

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU083121\  
 Data File : VU044535.D  
 Acq On : 31 Aug 2021 17:42  
 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 01 00:36:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U083121DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Sep 01 00:35:55 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.121  | 96   | 19488    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.639 | 95   | 6974     | 0.878  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 88.000%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.201 | 152  | 8316     | 1.049  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 105.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 7478     | 1.059  | ug/l     | 99       |
| 3) Chloromethane             | 1.523  | 50   | 8804     | 1.145  | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.607  | 62   | 10086    | 1.254  | ug/l     | 95       |
| 5) Bromomethane              | 1.864  | 94   | 7822     | 1.642  | ug/l     | 90       |
| 6) Chloroethane              | 1.941  | 64   | 8476     | 1.637  | ug/l     | 98       |
| 7) Trichlorofluoromethane    | 2.144  | 101  | 16054    | 1.651  | ug/l     | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 10011    | 1.658  | ug/l     | 98       |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 9500     | 1.636  | ug/l     | 98       |
| 10) Iodomethane              | 2.729  | 142  | 9518     | 1.243  | ug/l     | 97       |
| 11) Allyl Chloride           | 2.932  | 41   | 10829    | 1.247  | ug/l     | 97       |
| 12) Acrylonitrile            | 3.337  | 53   | 2951     | 2.391  | ug/l     | # 61     |
| 13) Acetone                  | 2.642  | 43   | 4040     | 6.685  | ug/l     | 96       |
| 14) Carbon Disulfide         | 2.800  | 76   | 26280    | 1.414  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.054  | 84   | 18636    | 2.334  | ug/l     | 97       |
| 16) trans-1,2-Dichloroethene | 3.359  | 96   | 9983     | 1.550  | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.877  | 63   | 17000    | 1.461  | ug/l     | 98       |
| 18) 2-Butanone               | 4.745  | 43   | 11889    | 9.090  | ug/l     | 97       |
| 19) Cyclohexane              | 5.385  | 56   | 14562    | 1.369  | ug/l     | 95       |
| 20) Methylcyclohexane        | 6.764  | 83   | 8178     | 0.833  | ug/l     | 95       |
| 21) 2,2-Dichloropropane      | 4.671  | 77   | 16435    | 1.704  | ug/l     | 93       |
| 22) cis-1,2-Dichloroethene   | 4.674  | 96   | 11271    | 1.585  | ug/l     | 95       |
| 23) Diethyl Ether            | 2.385  | 59   | 6640     | 1.425  | ug/l     | 94       |
| 24) tert-Butyl Alcohol       | 3.202  | 59   | 3357     | 12.339 | ug/l     | # 77     |
| 25) Methyl tert-Butyl Ether  | 3.382  | 73   | 23318    | 1.497  | ug/l     | 96       |
| 26) Bromochloromethane       | 4.983  | 128  | 5493     | 1.767  | ug/l     | 98       |
| 27) Chloroform               | 5.099  | 83   | 20780    | 1.759  | ug/l     | 97       |
| 28) 1,1,1-Trichloroethane    | 5.321  | 97   | 16711    | 1.673  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.530  | 75   | 7014     | 0.891  | ug/l     | 97       |
| 30) Carbon Tetrachloride     | 5.527  | 117  | 6840     | 0.961  | ug/l     | 91       |
| 31) Isopropyl Ether          | 4.015  | 45   | 24243    | 1.307  | ug/l     | 99       |
| 32) Ethyl-t-butyl ether      | 4.527  | 59   | 26322    | 1.407  | ug/l     | 96       |
| 33) Tert-Amyl methyl ether   | 5.964  | 73   | 12013    | 0.811  | ug/l     | 98       |
| 34) Propionitrile            | 4.806  | 54   | 1887     | 5.038  | ug/l     | # 65     |
| 35) Benzene                  | 5.781  | 78   | 20046    | 0.873  | ug/l     | 96       |
| 36) 1,2-Dichloroethane       | 5.806  | 62   | 6824     | 1.009  | ug/l     | 97       |
| 37) Trichloroethene          | 6.549  | 130  | 5735     | 0.972  | ug/l     | 95       |
| 38) 1,2-Dichloropropane      | 6.806  | 63   | 4853     | 0.802  | ug/l     | 99       |
| 39) Methacrylonitrile        | 4.990  | 41   | 3280     | 1.546  | ug/l     | # 87     |
| 40) Methyl acrylate          | 4.867  | 55   | 5376     | 1.625  | ug/l     | # 83     |
| 41) Tetrahydrofuran          | 5.086  | 42   | 3580     | 3.671  | ug/l     | # 91     |
| 42) 1-Chlorobutane           | 5.462  | 56   | 8836     | 0.802  | ug/l     | 93       |
| 43) Dibromomethane           | 6.928  | 93   | 3053     | 0.985  | ug/l     | 98       |
| 44) Bromodichloromethane     | 7.115  | 83   | 6906     | 0.937  | ug/l     | 95       |

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 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

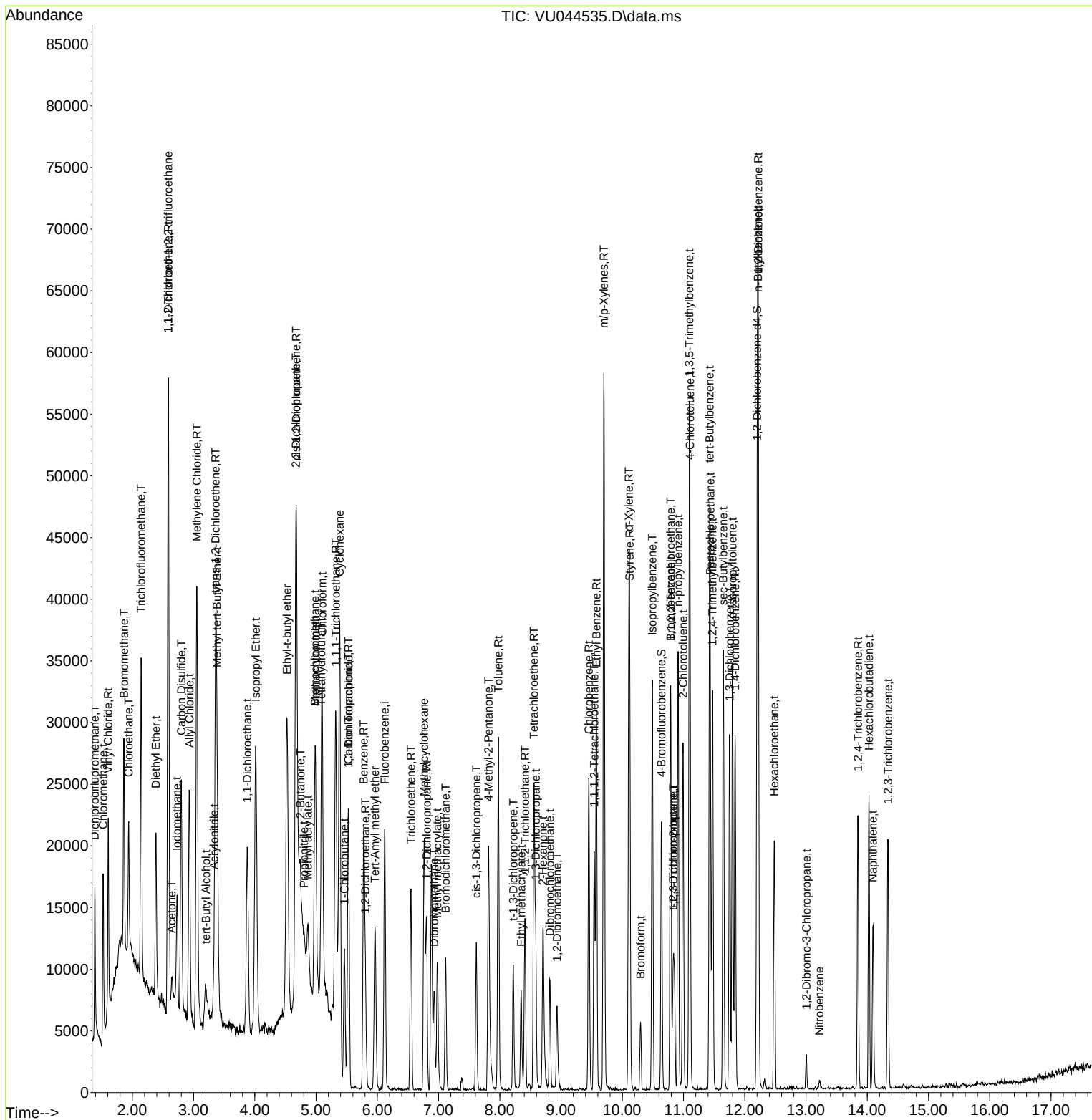
Instrument :  
 MSVOA\_U  
 ClientSampleId :

