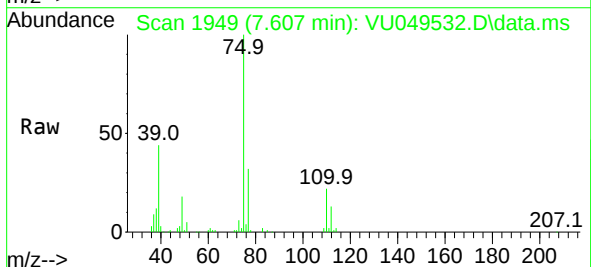
Tgt Ion: 75 Resp: 92449

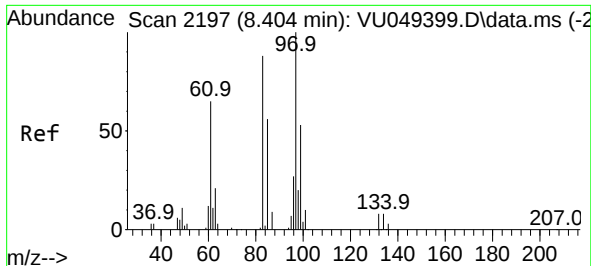
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 43.7 33.0 49.6

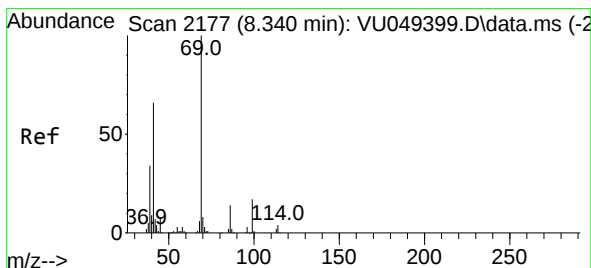
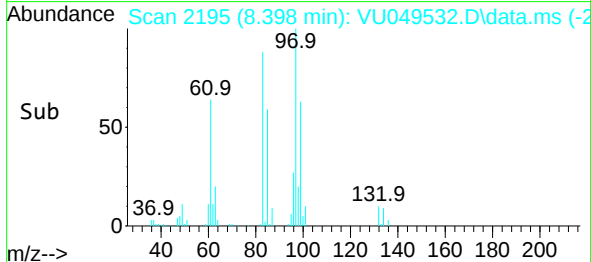
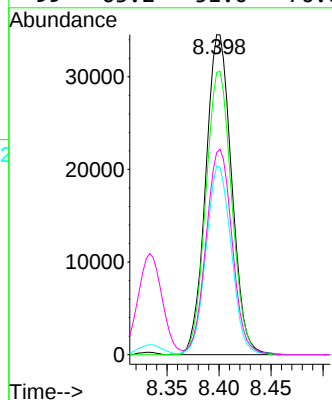
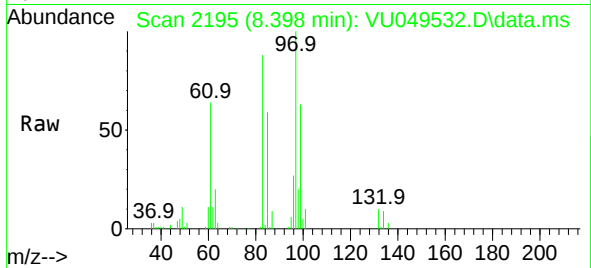




#55  
1,1,2-Trichloroethane  
Concen: 20.639 ug/l  
RT: 8.398 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

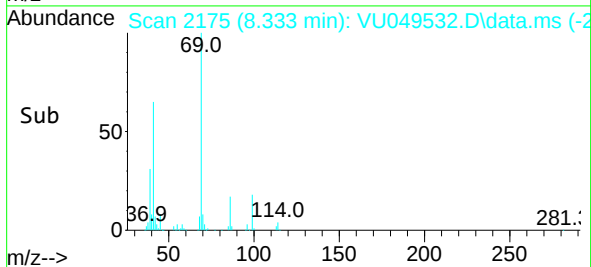
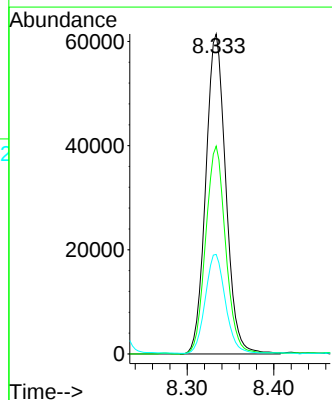
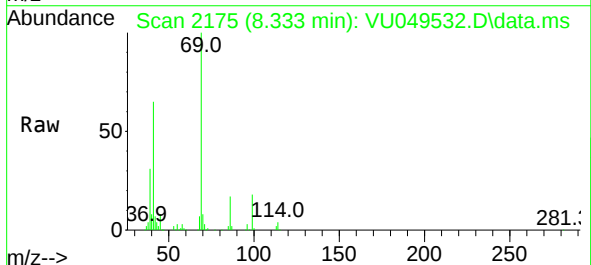
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

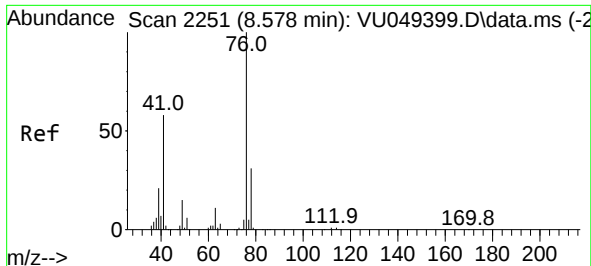
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 59940 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.2     | 70.2 105.4  |
| 85 59.0     | 44.6 66.8   |
| 99 63.2     | 51.0 76.6   |



#56  
Ethyl methacrylate  
Concen: 20.322 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 98713 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.9     | 45.4 68.0   |
| 39 31.1     | 25.7 38.5   |





#57

1,3-Dichloropropane

Concen: 20.077 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

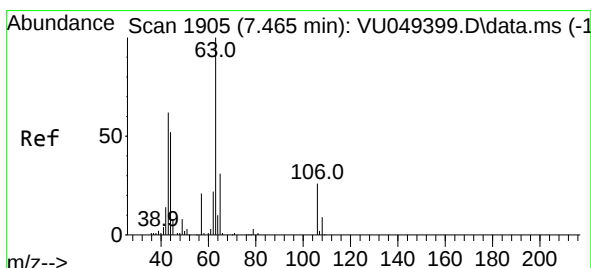
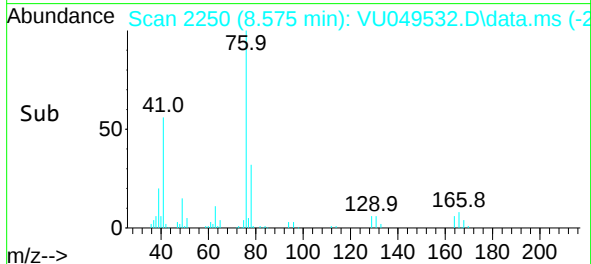
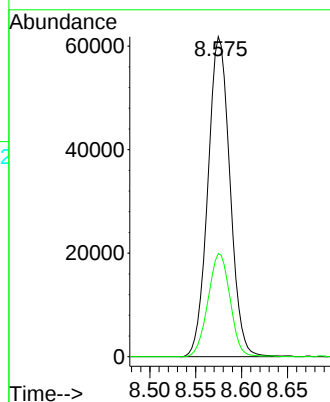
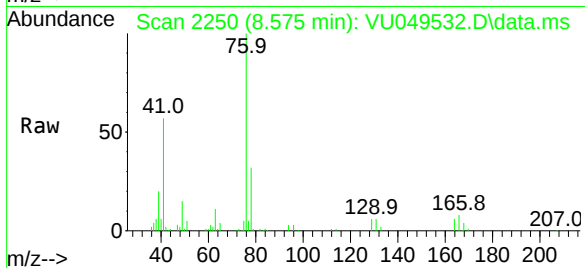
VU0629WBSD02

Tgt Ion: 76 Resp: 103434

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 124.656 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049532.D

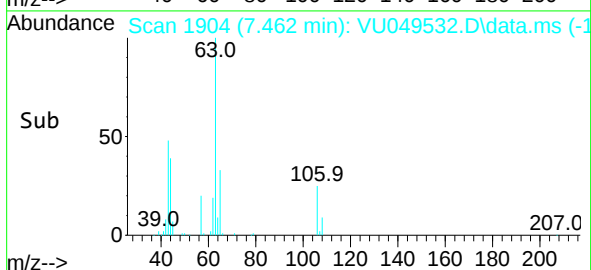
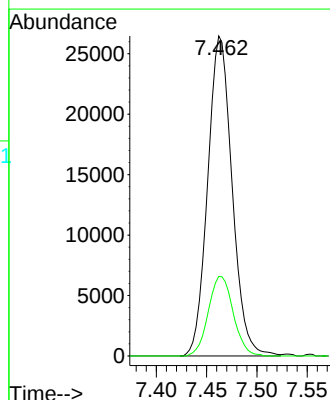
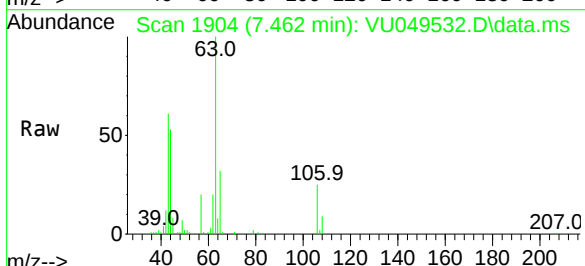
Acq: 29 Jun 2022 23:36

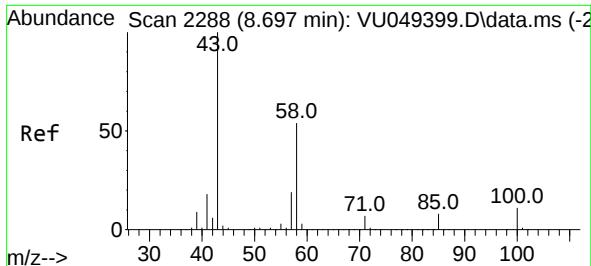
Tgt Ion: 63 Resp: 44716

Ion Ratio Lower Upper

63 100

106 25.3 23.1 34.7

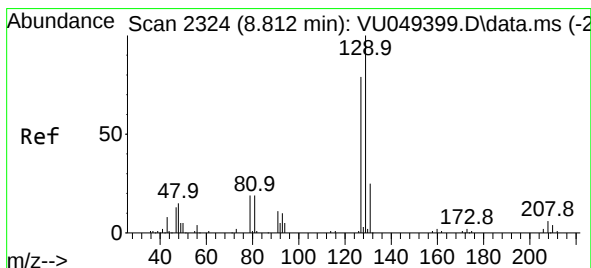
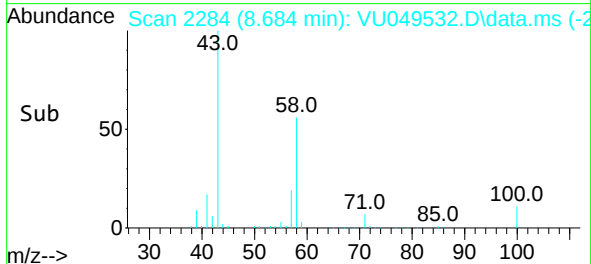
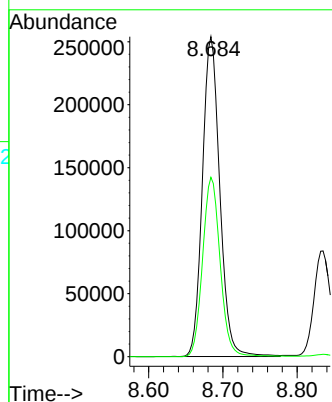
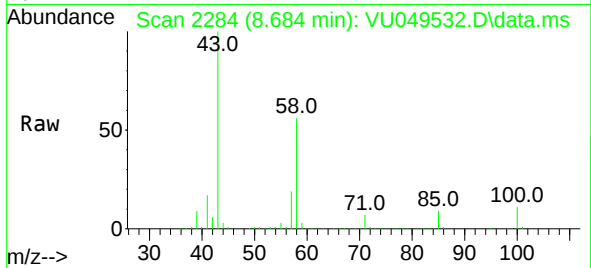




