

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
 Data File : VU044997.D  
 Acq On : 29 Sep 2021 16:51  
 Operator : SY/MD  
 Sample : VU0929MBS01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0929MBS01

Quant Time: Sep 30 04:32:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.379  | 168   | 166939   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114   | 314128   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117   | 299846   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.816 | 152   | 147367   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.707  | 65    | 140135   | 50.428   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 100.860% |          |
| 35) Dibromofluoromethane     | 5.295  | 113   | 98791    | 49.854   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 99.700%  |          |
| 50) Toluene-d8               | 7.903  | 98    | 396579   | 50.650   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 101.300% |          |
| 62) 4-Bromofluorobenzene     | 10.636 | 95    | 151355   | 46.822   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 93.640%  |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85    | 35627    | 17.234   | ug/l       | 98       |
| 3) Chloromethane             | 1.523  | 50    | 44759    | 16.716   | ug/l       | 100      |
| 4) Vinyl Chloride            | 1.607  | 62    | 47719    | 17.848   | ug/l       | 100      |
| 5) Bromomethane              | 1.845  | 94    | 32734    | 31.212   | ug/l       | 100      |
| 6) Chloroethane              | 1.932  | 64    | 30899    | 15.044   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 2.138  | 101   | 60115    | 17.026   | ug/l       | 98       |
| 8) Diethyl Ether             | 2.379  | 74    | 28691    | 17.731   | ug/l       | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101   | 34170    | 17.017   | ug/l       | 98       |
| 10) Methyl Iodide            | 2.726  | 142   | 31760    | 14.819   | ug/l       | 97       |
| 11) Tert butyl alcohol       | 3.183  | 59    | 53652    | 67.270   | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 2.581  | 96    | 33754    | 17.054   | ug/l       | 99       |
| 13) Acrolein                 | 2.488  | 56    | 15099    | 99.006   | ug/l       | 93       |
| 14) Allyl chloride           | 2.925  | 41    | 61919    | 16.904   | ug/l       | 95       |
| 15) Acrylonitrile            | 3.318  | 53    | 135443   | 84.205   | ug/l       | 99       |
| 16) Acetone                  | 2.629  | 43    | 115782   | 70.192   | ug/l       | 98       |
| 17) Carbon Disulfide         | 2.797  | 76    | 94025    | 16.093   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.951  | 43    | 82596    | 17.133   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 3.369  | 73    | 134786   | 17.641   | ug/l       | 99       |
| 20) Methylene Chloride       | 3.051  | 84    | 42348    | 17.045   | ug/l       | 96       |
| 21) trans-1,2-Dichloroethene | 3.356  | 96    | 38315    | 17.696   | ug/l       | 95       |
| 22) Diisopropyl ether        | 3.999  | 45    | 129993   | 17.383   | ug/l       | 97       |
| 23) Vinyl Acetate            | 3.961  | 43    | 531497   | 87.387   | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 3.874  | 63    | 75280    | 17.536   | ug/l       | 99       |
| 25) 2-Butanone               | 4.703  | 43    | 185599   | 79.195   | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 4.671  | 77    | 57979    | 15.974   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 4.671  | 96    | 45180    | 17.668   | ug/l       | 98       |
| 28) Bromochloromethane       | 4.977  | 49    | 35072    | 19.711   | ug/l       | 93       |
| 29) Tetrahydrofuran          | 5.054  | 42    | 120560   | 86.419   | ug/l       | 98       |
| 30) Chloroform               | 5.092  | 83    | 74796    | 17.286   | ug/l       | 99       |
| 31) Cyclohexane              | 5.391  | 56    | 71261    | 16.882   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97    | 61380    | 17.193   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 5.530  | 75    | 54927    | 16.720   | ug/l       | 98       |
| 37) Ethyl Acetate            | 4.806  | 43    | 71122    | 16.363   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 5.530  | 117   | 46416    | 16.329   | ug/l       | 99       |
| 39) Methylcyclohexane        | 6.768  | 83    | 65913    | 16.344   | ug/l       | 97       |
| 40) Benzene                  | 5.777  | 78    | 167588   | 17.129   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
 Data File : VU044997.D  
 Acq On : 29 Sep 2021 16:51  
 Operator : SY/MD  
 Sample : VU0929MBS01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0929MBS01

Quant Time: Sep 30 04:32:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 37379    | 16.705  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 65044    | 16.914  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.916  | 43   | 109478   | 16.742  | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 40026    | 17.351  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.797  | 63   | 43979    | 16.954  | ug/l   | 98       |
| 46) Dibromomethane            | 6.922  | 93   | 29842    | 17.078  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 56283    | 16.589  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.964  | 41   | 51081    | 16.049  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 6.967  | 88   | 19922    | 214.180 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 359621   | 75.543  | ug/l   | 98       |
| 52) Toluene                   | 7.973  | 92   | 104850   | 17.123  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 61498    | 15.850  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 68597    | 16.973  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 42452    | 16.638  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.337  | 69   | 71202    | 15.670  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 76685    | 16.841  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 132565   | 98.265  | ug/l   | 97       |
| 59) 2-Hexanone                | 8.687  | 43   | 284373   | 73.355  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.813  | 129  | 38541    | 15.803  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 44010    | 16.227  | ug/l   | 98       |
| 64) Tetrachloroethene         | 8.555  | 164  | 34976    | 17.872  | ug/l   | 97       |
| 65) Chlorobenzene             | 9.449  | 112  | 107535   | 17.106  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 35386    | 16.123  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.575  | 91   | 201851   | 17.449  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.697  | 106  | 152763   | 33.991  | ug/l   | 99       |
| 69) o-Xylene                  | 10.102 | 106  | 76171    | 17.077  | ug/l   | 99       |
| 70) Styrene                   | 10.118 | 104  | 124124   | 16.588  | ug/l   | 98       |
| 71) Bromoform                 | 10.295 | 173  | 26700    | 13.524  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.488 | 105  | 195745   | 17.837  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.324 | 43   | 90547    | 16.386  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 73094    | 15.393  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 85035    | 19.783  | ug/l   | 90       |
| 77) Bromobenzene              | 10.783 | 156  | 45361    | 17.118  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.909 | 91   | 240316   | 17.969  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 143477   | 17.116  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 168299   | 17.506  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 21257    | 13.724  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 165554   | 17.472  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 156403   | 16.726  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.472 | 105  | 167842   | 17.647  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 211217   | 17.540  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 173526   | 17.913  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 87634    | 17.269  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 87901    | 16.932  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.211 | 91   | 164120   | 18.395  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.478 | 117  | 25786    | 14.741  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.218 | 146  | 86138    | 16.605  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 18358    | 16.385  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 52990    | 18.329  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.025 | 225  | 19277    | 15.973  | ug/l   | 99       |
| 95) Naphthalene               | 14.089 | 128  | 209374   | 19.256  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 53456    | 18.411  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
Data File : VU044997.D  
Acq On : 29 Sep 2021 16:51  
Operator : SY/MD  
Sample : VU0929MBS01  
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_U/MEOH  
ALS Vial : 14 Sample Multiplier: 1

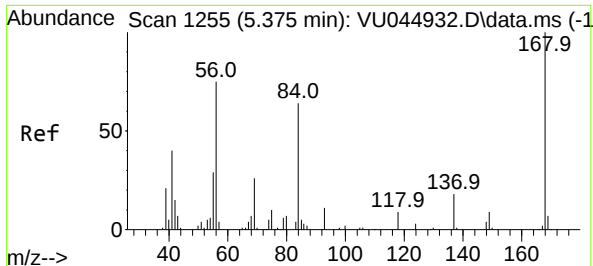
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

Quant Time: Sep 30 04:32:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration

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

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

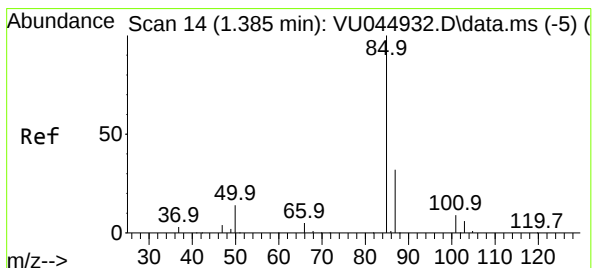
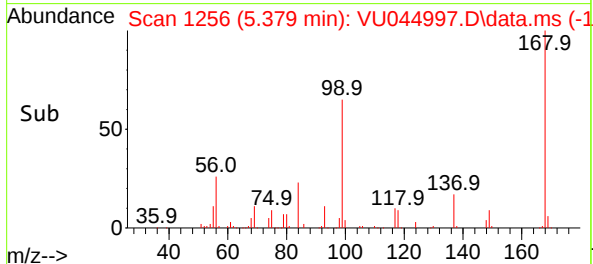
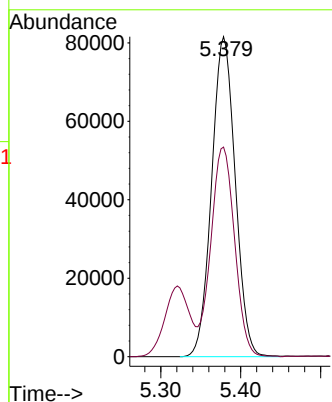
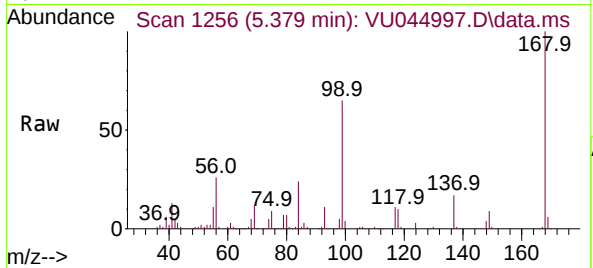




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. 0.004 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

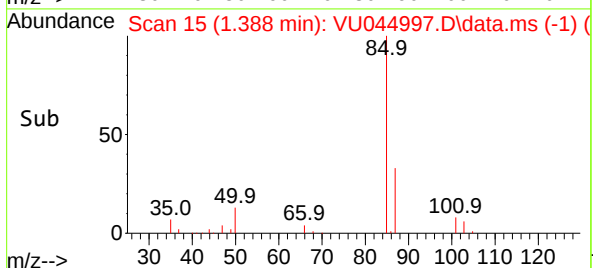
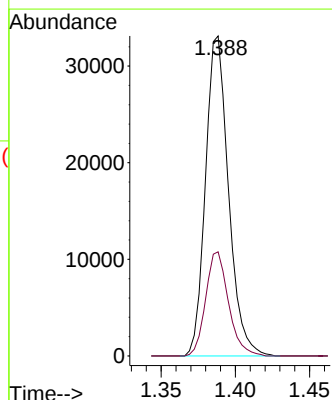
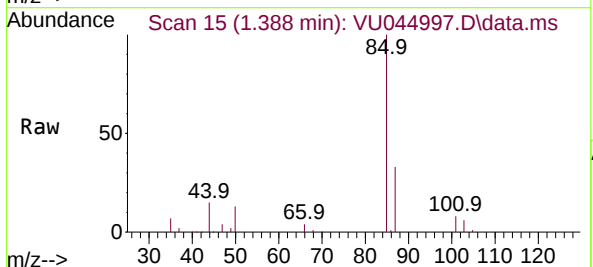
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

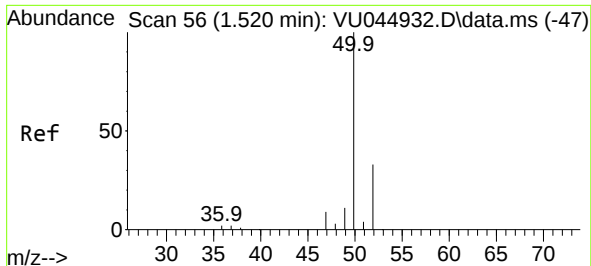
Tgt Ion:168 Resp: 166939  
Ion Ratio Lower Upper  
168 100  
99 65.5 51.4 77.0



#2  
Dichlorodifluoromethane  
Concen: 17.234 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 85 Resp: 35627  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.7 47.0

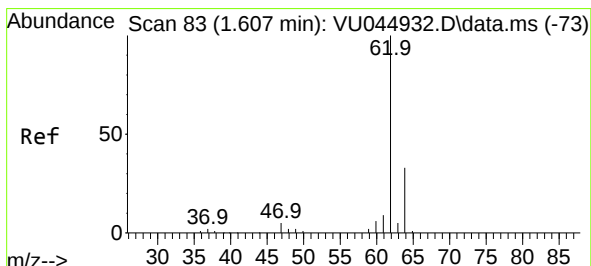
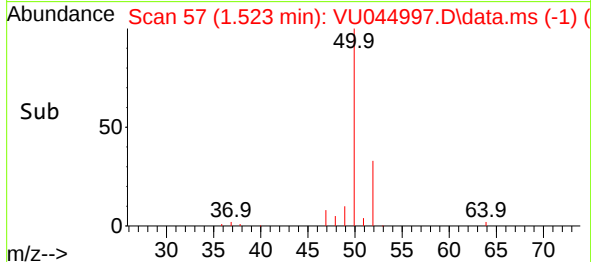
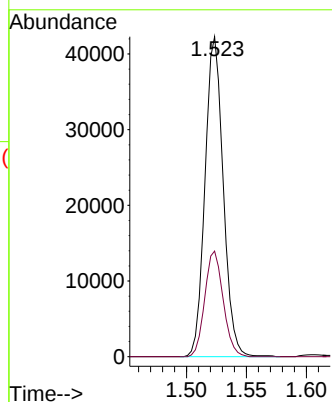
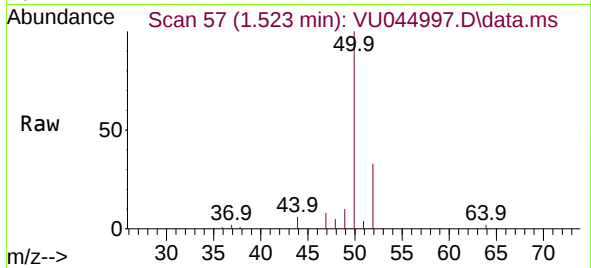




#3  
Chloromethane  
Concen: 16.716 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

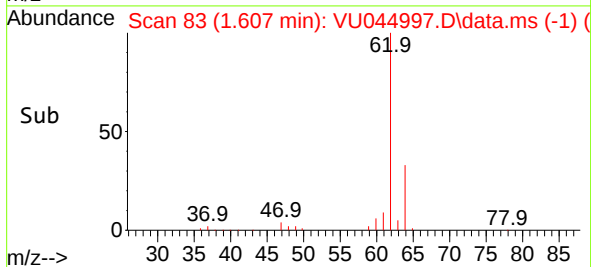
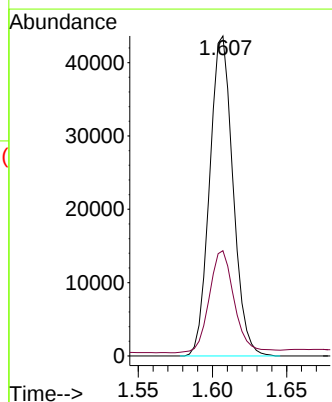
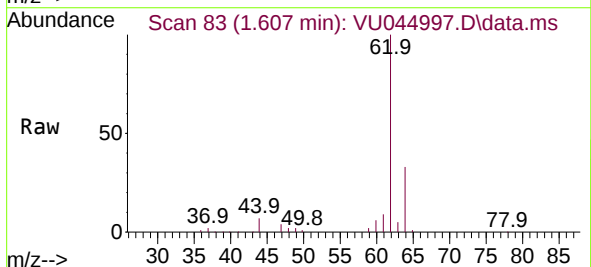
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

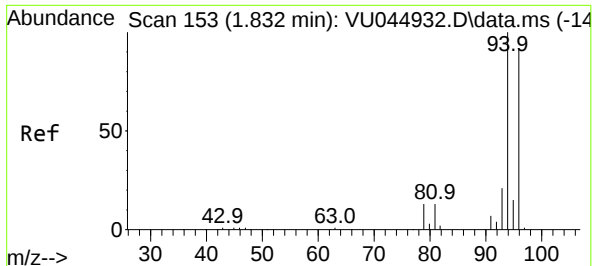
Tgt Ion: 50 Resp: 44759  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.3 39.5



#4  
Vinyl Chloride  
Concen: 17.848 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 62 Resp: 47719  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.6 38.4

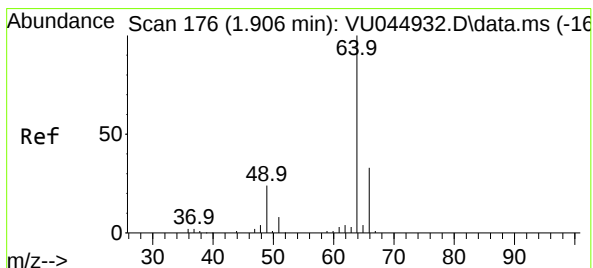
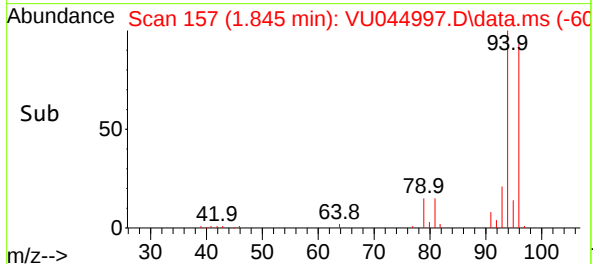
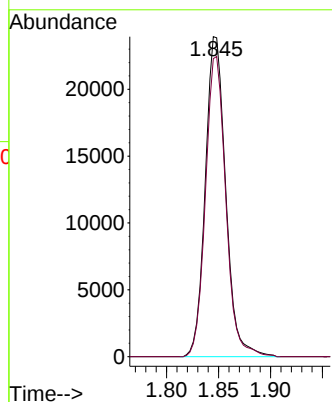
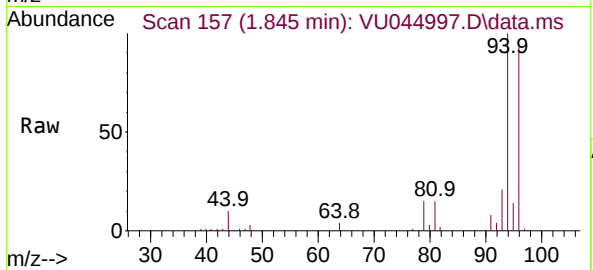




#5  
Bromomethane  
Concen: 31.212 ug/l  
RT: 1.845 min Scan# 157  
Delta R.T. 0.013 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

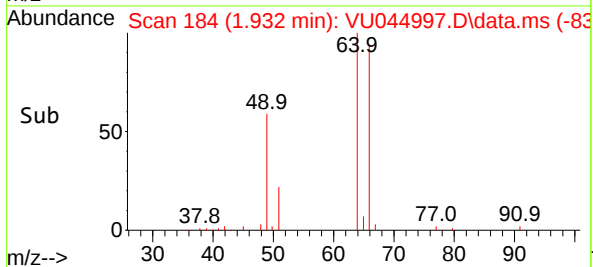
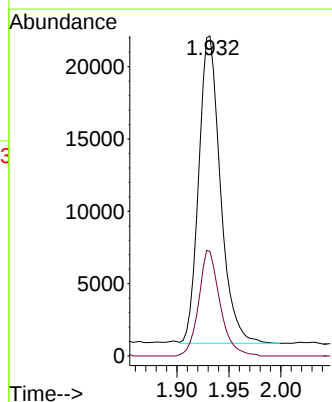
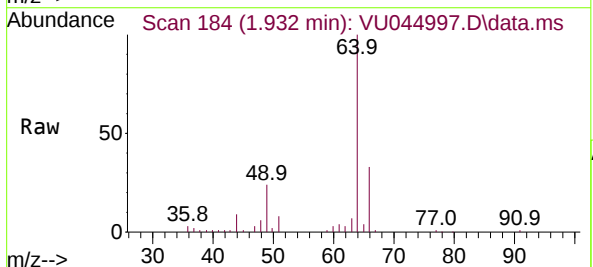
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

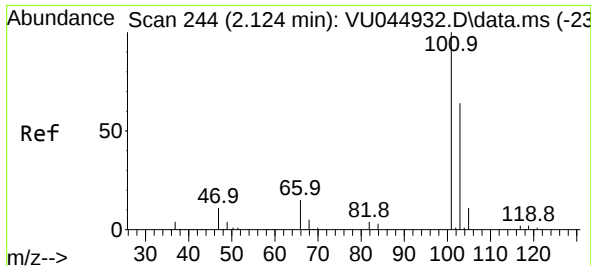
Tgt Ion: 94 Resp: 32734  
Ion Ratio Lower Upper  
94 100  
96 93.1 74.5 111.7



#6  
Chloroethane  
Concen: 15.044 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.026 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 64 Resp: 30899  
Ion Ratio Lower Upper  
64 100  
66 34.0 25.8 38.8

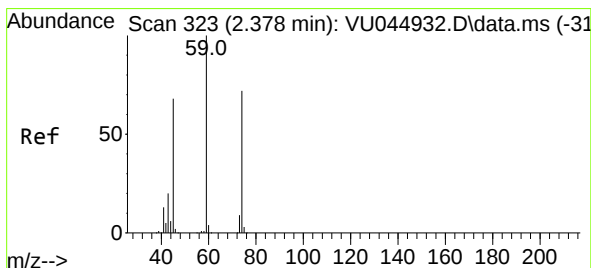
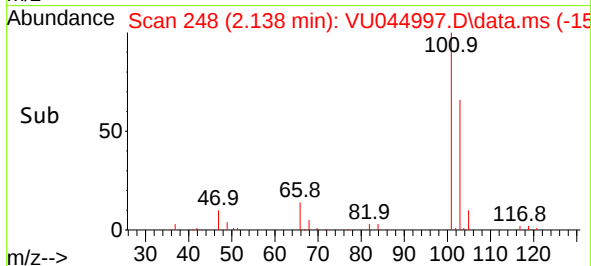
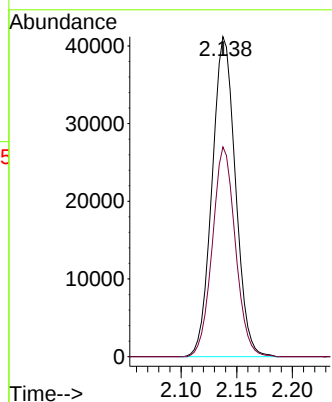
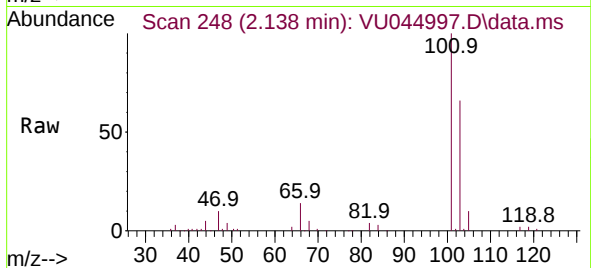




#7  
 Trichlorofluoromethane  
 Concen: 17.026 ug/l  
 RT: 2.138 min Scan# 248  
 Delta R.T. 0.014 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

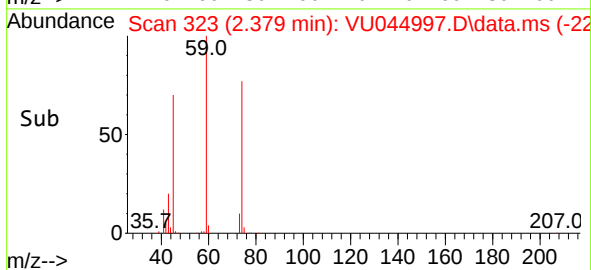
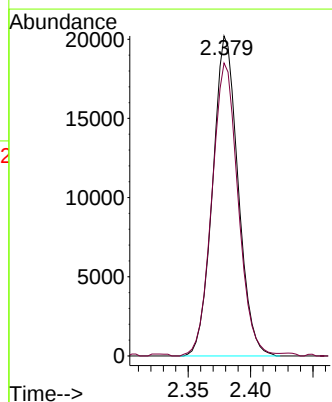
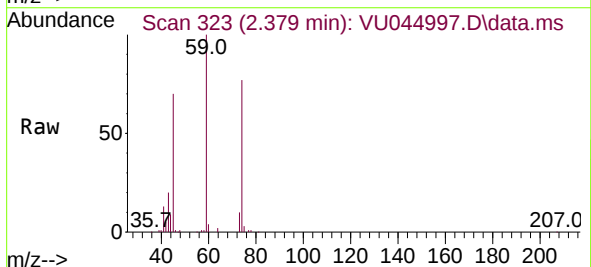
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0929MBSD01

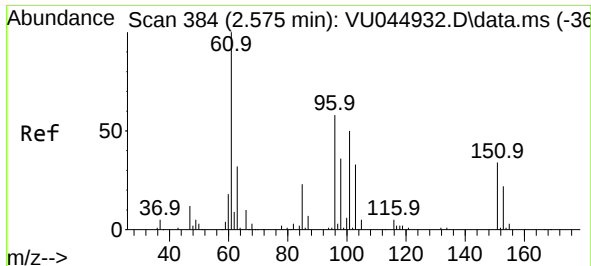
Tgt Ion:101 Resp: 60115  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 51.2 76.8



#8  
 Diethyl Ether  
 Concen: 17.731 ug/l  
 RT: 2.379 min Scan# 323  
 Delta R.T. 0.001 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

Tgt Ion: 74 Resp: 28691  
 Ion Ratio Lower Upper  
 74 100  
 45 94.5 52.2 156.6

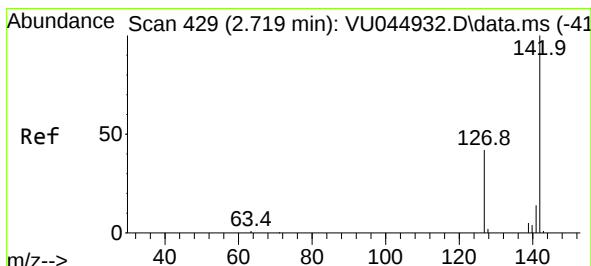
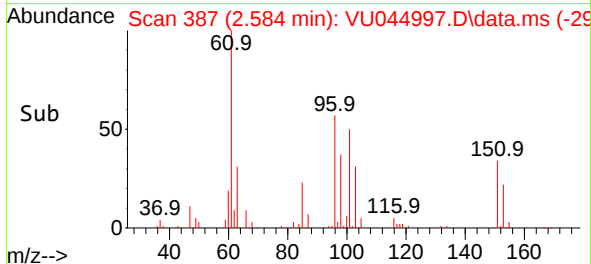
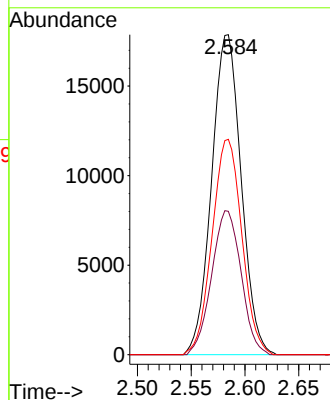
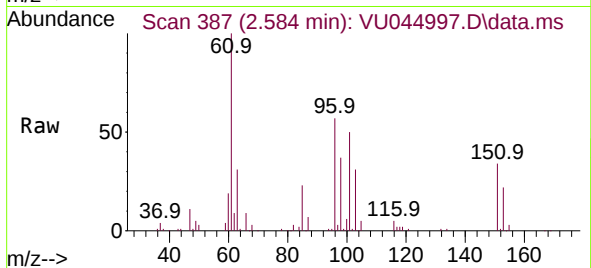




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.017 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.009 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

