

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062722\  
 Data File : VU049423.D  
 Acq On : 27 Jun 2022 23:55  
 Operator : SY/MD  
 Sample : VU0627WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

Quant Time: Jun 28 05:31:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.372  | 168   | 259466   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.247  | 114   | 454342   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.417  | 117   | 403559   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 191998   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.700  | 65    | 194357   | 48.639   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 97.280%  |
| 35) Dibromofluoromethane     | 5.289  | 113   | 155632   | 48.961   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 97.920%  |
| 50) Toluene-d8               | 7.896  | 98    | 560935   | 49.476   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 98.960%  |
| 62) 4-Bromofluorobenzene     | 10.632 | 95    | 208477   | 48.003   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 96.000%  |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 74197    | 17.796   | ug/l  | 100      |
| 3) Chloromethane             | 1.523  | 50    | 89700    | 17.068   | ug/l  | 95       |
| 4) Vinyl Chloride            | 1.604  | 62    | 77026    | 18.350   | ug/l  | 100      |
| 5) Bromomethane              | 1.848  | 94    | 30156    | 23.103   | ug/l  | 99       |
| 6) Chloroethane              | 1.925  | 64    | 43227    | 23.383   | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 2.134  | 101   | 92984    | 17.381   | ug/l  | 96       |
| 8) Diethyl Ether             | 2.375  | 74    | 40328    | 20.869   | ug/l  | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 57120    | 19.845   | ug/l  | 95       |
| 10) Methyl Iodide            | 2.720  | 142   | 69236    | 28.312   | ug/l  | 95       |
| 11) Tert butyl alcohol       | 3.195  | 59    | 120018   | 128.322  | ug/l  | # 52     |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 56990    | 20.223   | ug/l  | 93       |
| 13) Acrolein                 | 2.485  | 56    | 50496    | 79.724   | ug/l  | 97       |
| 14) Allyl chloride           | 2.922  | 41    | 108707   | 19.086   | ug/l  | # 87     |
| 15) Acrylonitrile            | 3.314  | 53    | 236804   | 105.273  | ug/l  | 99       |
| 16) Acetone                  | 2.629  | 43    | 190854   | 94.711   | ug/l  | 100      |
| 17) Carbon Disulfide         | 2.790  | 76    | 160521   | 18.265   | ug/l  | 100      |
| 18) Methyl Acetate           | 2.948  | 43    | 108381   | 19.868   | ug/l  | 94       |
| 19) Methyl tert-butyl Ether  | 3.363  | 73    | 215494   | 20.560   | ug/l  | 97       |
| 20) Methylene Chloride       | 3.044  | 84    | 73485    | 21.483   | ug/l  | 92       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96    | 59919    | 19.724   | ug/l  | 91       |
| 22) Diisopropyl ether        | 3.993  | 45    | 218477   | 20.091   | ug/l  | # 79     |
| 23) Vinyl Acetate            | 3.954  | 43    | 960666   | 100.792  | ug/l  | 94       |
| 24) 1,1-Dichloroethane       | 3.867  | 63    | 121137   | 19.393   | ug/l  | 97       |
| 25) 2-Butanone               | 4.703  | 43    | 314128   | 104.017  | ug/l  | 96       |
| 26) 2,2-Dichloropropane      | 4.665  | 77    | 75270    | 14.478   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 4.668  | 96    | 72385    | 20.622   | ug/l  | 94       |
| 28) Bromochloromethane       | 4.973  | 49    | 54423    | 19.933   | ug/l  | # 78     |
| 29) Tetrahydrofuran          | 5.054  | 42    | 211810   | 102.239  | ug/l  | 88       |
| 30) Chloroform               | 5.089  | 83    | 119103   | 19.276   | ug/l  | 99       |
| 31) Cyclohexane              | 5.385  | 56    | 115568   | 19.261   | ug/l  | 92       |
| 32) 1,1,1-Trichloroethane    | 5.317  | 97    | 103413   | 19.289   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.526  | 75    | 85872    | 18.631   | ug/l  | 97       |
| 37) Ethyl Acetate            | 4.803  | 43    | 118912   | 18.880   | ug/l  | 95       |
| 38) Carbon Tetrachloride     | 5.523  | 117   | 86662    | 17.929   | ug/l  | 99       |
| 39) Methylcyclohexane        | 6.761  | 83    | 103043   | 18.652   | ug/l  | 91       |
| 40) Benzene                  | 5.774  | 78    | 266538   | 19.154   | ug/l  | 100      |

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 Sample : VU0627WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

Quant Time: Jun 28 05:31:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 61394    | 19.454  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 94329    | 18.213  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.909  | 43   | 176868   | 19.165  | ug/l   | 96       |
| 44) Trichloroethene           | 6.543  | 130  | 63419    | 19.171  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 73014    | 18.936  | ug/l   | 100      |
| 46) Dibromomethane            | 6.919  | 93   | 48950    | 19.041  | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.105  | 83   | 91526    | 18.498  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.960  | 41   | 83680    | 19.349  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 6.980  | 88   | 49254    | 444.528 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 598204   | 96.856  | ug/l   | 95       |
| 52) Toluene                   | 7.967  | 92   | 160554   | 19.412  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 94831    | 17.867  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 107964   | 19.051  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 68413    | 20.006  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 117357   | 20.519  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 116761   | 19.248  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 50071    | 119.165 | ug/l   | 93       |
| 59) 2-Hexanone                | 8.684  | 43   | 463991   | 95.532  | ug/l   | 96       |
| 60) Dibromochloromethane      | 8.809  | 129  | 67293    | 18.924  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 72804    | 19.537  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.552  | 164  | 49270    | 19.035  | ug/l   | 92       |
| 65) Chlorobenzene             | 9.446  | 112  | 162088   | 19.646  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 62128    | 19.962  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.568  | 91   | 300831   | 19.862  | ug/l   | 96       |
| 68) m/p-Xylenes               | 9.694  | 106  | 223006   | 39.793  | ug/l   | 90       |
| 69) o-Xylene                  | 10.099 | 106  | 114889   | 20.650  | ug/l   | 90       |
| 70) Styrene                   | 10.115 | 104  | 183001   | 20.471  | ug/l   | 96       |
| 71) Bromoform                 | 10.292 | 173  | 51157    | 19.165  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 293912   | 21.489  | ug/l   | 95       |
| 74) N-amyl acetate            | 10.320 | 43   | 150724   | 20.822  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 119771   | 20.673  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 129642   | 19.919  | ug/l   | 99       |
| 77) Bromobenzene              | 10.780 | 156  | 68792    | 20.606  | ug/l   | 86       |
| 78) n-propylbenzene           | 10.906 | 91   | 338960   | 20.395  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 207868   | 20.301  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 247259   | 20.708  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 31852    | 18.072  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 231551   | 20.107  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 248201   | 21.134  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 246156   | 20.985  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 300731   | 20.367  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 246436   | 20.638  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 124767   | 19.548  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 124384   | 19.389  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.208 | 91   | 211546   | 19.138  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.475 | 117  | 42878    | 18.028  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 129709   | 20.226  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 29421    | 19.804  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 82658    | 20.286  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 35397    | 17.793  | ug/l   | 99       |
| 95) Naphthalene               | 14.086 | 128  | 332923   | 23.115  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 90186    | 21.080  | ug/l   | 97       |

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Sample : VU0627WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

Quant Time: Jun 28 05:31:20 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 05:14:22 2022  
Response via : Initial Calibration

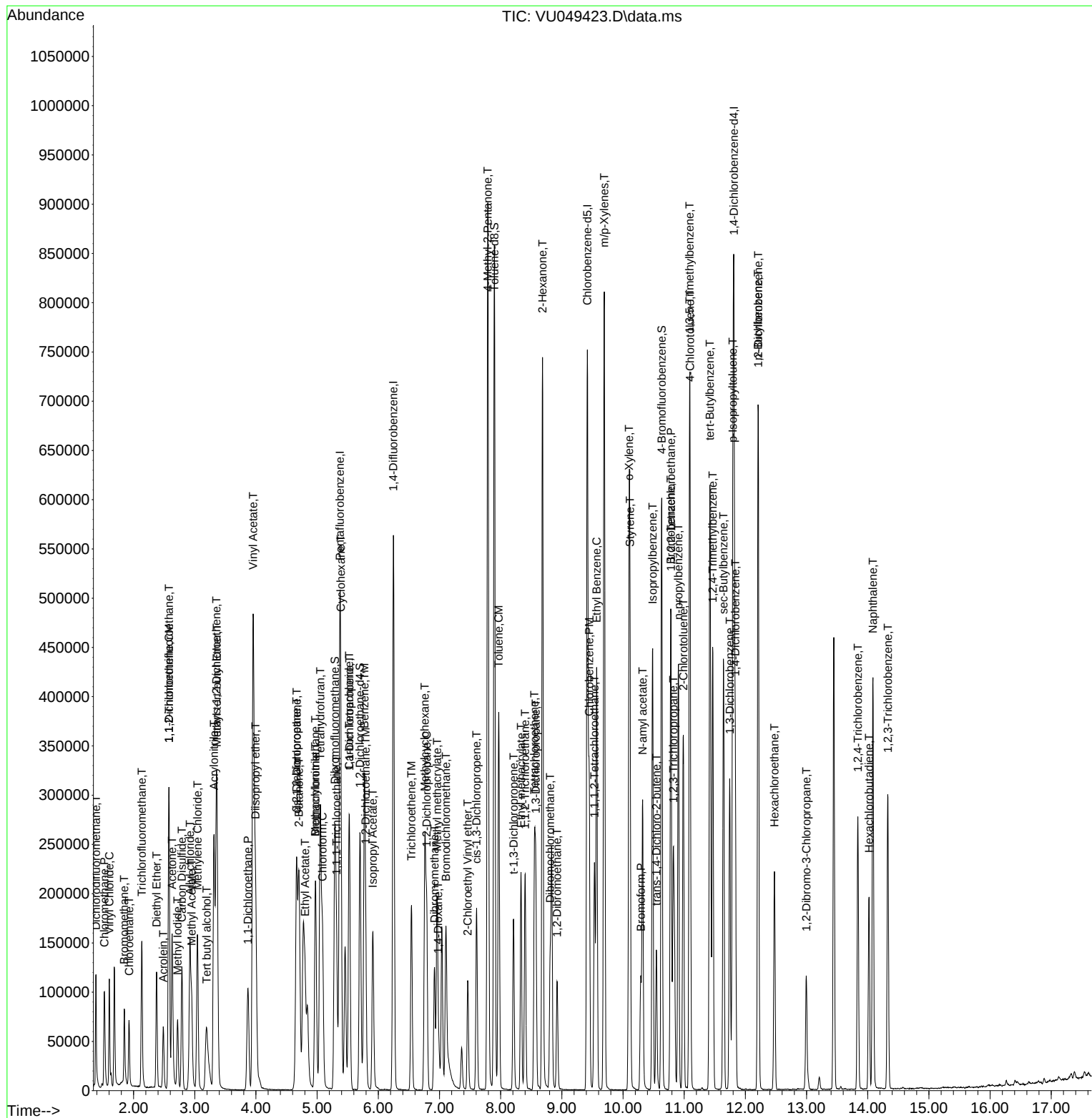
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

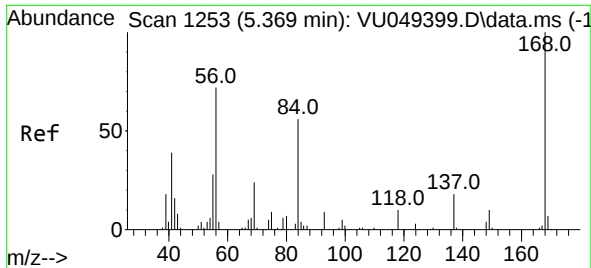
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Data File : VU049423.D  
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Sample : VU0627WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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VU0627WBSD02

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Quant Title : SW846 8260  
QLast Update : Tue Jun 28 05:14:22 2022  
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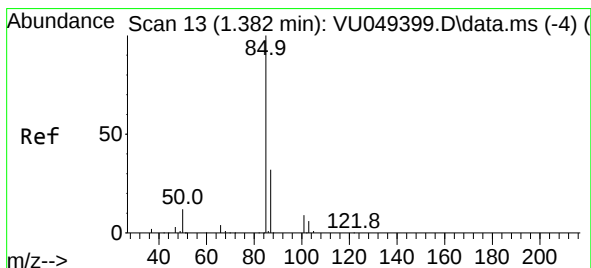
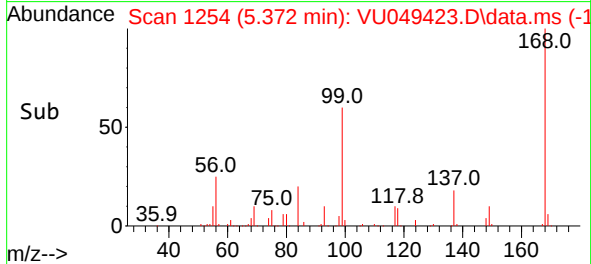
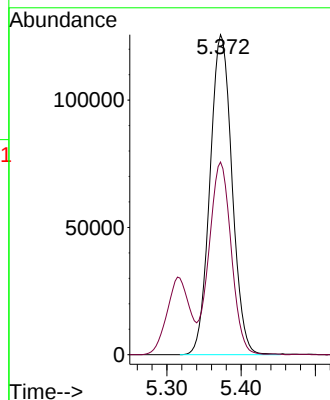
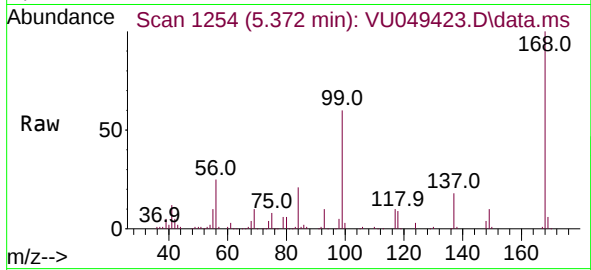




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

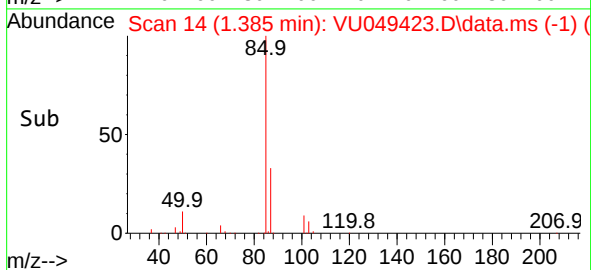
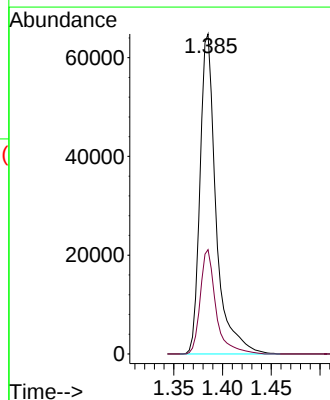
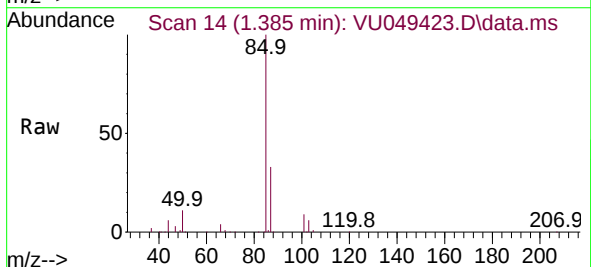
Instrument :  
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VU0627WBSD02

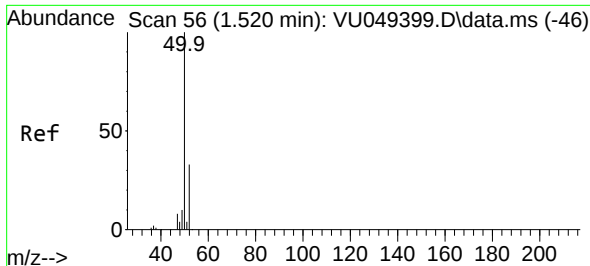
Tgt Ion:168 Resp: 259466  
Ion Ratio Lower Upper  
168 100  
99 60.0 39.3 58.9#



#2  
Dichlorodifluoromethane  
Concen: 17.796 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 85 Resp: 74197  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.4 49.2

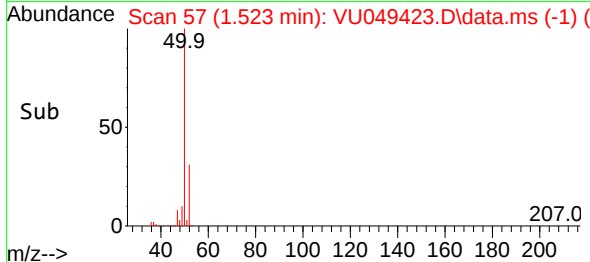
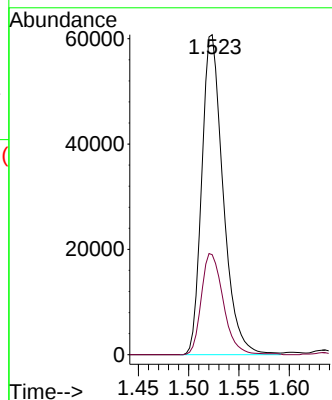
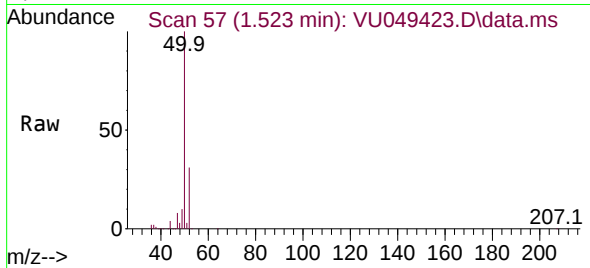




#3  
Chloromethane  
Concen: 17.068 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

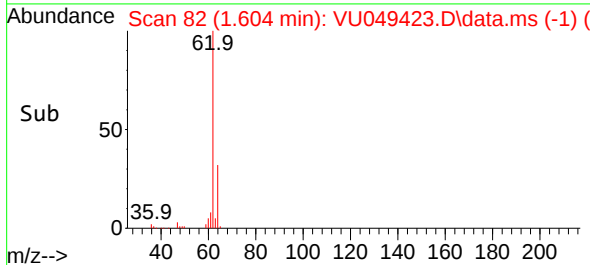
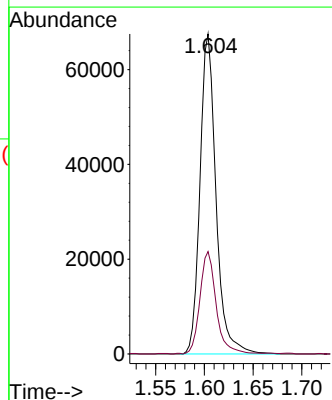
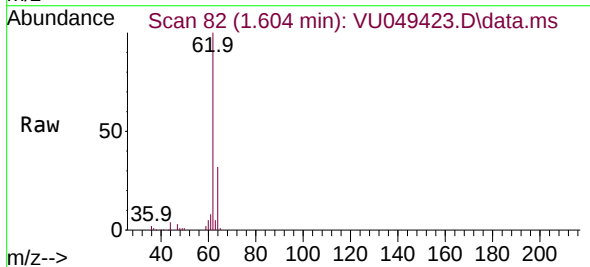
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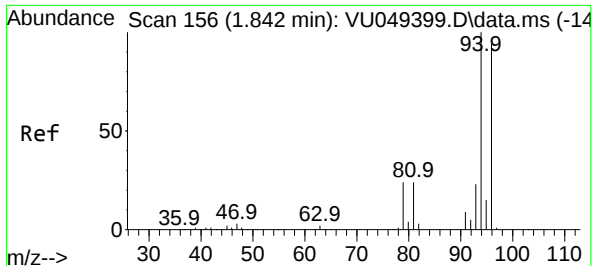
Tgt Ion: 50 Resp: 89700  
Ion Ratio Lower Upper  
50 100  
52 31.2 27.4 41.2



#4  
Vinyl Chloride  
Concen: 18.350 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 62 Resp: 77026  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.3 37.9

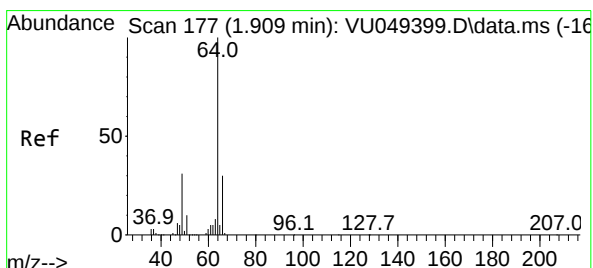
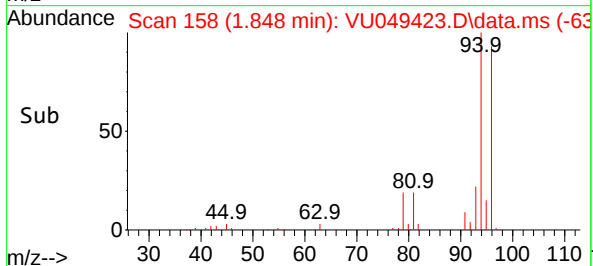
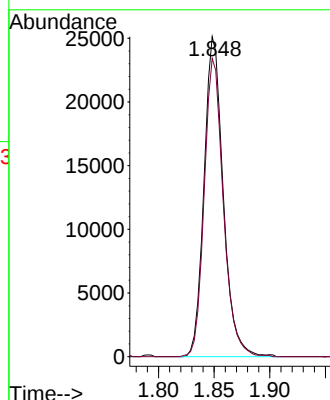
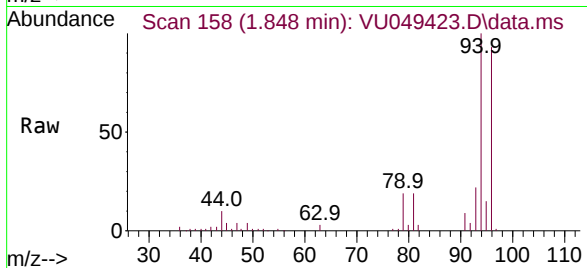




#5  
Bromomethane  
Concen: 23.103 ug/l  
RT: 1.848 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

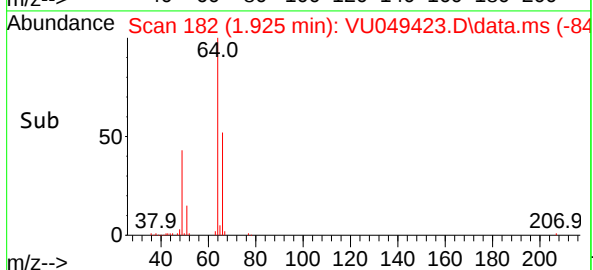
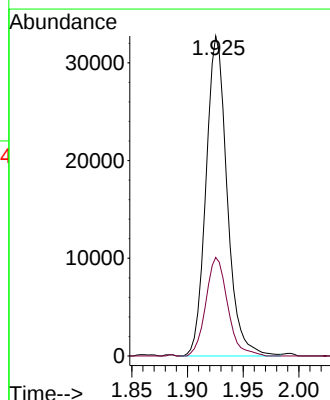
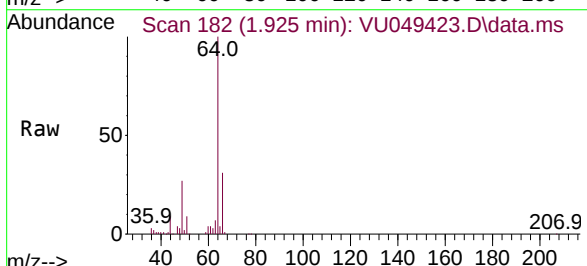
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

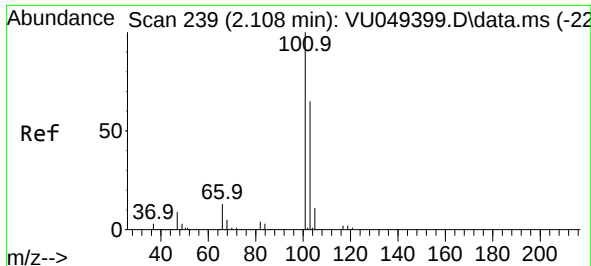
Tgt Ion: 94 Resp: 30156  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.7 110.5



#6  
Chloroethane  
Concen: 23.383 ug/l  
RT: 1.925 min Scan# 182  
Delta R.T. 0.016 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 64 Resp: 43227  
Ion Ratio Lower Upper  
64 100  
66 30.8 24.7 37.1

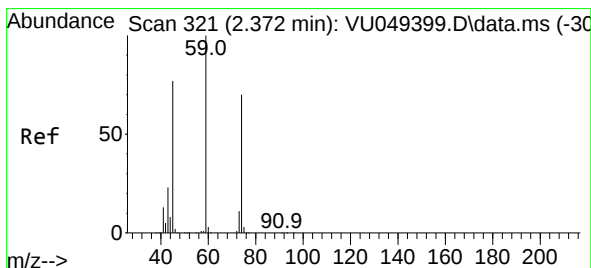
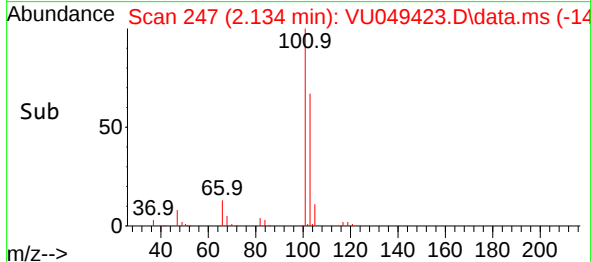
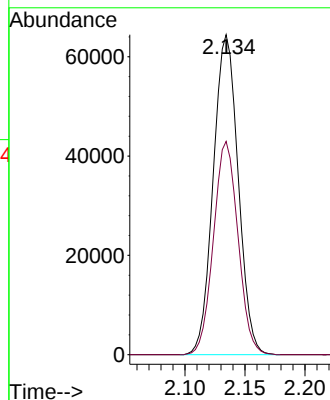
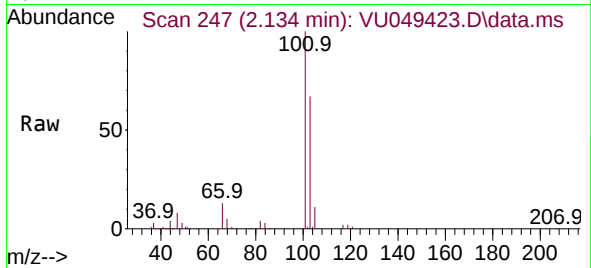




#7  
 Trichlorofluoromethane  
 Concen: 17.381 ug/l  
 RT: 2.134 min Scan# 24  
 Delta R.T. 0.026 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