#59  
2-Hexanone  
Concen: 100.246 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

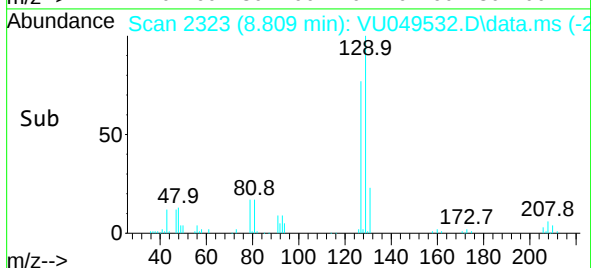
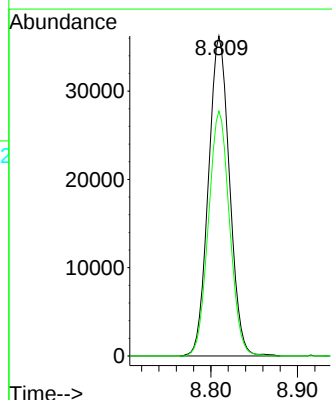
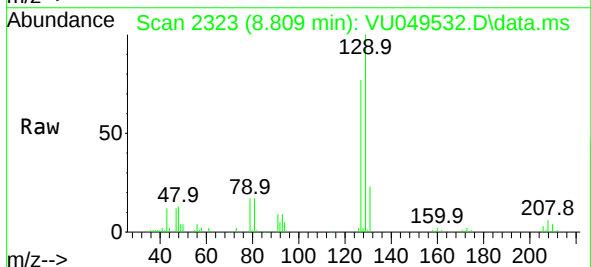
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

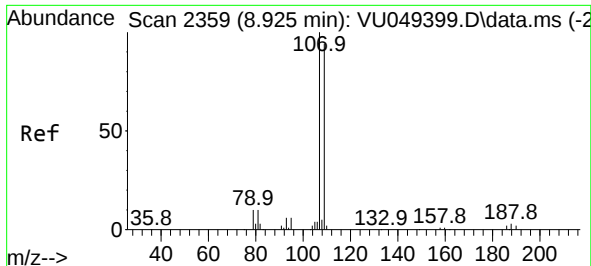
Tgt Ion: 43 Resp: 413496  
Ion Ratio Lower Upper  
43 100  
58 56.3 30.3 90.8



#60  
Dibromochloromethane  
Concen: 20.304 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 129 Resp: 61319  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 116.0

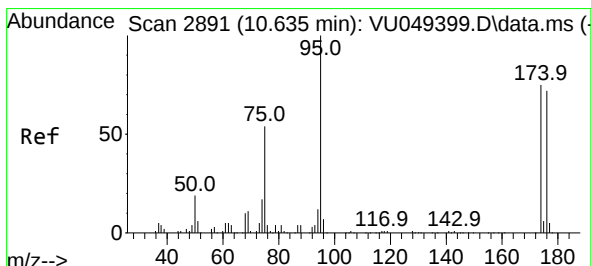
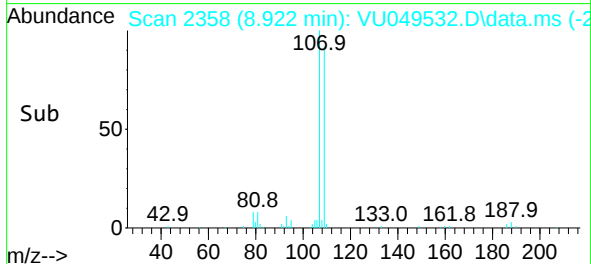
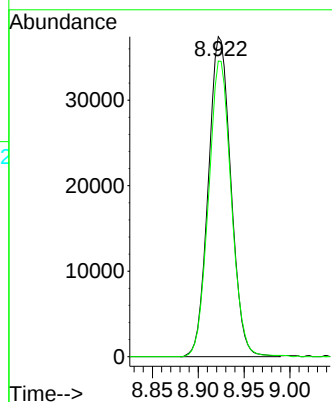
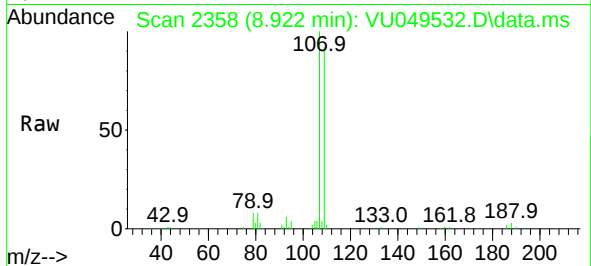




#61  
1,2-Dibromoethane  
Concen: 20.241 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

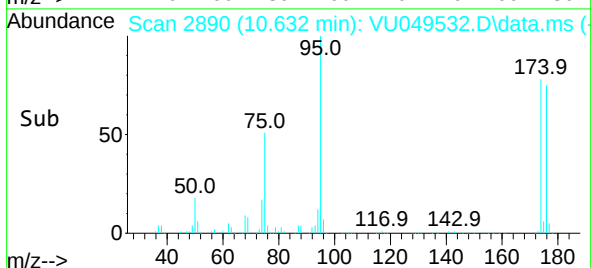
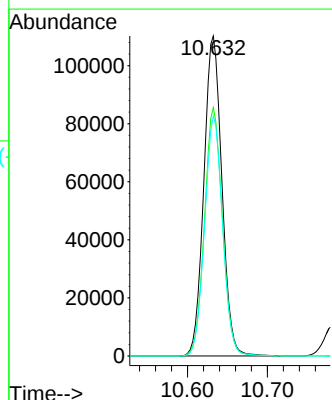
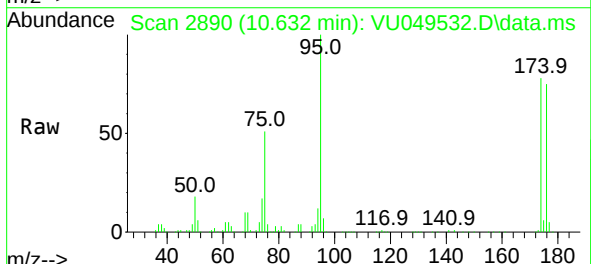
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

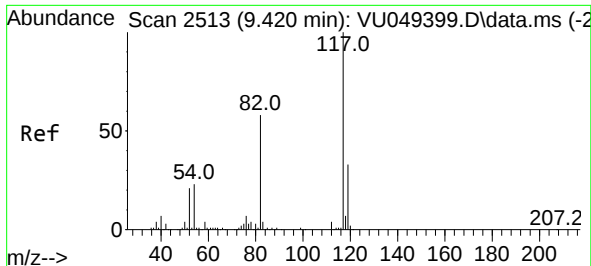
Tgt Ion:107 Resp: 64059  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 46.964 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 95 Resp: 173224  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 182.0  
176 74.7 0.0 177.8

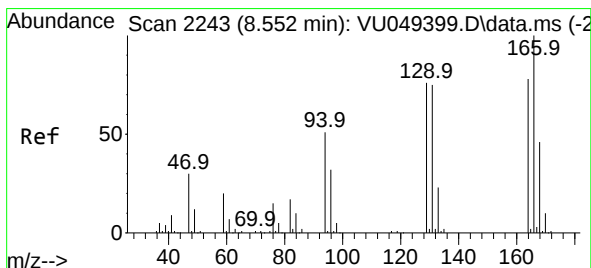
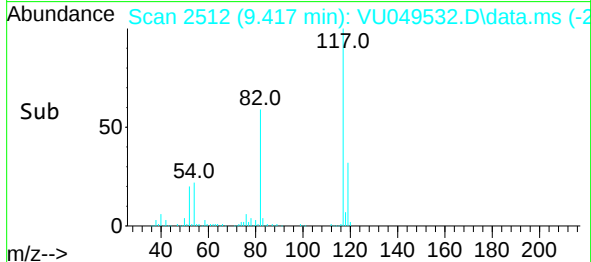
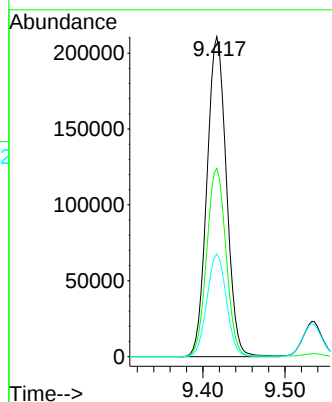
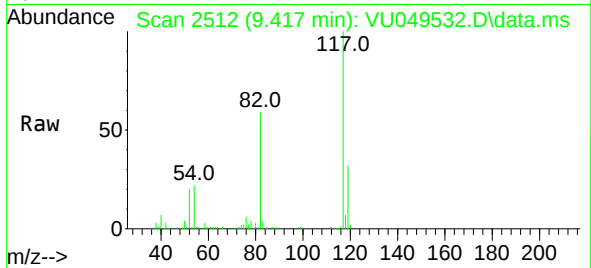




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

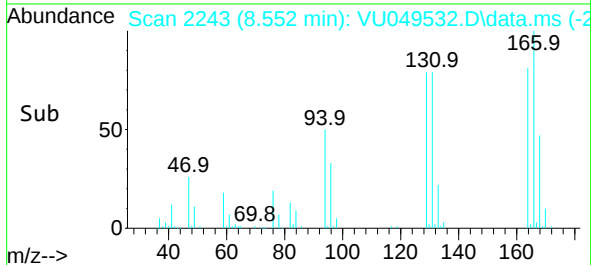
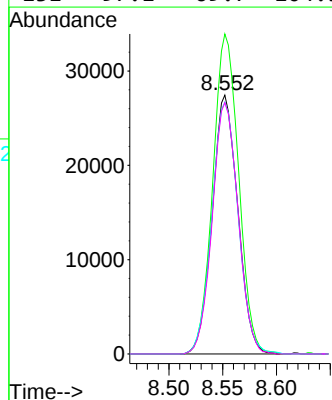
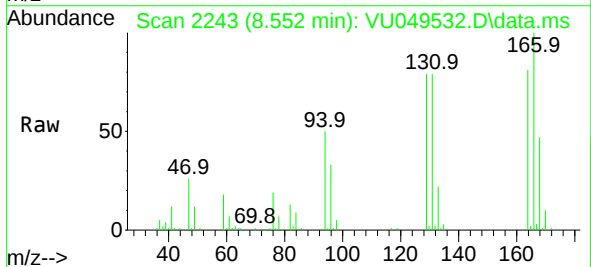
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

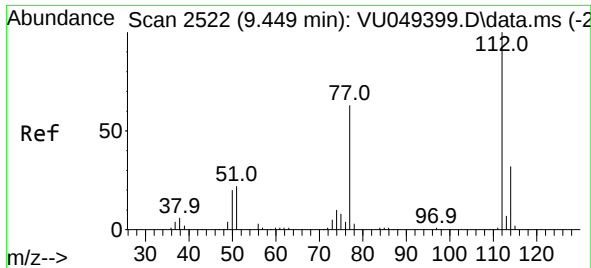
Tgt Ion:117 Resp: 347927  
Ion Ratio Lower Upper  
117 100  
82 58.8 41.7 62.5  
119 32.1 25.7 38.5