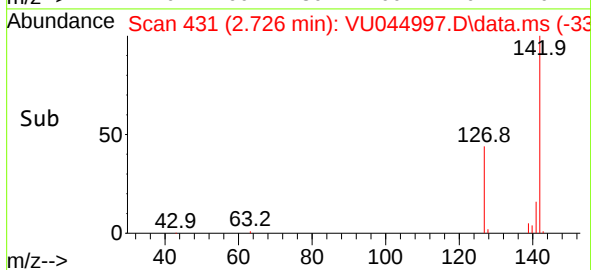
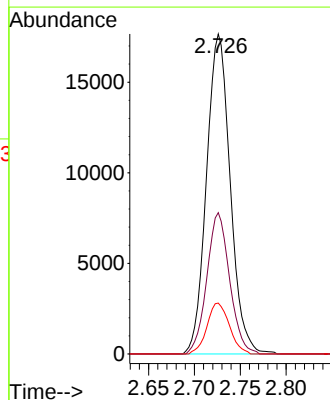
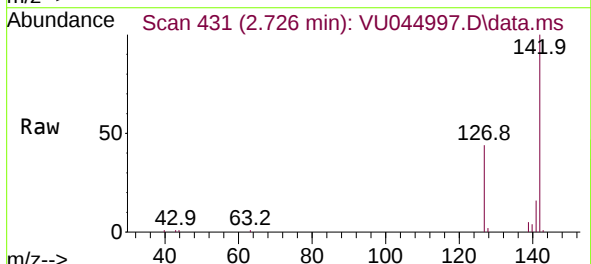
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

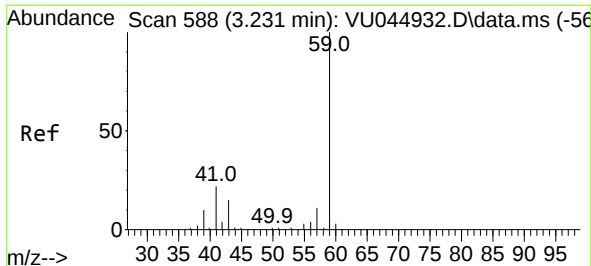
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 34170 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.8  | 37.2  | 55.8  |
| 151       | 67.8  | 55.8  | 83.8  |



#10  
Methyl Iodide  
Concen: 14.819 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. 0.007 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 31760 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.3  | 35.6  | 53.4  |
| 141       | 15.0  | 11.3  | 16.9  |

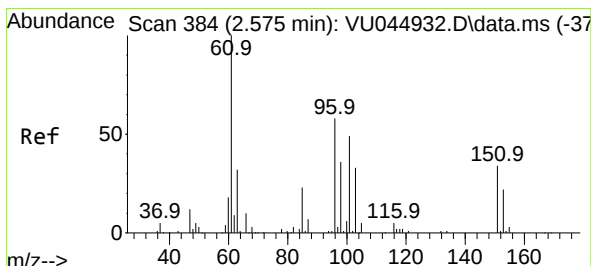
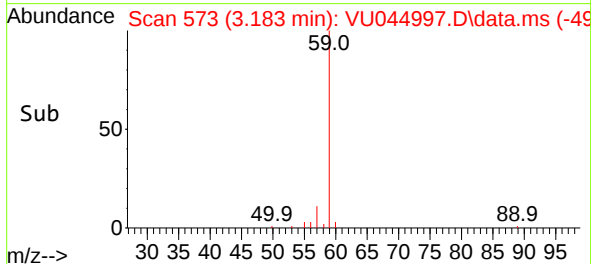
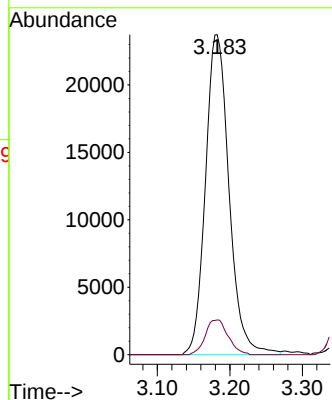
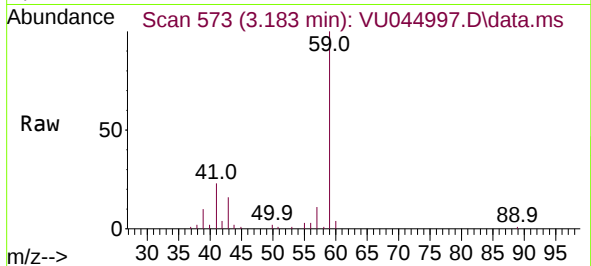




#11  
Tert butyl alcohol  
Concen: 67.270 ug/l  
RT: 3.183 min Scan# 573  
Delta R.T. -0.048 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

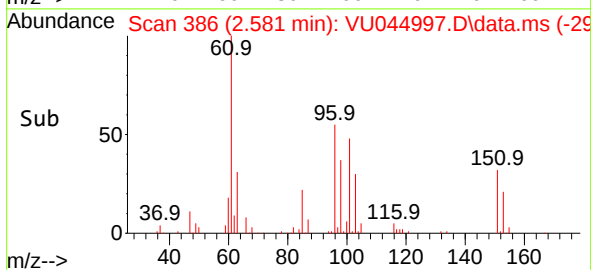
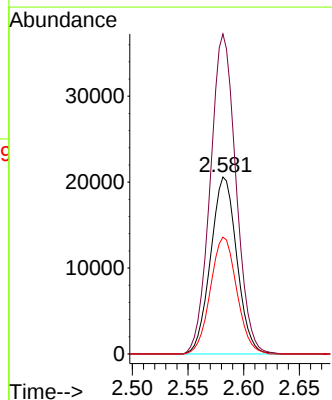
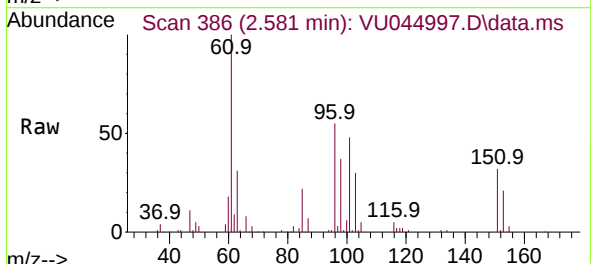
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

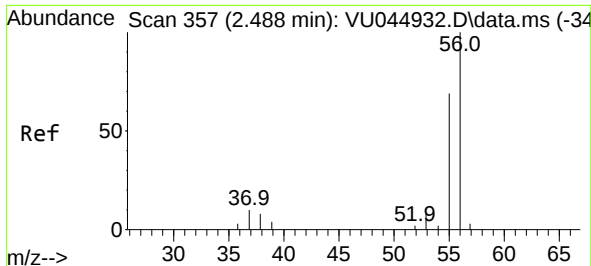
Tgt Ion: 59 Resp: 53652  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 17.054 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.006 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 96 Resp: 33754  
Ion Ratio Lower Upper  
96 100  
61 180.8 145.4 218.0  
98 66.0 50.9 76.3

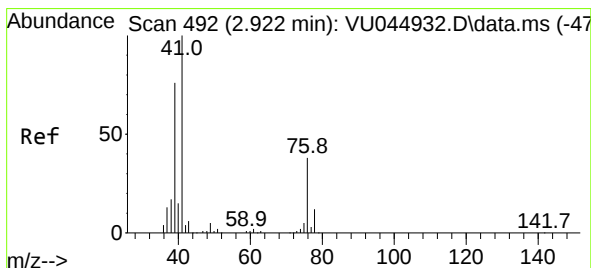
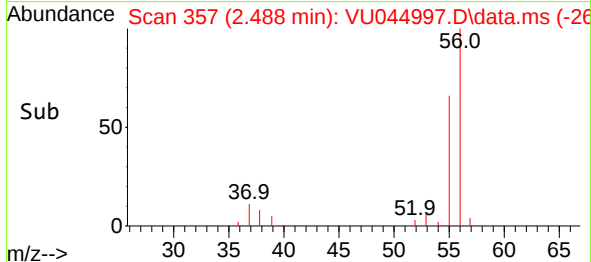
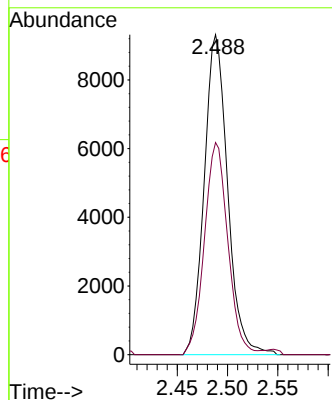
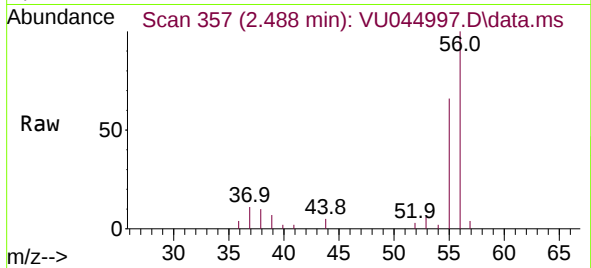




#13  
Acrolein  
Concen: 99.006 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

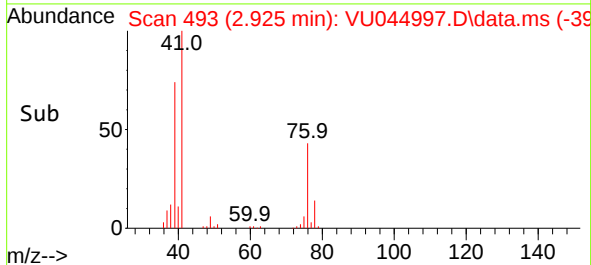
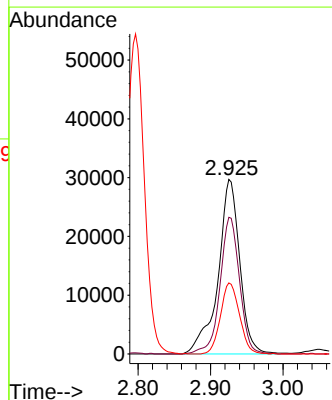
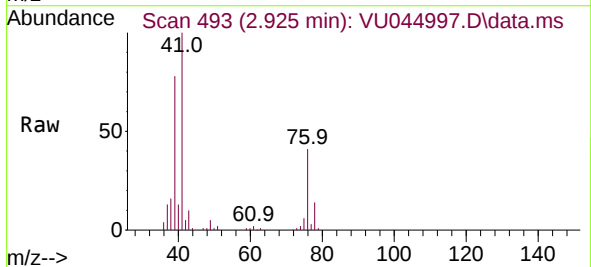
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

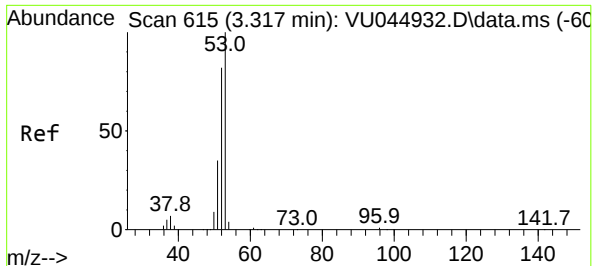
Tgt Ion: 56 Resp: 15099  
Ion Ratio Lower Upper  
56 100  
55 66.1 57.4 86.0



#14  
Allyl chloride  
Concen: 16.904 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 41 Resp: 61919  
Ion Ratio Lower Upper  
41 100  
39 70.1 53.0 79.6  
76 35.4 25.7 38.5

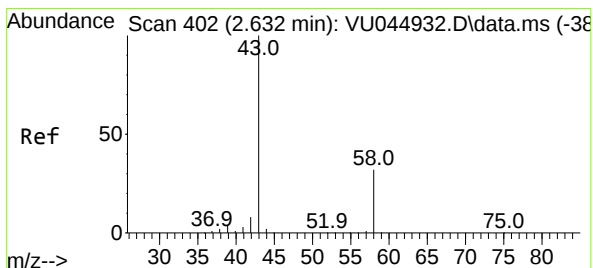
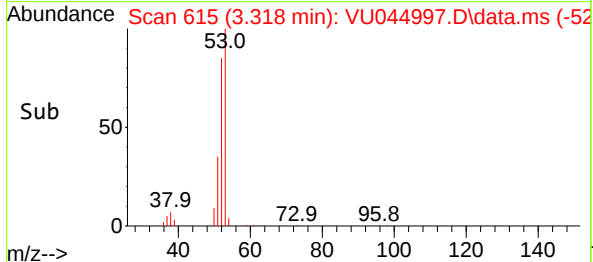
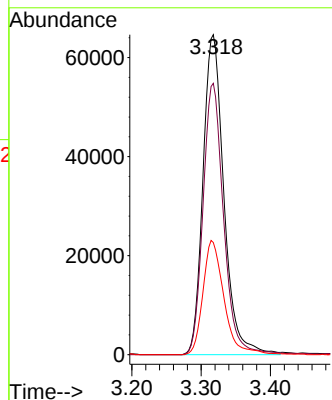
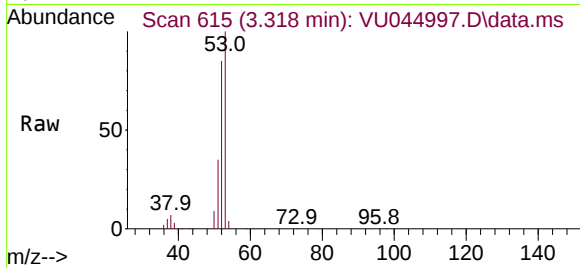




#15  
Acrylonitrile  
Concen: 84.205 ug/l  
RT: 3.318 min Scan# 615  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

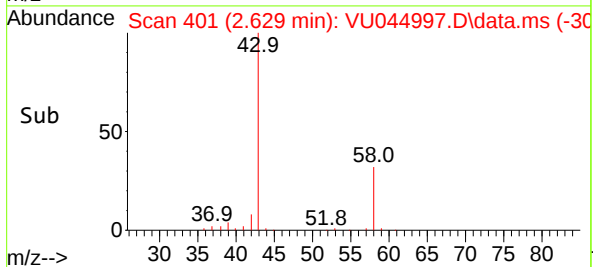
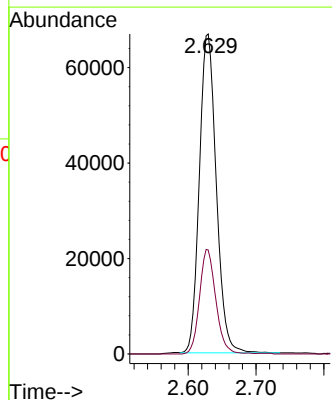
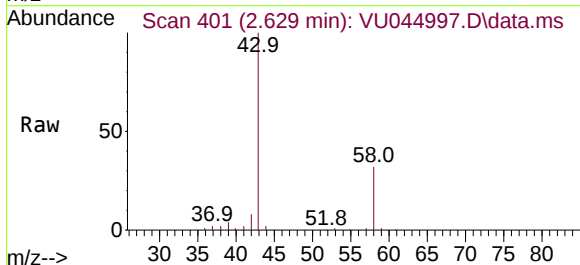
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

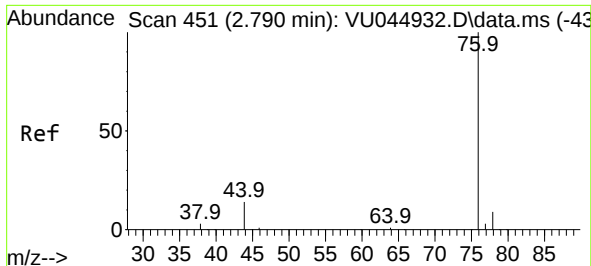
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 135443 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.3  | 66.0  | 99.0   |
| 51       | 36.1  | 28.6  | 42.8   |



#16  
Acetone  
Concen: 70.192 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 115782 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.6  | 25.2  | 37.8   |

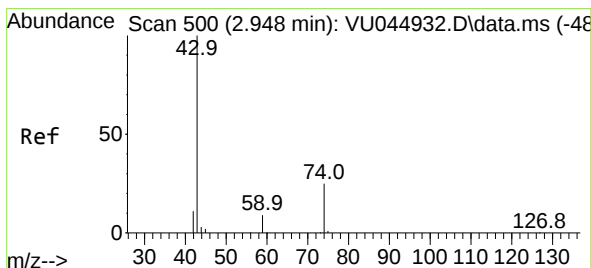
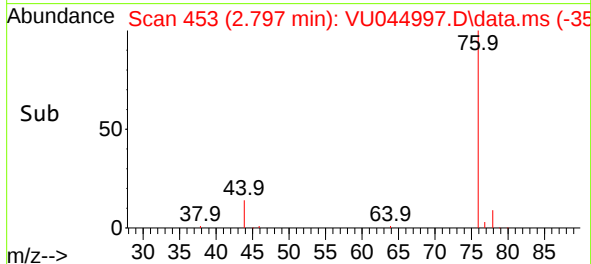
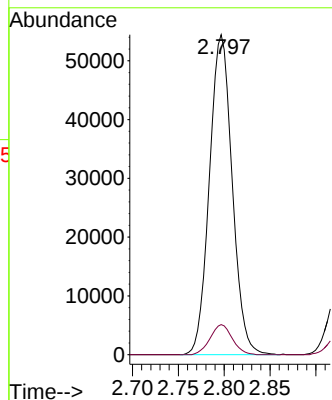
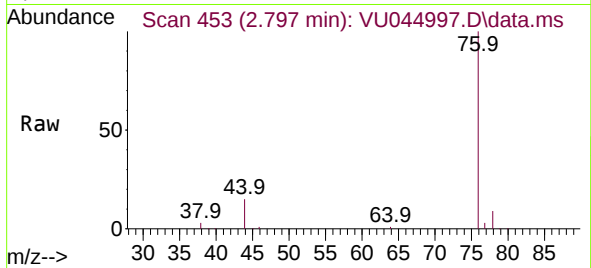




#17  
Carbon Disulfide  
Concen: 16.093 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. 0.007 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

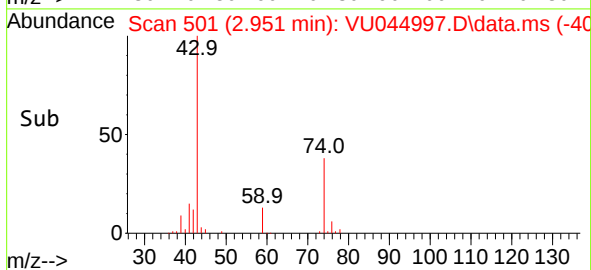
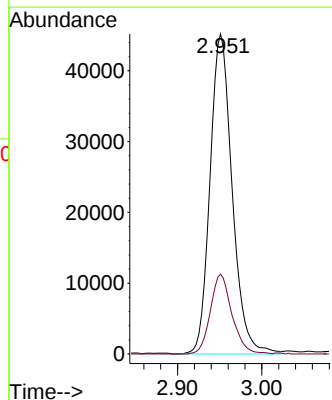
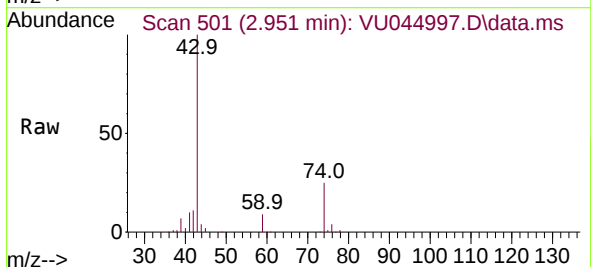
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

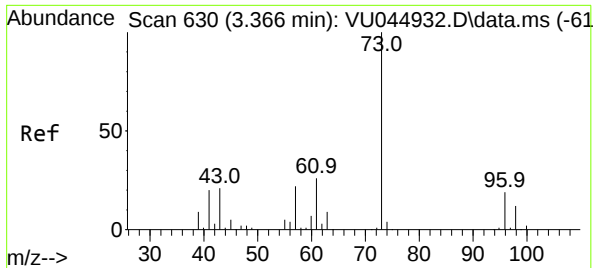
Tgt Ion: 76 Resp: 94025  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 17.133 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 43 Resp: 82596  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.0 28.6

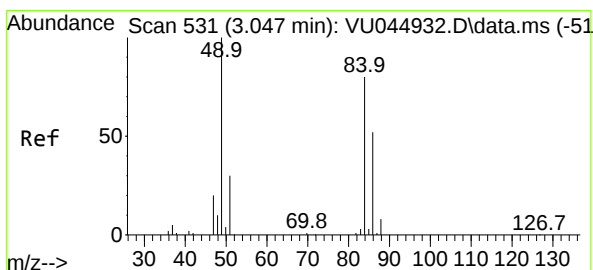
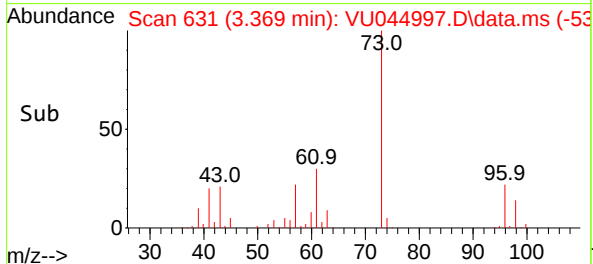
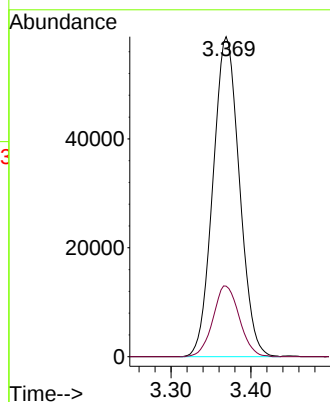
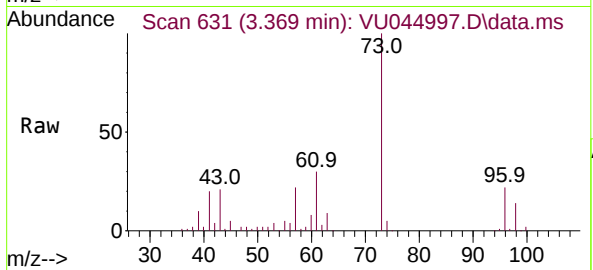




#19  
Methyl tert-butyl Ether  
Concen: 17.641 ug/l  
RT: 3.369 min Scan# 631  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

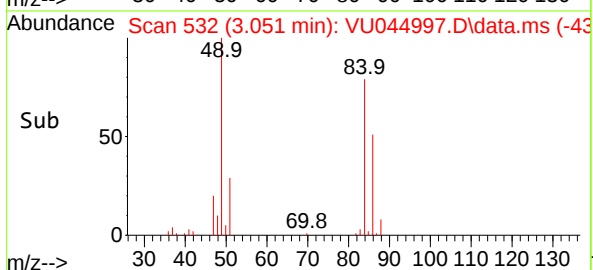
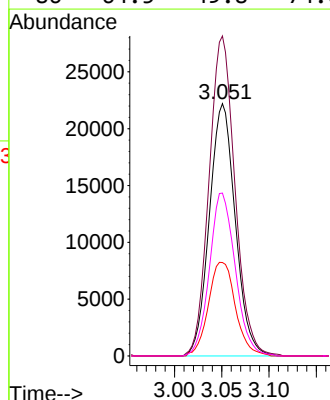
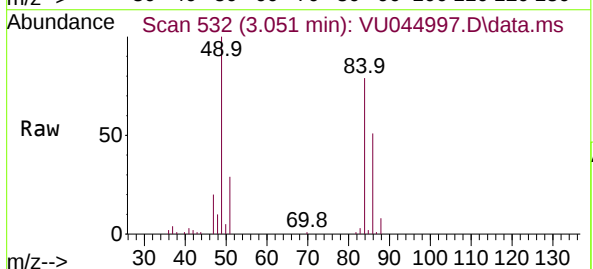
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

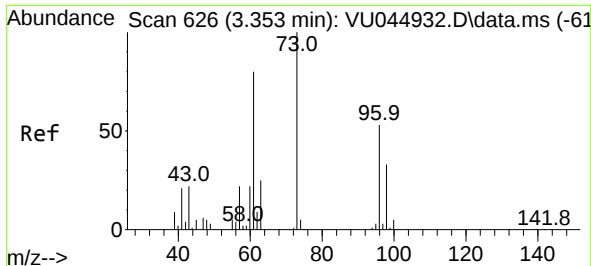
Tgt Ion: 73 Resp: 134786  
Ion Ratio Lower Upper  
73 100  
57 22.1 18.2 27.2



#20  
Methylene Chloride  
Concen: 17.045 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.004 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 84 Resp: 42348  
Ion Ratio Lower Upper  
84 100  
49 126.8 104.9 157.3  
51 37.0 31.8 47.8  
86 64.5 49.8 74.6

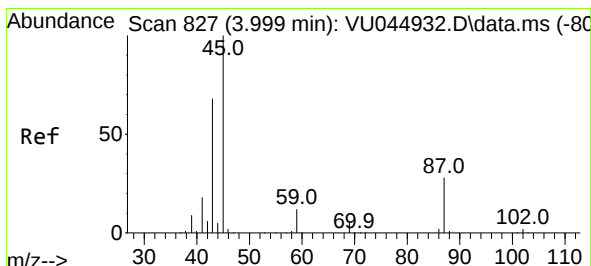
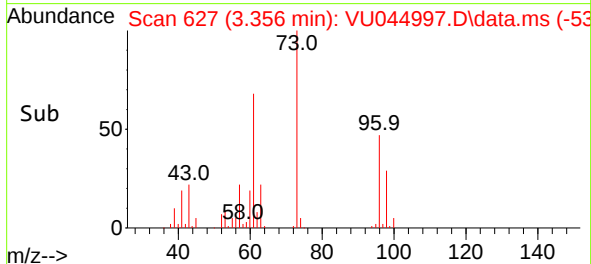
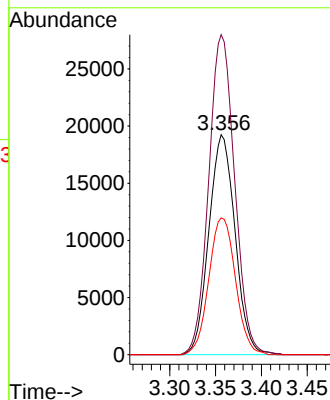
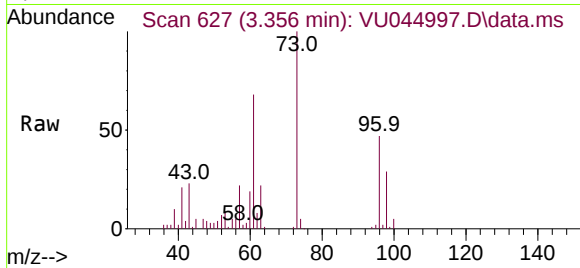




#21  
trans-1,2-Dichloroethene  
Concen: 17.696 ug/l  
RT: 3.356 min Scan# 627  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

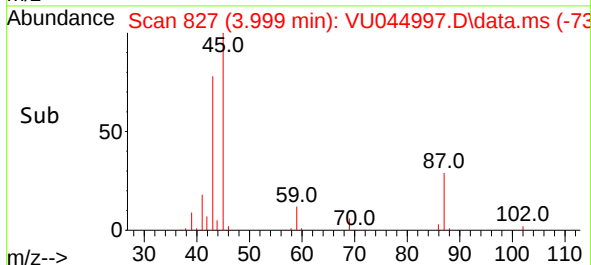
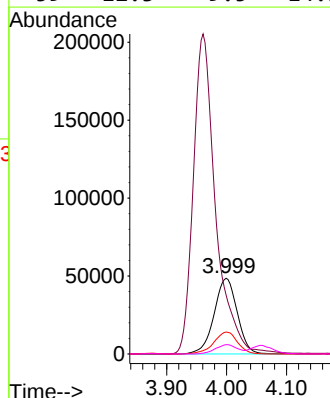
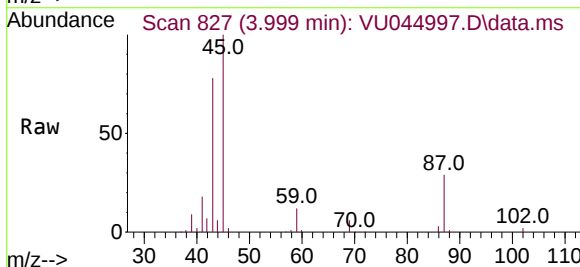
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