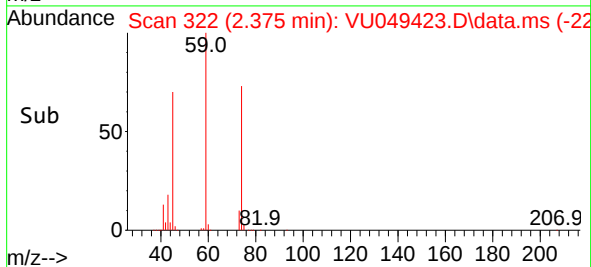
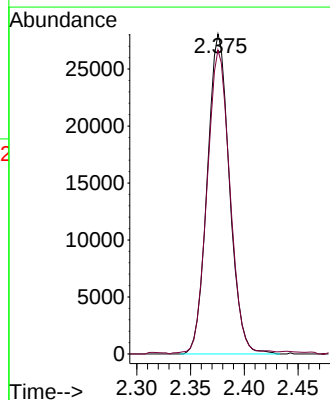
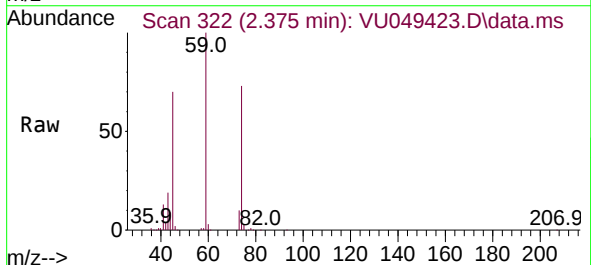
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

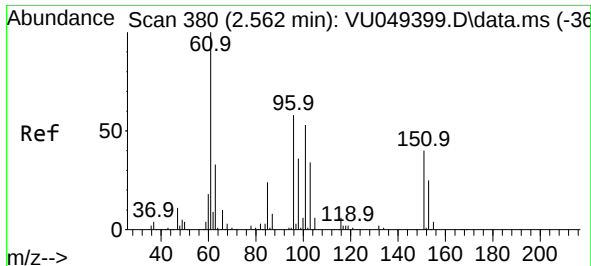
Tgt Ion:101 Resp: 92984  
 Ion Ratio Lower Upper  
 101 100  
 103 66.7 50.6 75.8



#8  
 Diethyl Ether  
 Concen: 20.869 ug/l  
 RT: 2.375 min Scan# 322  
 Delta R.T. 0.003 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion: 74 Resp: 40328  
 Ion Ratio Lower Upper  
 74 100  
 45 97.7 44.4 133.2

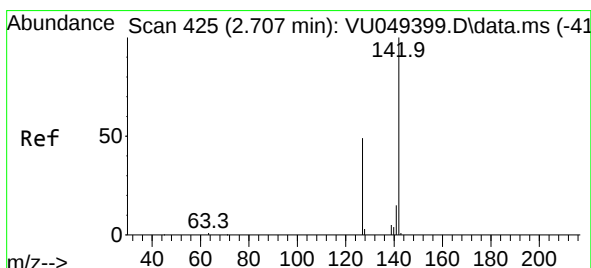
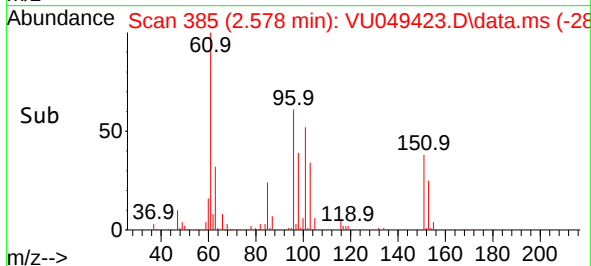
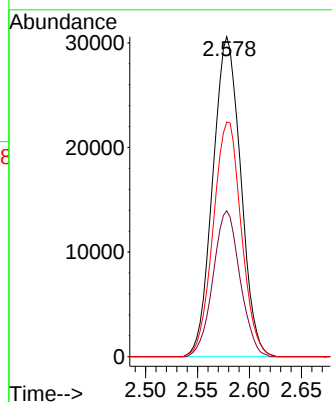
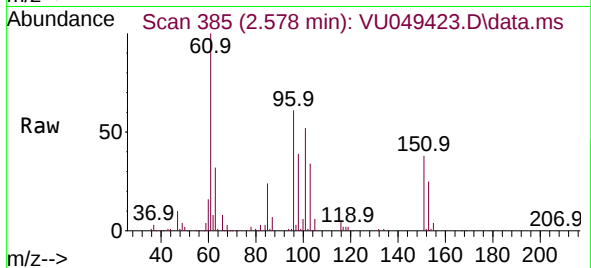




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.845 ug/l  
RT: 2.578 min Scan# 380  
Delta R.T. 0.016 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

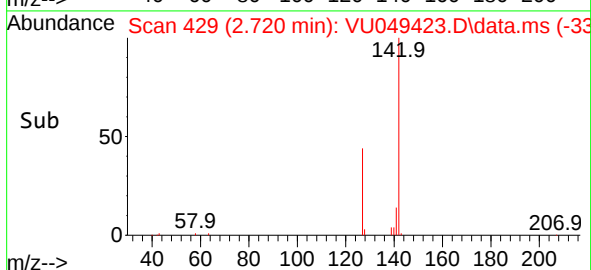
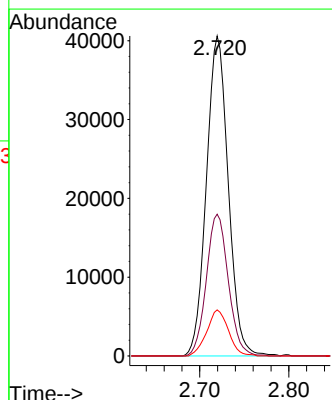
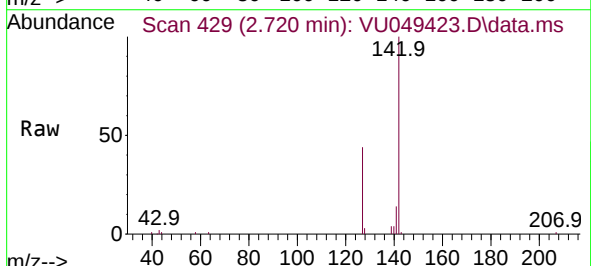
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

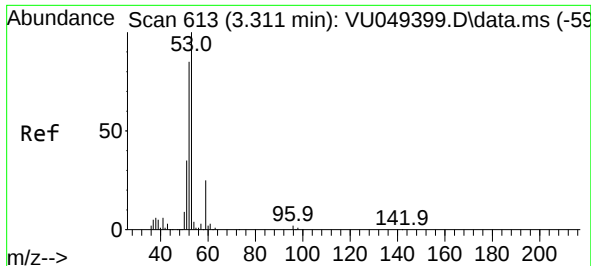
Tgt Ion:101 Resp: 57120  
Ion Ratio Lower Upper  
101 100  
85 44.2 33.9 50.9  
151 74.2 64.0 96.0



#10  
Methyl Iodide  
Concen: 28.312 ug/l  
RT: 2.720 min Scan# 429  
Delta R.T. 0.013 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:142 Resp: 69236  
Ion Ratio Lower Upper  
142 100  
127 44.4 32.5 48.7  
141 14.3 11.4 17.0

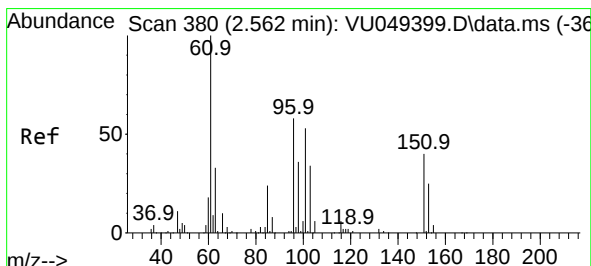
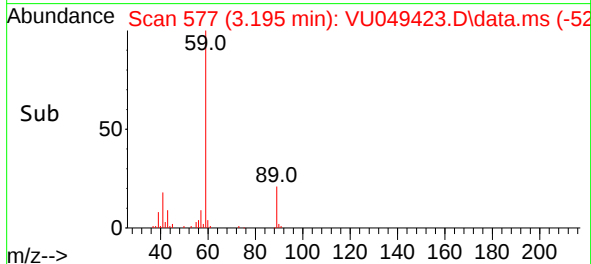
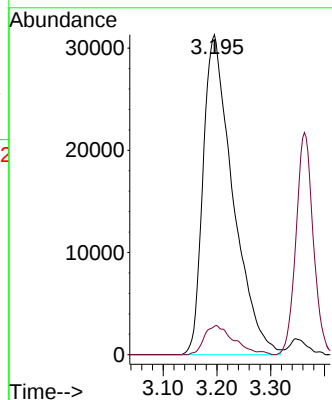
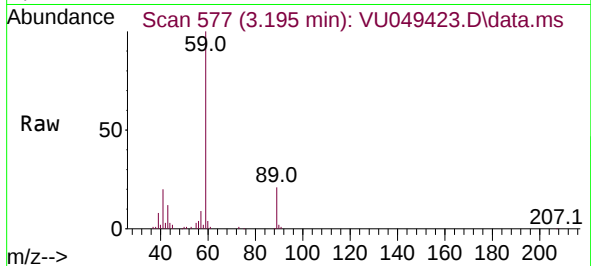




#11  
Tert butyl alcohol  
Concen: 128.322 ug/l  
RT: 3.195 min Scan# 51  
Delta R.T. -0.116 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

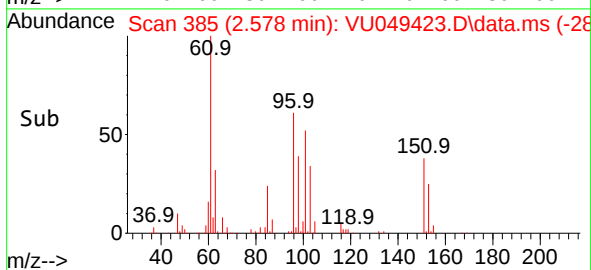
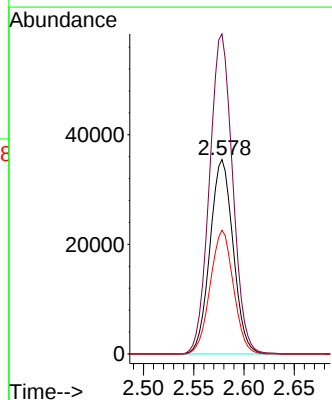
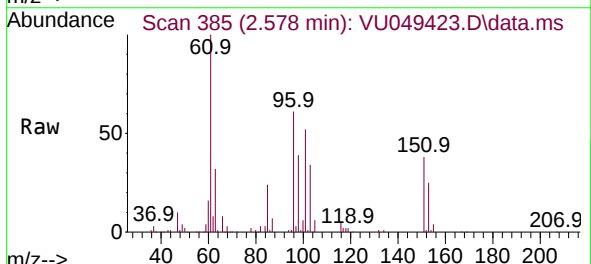
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

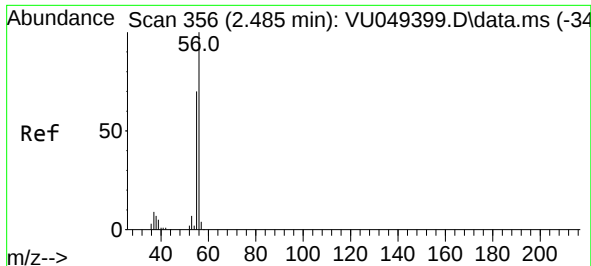
Tgt Ion: 59 Resp: 120018  
Ion Ratio Lower Upper  
59 100  
57 8.9 30.6 45.8#



#12  
1,1-Dichloroethene  
Concen: 20.223 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. 0.016 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 96 Resp: 56990  
Ion Ratio Lower Upper  
96 100  
61 164.6 122.2 183.2  
98 63.6 50.7 76.1





#13

Acrolein

Concen: 79.724 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

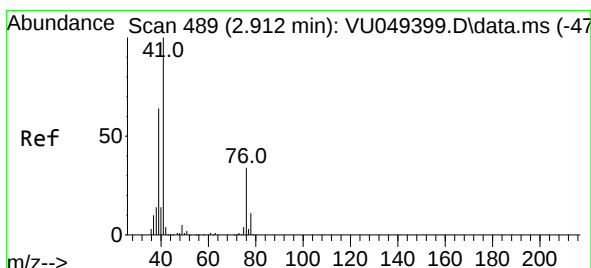
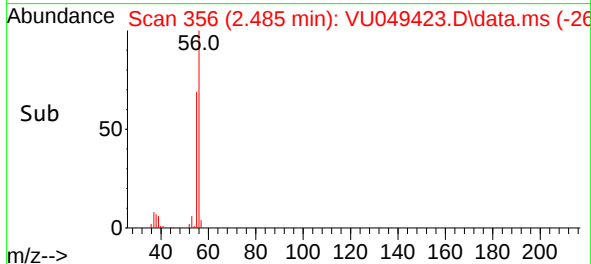
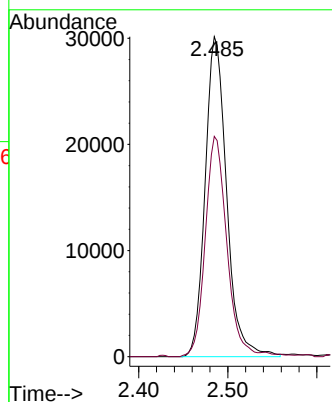
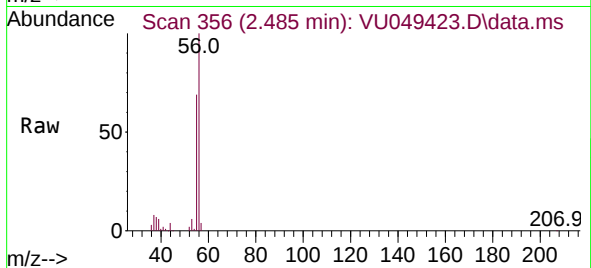
VU0627WBSD02

Tgt Ion: 56 Resp: 50496

Ion Ratio Lower Upper

56 100

55 68.7 56.6 85.0



#14

Allyl chloride

Concen: 19.086 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

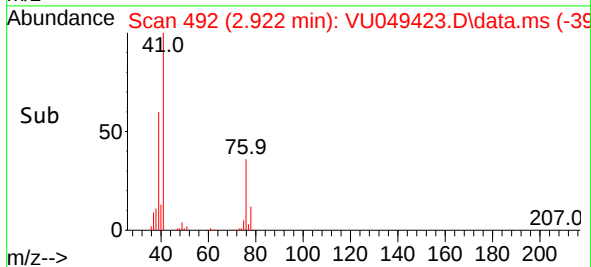
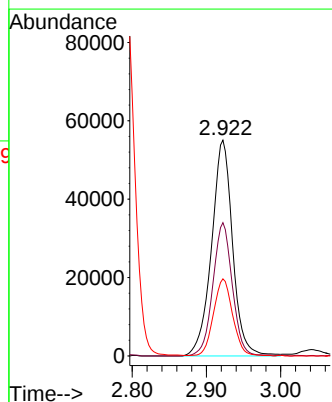
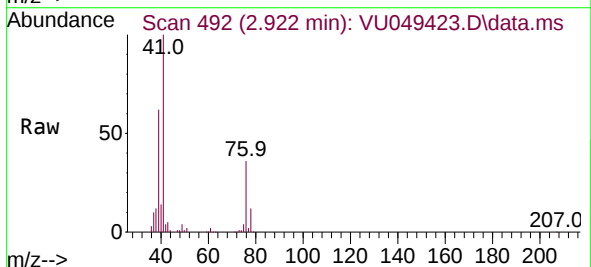
Tgt Ion: 41 Resp: 108707

Ion Ratio Lower Upper

41 100

39 57.0 53.4 80.2

76 32.5 33.8 50.6#

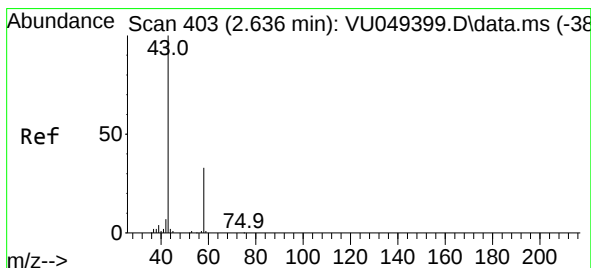
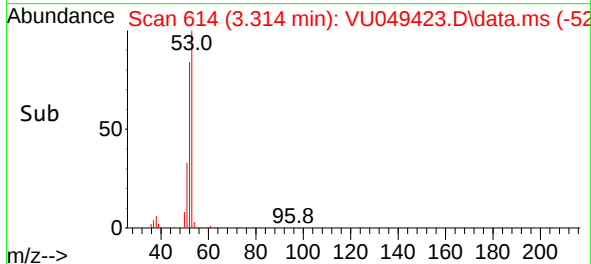
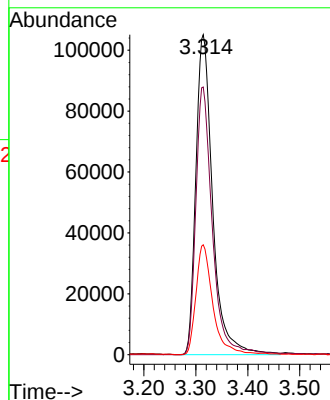
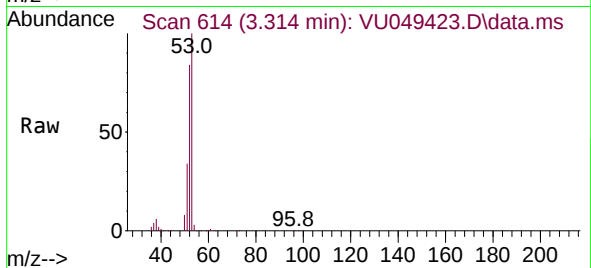




#15  
Acrylonitrile  
Concen: 105.273 ug/l  
RT: 3.314 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

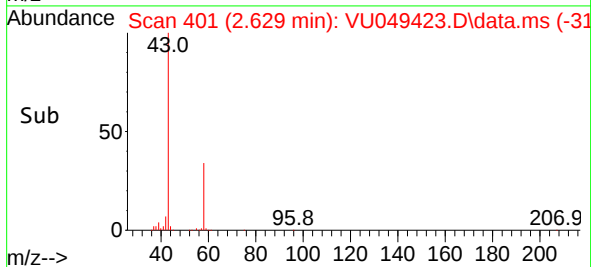
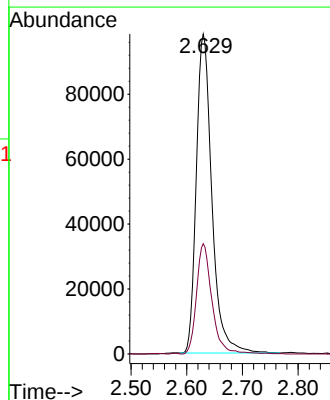
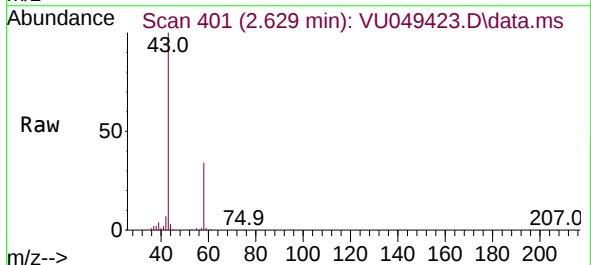
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

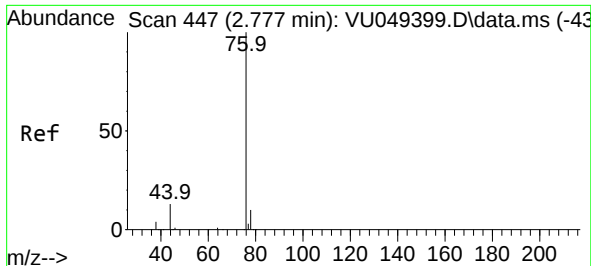
Tgt Ion: 53 Resp: 236804  
Ion Ratio Lower Upper  
53 100  
52 82.2 65.7 98.5  
51 34.4 28.2 42.4



#16  
Acetone  
Concen: 94.711 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 43 Resp: 190854  
Ion Ratio Lower Upper  
43 100  
58 34.5 27.5 41.3





#17

Carbon Disulfide

Concen: 18.265 ug/l

RT: 2.790 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

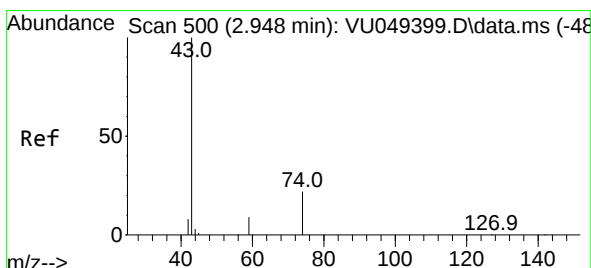
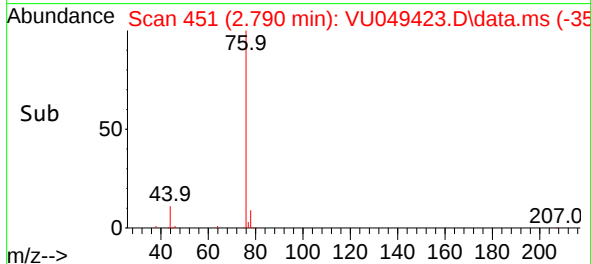
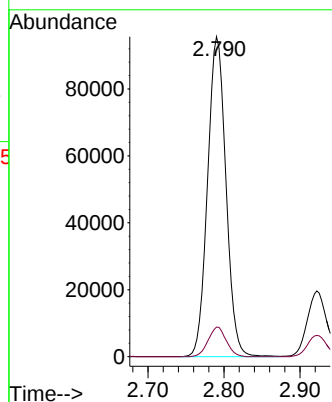
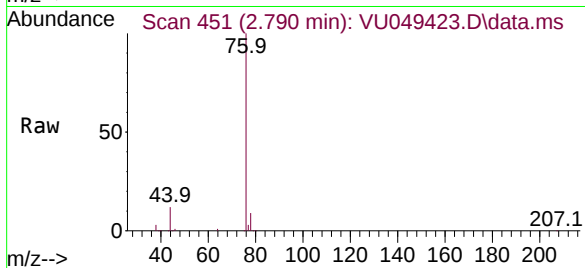
VU0627WBSD02

Tgt Ion: 76 Resp: 160521

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 19.868 ug/l

RT: 2.948 min Scan# 500

Delta R.T. 0.000 min

Lab File: VU049423.D

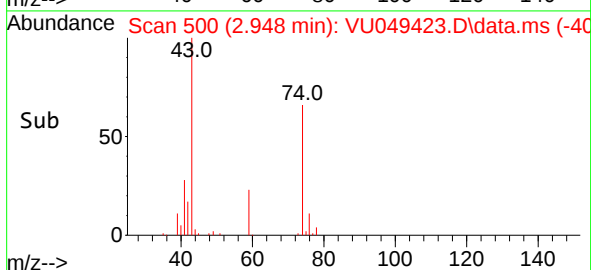
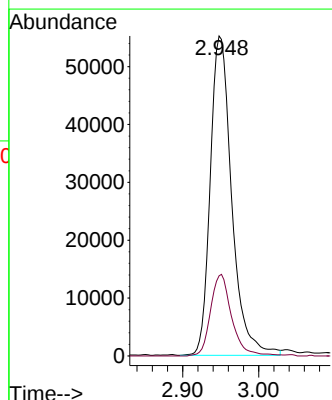
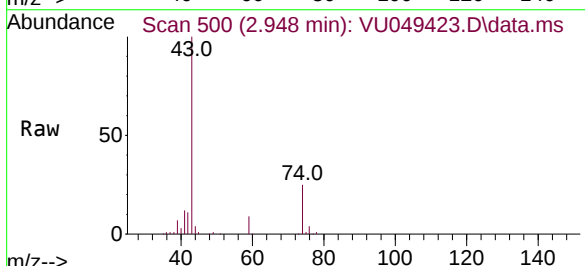
Acq: 27 Jun 2022 23:55

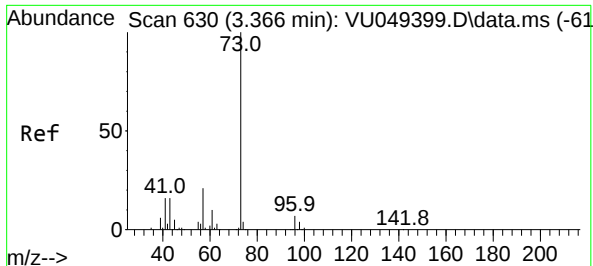
Tgt Ion: 43 Resp: 108381

Ion Ratio Lower Upper

43 100

74 25.1 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.560 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

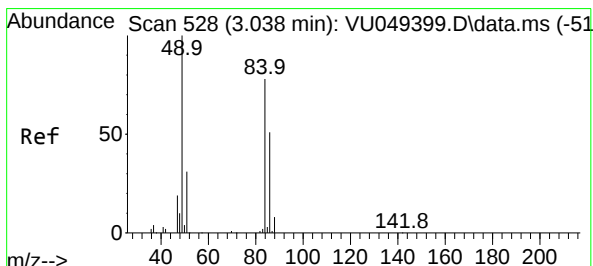
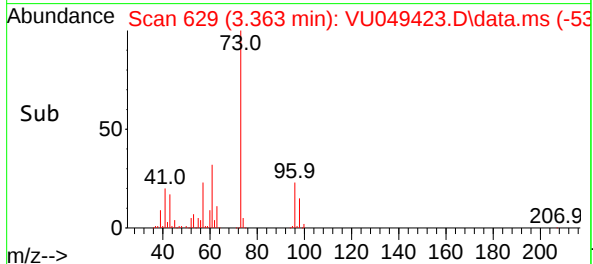
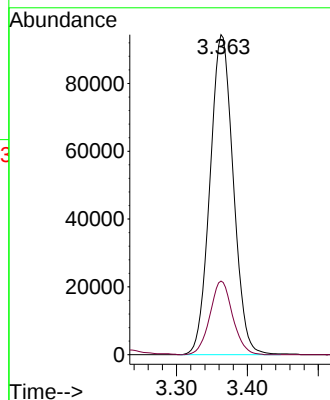
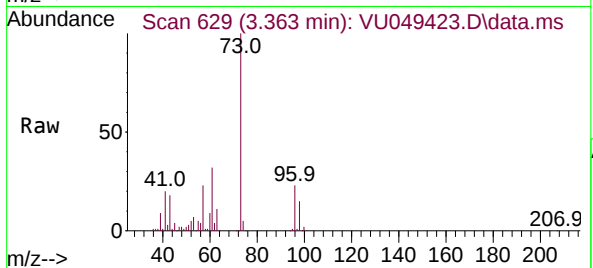
VU0627WBSD02

Tgt Ion: 73 Resp: 215494

Ion Ratio Lower Upper

73 100

57 23.0 17.1 25.7



#20

Methylene Chloride

Concen: 21.483 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.007 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Tgt Ion: 84 Resp: 73485

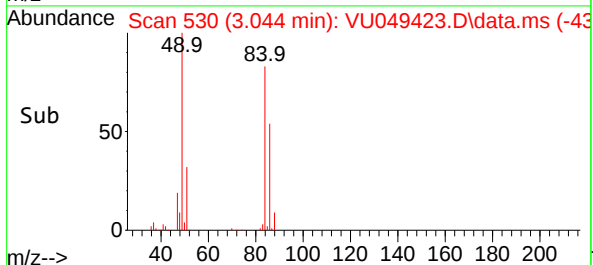
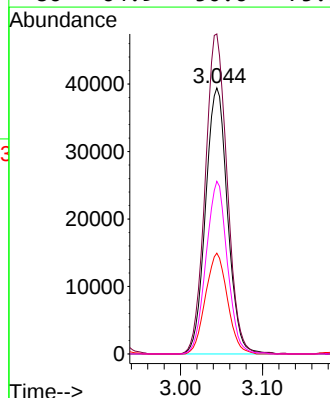
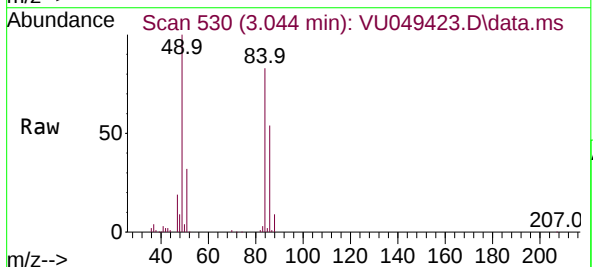
Ion Ratio Lower Upper