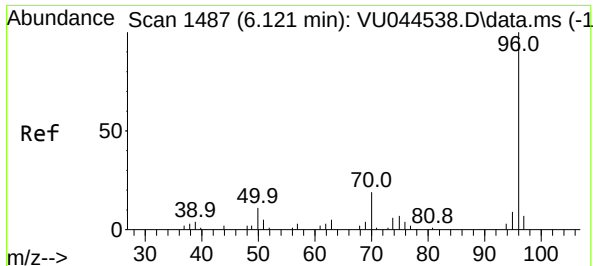
Quant Time: Sep 01 00:36:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U083121DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Sep 01 00:35:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.816  | 43   | 15442    | 3.825 | ug/l   | 93       |
| 46) t-1,4-Dichloro-2-butene   | 10.835 | 75   | 6139     | 3.609 | ug/l # | 49       |
| 47) Methyl methacrylate       | 6.980  | 69   | 4938     | 1.509 | ug/l   | 96       |
| 48) Ethyl methacrylate        | 8.350  | 69   | 4868     | 0.716 | ug/l   | 94       |
| 49) Toluene                   | 7.977  | 92   | 12292    | 0.838 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 5680     | 0.763 | ug/l   | 96       |
| 51) cis-1,3-Dichloropropene   | 7.616  | 75   | 6575     | 0.752 | ug/l   | 95       |
| 52) 1,1,2-Trichloroethane     | 8.411  | 97   | 4349     | 0.950 | ug/l   | 94       |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 7485     | 0.906 | ug/l   | 95       |
| 54) 2-Hexanone                | 8.703  | 43   | 10394    | 3.616 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.819  | 129  | 4756     | 0.951 | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.935  | 107  | 4115     | 0.918 | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.559  | 164  | 5500     | 1.074 | ug/l   | 95       |
| 59) Chlorobenzene             | 9.452  | 112  | 14405    | 0.919 | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 4914     | 0.930 | ug/l   | 94       |
| 61) Pentachloroethane         | 11.436 | 117  | 4029     | 0.947 | ug/l   | 91       |
| 62) Hexachloroethane          | 12.481 | 117  | 3702     | 0.840 | ug/l   | 97       |
| 63) Ethyl Benzene             | 9.578  | 91   | 21846    | 0.786 | ug/l   | 97       |
| 64) m/p-Xylenes               | 9.700  | 106  | 17368    | 1.615 | ug/l   | 99       |
| 65) o-Xylene                  | 10.108 | 106  | 8762     | 0.845 | ug/l   | 95       |
| 66) Styrene                   | 10.121 | 104  | 13617    | 0.761 | ug/l   | 97       |
| 67) Bromoform                 | 10.301 | 173  | 2529     | 0.905 | ug/l # | 94       |
| 69) Isopropylbenzene          | 10.491 | 105  | 21664    | 0.784 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 5913     | 0.981 | ug/l   | 95       |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 6139     | 1.260 | ug/l   | 69       |
| 72) Bromobenzene              | 10.790 | 156  | 5855     | 0.901 | ug/l   | 93       |
| 73) n-propylbenzene           | 10.912 | 120  | 5938     | 0.791 | ug/l   | 92       |
| 74) 2-Chlorotoluene           | 10.993 | 126  | 5862     | 0.903 | ug/l   | 93       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 18199    | 0.770 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 5980     | 0.878 | ug/l   | 96       |
| 77) tert-Butylbenzene         | 11.427 | 119  | 18844    | 0.815 | ug/l   | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 18480    | 0.772 | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.648 | 105  | 24981    | 0.793 | ug/l   | 99       |
| 80) Nitrobenzene              | 13.218 | 77   | 511      | 2.922 | ug/l # | 78       |
| 81) p-Isopropyltoluene        | 11.800 | 119  | 19938    | 0.762 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.755 | 146  | 11886    | 0.917 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.841 | 146  | 11692    | 0.892 | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.214 | 91   | 18486    | 0.728 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.221 | 146  | 11921    | 0.942 | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 625      | 0.606 | ug/l # | 82       |
| 87) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 6931     | 0.793 | ug/l   | 98       |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 4205     | 0.977 | ug/l   | 98       |
| 89) Naphthalene               | 14.092 | 128  | 11838    | 0.682 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 6898     | 0.860 | ug/l   | 97       |

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

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QLast Update : Wed Sep 01 00:35:55 2021  
Response via : Initial Calibration

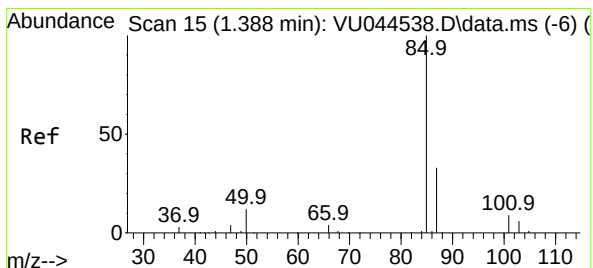
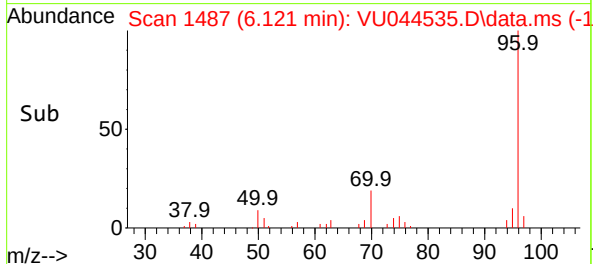
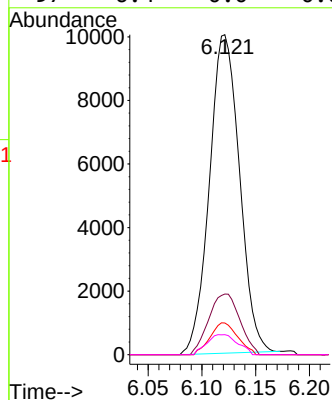
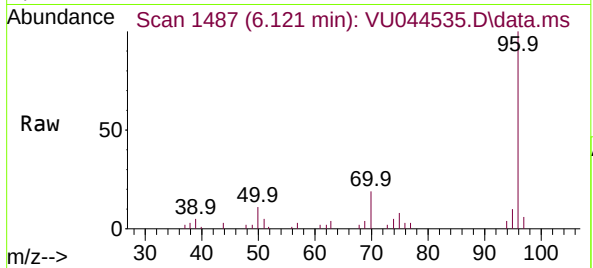




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.121 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

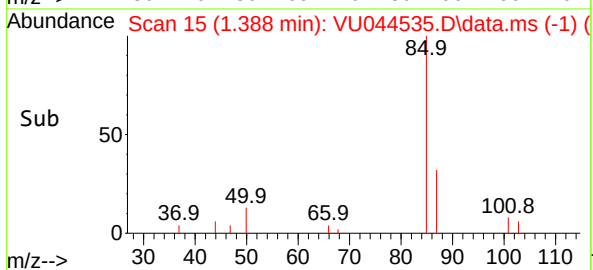
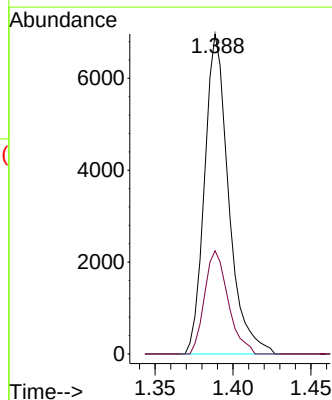
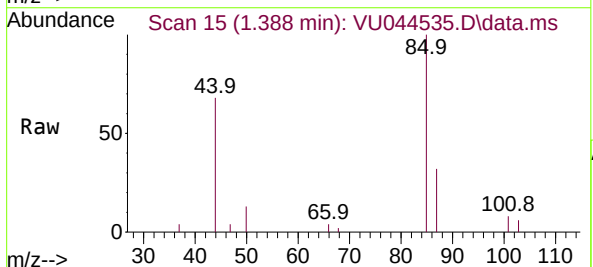
Instrument :  
MSVOA\_U  
ClientSampled :

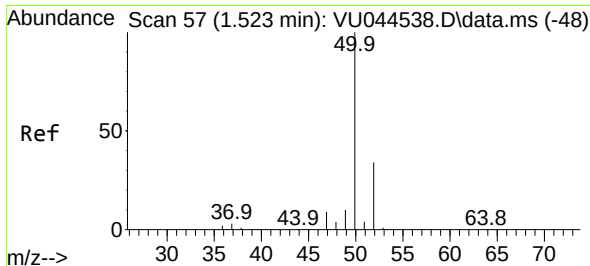
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 19488 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 19.7     | 16.2 24.2   |
| 95 9.1      | 7.0 10.6    |
| 97 6.4      | 0.0 0.0     |



#2  
Dichlorodifluoromethane  
Concen: 1.059 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 7478  |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 32.3     | 16.3 48.9   |

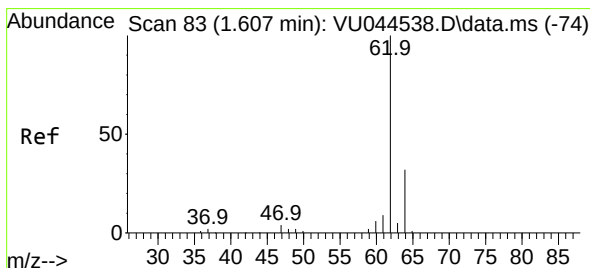
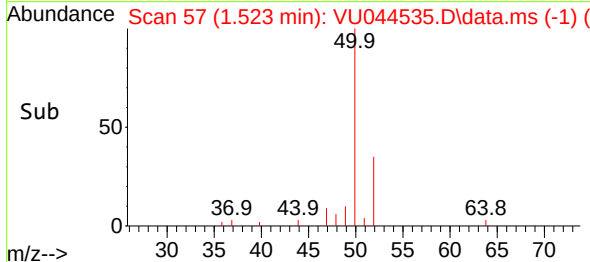
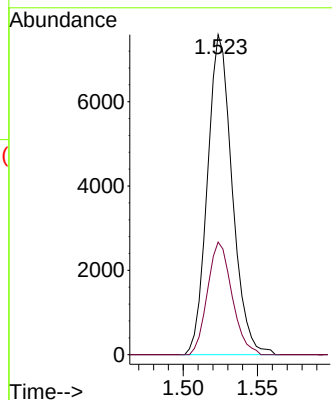
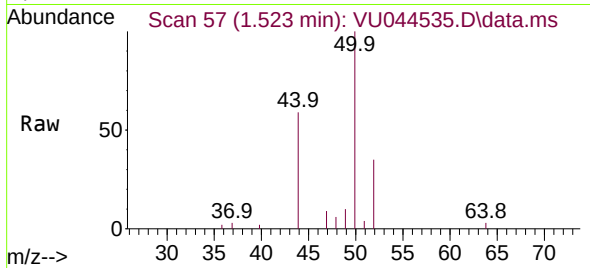




#3  
Chloromethane  
Concen: 1.145 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