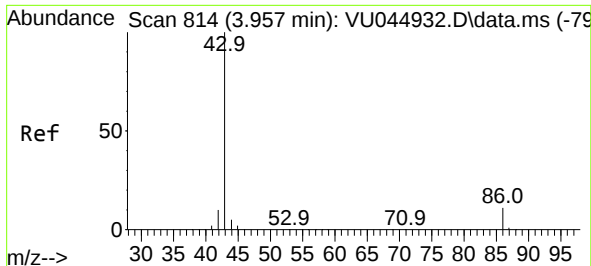
Tgt Ion: 96 Resp: 38315  
Ion Ratio Lower Upper  
96 100  
61 145.5 123.2 184.8  
98 62.2 51.0 76.6



#22  
Diisopropyl ether  
Concen: 17.383 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 45 Resp: 129993  
Ion Ratio Lower Upper  
45 100  
43 75.8 62.3 93.5  
87 28.9 21.0 31.4  
59 12.3 9.5 14.3

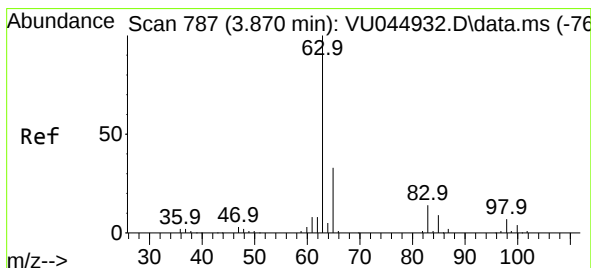
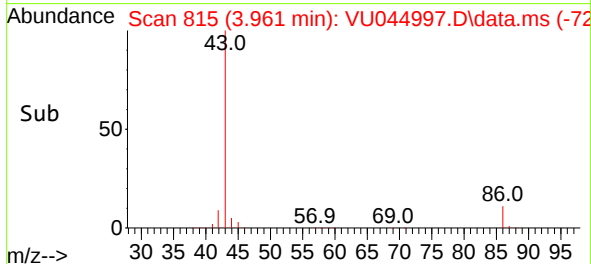
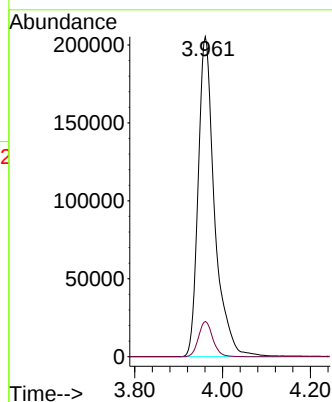
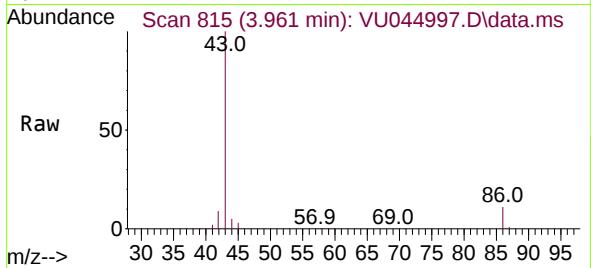




#23  
 Vinyl Acetate  
 Concen: 87.387 ug/l  
 RT: 3.961 min Scan# 815  
 Delta R.T. 0.004 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

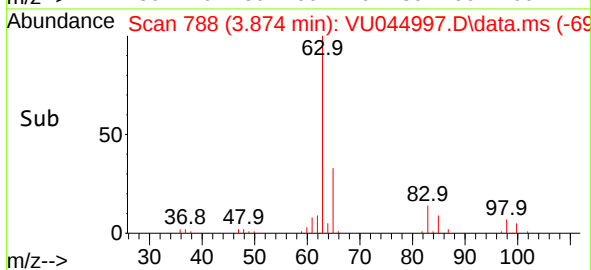
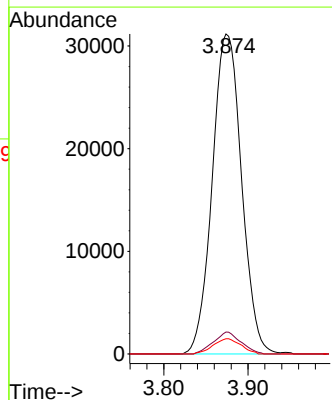
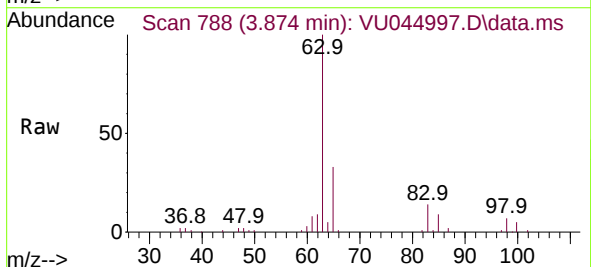
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0929MBSD01

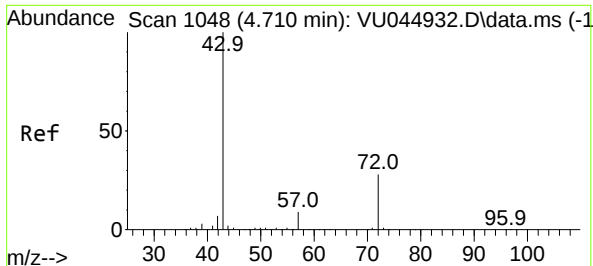
Tgt Ion: 43 Resp: 531497  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 17.536 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. 0.004 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

Tgt Ion: 63 Resp: 75280  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.4  
 100 4.8 2.1 6.3





#25

2-Butanone

Concen: 79.195 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.007 min

Lab File: VU044997.D

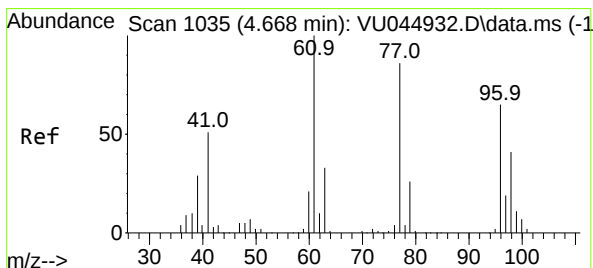
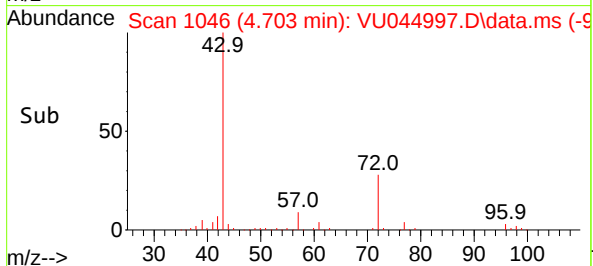
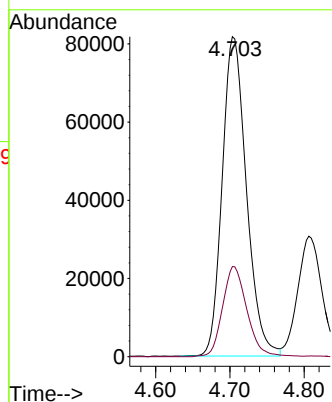
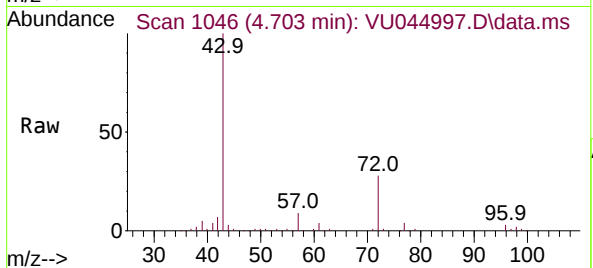
Acq: 29 Sep 2021 16:51

Tgt Ion: 43 Resp: 185599

Ion Ratio Lower Upper

43 100

72 28.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 15.974 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU044997.D

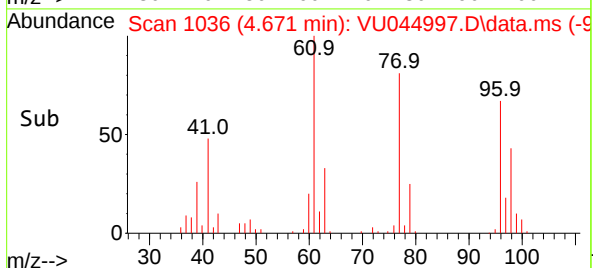
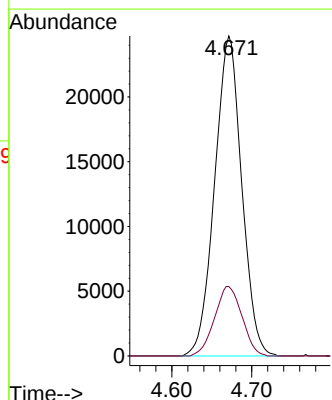
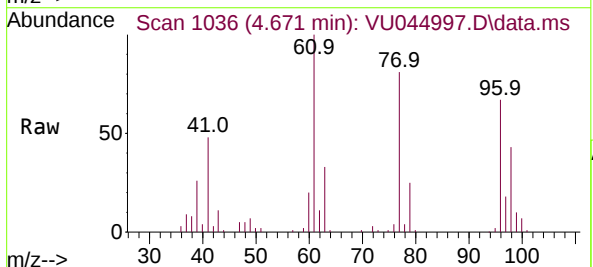
Acq: 29 Sep 2021 16:51

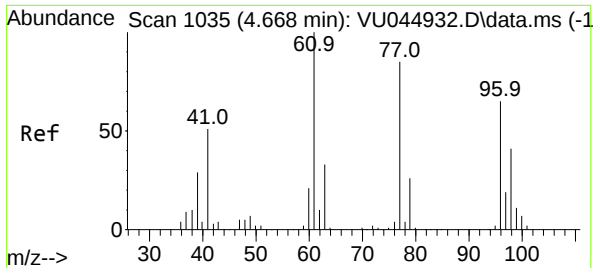
Tgt Ion: 77 Resp: 57979

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.4



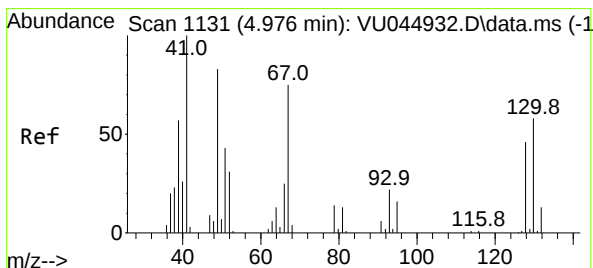
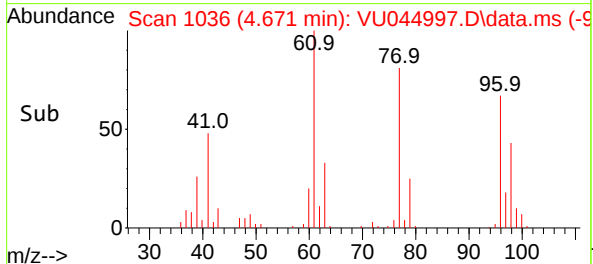
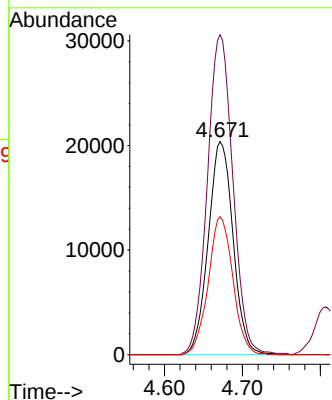
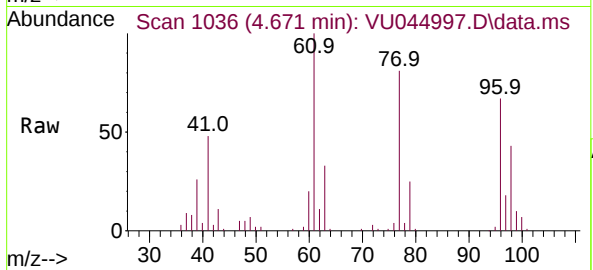


#27

cis-1,2-Dichloroethene  
Concen: 17.668 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

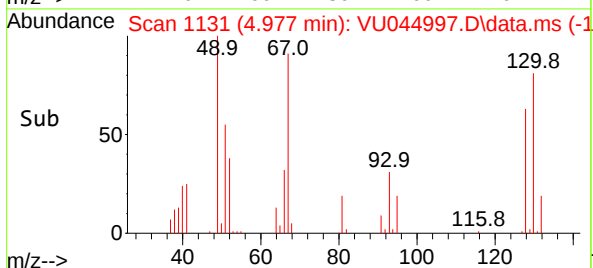
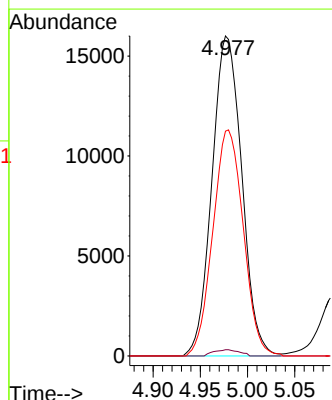
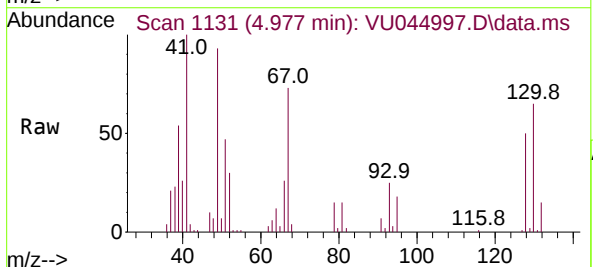
Tgt Ion: 96 Resp: 45180  
Ion Ratio Lower Upper  
96 100  
61 154.3 0.0 313.4  
98 64.2 0.0 127.0

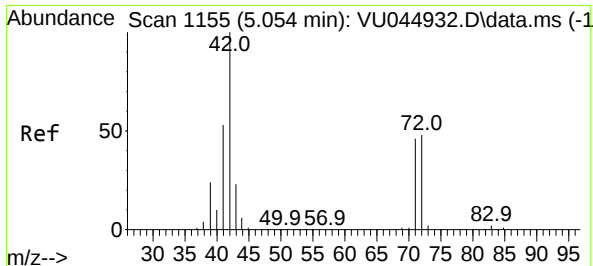


#28

Bromochloromethane  
Concen: 19.711 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 49 Resp: 35072  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 3.2  
130 72.2 53.4 80.2





#29

Tetrahydrofuran

Concen: 86.419 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

Instrument :

MSVOA\_U

ClientSampleId :

VU0929MBSD01

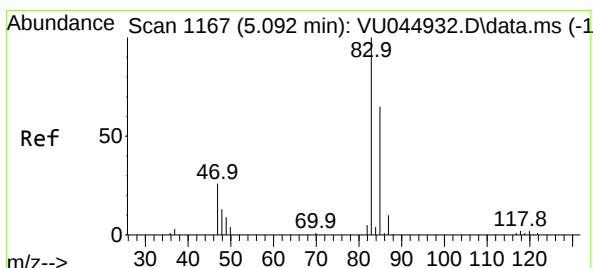
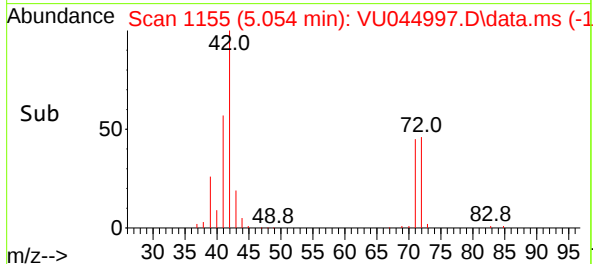
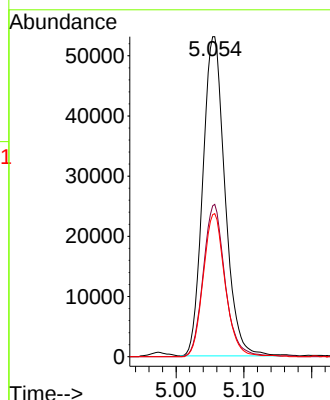
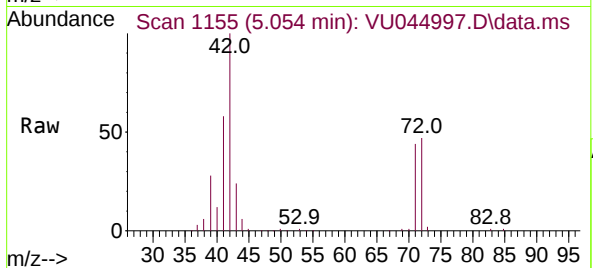
Tgt Ion: 42 Resp: 120560

Ion Ratio Lower Upper

42 100

72 46.9 36.2 54.4

71 44.0 34.1 51.1



#30

Chloroform

Concen: 17.286 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU044997.D

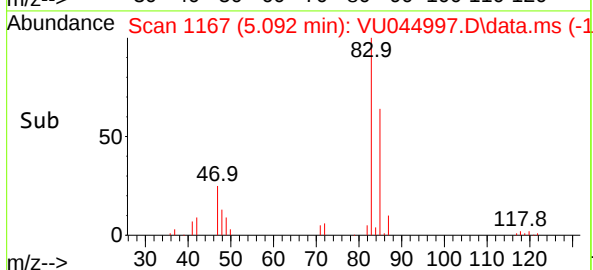
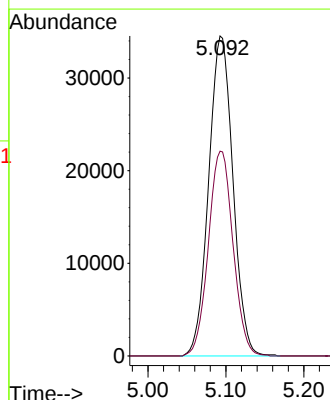
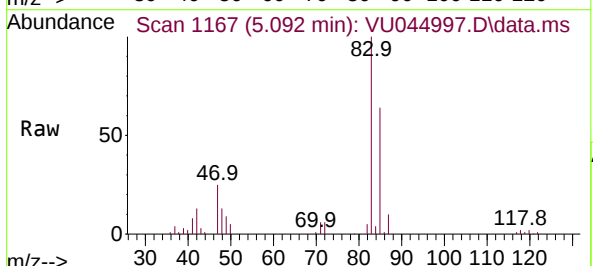
Acq: 29 Sep 2021 16:51

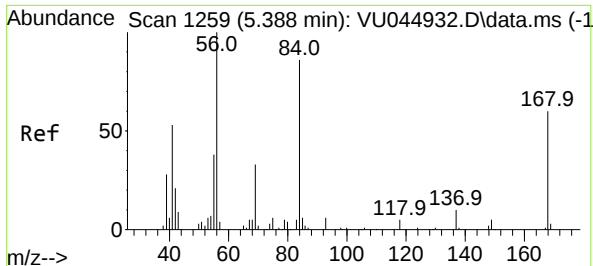
Tgt Ion: 83 Resp: 74796

Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1





#31

Cyclohexane

Concen: 16.882 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

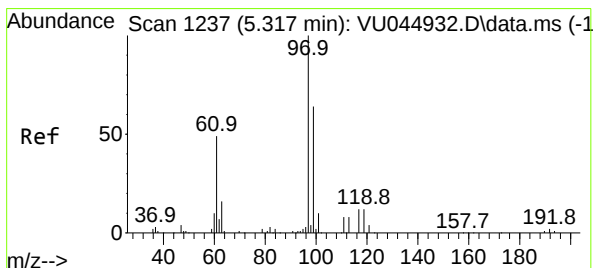
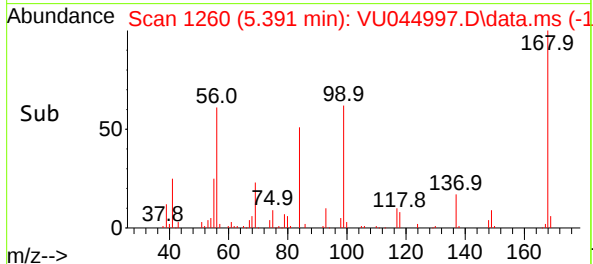
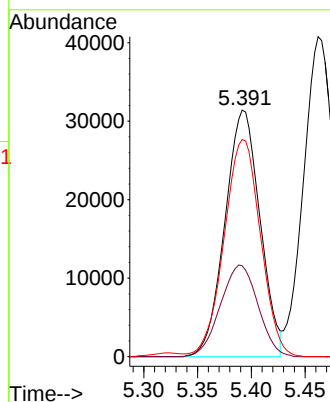
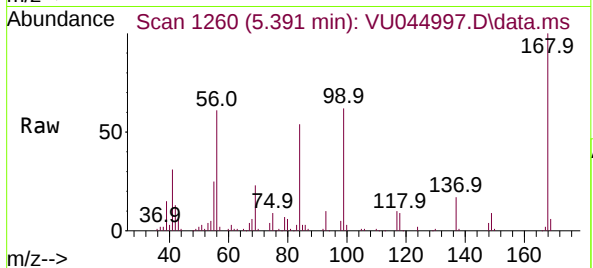
Tgt Ion: 56 Resp: 71261

Ion Ratio Lower Upper

56 100

69 36.9 25.2 37.8

84 86.9 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 17.193 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.004 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

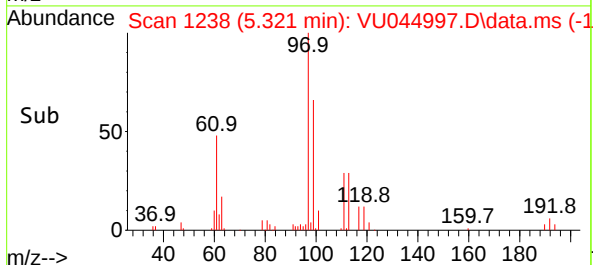
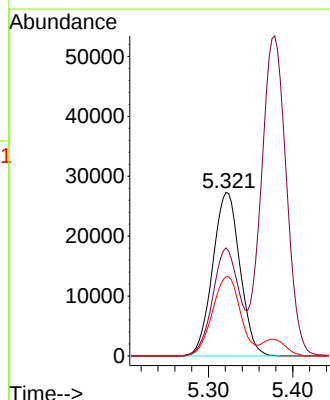
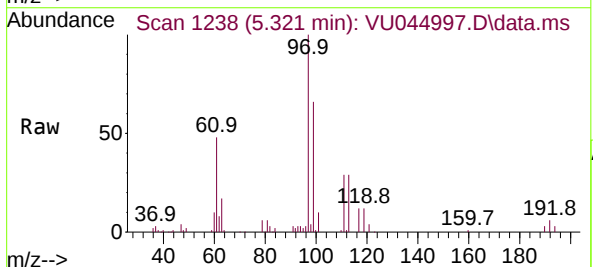
Tgt Ion: 97 Resp: 61380

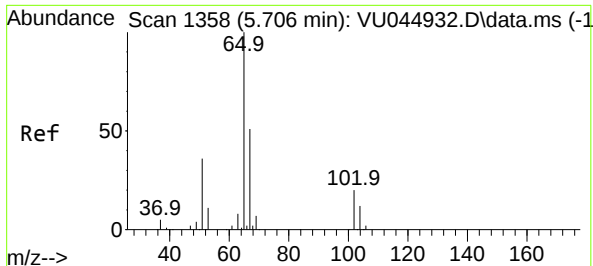
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 50.4 40.7 61.1



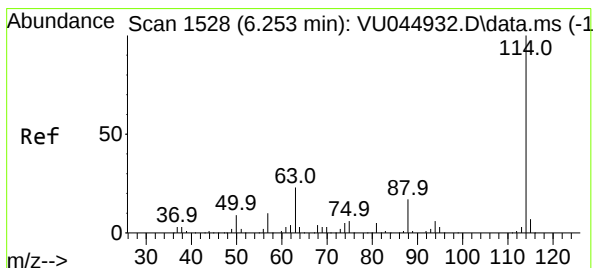
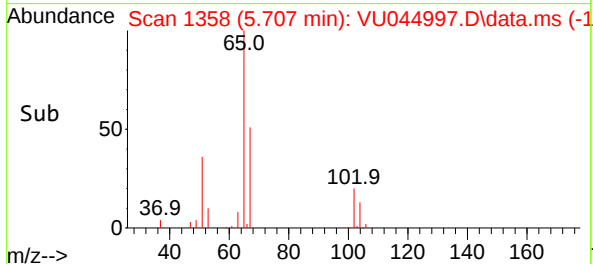
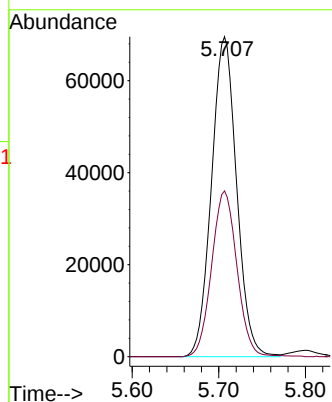
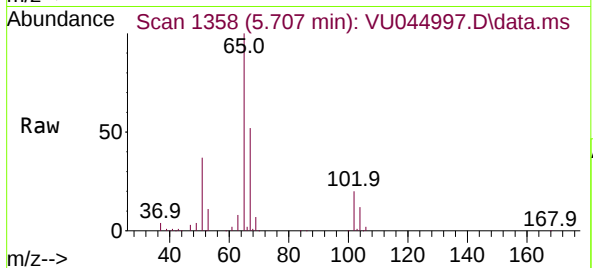


#33

1,2-Dichloroethane-d4  
Concen: 50.428 ug/l  
RT: 5.707 min Scan# 1358  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

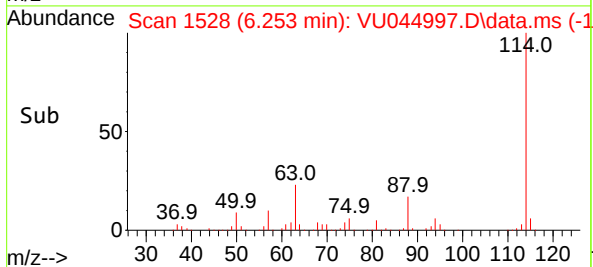
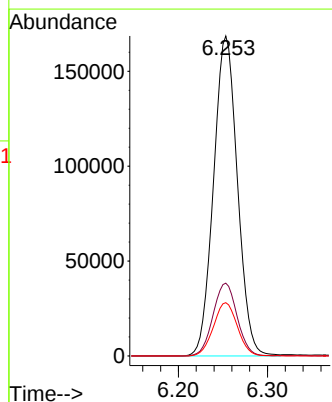
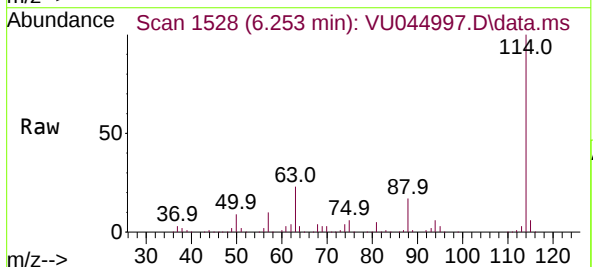
Tgt Ion: 65 Resp: 140135  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.8