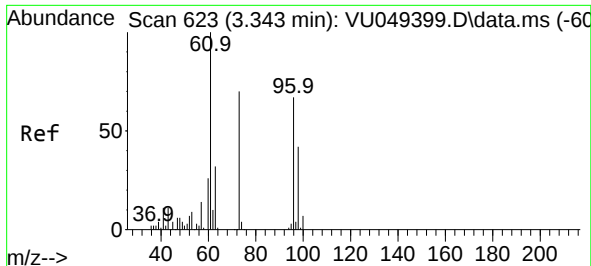
84 100

49 120.3 86.6 129.8

51 37.9 26.6 40.0

86 64.9 50.6 75.8

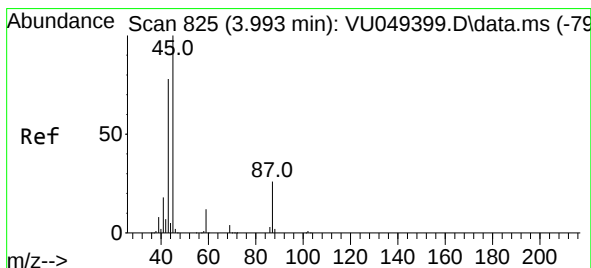
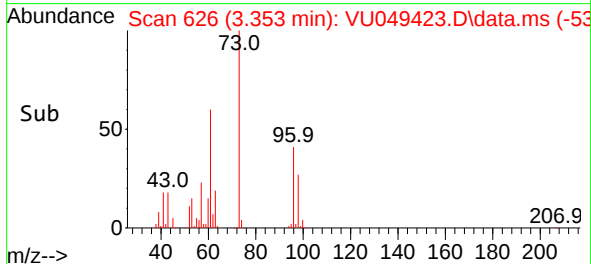
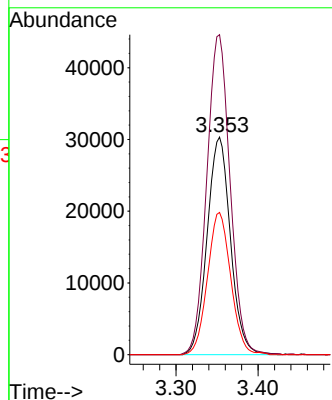
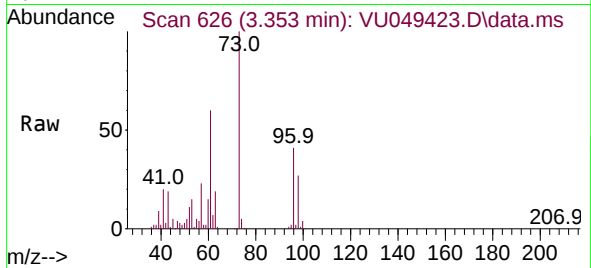




#21  
trans-1,2-Dichloroethene  
Concen: 19.724 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. 0.010 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

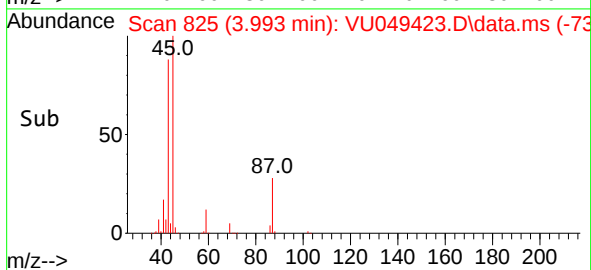
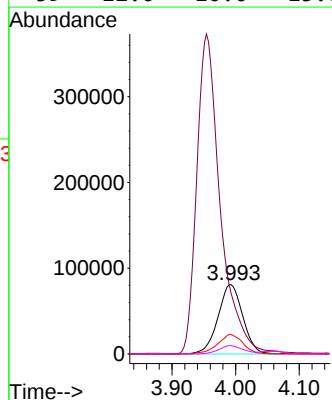
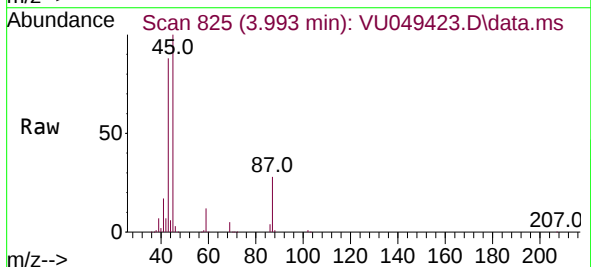
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

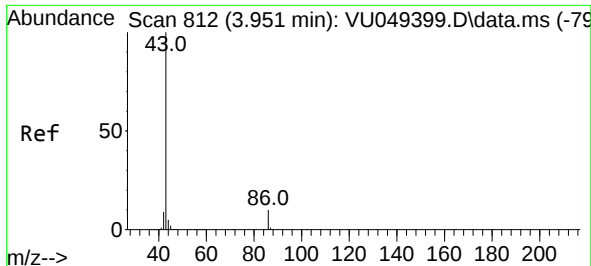
Tgt Ion: 96 Resp: 59919  
Ion Ratio Lower Upper  
96 100  
61 147.0 106.1 159.1  
98 65.3 50.8 76.2



#22  
Diisopropyl ether  
Concen: 20.091 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 45 Resp: 218477  
Ion Ratio Lower Upper  
45 100  
43 86.4 92.9 139.3#  
87 28.0 26.2 39.2  
59 12.0 10.0 15.0

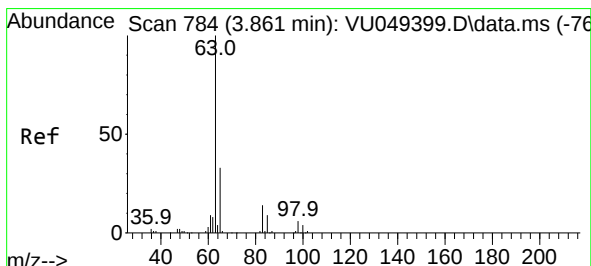
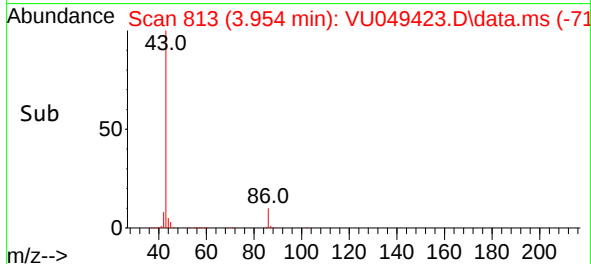
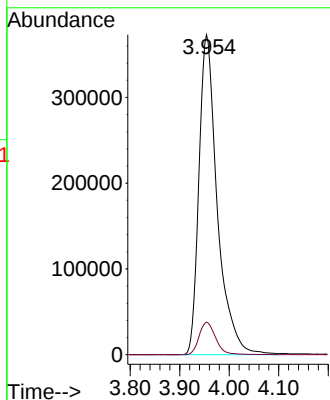
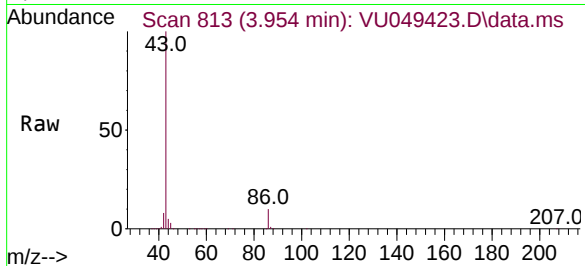




#23  
 Vinyl Acetate  
 Concen: 100.792 ug/l  
 RT: 3.954 min Scan# 812  
 Delta R.T. 0.003 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

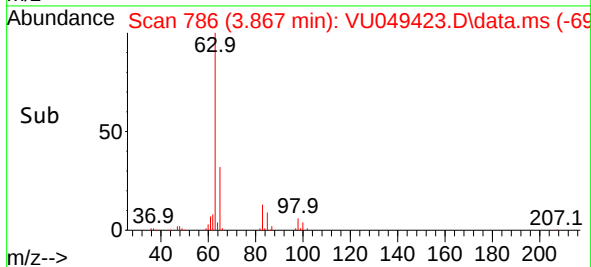
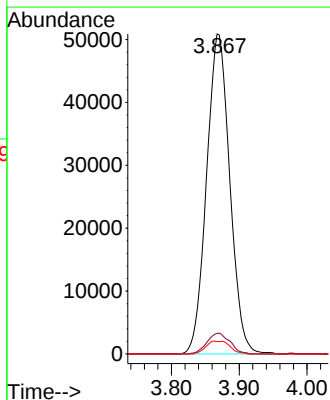
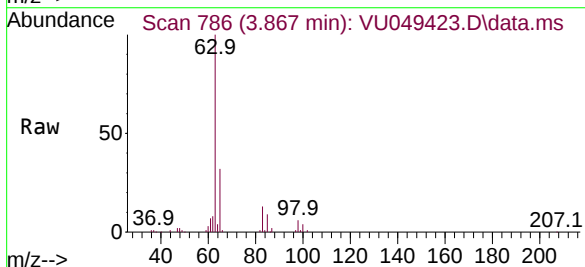
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

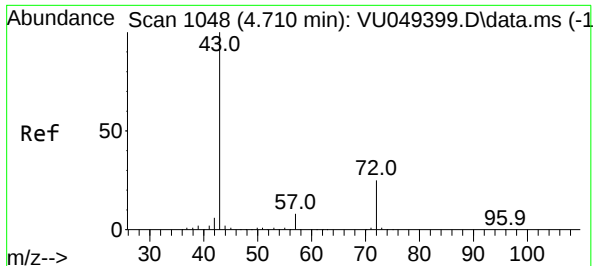
Tgt Ion: 43 Resp: 960666  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 9.8 14.8



#24  
 1,1-Dichloroethane  
 Concen: 19.393 ug/l  
 RT: 3.867 min Scan# 786  
 Delta R.T. 0.007 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion: 63 Resp: 121137  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.9  
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 104.017 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

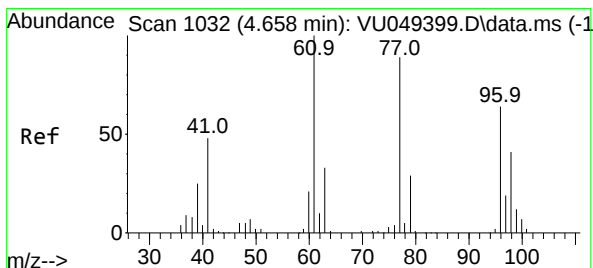
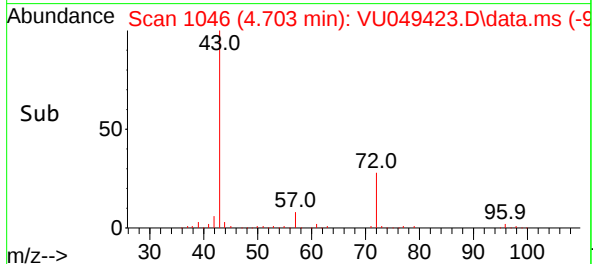
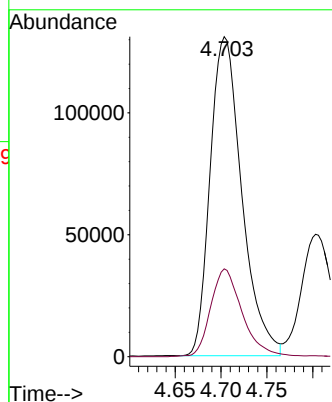
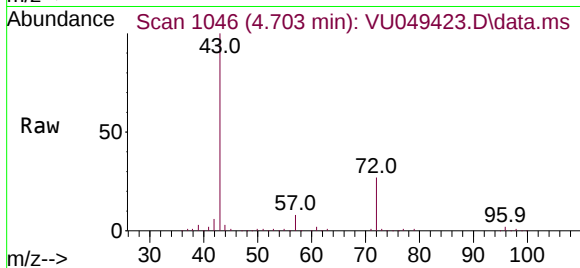
VU0627WBSD02

Tgt Ion: 43 Resp: 314128

Ion Ratio Lower Upper

43 100

72 27.3 23.8 35.6



#26

2,2-Dichloropropane

Concen: 14.478 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VU049423.D

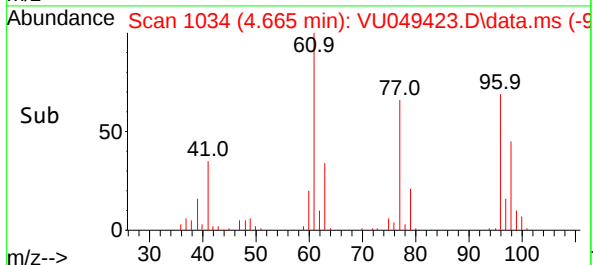
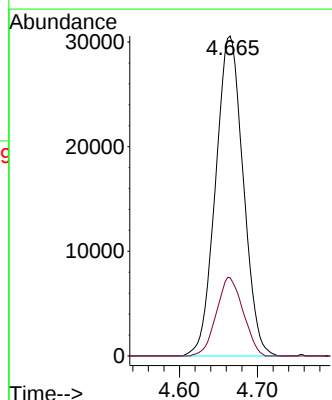
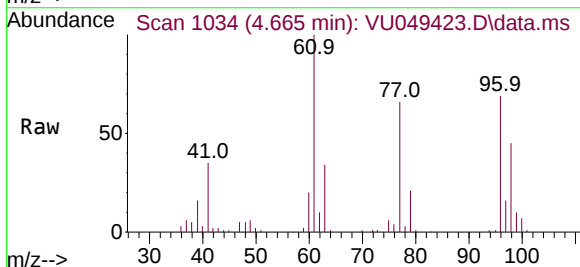
Acq: 27 Jun 2022 23:55

Tgt Ion: 77 Resp: 75270

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.8

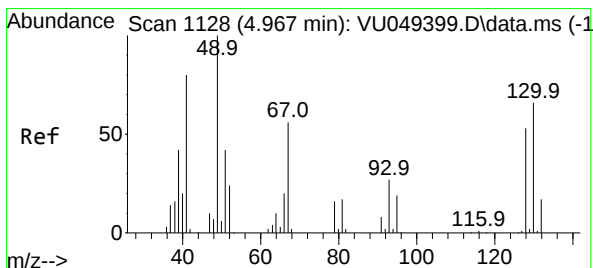
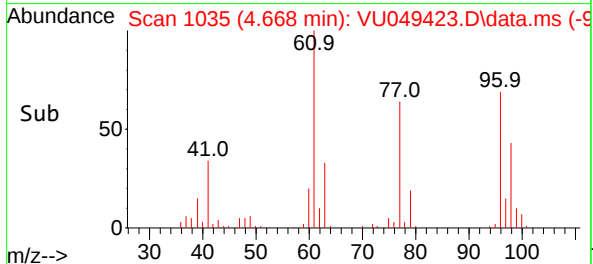
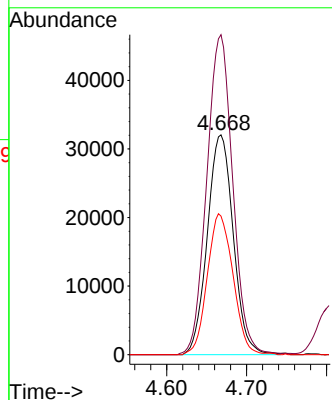
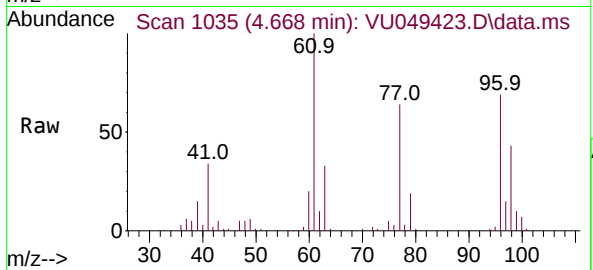




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.622 ug/l  
 RT: 4.668 min Scan# 1130  
 Delta R.T. 0.007 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

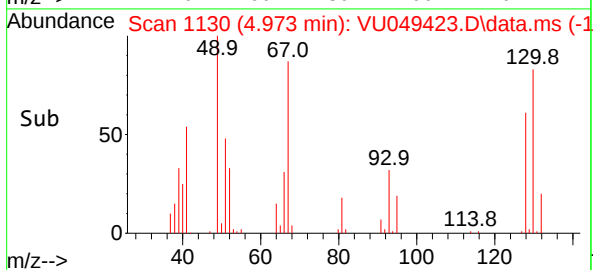
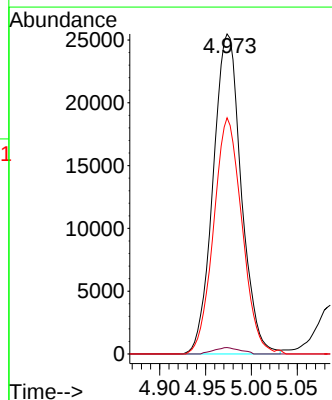
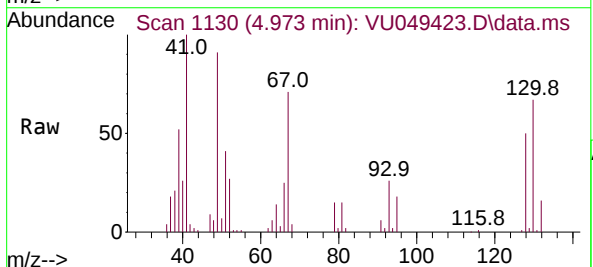
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

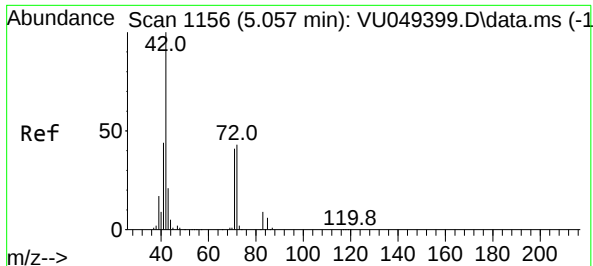
Tgt Ion: 96 Resp: 72385  
 Ion Ratio Lower Upper  
 96 100  
 61 145.6 0.0 271.6  
 98 63.2 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 19.933 ug/l  
 RT: 4.973 min Scan# 1130  
 Delta R.T. 0.007 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion: 49 Resp: 54423  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.6  
 130 74.2 76.9 115.3#





#29

Tetrahydrofuran

Concen: 102.239 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

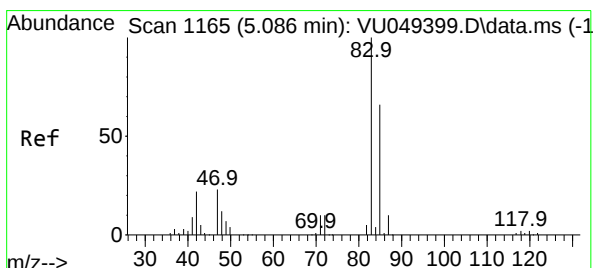
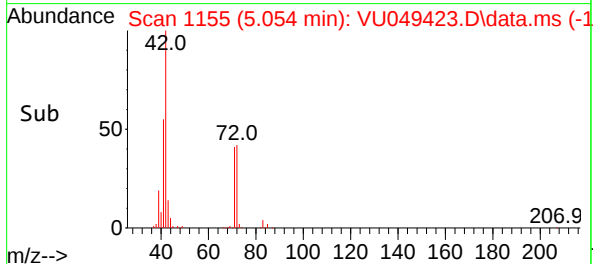
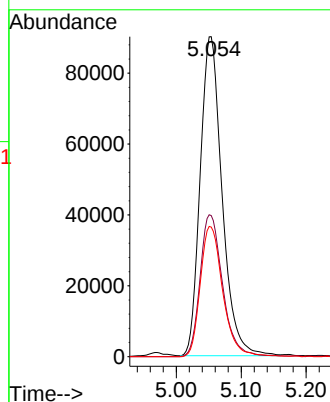
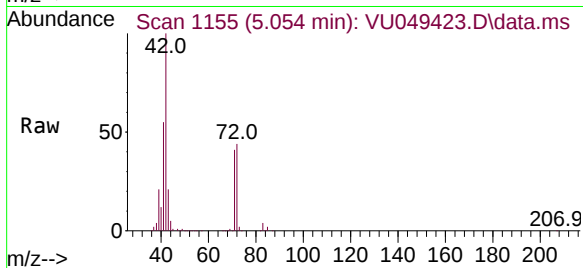
Tgt Ion: 42 Resp: 211810

Ion Ratio Lower Upper

42 100

72 45.5 42.6 63.8

71 41.9 40.3 60.5



#30

Chloroform

Concen: 19.276 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049423.D

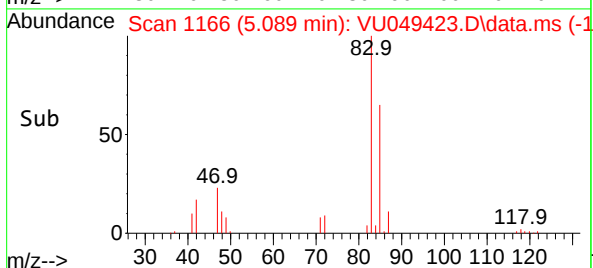
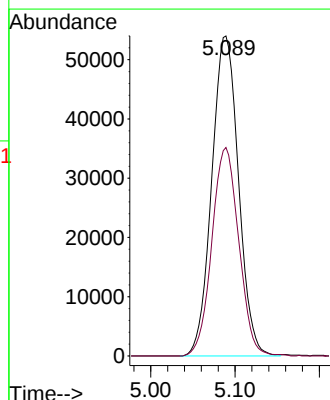
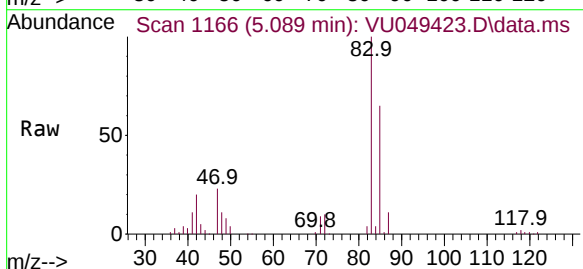
Acq: 27 Jun 2022 23:55

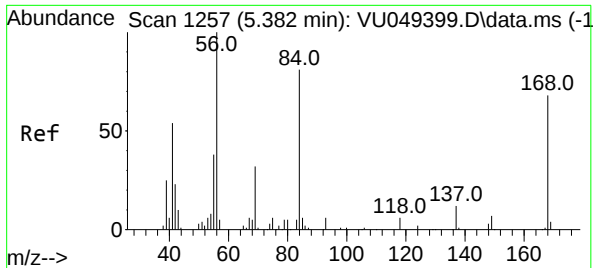
Tgt Ion: 83 Resp: 119103

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

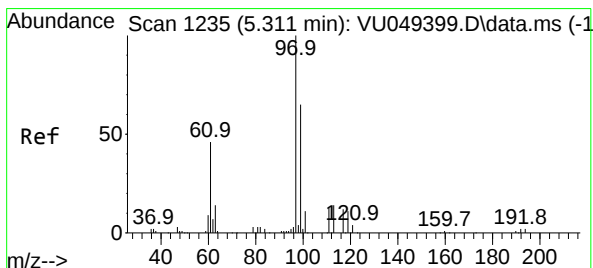
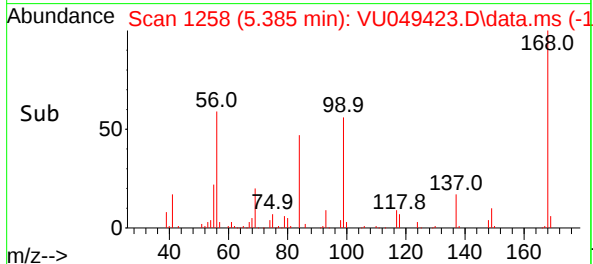
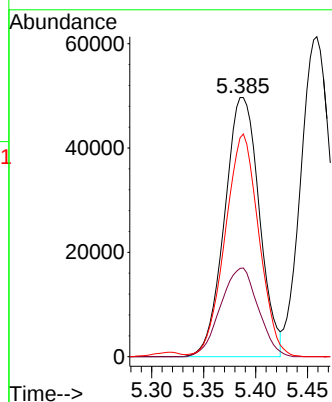
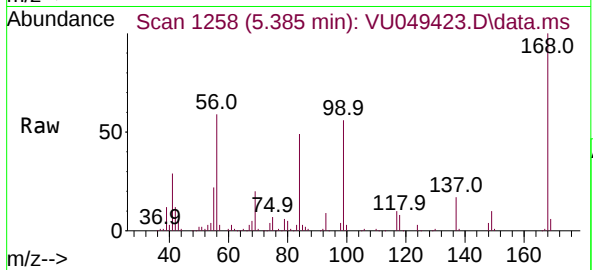




#31  
Cyclohexane  
Concen: 19.261 ug/l  
RT: 5.385 min Scan# 1257  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

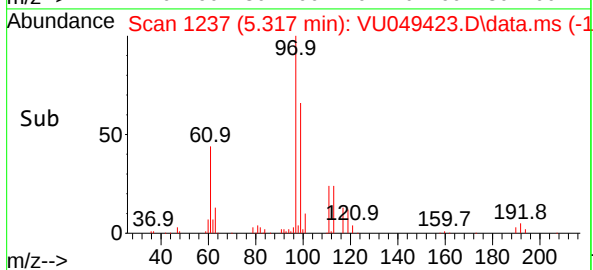
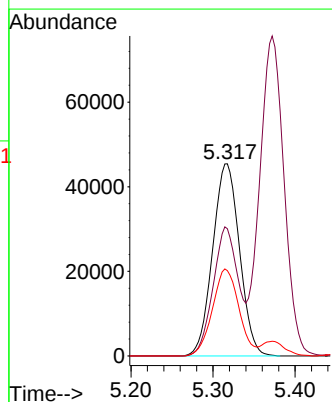
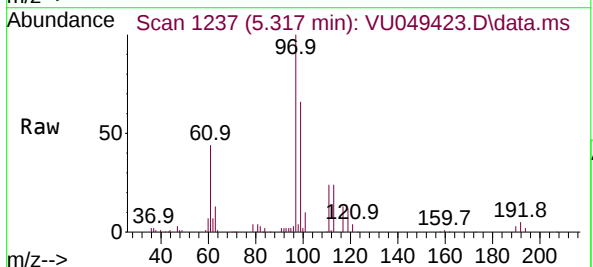
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

Tgt Ion: 56 Resp: 115568  
Ion Ratio Lower Upper  
56 100  
69 34.0 27.8 41.8  
84 83.4 74.2 111.4



#32  
1,1,1-Trichloroethane  
Concen: 19.289 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. 0.007 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 97 Resp: 103413  
Ion Ratio Lower Upper  
97 100  
99 62.8 51.8 77.6  
61 44.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.639 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

