

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062121\  
 Data File : VU044250.D  
 Acq On : 21 Jun 2021 10:33  
 Operator : SY/MD  
 Sample : VSTD00136  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 22 01:18:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 22 01:16:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 163269   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 159425   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 86716    | 5.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 7878     | 0.755 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 7840     | 0.959 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65   | 4255     | 0.857 | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.649  | 46   | 31186    | 9.285 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.076  | 84   | 18368    | 0.876 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65   | 11479    | 0.953 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 36150    | 0.831 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 11832    | 0.824 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 33629    | 0.847 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79   | 5416     | 1.020 | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.649  | 63   | 25908    | 9.632 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 10372    | 0.888 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 13005    | 0.876 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.392  | 85   | 8511     | 0.828 | ug/L  | 98       |
| 3) Chloromethane              | 1.523  | 50   | 10362    | 0.834 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.610  | 62   | 10345    | 0.816 | ug/L  | 99       |
| 6) Bromomethane               | 1.864  | 94   | 6910     | 0.952 | ug/L  | 98       |
| 8) Chloroethane               | 1.941  | 64   | 7076     | 1.035 | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 13919    | 1.056 | ug/L  | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 8326     | 0.837 | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.588  | 96   | 8697     | 0.892 | ug/L  | 95       |
| 13) Acetone                   | 2.652  | 43   | 12810    | 6.870 | ug/L  | 92       |
| 14) Carbon disulfide          | 2.800  | 76   | 25904    | 0.829 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.967  | 43   | 3344     | 0.712 | ug/L  | 95       |
| 16) Methylene chloride        | 3.054  | 84   | 12341    | 0.911 | ug/L  | 94       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73   | 25761    | 0.962 | ug/L  | 94       |
| 18) trans-1,2-Dichloroethene  | 3.363  | 96   | 8962     | 0.868 | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 17554    | 0.878 | ug/L  | 95       |
| 21) 2-Butanone                | 4.729  | 43   | 31485    | 8.965 | ug/L  | 90       |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96   | 9869     | 0.878 | ug/L  | 98       |
| 23) Bromochloromethane        | 4.983  | 128  | 4635     | 0.936 | ug/L  | 96       |
| 25) Chloroform                | 5.099  | 83   | 18506    | 0.921 | ug/L  | 95       |
| 27) 1,2-Dichloroethane        | 5.806  | 62   | 12522    | 0.948 | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 16121    | 0.954 | ug/L  | 98       |
| 30) Cyclohexane               | 5.398  | 56   | 16497    | 0.850 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 13367    | 0.948 | ug/L  | 99       |
| 33) Benzene                   | 5.784  | 78   | 37445    | 0.831 | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 10066    | 0.864 | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 16071    | 0.850 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 9859     | 0.814 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.115  | 83   | 13984    | 0.966 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 16168    | 0.939 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.806  | 43   | 80339    | 9.246 | ug/L  | 99       |
| 42) Toluene                   | 7.977  | 91   | 40583    | 0.848 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 14949    | 0.998 | ug/L  | 91       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062121\  
 Data File : VU044250.D  
 Acq On : 21 Jun 2021 10:33  
 Operator : SY/MD  
 Sample : VSTD00136  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

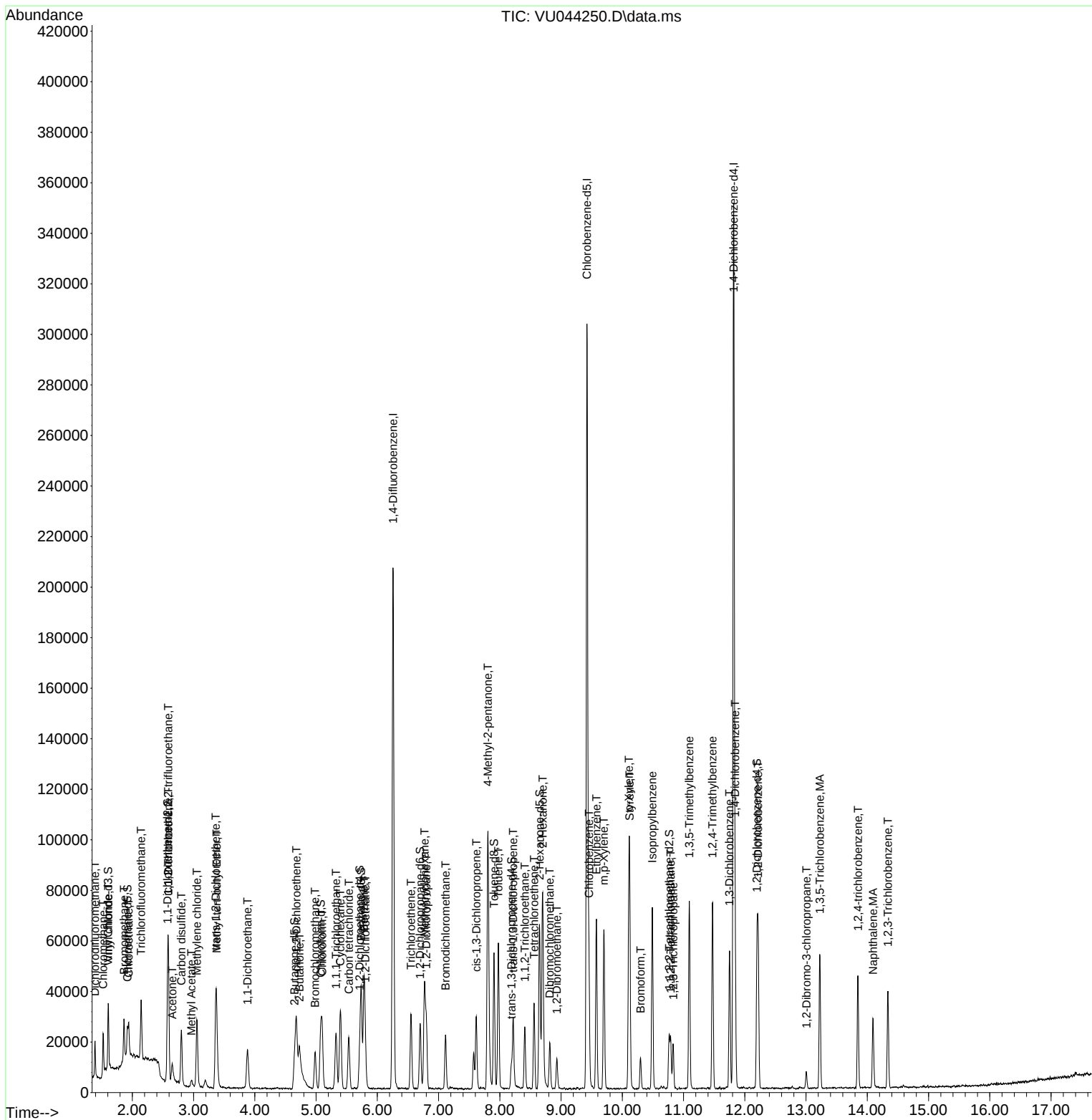
Instrument :  
 MSVOA\_U  
 ClientSampleId :

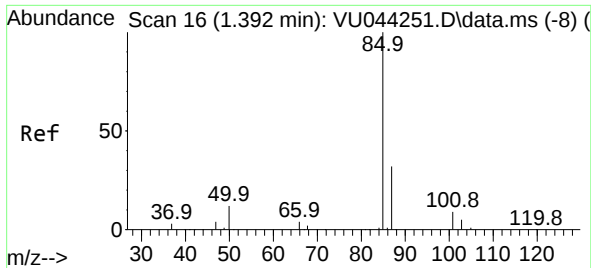
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 22 01:16:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 7417     | 0.885 | ug/L   | 93       |
| 47) Tetrachloroethene         | 8.562  | 164  | 7224     | 0.881 | ug/L   | 97       |
| 48) 2-Hexanone                | 8.700  | 43   | 56400    | 9.160 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.816  | 129  | 9468     | 1.019 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 7369     | 0.931 | ug/L # | 95       |
| 51) Chlorobenzene             | 9.456  | 112  | 25785    | 0.867 | ug/L   | 100      |
| 52) Ethylbenzene              | 9.578  | 91   | 46701    | 0.888 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 17655    | 0.907 | ug/L   | 95       |
| 54) o-Xylene                  | 10.108 | 106  | 17234    | 0.920 | ug/L   | 100      |
| 55) Styrene                   | 10.121 | 104  | 29806    | 0.932 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 10092    | 0.936 | ug/L   | 98       |
| 59) Bromoform                 | 10.298 | 173  | 5591     | 1.043 | ug/L # | 96       |
| 60) Isopropylbenzene          | 10.491 | 105  | 46466    | 0.898 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.832 | 75   | 7274     | 0.867 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 39729    | 0.901 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 40830    | 0.893 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 21406    | 0.886 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 21036    | 0.864 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.218 | 146  | 20352    | 0.899 | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 1772     | 0.971 | ug/L   | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 15359    | 0.858 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 12893    | 0.908 | ug/L   | 97       |
| 71) Naphthalene               | 14.095 | 128  | 22947    | 0.947 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 10940    | 0.865 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

Quant Time: Jun 22 01:18:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Jun 22 01:16:56 2021  
Response via : Initial Calibration

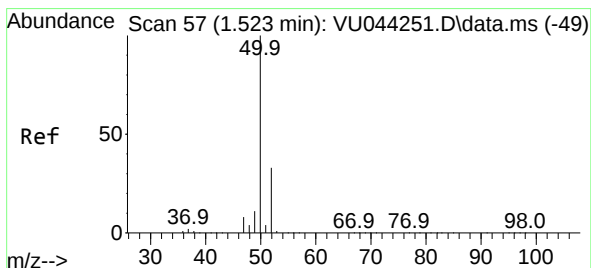
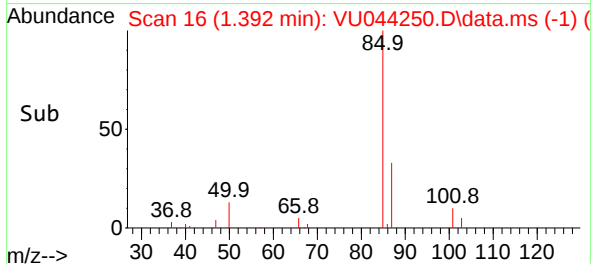
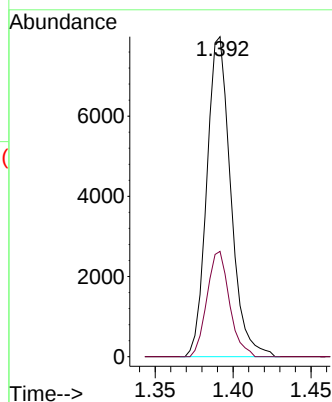
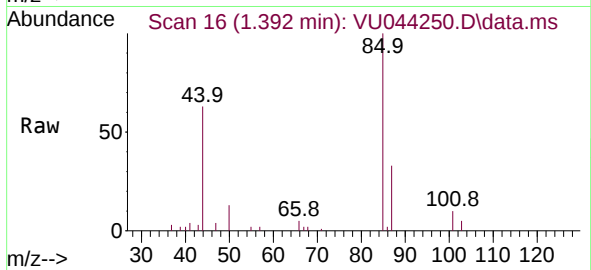




#2  
Dichlorodifluoromethane  
Concen: 0.828 ug/L  
RT: 1.392 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

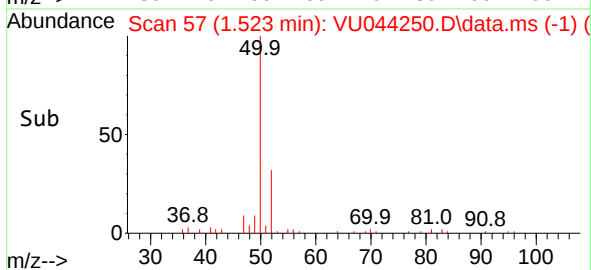
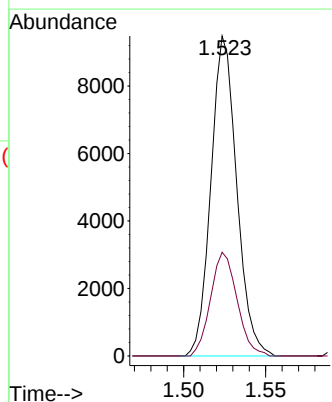
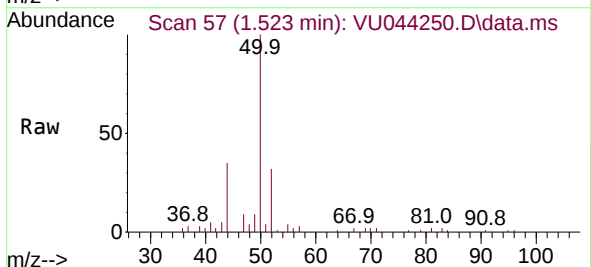
Instrument :  
MSVOA\_U  
ClientSampleId :

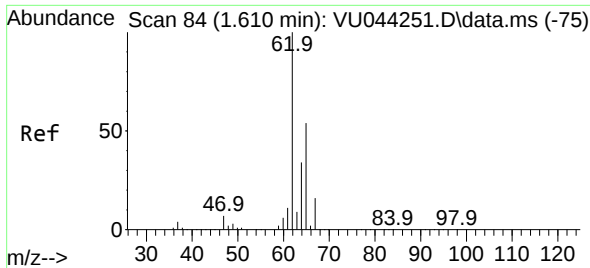
Tgt Ion: 85 Resp: 8511  
Ion Ratio Lower Upper  
85 100  
87 31.0 25.6 38.4



#3  
Chloromethane  
Concen: 0.834 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 50 Resp: 10362  
Ion Ratio Lower Upper  
50 100  
52 32.4 23.1 42.9

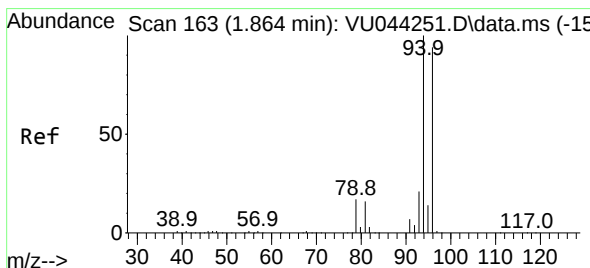
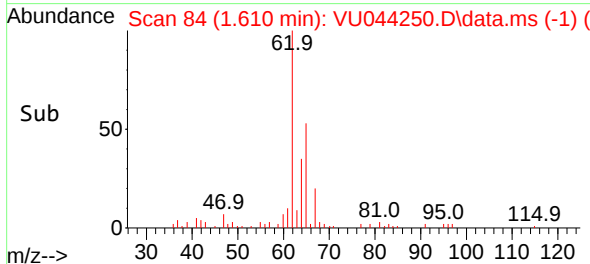
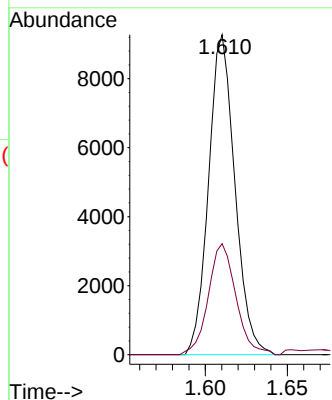
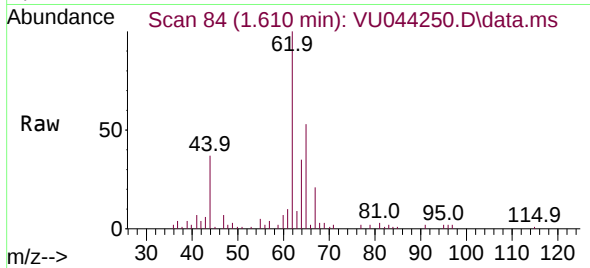




#5  
 Vinyl chloride  
 Concen: 0.816 ug/L  
 RT: 1.610 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

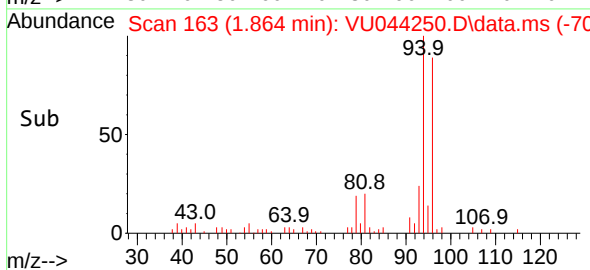
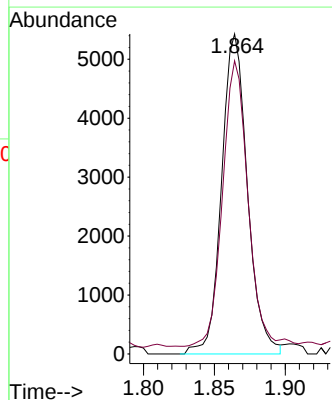
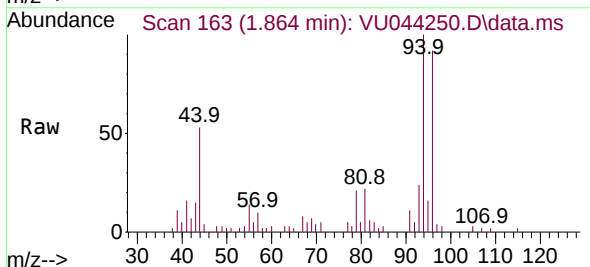
Instrument :  
 MSVOA\_U  
 ClientSampled :