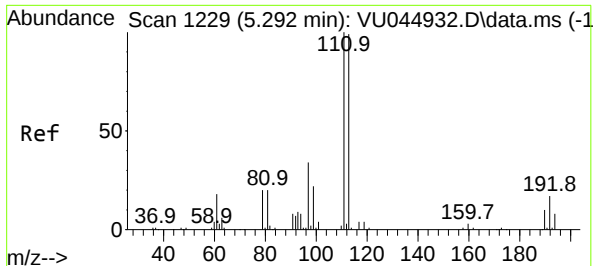


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 114 Resp: 314128  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 47.8  
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.854 ug/l

RT: 5.295 min Scan# 1230

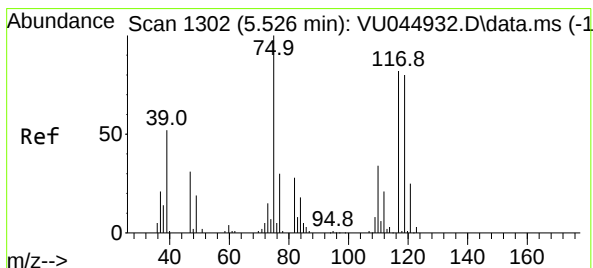
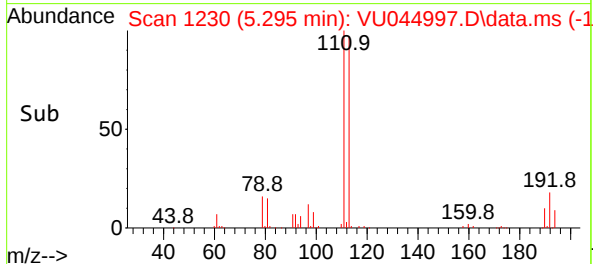
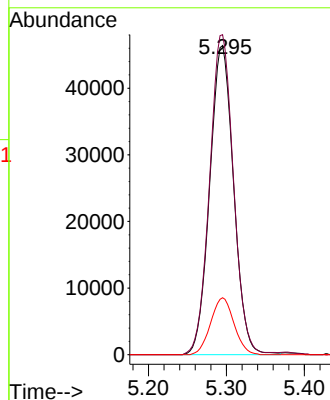
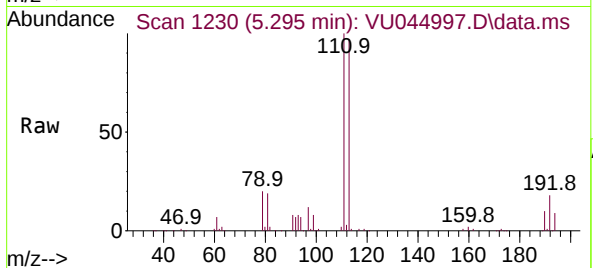
Delta R.T. 0.003 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 98791 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.4 | 84.1  | 126.1 |
| 192      | 18.0  | 14.8  | 22.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01



#36

1,1-Dichloropropene

Concen: 16.720 ug/l

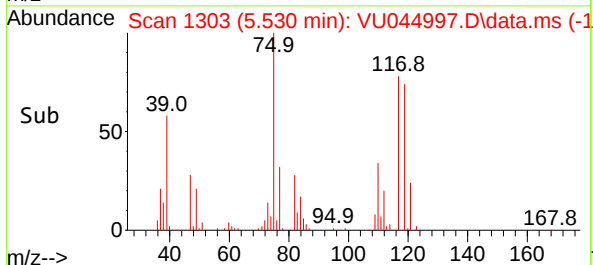
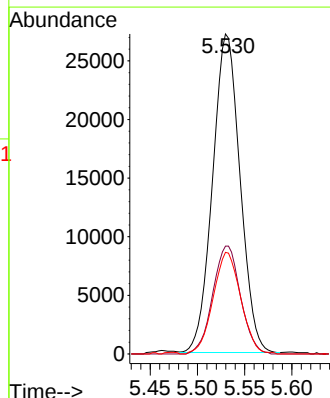
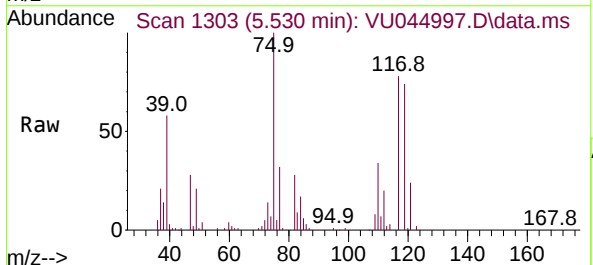
RT: 5.530 min Scan# 1303

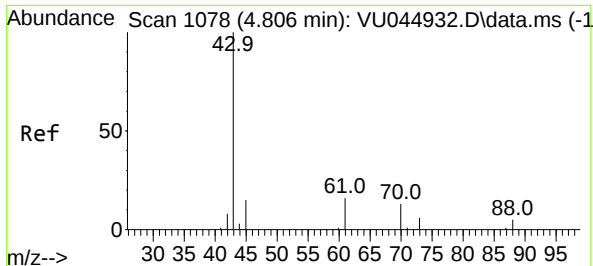
Delta R.T. 0.004 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 54927 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.1  | 16.3  | 48.9  |
| 77       | 32.0  | 25.0  | 37.4  |





#37

Ethyl Acetate

Concen: 16.363 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

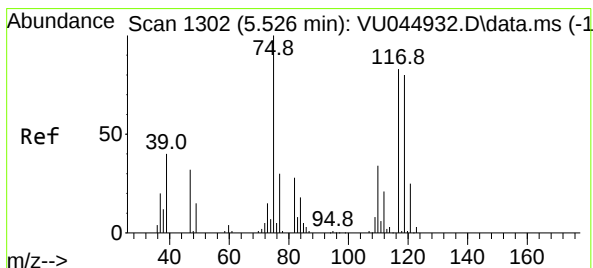
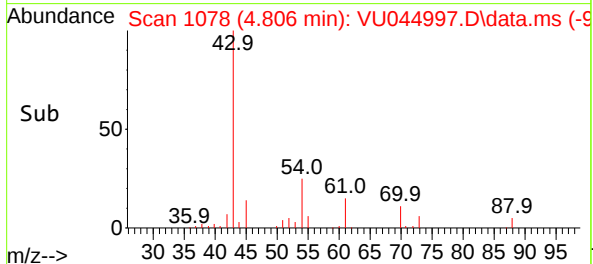
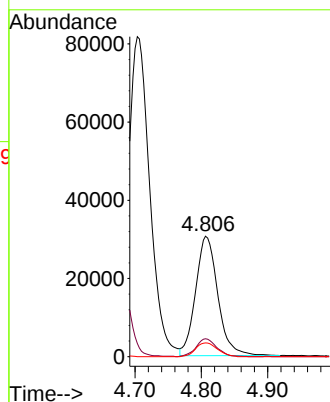
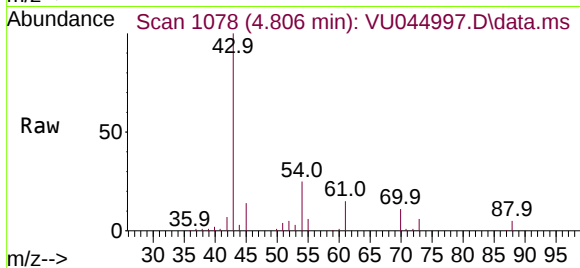
Instrument :

MSVOA\_U

ClientSampleId :

VU0929MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71122 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.1  | 10.9  | 16.3  |
| 70       | 11.4  | 8.2   | 12.4  |



#38

Carbon Tetrachloride

Concen: 16.329 ug/l

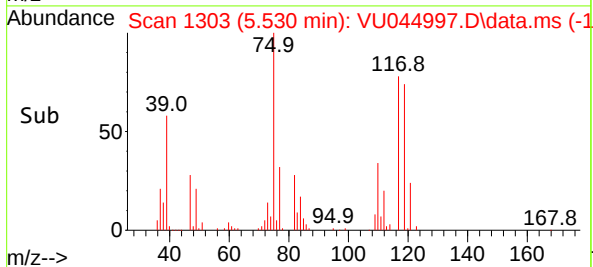
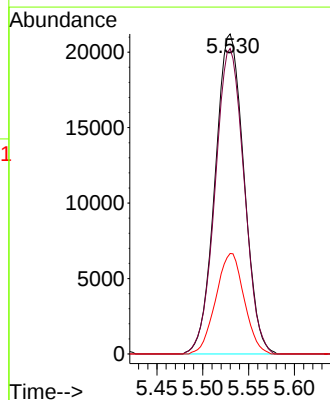
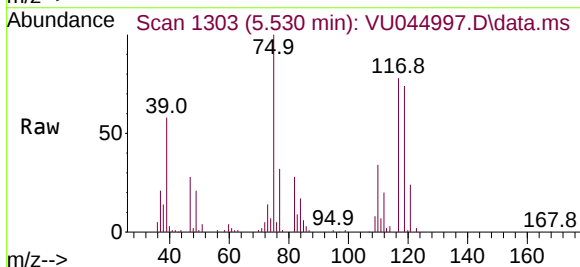
RT: 5.530 min Scan# 1303

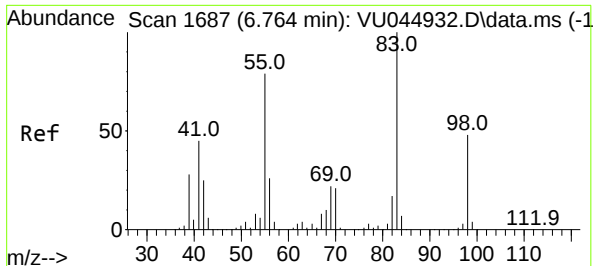
Delta R.T. 0.004 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46416 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.5  | 77.4  | 116.2 |
| 121      | 31.4  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 16.344 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.004 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

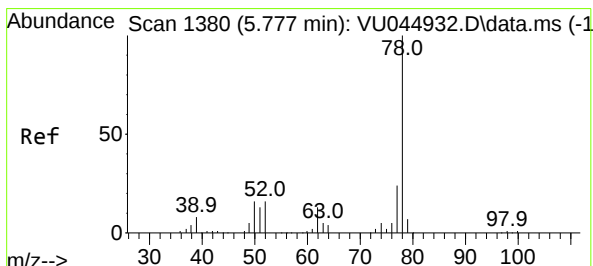
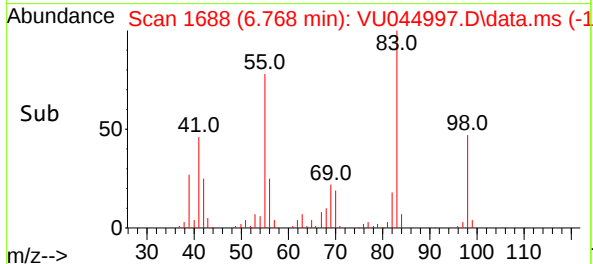
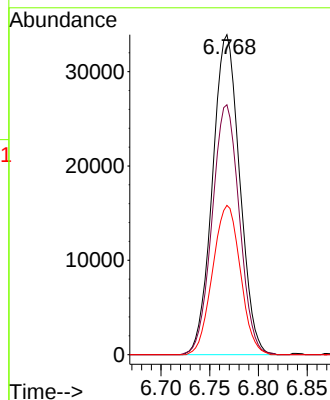
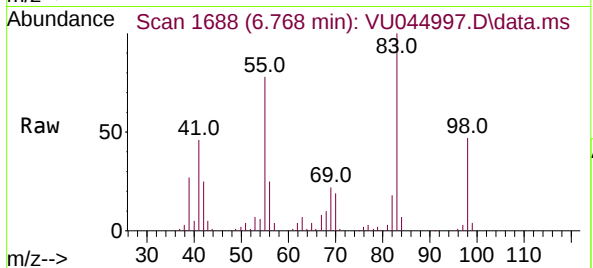
Instrument :

MSVOA\_U

ClientSampleId :

VU0929MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 65913 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 78.1  | 66.2  | 99.4  |
| 98       | 46.6  | 37.5  | 56.3  |



#40

Benzene

Concen: 17.129 ug/l

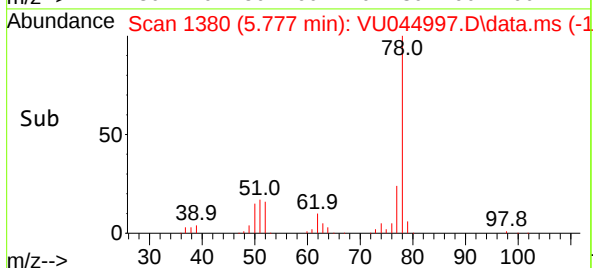
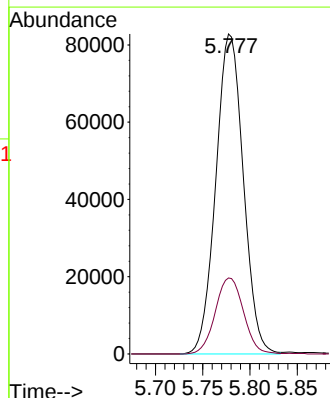
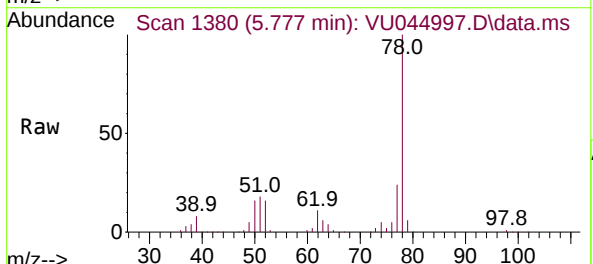
RT: 5.777 min Scan# 1380

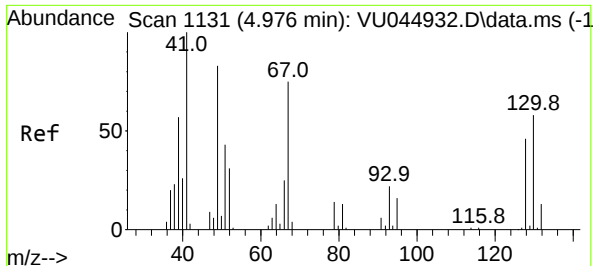
Delta R.T. 0.000 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 167588 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.8  | 19.1  | 28.7   |



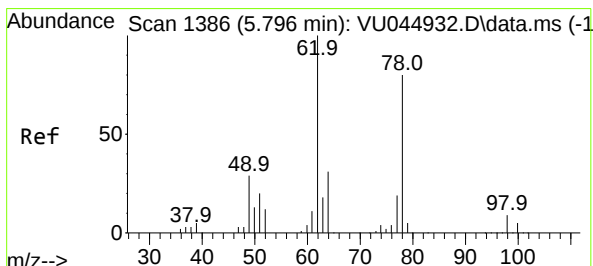
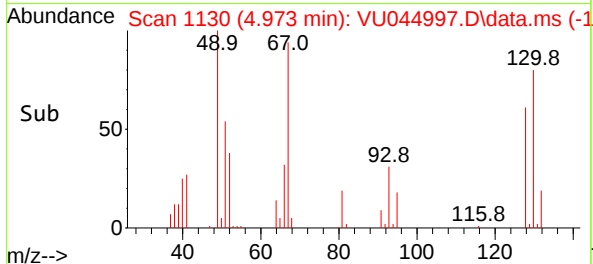
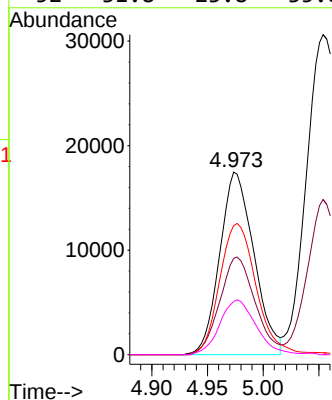
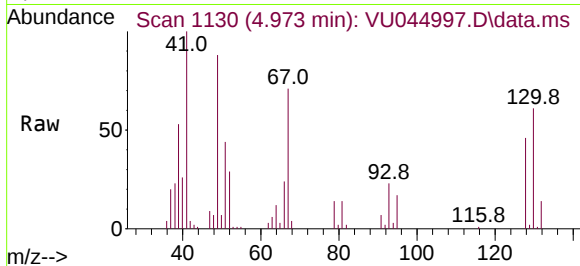


#41  
Methacrylonitrile  
Concen: 16.705 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

Tgt Ion: 41 Resp: 37379

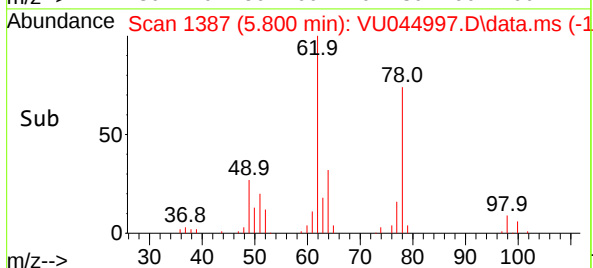
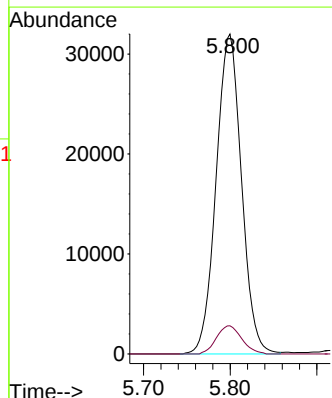
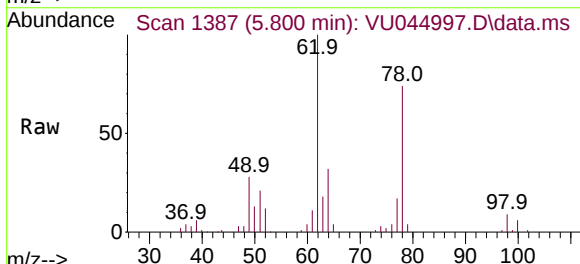
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.2  | 44.4  | 66.6  |
| 67  | 76.9  | 58.1  | 87.1  |
| 52  | 31.8  | 23.8  | 35.8  |

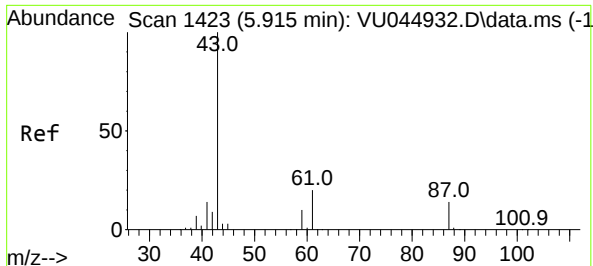


#42  
1,2-Dichloroethane  
Concen: 16.914 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. 0.004 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 62 Resp: 65044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.8  |

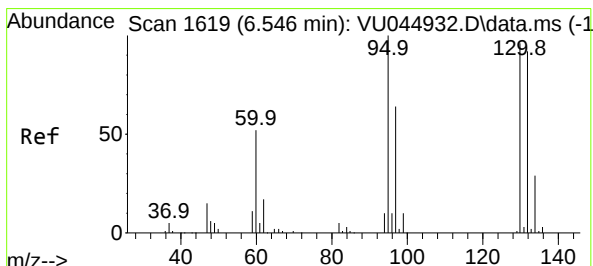
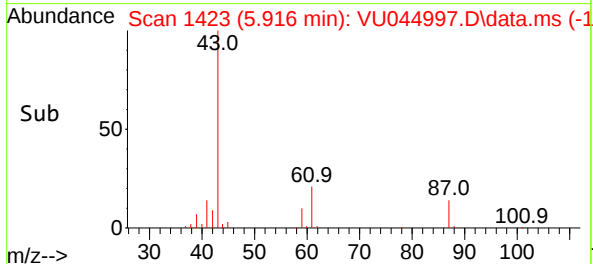
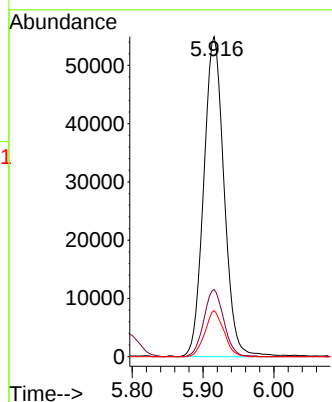
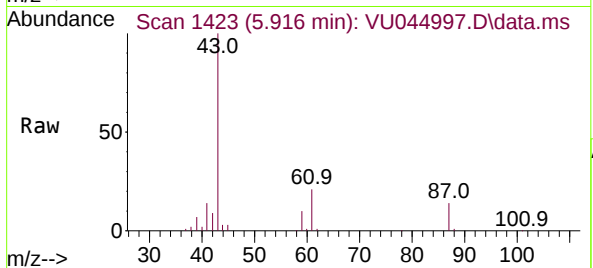




#43  
Isopropyl Acetate  
Concen: 16.742 ug/l  
RT: 5.916 min Scan# 1423  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

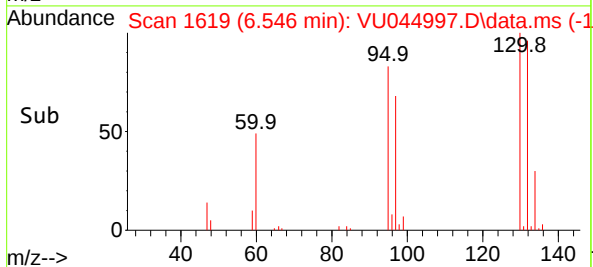
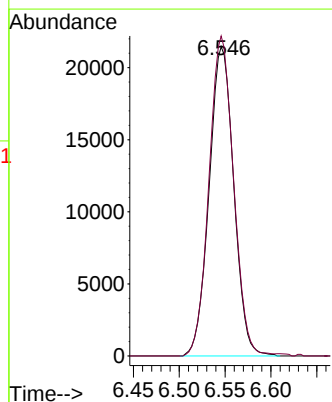
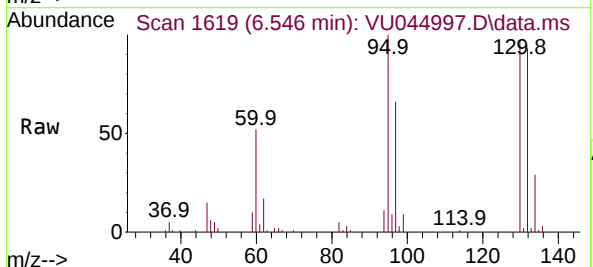
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

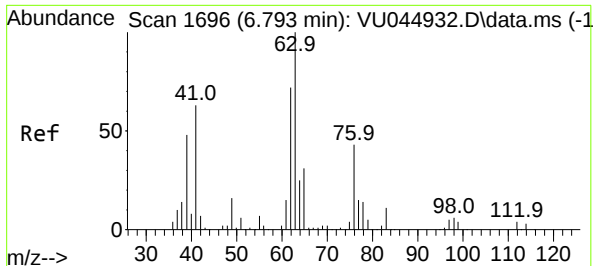
Tgt Ion: 43 Resp: 109478  
Ion Ratio Lower Upper  
43 100  
61 20.7 16.1 24.1  
87 13.4 10.3 15.5



#44  
Trichloroethene  
Concen: 17.351 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 130 Resp: 40026  
Ion Ratio Lower Upper  
130 100  
95 103.5 0.0 209.0



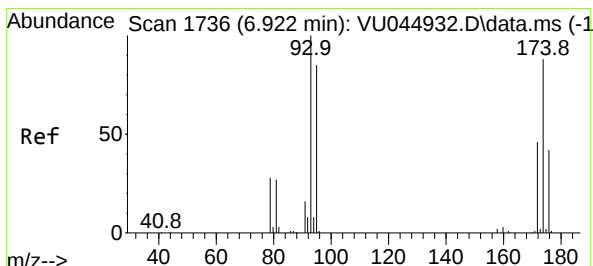
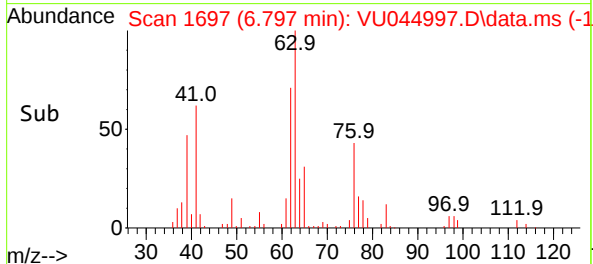
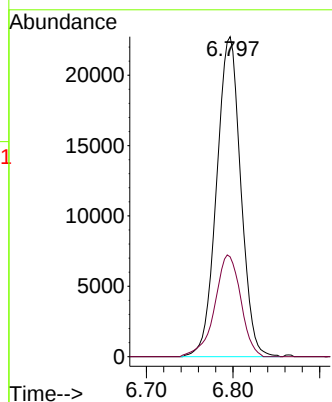
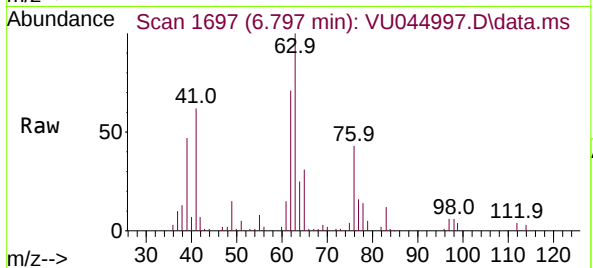


#45

1,2-Dichloropropane  
Concen: 16.954 ug/l  
RT: 6.797 min Scan# 1697  
Delta R.T. 0.004 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

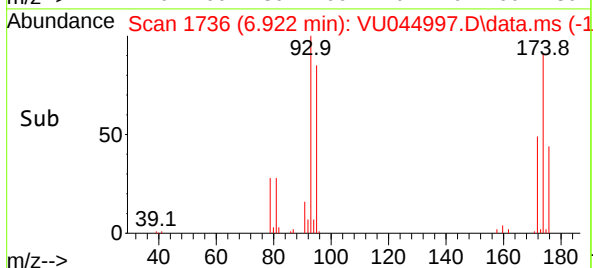
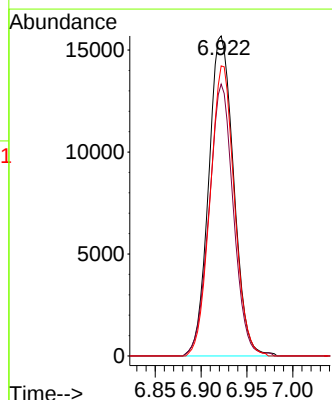
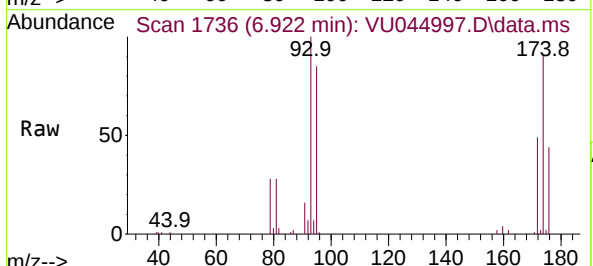
Tgt Ion: 63 Resp: 43979  
Ion Ratio Lower Upper  
63 100  
65 31.2 23.9 35.9

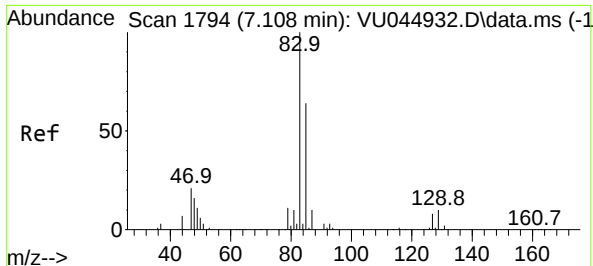


#46

Dibromomethane  
Concen: 17.078 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 93 Resp: 29842  
Ion Ratio Lower Upper  
93 100  
95 82.4 65.6 98.4  
174 87.8 70.7 106.1