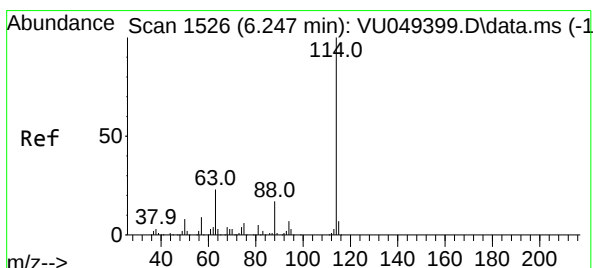
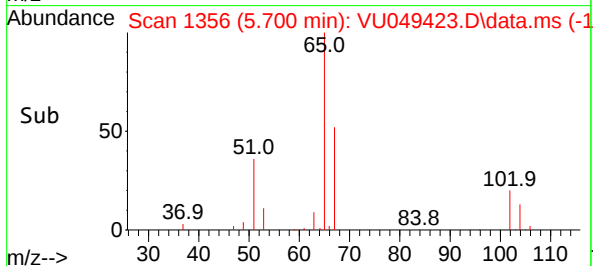
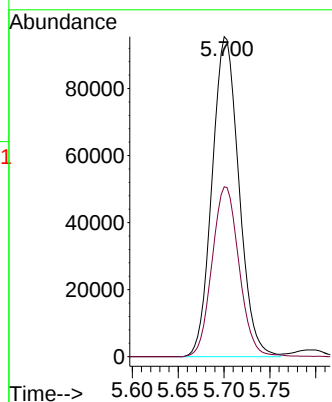
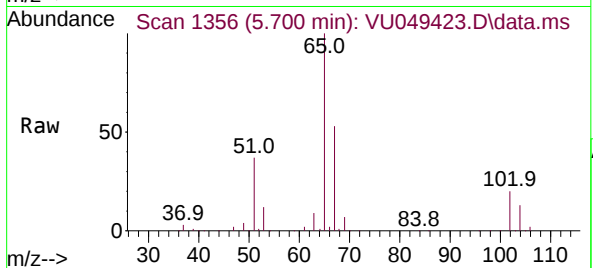
VU0627WBSD02

Tgt Ion: 65 Resp: 194357

Ion Ratio Lower Upper

65 100

67 53.5 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: VU049423.D

Acq: 27 Jun 2022 23:55

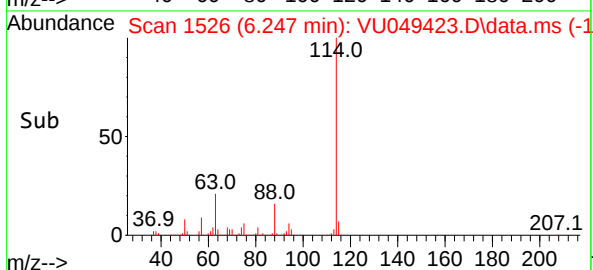
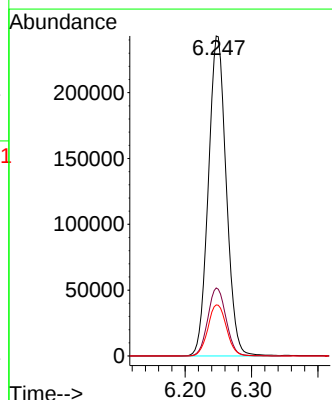
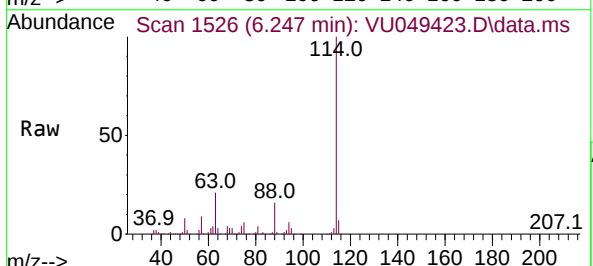
Tgt Ion: 114 Resp: 454342

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.961 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

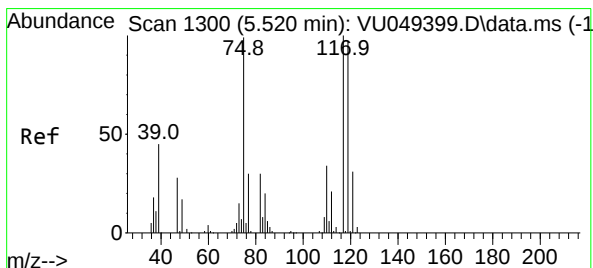
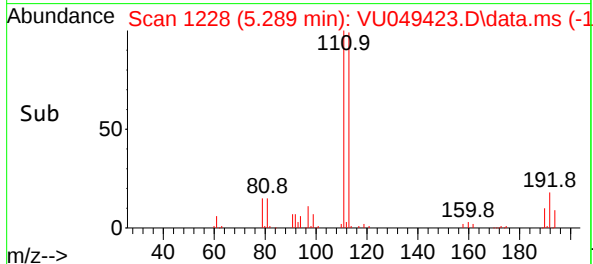
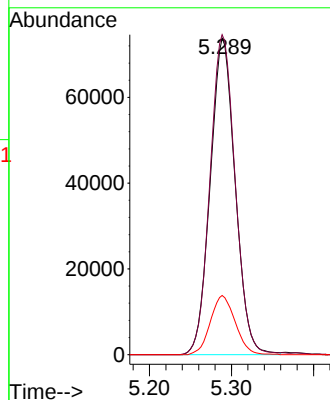
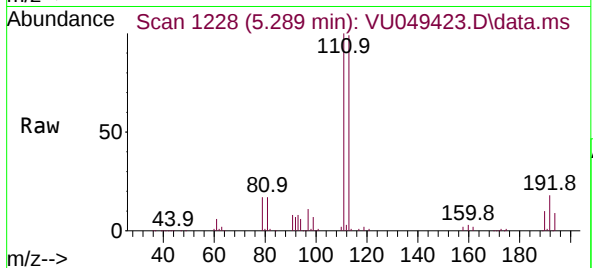
Tgt Ion:113 Resp: 155632

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 18.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 18.631 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

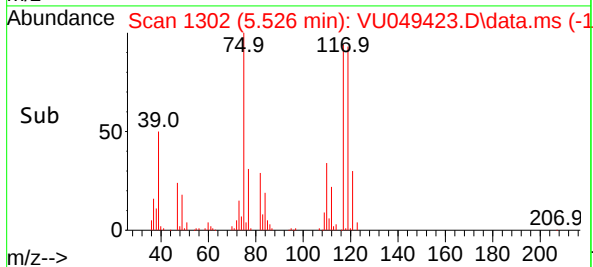
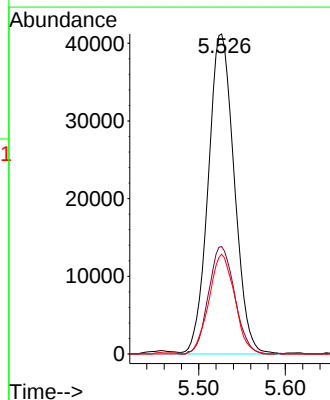
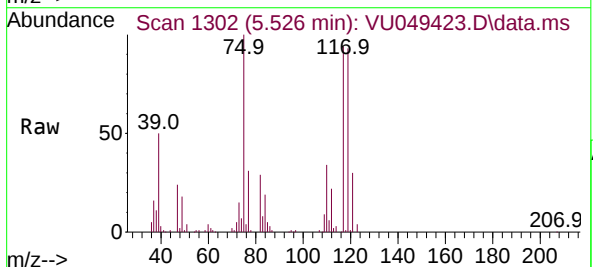
Tgt Ion: 75 Resp: 85872

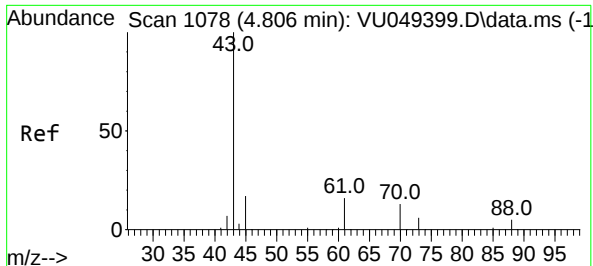
Ion Ratio Lower Upper

75 100

110 33.6 18.4 55.2

77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 18.880 ug/l

RT: 4.803 min Scan# 118912

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

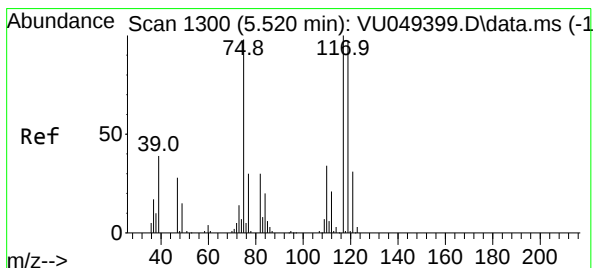
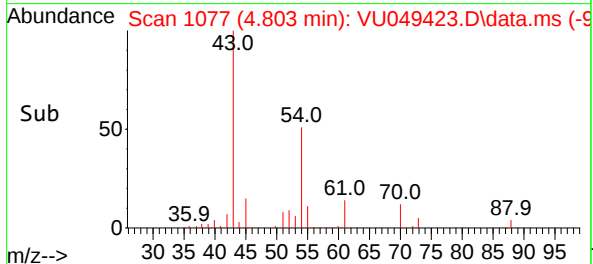
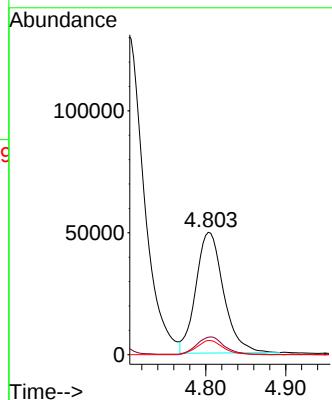
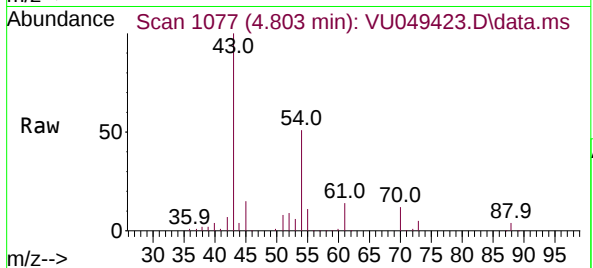
Tgt Ion: 43 Resp: 118912

Ion Ratio Lower Upper

43 100

61 14.0 9.5 14.3

70 11.3 7.5 11.3



#38

Carbon Tetrachloride

Concen: 17.929 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

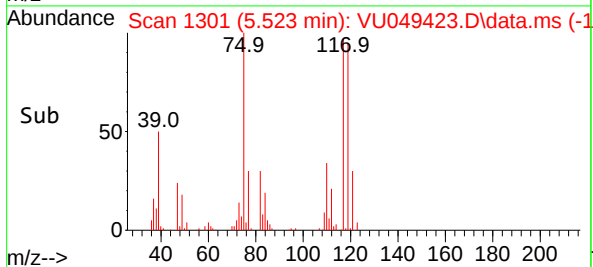
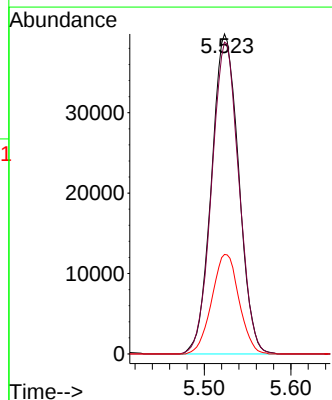
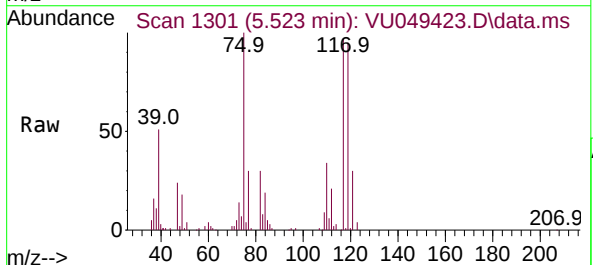
Tgt Ion:117 Resp: 86662

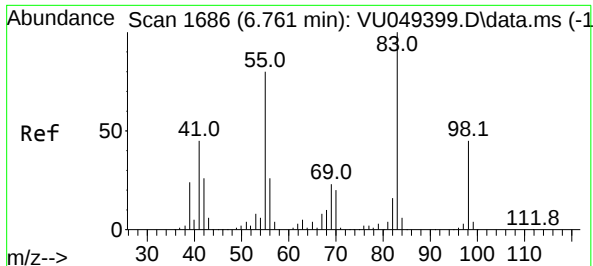
Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2

121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 18.652 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

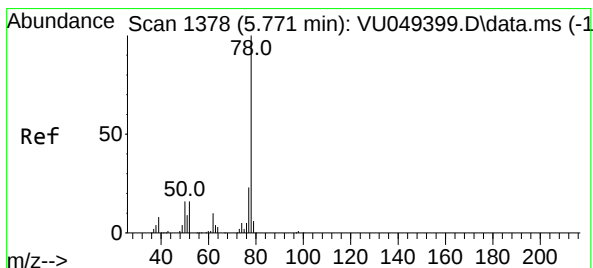
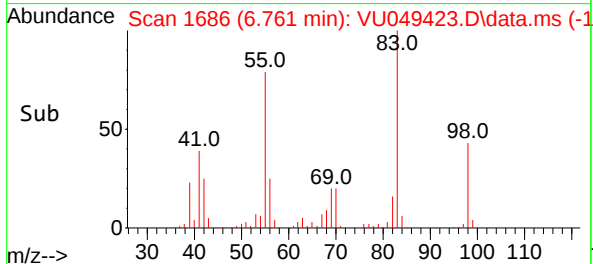
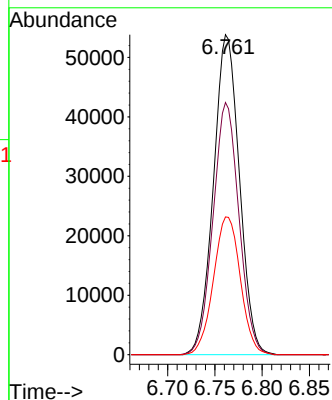
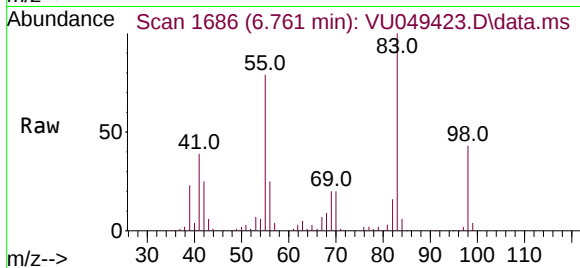
Tgt Ion: 83 Resp: 103043

Ion Ratio Lower Upper

83 100

55 78.8 55.3 82.9

98 43.1 37.3 55.9



#40

Benzene

Concen: 19.154 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049423.D

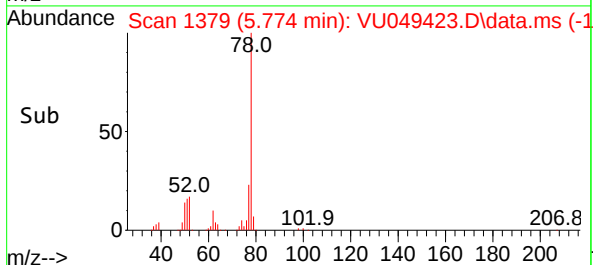
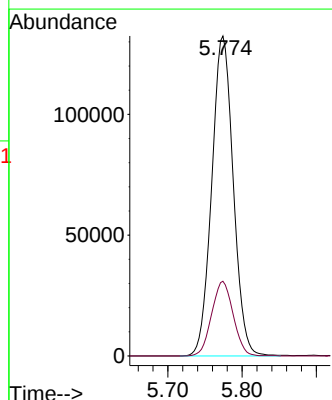
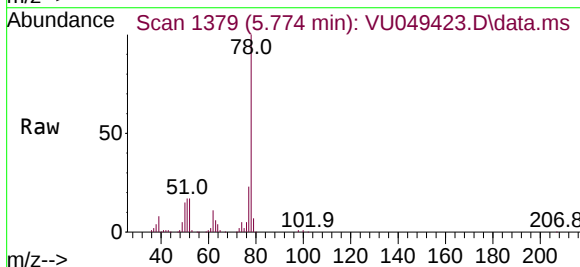
Acq: 27 Jun 2022 23:55

Tgt Ion: 78 Resp: 266538

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

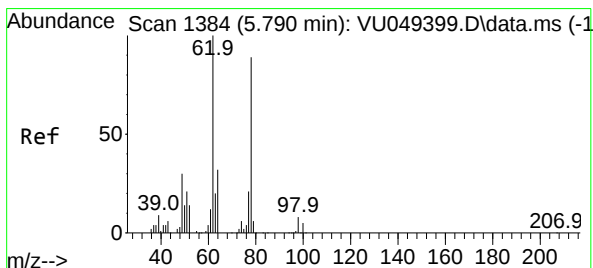
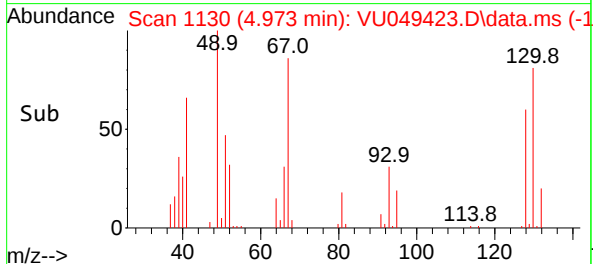
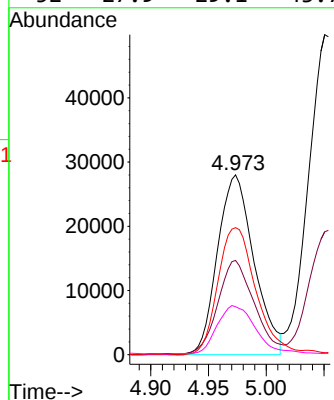
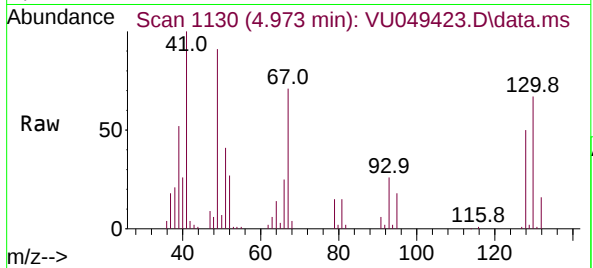




#41  
Methacrylonitrile  
Concen: 19.454 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

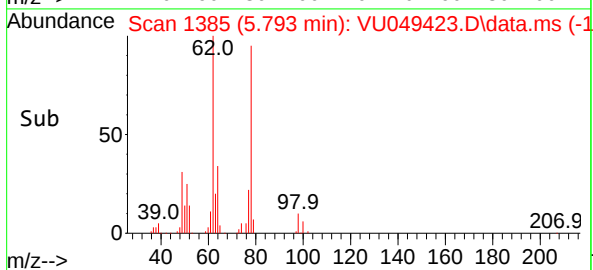
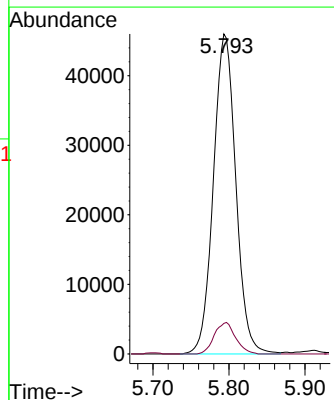
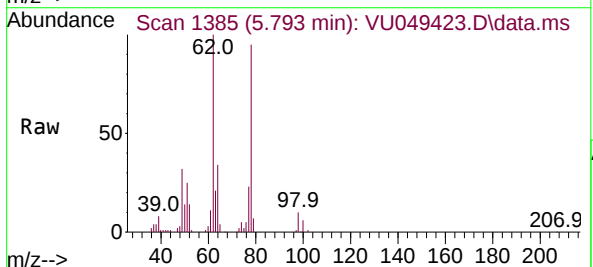
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

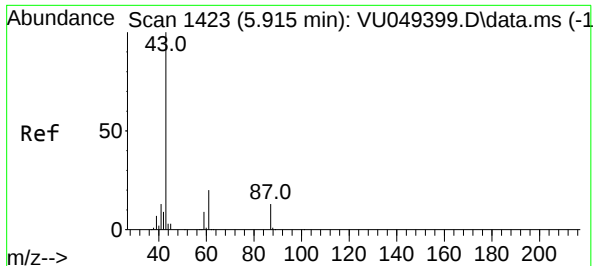
Tgt Ion: 41 Resp: 61394  
Ion Ratio Lower Upper  
41 100  
39 52.8 43.1 64.7  
67 73.8 72.3 108.5  
52 27.9 29.1 43.7#



#42  
1,2-Dichloroethane  
Concen: 18.213 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 62 Resp: 94329  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 18.6

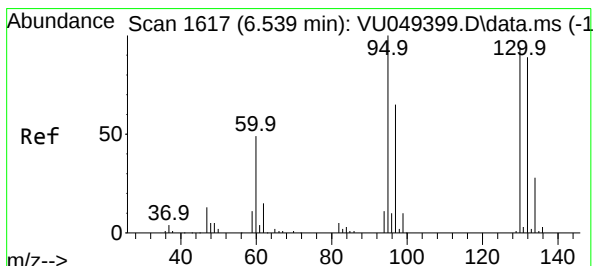
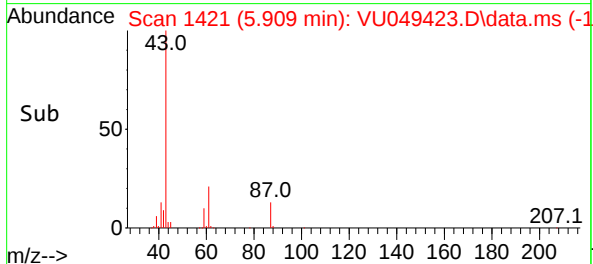
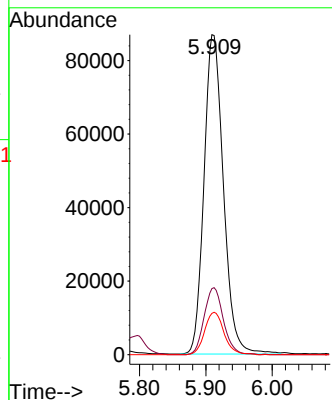
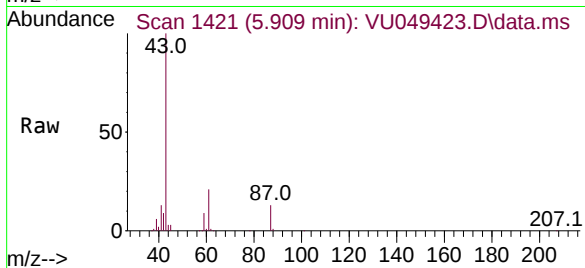




#43  
Isopropyl Acetate  
Concen: 19.165 ug/l  
RT: 5.909 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

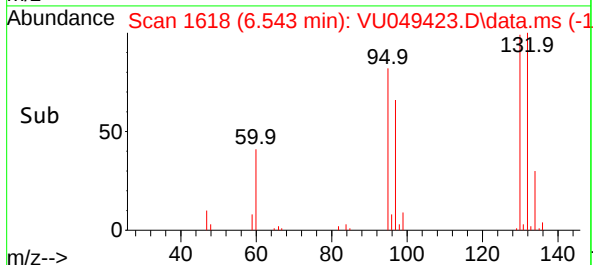
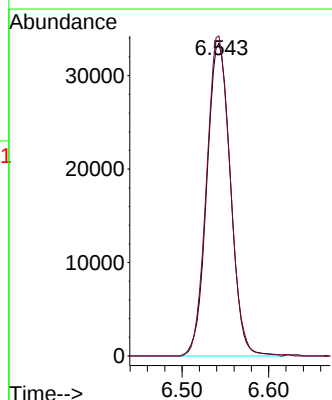
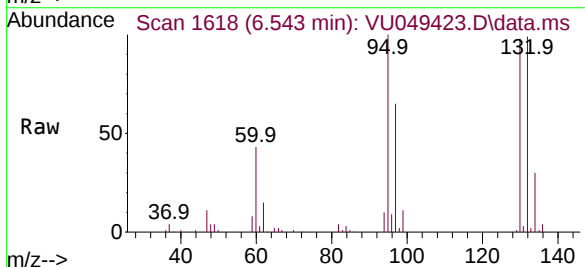
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

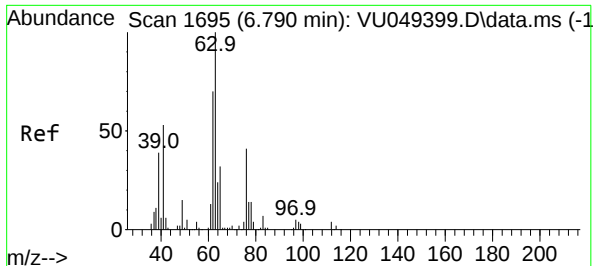
Tgt Ion: 43 Resp: 176868  
Ion Ratio Lower Upper  
43 100  
61 20.8 17.4 26.0  
87 13.2 12.6 18.8



#44  
Trichloroethene  
Concen: 19.171 ug/l  
RT: 6.543 min Scan# 1618  
Delta R.T. 0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:130 Resp: 63419  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 18.936 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

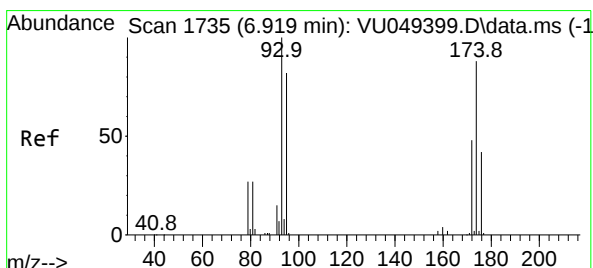
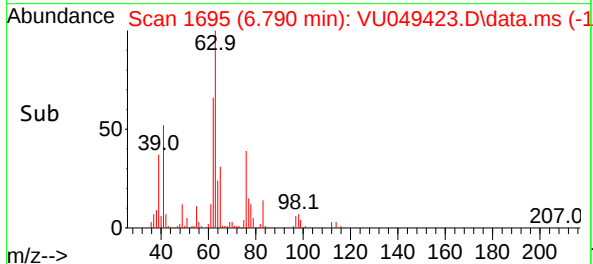
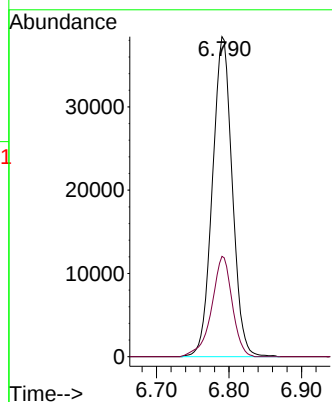
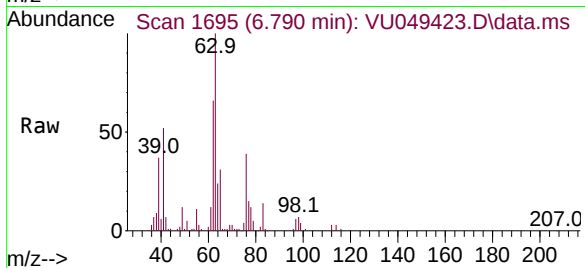
VU0627WBSD02