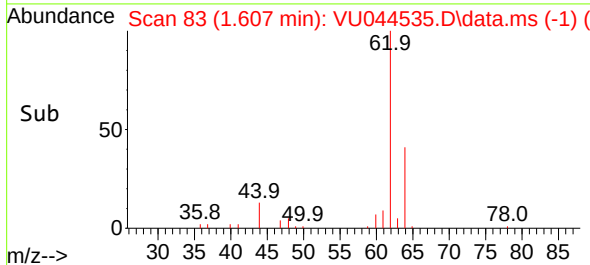
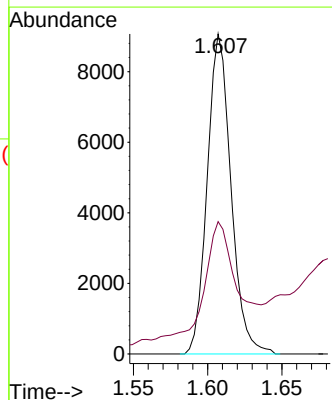
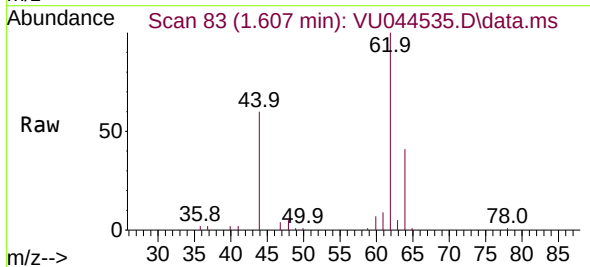
Instrument :  
MSVOA\_U  
ClientSampled :

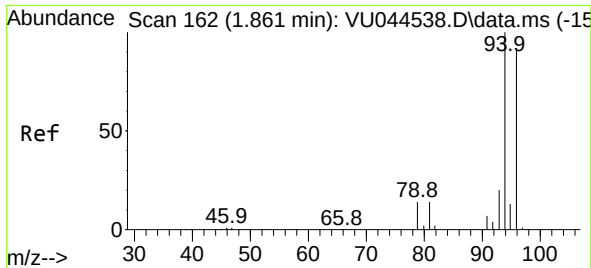
Tgt Ion: 50 Resp: 8804  
Ion Ratio Lower Upper  
50 100  
52 35.2 27.4 41.0



#4  
Vinyl Chloride  
Concen: 1.254 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 62 Resp: 10086  
Ion Ratio Lower Upper  
62 100  
64 34.6 25.3 37.9

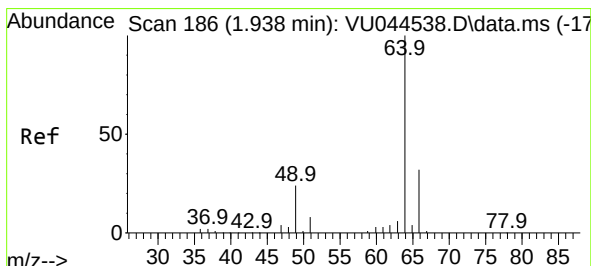
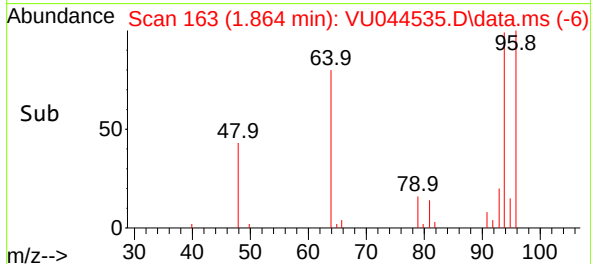
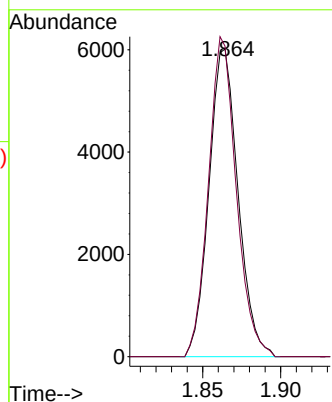
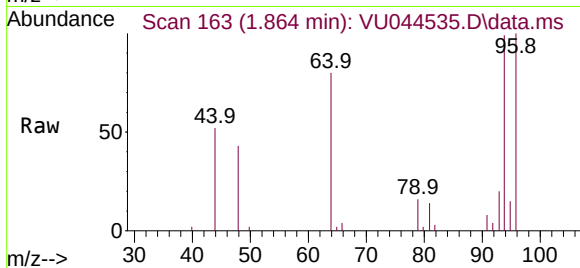




#5  
Bromomethane  
Concen: 1.642 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

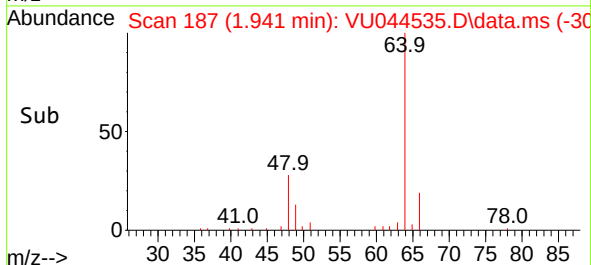
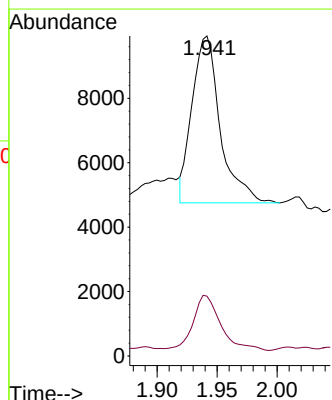
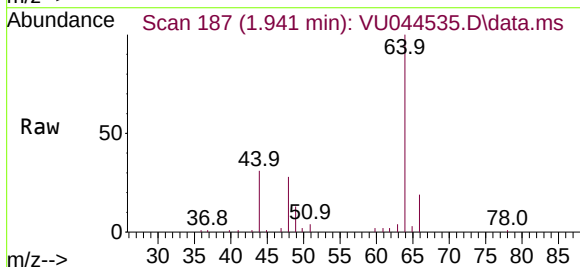
Instrument :  
MSVOA\_U  
ClientSampleId :

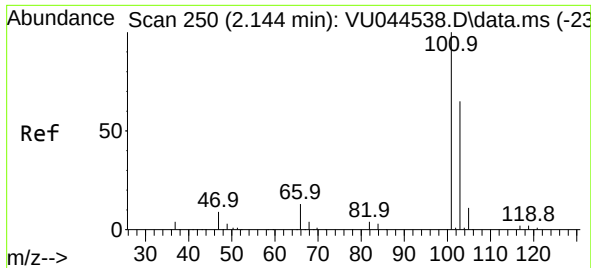
Tgt Ion: 94 Resp: 7822  
Ion Ratio Lower Upper  
94 100  
96 100.9 73.4 110.2



#6  
Chloroethane  
Concen: 1.637 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 64 Resp: 8476  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.7 38.5

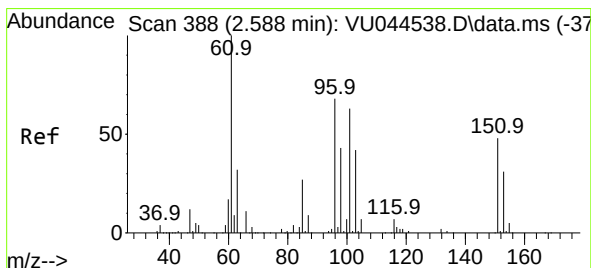
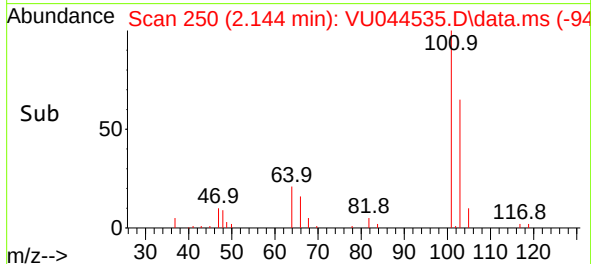
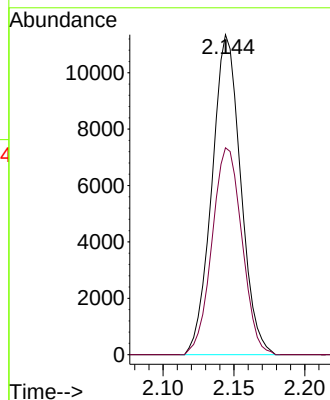
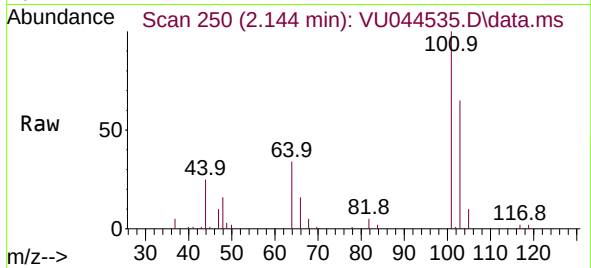




#7  
 Trichlorofluoromethane  
 Concen: 1.651 ug/l  
 RT: 2.144 min Scan# 250  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

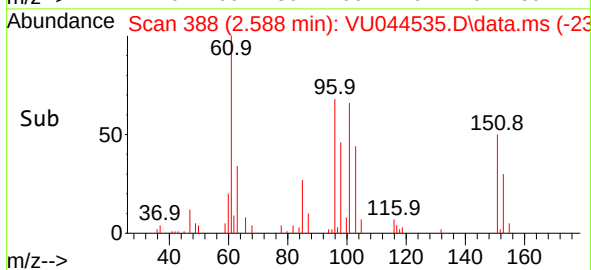
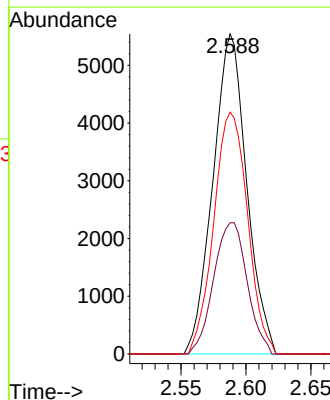
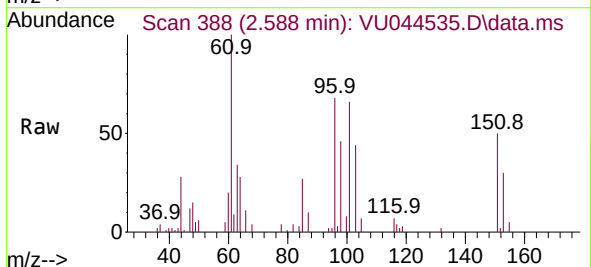
Instrument :  
 MSVOA\_U  
 ClientSampled :