#47

Bromodichloromethane

Concen: 16.589 ug/l

RT: 7.108 min Scan# 1794

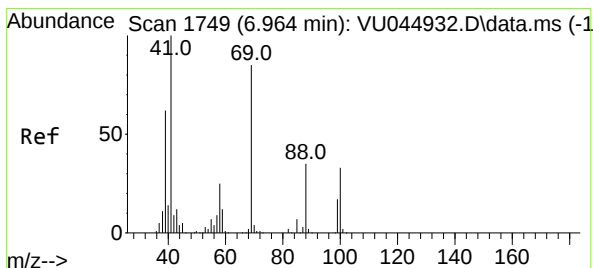
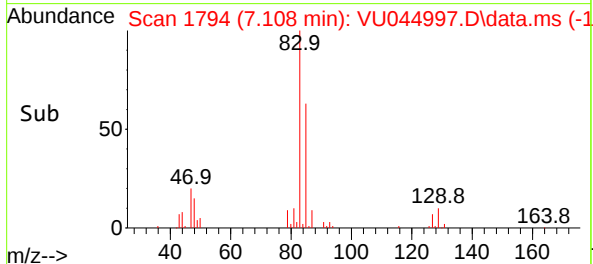
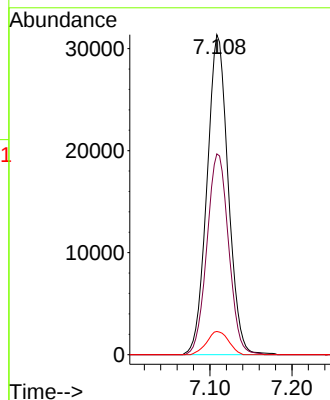
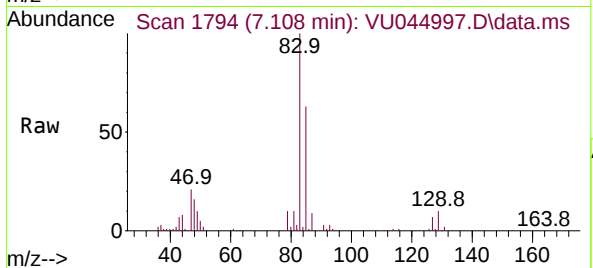
Delta R.T. 0.000 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 56283 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.7  | 51.6  | 77.4  |
| 127      | 7.2   | 6.2   | 9.4   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01



#48

Methyl methacrylate

Concen: 16.049 ug/l

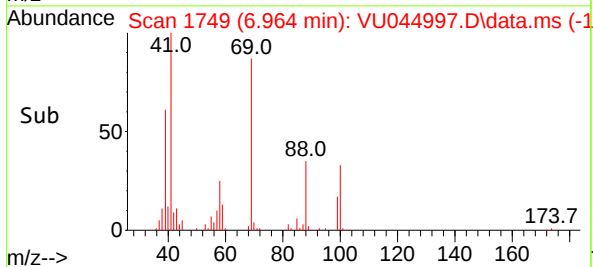
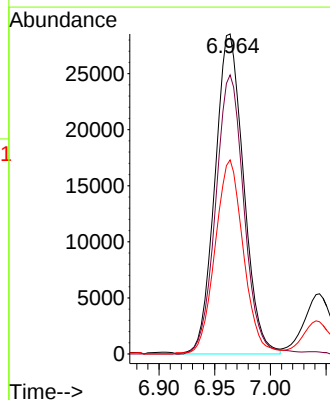
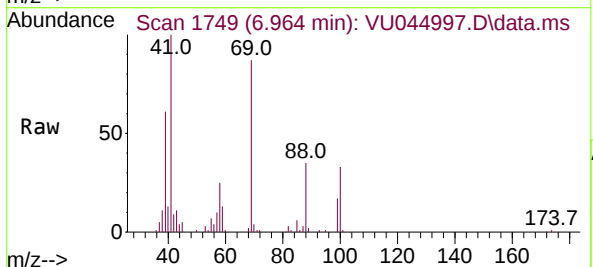
RT: 6.964 min Scan# 1749

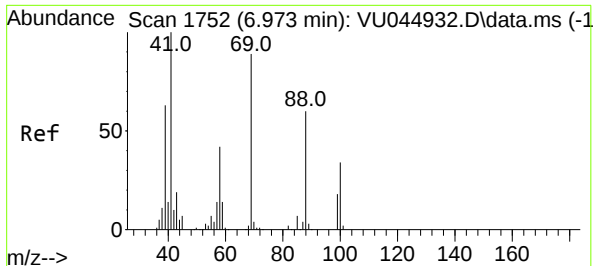
Delta R.T. -0.000 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 51081 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.9  | 65.6  | 98.4  |
| 39       | 59.9  | 46.2  | 69.4  |





#49

1,4-Dioxane

Concen: 214.180 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

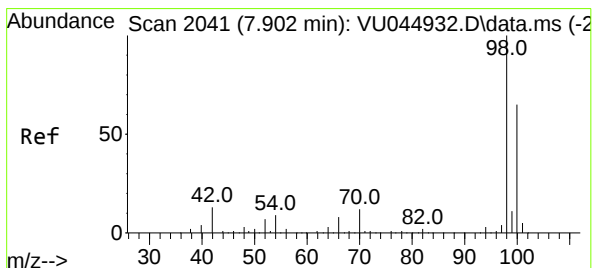
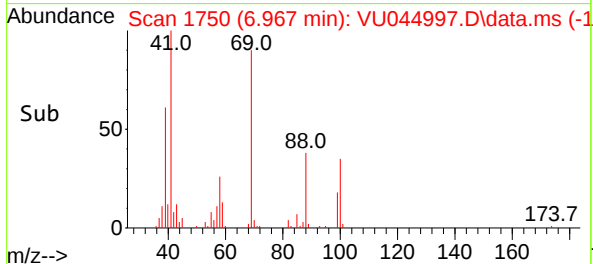
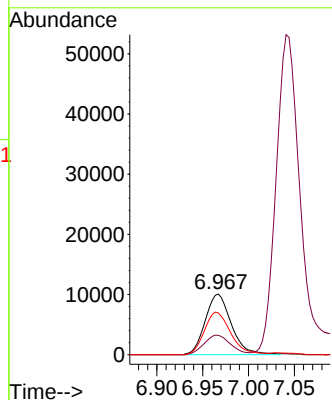
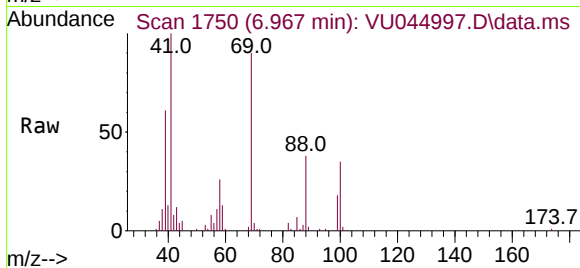
Tgt Ion: 88 Resp: 19922

Ion Ratio Lower Upper

88 100

43 32.9 25.8 38.6

58 70.7 61.3 91.9



#50

Toluene-d8

Concen: 50.650 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044997.D

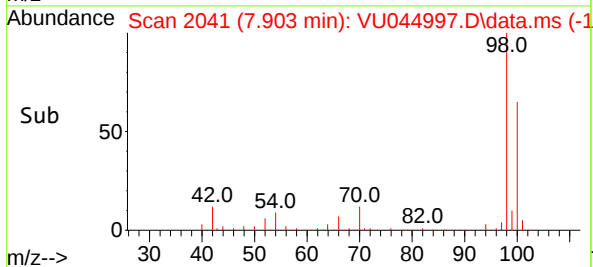
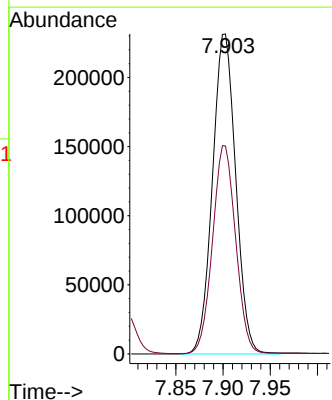
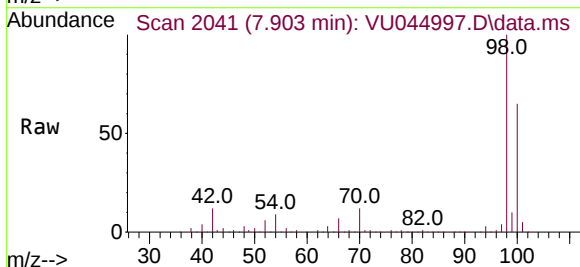
Acq: 29 Sep 2021 16:51

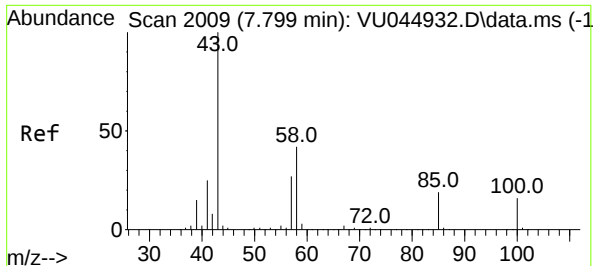
Tgt Ion: 98 Resp: 396579

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7

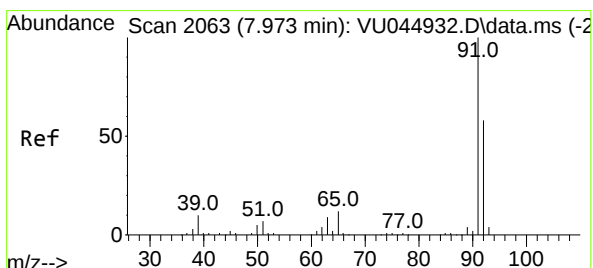
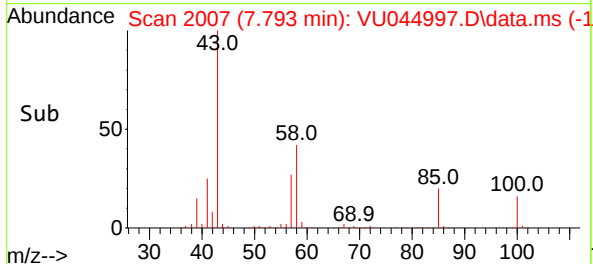
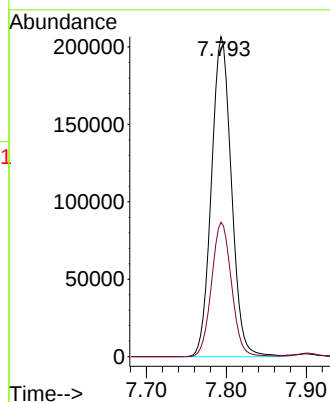
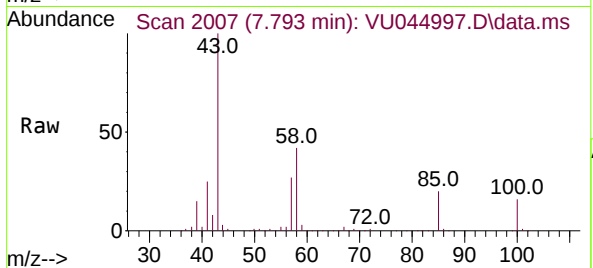




#51  
4-Methyl-2-Pentanone  
Concen: 75.543 ug/l  
RT: 7.793 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

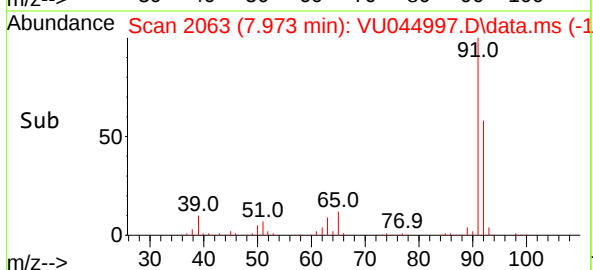
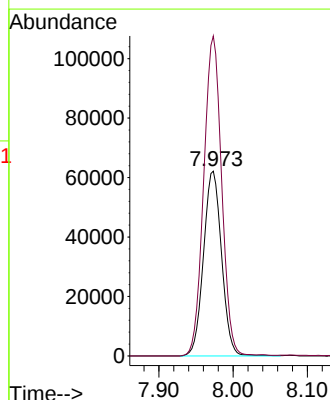
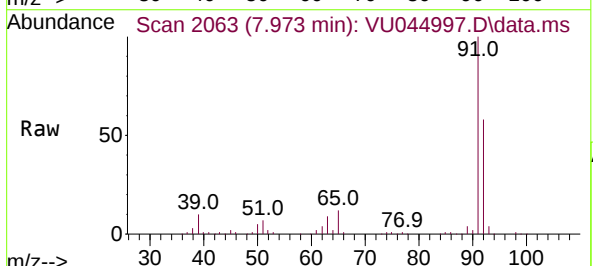
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

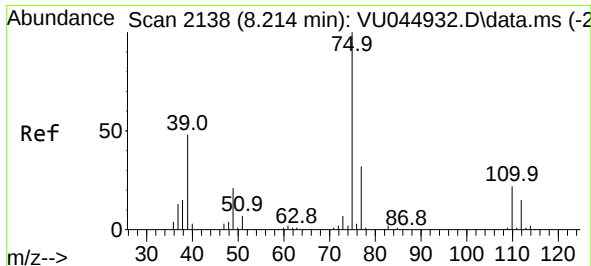
Tgt Ion: 43 Resp: 359621  
Ion Ratio Lower Upper  
43 100  
58 42.0 32.4 48.6



#52  
Toluene  
Concen: 17.123 ug/l  
RT: 7.973 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 92 Resp: 104850  
Ion Ratio Lower Upper  
92 100  
91 171.8 136.9 205.3

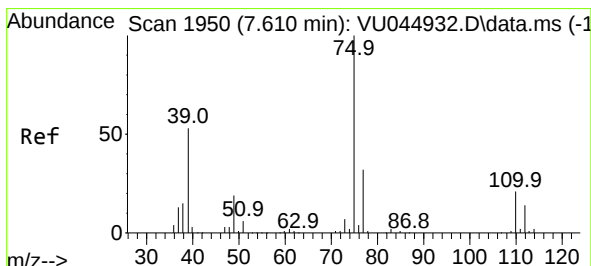
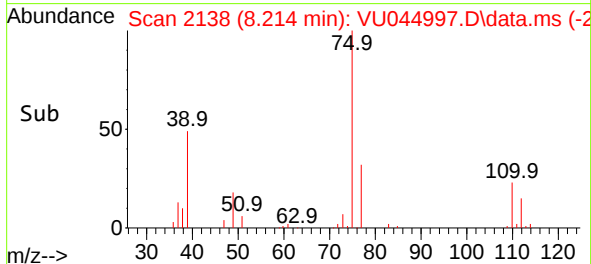
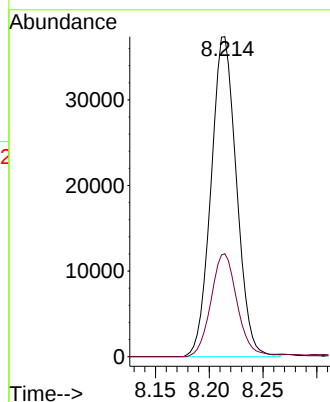
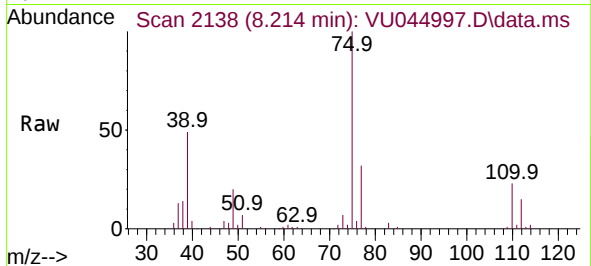




#53  
t-1,3-Dichloropropene  
Concen: 15.850 ug/l  
RT: 8.214 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

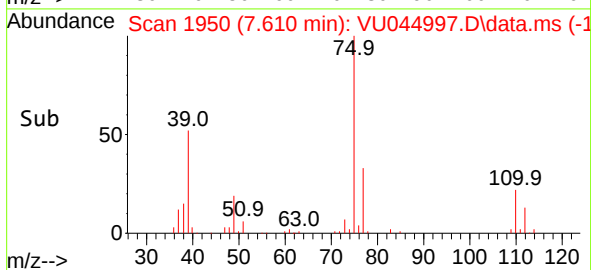
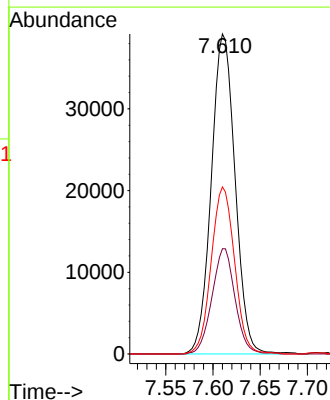
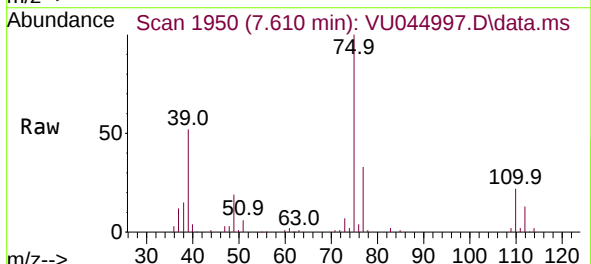
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

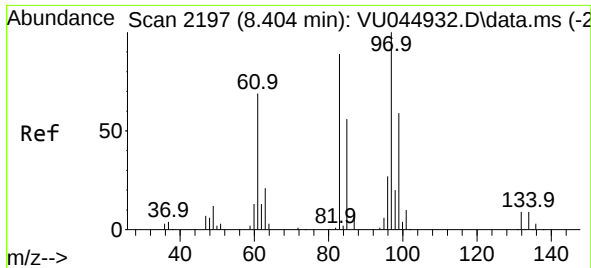
Tgt Ion: 75 Resp: 61498  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 16.973 ug/l  
RT: 7.610 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 75 Resp: 68597  
Ion Ratio Lower Upper  
75 100  
77 32.9 25.0 37.6  
39 52.2 41.4 62.2

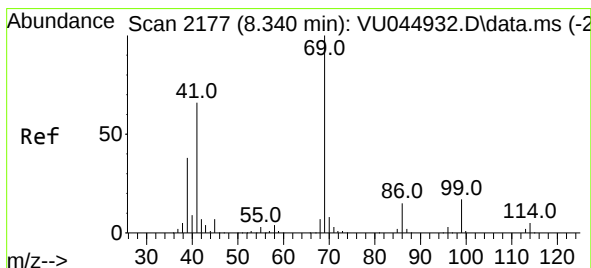
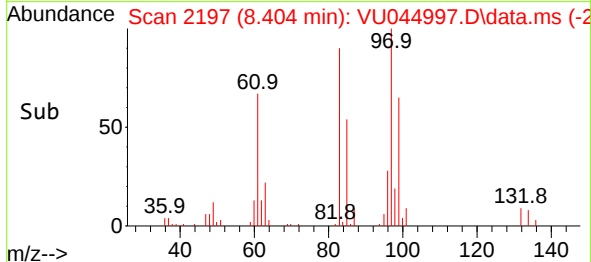
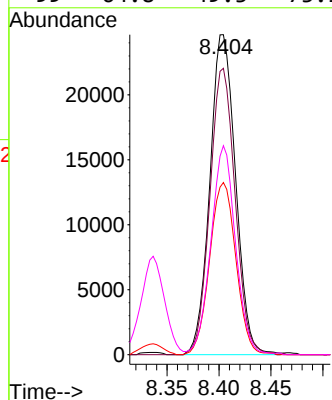
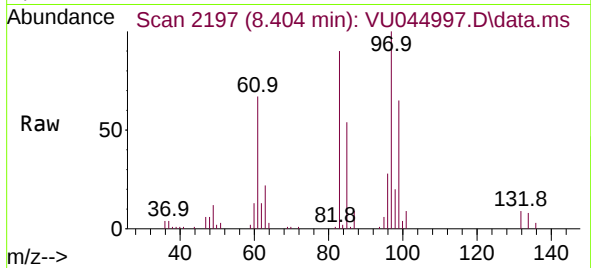




#55  
1,1,2-Trichloroethane  
Concen: 16.638 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

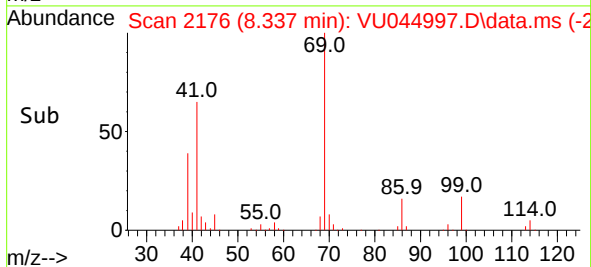
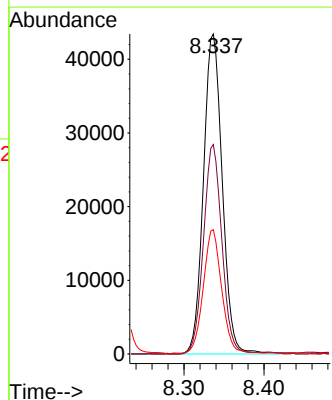
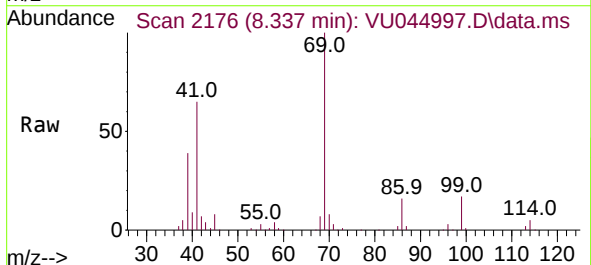
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

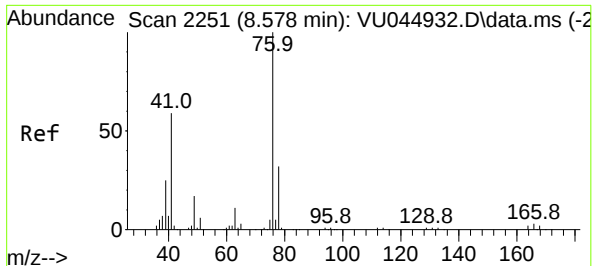
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 42452 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.5  | 69.7  | 104.5 |
| 85       | 53.8  | 44.8  | 67.2  |
| 99       | 64.8  | 49.3  | 73.9  |



#56  
Ethyl methacrylate  
Concen: 15.670 ug/l  
RT: 8.337 min Scan# 2176  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 71202 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.0  | 53.5  | 80.3  |
| 39       | 37.5  | 31.1  | 46.7  |



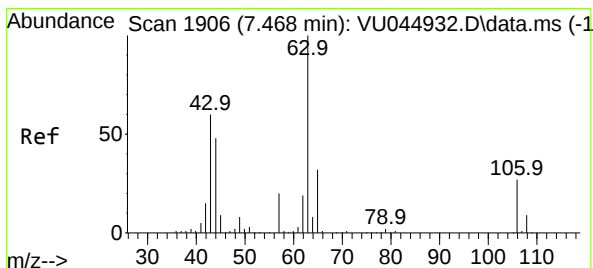
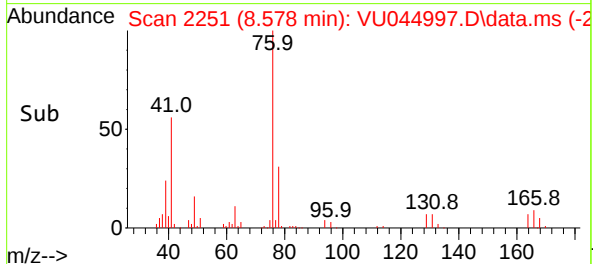
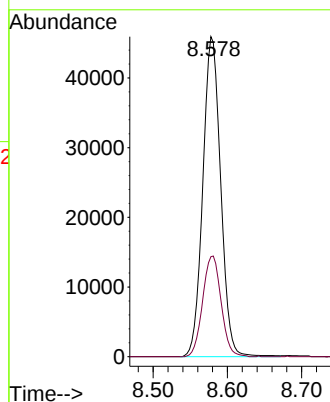
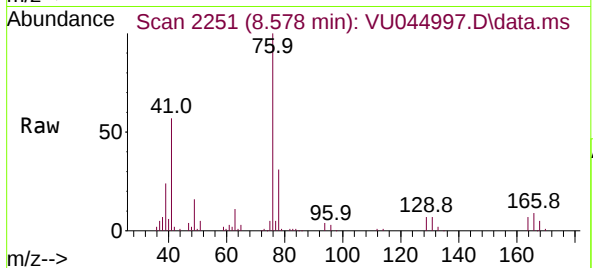


#57

1,3-Dichloropropane  
Concen: 16.841 ug/l  
RT: 8.578 min Scan# 2251  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

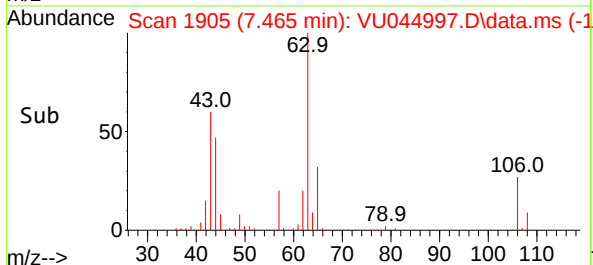
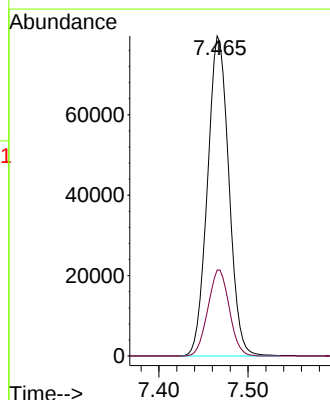
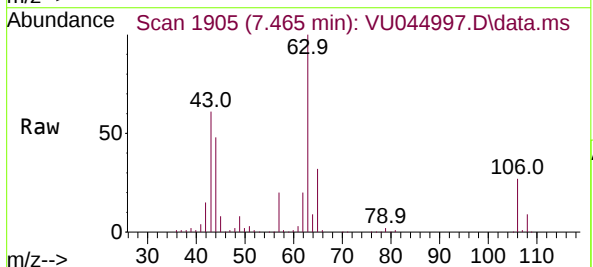
Tgt Ion: 76 Resp: 76685  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.7 38.5

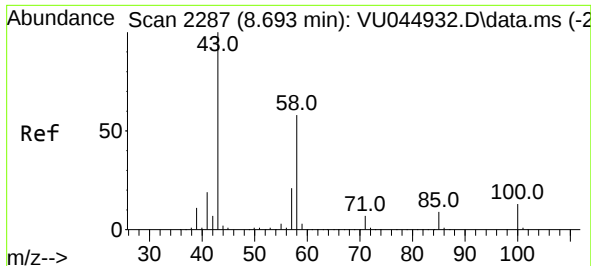


#58

2-Chloroethyl Vinyl ether  
Concen: 98.265 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 63 Resp: 132565  
Ion Ratio Lower Upper  
63 100  
106 26.9 20.5 30.7