#64  
Tetrachloroethene  
Concen: 20.372 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:164 Resp: 45462  
Ion Ratio Lower Upper  
164 100  
166 123.6 100.0 150.0  
129 97.3 72.0 108.0  
131 97.1 69.7 104.5

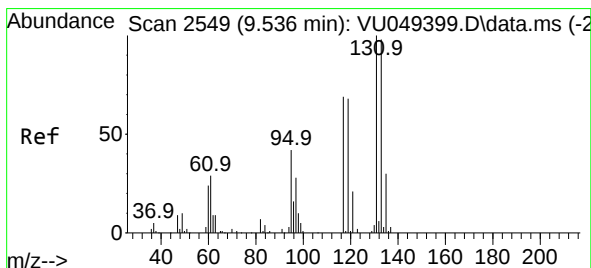
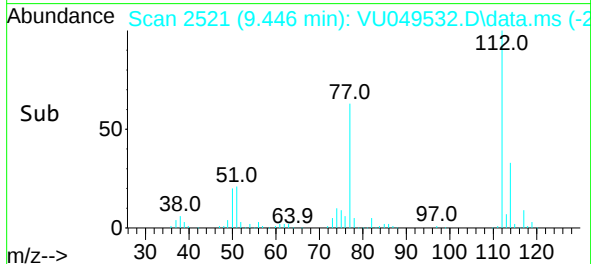
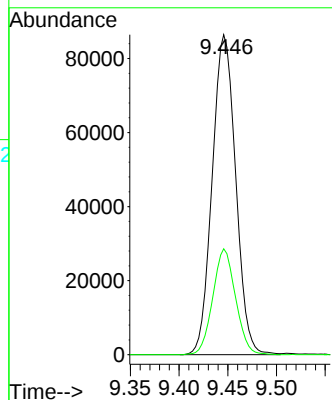
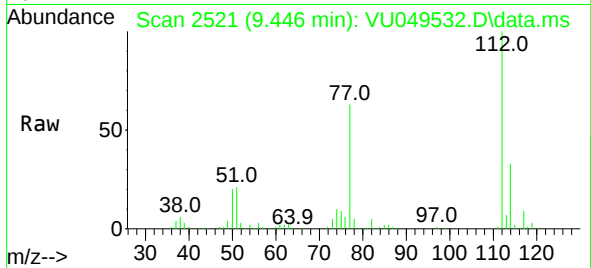




#65  
Chlorobenzene  
Concen: 20.371 ug/l  
RT: 9.446 min Scan# 2522  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

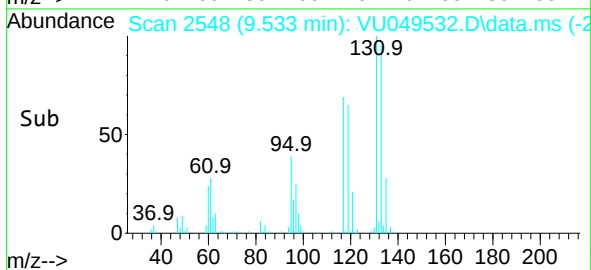
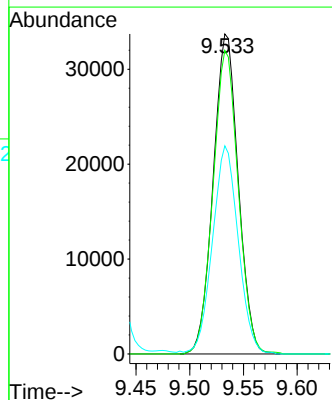
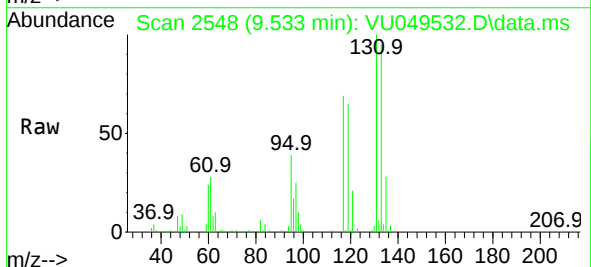
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

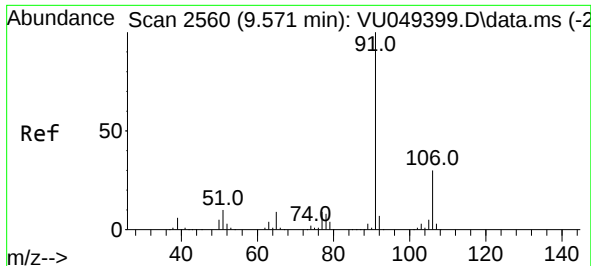
Tgt Ion:112 Resp: 144898  
Ion Ratio Lower Upper  
112 100  
114 33.1 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.324 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:131 Resp: 54534  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.4 145.0  
119 67.1 33.9 101.6





#67

Ethyl Benzene

Concen: 20.321 ug/l

RT: 9.568 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

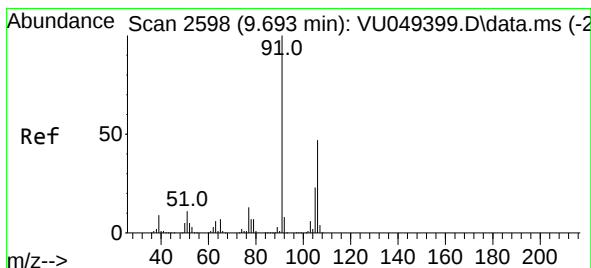
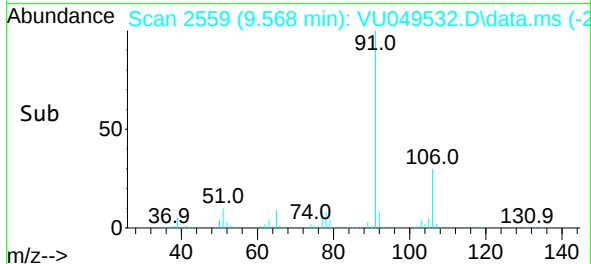
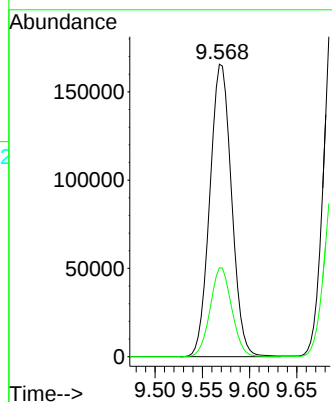
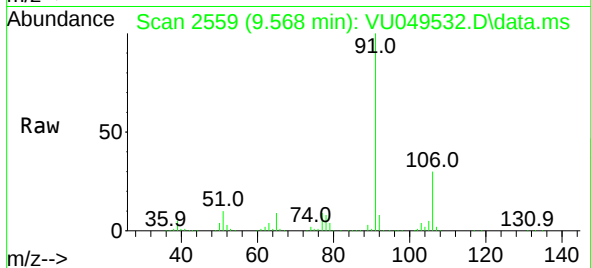
VU0629WBSD02

Tgt Ion: 91 Resp: 265356

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 41.352 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049532.D

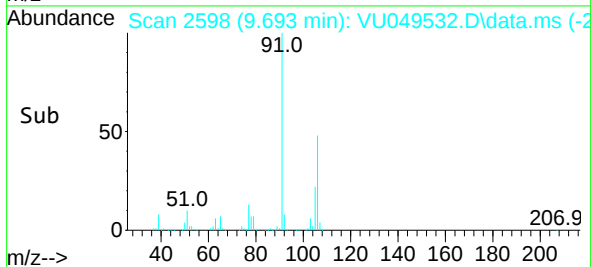
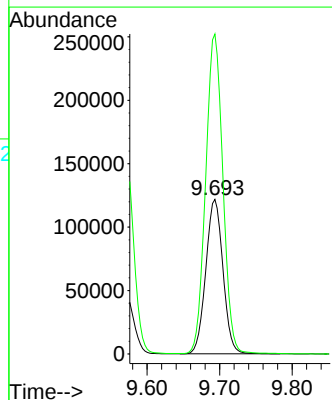
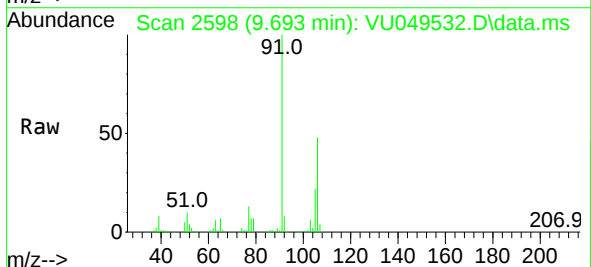
Acq: 29 Jun 2022 23:36

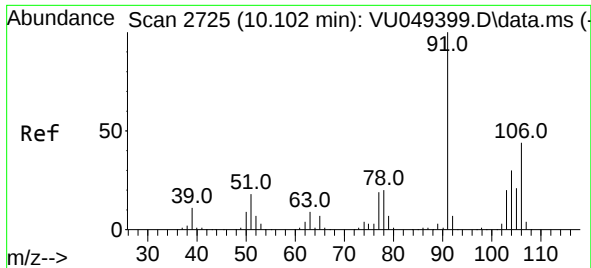
Tgt Ion:106 Resp: 199796

Ion Ratio Lower Upper

106 100

91 208.7 157.2 235.8

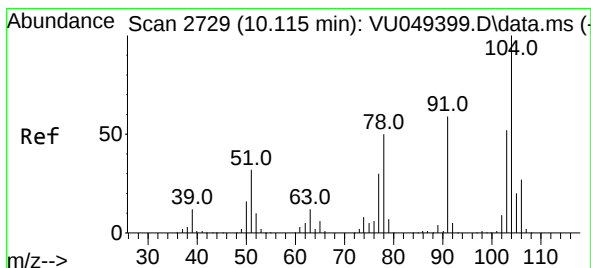
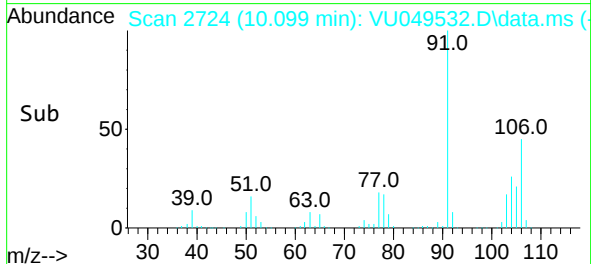
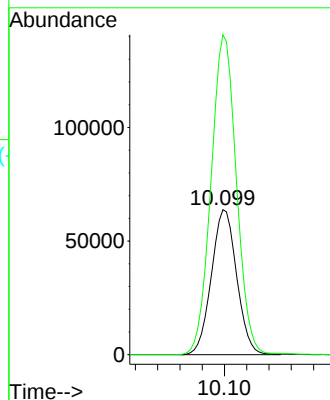
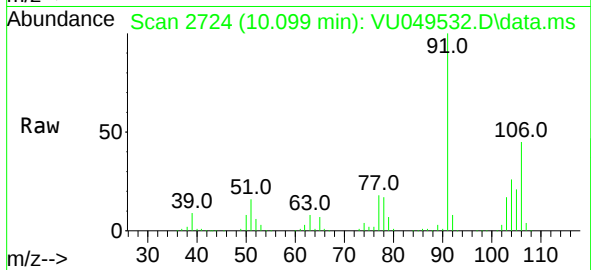




#69  
o-Xylene  
Concen: 20.986 ug/l  
RT: 10.099 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