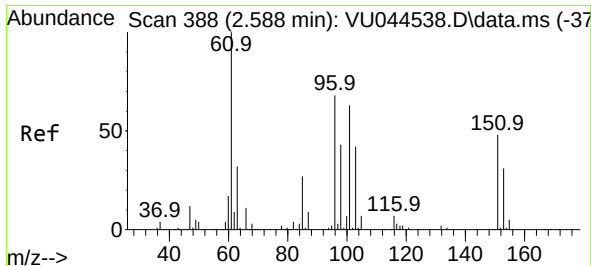
Tgt Ion:101 Resp: 16054  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.8 77.6



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.658 ug/l  
 RT: 2.588 min Scan# 388  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

Tgt Ion:101 Resp: 10011  
 Ion Ratio Lower Upper  
 101 100  
 85 40.8 34.6 52.0  
 151 75.8 61.0 91.4

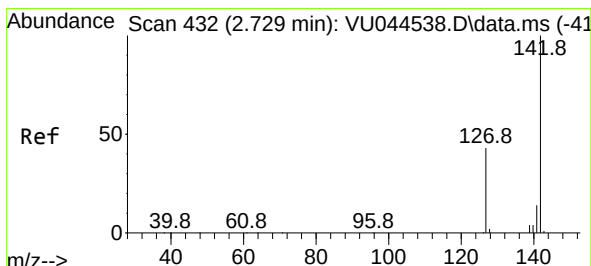
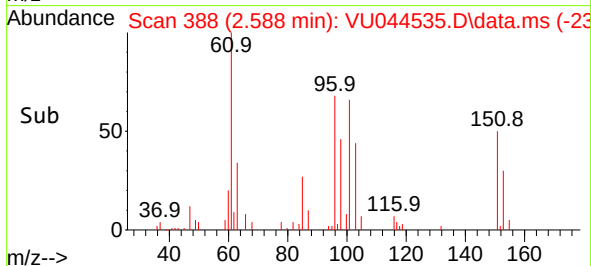
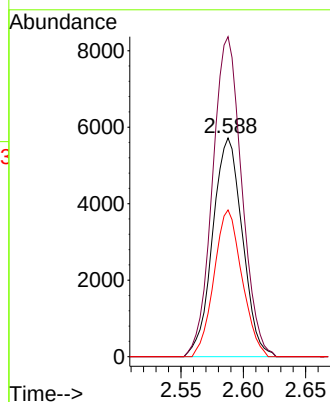
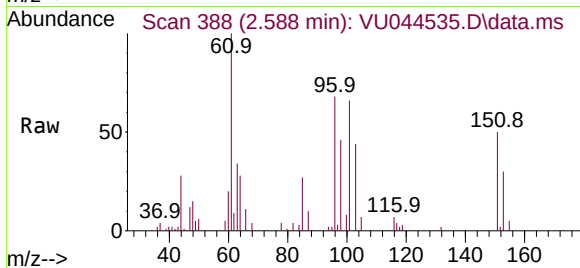




#9  
1,1-Dichloroethene  
Concen: 1.636 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

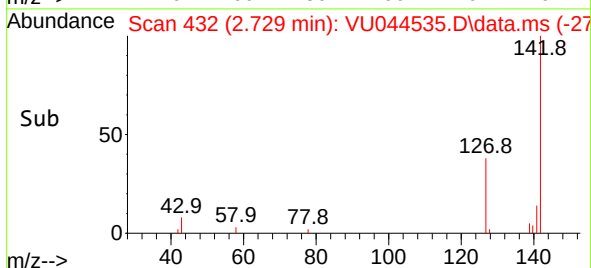
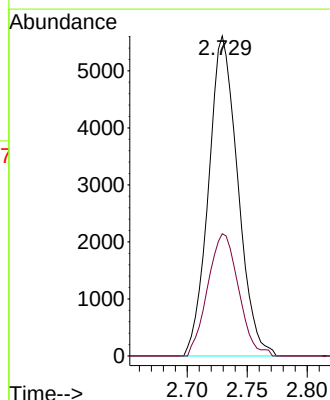
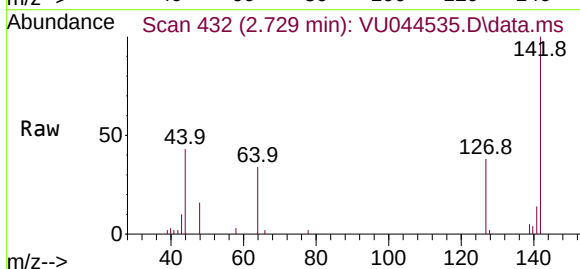
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 96 Resp: 9500  
Ion Ratio Lower Upper  
96 100  
61 146.3 0.0 444.6  
98 67.0 0.0 126.8

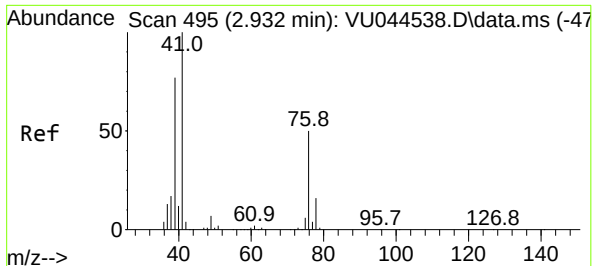


#10  
Iodomethane  
Concen: 1.243 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 142 Resp: 9518  
Ion Ratio Lower Upper  
142 100  
127 40.2 33.6 50.4



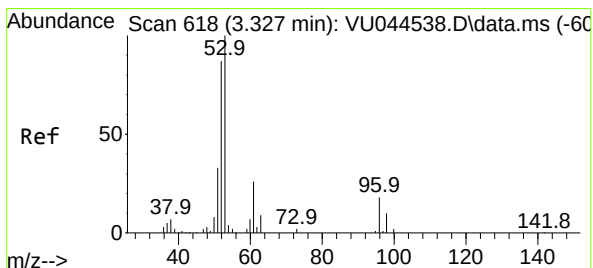
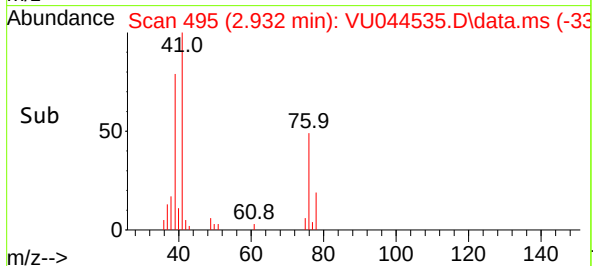
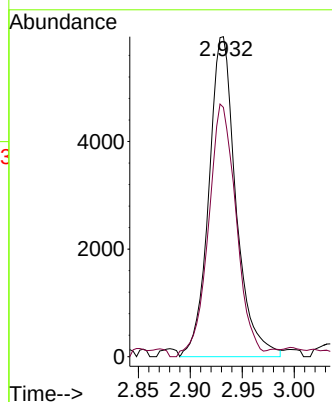
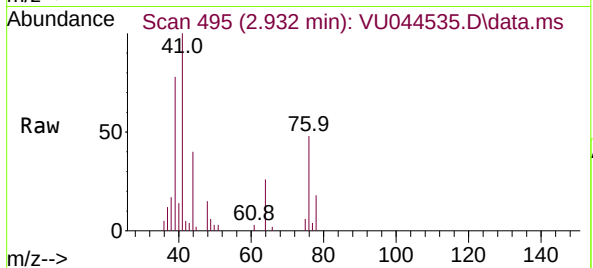




#11  
 Allyl Chloride  
 Concen: 1.247 ug/l  
 RT: 2.932 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

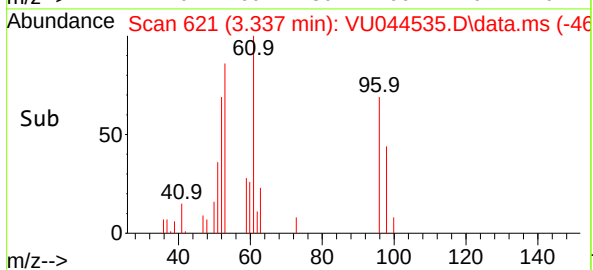
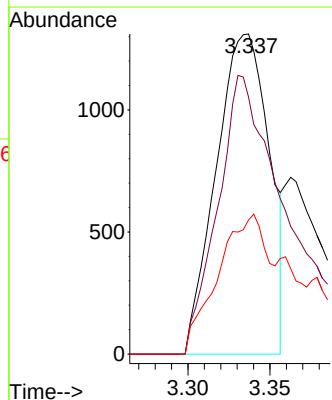
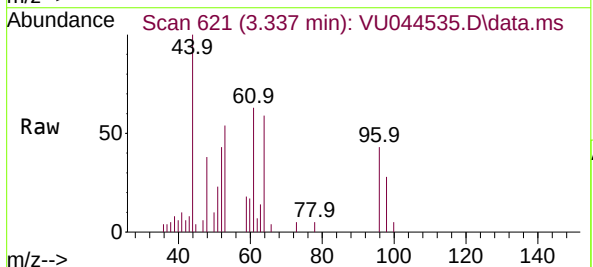
Instrument :  
 MSVOA\_U  
 ClientSampleId :

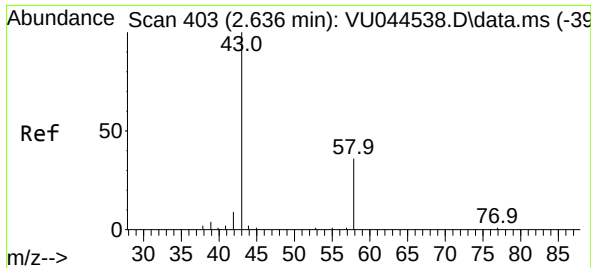
Tgt Ion: 41 Resp: 10829  
 Ion Ratio Lower Upper  
 41 100  
 39 80.3 62.2 93.4