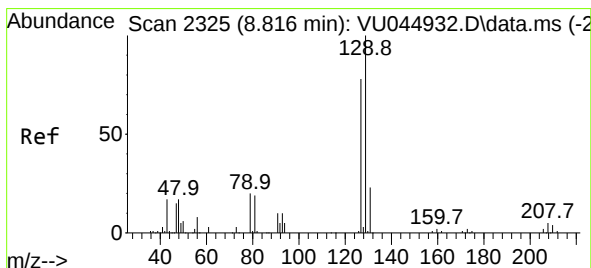
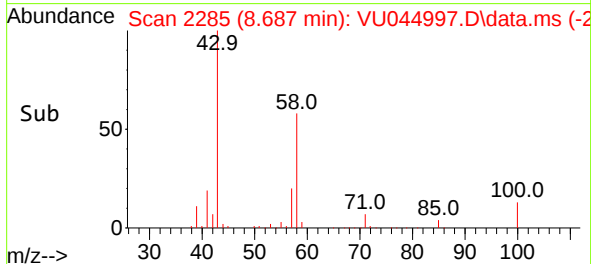
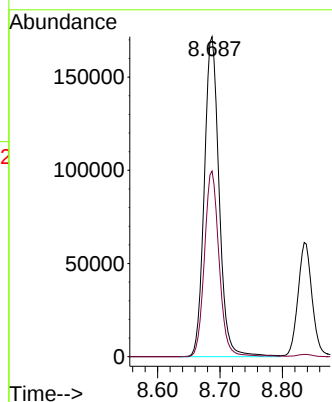
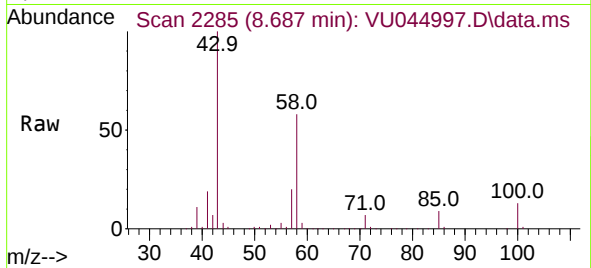




#59  
2-Hexanone  
Concen: 73.355 ug/l  
RT: 8.687 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

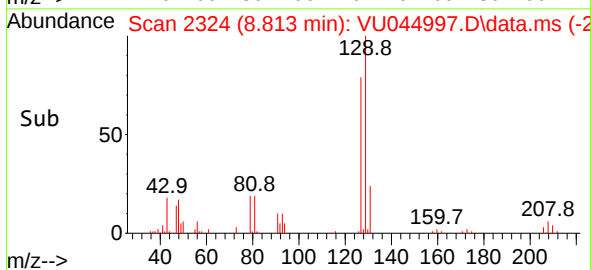
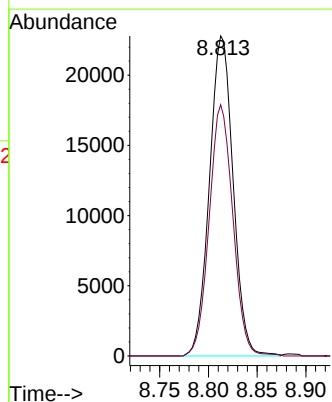
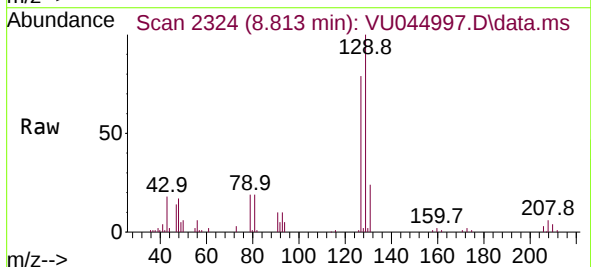
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

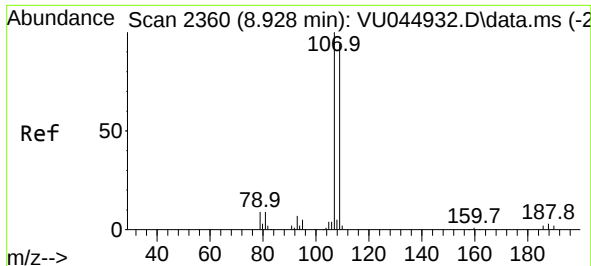
Tgt Ion: 43 Resp: 284373  
Ion Ratio Lower Upper  
43 100  
58 57.2 28.0 84.0



#60  
Dibromochloromethane  
Concen: 15.803 ug/l  
RT: 8.813 min Scan# 2324  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:129 Resp: 38541  
Ion Ratio Lower Upper  
129 100  
127 78.5 39.0 117.0

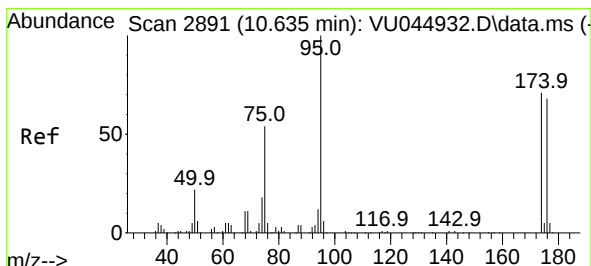
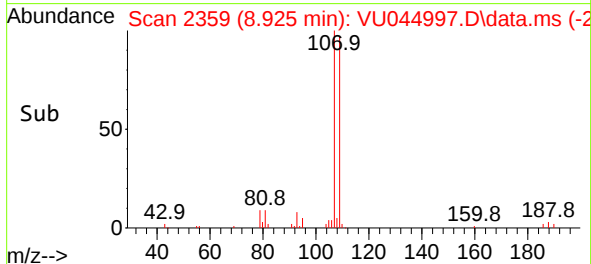
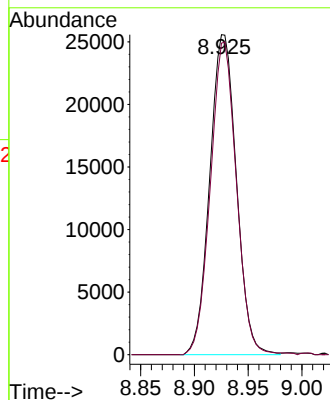
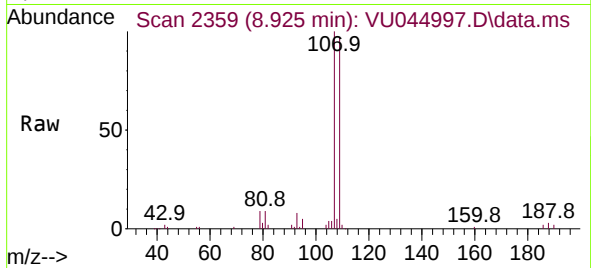




#61  
1,2-Dibromoethane  
Concen: 16.227 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

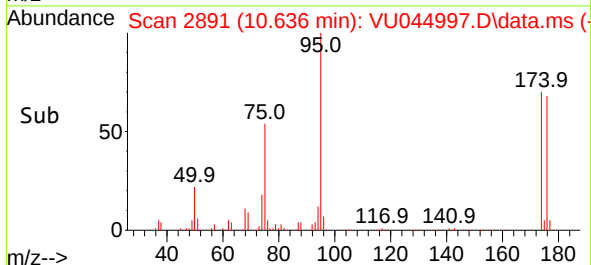
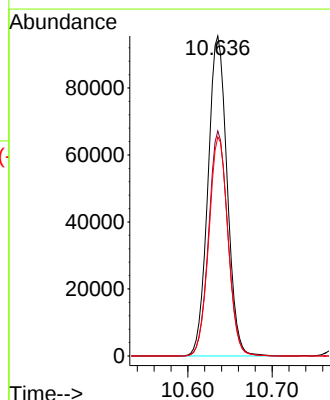
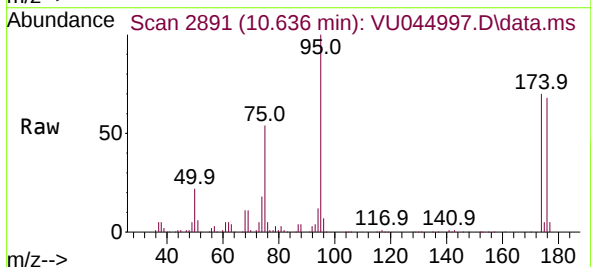
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

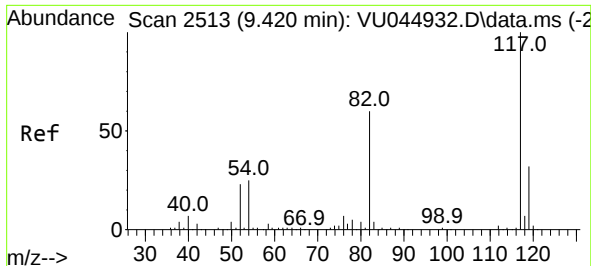
Tgt Ion:107 Resp: 44010  
Ion Ratio Lower Upper  
107 100  
109 95.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 46.822 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 95 Resp: 151355  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 146.6  
176 68.2 0.0 141.2

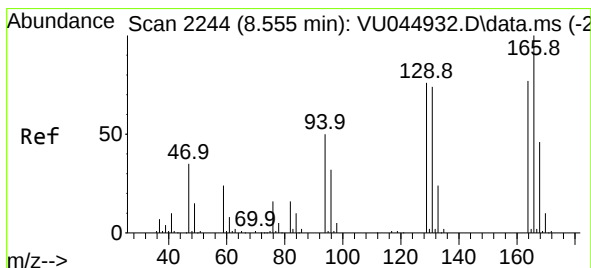
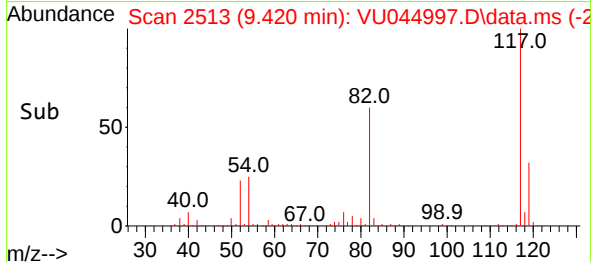
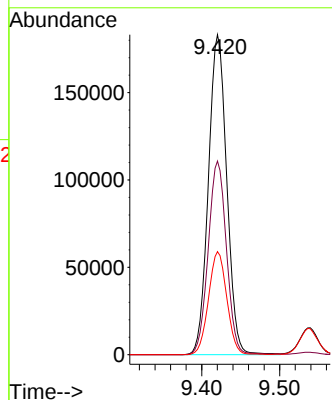
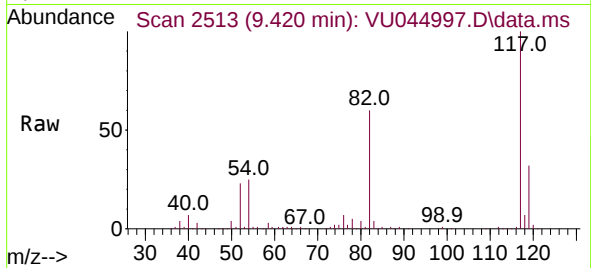




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

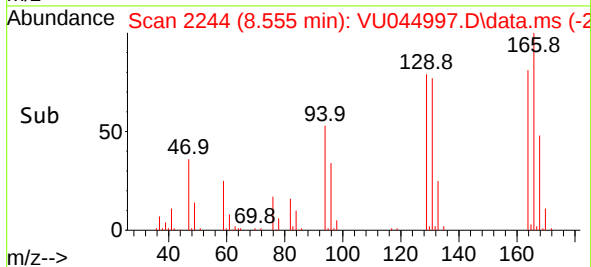
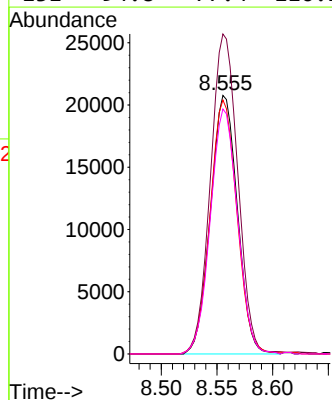
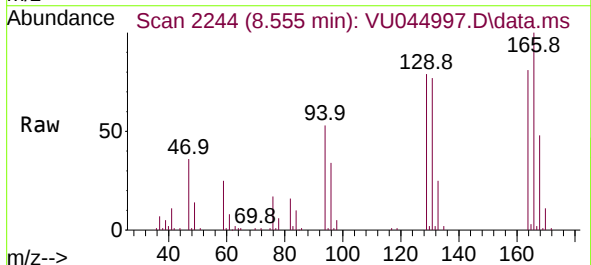
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

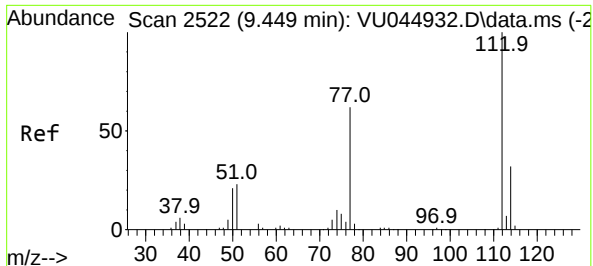
Tgt Ion:117 Resp: 299846  
Ion Ratio Lower Upper  
117 100  
82 60.5 47.8 71.8  
119 32.2 25.8 38.6



#64  
Tetrachloroethene  
Concen: 17.872 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:164 Resp: 34976  
Ion Ratio Lower Upper  
164 100  
166 123.8 102.8 154.2  
129 98.2 79.4 119.2  
131 94.8 77.4 116.2

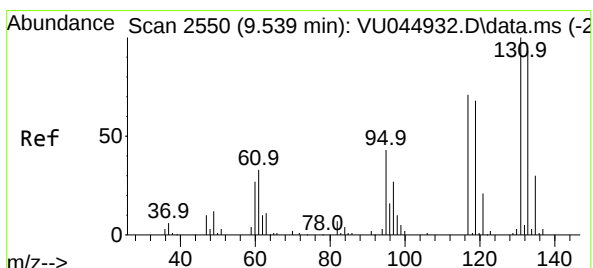
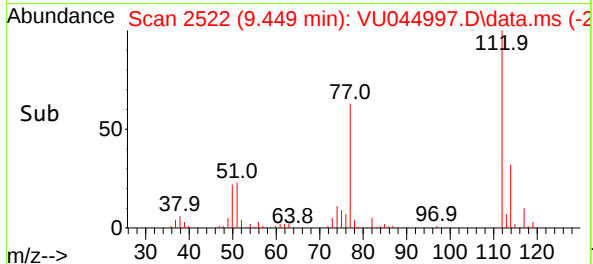
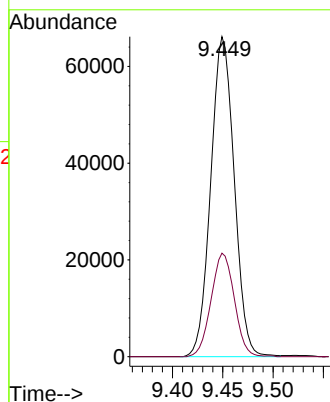
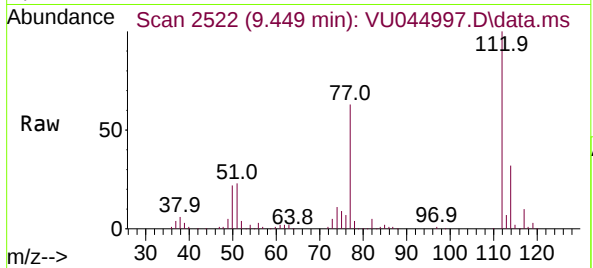




#65  
Chlorobenzene  
Concen: 17.106 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

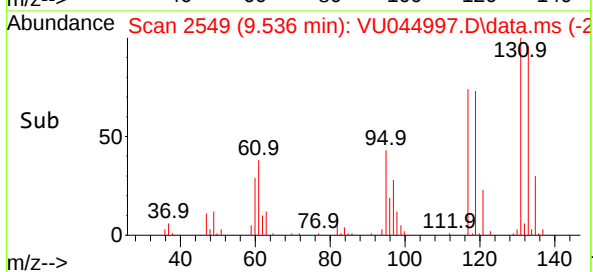
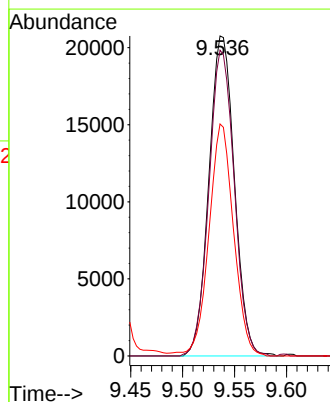
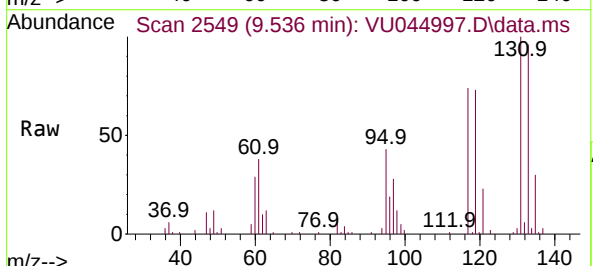
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

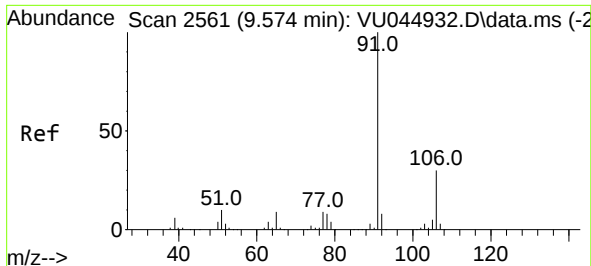
Tgt Ion:112 Resp: 107535  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 16.123 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:131 Resp: 35386  
Ion Ratio Lower Upper  
131 100  
133 95.1 48.1 144.3  
119 70.3 34.1 102.3





#67

Ethyl Benzene

Concen: 17.449 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.001 min

Lab File: VU044997.D

Acq: 29 Sep 2021 16:51

Tgt Ion: 91 Resp: 201851

Ion Ratio Lower Upper

91 100

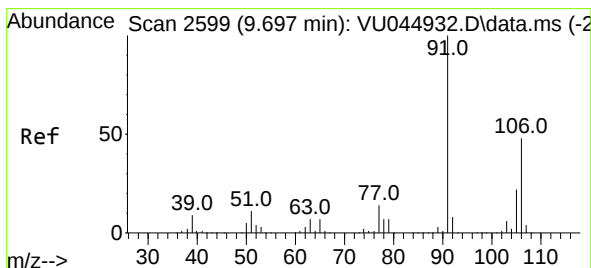
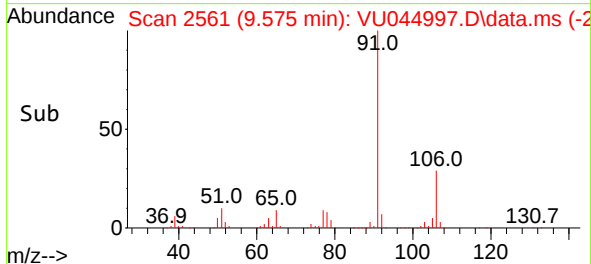
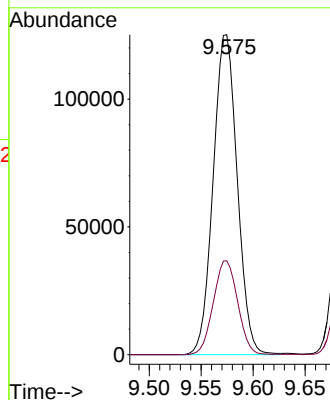
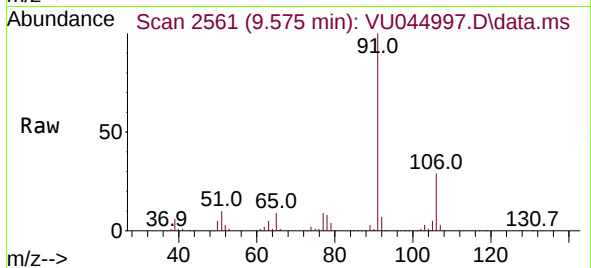
106 29.4 24.3 36.5

Instrument :

MSVOA\_U

ClientSampleId :

VU0929MBSD01



#68

m/p-Xylenes

Concen: 33.991 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044997.D

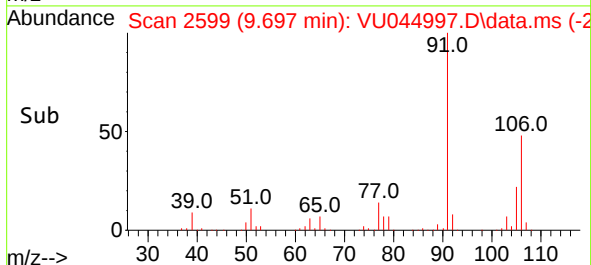
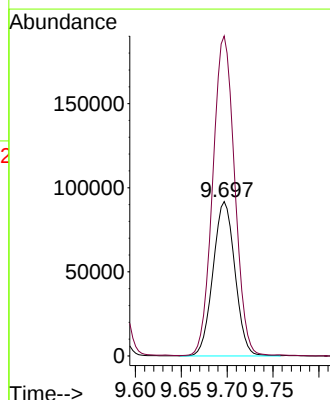
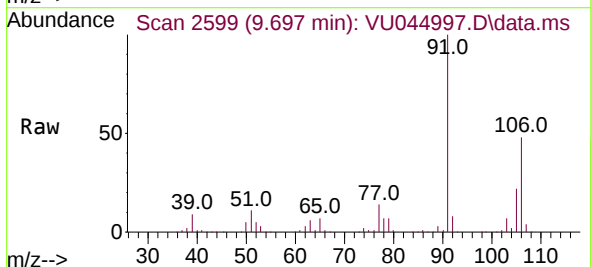
Acq: 29 Sep 2021 16:51

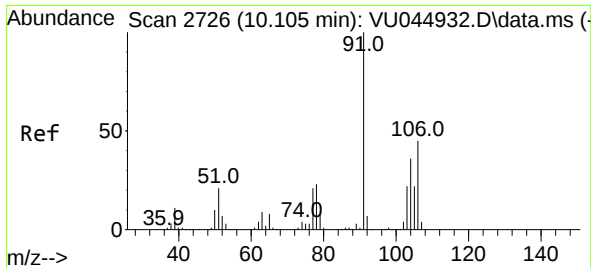
Tgt Ion:106 Resp: 152763

Ion Ratio Lower Upper

106 100

91 206.3 164.2 246.2

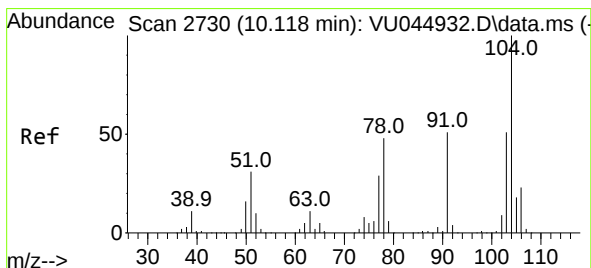
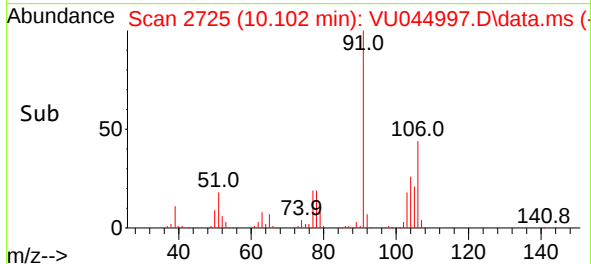
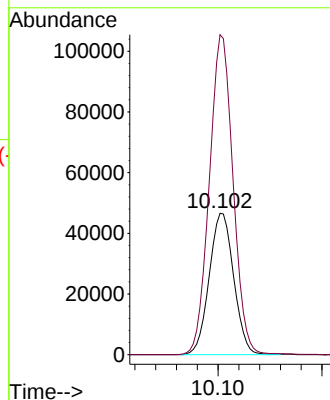
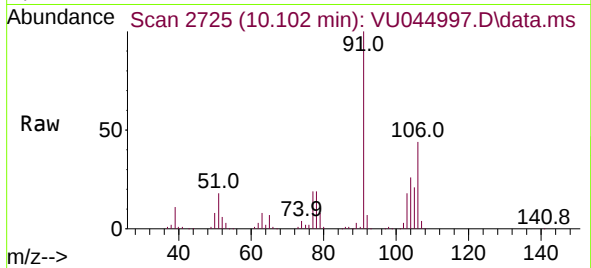




#69  
o-Xylene  
Concen: 17.077 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

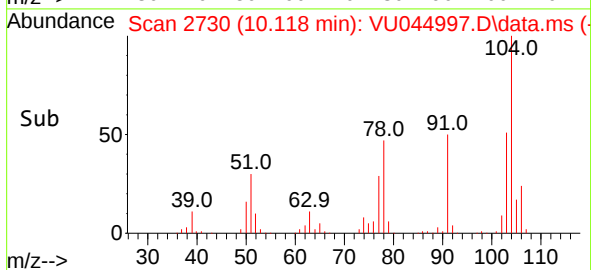
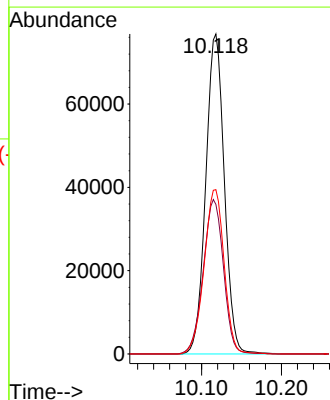
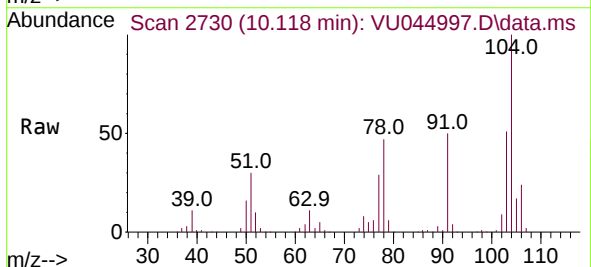
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

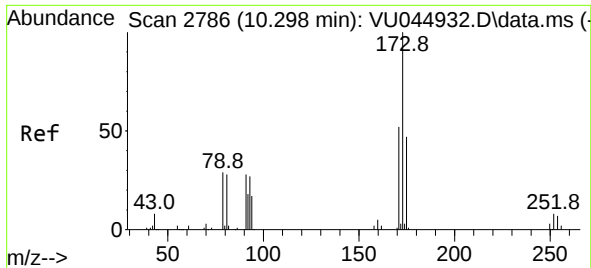
Tgt Ion:106 Resp: 76171  
Ion Ratio Lower Upper  
106 100  
91 219.5 108.9 326.7



#70  
Styrene  
Concen: 16.588 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:104 Resp: 124124  
Ion Ratio Lower Upper  
104 100  
78 52.7 41.4 62.0  
103 55.5 43.5 65.3

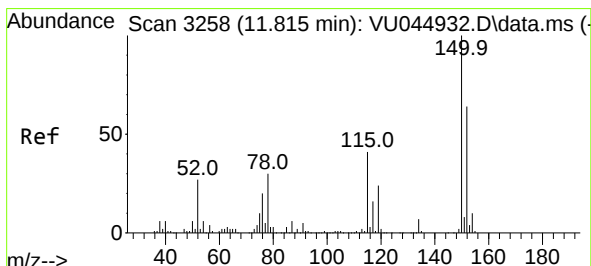
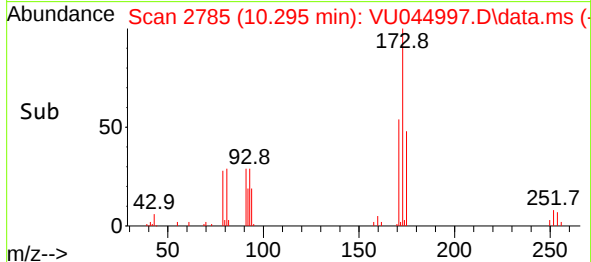
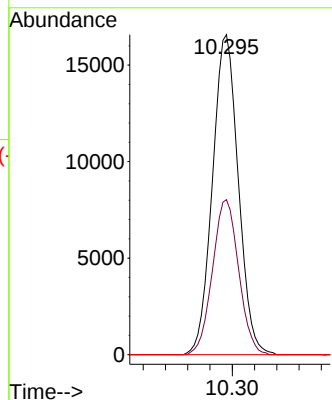
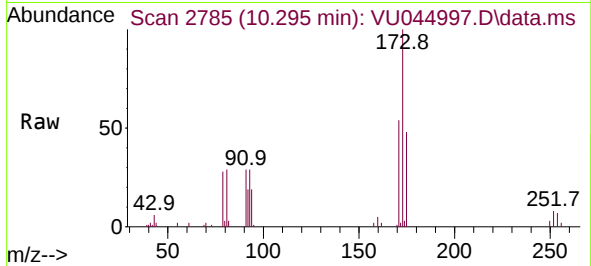