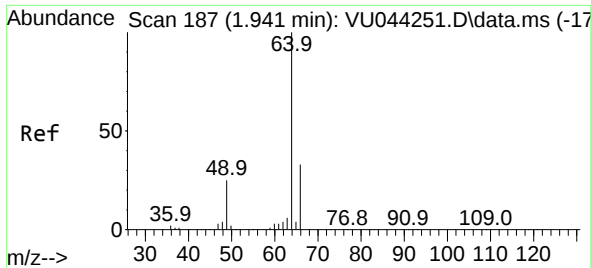
Tgt Ion: 62 Resp: 10345  
 Ion Ratio Lower Upper  
 62 100  
 64 34.7 23.7 44.1



#6  
 Bromomethane  
 Concen: 0.952 ug/L  
 RT: 1.864 min Scan# 163  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

Tgt Ion: 94 Resp: 6910  
 Ion Ratio Lower Upper  
 94 100  
 96 91.6 65.8 122.2

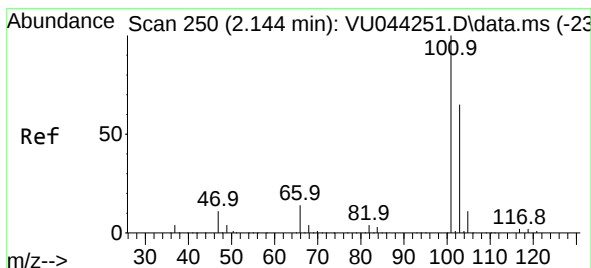
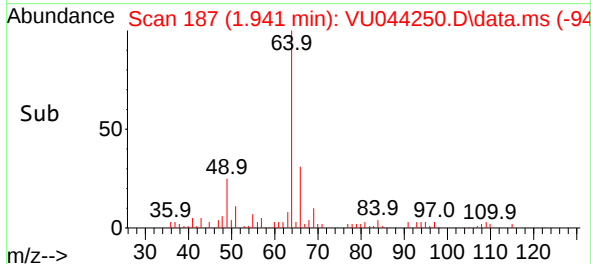
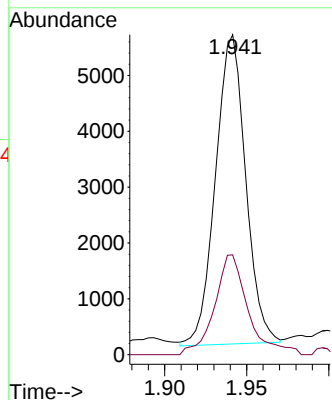
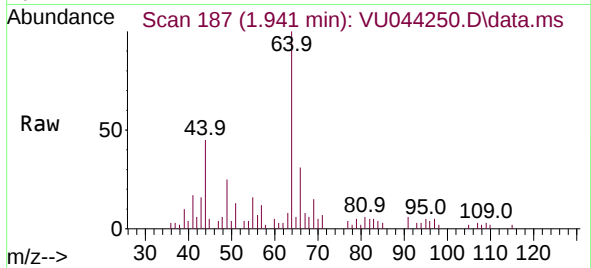




#8  
Chloroethane  
Concen: 1.035 ug/L  
RT: 1.941 min Scan# 187  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

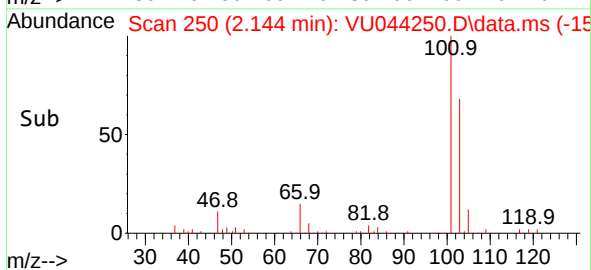
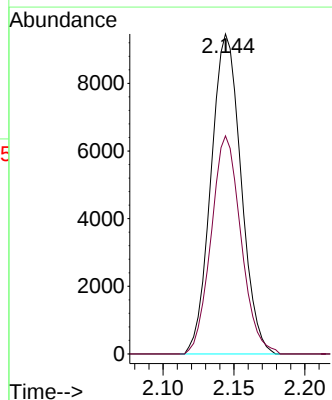
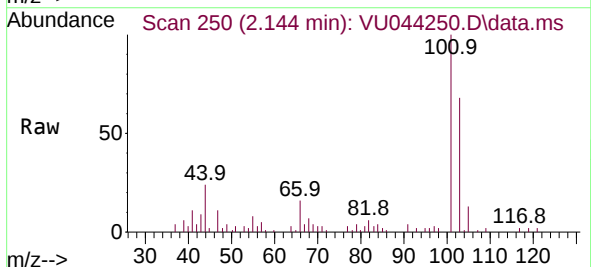
Instrument :  
MSVOA\_U  
ClientSampled :

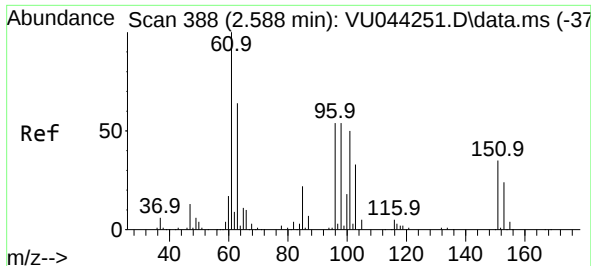
Tgt Ion: 64 Resp: 7076  
Ion Ratio Lower Upper  
64 100  
66 31.2 22.7 42.3



#9  
Trichlorofluoromethane  
Concen: 1.056 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion:101 Resp: 13919  
Ion Ratio Lower Upper  
101 100  
103 67.8 51.8 77.8

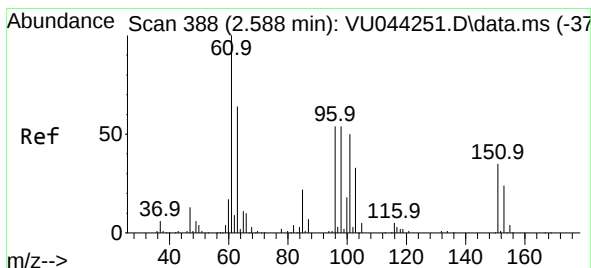
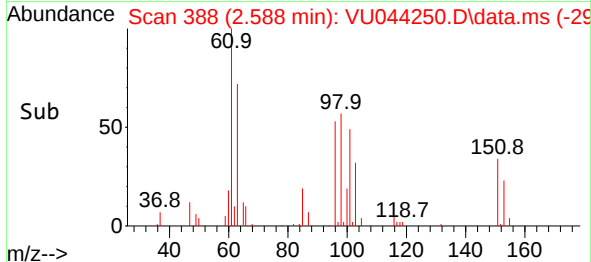
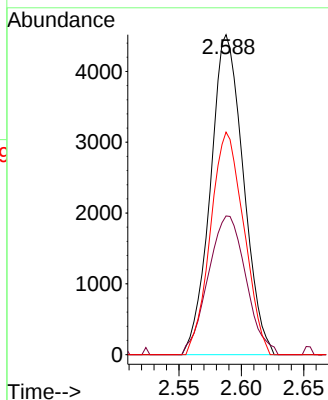
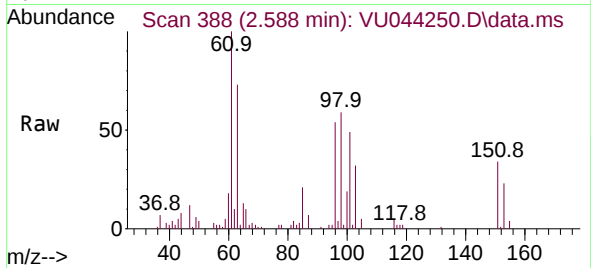




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.837 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

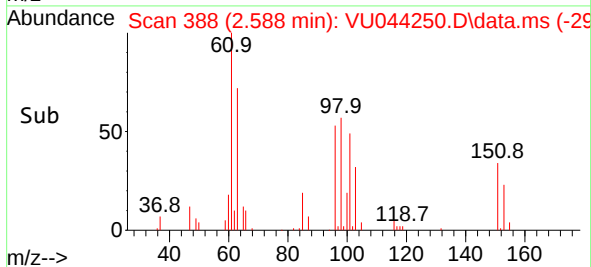
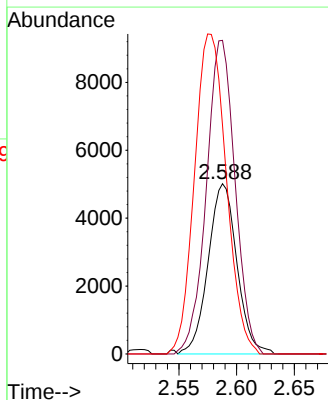
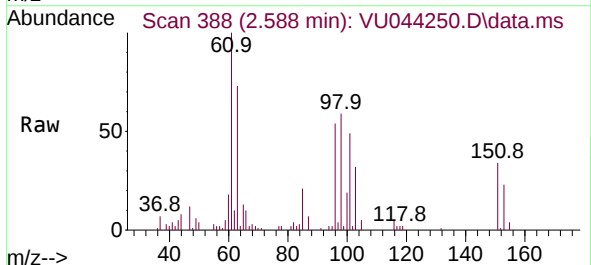
Instrument :  
 MSVOA\_U  
 ClientSampleId :

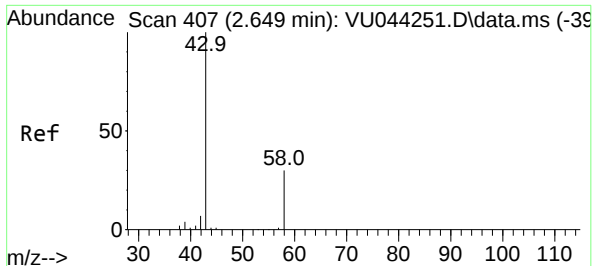
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| Tgt Ion: | 101   | Resp: | 8326  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 49.5  | 37.0  | 55.4  |
| 151      | 70.4  | 58.1  | 87.1  |



#12  
 1,1-Dichloroethene  
 Concen: 0.892 ug/L  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 8697  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 184.1 | 128.6 | 238.8 |
| 63       | 134.3 | 84.3  | 156.5 |

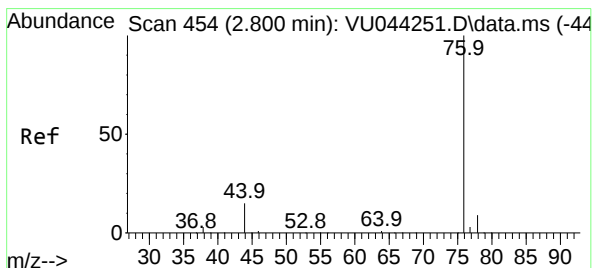
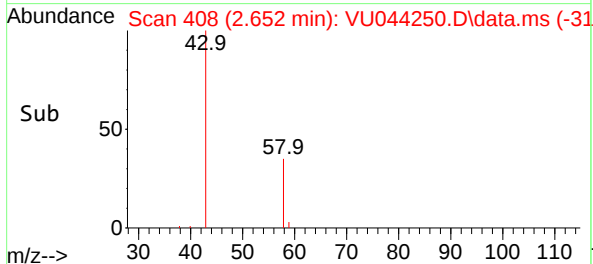
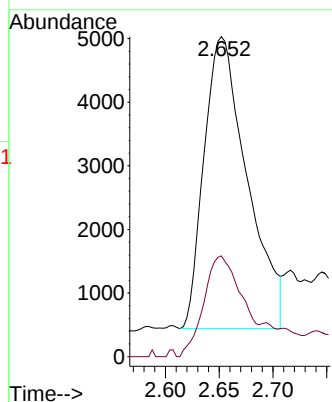
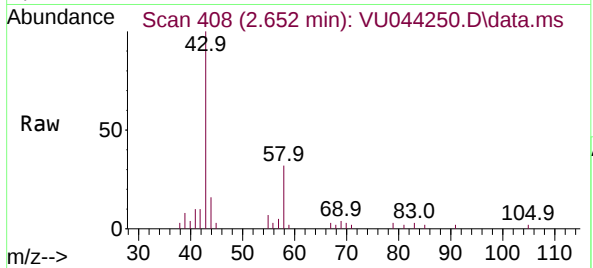




#13  
Acetone  
Concen: 6.870 ug/L  
RT: 2.652 min Scan# 408  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

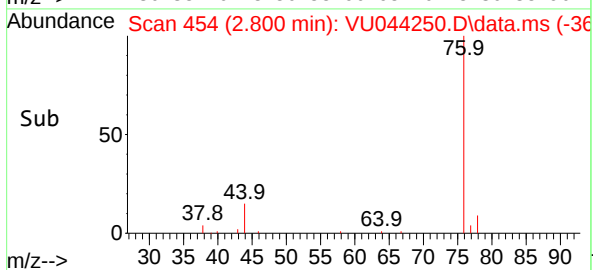
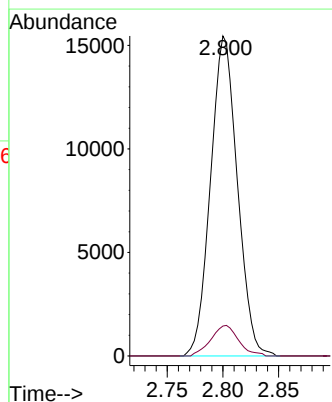
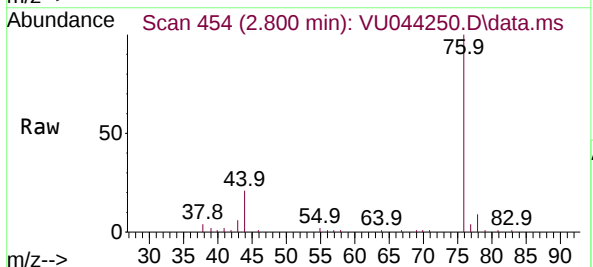
Instrument :  
MSVOA\_U  
ClientSampleId :

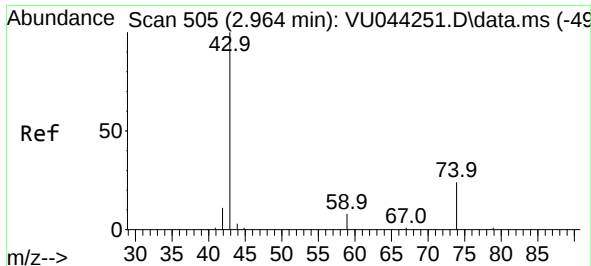
Tgt Ion: 43 Resp: 12810  
Ion Ratio Lower Upper  
43 100  
58 31.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.829 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 76 Resp: 25904  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

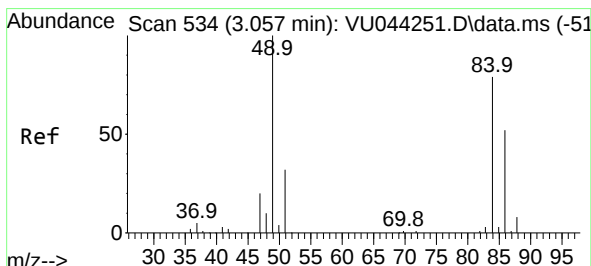
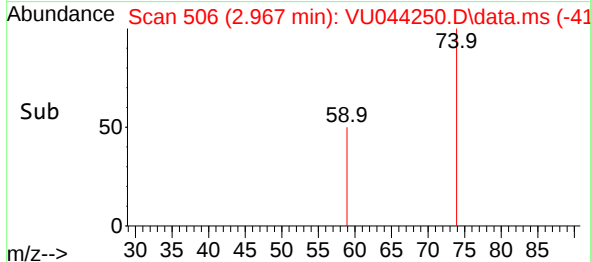
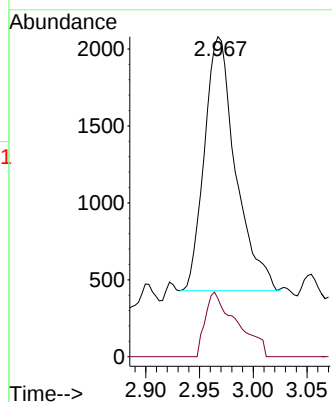
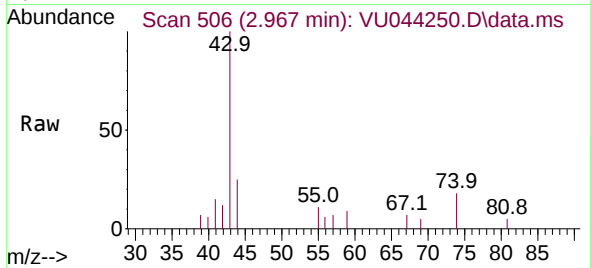