Tgt Ion: 63 Resp: 73014

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 19.041 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

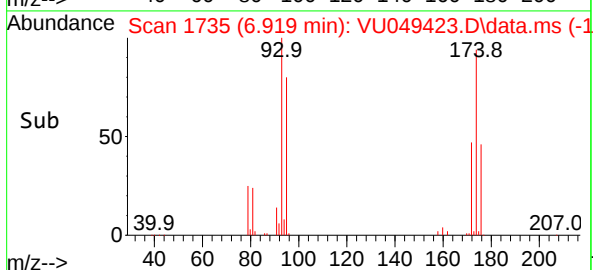
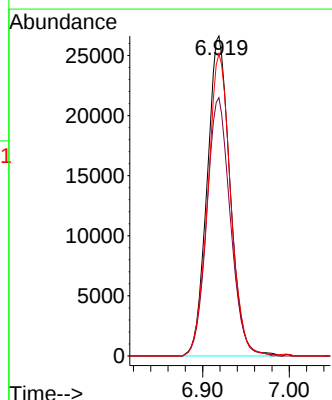
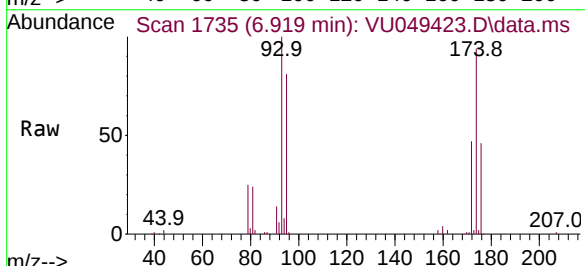
Tgt Ion: 93 Resp: 48950

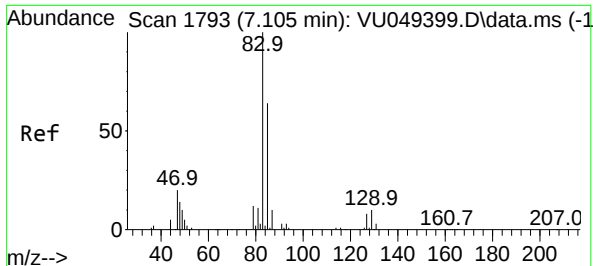
Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

174 94.2 88.2 132.4

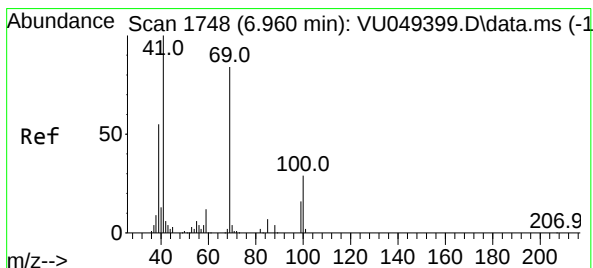
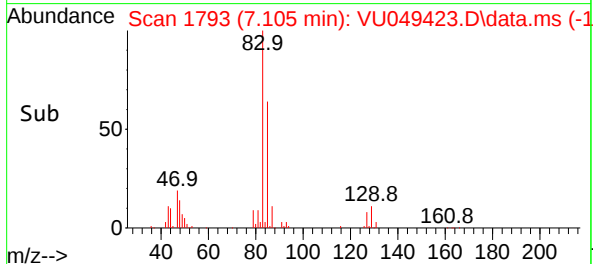
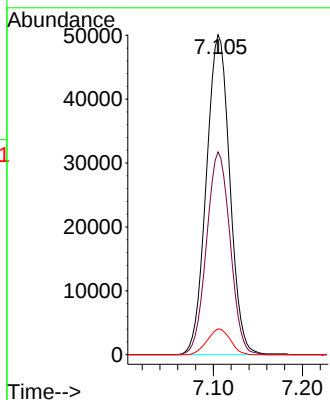
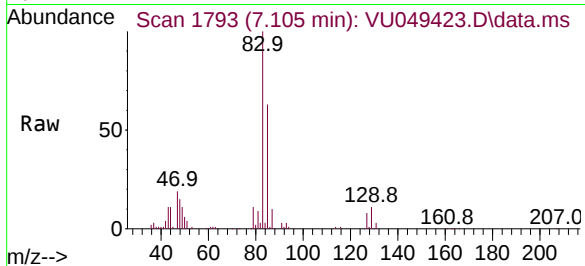




#47  
Bromodichloromethane  
Concen: 18.498 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

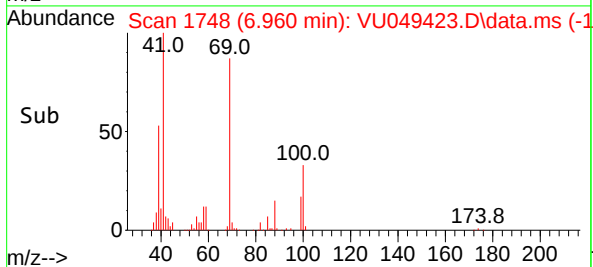
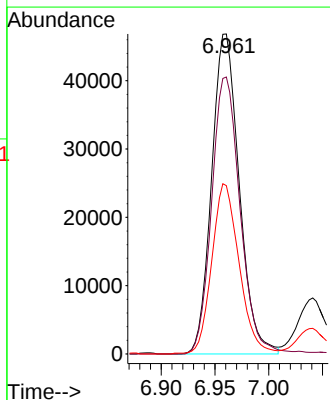
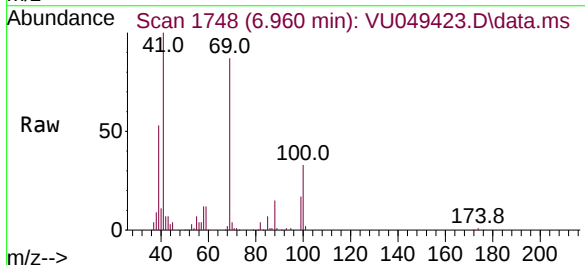
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

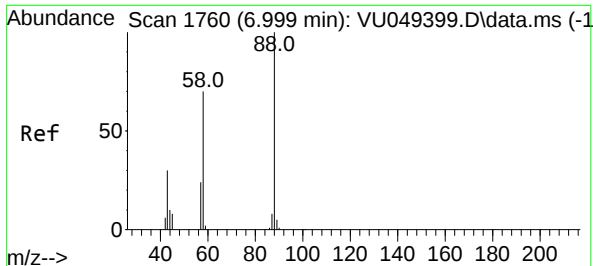
Tgt Ion: 83 Resp: 91526  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.4 77.2  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.349 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 41 Resp: 83680  
Ion Ratio Lower Upper  
41 100  
69 89.4 79.8 119.6  
39 52.7 47.9 71.9





#49

1,4-Dioxane

Concen: 444.528 ug/l

RT: 6.980 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

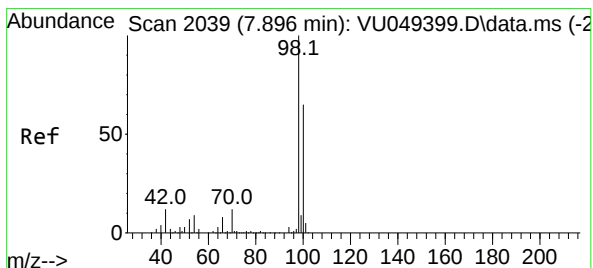
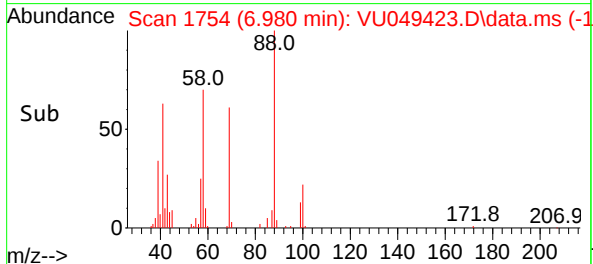
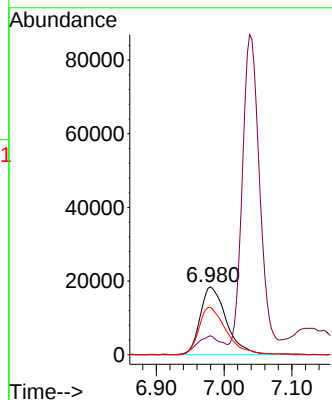
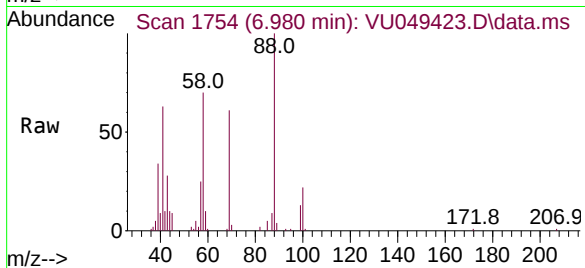
Tgt Ion: 88 Resp: 49254

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 73.4 15.4 23.0#



#50

Toluene-d8

Concen: 49.476 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049423.D

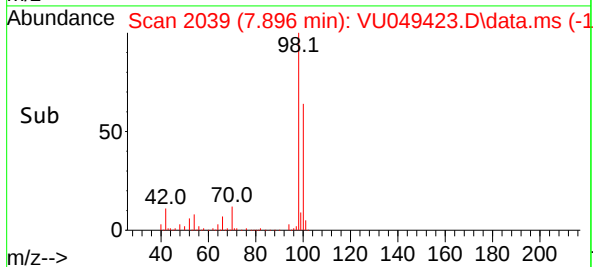
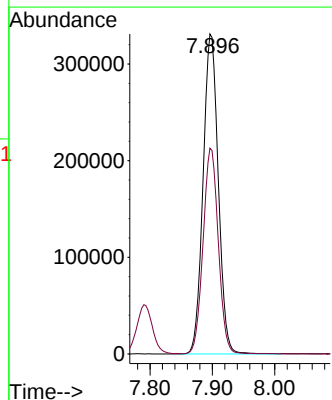
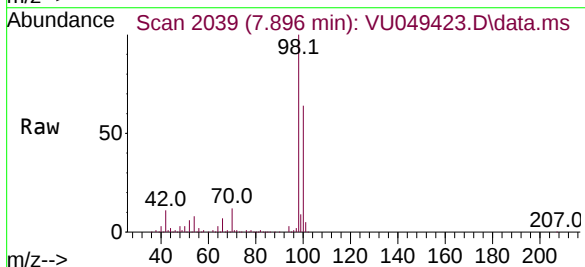
Acq: 27 Jun 2022 23:55

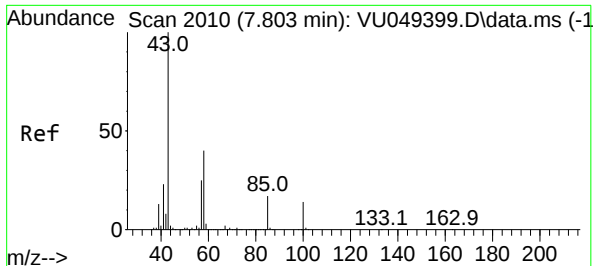
Tgt Ion: 98 Resp: 560935

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 96.856 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

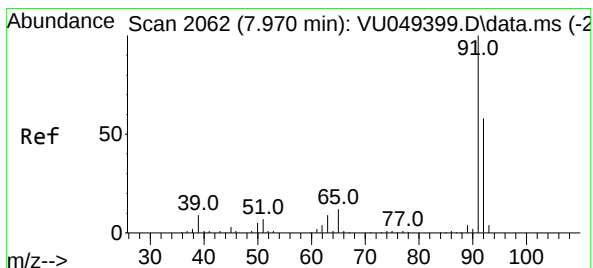
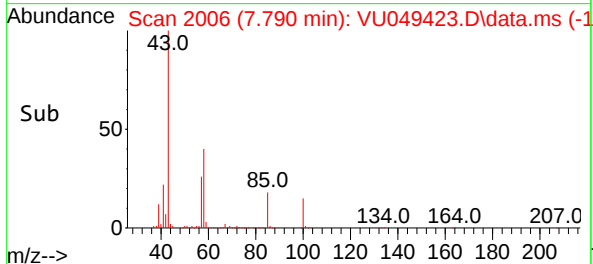
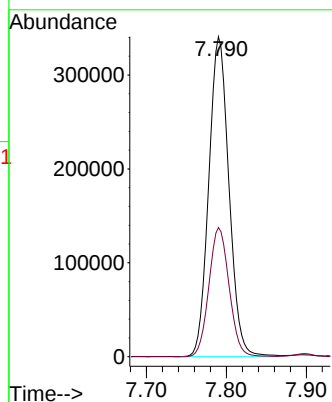
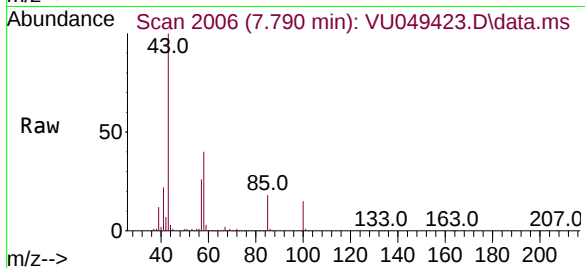
VU0627WBSD02

Tgt Ion: 43 Resp: 598204

Ion Ratio Lower Upper

43 100

58 40.5 34.7 52.1



#52

Toluene

Concen: 19.412 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049423.D

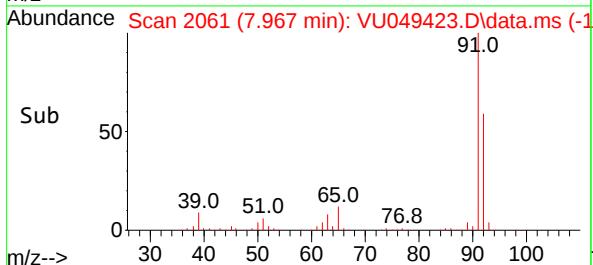
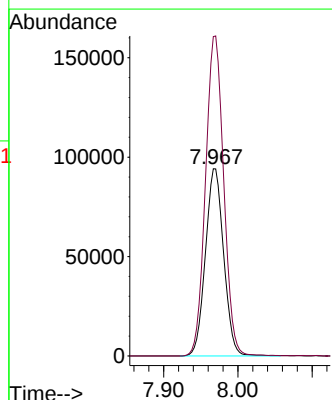
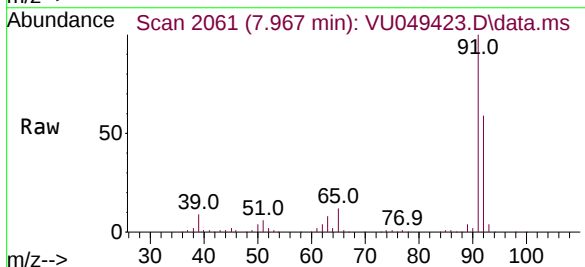
Acq: 27 Jun 2022 23:55

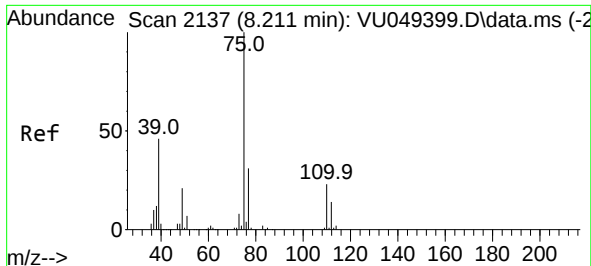
Tgt Ion: 92 Resp: 160554

Ion Ratio Lower Upper

92 100

91 170.8 138.2 207.4

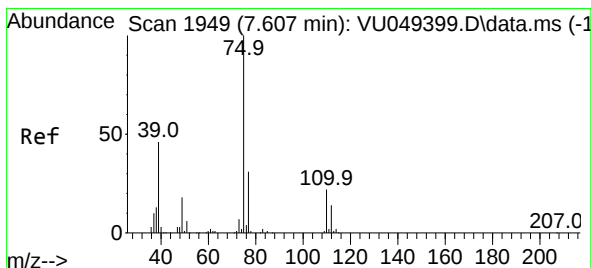
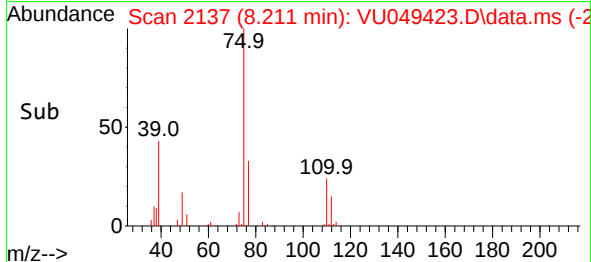
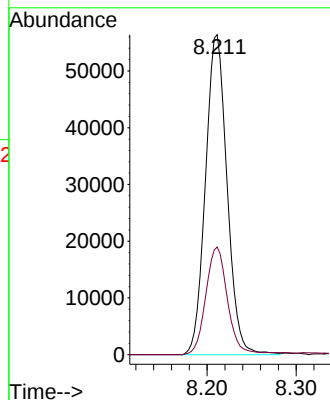
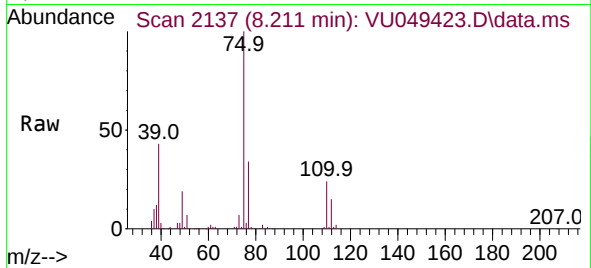




#53  
 t-1,3-Dichloropropene  
 Concen: 17.867 ug/l  
 RT: 8.211 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

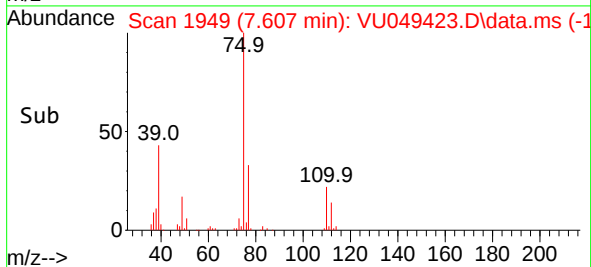
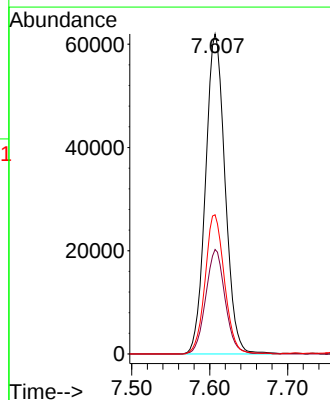
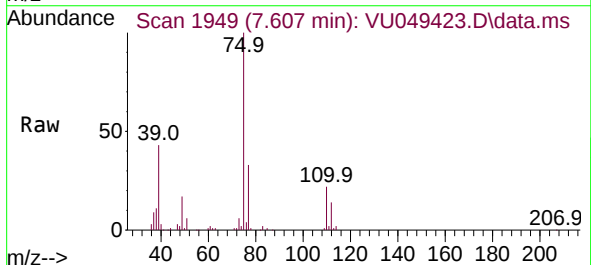
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

Tgt Ion: 75 Resp: 94831  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.051 ug/l  
 RT: 7.607 min Scan# 1949  
 Delta R.T. 0.000 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion: 75 Resp: 107964  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.7 38.5  
 39 43.5 33.0 49.6

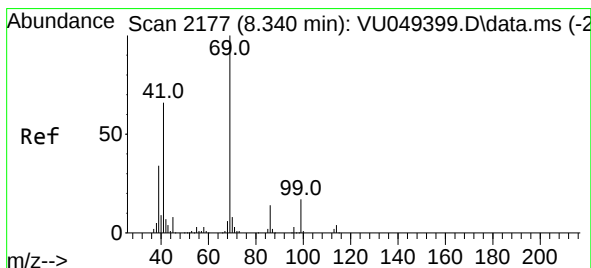
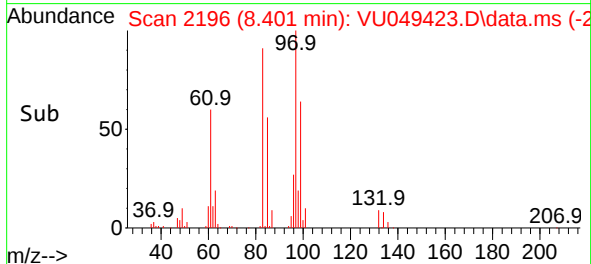
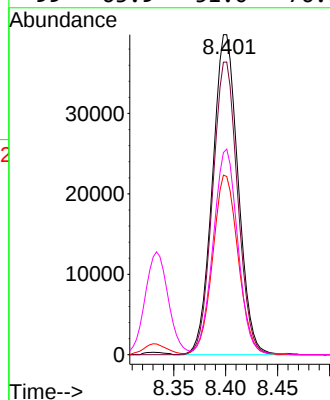
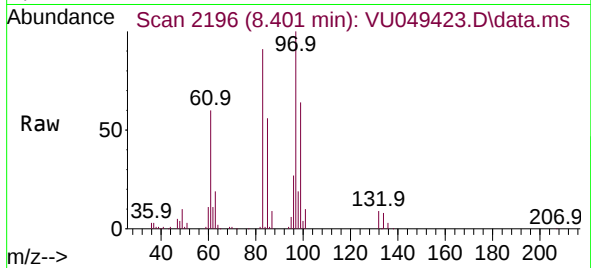




#55  
 1,1,2-Trichloroethane  
 Concen: 20.006 ug/l  
 RT: 8.401 min Scan# 2197  
 Delta R.T. -0.003 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

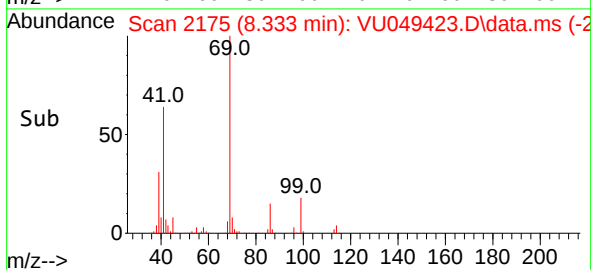
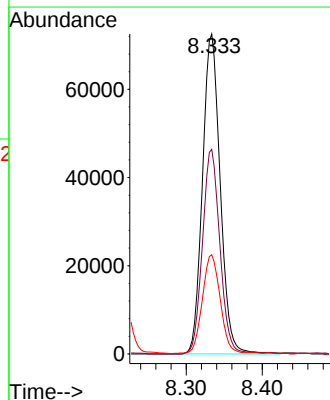
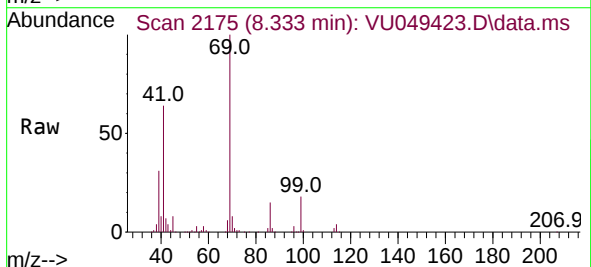
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

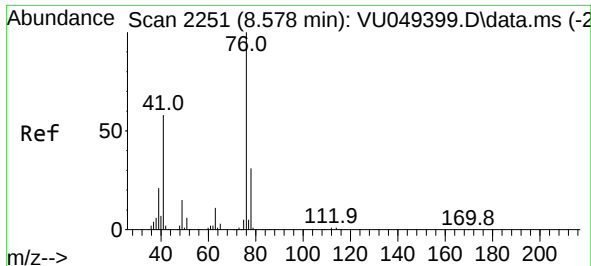
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68413 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.5  | 70.2  | 105.4 |
| 85       | 55.7  | 44.6  | 66.8  |
| 99       | 63.9  | 51.0  | 76.6  |



#56  
 Ethyl methacrylate  
 Concen: 20.519 ug/l  
 RT: 8.333 min Scan# 2175  
 Delta R.T. -0.006 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 117357 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.0  | 45.4  | 68.0   |
| 39       | 30.9  | 25.7  | 38.5   |





#57

1,3-Dichloropropane

Concen: 19.248 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

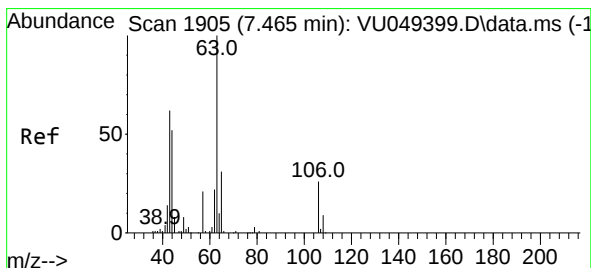
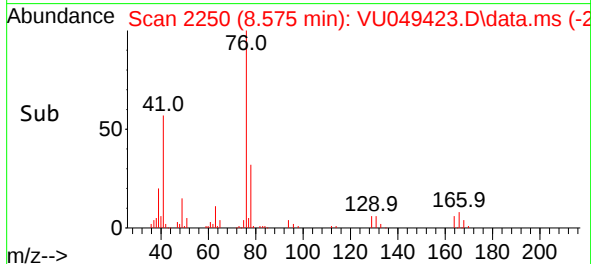
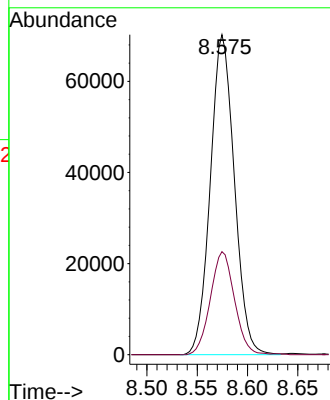
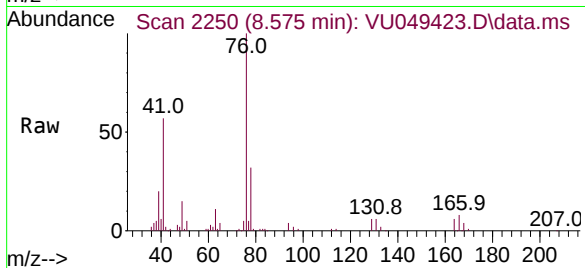
VU0627WBSD02

Tgt Ion: 76 Resp: 116761

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 119.165 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049423.D

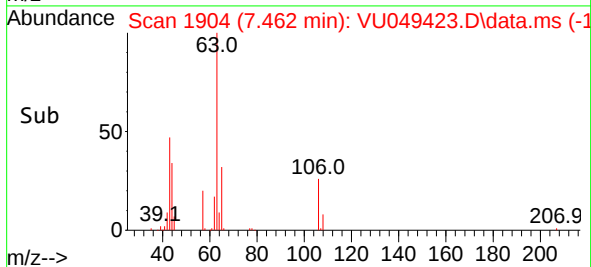
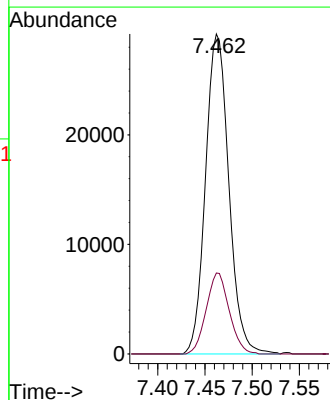
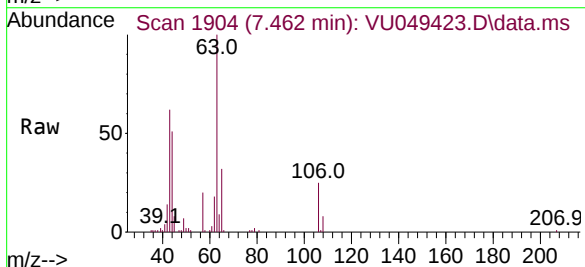
Acq: 27 Jun 2022 23:55