#12  
 Acrylonitrile  
 Concen: 2.391 ug/l  
 RT: 3.337 min Scan# 621  
 Delta R.T. 0.010 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

Tgt Ion: 53 Resp: 2951  
 Ion Ratio Lower Upper  
 53 100  
 52 117.5 58.0 87.0#  
 51 41.6 29.0 43.4

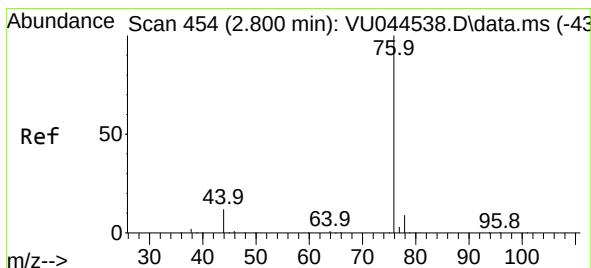
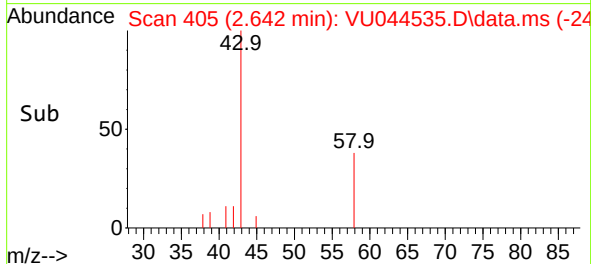
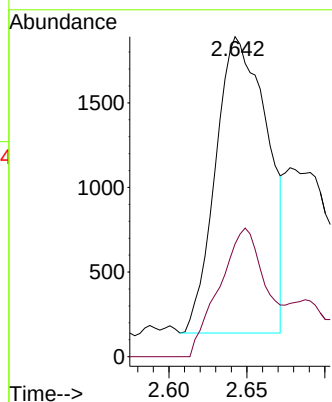
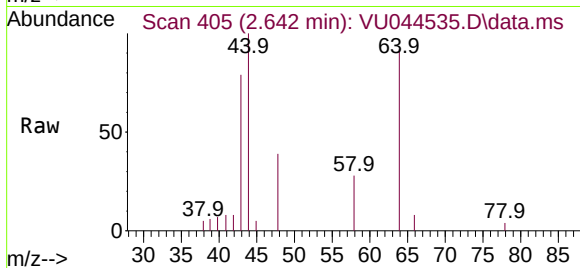




#13  
Acetone  
Concen: 6.685 ug/l  
RT: 2.642 min Scan# 405  
Delta R.T. 0.007 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

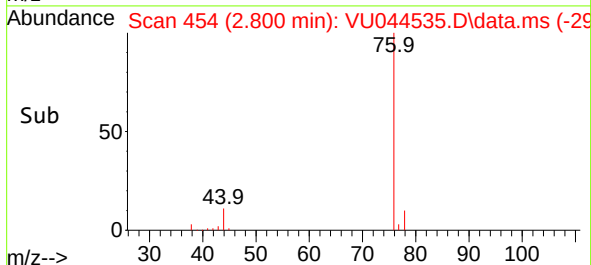
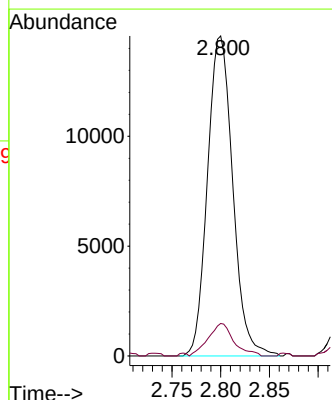
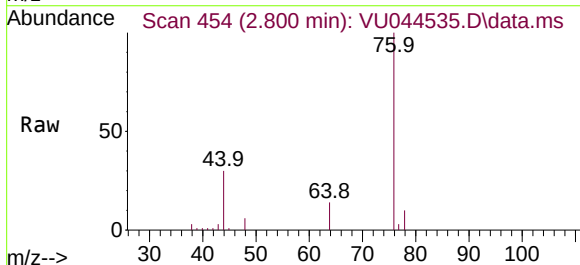
Instrument :  
MSVOA\_U  
ClientSampleId :

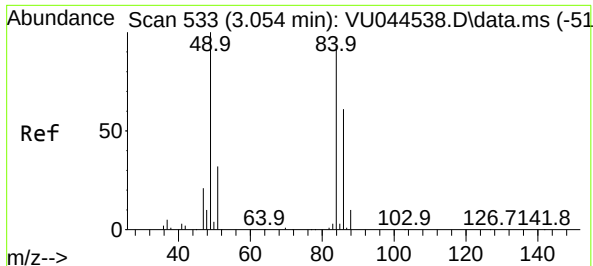
Tgt Ion: 43 Resp: 4040  
Ion Ratio Lower Upper  
43 100  
58 38.0 28.5 42.7



#14  
Carbon Disulfide  
Concen: 1.414 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

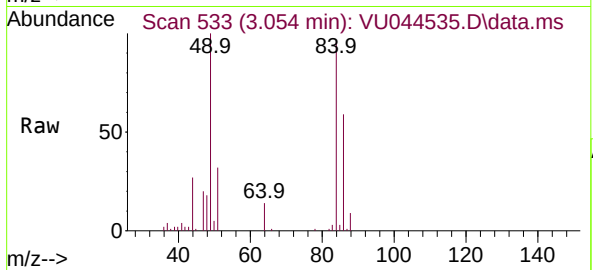
Tgt Ion: 76 Resp: 26280  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.2



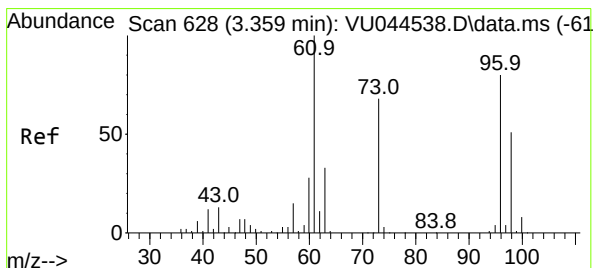
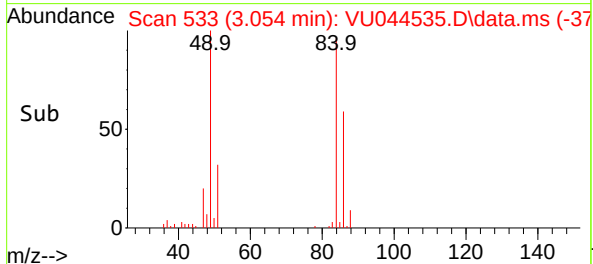
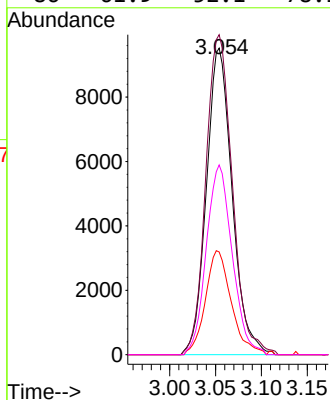


#15  
Methylene Chloride  
Concen: 2.334 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :

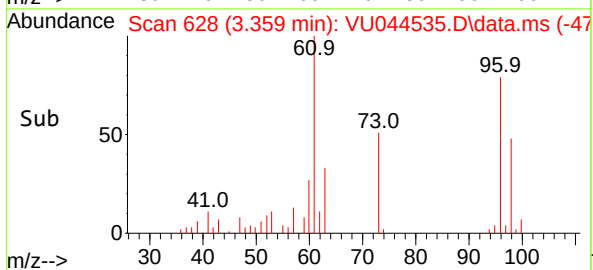
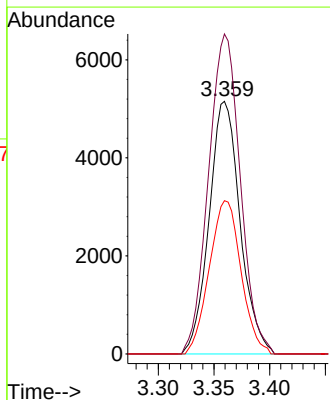
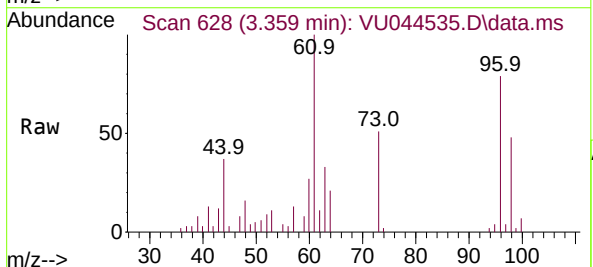


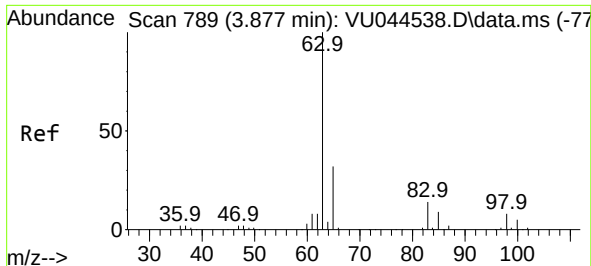
| Tgt Ion:  | 84    | Resp: | 18636 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 84        | 100   |       |       |
| 49        | 104.4 | 85.6  | 128.4 |
| 51        | 33.5  | 0.0   | 67.6  |
| 86        | 61.9  | 52.1  | 78.1  |



#16  
trans-1,2-Dichloroethene  
Concen: 1.550 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

| Tgt Ion:  | 96    | Resp: | 9983  |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 96        | 100   |       |       |
| 61        | 126.6 | 99.9  | 149.9 |
| 98        | 60.7  | 50.5  | 75.7  |