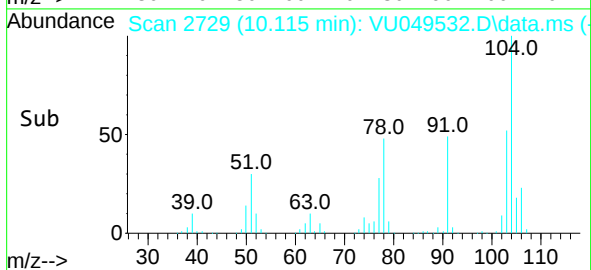
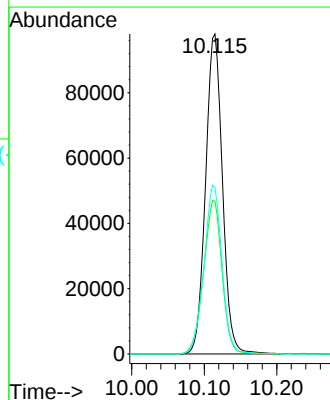
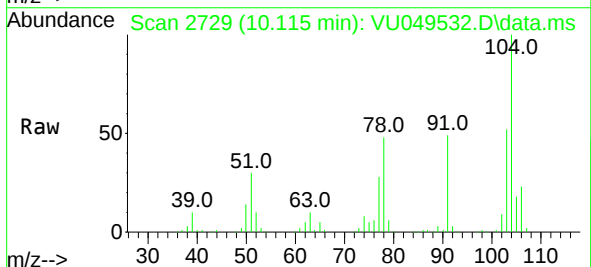
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

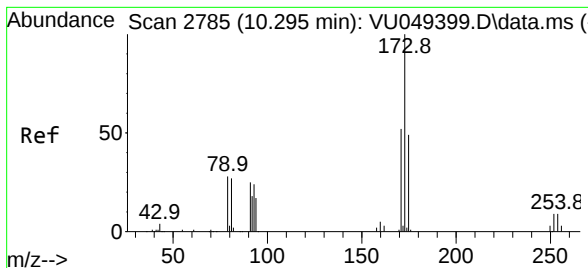
Tgt Ion:106 Resp: 100660  
Ion Ratio Lower Upper  
106 100  
91 221.6 103.5 310.5



#70  
Styrene  
Concen: 20.590 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:104 Resp: 158685  
Ion Ratio Lower Upper  
104 100  
78 52.6 38.0 57.0  
103 55.9 43.9 65.9





#71

Bromoform

Concen: 19.128 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

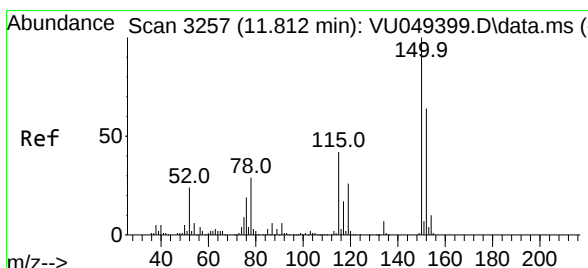
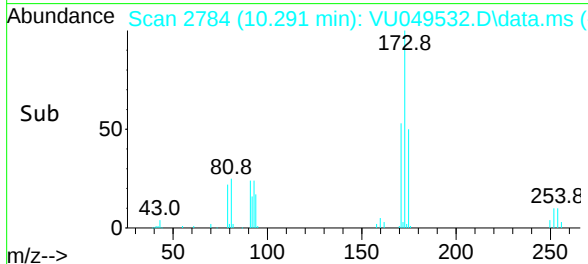
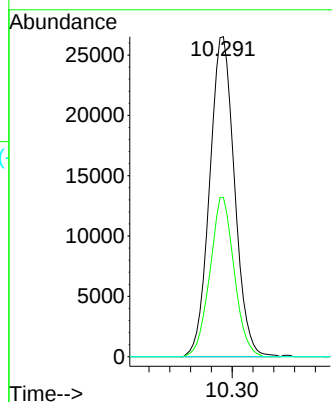
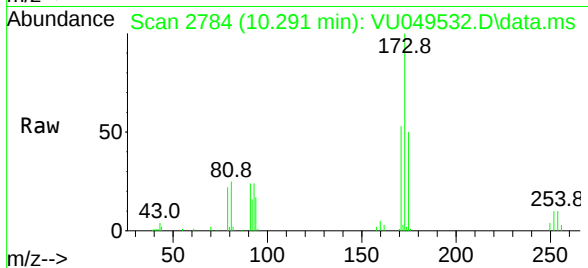
Tgt Ion:173 Resp: 44021

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

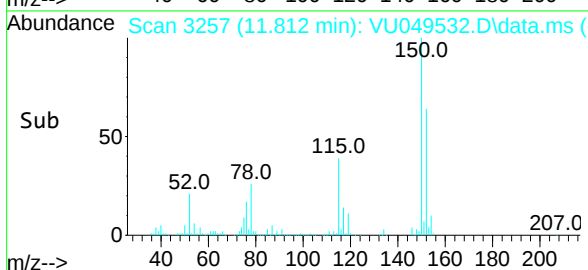
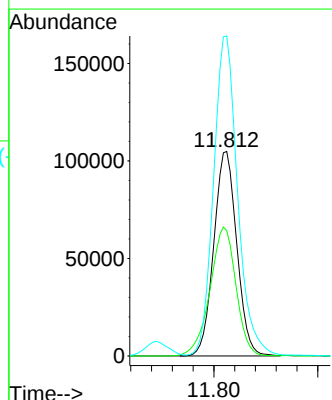
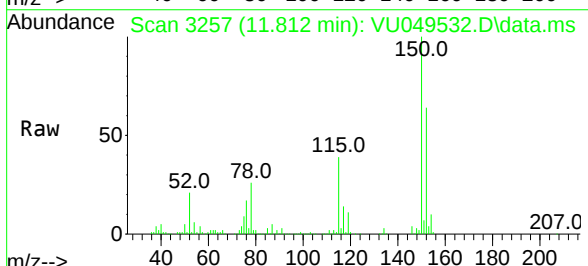
Tgt Ion:152 Resp: 161394

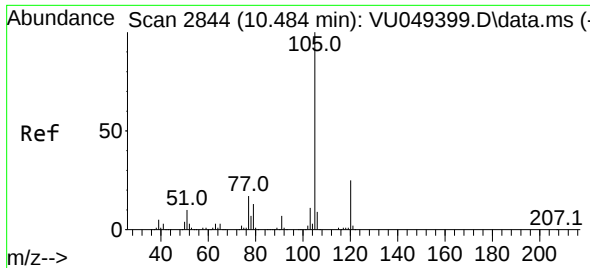
Ion Ratio Lower Upper

152 100

115 71.1 37.0 110.9

150 164.2 0.0 342.2

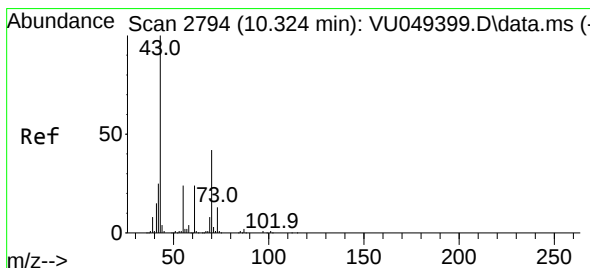
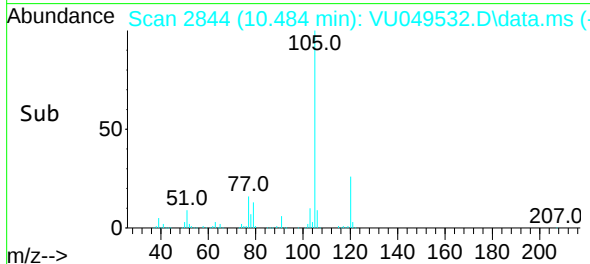
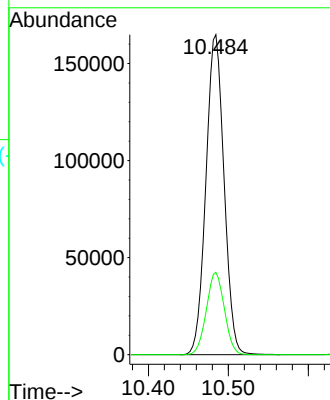
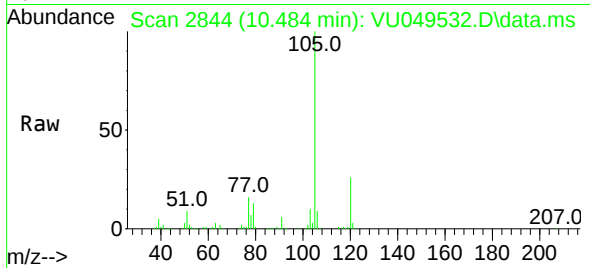




#73  
Isopropylbenzene  
Concen: 22.577 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

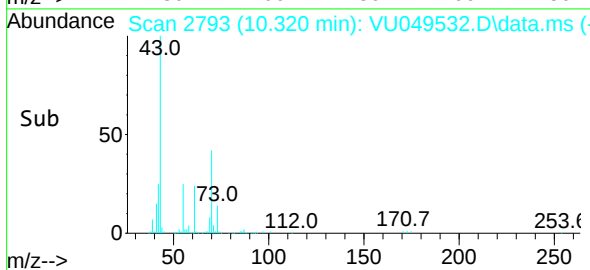
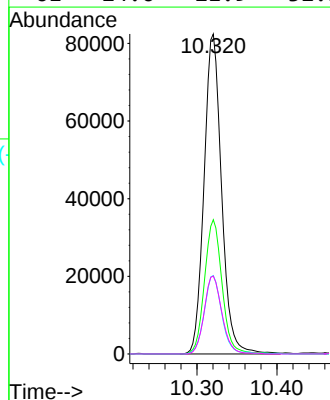
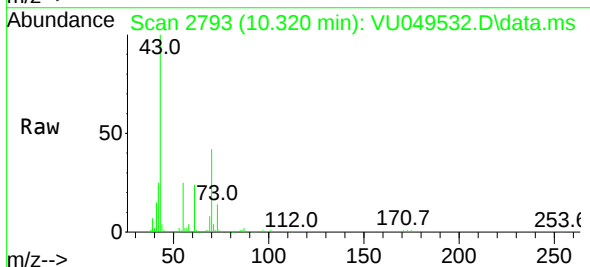
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

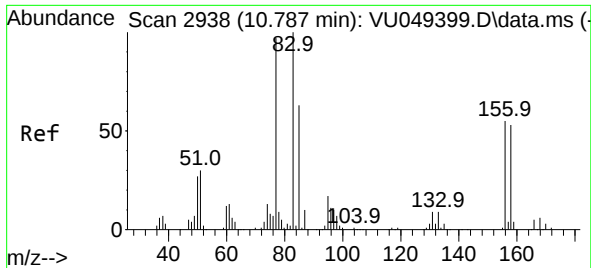
Tgt Ion:105 Resp: 259571  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.8 41.4



#74  
N-ethyl acetate  
Concen: 20.703 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 43 Resp: 125978  
Ion Ratio Lower Upper  
43 100  
70 42.1 38.7 58.1  
55 24.5 21.8 32.8  
61 24.6 21.9 32.9