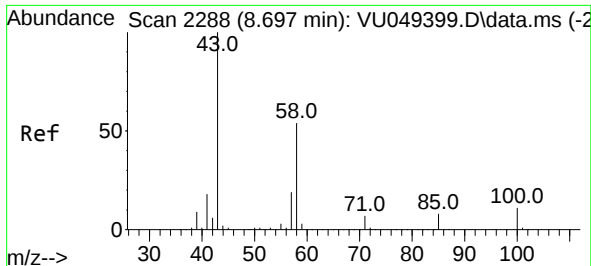
Tgt Ion: 63 Resp: 50071

Ion Ratio Lower Upper

63 100

106 25.0 23.1 34.7

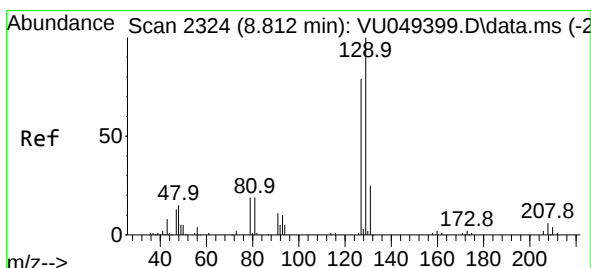
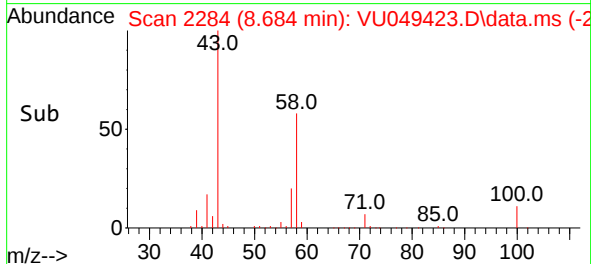
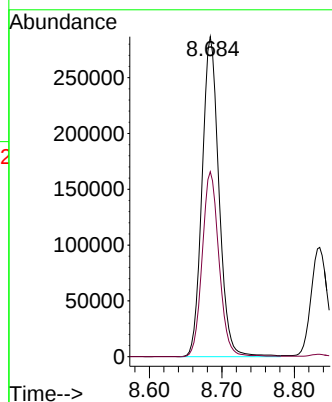
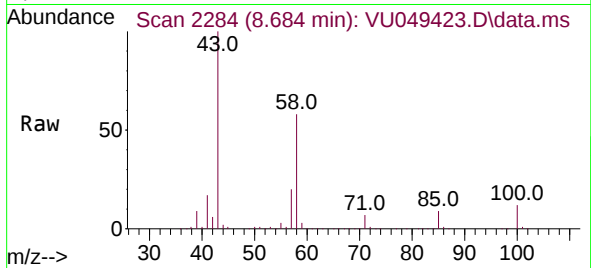




#59  
2-Hexanone  
Concen: 95.532 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

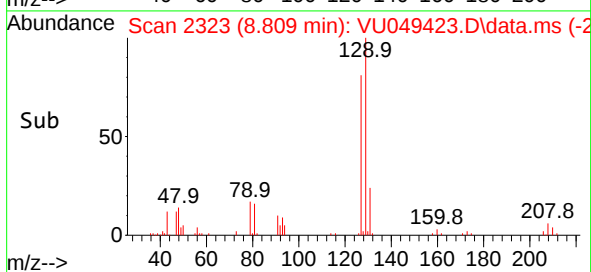
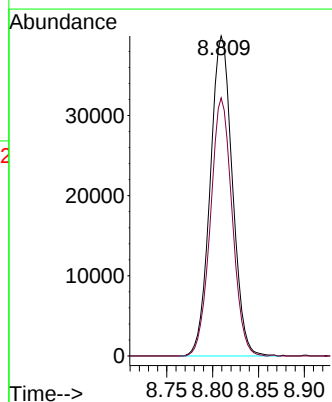
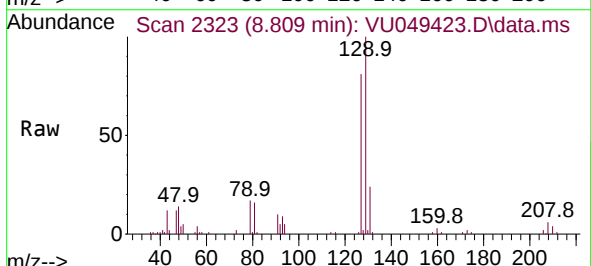
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

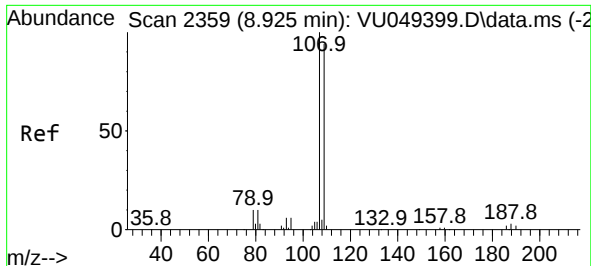
Tgt Ion: 43 Resp: 463991  
Ion Ratio Lower Upper  
43 100  
58 57.2 30.3 90.8



#60  
Dibromochloromethane  
Concen: 18.924 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 129 Resp: 67293  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.6 116.0

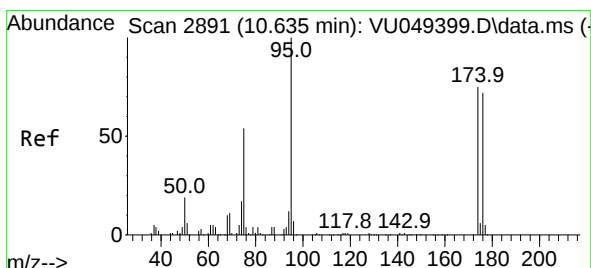
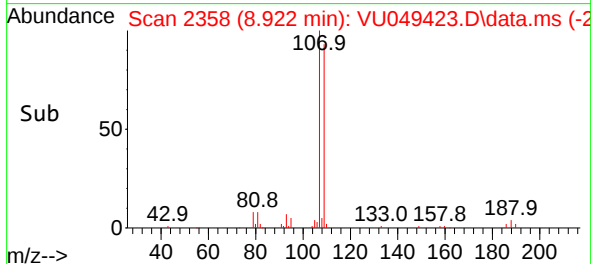
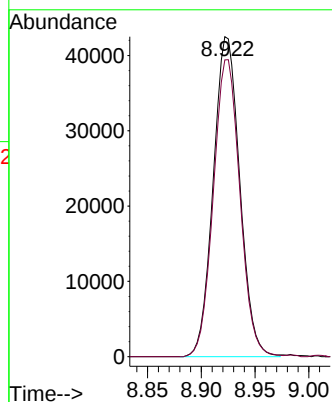
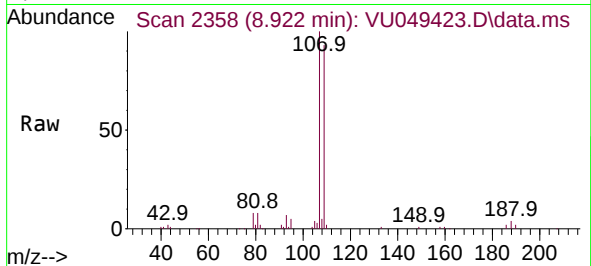




#61  
1,2-Dibromoethane  
Concen: 19.537 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

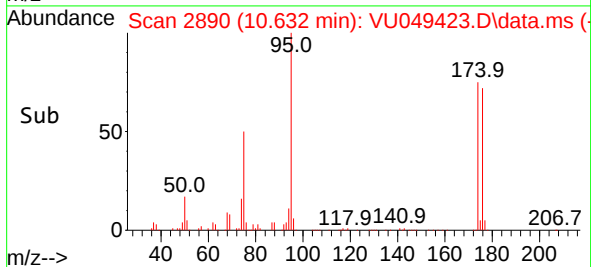
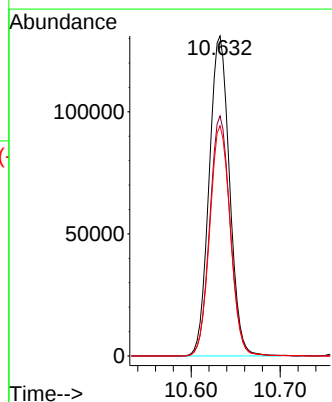
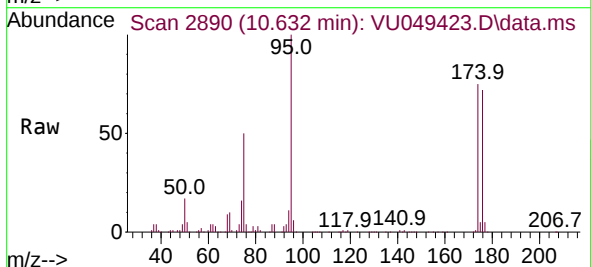
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

Tgt Ion:107 Resp: 72804  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 48.003 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 95 Resp: 208477  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 182.0  
176 72.3 0.0 177.8

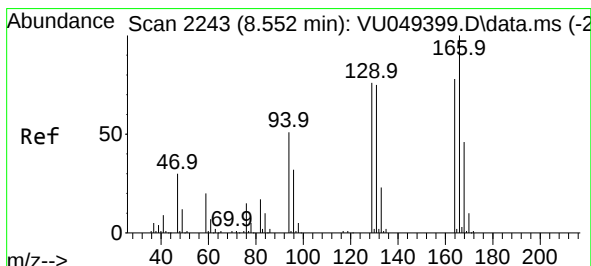
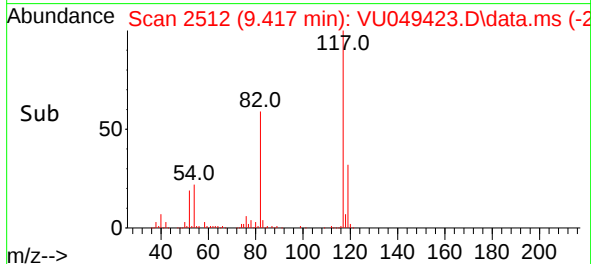
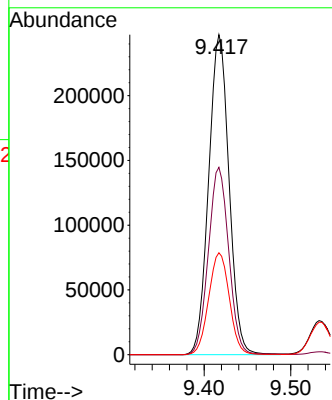
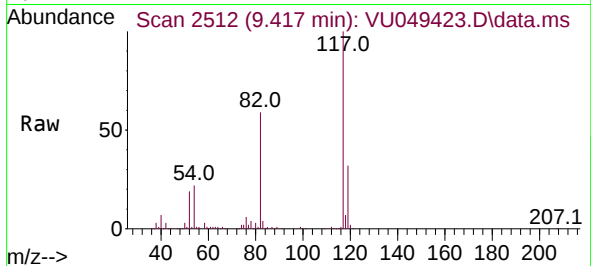




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

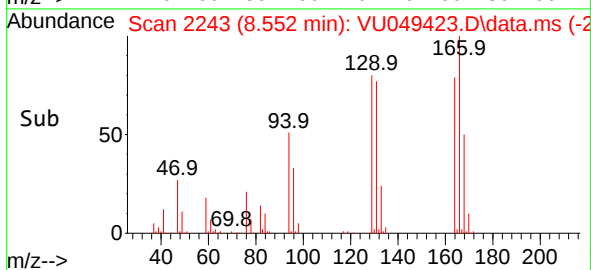
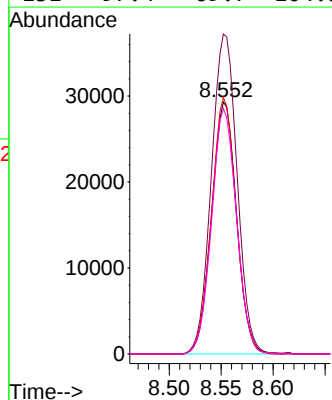
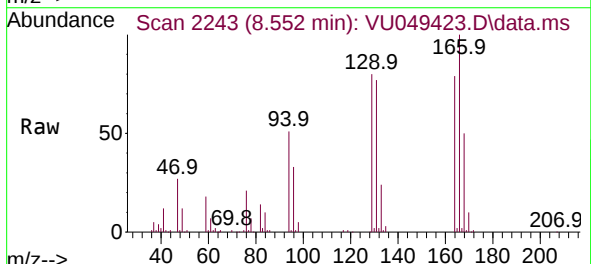
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

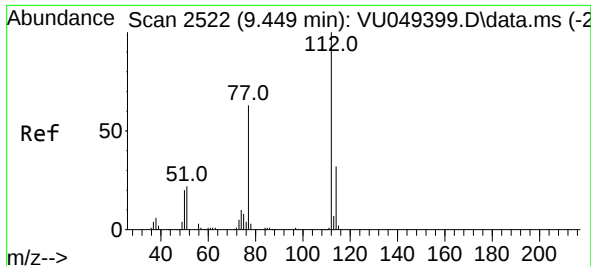
Tgt Ion:117 Resp: 403559  
Ion Ratio Lower Upper  
117 100  
82 58.6 41.7 62.5  
119 31.8 25.7 38.5



#64  
Tetrachloroethene  
Concen: 19.035 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:164 Resp: 49270  
Ion Ratio Lower Upper  
164 100  
166 127.0 100.0 150.0  
129 101.7 72.0 108.0  
131 97.4 69.7 104.5

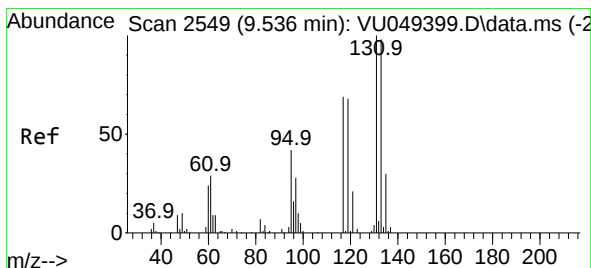
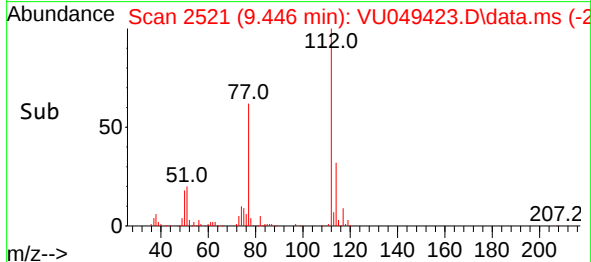
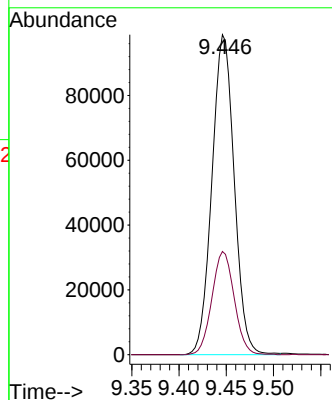
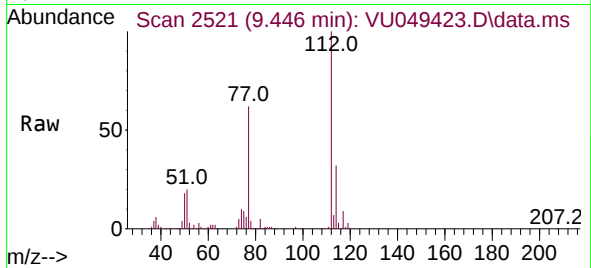




#65  
Chlorobenzene  
Concen: 19.646 ug/l  
RT: 9.446 min Scan# 2522  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

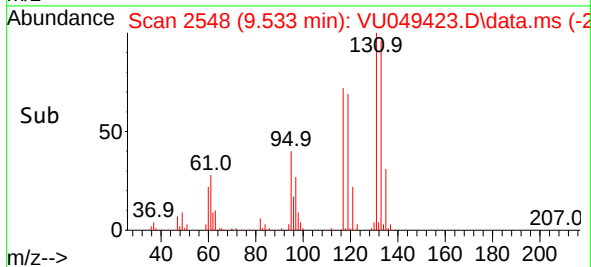
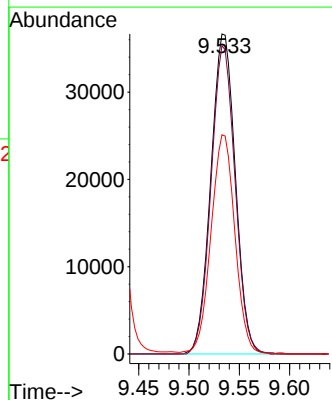
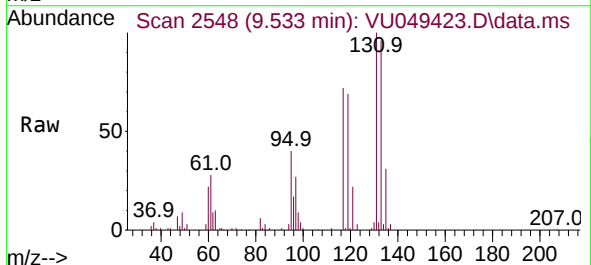
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

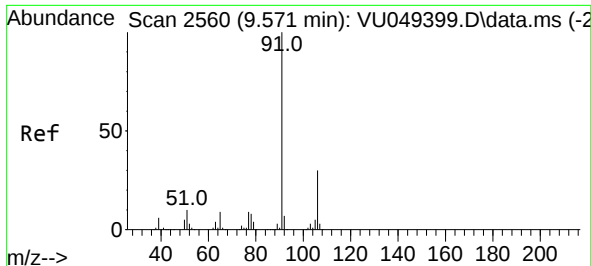
Tgt Ion:112 Resp: 162088  
Ion Ratio Lower Upper  
112 100  
114 32.3 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.962 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:131 Resp: 62128  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.4 145.0  
119 66.9 33.9 101.6

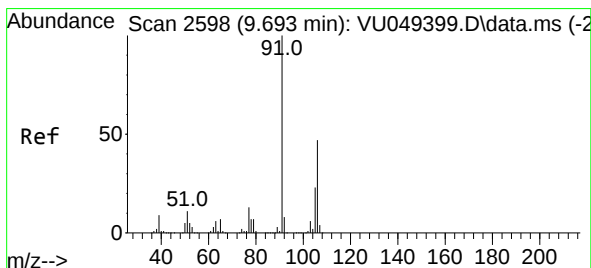
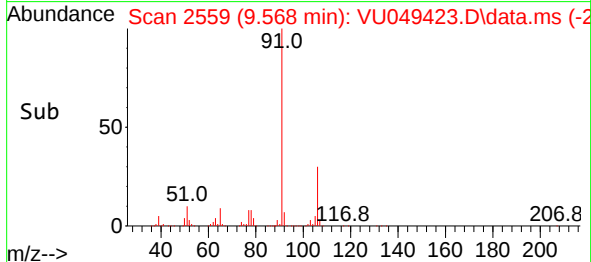
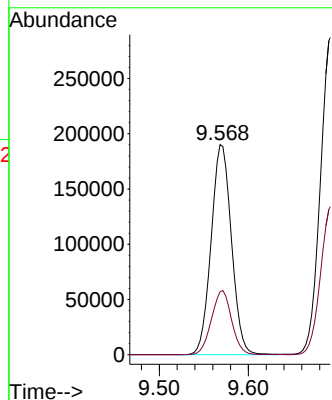
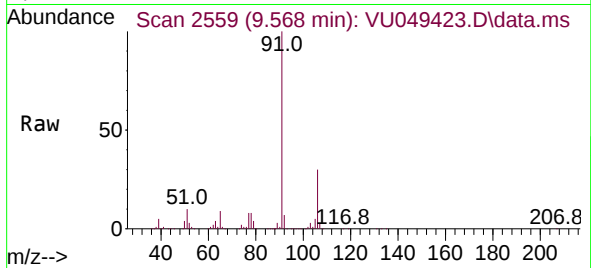




#67  
Ethyl Benzene  
Concen: 19.862 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

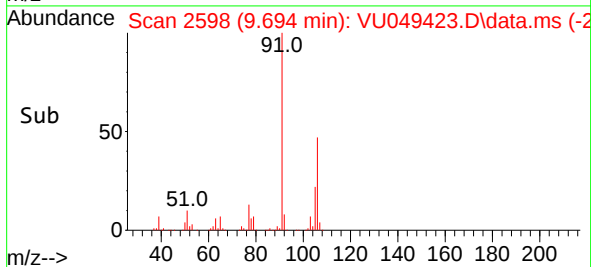
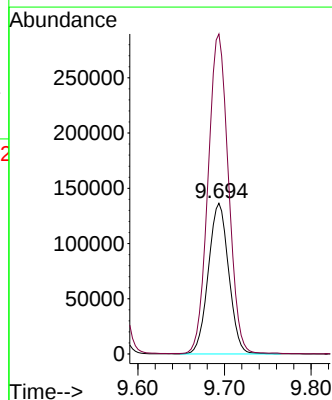
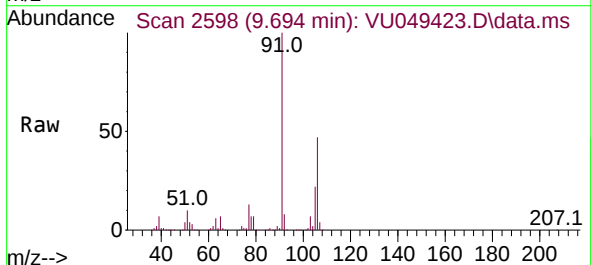
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

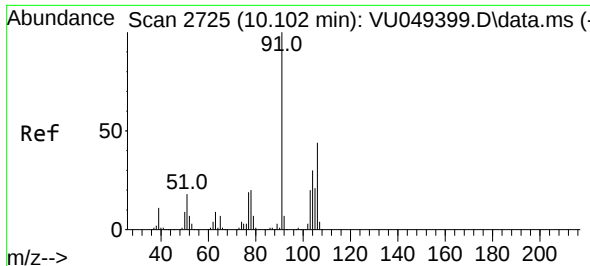
Tgt Ion: 91 Resp: 300831  
Ion Ratio Lower Upper  
91 100  
106 29.9 25.6 38.4



#68  
m/p-Xylenes  
Concen: 39.793 ug/l  
RT: 9.694 min Scan# 2598  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 106 Resp: 223006  
Ion Ratio Lower Upper  
106 100  
91 211.7 157.2 235.8

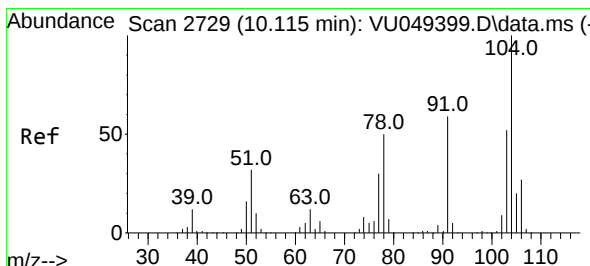
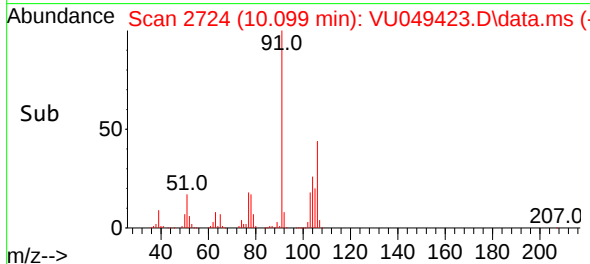
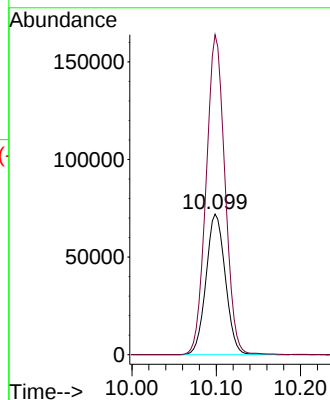
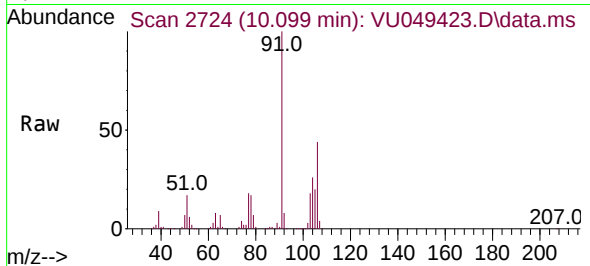




#69  
o-Xylene  
Concen: 20.650 ug/l  
RT: 10.099 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

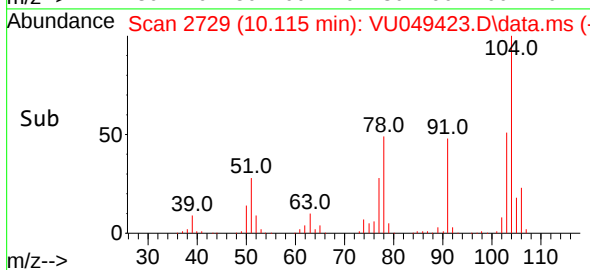
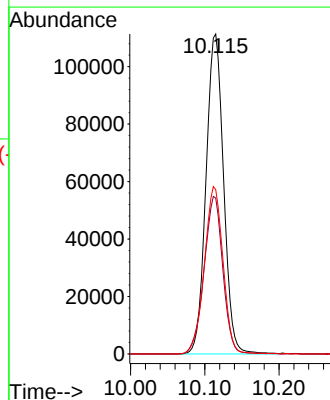
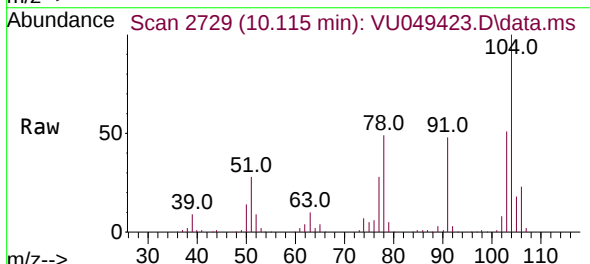
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

Tgt Ion:106 Resp: 114889  
Ion Ratio Lower Upper  
106 100  
91 222.4 103.5 310.5



#70  
Styrene  
Concen: 20.471 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:104 Resp: 183001  
Ion Ratio Lower Upper  
104 100  
78 52.5 38.0 57.0  
103 55.6 43.9 65.9