#15  
Methyl Acetate  
Concen: 0.712 ug/L  
RT: 2.967 min Scan# 506  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

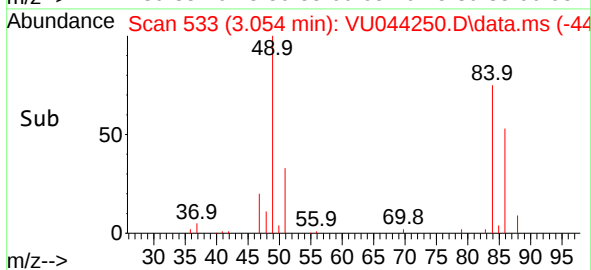
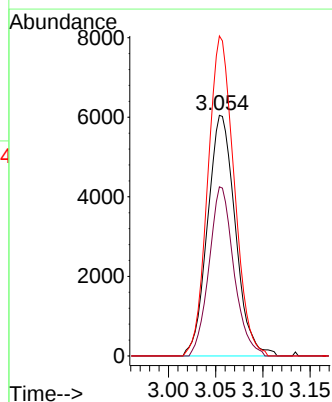
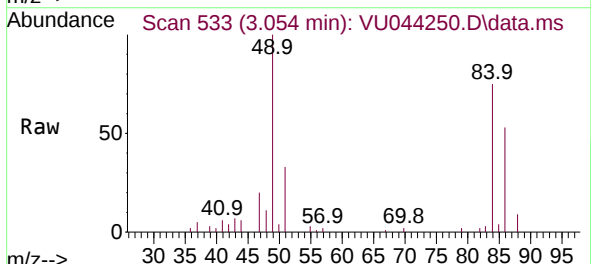
Instrument :  
MSVOA\_U  
ClientSampleId :

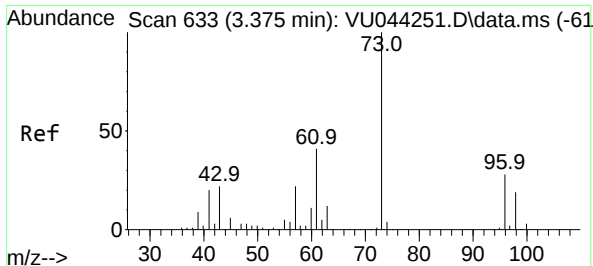
Tgt Ion: 43 Resp: 3344  
Ion Ratio Lower Upper  
43 100  
74 25.7 18.4 27.6



#16  
Methylene chloride  
Concen: 0.911 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 84 Resp: 12341  
Ion Ratio Lower Upper  
84 100  
86 70.2 46.1 85.5  
49 132.9 88.4 164.2



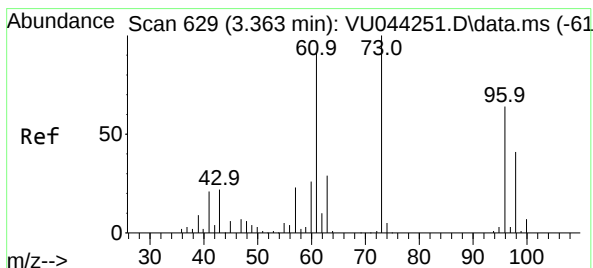
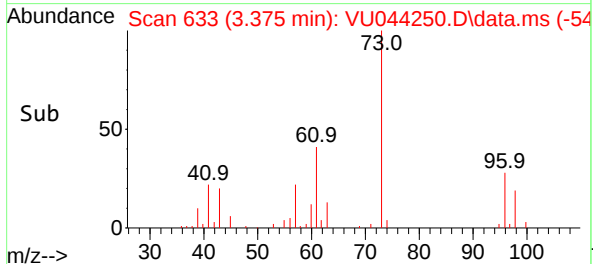
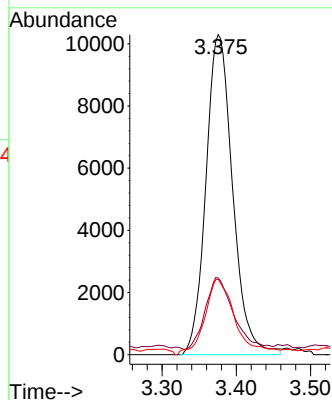
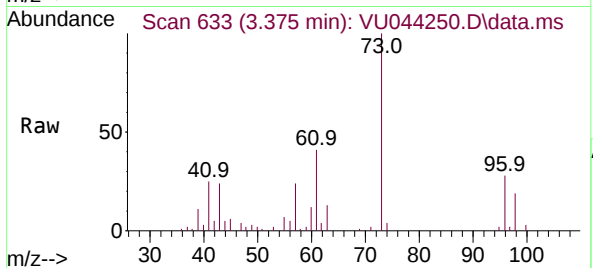


#17

Methyl tert-butyl Ether  
Concen: 0.962 ug/L  
RT: 3.375 min Scan# 633  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Instrument :  
MSVOA\_U  
ClientSampled :

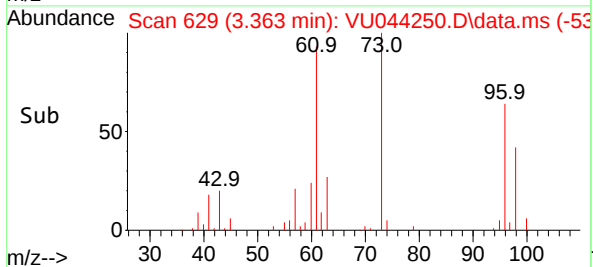
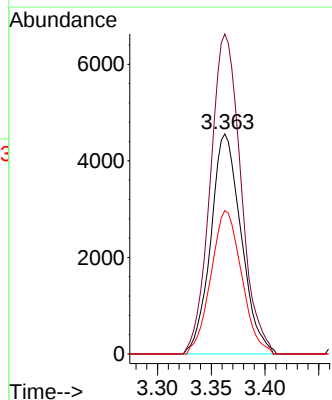
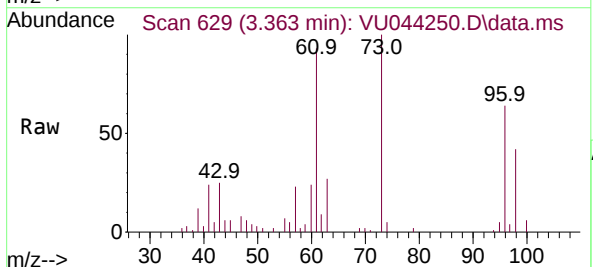
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 25761 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 43 23.7     | 17.6 26.4   |
| 57 26.6     | 17.8 26.8   |

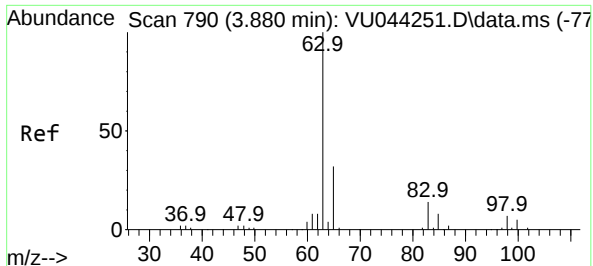


#18

trans-1,2-Dichloroethene  
Concen: 0.868 ug/L  
RT: 3.363 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 8962  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 145.5    | 100.2 186.2 |
| 98 65.2     | 44.9 83.5   |





#19

1,1-Dichloroethane

Concen: 0.878 ug/L

RT: 3.880 min Scan# 790

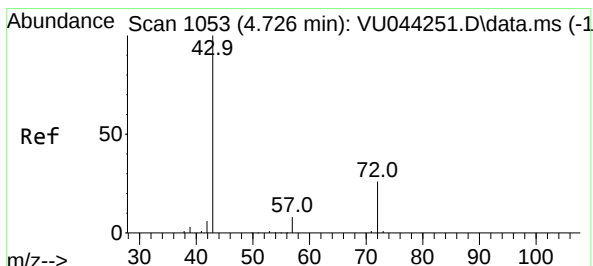
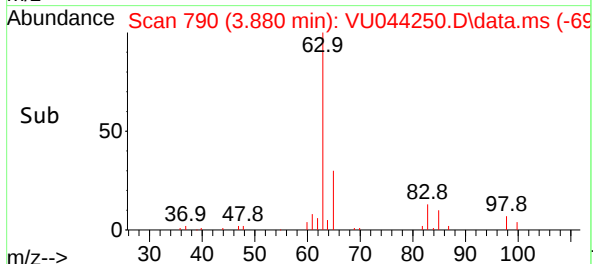
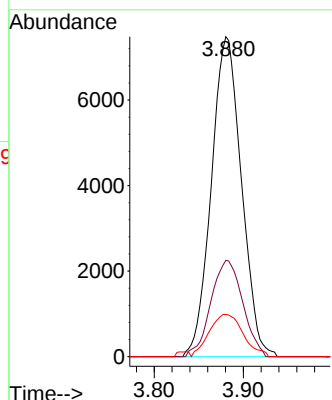
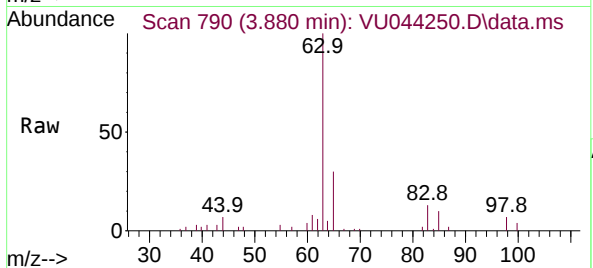
Delta R.T. 0.000 min

Lab File: VU044250.D

Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 17554 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 28.7  | 22.3  | 41.3  |
| 83       | 12.6  | 9.9   | 18.5  |

Instrument :  
MSVOA\_U  
ClientSampled :



#21

2-Butanone

Concen: 8.965 ug/L

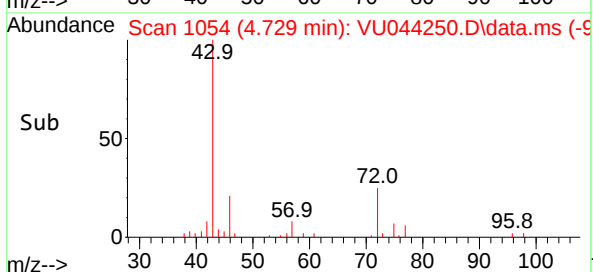
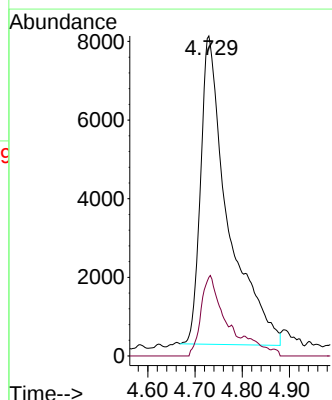
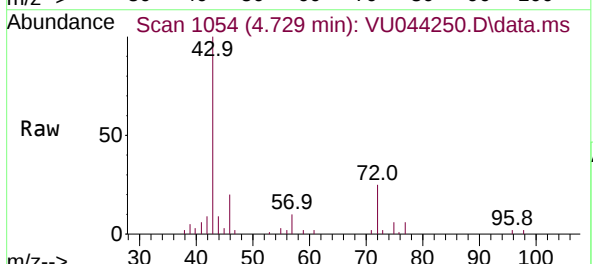
RT: 4.729 min Scan# 1054

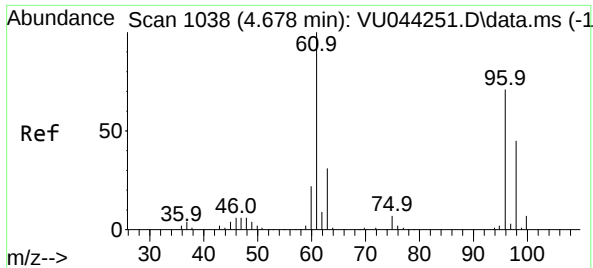
Delta R.T. 0.003 min

Lab File: VU044250.D

Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 31485 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 21.4  | 13.4  | 40.1  |

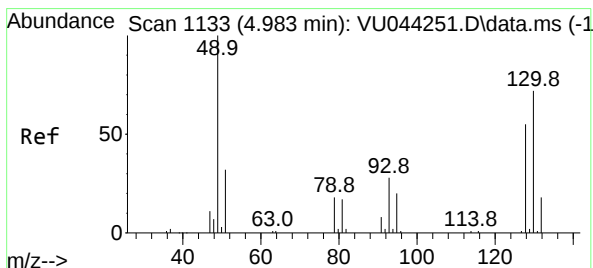
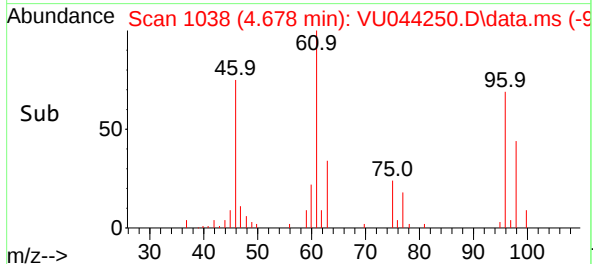
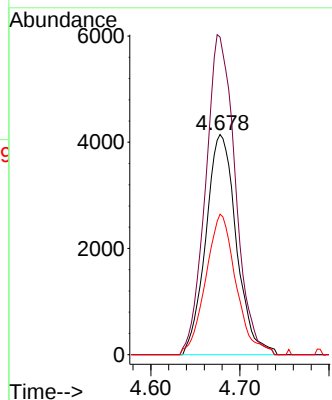
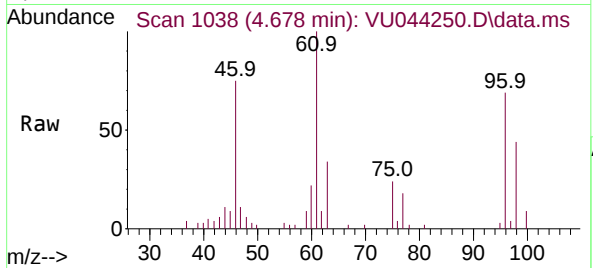




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.878 ug/L  
 RT: 4.678 min Scan# 1038  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

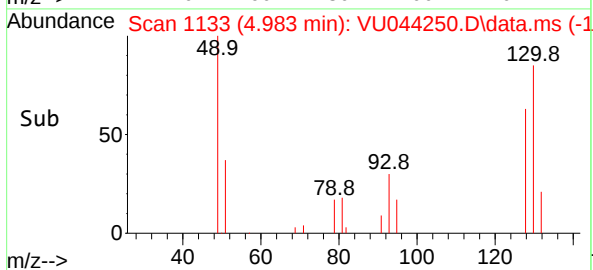
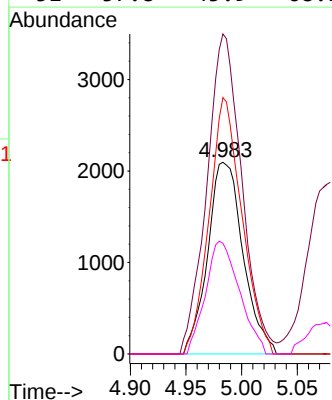
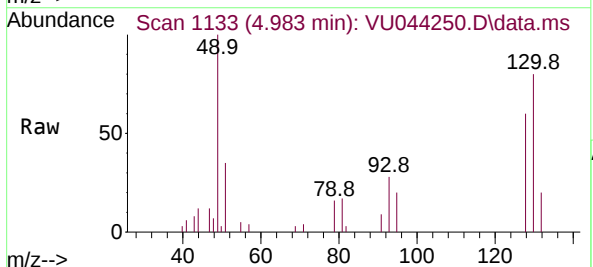
Instrument :  
 MSVOA\_U  
 ClientSampleId :

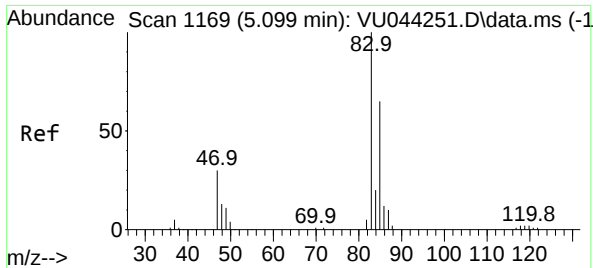
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 9869  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.2 | 98.8  | 183.6 |
| 98       | 63.8  | 44.8  | 83.2  |



#23  
 Bromochloromethane  
 Concen: 0.936 ug/L  
 RT: 4.983 min Scan# 1133  
 Delta R.T. 0.000 min  
 Lab File: VU044250.D  
 Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4635  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 172.4 | 127.2 | 236.2 |
| 130      | 133.7 | 91.7  | 170.3 |
| 51       | 57.8  | 45.9  | 68.9  |