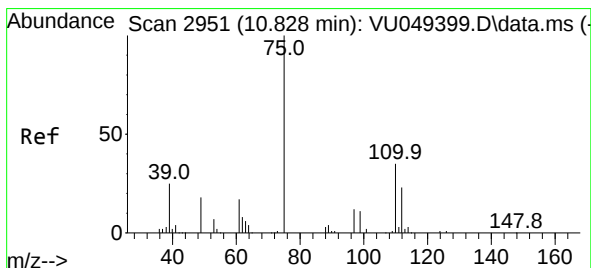
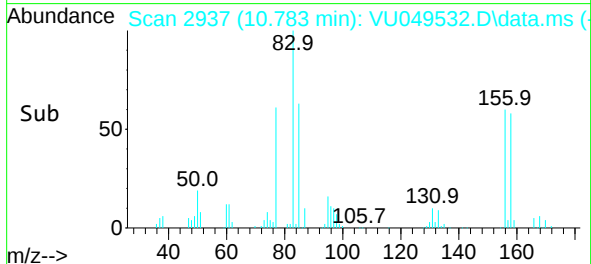
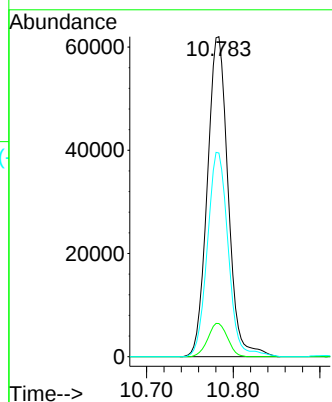
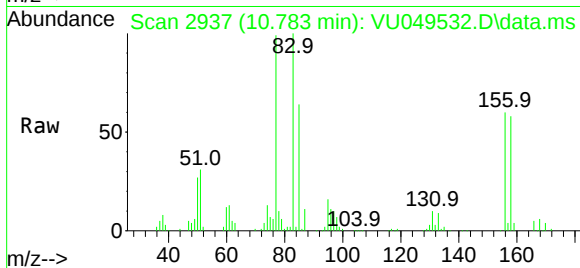




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.168 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

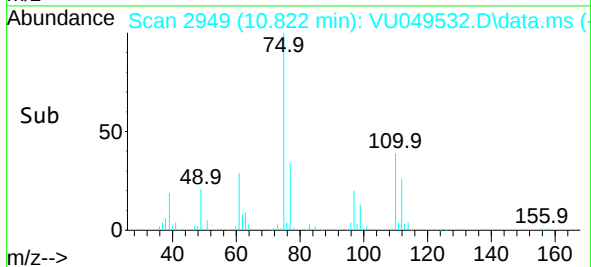
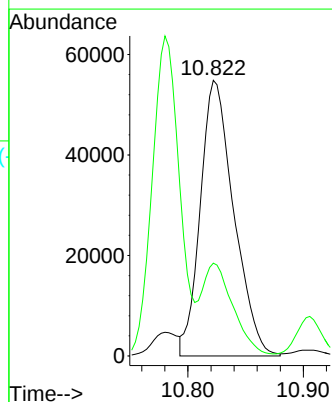
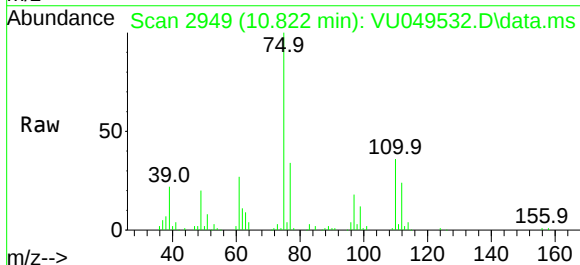
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

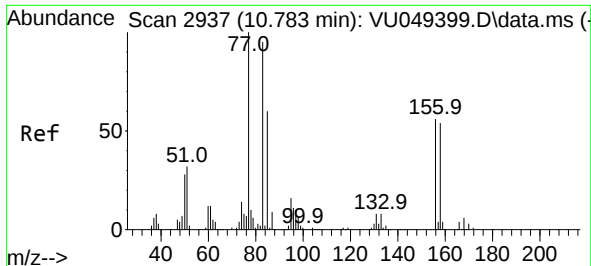
Tgt Ion: 83 Resp: 103090  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.1 15.4  
85 64.2 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 20.175 ug/l  
RT: 10.822 min Scan# 2949  
Delta R.T. -0.006 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 75 Resp: 110382  
Ion Ratio Lower Upper  
75 100  
77 29.8 15.8 47.3

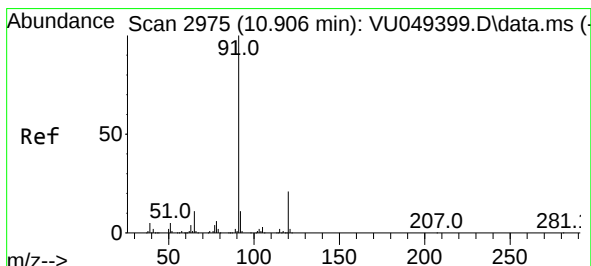
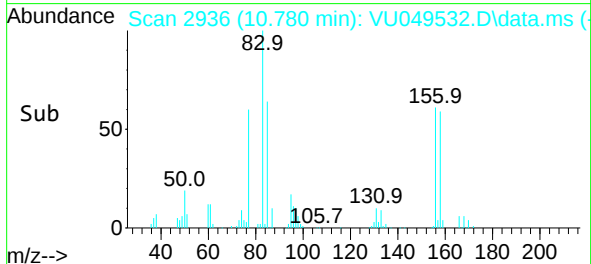
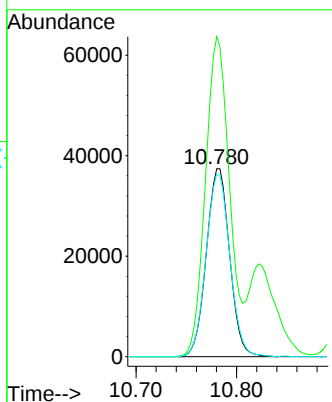
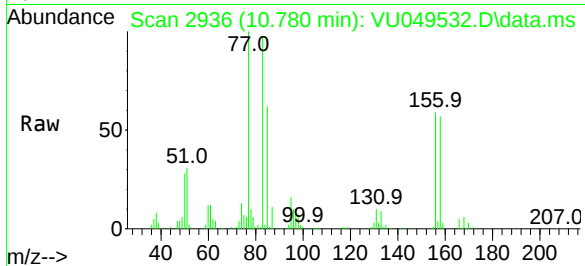




#77  
Bromobenzene  
Concen: 21.420 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

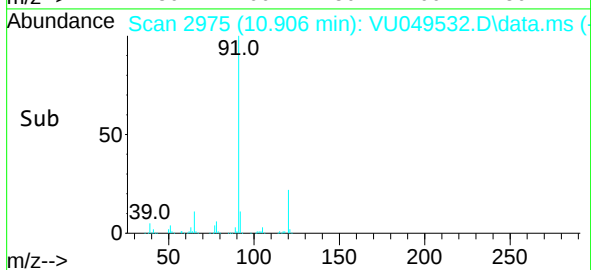
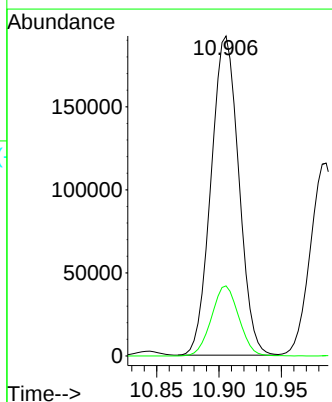
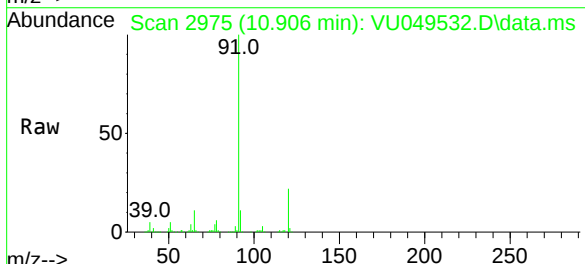
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

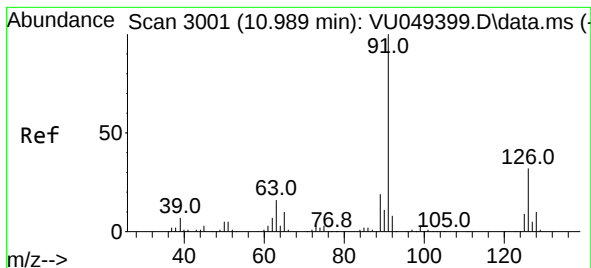
Tgt Ion:156 Resp: 60113  
Ion Ratio Lower Upper  
156 100  
77 174.5 71.9 215.6  
158 99.7 48.9 146.8



#78  
n-propylbenzene  
Concen: 21.339 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 91 Resp: 298115  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.251 ug/l

RT: 10.986 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

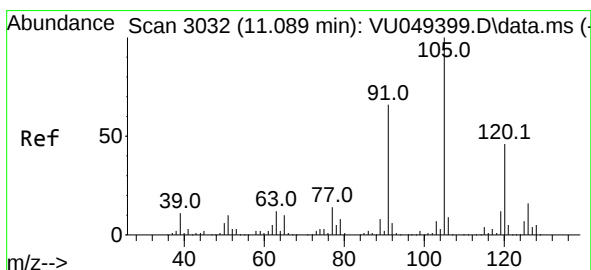
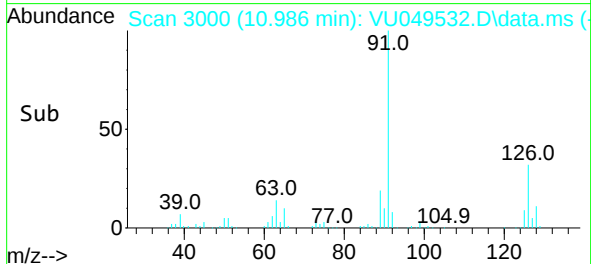
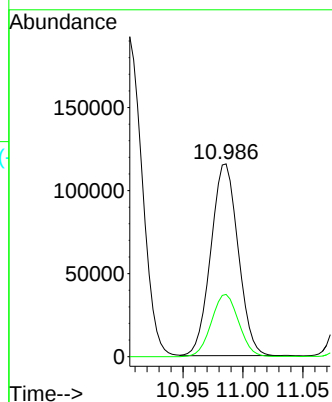
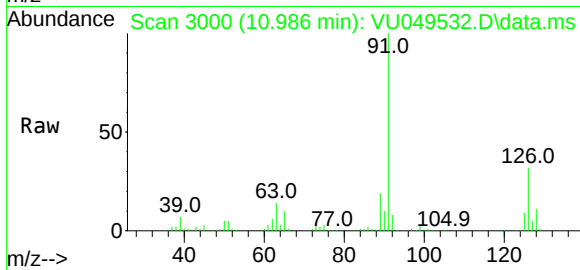
VU0629WBSD02

Tgt Ion: 91 Resp: 182906

Ion Ratio Lower Upper

91 100

126 32.6 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 21.695 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU049532.D

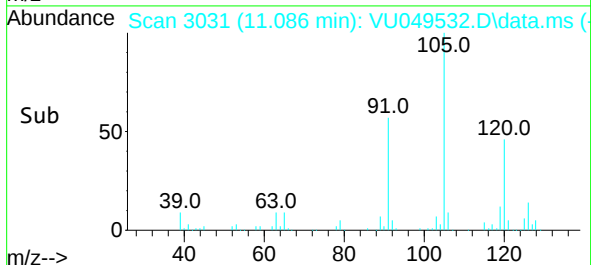
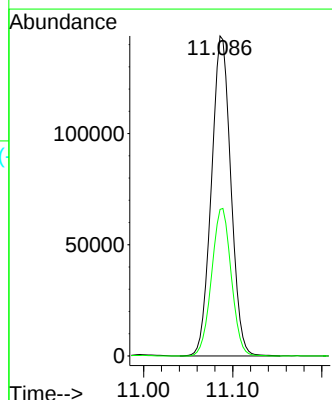
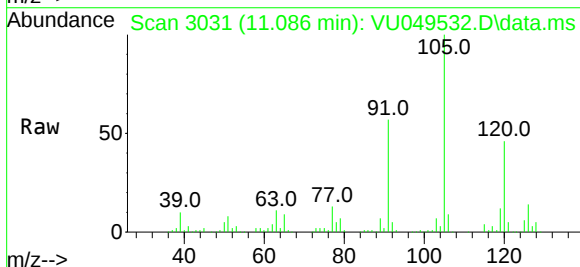
Acq: 29 Jun 2022 23:36