#71

Bromoform

Concen: 19.165 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

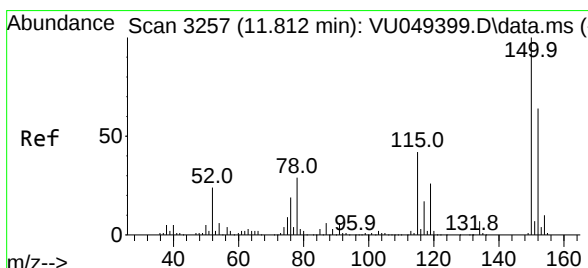
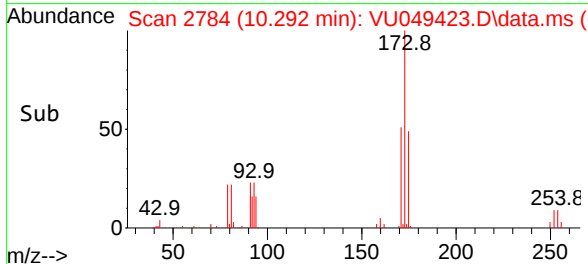
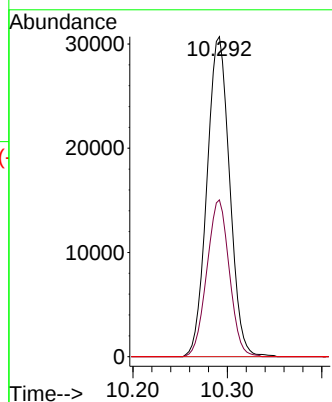
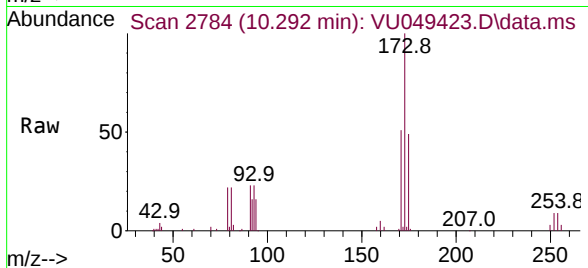
Tgt Ion:173 Resp: 51157

Ion Ratio Lower Upper

173 100

175 48.5 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: VU049423.D

Acq: 27 Jun 2022 23:55

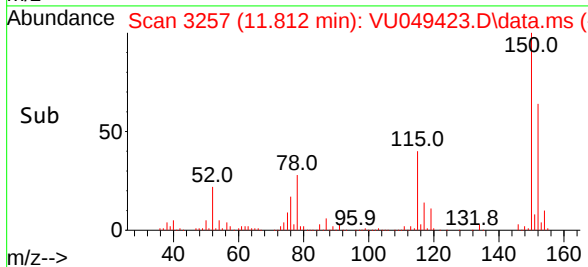
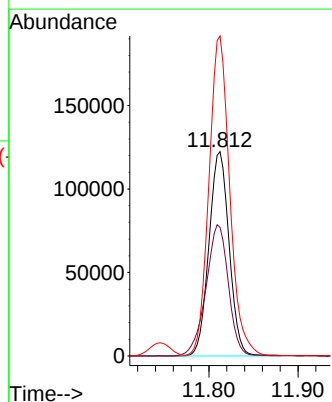
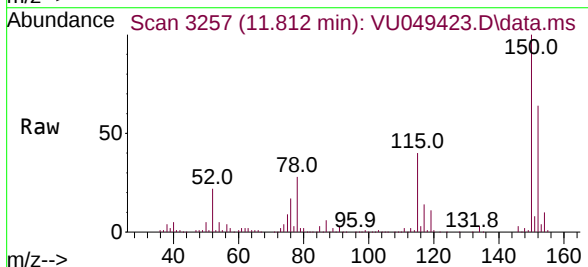
Tgt Ion:152 Resp: 191998

Ion Ratio Lower Upper

152 100

115 71.5 37.0 110.9

150 161.3 0.0 342.2

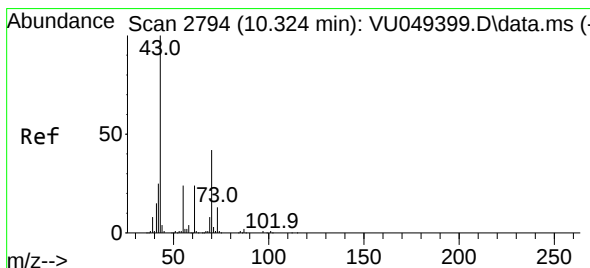
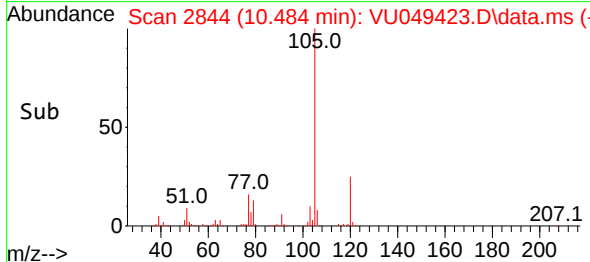
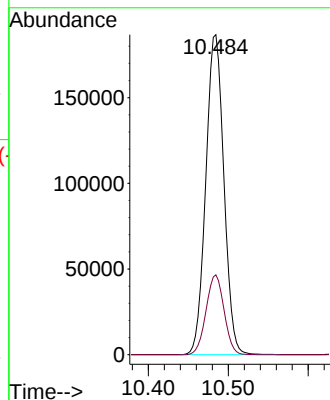
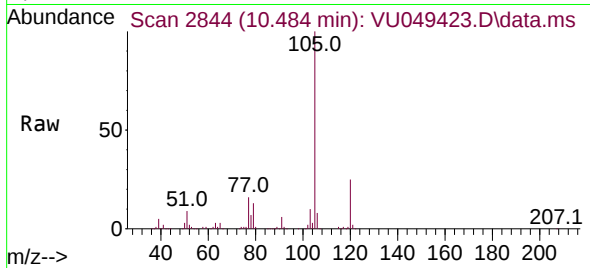




#73  
Isopropylbenzene  
Concen: 21.489 ug/l  
RT: 10.484 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

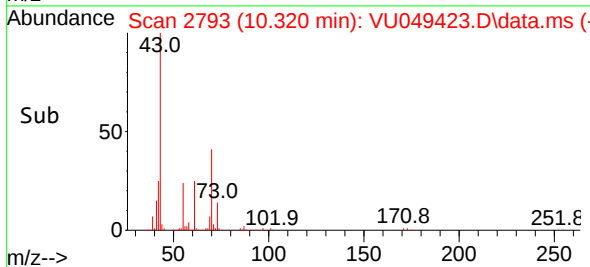
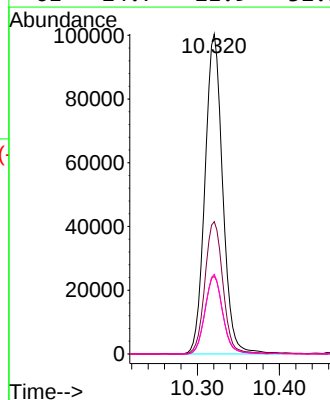
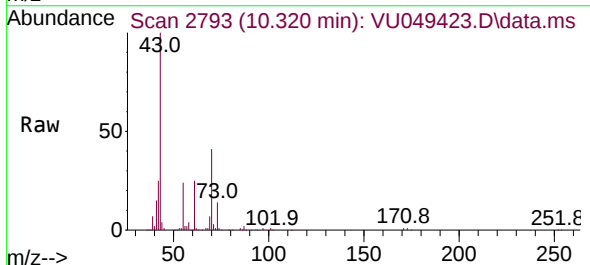
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

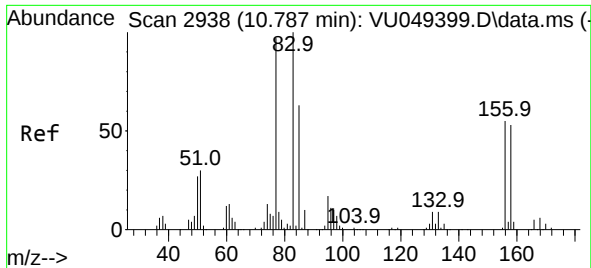
Tgt Ion:105 Resp: 293912  
Ion Ratio Lower Upper  
105 100  
120 24.8 13.8 41.4



#74  
N-ethyl acetate  
Concen: 20.822 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 43 Resp: 150724  
Ion Ratio Lower Upper  
43 100  
70 42.1 38.7 58.1  
55 24.5 21.8 32.8  
61 24.7 21.9 32.9

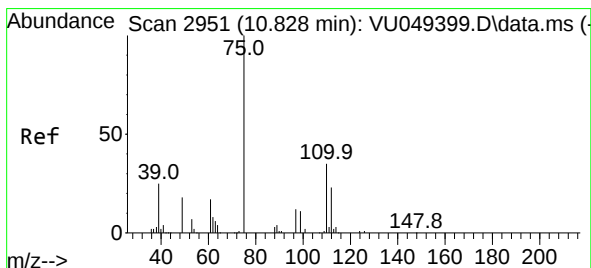
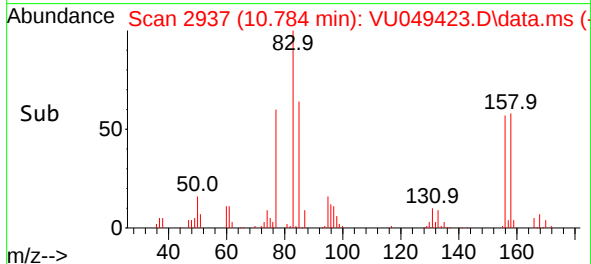
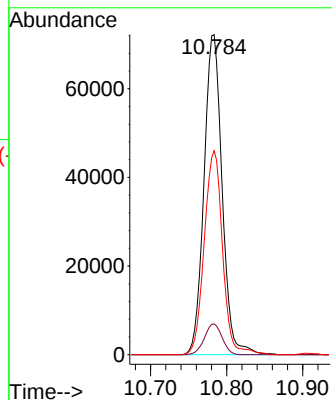
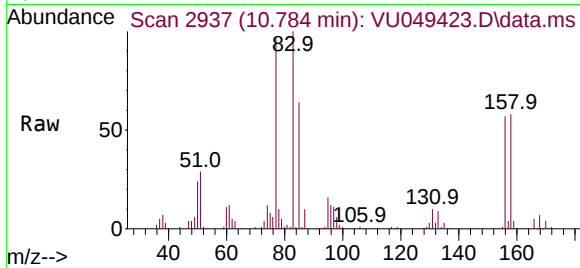




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.673 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

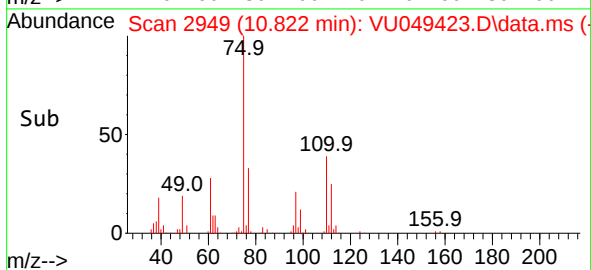
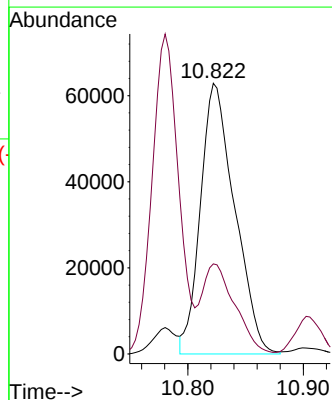
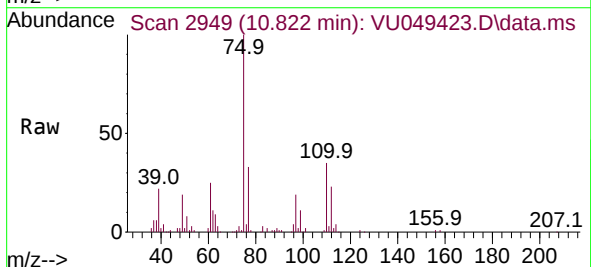
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

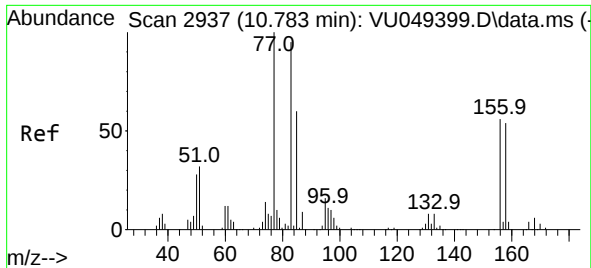
Tgt Ion: 83 Resp: 119771  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.4  
85 64.3 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 19.919 ug/l  
RT: 10.822 min Scan# 2949  
Delta R.T. -0.006 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 75 Resp: 129642  
Ion Ratio Lower Upper  
75 100  
77 32.0 15.8 47.3

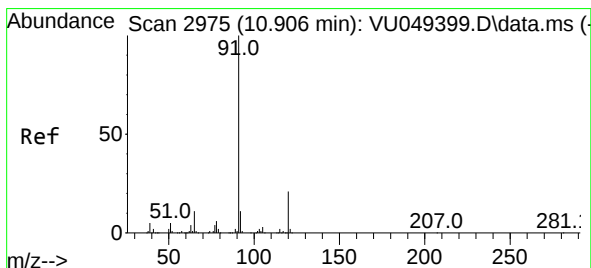
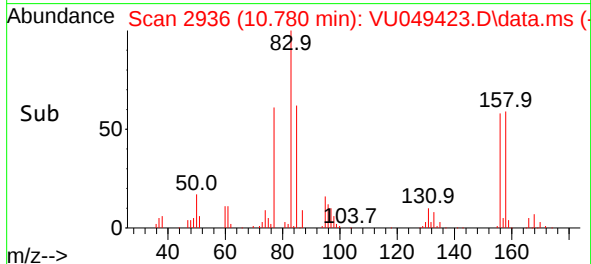
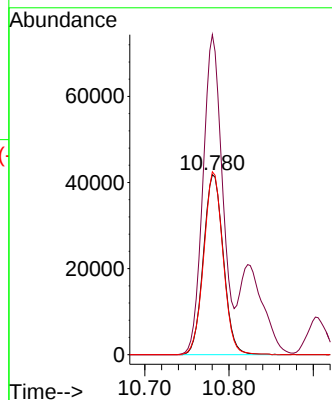
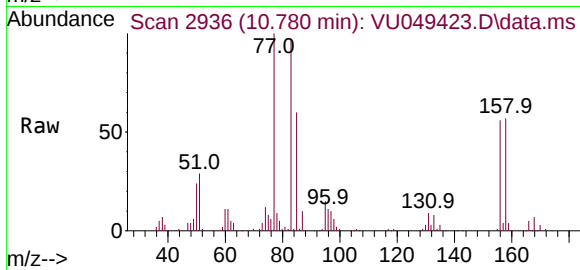




#77  
Bromobenzene  
Concen: 20.606 ug/l  
RT: 10.780 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

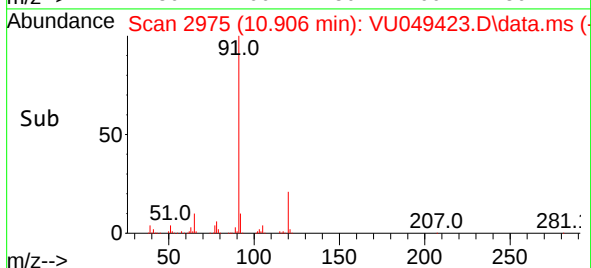
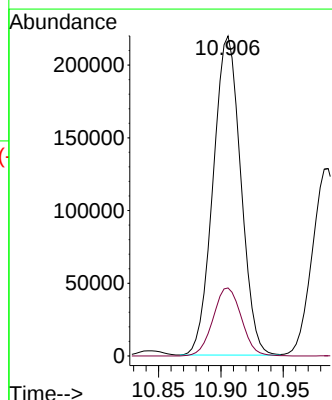
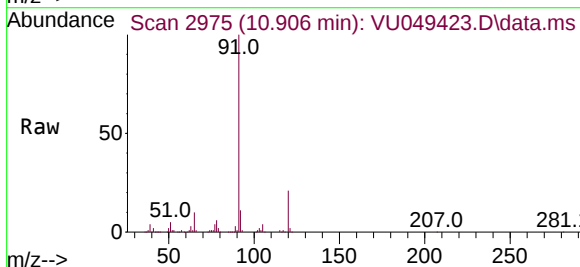
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

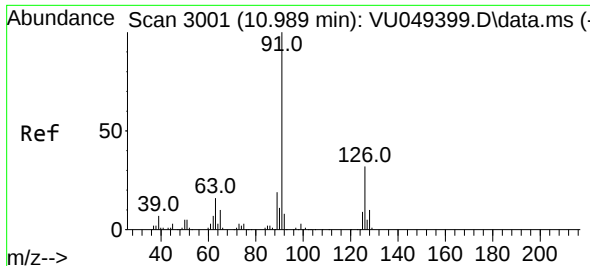
Tgt Ion:156 Resp: 68792  
Ion Ratio Lower Upper  
156 100  
77 173.0 71.9 215.6  
158 98.7 48.9 146.8



#78  
n-propylbenzene  
Concen: 20.395 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 91 Resp: 338960  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.9 35.5

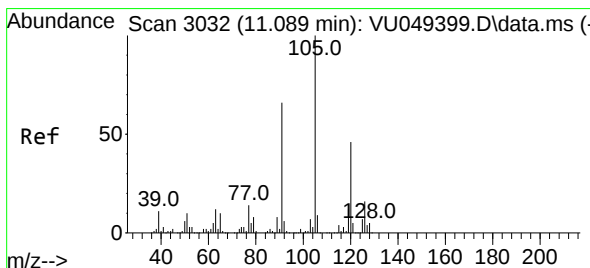
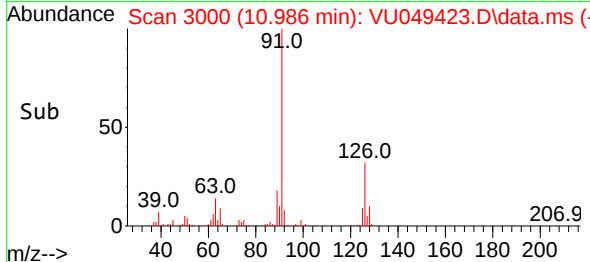
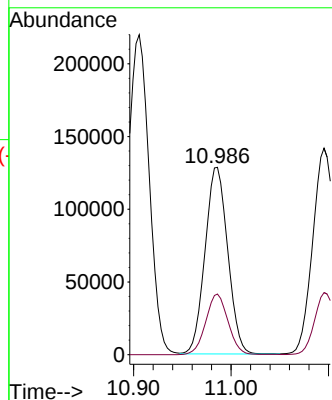
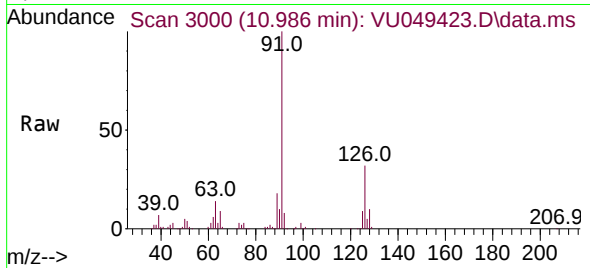




#79  
2-Chlorotoluene  
Concen: 20.301 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

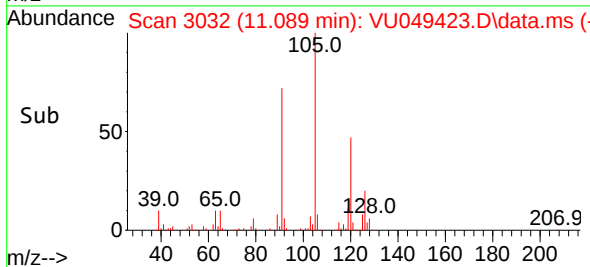
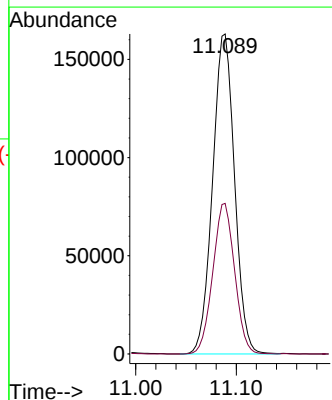
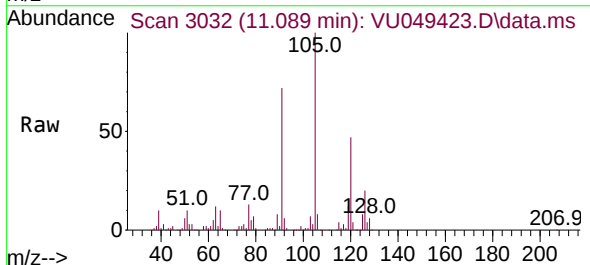
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

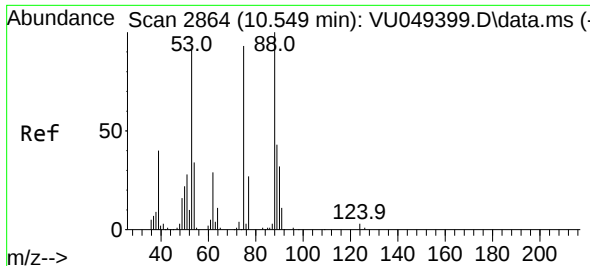
Tgt Ion: 91 Resp: 207868  
Ion Ratio Lower Upper  
91 100  
126 31.9 18.4 55.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.708 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:105 Resp: 247259  
Ion Ratio Lower Upper  
105 100  
120 46.7 25.3 75.9

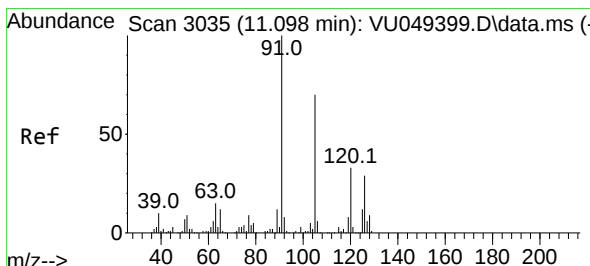
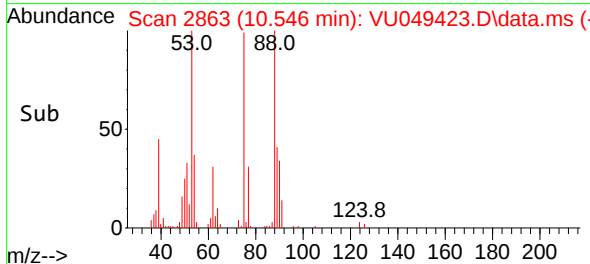
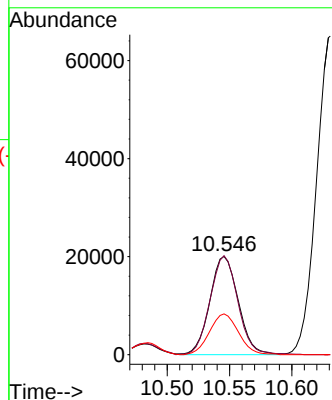
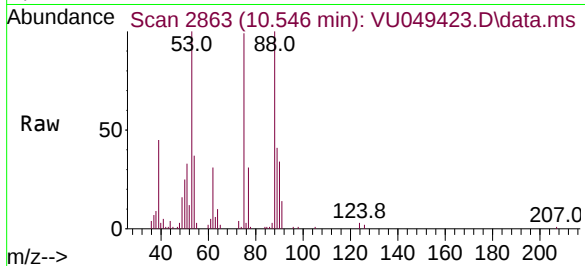




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.072 ug/l  
RT: 10.546 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

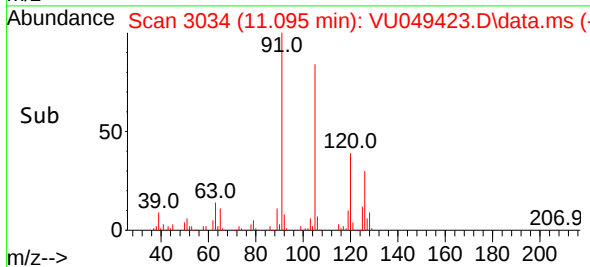
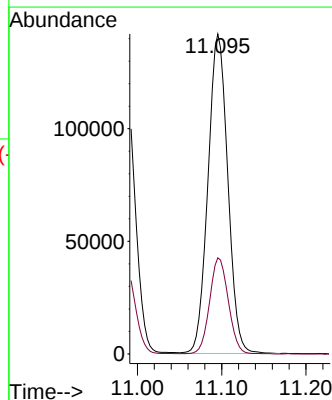
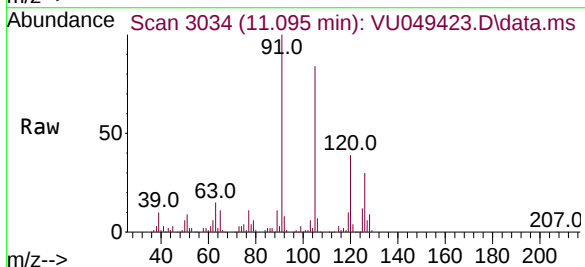
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

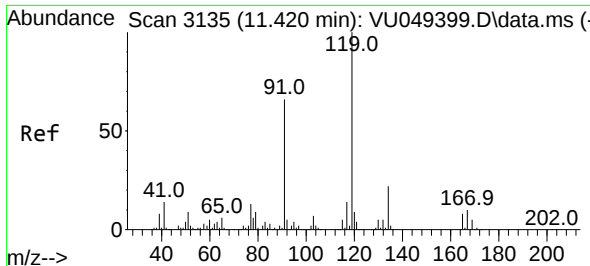
Tgt Ion: 75 Resp: 31852  
Ion Ratio Lower Upper  
75 100  
53 98.4 69.2 103.8  
89 42.4 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 20.107 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 91 Resp: 231551  
Ion Ratio Lower Upper  
91 100  
126 28.6 16.1 48.2

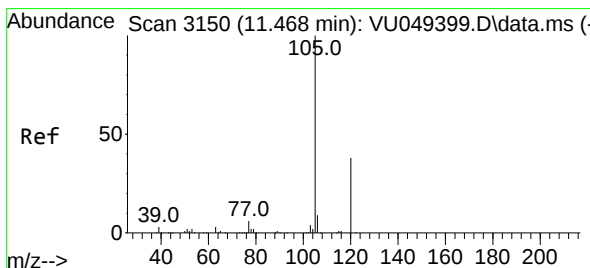
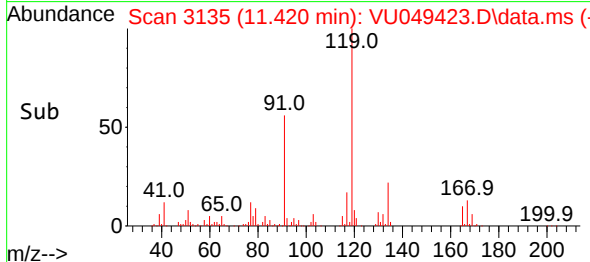
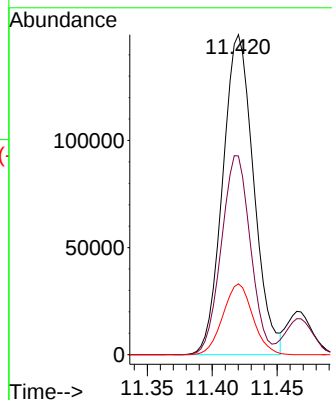
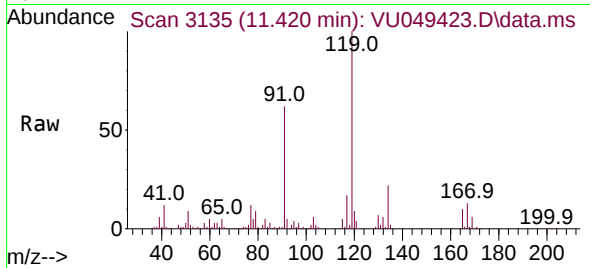