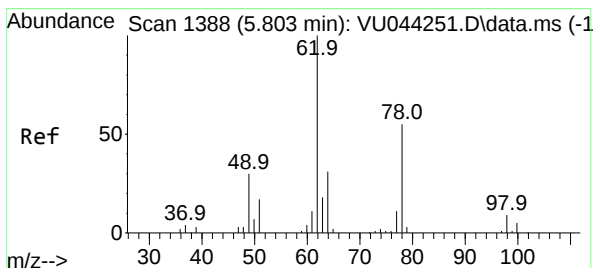
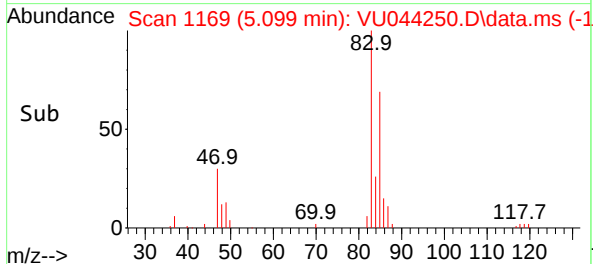
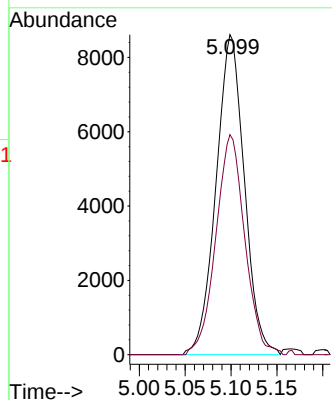
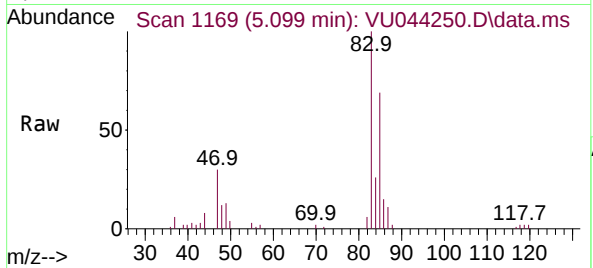




#25  
Chloroform  
Concen: 0.921 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

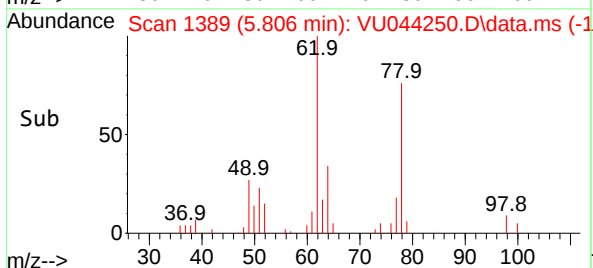
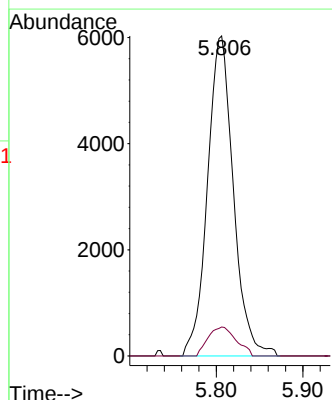
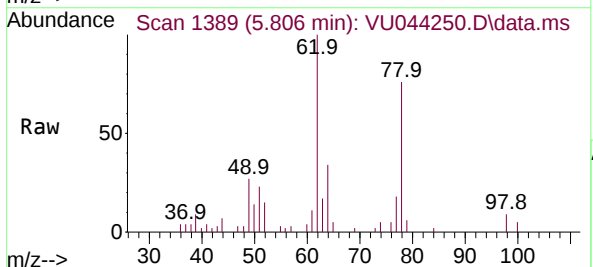
Instrument :  
MSVOA\_U  
ClientSampleId :

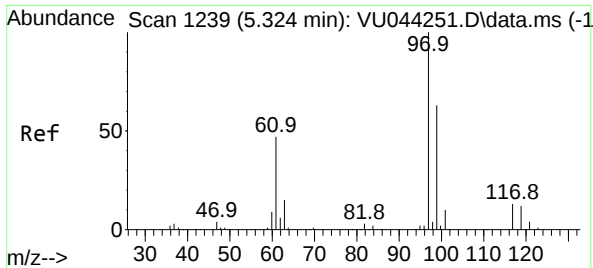
Tgt Ion: 83 Resp: 18506  
Ion Ratio Lower Upper  
83 100  
85 68.8 45.2 84.0



#27  
1,2-Dichloroethane  
Concen: 0.948 ug/L  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 62 Resp: 12522  
Ion Ratio Lower Upper  
62 100  
98 9.1 6.8 10.2

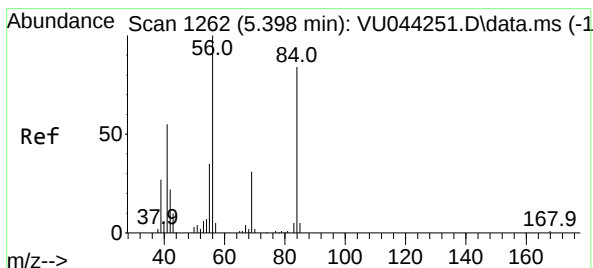
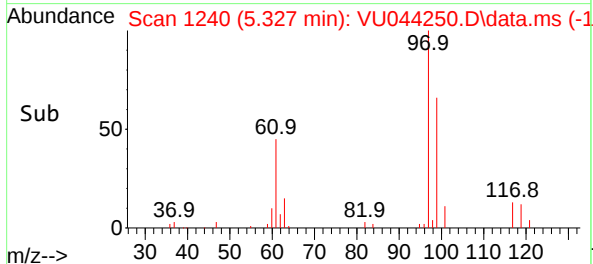
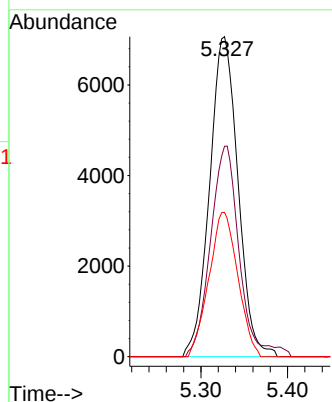
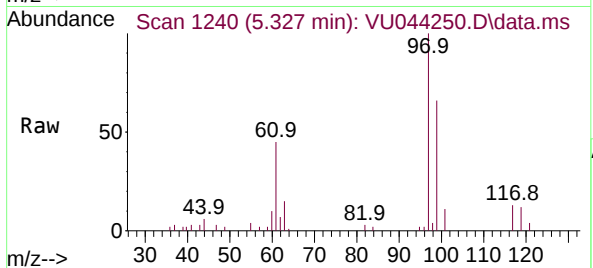




#29  
1,1,1-Trichloroethane  
Concen: 0.954 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

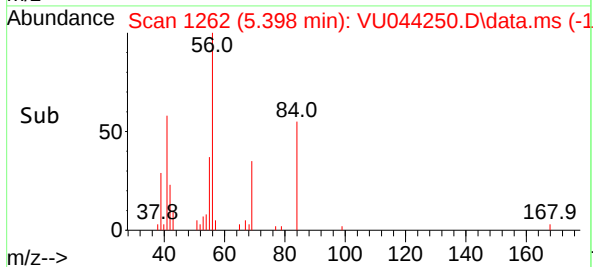
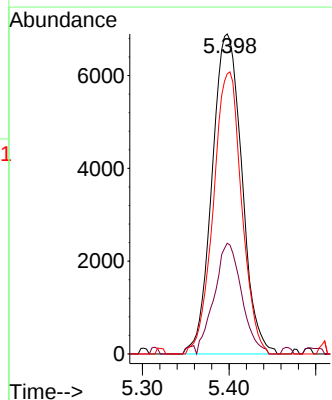
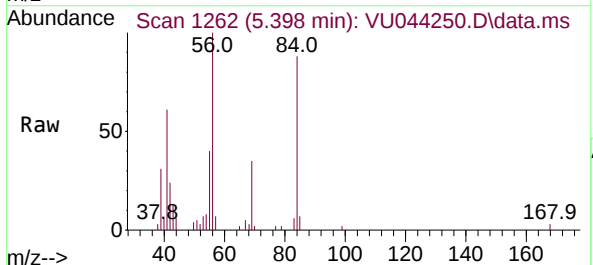
Instrument :  
MSVOA\_U  
ClientSampleId :

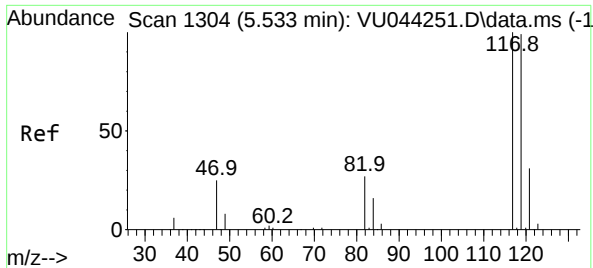
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16121 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.7  | 51.4  | 77.0  |
| 61       | 45.8  | 37.0  | 55.6  |



#30  
Cyclohexane  
Concen: 0.850 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 16497 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.8  | 24.8  | 37.2  |
| 84       | 83.5  | 67.8  | 101.8 |

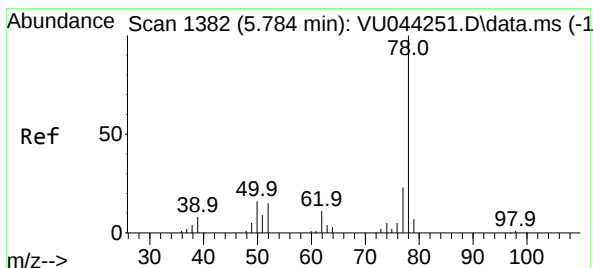
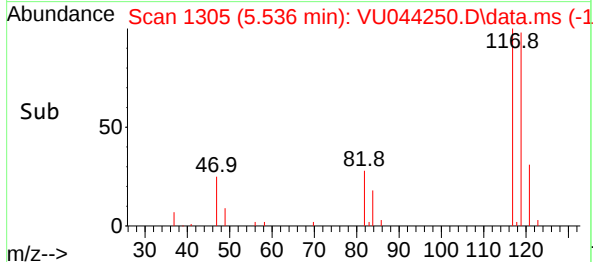
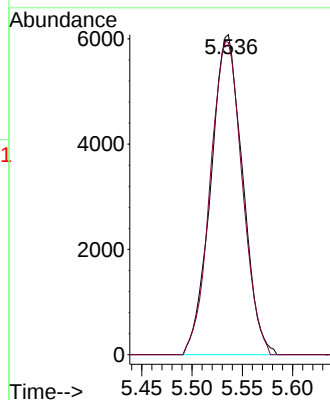
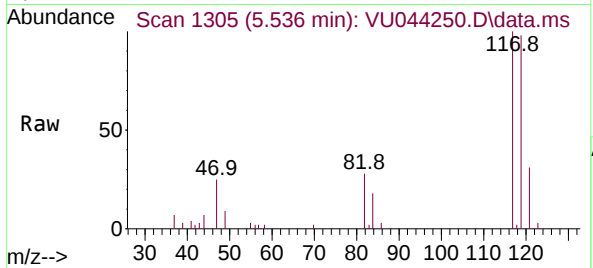




#31  
Carbon tetrachloride  
Concen: 0.948 ug/L  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

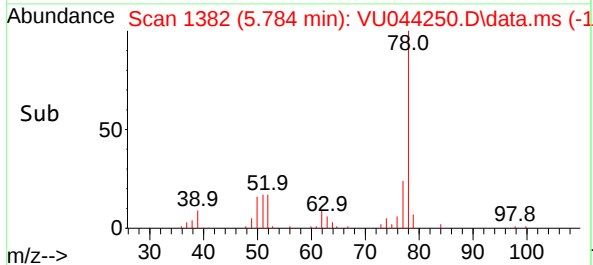
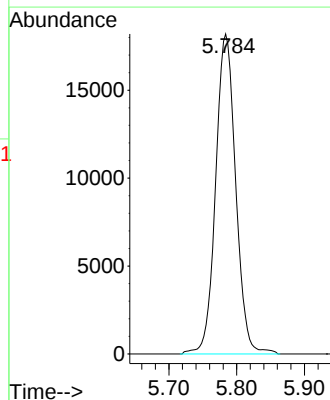
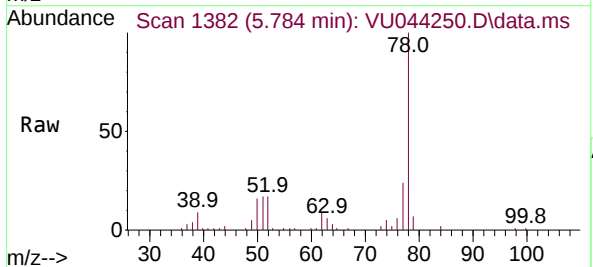
Instrument :  
MSVOA\_U  
ClientSampled :

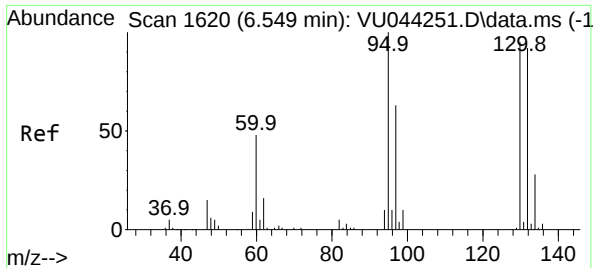
Tgt Ion:117 Resp: 13367  
Ion Ratio Lower Upper  
117 100  
119 98.3 77.7 116.5



#33  
Benzene  
Concen: 0.831 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 78 Resp: 37445



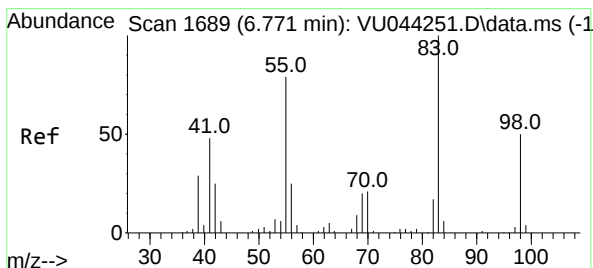
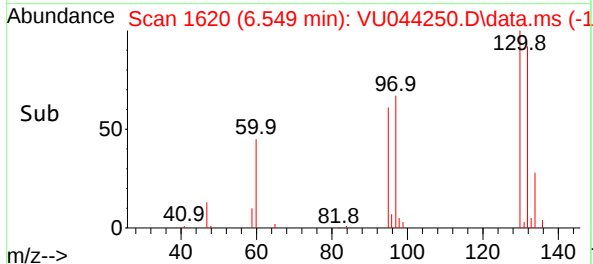
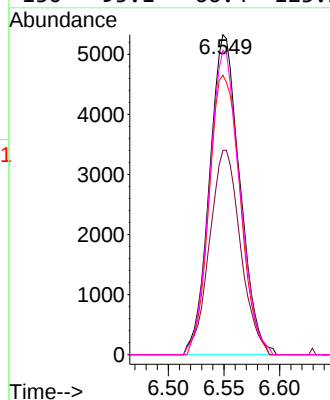
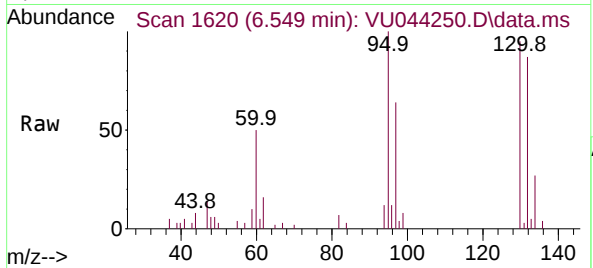


#34  
Trichloroethene  
Concen: 0.864 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 10066

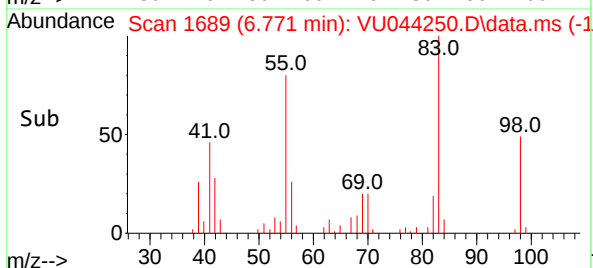
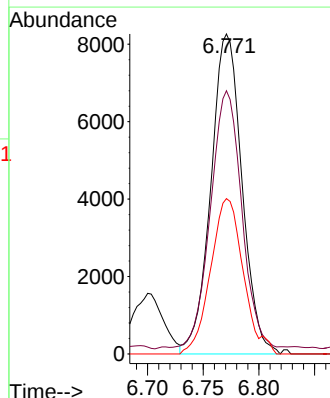
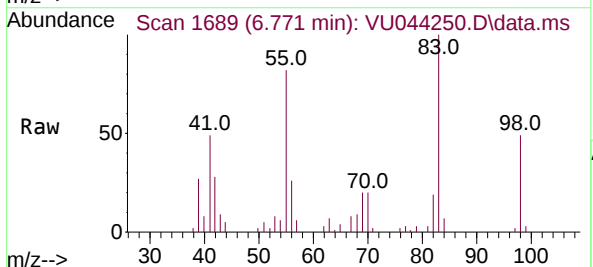
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.8  | 44.3  | 82.3  |
| 132 | 87.3  | 64.3  | 119.5 |
| 130 | 95.1  | 66.4  | 123.2 |