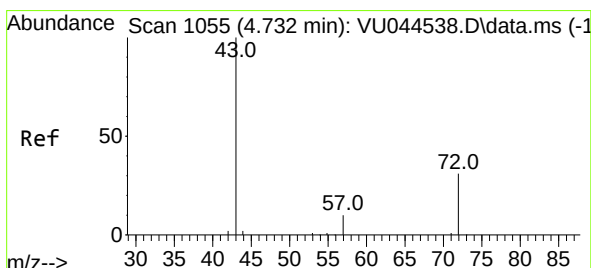
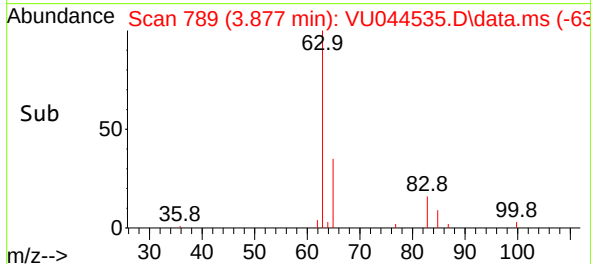
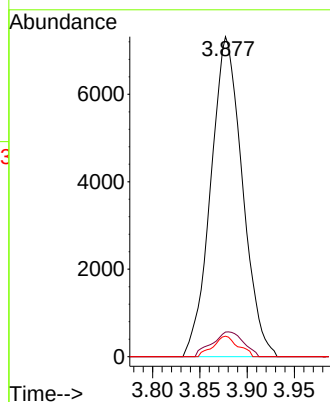
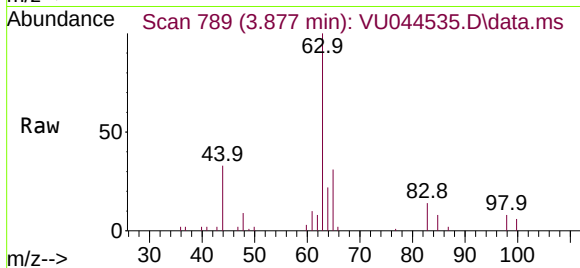




#17  
1,1-Dichloroethane  
Concen: 1.461 ug/l  
RT: 3.877 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

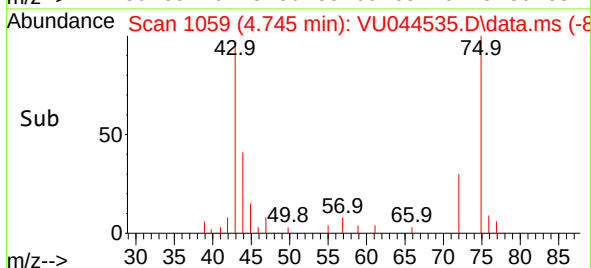
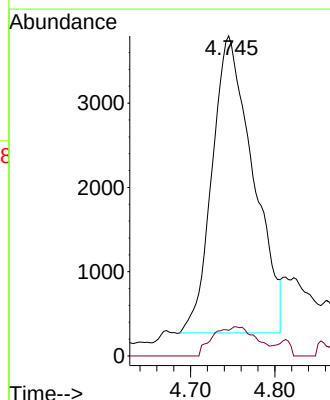
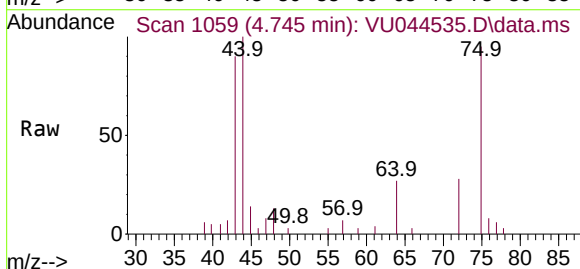
Instrument :  
MSVOA\_U  
ClientSampleId :

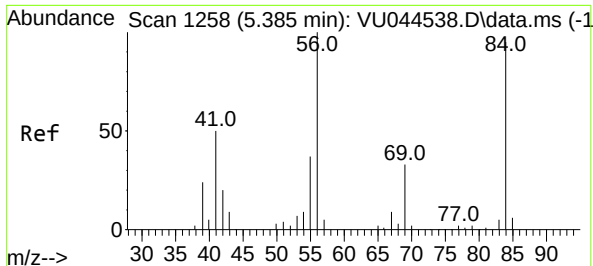
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 17000 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.7   | 4.0   | 12.0  |
| 100       | 6.4   | 2.4   | 7.2   |



#18  
2-Butanone  
Concen: 9.090 ug/l  
RT: 4.745 min Scan# 1059  
Delta R.T. 0.013 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 11889 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 8.6   | 0.0   | 19.2  |





#19

Cyclohexane

Concen: 1.369 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 56 Resp: 14562

Ion Ratio Lower Upper

56 100

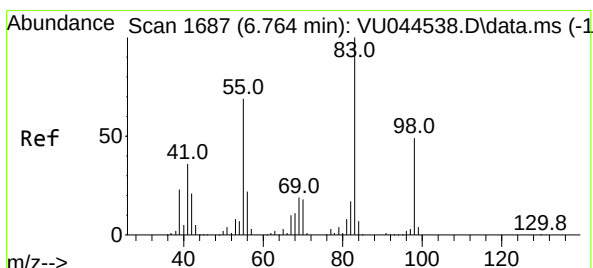
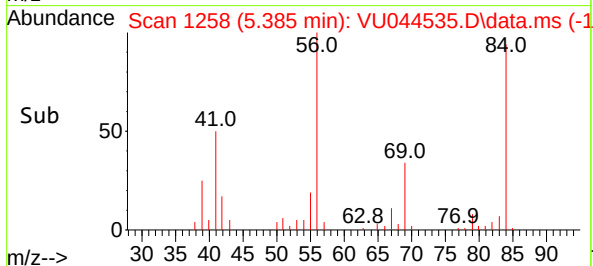
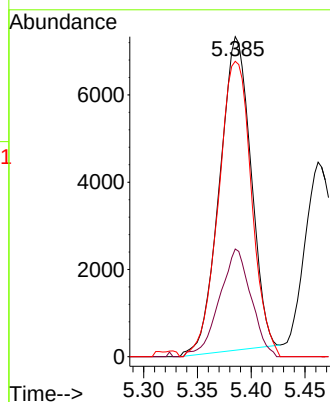
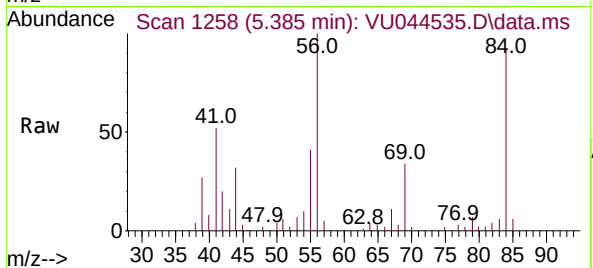
69 34.6 26.1 39.1

84 99.6 75.0 112.6

Instrument :

MSVOA\_U

ClientSampled :



#20

Methylcyclohexane

Concen: 0.833 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

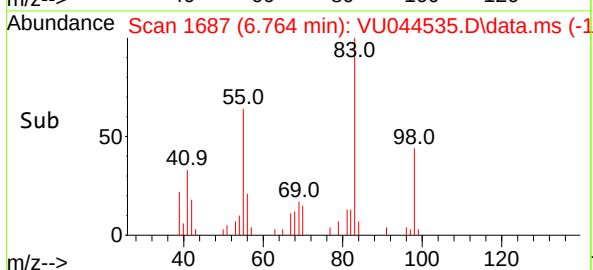
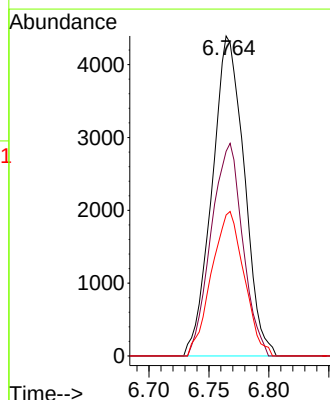
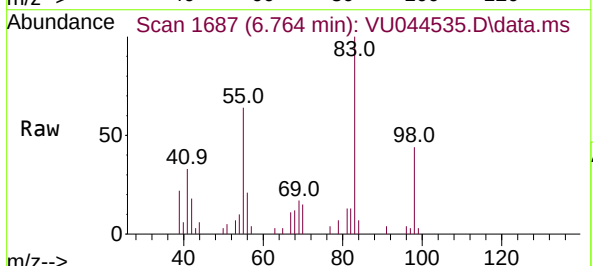
Tgt Ion: 83 Resp: 8178

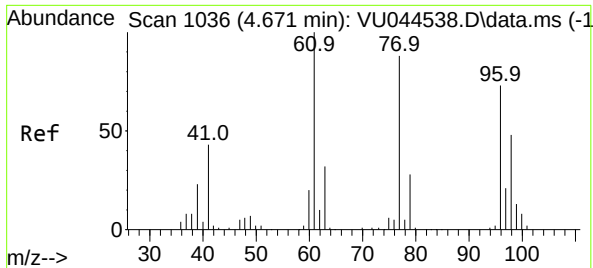
Ion Ratio Lower Upper

83 100

55 65.3 54.8 82.2

98 45.9 40.2 60.4

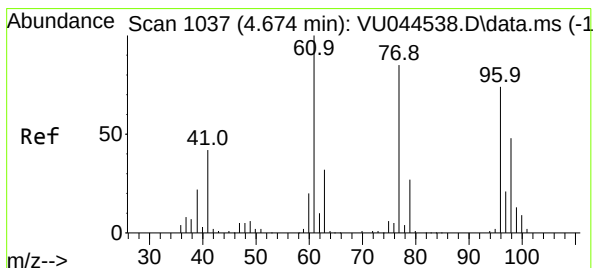
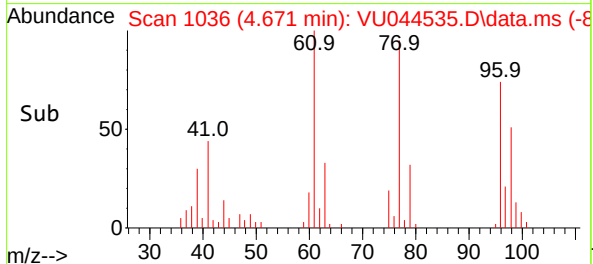
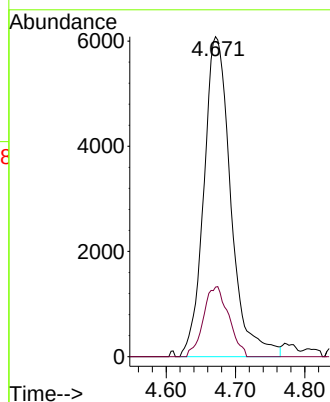
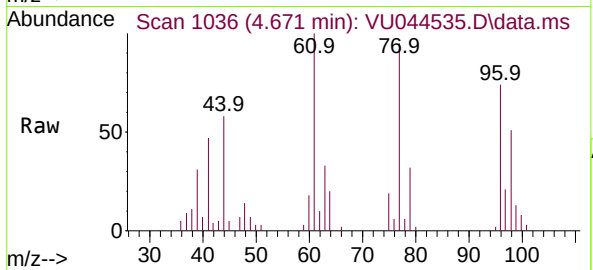