#83  
 tert-Butylbenzene  
 Concen: 21.134 ug/l  
 RT: 11.420 min Scan# 3135  
 Delta R.T. 0.000 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

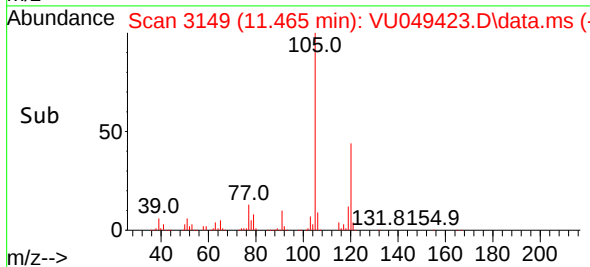
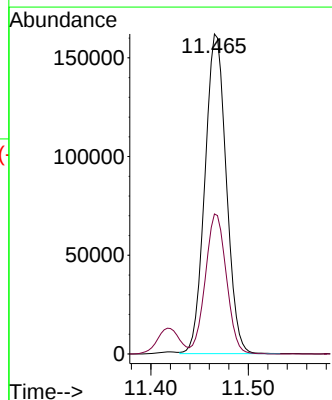
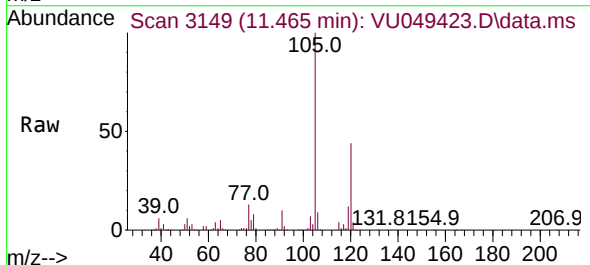
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

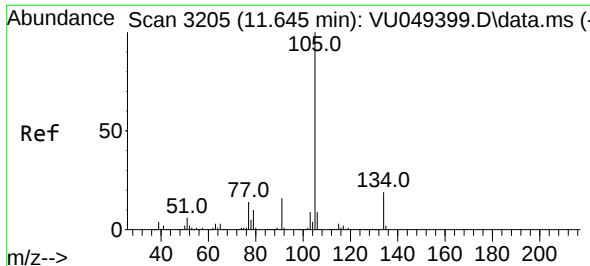
Tgt Ion:119 Resp: 248201  
 Ion Ratio Lower Upper  
 119 100  
 91 58.5 26.8 80.3  
 134 21.3 11.5 34.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.985 ug/l  
 RT: 11.465 min Scan# 3149  
 Delta R.T. -0.003 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion:105 Resp: 246156  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 23.4 70.3

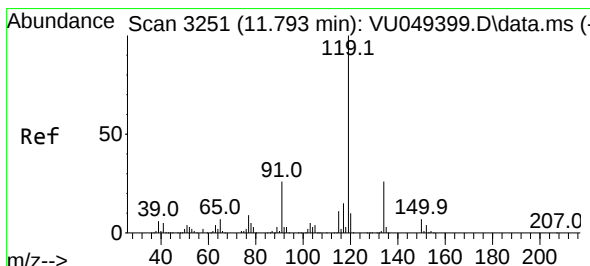
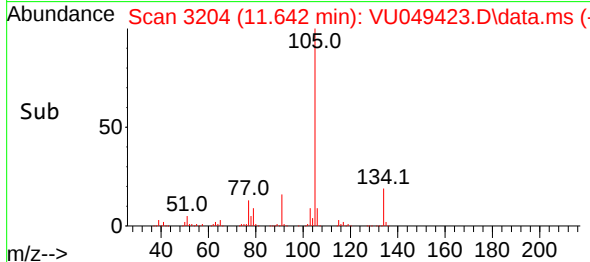
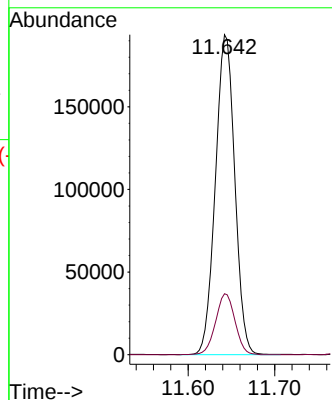
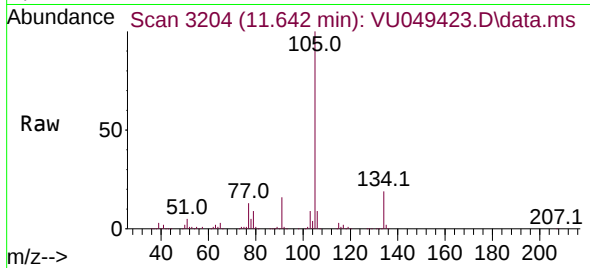




#85  
 sec-Butylbenzene  
 Concen: 20.367 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

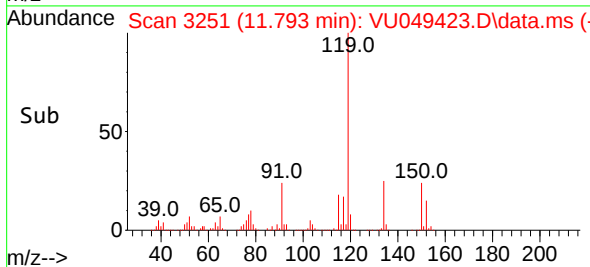
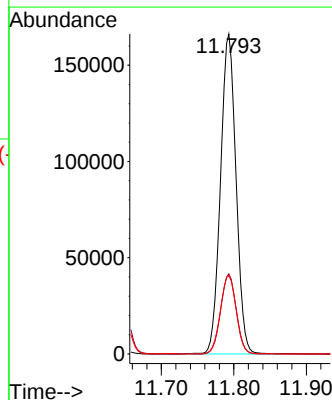
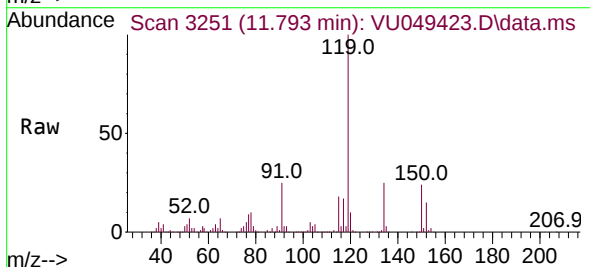
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0627WBSD02

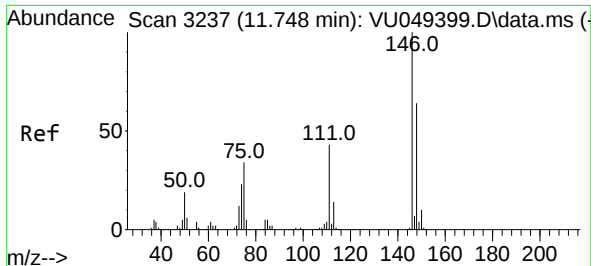
Tgt Ion:105 Resp: 300731  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.638 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU049423.D  
 Acq: 27 Jun 2022 23:55

Tgt Ion:119 Resp: 246436  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 13.5 40.4  
 91 25.0 11.2 33.5

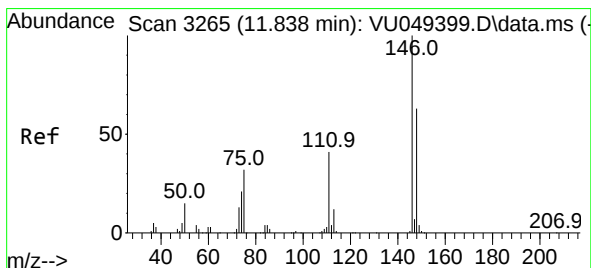
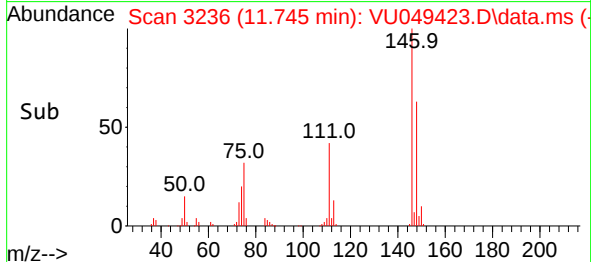
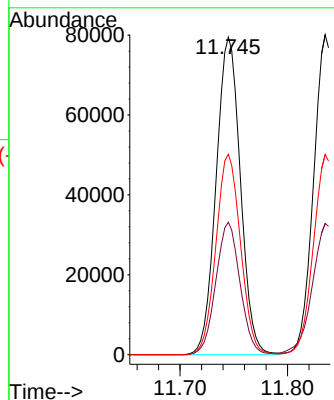
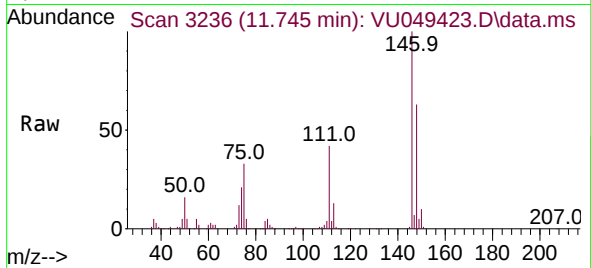




#87  
1,3-Dichlorobenzene  
Concen: 19.548 ug/l  
RT: 11.745 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

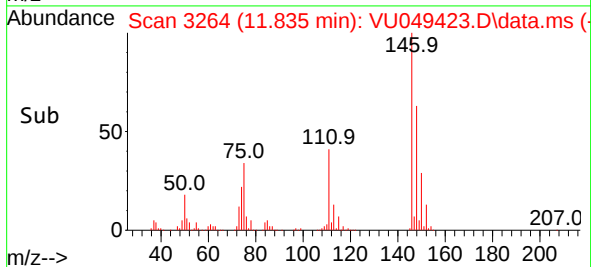
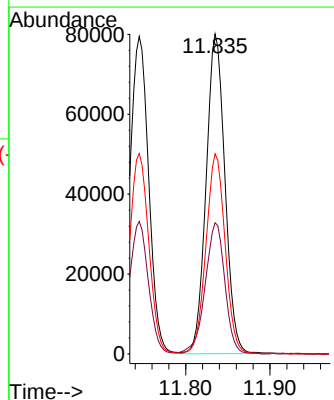
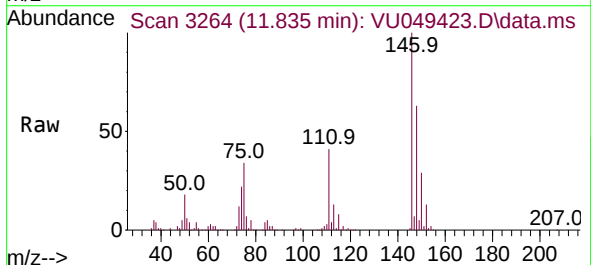
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

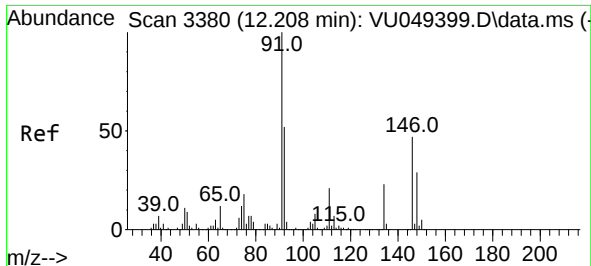
Tgt Ion:146 Resp: 124767  
Ion Ratio Lower Upper  
146 100  
111 41.6 18.9 56.5  
148 64.0 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 19.389 ug/l  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:146 Resp: 124384  
Ion Ratio Lower Upper  
146 100  
111 43.2 18.5 55.5  
148 63.7 31.9 95.7

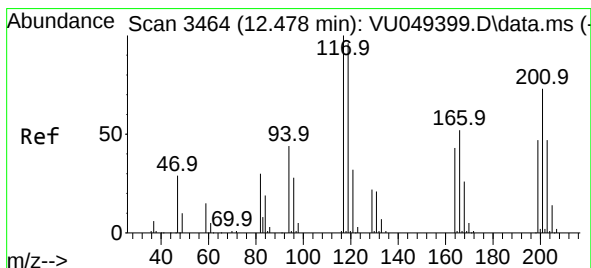
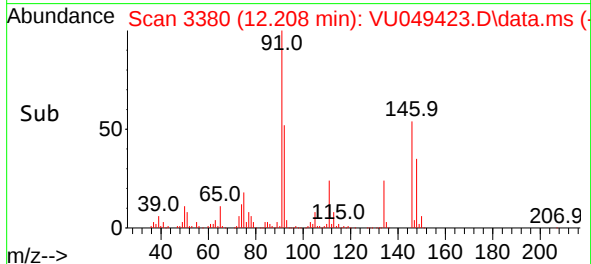
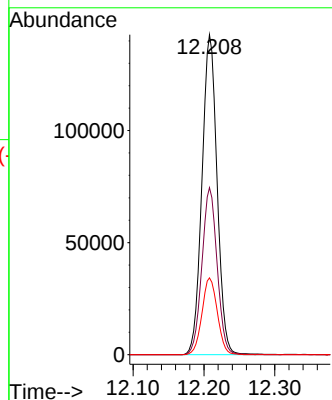
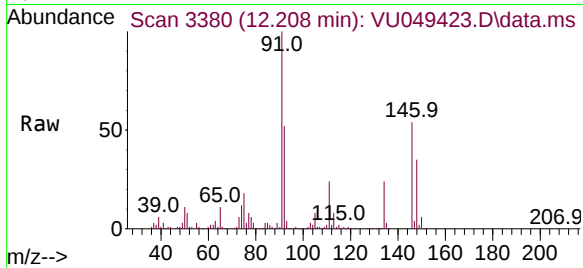




#89  
n-Butylbenzene  
Concen: 19.138 ug/l  
RT: 12.208 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

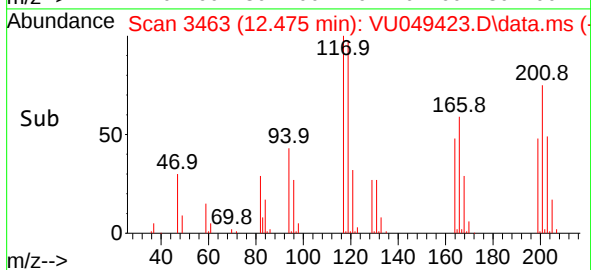
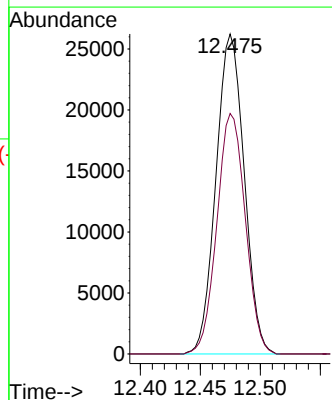
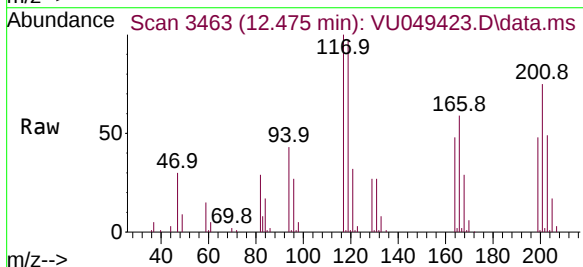
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

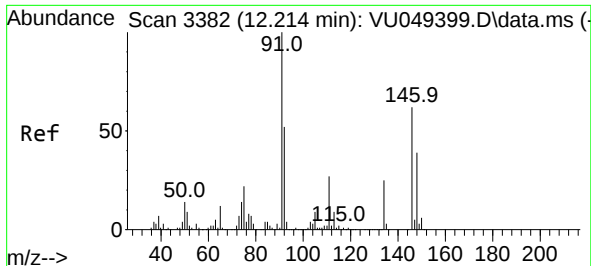
Tgt Ion: 91 Resp: 211546  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.2 78.6  
134 24.3 13.5 40.4



#90  
Hexachloroethane  
Concen: 18.028 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion: 117 Resp: 42878  
Ion Ratio Lower Upper  
117 100  
201 75.7 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.226 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

Instrument :

MSVOA\_U

ClientSampleId :

VU0627WBSD02

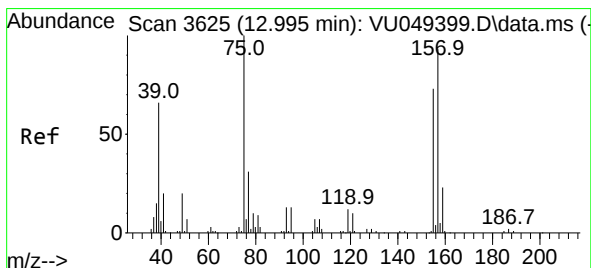
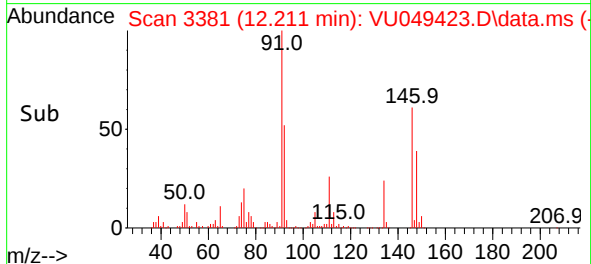
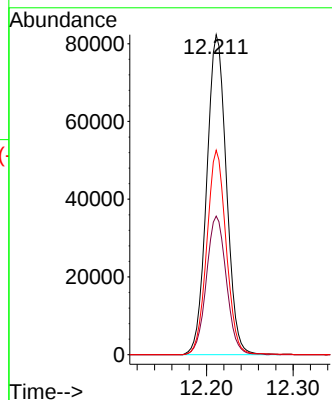
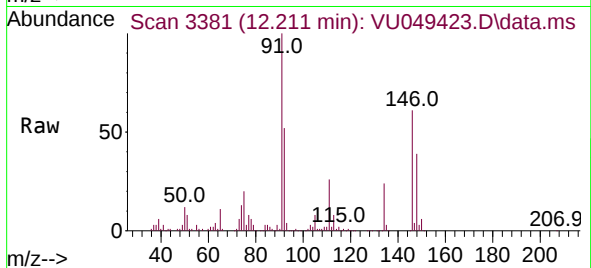
Tgt Ion:146 Resp: 129709

Ion Ratio Lower Upper

146 100

111 44.1 19.9 59.6

148 62.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.804 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049423.D

Acq: 27 Jun 2022 23:55

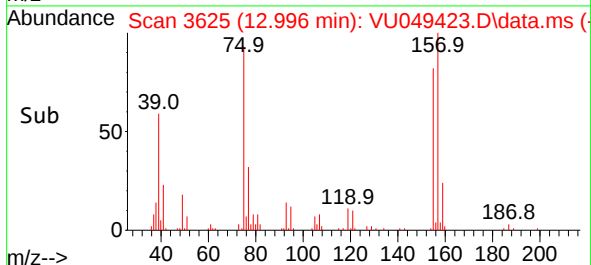
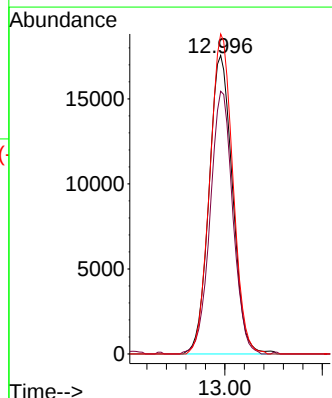
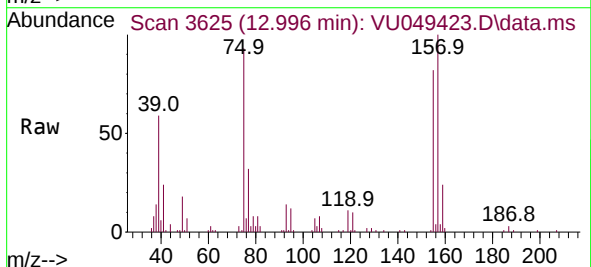
Tgt Ion: 75 Resp: 29421

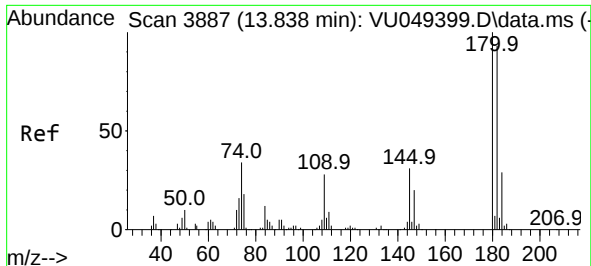
Ion Ratio Lower Upper

75 100

155 84.9 47.8 143.4

157 105.2 62.2 186.5

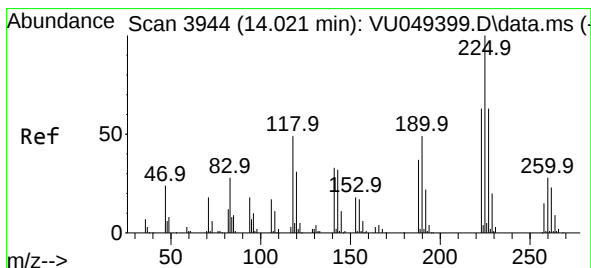
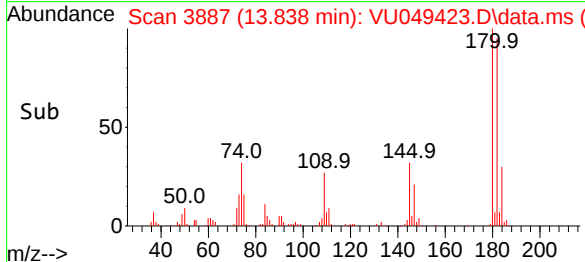
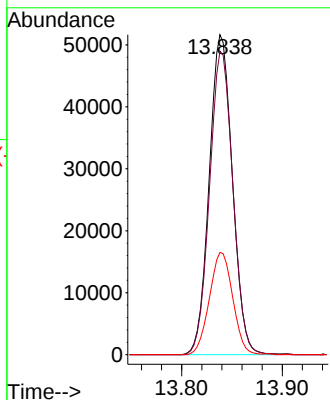
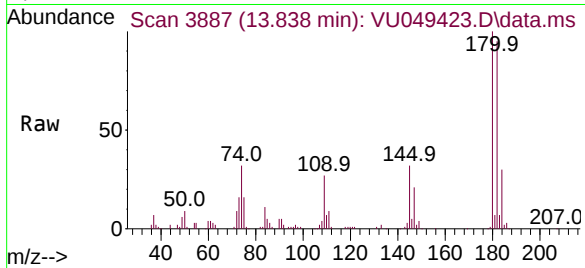




#93  
1,2,4-Trichlorobenzene  
Concen: 20.286 ug/l  
RT: 13.838 min Scan# 3887  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

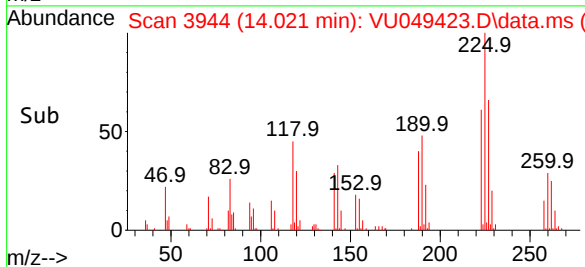
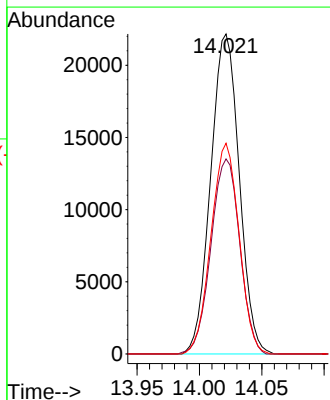
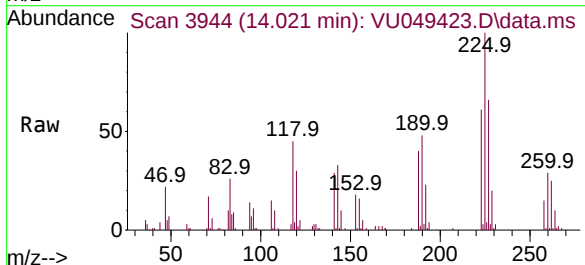
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

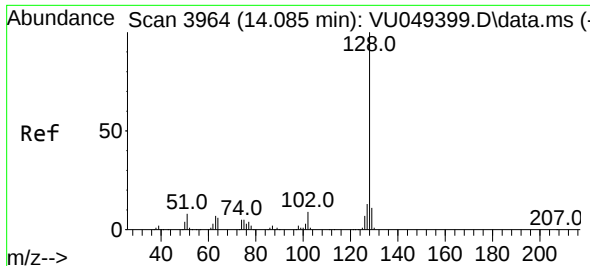
Tgt Ion:180 Resp: 82658  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.9 143.6  
145 32.2 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 17.793 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:225 Resp: 35397  
Ion Ratio Lower Upper  
225 100  
223 61.4 31.3 93.9  
227 64.6 32.0 96.2

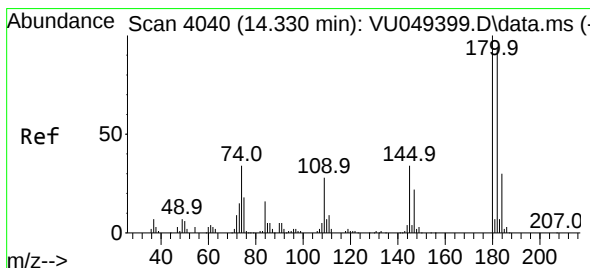
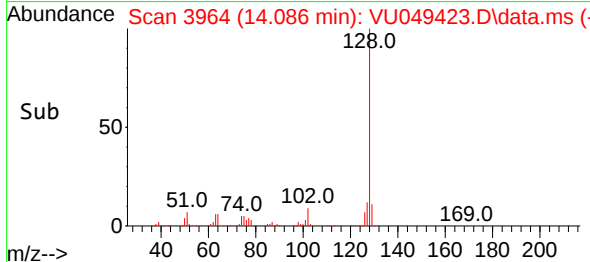
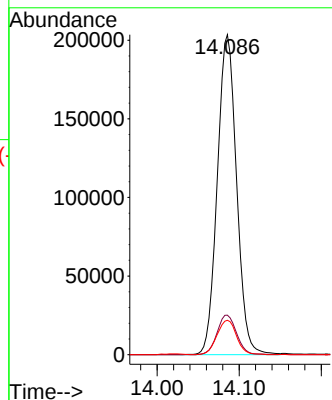
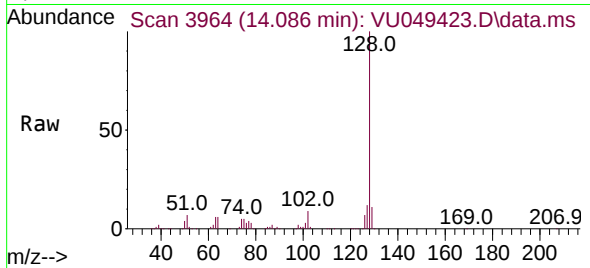




#95  
Naphthalene  
Concen: 23.115 ug/l  
RT: 14.086 min Scan# 3964  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0627WBSD02

Tgt Ion:128 Resp: 332923  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.080 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU049423.D  
Acq: 27 Jun 2022 23:55

Tgt Ion:180 Resp: 90186  
Ion Ratio Lower Upper  
180 100  
182 94.9 48.4 145.0  
145 33.0 14.8 44.4