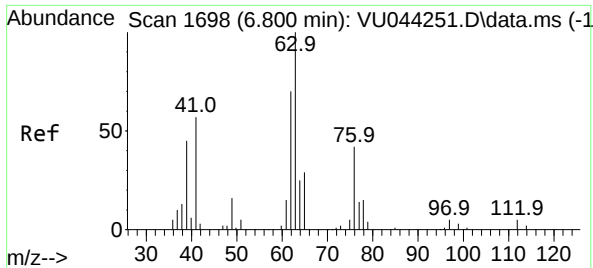


#35  
Methylcyclohexane  
Concen: 0.850 ug/L  
RT: 6.771 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 83 Resp: 16071

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 79.7  | 63.4  | 95.0  |
| 98  | 50.9  | 39.4  | 59.0  |



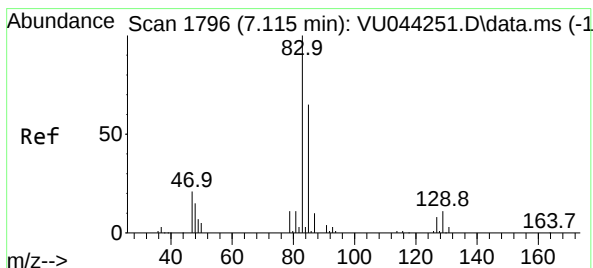
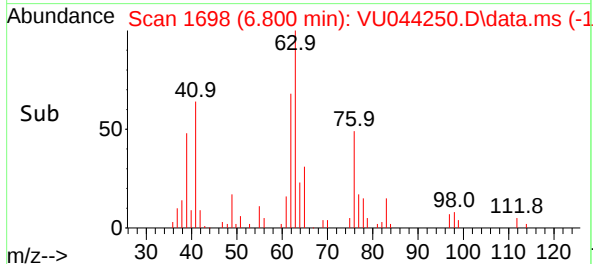
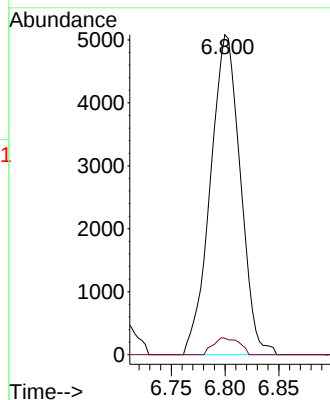
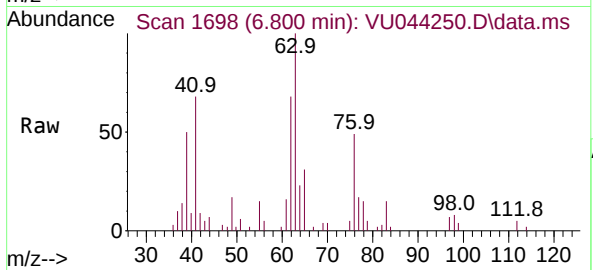


#37

1,2-Dichloropropane  
Concen: 0.814 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Instrument :  
MSVOA\_U  
ClientSampled :

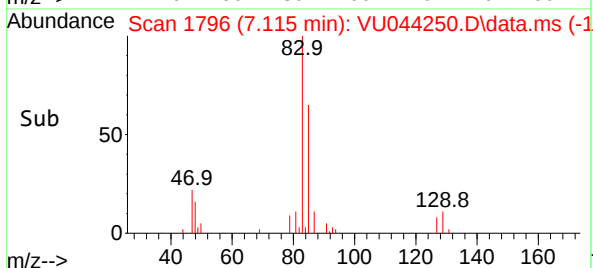
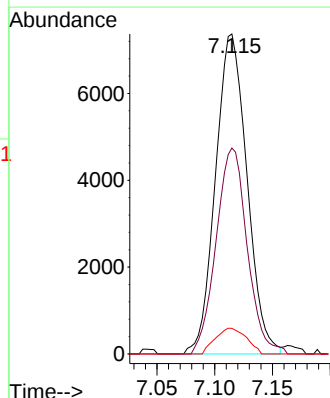
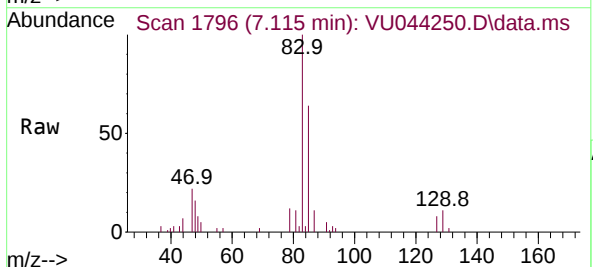
Tgt Ion: 63 Resp: 9859  
Ion Ratio Lower Upper  
63 100  
112 4.5 3.5 5.3

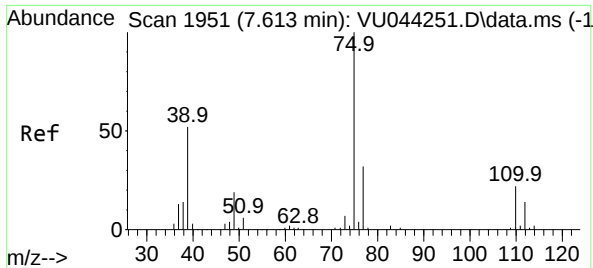


#38

Bromodichloromethane  
Concen: 0.966 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 83 Resp: 13984  
Ion Ratio Lower Upper  
83 100  
85 64.3 45.2 84.0  
127 8.0 6.7 10.1



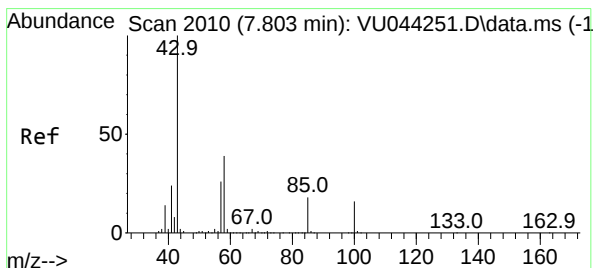
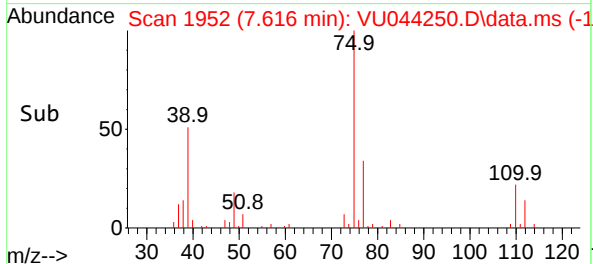
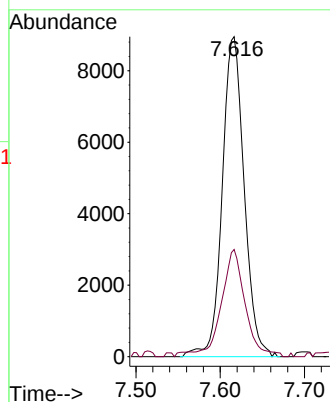
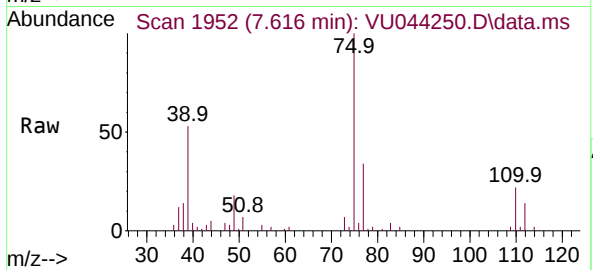


#39

cis-1,3-Dichloropropene  
Concen: 0.939 ug/L  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Instrument :  
MSVOA\_U  
ClientSampled :

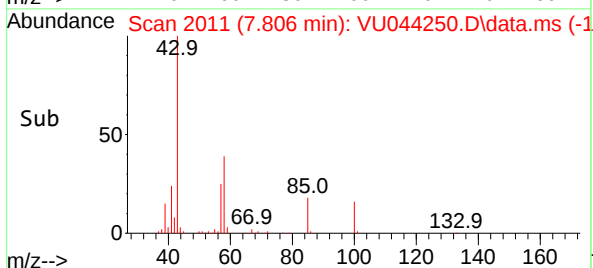
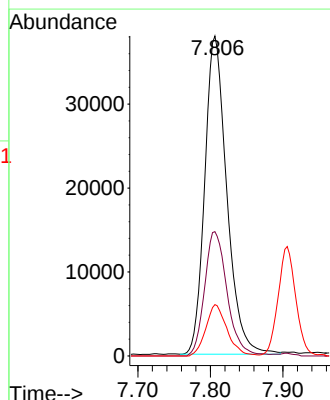
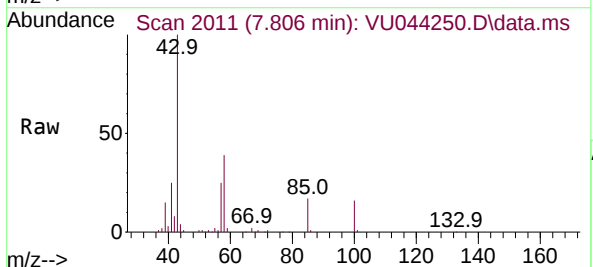
Tgt Ion: 75 Resp: 16168  
Ion Ratio Lower Upper  
75 100  
77 33.5 22.5 41.7

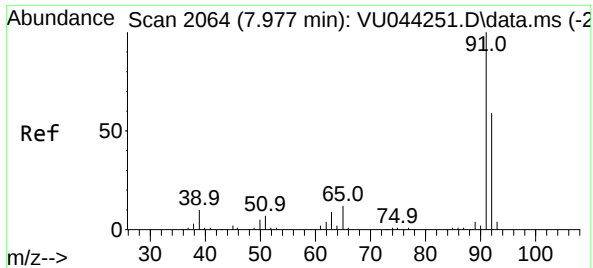


#40

4-Methyl-2-pentanone  
Concen: 9.246 ug/L  
RT: 7.806 min Scan# 2011  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 43 Resp: 80339  
Ion Ratio Lower Upper  
43 100  
58 39.8 31.2 46.8  
100 15.6 12.3 18.5

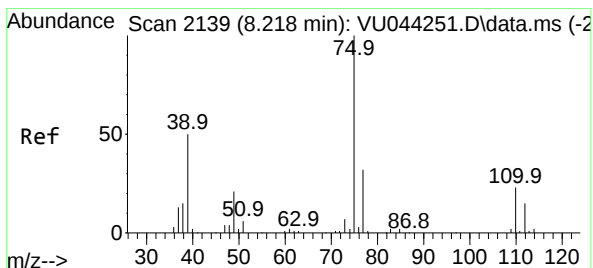
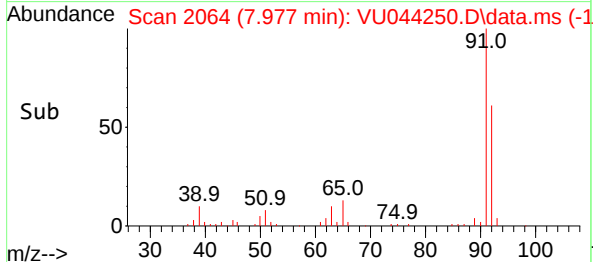
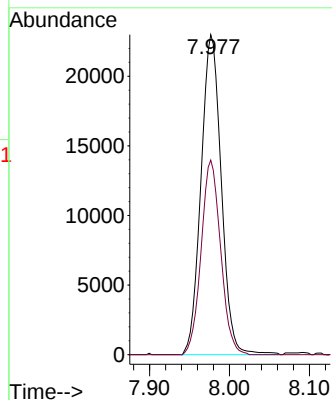
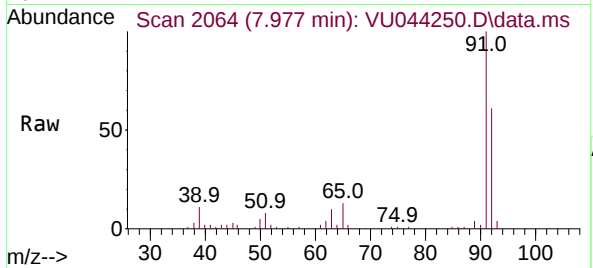




#42  
Toluene  
Concen: 0.848 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

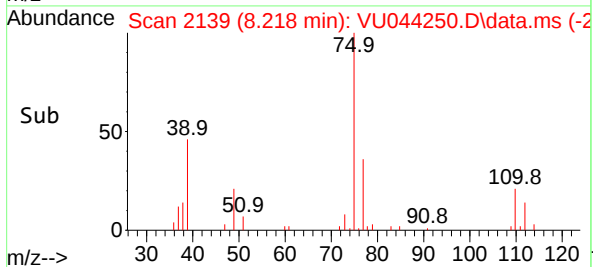
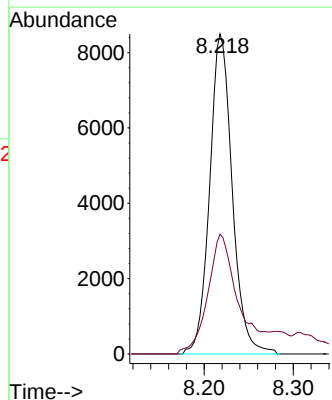
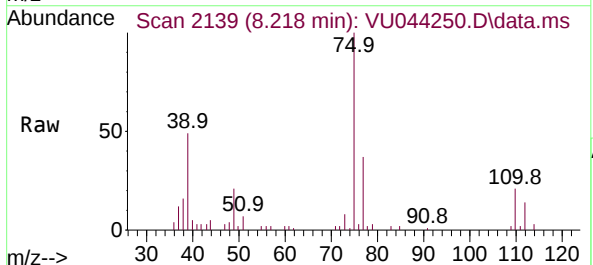
Instrument :  
MSVOA\_U  
ClientSampled :

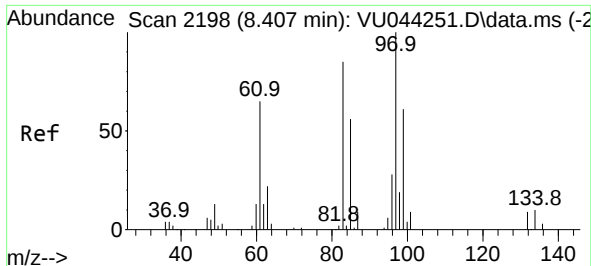
Tgt Ion: 91 Resp: 40583  
Ion Ratio Lower Upper  
91 100  
92 60.8 41.2 76.6



#44  
trans-1,3-Dichloropropene  
Concen: 0.998 ug/L  
RT: 8.218 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 75 Resp: 14949  
Ion Ratio Lower Upper  
75 100  
77 37.5 22.6 42.0

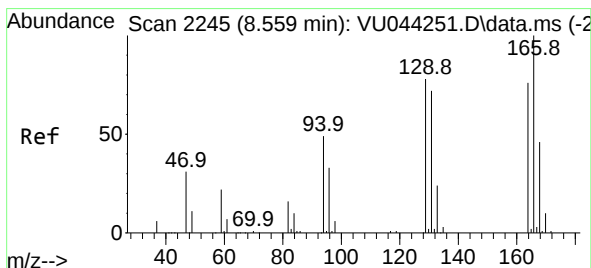
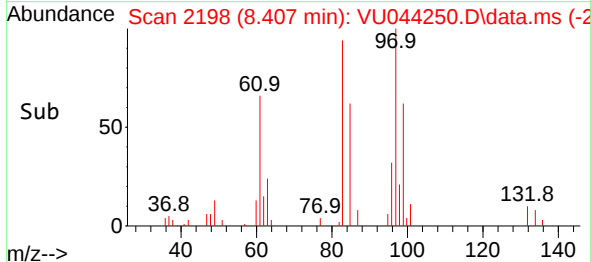
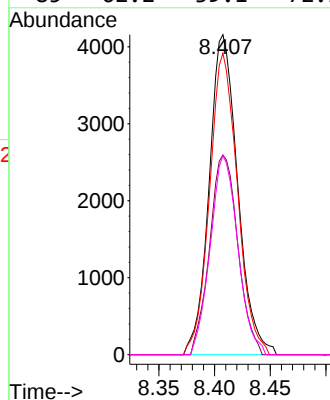
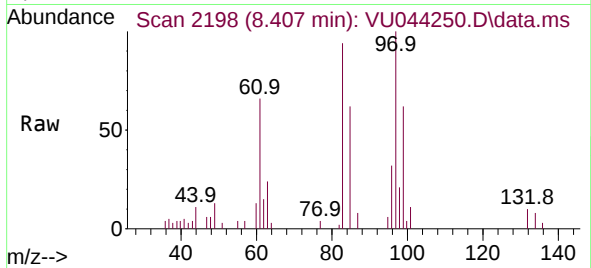




#45  
1,1,2-Trichloroethane  
Concen: 0.885 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