#21  
2,2-Dichloropropane  
Concen: 1.704 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

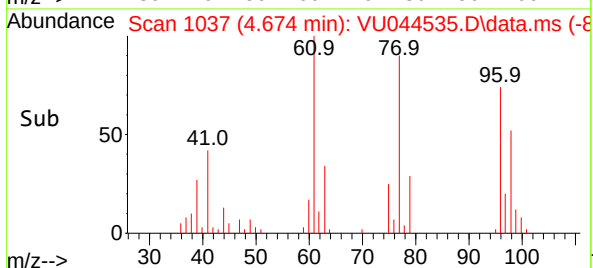
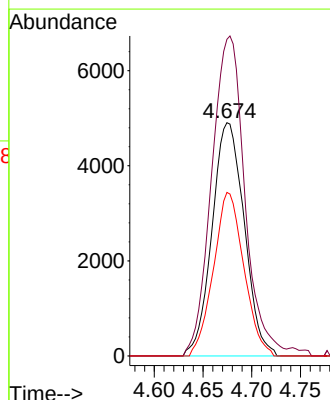
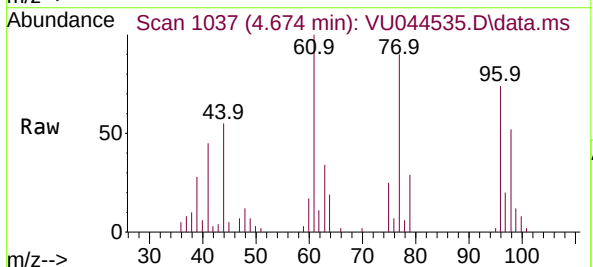
Instrument :  
MSVOA\_U  
ClientSampleId :

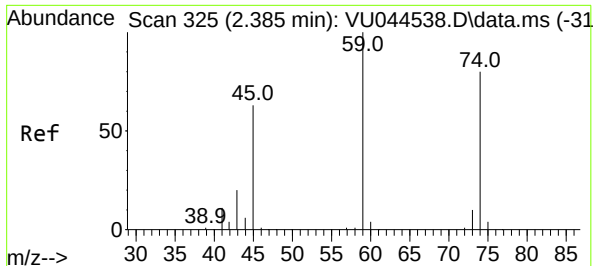
Tgt Ion: 77 Resp: 16435  
Ion Ratio Lower Upper  
77 100  
97 20.5 19.0 28.6



#22  
cis-1,2-Dichloroethene  
Concen: 1.585 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 96 Resp: 11271  
Ion Ratio Lower Upper  
96 100  
61 141.3 0.0 334.5  
98 66.1 32.0 96.2





#23

Diethyl Ether

Concen: 1.425 ug/l

RT: 2.385 min Scan# 325

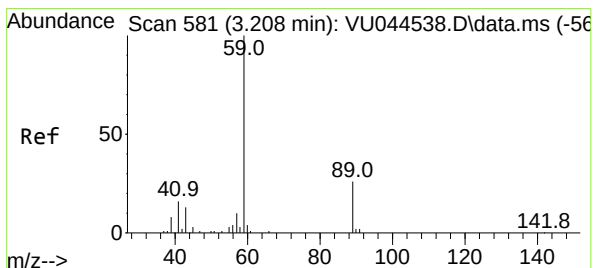
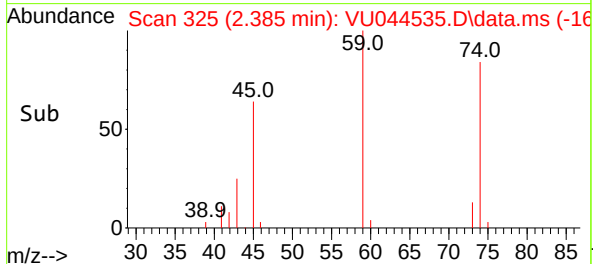
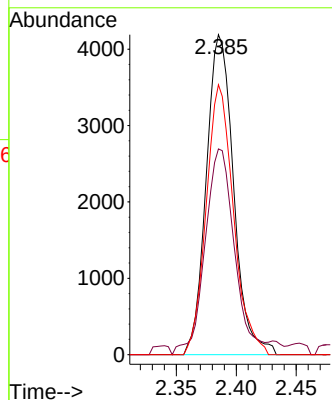
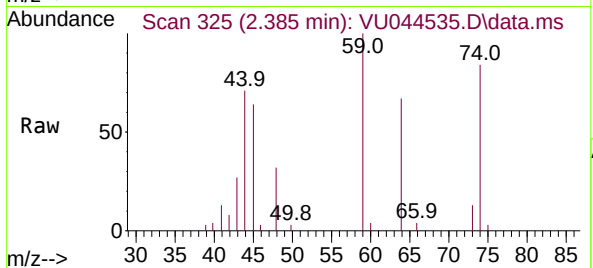
Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

|             |            |       |      |
|-------------|------------|-------|------|
| Tgt Ion: 59 | Resp: 6640 |       |      |
| Ion Ratio   | Lower      | Upper |      |
| 59          | 100        |       |      |
| 45          | 69.0       | 50.6  | 76.0 |
| 74          | 84.3       | 63.8  | 95.8 |

Instrument :  
MSVOA\_U  
ClientSampled :



#24

tert-Butyl Alcohol

Concen: 12.339 ug/l

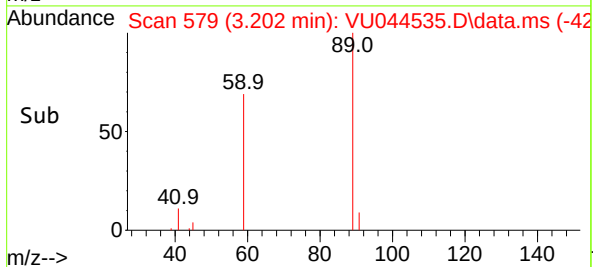
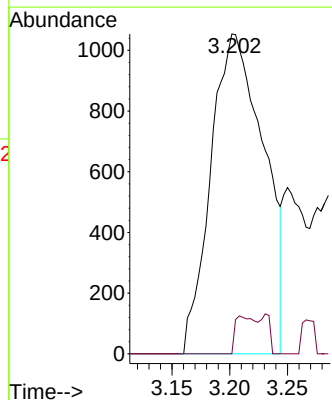
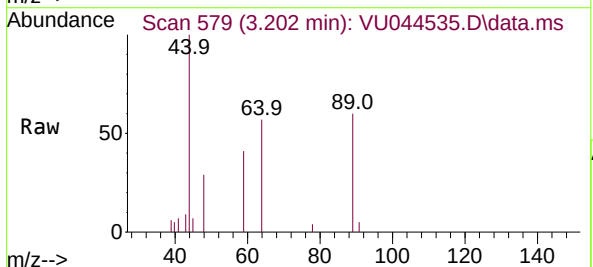
RT: 3.202 min Scan# 579

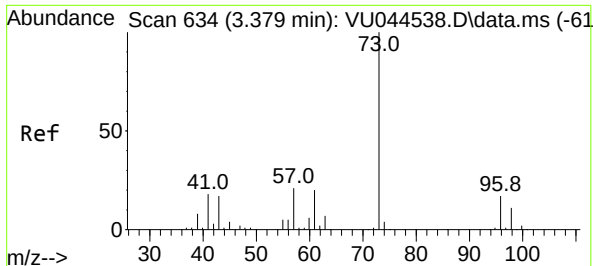
Delta R.T. -0.006 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

|             |             |
|-------------|-------------|
| Tgt Ion: 59 | Resp: 3357  |
| Ion Ratio   | Lower Upper |
| 59 100      |             |
| 57 0.0      | 6.6 9.8#    |



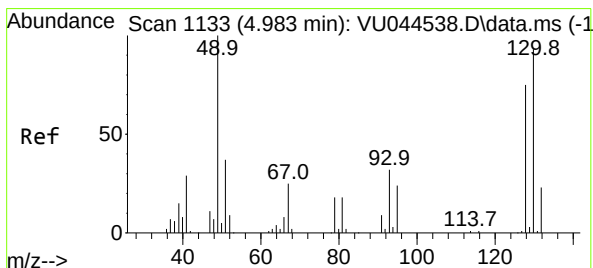
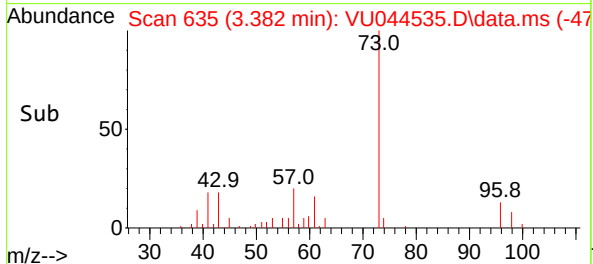
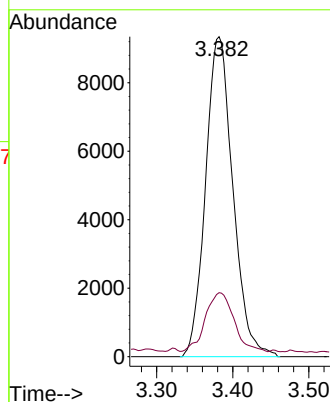
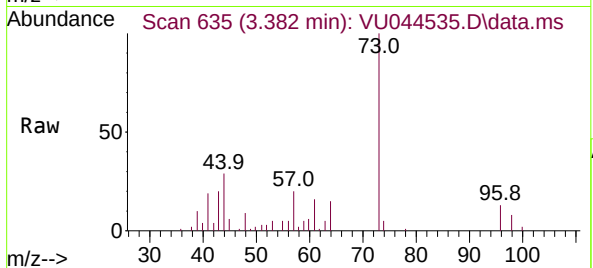