#71  
Bromoform  
Concen: 13.524 ug/l  
RT: 10.295 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

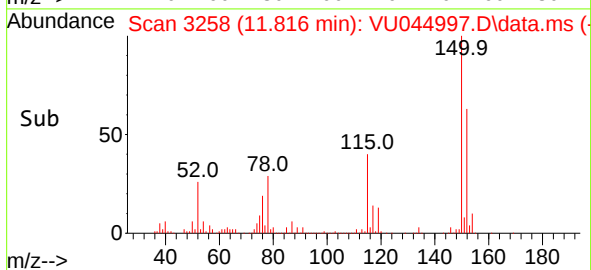
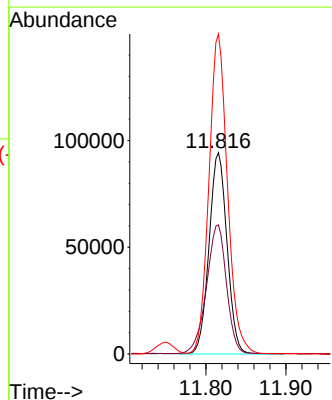
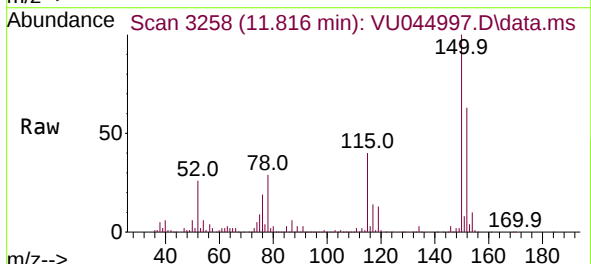
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

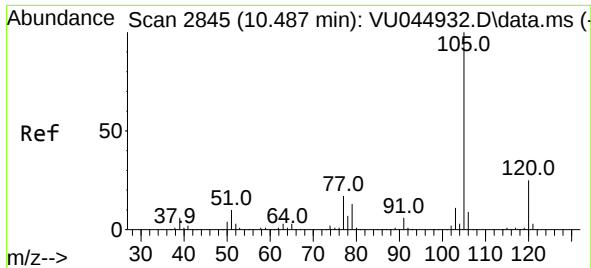
Tgt Ion:173 Resp: 26700  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:152 Resp: 147367  
Ion Ratio Lower Upper  
152 100  
115 71.0 43.5 130.7  
150 163.6 0.0 350.0

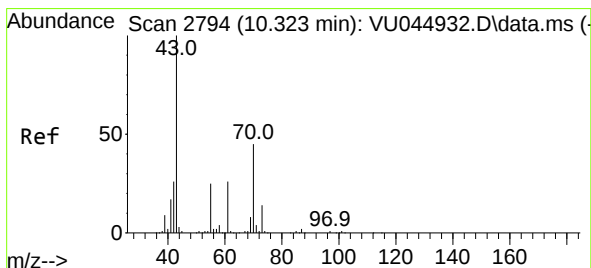
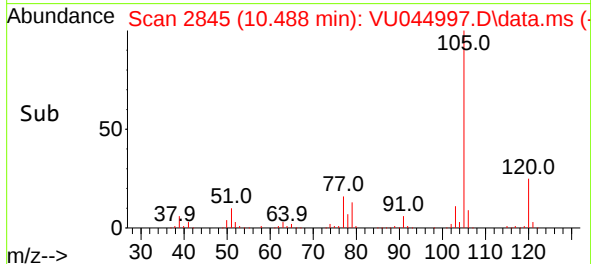
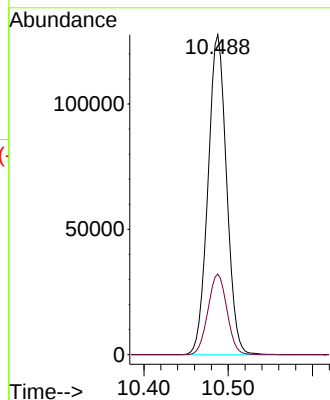
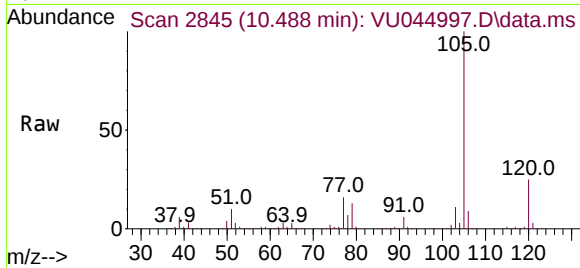




#73  
Isopropylbenzene  
Concen: 17.837 ug/l  
RT: 10.488 min Scan# 2845  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

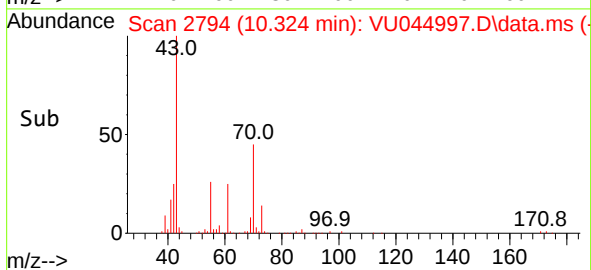
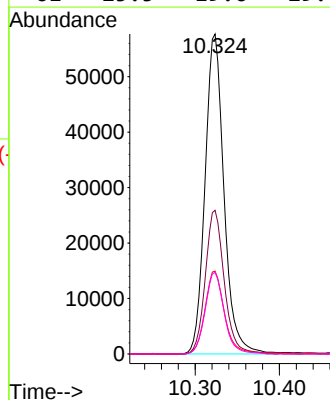
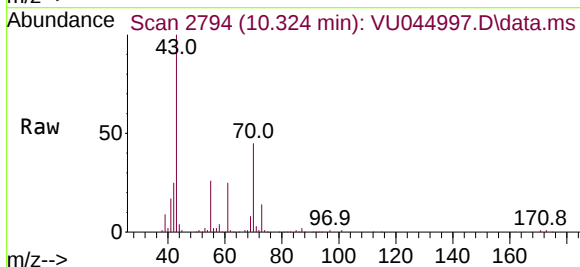
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

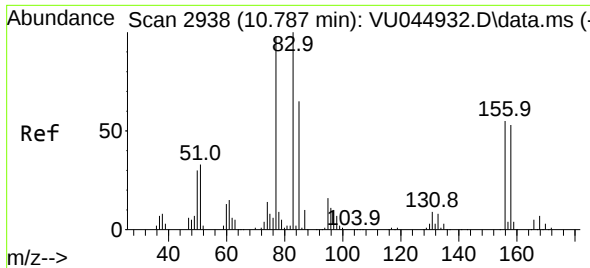
Tgt Ion:105 Resp: 195745  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.8 38.3



#74  
N-ethyl acetate  
Concen: 16.386 ug/l  
RT: 10.324 min Scan# 2794  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 43 Resp: 90547  
Ion Ratio Lower Upper  
43 100  
70 44.9 35.1 52.7  
55 26.6 20.5 30.7  
61 25.5 19.6 29.4

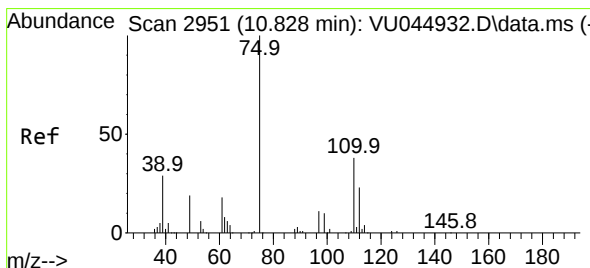
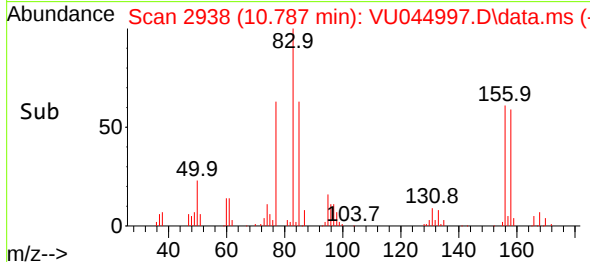
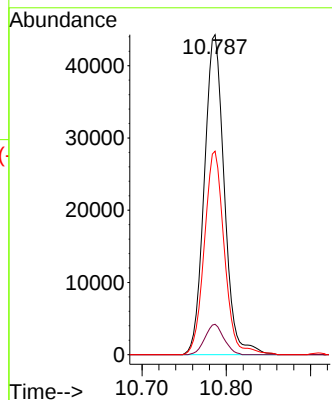
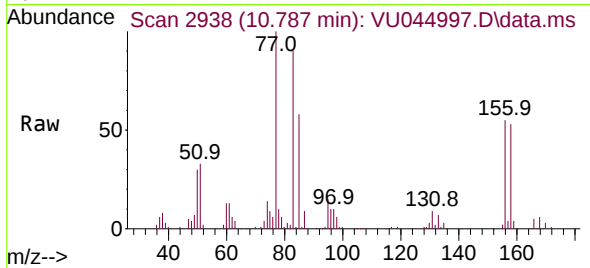




#75  
1,1,2,2-Tetrachloroethane  
Concen: 15.393 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

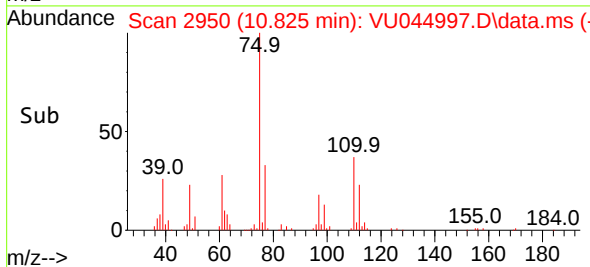
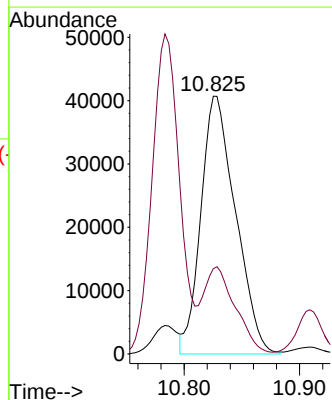
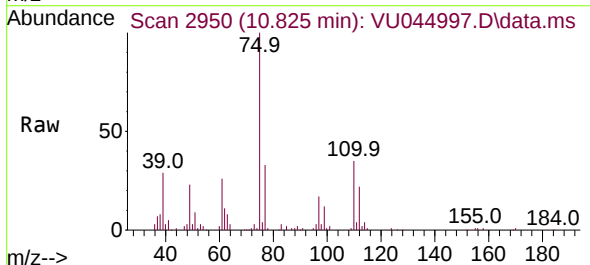
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

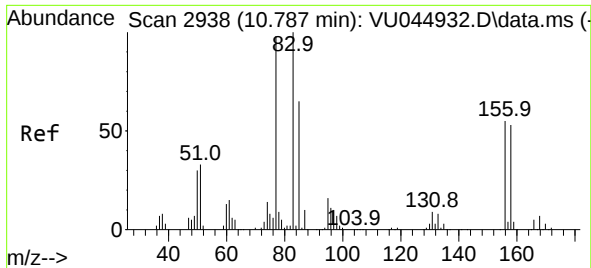
Tgt Ion: 83 Resp: 73094  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.3 13.1  
85 63.8 31.9 95.5



#76  
1,2,3-Trichloropropane  
Concen: 19.783 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 75 Resp: 85035  
Ion Ratio Lower Upper  
75 100  
77 29.8 17.9 53.7

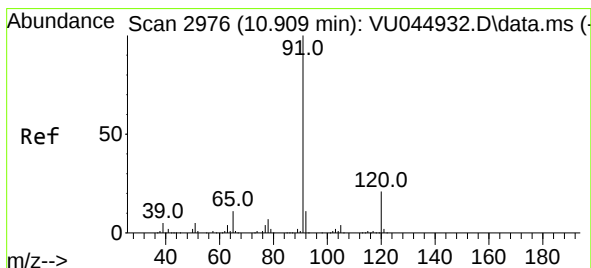
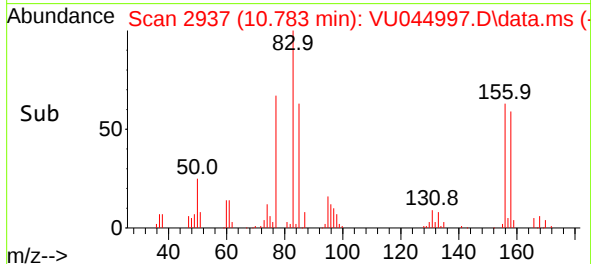
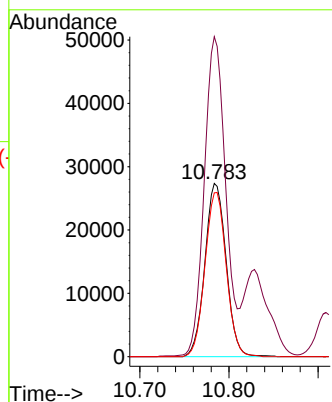
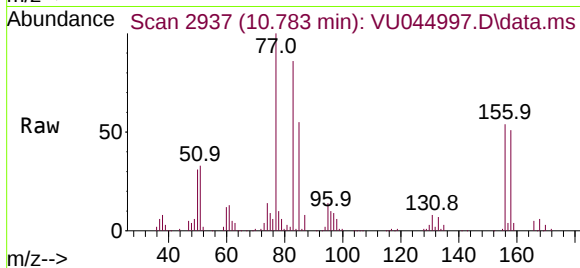




#77  
Bromobenzene  
Concen: 17.118 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.004 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

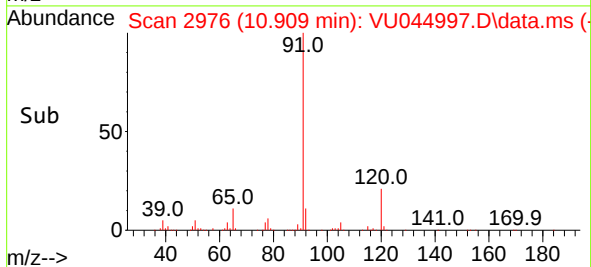
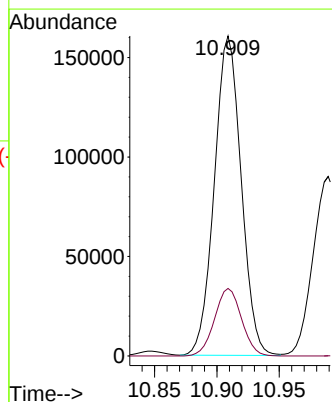
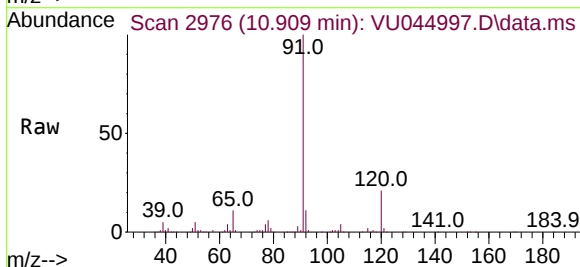
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

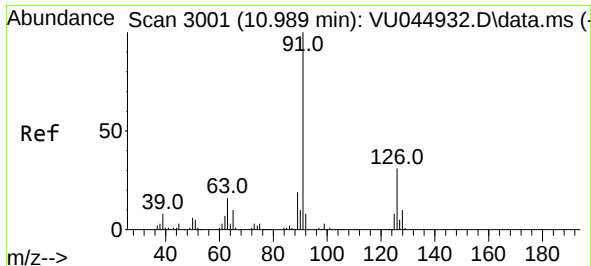
Tgt Ion:156 Resp: 45361  
Ion Ratio Lower Upper  
156 100  
77 184.3 91.1 273.4  
158 95.0 48.2 144.6



#78  
n-propylbenzene  
Concen: 17.969 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 91 Resp: 240316  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.8 32.4

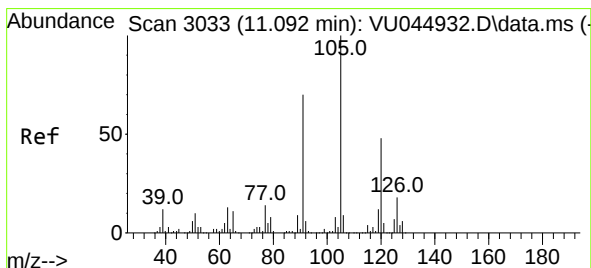
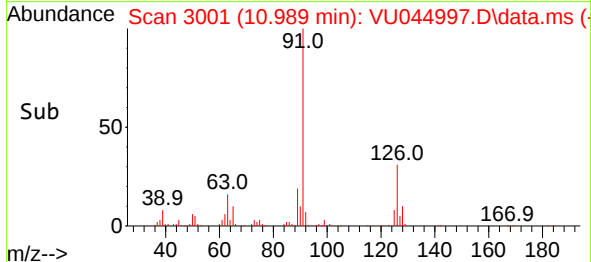
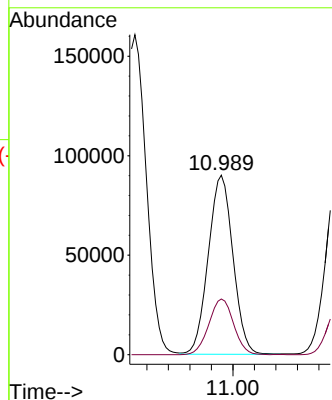
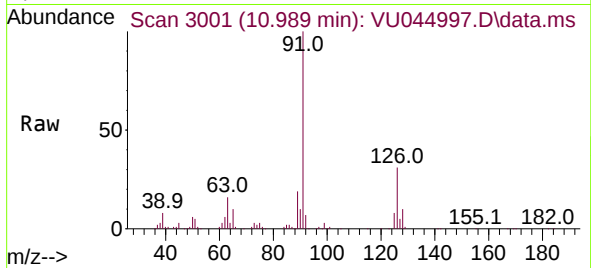




#79  
2-Chlorotoluene  
Concen: 17.116 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

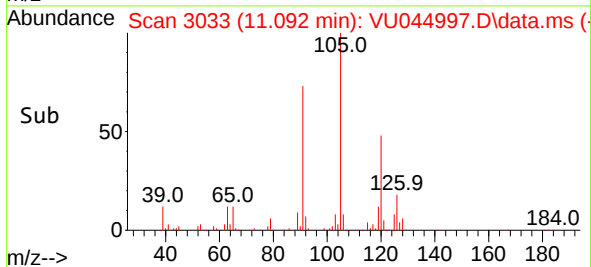
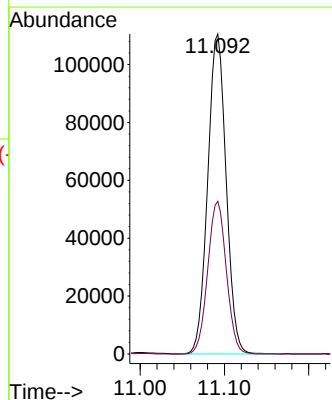
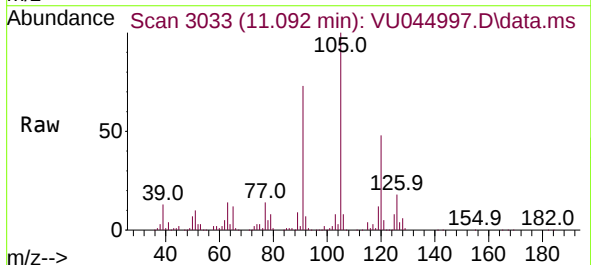
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

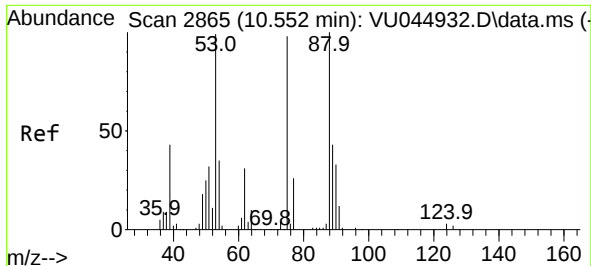
Tgt Ion: 91 Resp: 143477  
Ion Ratio Lower Upper  
91 100  
126 31.2 15.7 47.0



#80  
1,3,5-Trimethylbenzene  
Concen: 17.506 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 105 Resp: 168299  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.2

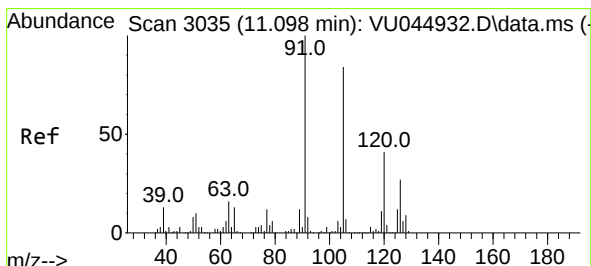
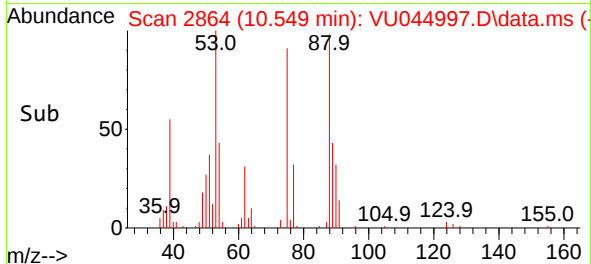
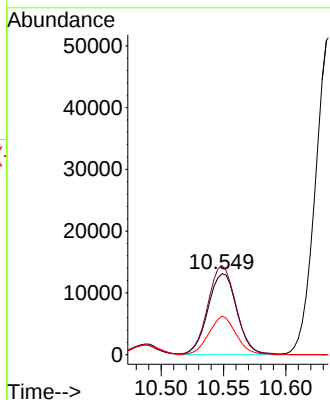
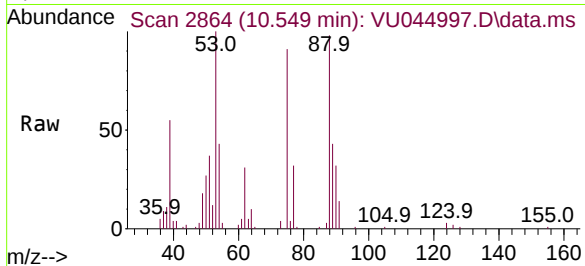




#81  
trans-1,4-Dichloro-2-butene  
Concen: 13.724 ug/l  
RT: 10.549 min Scan# 2864  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

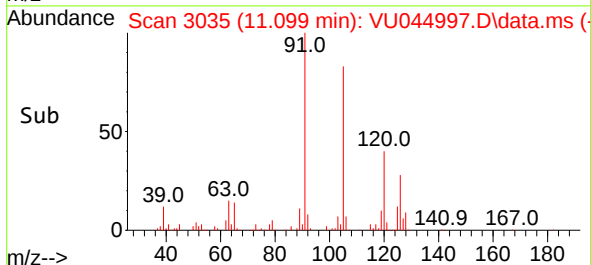
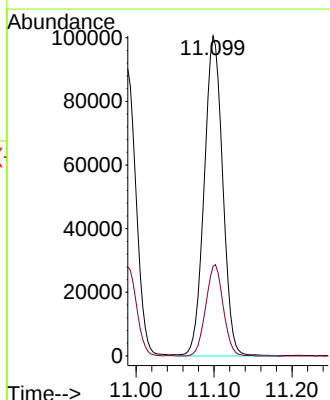
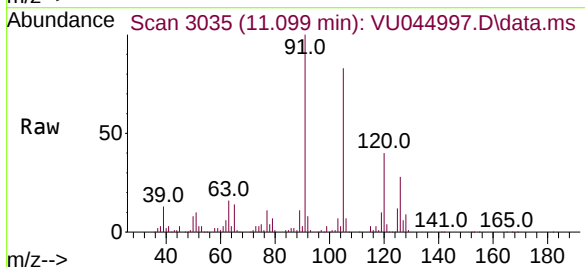
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

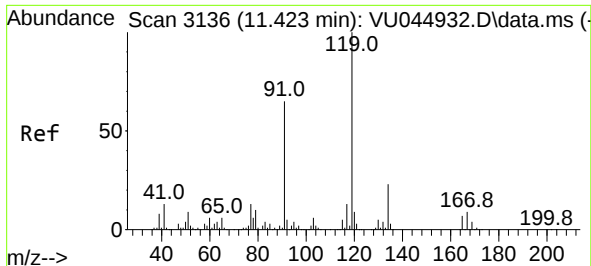
Tgt Ion: 75 Resp: 21257  
Ion Ratio Lower Upper  
75 100  
53 107.4 82.0 123.0  
89 44.5 34.2 51.4



#82  
4-Chlorotoluene  
Concen: 17.472 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 91 Resp: 165554  
Ion Ratio Lower Upper  
91 100  
126 26.9 13.8 41.4

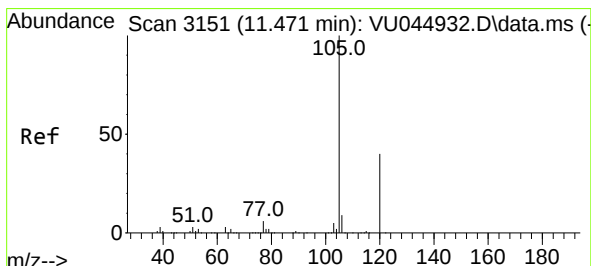
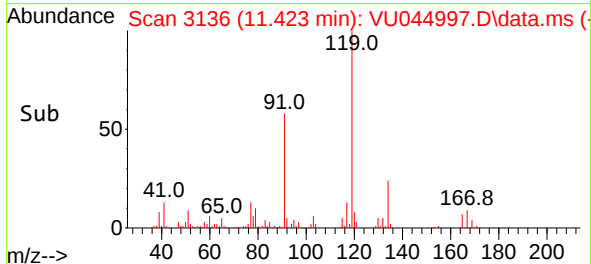
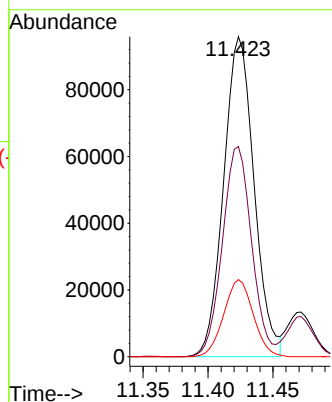
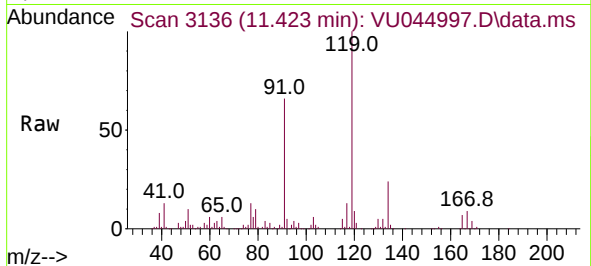