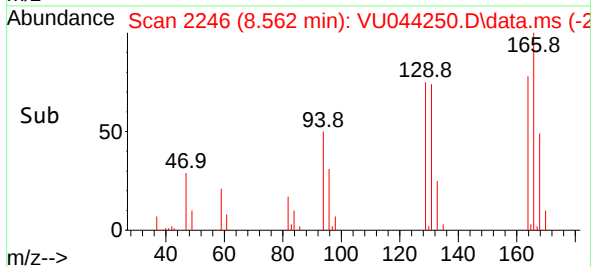
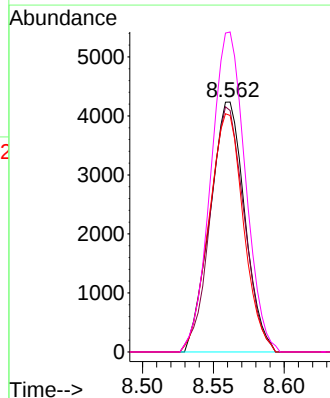
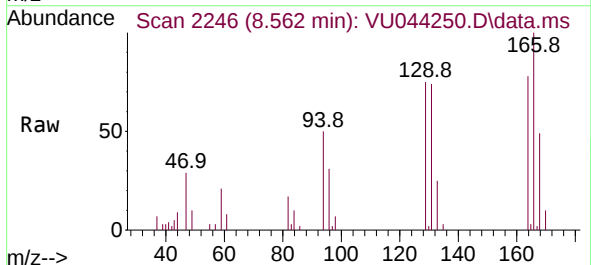
Instrument :  
MSVOA\_U  
ClientSampled :

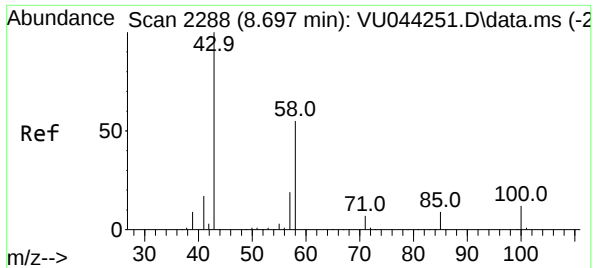
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 7417  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.4  | 42.8  | 79.4  |
| 83       | 94.2  | 59.9  | 111.3 |
| 85       | 62.2  | 39.1  | 72.5  |



#47  
Tetrachloroethene  
Concen: 0.881 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 7224  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 96.6  | 71.8  | 133.4 |
| 131      | 94.6  | 66.4  | 123.2 |
| 166      | 128.1 | 91.6  | 170.2 |

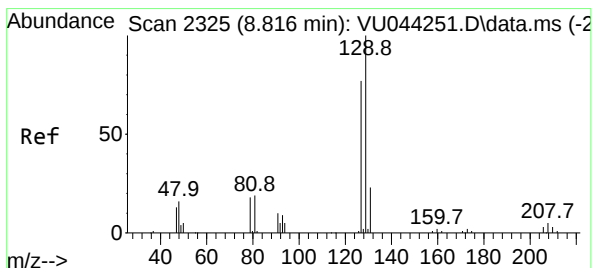
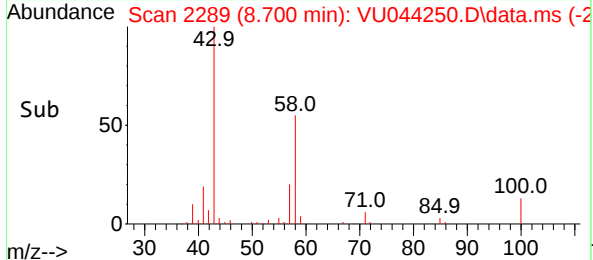
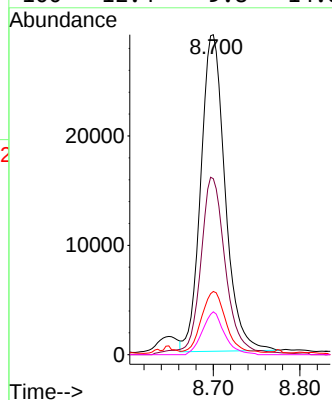
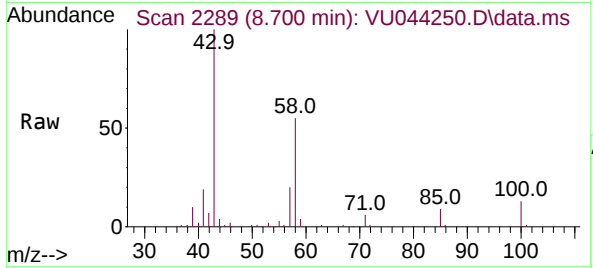




#48  
2-Hexanone  
Concen: 9.160 ug/L  
RT: 8.700 min Scan# 2289  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

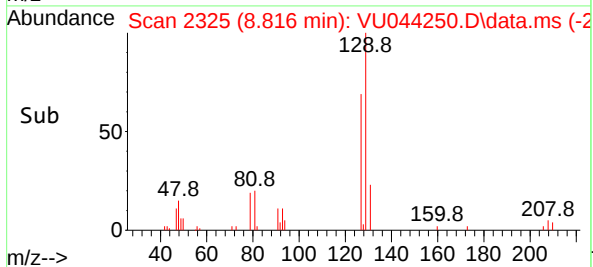
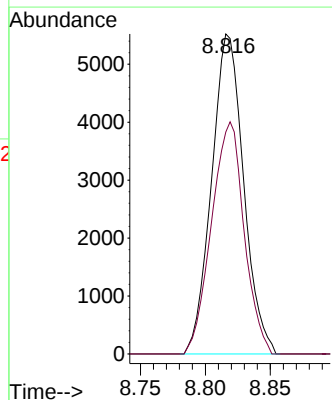
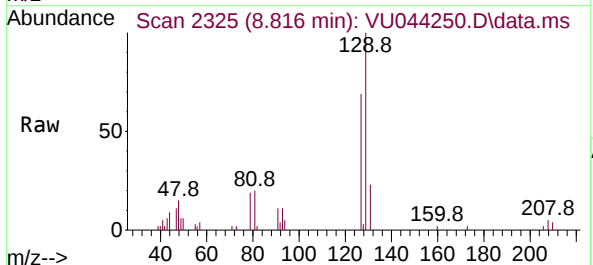
Instrument :  
MSVOA\_U  
ClientSampled :

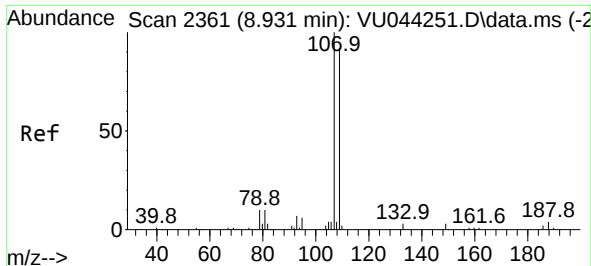
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 56400 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 58.0  | 44.7  | 67.1  |
| 57       | 20.2  | 15.7  | 23.5  |
| 100      | 12.4  | 9.8   | 14.8  |



#49  
Dibromochloromethane  
Concen: 1.019 ug/L  
RT: 8.816 min Scan# 2325  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 9468  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 69.3  | 53.6  | 99.6  |





#50

1,2-Dibromoethane

Concen: 0.931 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044250.D

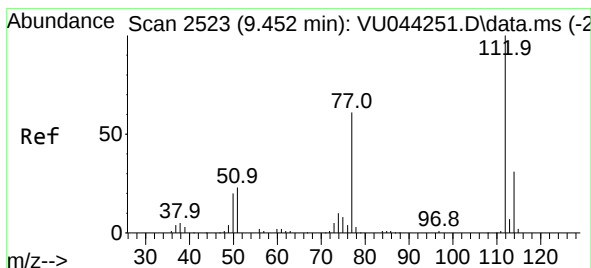
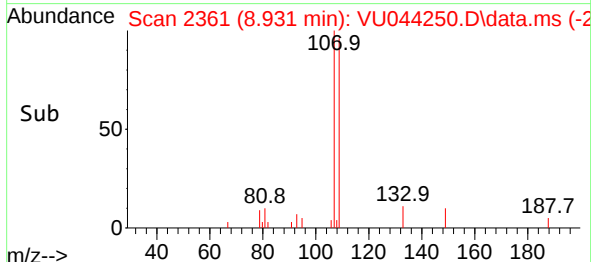
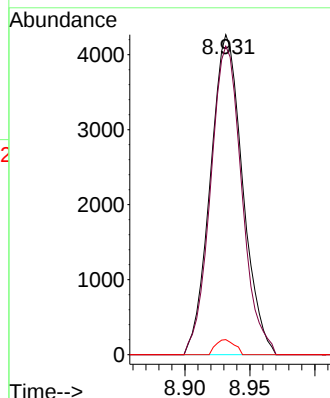
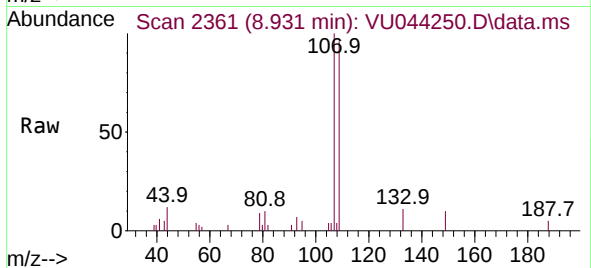
Acq: 21 Jun 2021 10:33

Instrument :

MSVOA\_U

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 7369  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 96.4  | 64.1  | 119.1 |
| 188      | 4.7   | 3.0   | 4.4#  |



#51

Chlorobenzene

Concen: 0.867 ug/L

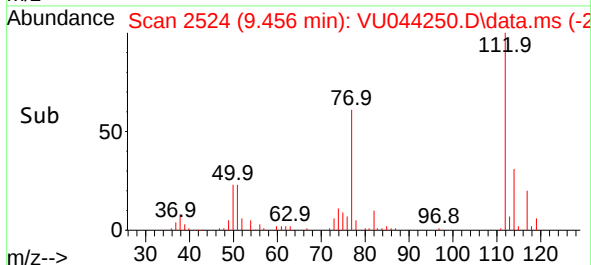
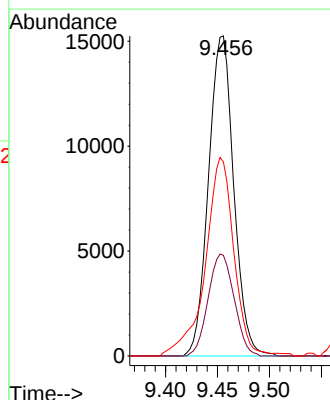
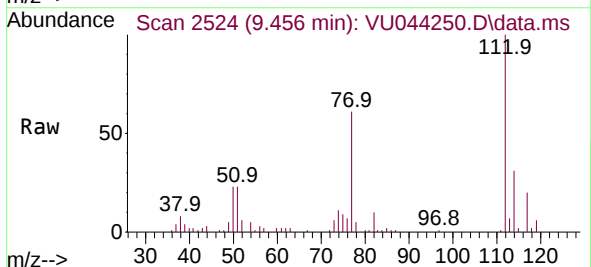
RT: 9.456 min Scan# 2524

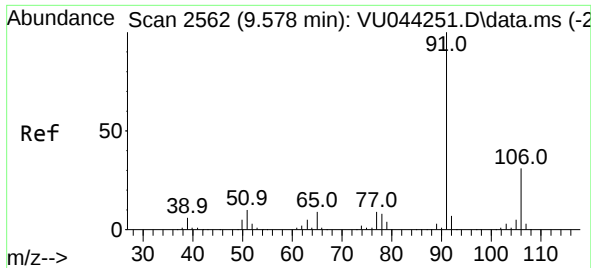
Delta R.T. 0.003 min

Lab File: VU044250.D

Acq: 21 Jun 2021 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 25785 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 31.5  | 22.0  | 41.0  |
| 77       | 60.6  | 48.9  | 73.3  |

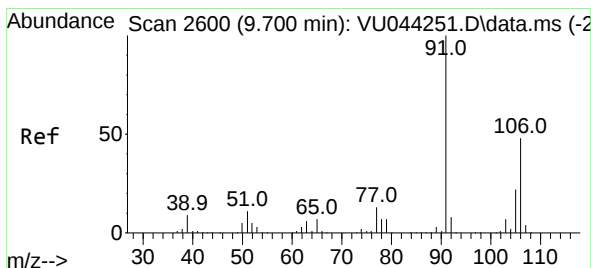
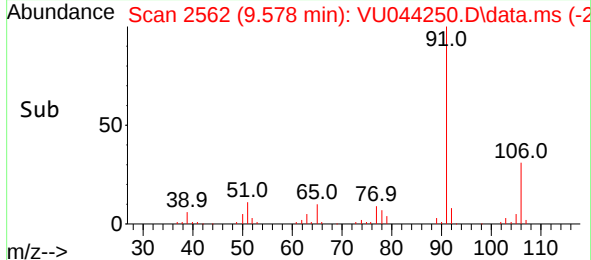
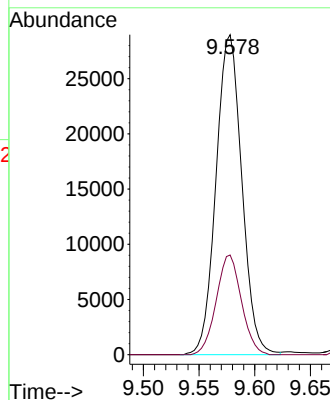
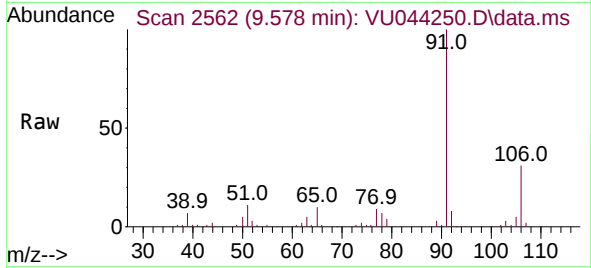




#52  
Ethylbenzene  
Concen: 0.888 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

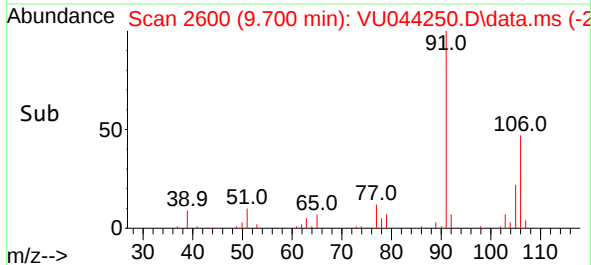
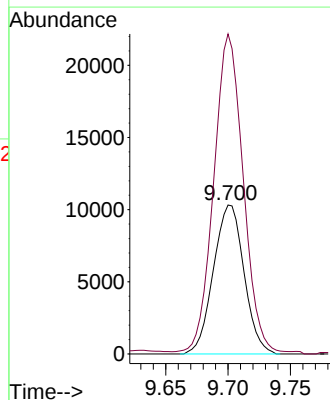
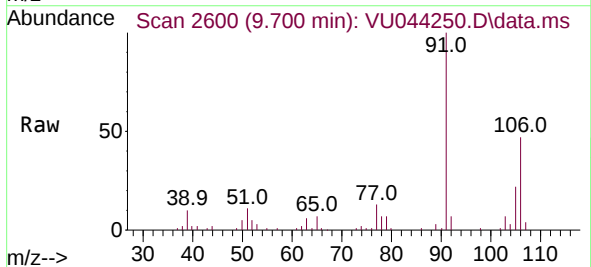
Instrument :  
MSVOA\_U  
ClientSampled :

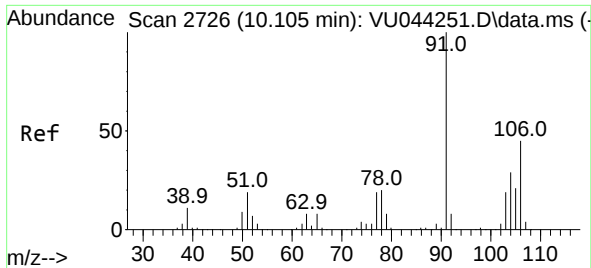
Tgt Ion: 91 Resp: 46701  
Ion Ratio Lower Upper  
91 100  
106 31.1 21.6 40.2



#53  
m,p-Xylene  
Concen: 0.907 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 106 Resp: 17655  
Ion Ratio Lower Upper  
106 100  
91 214.9 144.8 269.0