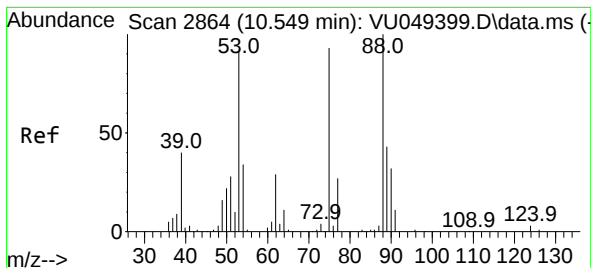
Tgt Ion:105 Resp: 217757

Ion Ratio Lower Upper

105 100

120 46.7 25.3 75.9

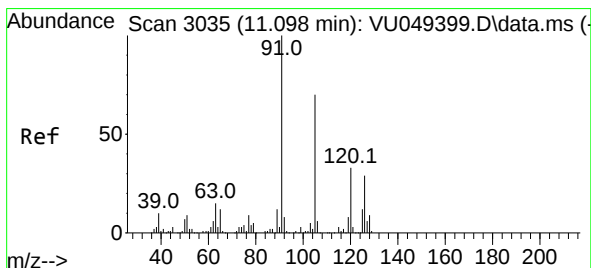
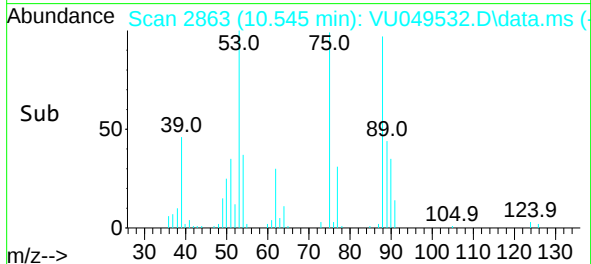
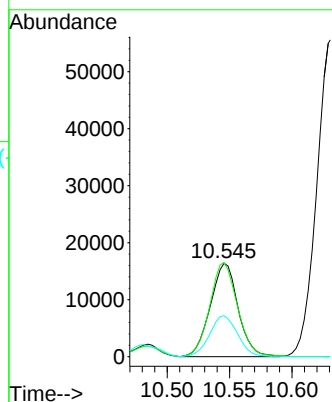
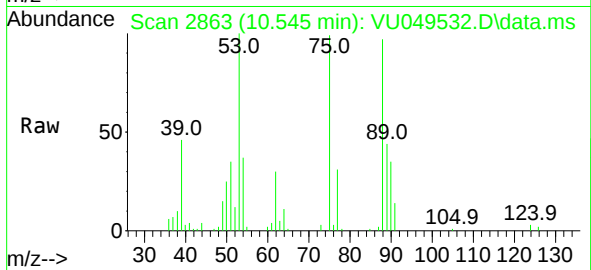




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.136 ug/l  
RT: 10.545 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

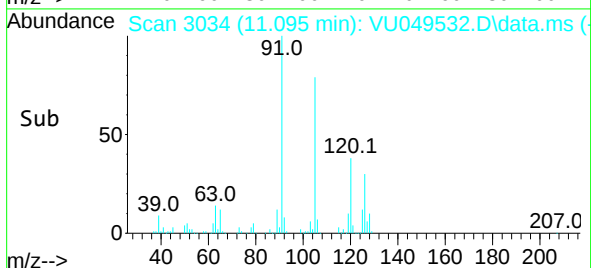
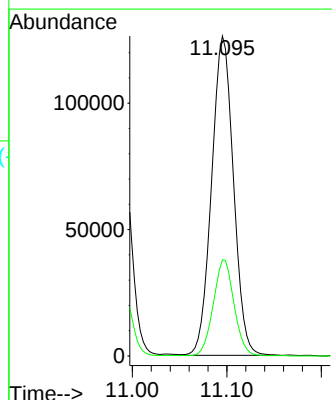
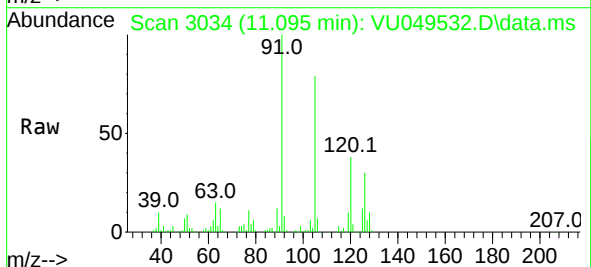
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

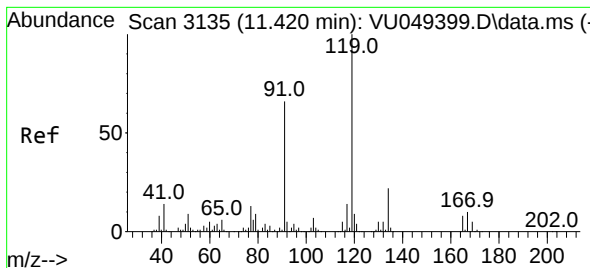
Tgt Ion: 75 Resp: 25388  
Ion Ratio Lower Upper  
75 100  
53 101.0 69.2 103.8  
89 44.2 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 20.908 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 91 Resp: 202397  
Ion Ratio Lower Upper  
91 100  
126 28.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 21.878 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

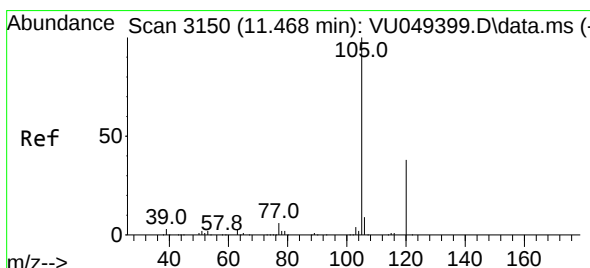
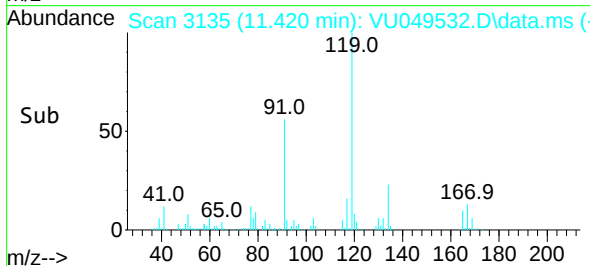
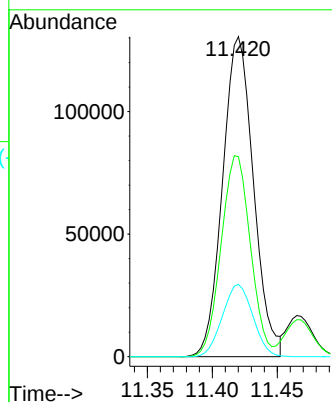
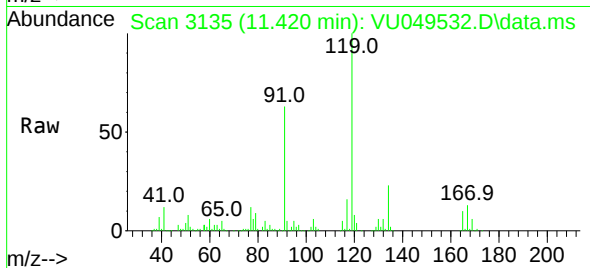
Tgt Ion:119 Resp: 215990

Ion Ratio Lower Upper

119 100

91 59.6 26.8 80.3

134 22.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 21.972 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049532.D

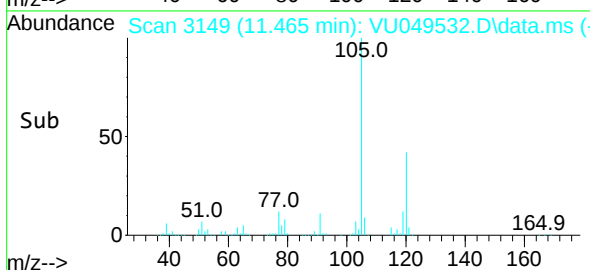
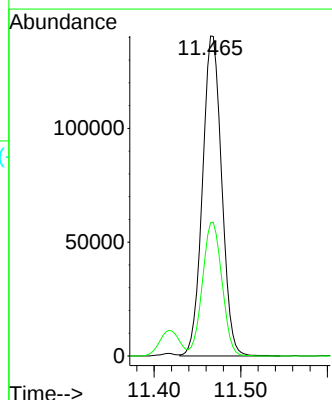
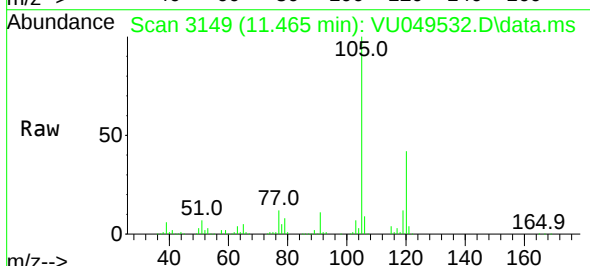
Acq: 29 Jun 2022 23:36

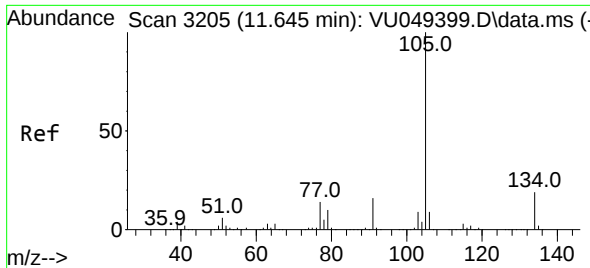
Tgt Ion:105 Resp: 216651

Ion Ratio Lower Upper

105 100

120 42.4 23.4 70.3

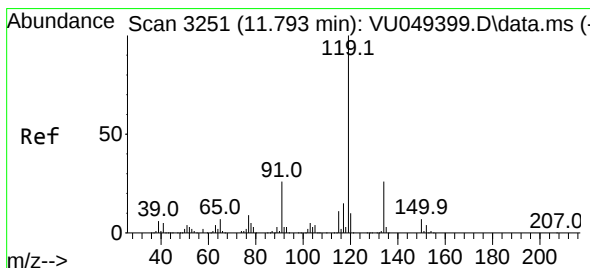
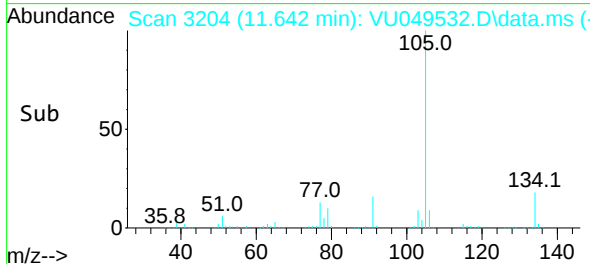
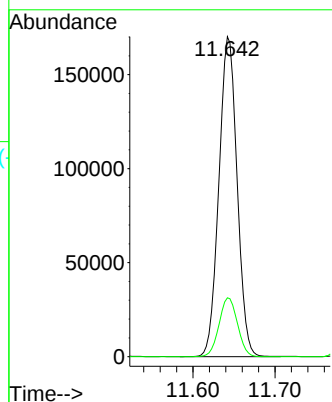
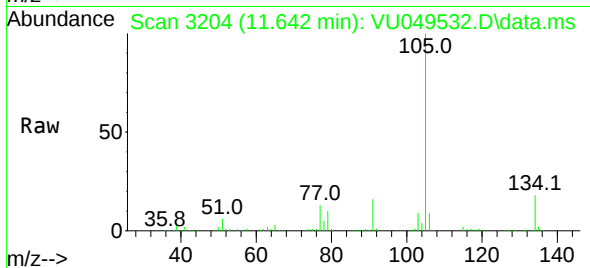