#83  
tert-Butylbenzene  
Concen: 16.726 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

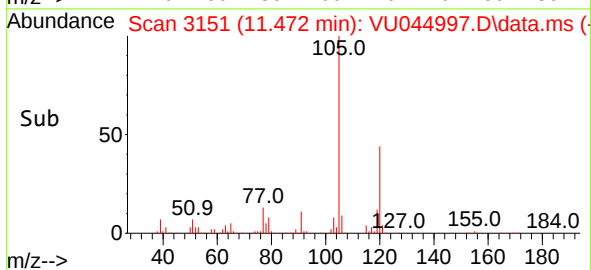
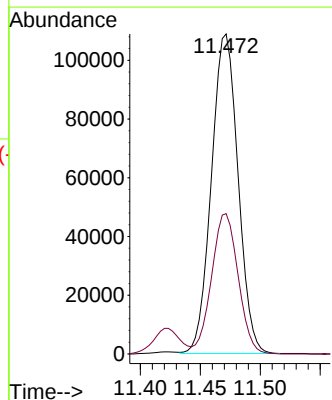
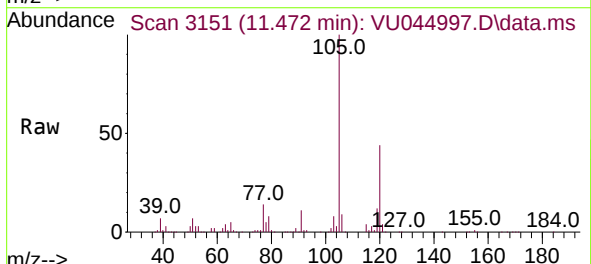
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

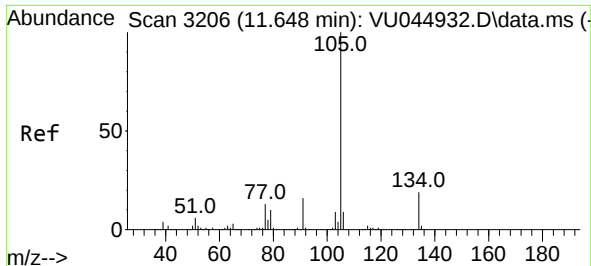
Tgt Ion:119 Resp: 156403  
Ion Ratio Lower Upper  
119 100  
91 63.2 30.4 91.2  
134 23.3 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 17.647 ug/l  
RT: 11.472 min Scan# 3151  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:105 Resp: 167842  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.4 67.3

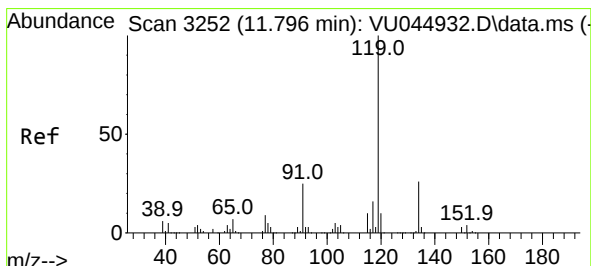
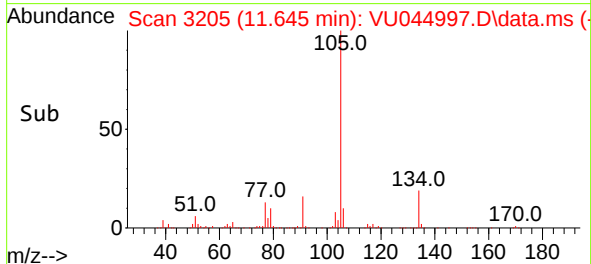
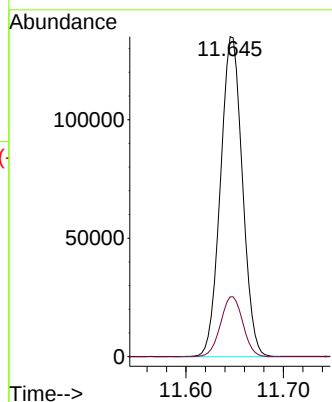
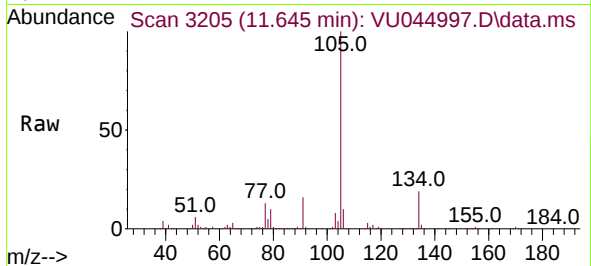




#85  
 sec-Butylbenzene  
 Concen: 17.540 ug/l  
 RT: 11.645 min Scan# 3205  
 Delta R.T. -0.003 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

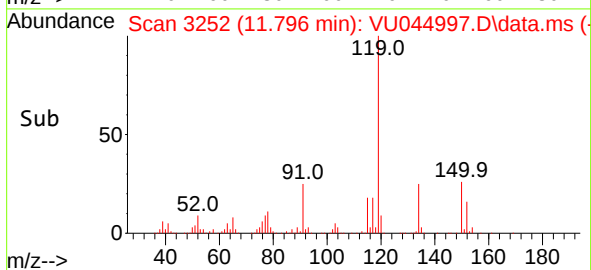
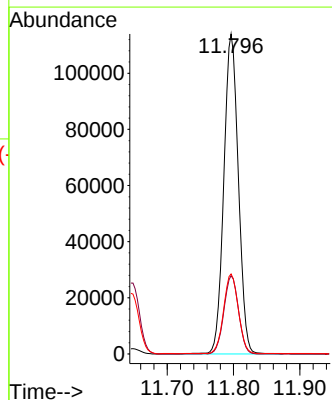
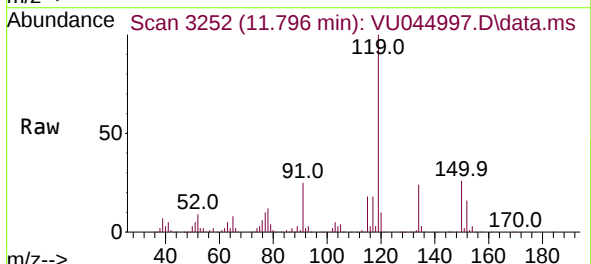
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0929MBSD01

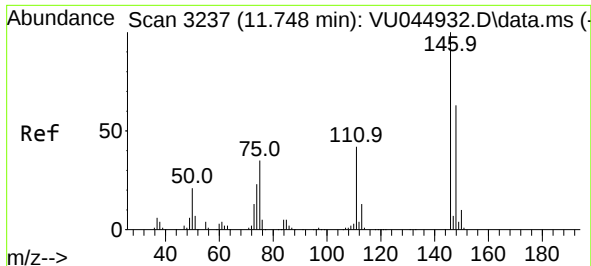
Tgt Ion:105 Resp: 211217  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.3 28.0



#86  
 p-Isopropyltoluene  
 Concen: 17.913 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. 0.000 min  
 Lab File: VU044997.D  
 Acq: 29 Sep 2021 16:51

Tgt Ion:119 Resp: 173526  
 Ion Ratio Lower Upper  
 119 100  
 134 24.6 12.8 38.3  
 91 25.2 12.2 36.6

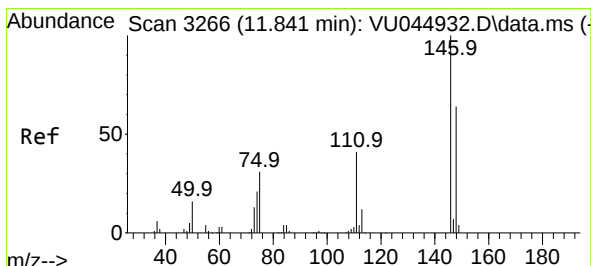
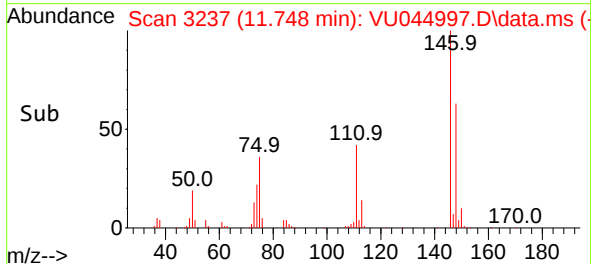
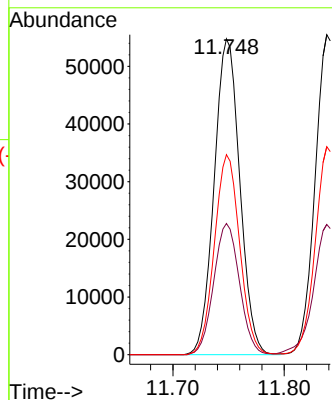
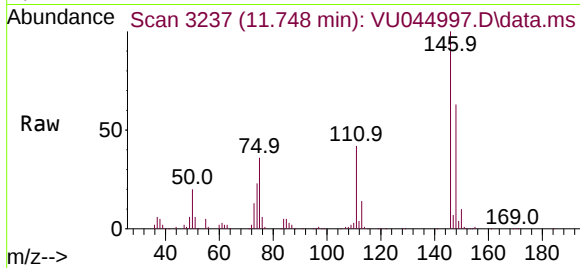




#87  
1,3-Dichlorobenzene  
Concen: 17.269 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

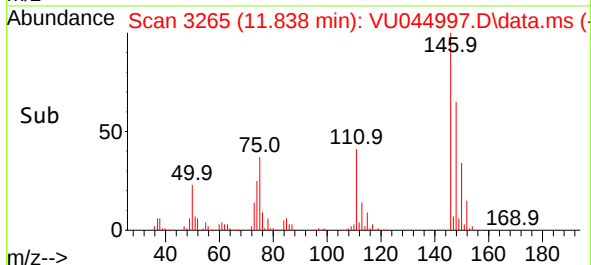
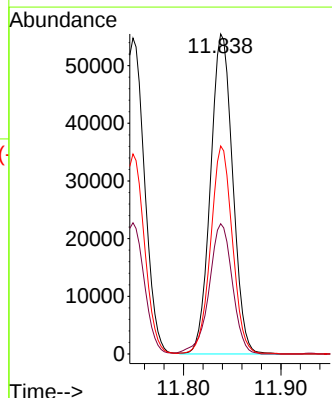
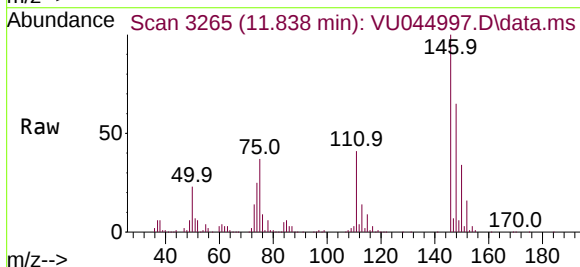
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

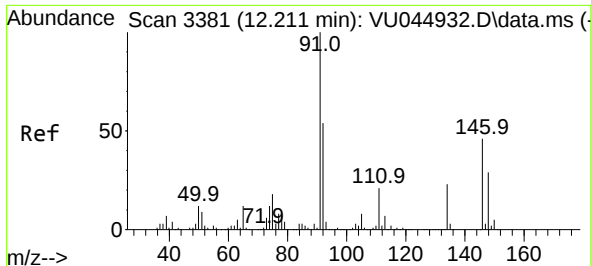
Tgt Ion:146 Resp: 87634  
Ion Ratio Lower Upper  
146 100  
111 41.7 21.2 63.6  
148 62.5 32.1 96.3



#88  
1,4-Dichlorobenzene  
Concen: 16.932 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. -0.003 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:146 Resp: 87901  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.3 61.0  
148 64.0 31.8 95.3

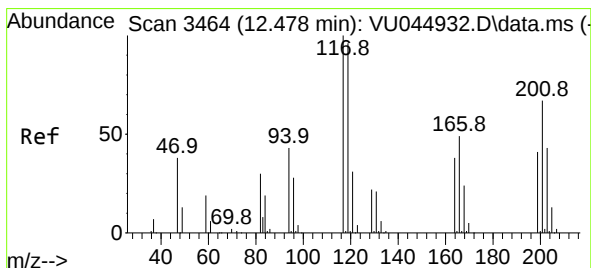
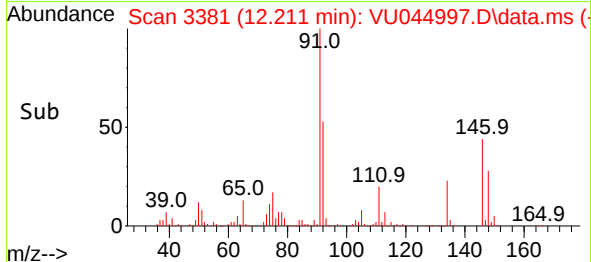
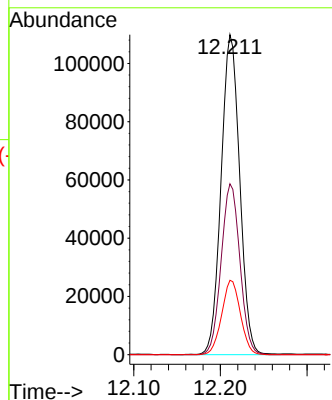
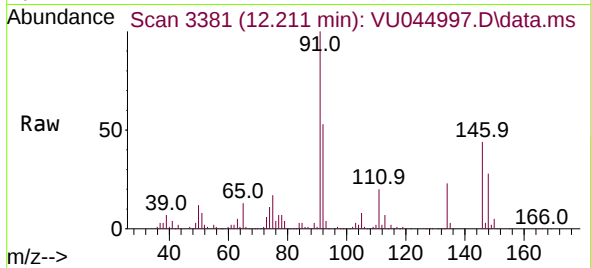




#89  
n-Butylbenzene  
Concen: 18.395 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

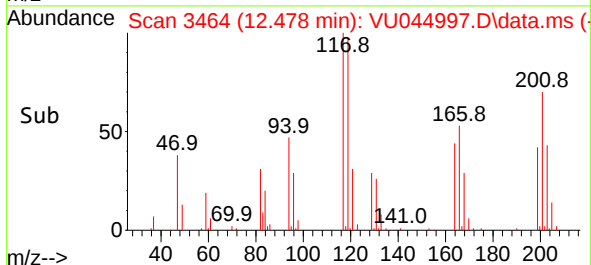
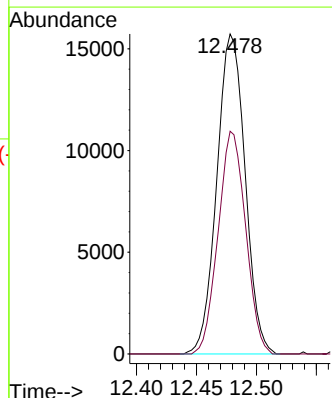
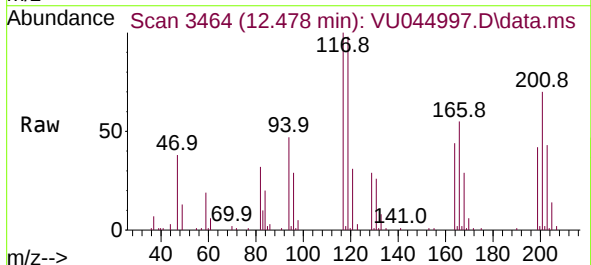
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

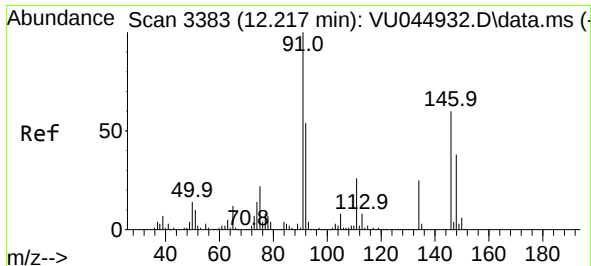
Tgt Ion: 91 Resp: 164120  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.8 80.4  
134 23.3 11.8 35.4



#90  
Hexachloroethane  
Concen: 14.741 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 117 Resp: 25786  
Ion Ratio Lower Upper  
117 100  
201 67.6 34.8 104.3

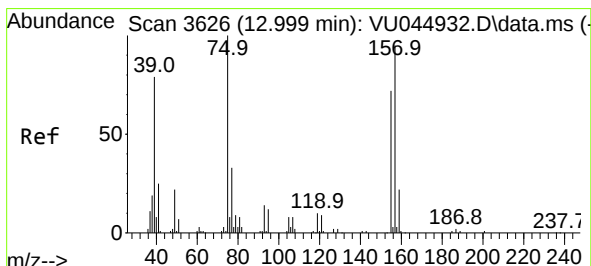
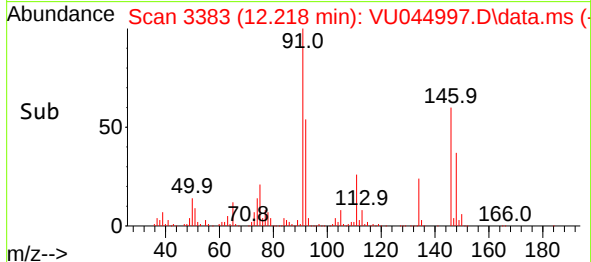
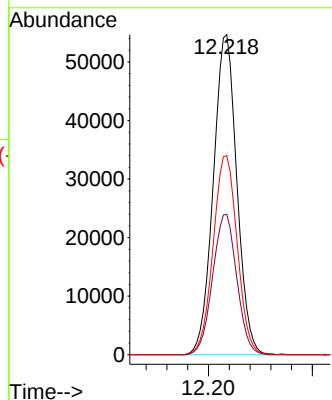
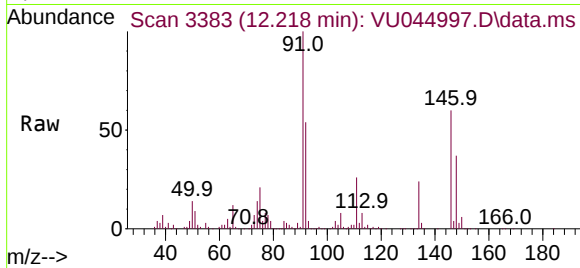




#91  
1,2-Dichlorobenzene  
Concen: 16.605 ug/l  
RT: 12.218 min Scan# 3383  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

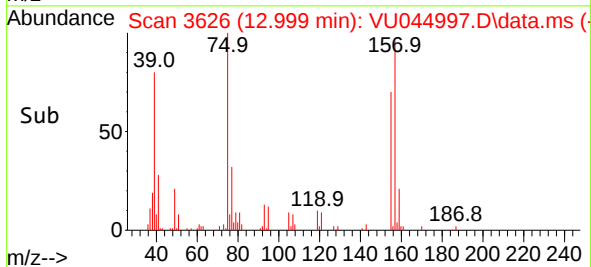
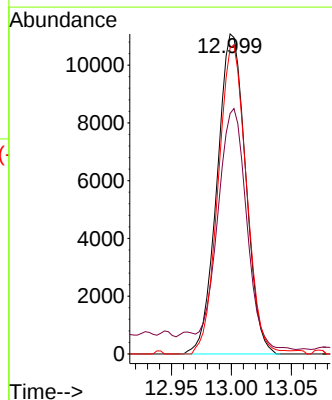
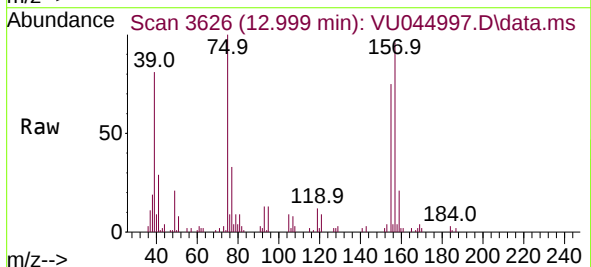
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

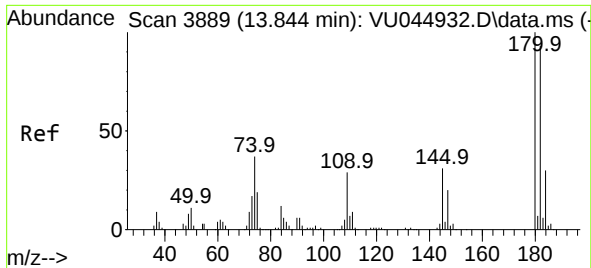
Tgt Ion:146 Resp: 86138  
Ion Ratio Lower Upper  
146 100  
111 44.9 21.4 64.3  
148 63.6 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.385 ug/l  
RT: 12.999 min Scan# 3626  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion: 75 Resp: 18358  
Ion Ratio Lower Upper  
75 100  
155 75.9 36.9 110.6  
157 95.3 47.8 143.3

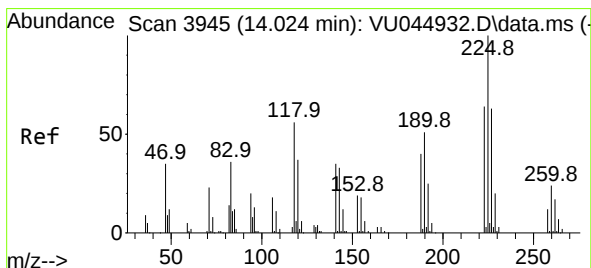
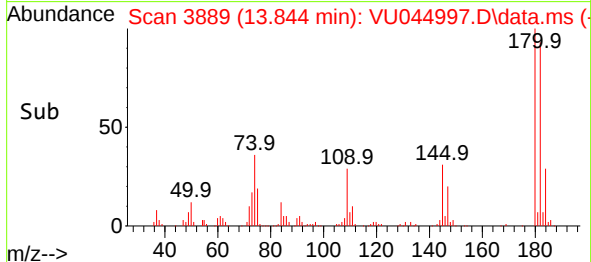
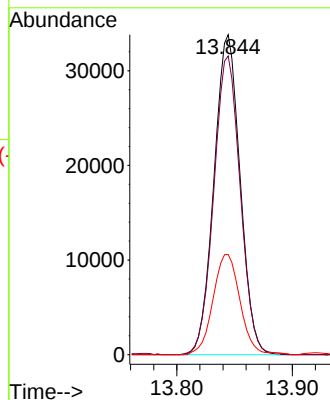
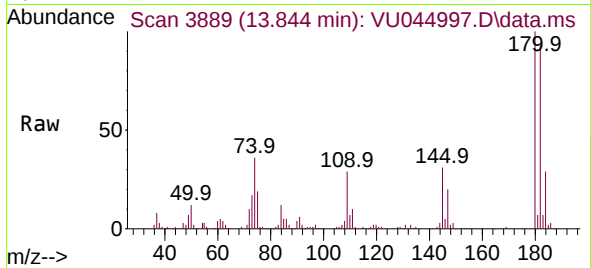




#93  
1,2,4-Trichlorobenzene  
Concen: 18.329 ug/l  
RT: 13.844 min Scan# 3889  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

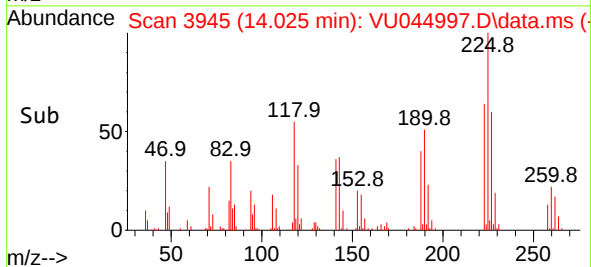
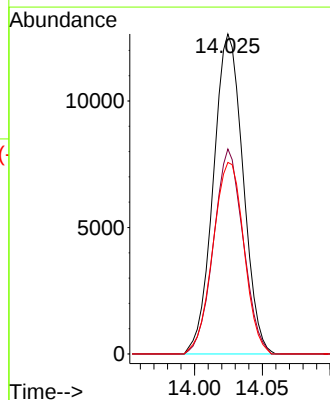
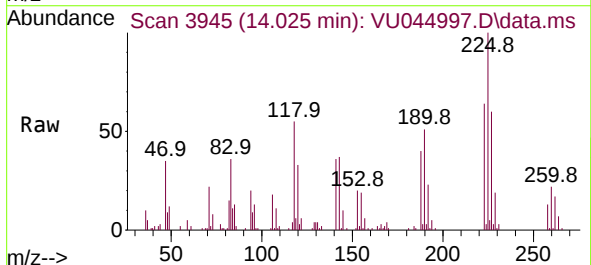
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBS01

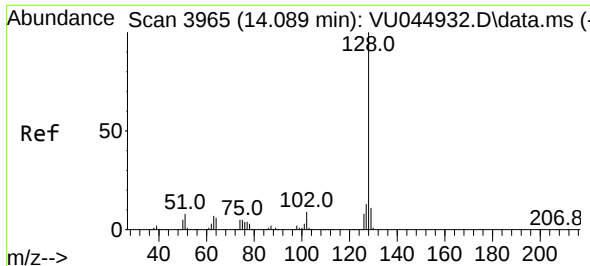
Tgt Ion:180 Resp: 52990  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.4 142.3  
145 32.5 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 15.973 ug/l  
RT: 14.025 min Scan# 3945  
Delta R.T. 0.001 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Tgt Ion:225 Resp: 19277  
Ion Ratio Lower Upper  
225 100  
223 63.7 31.1 93.3  
227 62.4 31.4 94.3

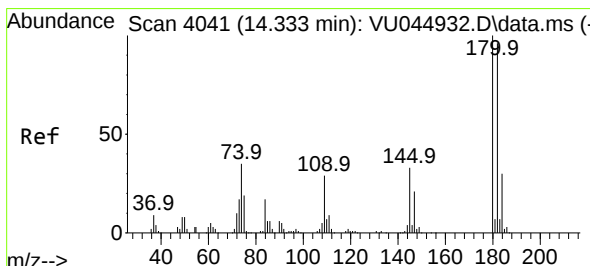
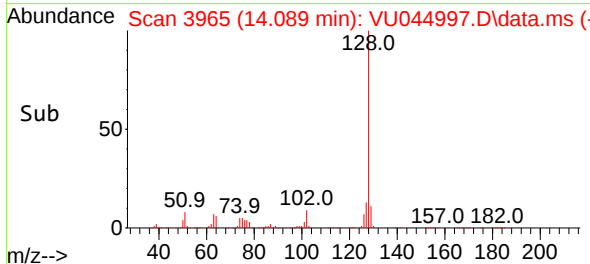
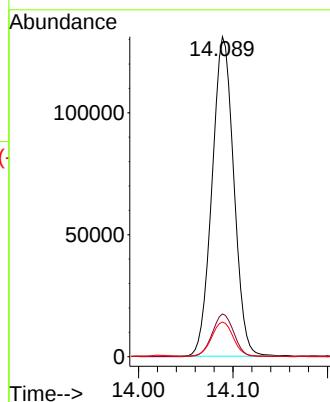
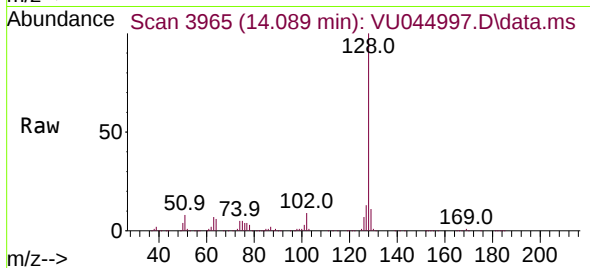




#95  
Naphthalene  
Concen: 19.256 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0929MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 209374 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.4  | 15.6   |
| 129       | 10.8  | 8.6   | 13.0   |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.411 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VU044997.D  
Acq: 29 Sep 2021 16:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 53456 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.7  | 47.1  | 141.4 |
| 145       | 35.6  | 16.4  | 49.2  |