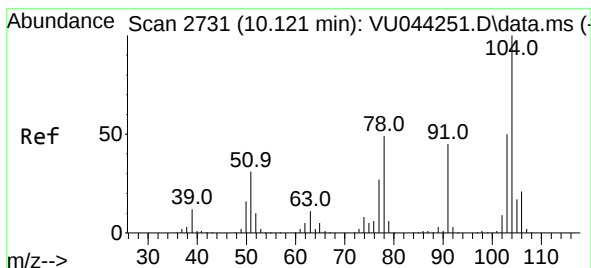
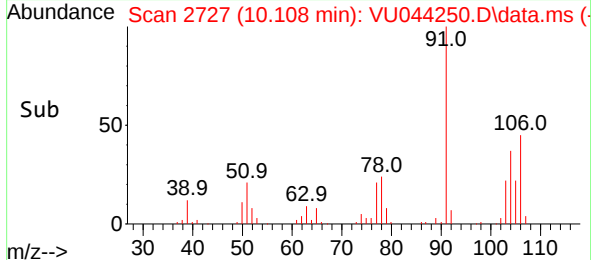
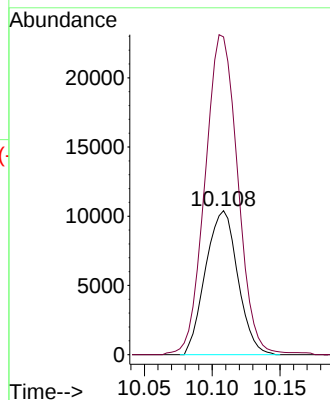
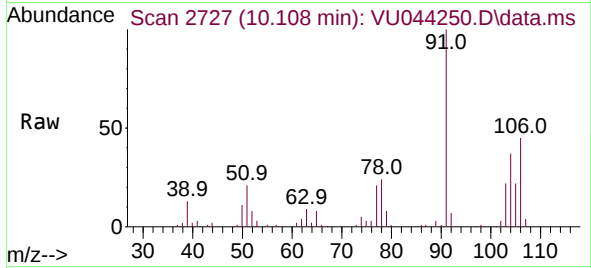




#54  
o-Xylene  
Concen: 0.920 ug/L  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

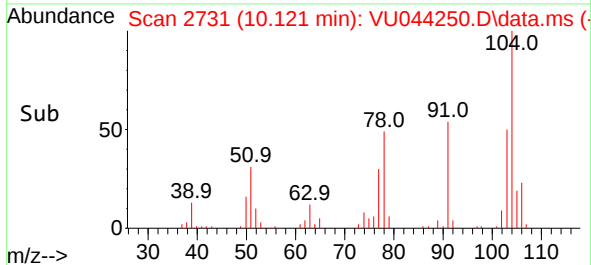
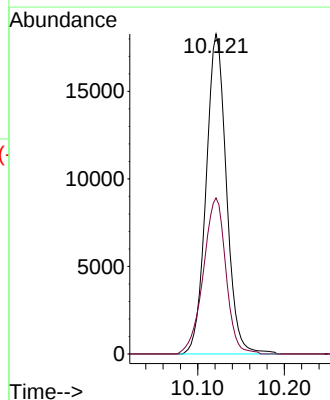
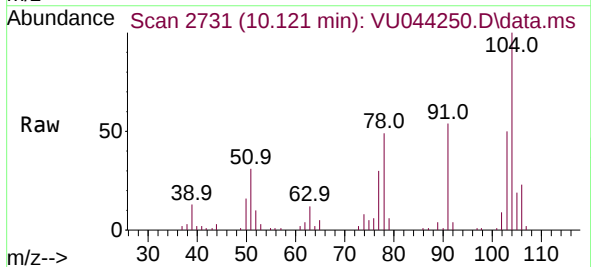
Instrument :  
MSVOA\_U  
ClientSampleId :

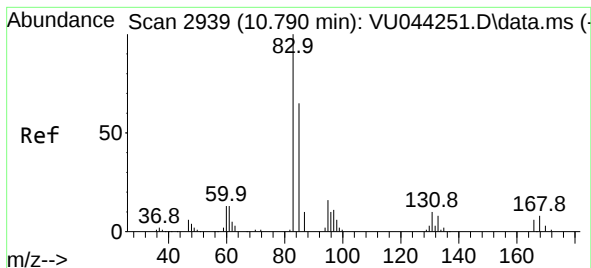
Tgt Ion:106 Resp: 17234  
Ion Ratio Lower Upper  
106 100  
91 220.8 154.8 287.4



#55  
Styrene  
Concen: 0.932 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion:104 Resp: 29806  
Ion Ratio Lower Upper  
104 100  
78 48.7 34.1 63.3

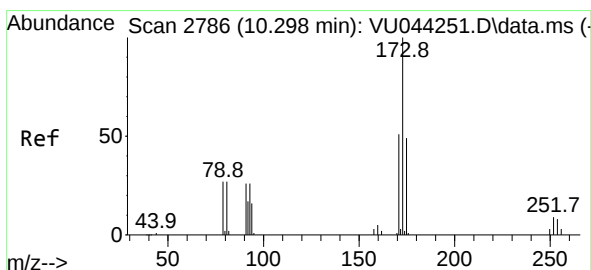
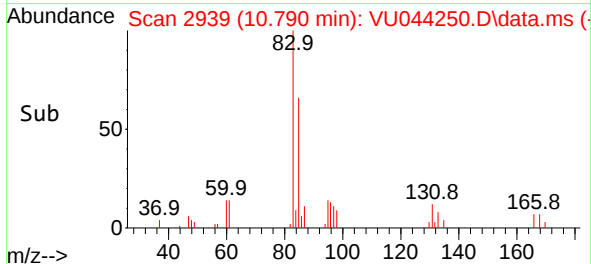
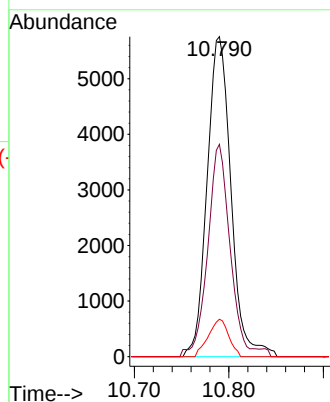
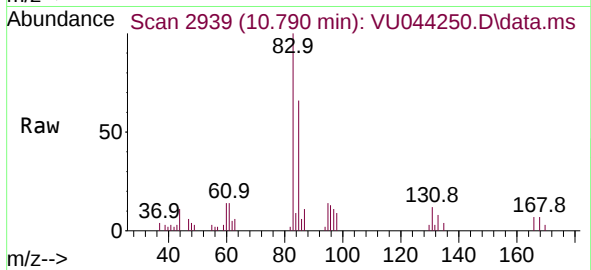




#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.936 ug/L  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

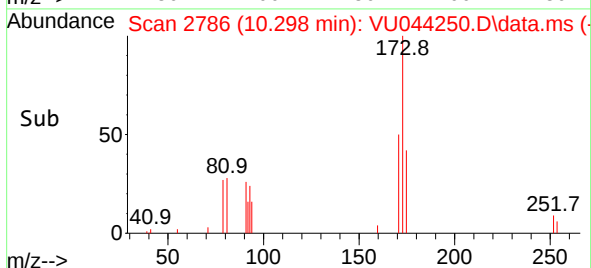
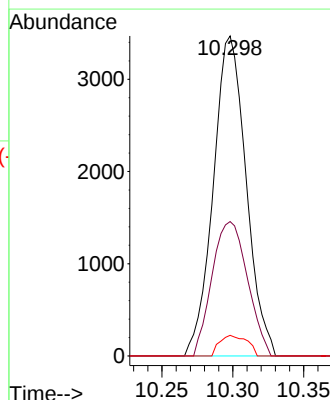
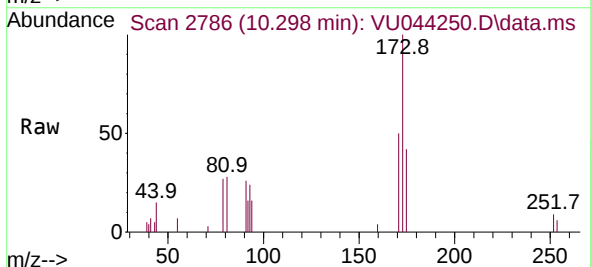
Instrument :  
MSVOA\_U  
ClientSampleId :

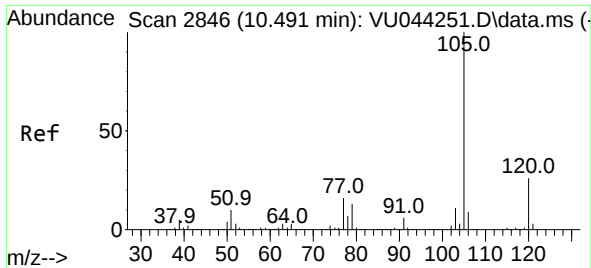
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 10092 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 66.4  | 45.5  | 84.5  |
| 131       | 11.7  | 7.9   | 11.9  |



#59  
Bromoform  
Concen: 1.043 ug/L  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 5591 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 45.3  | 38.0  | 57.0 |
| 254       | 5.4   | 6.2   | 9.4# |

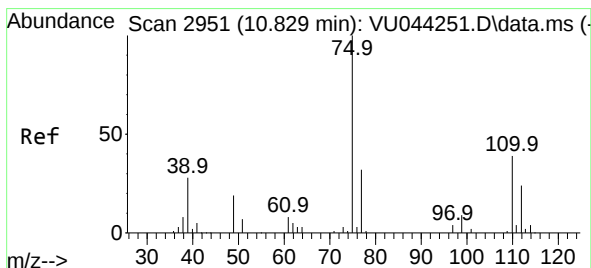
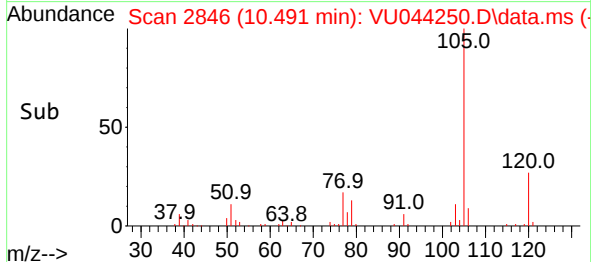
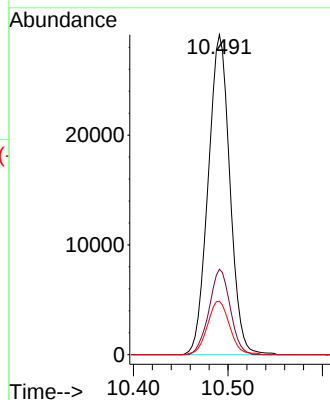
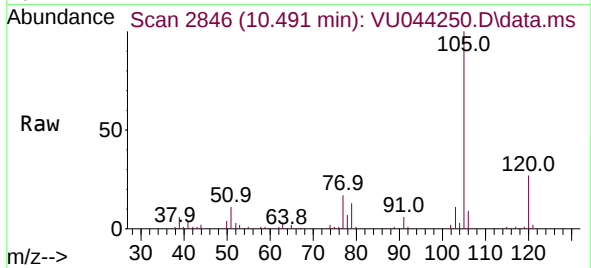




#60  
Isopropylbenzene  
Concen: 0.898 ug/L  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

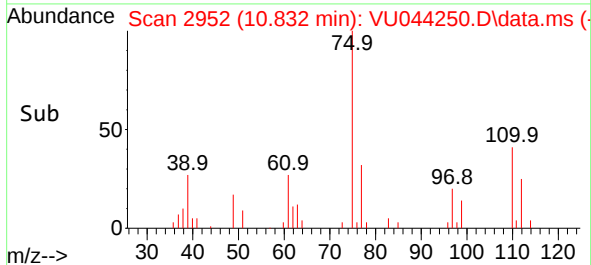
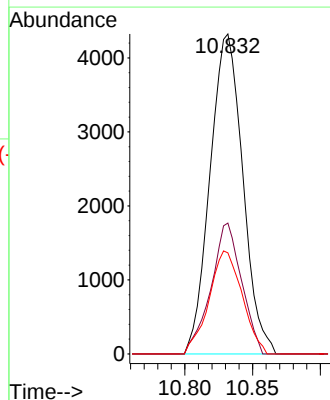
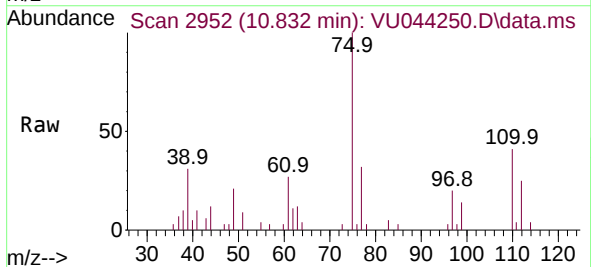
Instrument :  
MSVOA\_U  
ClientSampled :

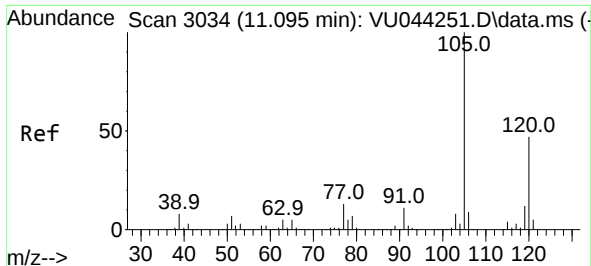
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 46466 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 26.0  | 20.7  | 31.1  |
| 77        | 17.1  | 12.9  | 19.3  |



#61  
1,2,3-Trichloropropane  
Concen: 0.867 ug/L  
RT: 10.832 min Scan# 2952  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 7274 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 110       | 38.2  | 30.5  | 45.7 |
| 77        | 32.6  | 26.1  | 39.1 |

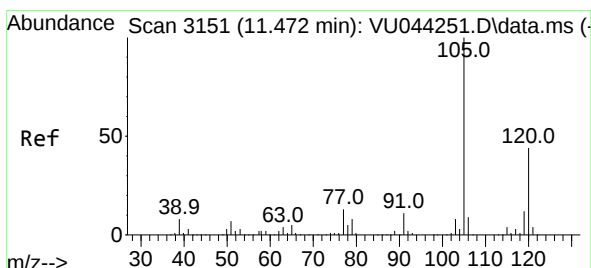
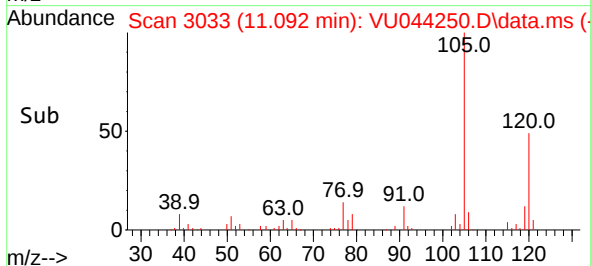
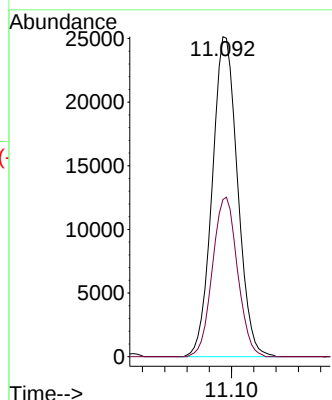
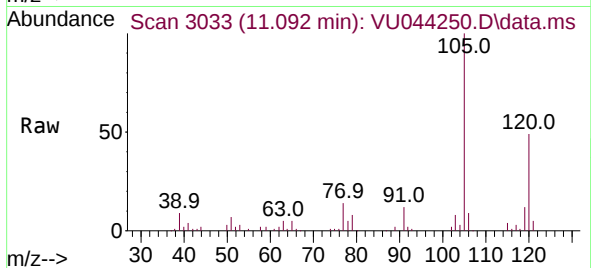




#62  
1,3,5-Trimethylbenzene  
Concen: 0.901 ug/L  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

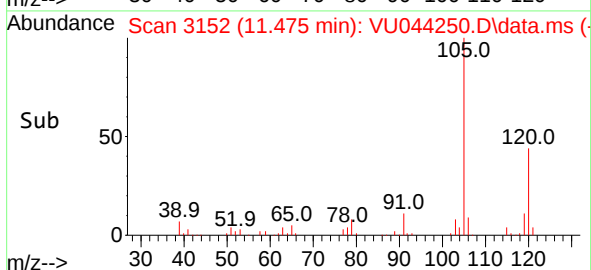
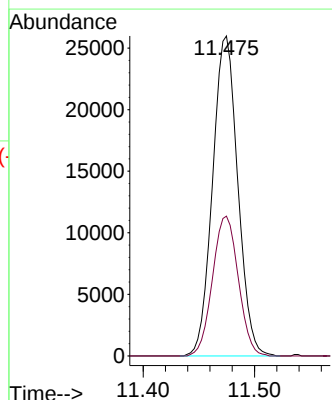
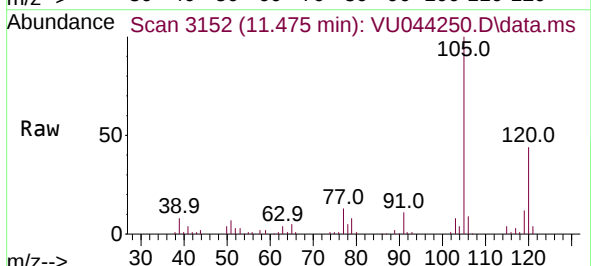
Instrument :  
MSVOA\_U  
ClientSampleId :