#85  
 sec-Butylbenzene  
 Concen: 21.158 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

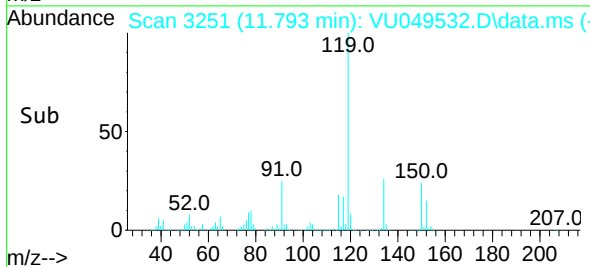
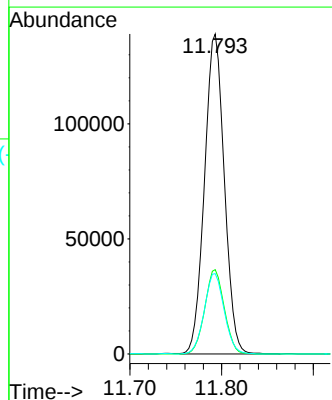
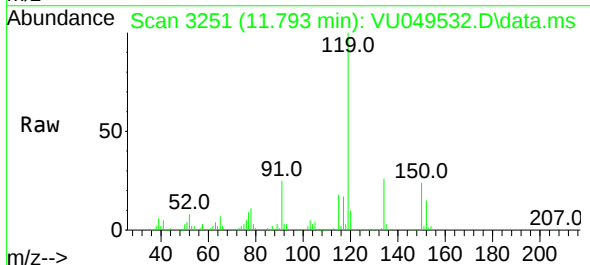
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBSD02

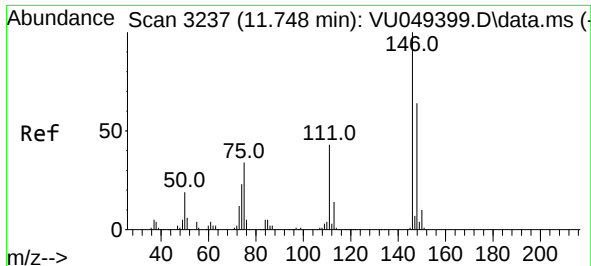
Tgt Ion:105 Resp: 262614  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.802 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU049532.D  
 Acq: 29 Jun 2022 23:36

Tgt Ion:119 Resp: 208800  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.5 40.4  
 91 25.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.560 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

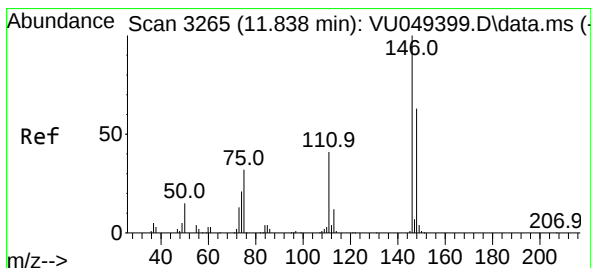
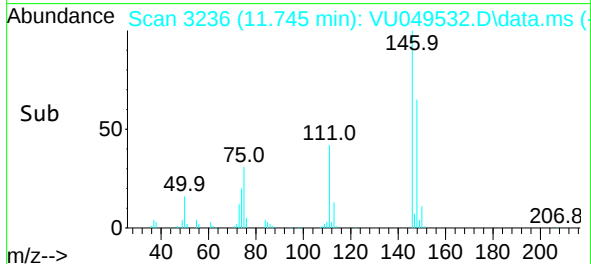
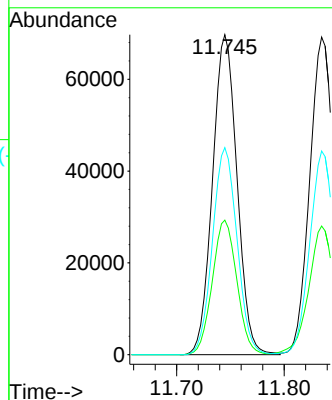
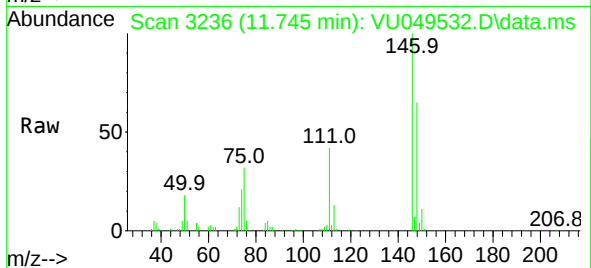
Tgt Ion:146 Resp: 110307

Ion Ratio Lower Upper

146 100

111 42.2 18.9 56.5

148 65.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.423 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

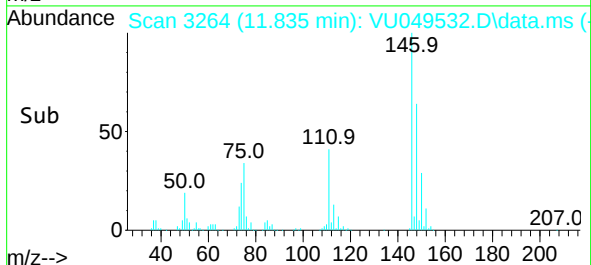
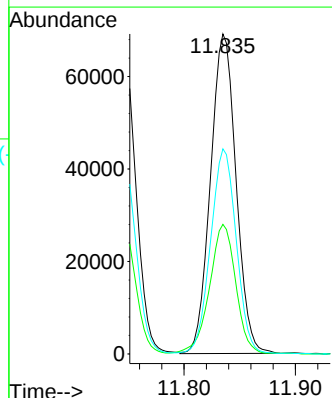
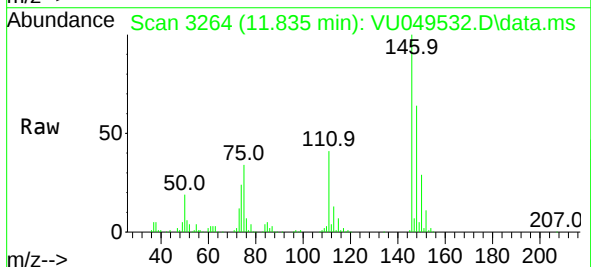
Tgt Ion:146 Resp: 110134

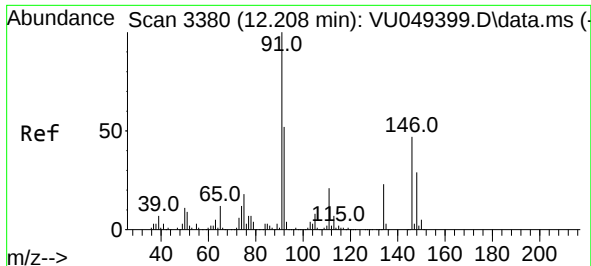
Ion Ratio Lower Upper

146 100

111 41.9 18.5 55.5

148 64.3 31.9 95.7

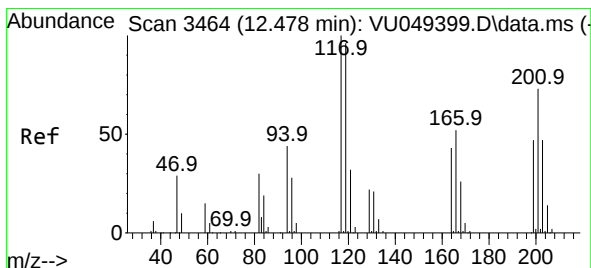
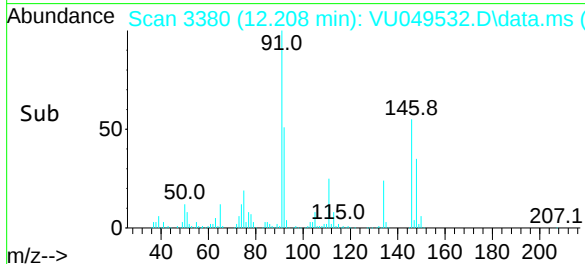
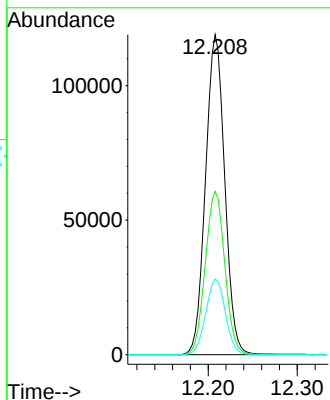
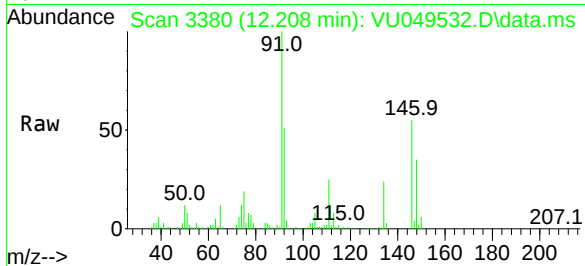




#89  
n-Butylbenzene  
Concen: 19.121 ug/l  
RT: 12.208 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

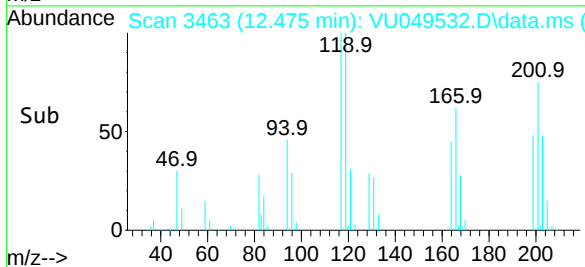
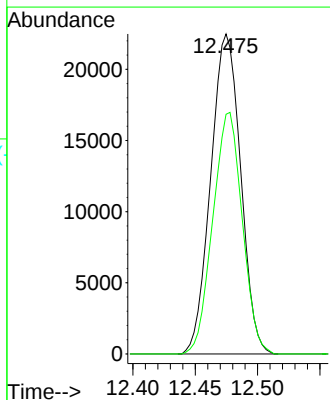
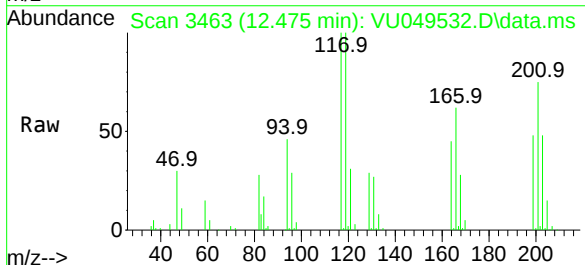
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

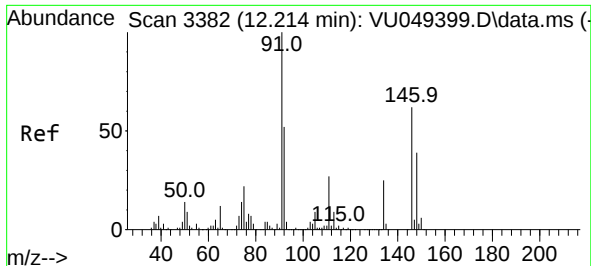
Tgt Ion: 91 Resp: 177668  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.2 78.6  
134 24.2 13.5 40.4