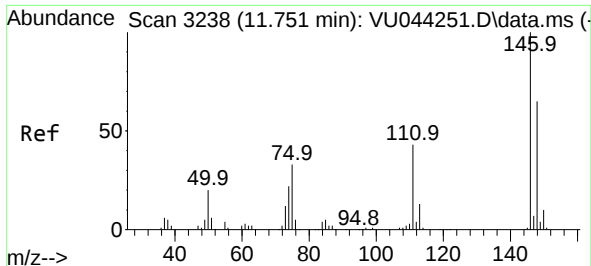
Tgt Ion:105 Resp: 39729  
Ion Ratio Lower Upper  
105 100  
120 49.2 38.0 57.0



#63  
1,2,4-Trimethylbenzene  
Concen: 0.893 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion:105 Resp: 40830  
Ion Ratio Lower Upper  
105 100  
120 44.7 35.6 53.4

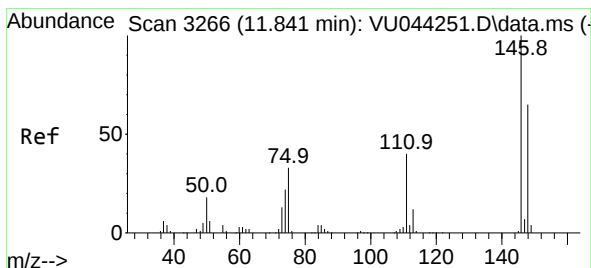
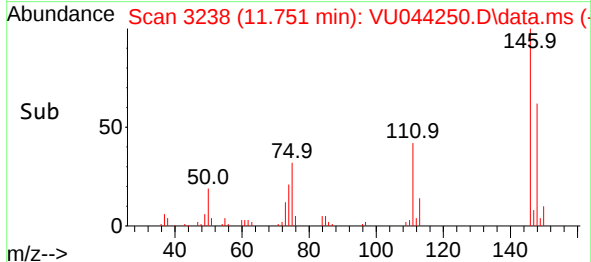
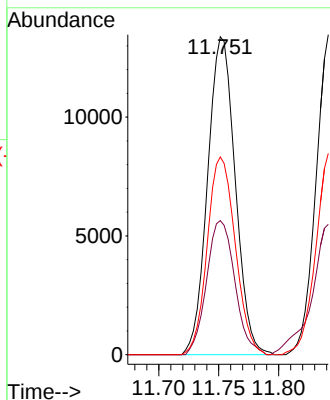
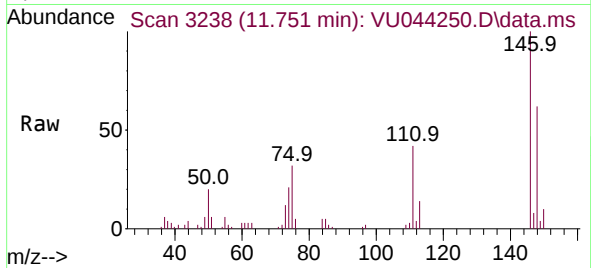




#64  
1,3-Dichlorobenzene  
Concen: 0.886 ug/L  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

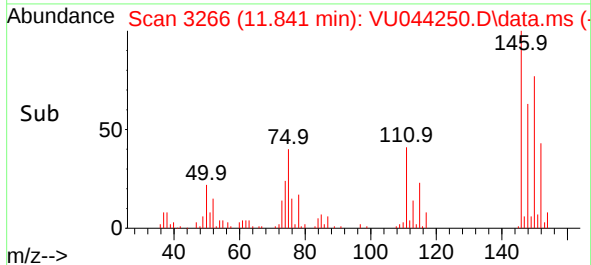
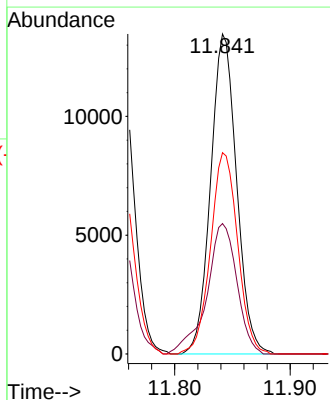
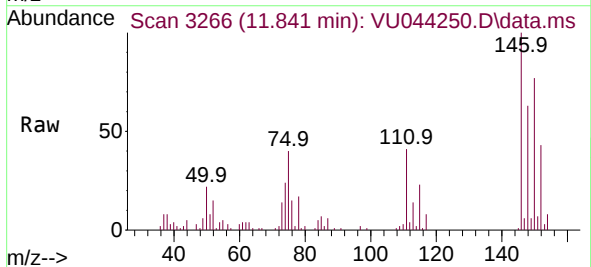
Instrument :  
MSVOA\_U  
ClientSampled :

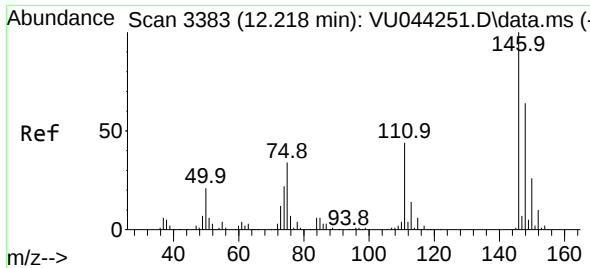
Tgt Ion:146 Resp: 21406  
Ion Ratio Lower Upper  
146 100  
111 42.2 29.8 55.3  
148 62.2 45.8 85.2



#65  
1,4-Dichlorobenzene  
Concen: 0.864 ug/L  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion:146 Resp: 21036  
Ion Ratio Lower Upper  
146 100  
111 40.7 28.2 52.4  
148 62.9 45.1 83.9

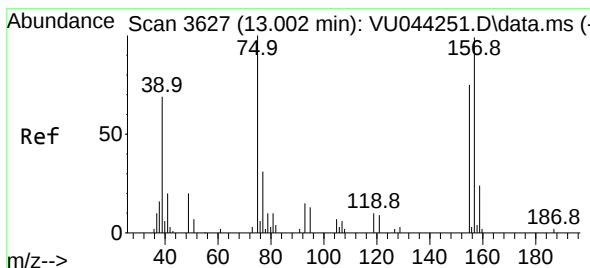
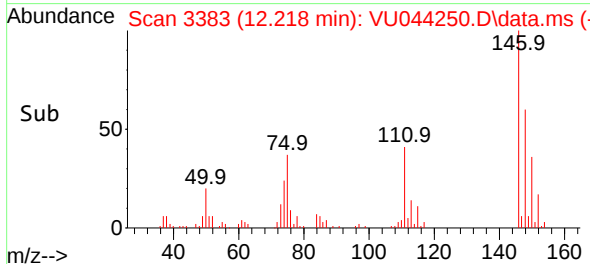
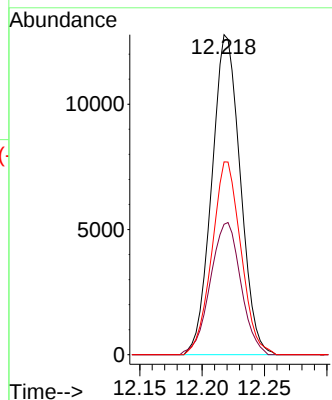
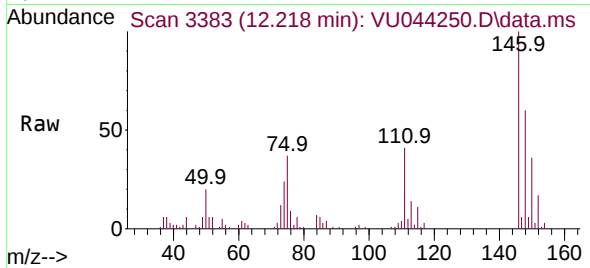




#67  
1,2-Dichlorobenzene  
Concen: 0.899 ug/L  
RT: 12.218 min Scan# 3383  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

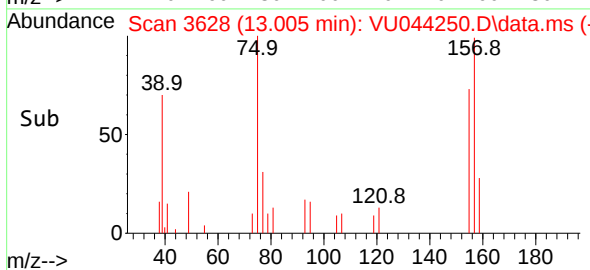
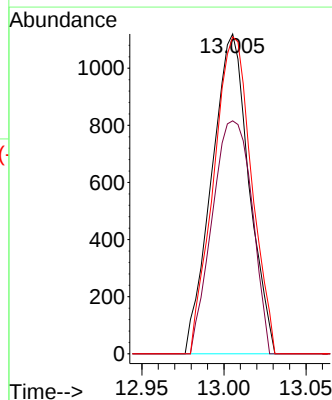
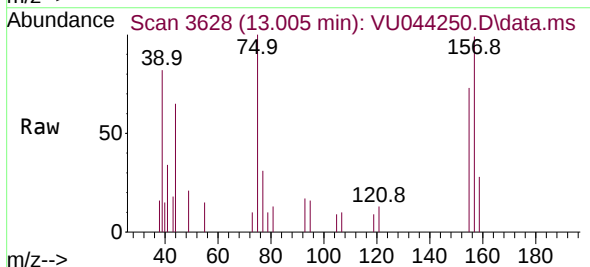
Instrument :  
MSVOA\_U  
ClientSampleId :

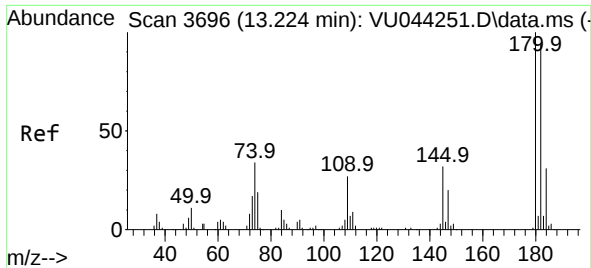
Tgt Ion:146 Resp: 20352  
Ion Ratio Lower Upper  
146 100  
111 40.7 35.0 52.6  
148 60.2 51.2 76.8



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.971 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Tgt Ion: 75 Resp: 1772  
Ion Ratio Lower Upper  
75 100  
155 72.9 59.9 89.9  
157 99.1 79.3 118.9

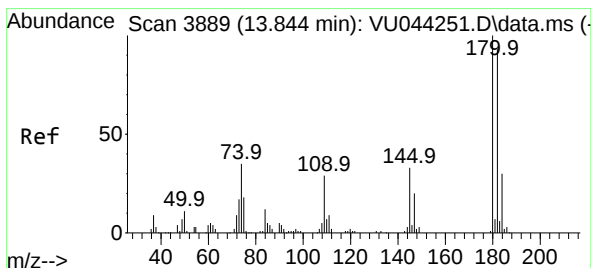
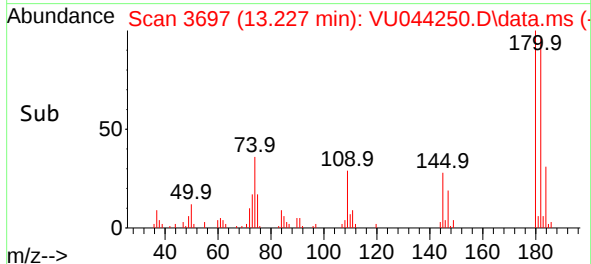
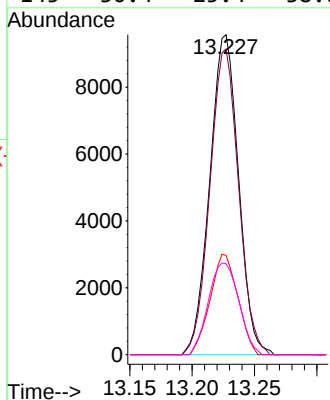
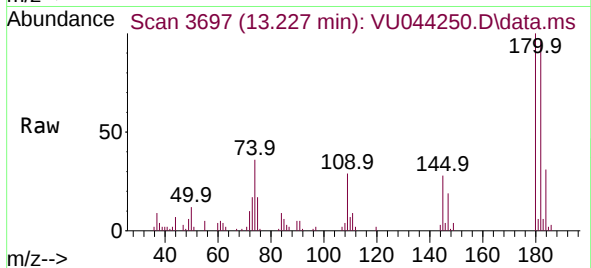




#69  
1,3,5-Trichlorobenzene  
Concen: 0.858 ug/L  
RT: 13.227 min Scan# 3697  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

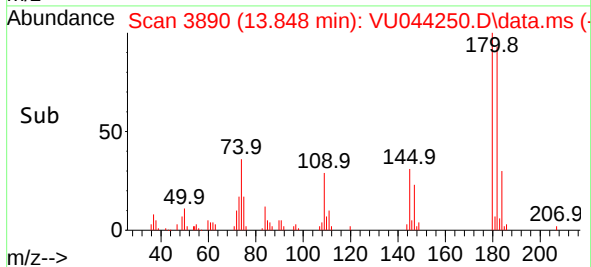
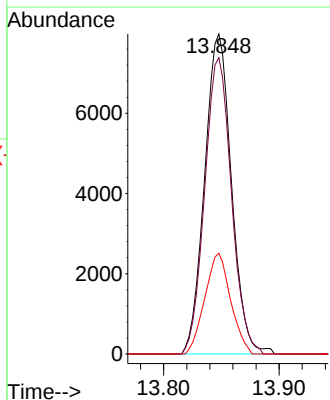
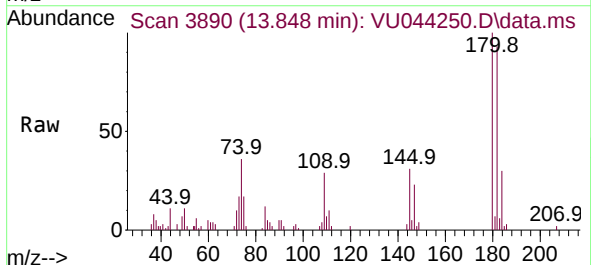
Instrument :  
MSVOA\_U  
ClientSampleId :

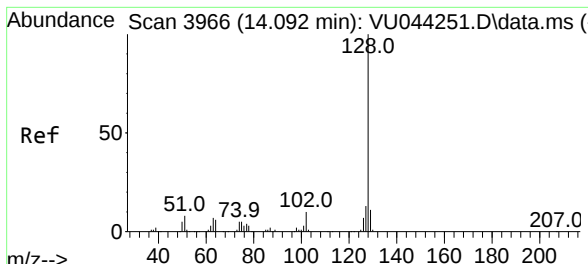
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 15359 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.0  | 75.8  | 113.6 |
| 184       | 30.2  | 23.8  | 35.8  |
| 145       | 30.4  | 25.4  | 38.0  |



#70  
1,2,4-trichlorobenzene  
Concen: 0.908 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 12893 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.2  | 75.7  | 113.5 |
| 145       | 30.2  | 25.6  | 38.4  |

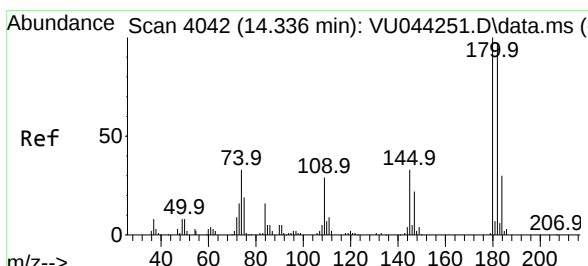
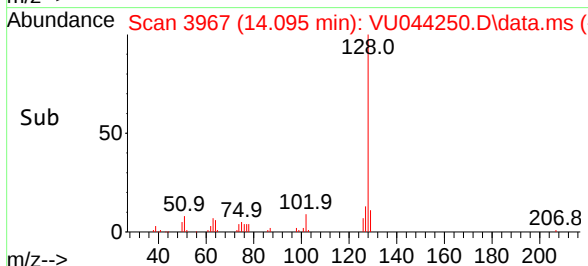
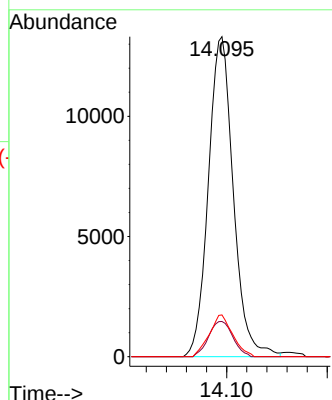
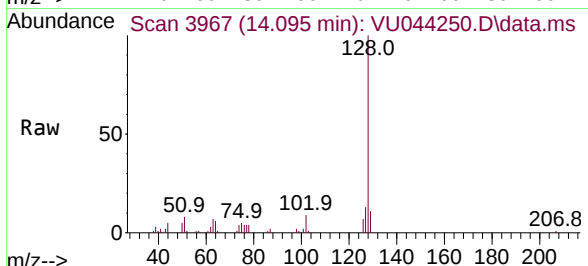




#71  
Naphthalene  
Concen: 0.947 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

Instrument :  
MSVOA\_U  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 22947     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 10.7  | 8.9 13.3  |
| 127         | 12.2  | 10.3 15.5 |



#72  
1,2,3-Trichlorobenzene  
Concen: 0.865 ug/L  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU044250.D  
Acq: 21 Jun 2021 10:33

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 10940      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.7  | 76.4 114.6 |
| 145         | 33.2  | 26.5 39.7  |