#90  
Hexachloroethane  
Concen: 18.823 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion: 117 Resp: 37632  
Ion Ratio Lower Upper  
117 100  
201 74.2 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 21.122 ug/l

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02

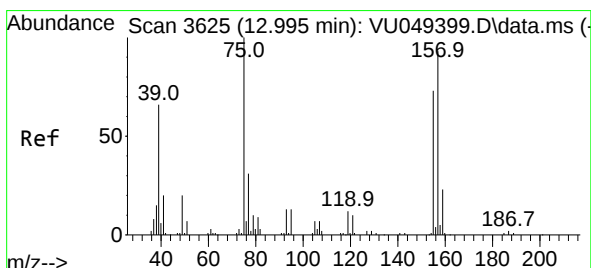
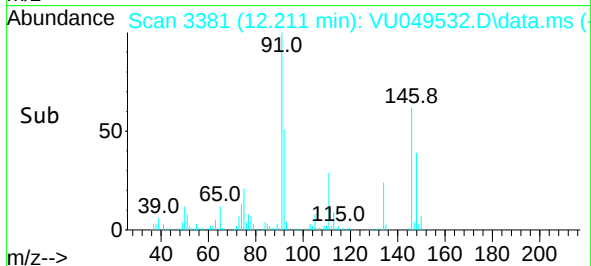
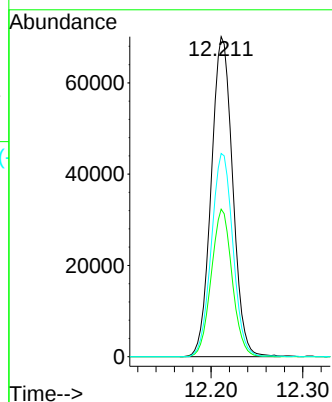
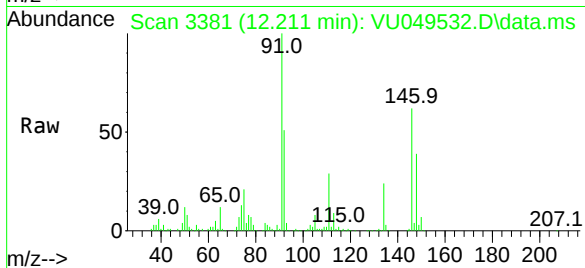
Tgt Ion:146 Resp: 113865

Ion Ratio Lower Upper

146 100

111 44.9 19.9 59.6

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.942 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

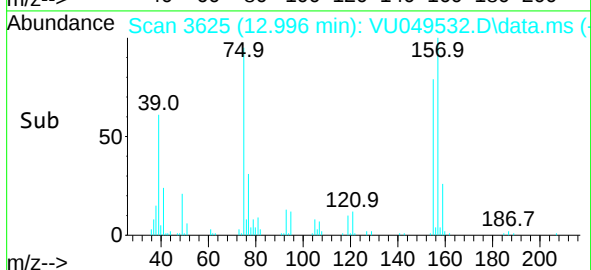
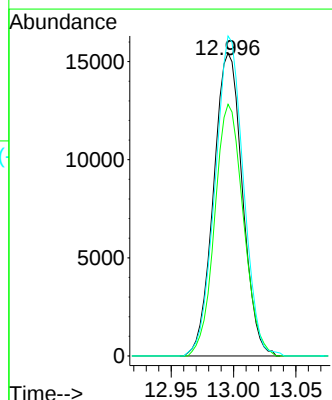
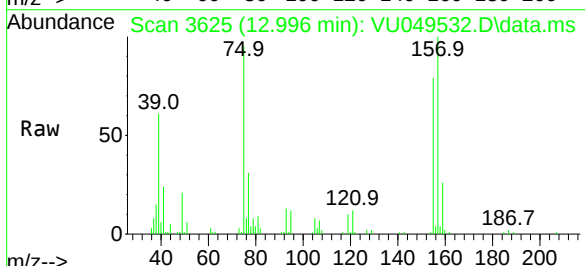
Tgt Ion: 75 Resp: 24903

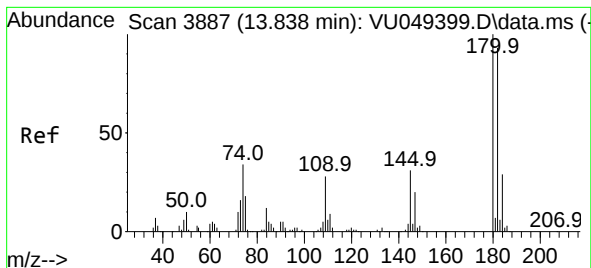
Ion Ratio Lower Upper

75 100

155 82.4 47.8 143.4

157 103.5 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 20.664 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049532.D

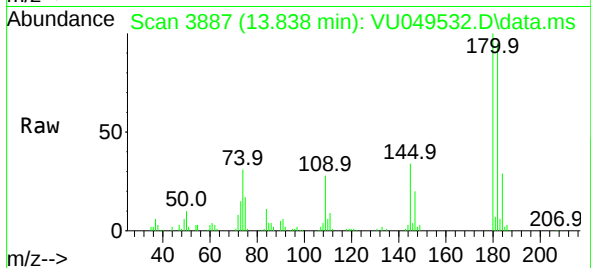
Acq: 29 Jun 2022 23:36

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBSD02



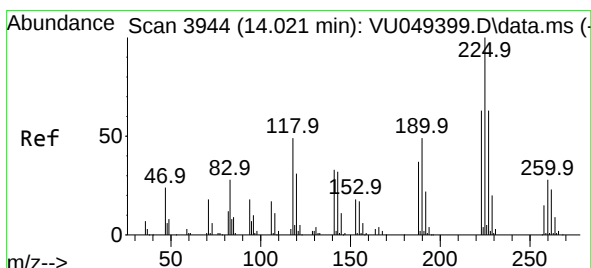
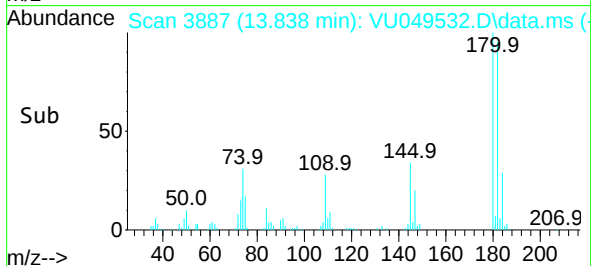
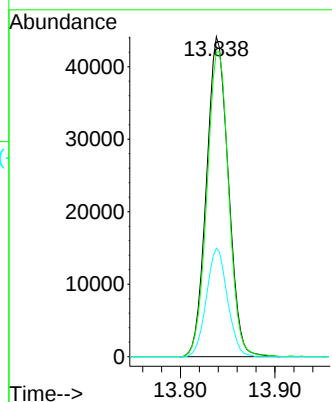
Tgt Ion:180 Resp: 70899

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 32.5 14.0 41.9



#94

Hexachlorobutadiene

Concen: 18.174 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049532.D

Acq: 29 Jun 2022 23:36

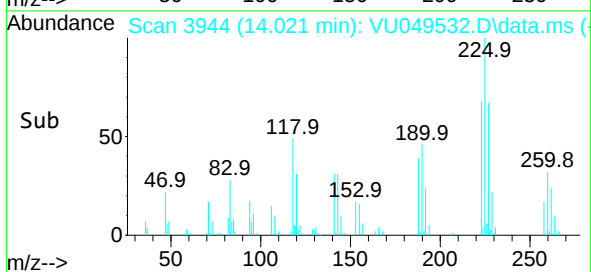
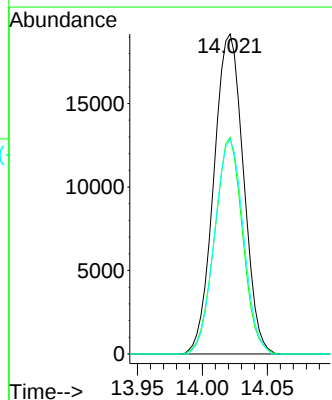
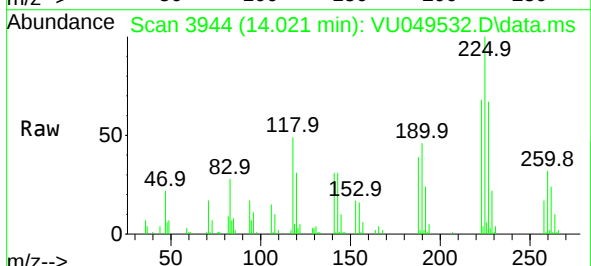
Tgt Ion:225 Resp: 30391

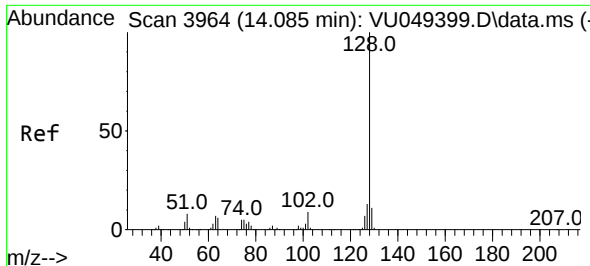
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.9

227 65.2 32.0 96.2

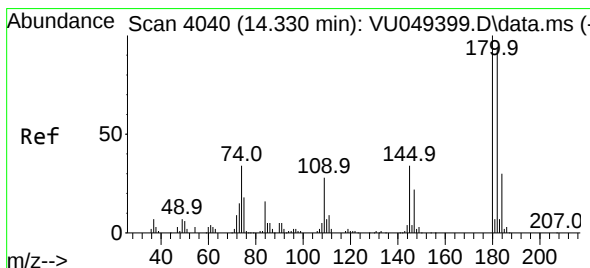
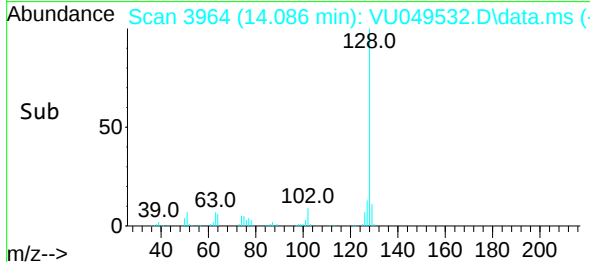
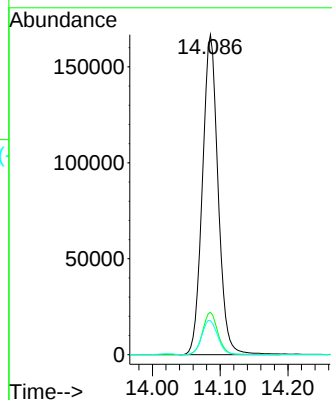
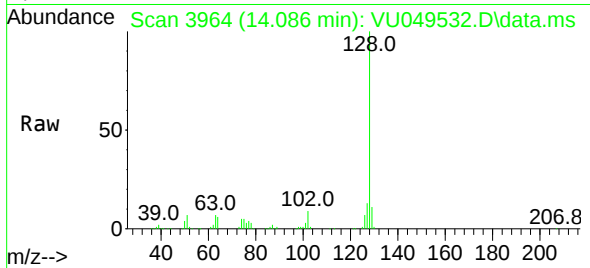




#95  
Naphthalene  
Concen: 22.255 ug/l  
RT: 14.086 min Scan# 3964  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBSD02

Tgt Ion:128 Resp: 268590  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.168 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU049532.D  
Acq: 29 Jun 2022 23:36

Tgt Ion:180 Resp: 76147  
Ion Ratio Lower Upper  
180 100  
182 92.8 48.4 145.0  
145 32.2 14.8 44.4