#25

Methyl tert-Butyl Ether  
 Concen: 1.497 ug/l  
 RT: 3.382 min Scan# 635  
 Delta R.T. 0.003 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :

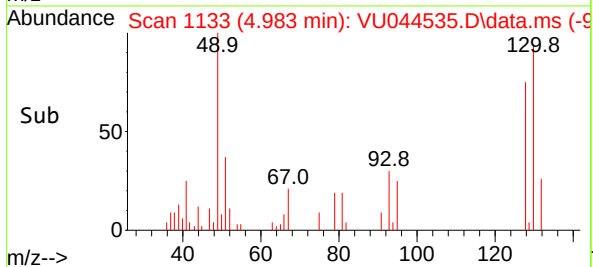
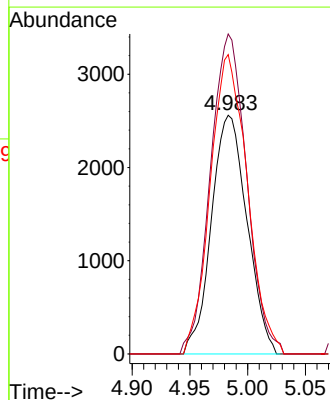
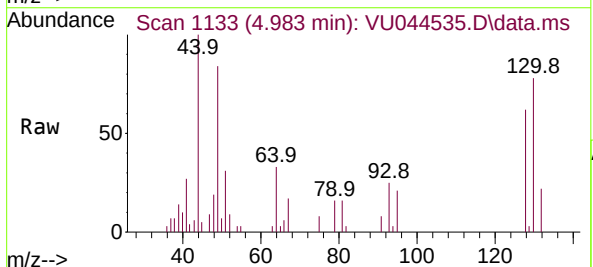
Tgt Ion: 73 Resp: 23318  
 Ion Ratio Lower Upper  
 73 100  
 43 19.3 14.1 21.1



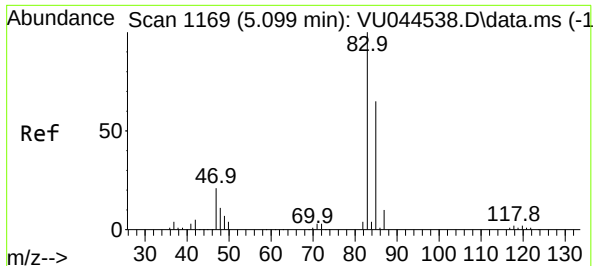
#26

Bromochloromethane  
 Concen: 1.767 ug/l  
 RT: 4.983 min Scan# 1133  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

Tgt Ion: 128 Resp: 5493  
 Ion Ratio Lower Upper  
 128 100  
 49 136.5 0.0 272.2  
 130 130.3 101.2 151.8







#27

Chloroform

Concen: 1.759 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 83 Resp: 20780

Ion Ratio Lower Upper

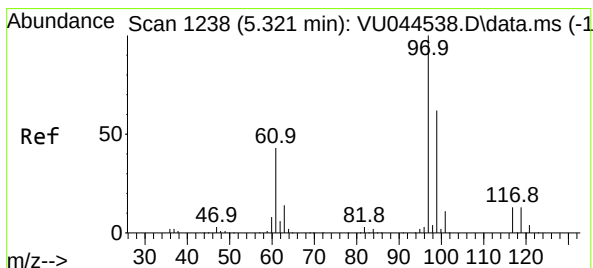
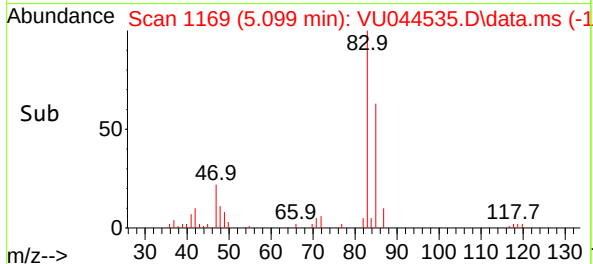
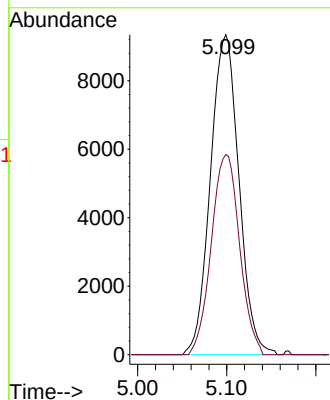
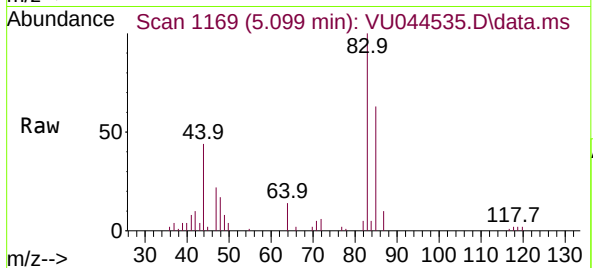
83 100

85 62.5 0.0 129.8

Instrument :

MSVOA\_U

ClientSampled :



#28

1,1,1-Trichloroethane

Concen: 1.673 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

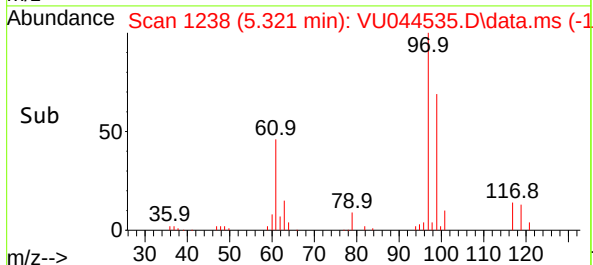
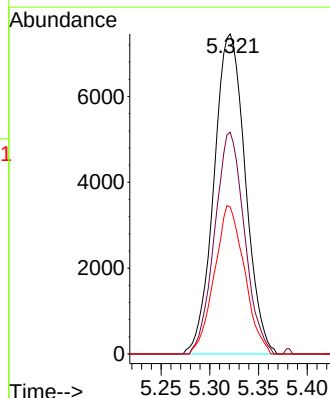
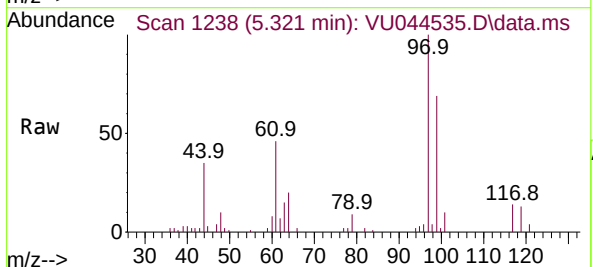
Tgt Ion: 97 Resp: 16711

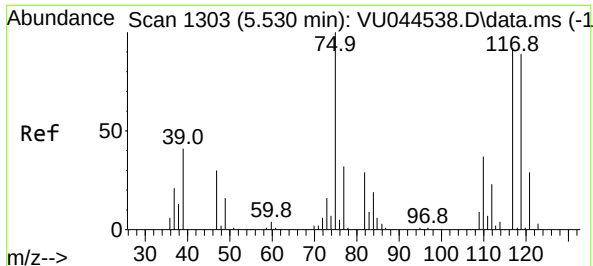
Ion Ratio Lower Upper

97 100

99 65.8 32.0 96.2

61 44.3 21.6 64.6





#29

1,1-Dichloropropene

Concen: 0.891 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

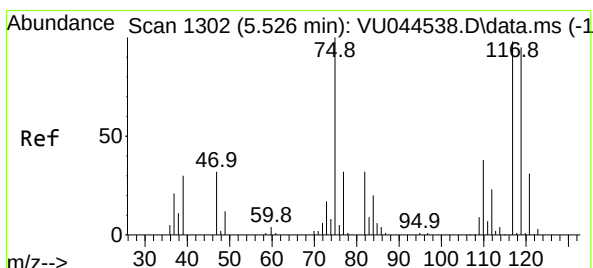
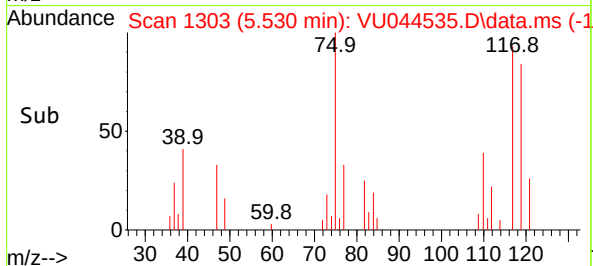
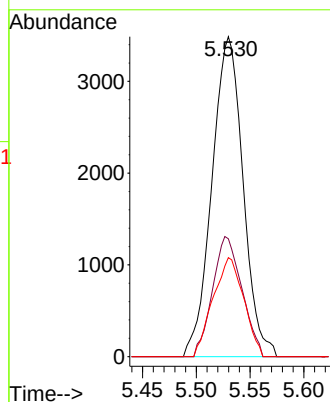
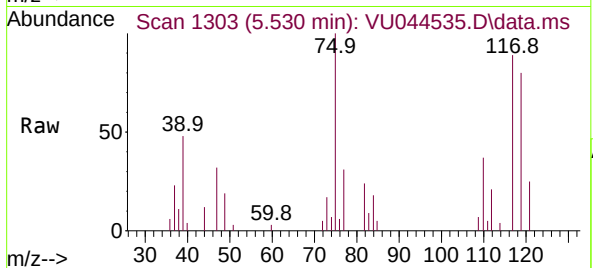
Tgt Ion: 75 Resp: 7014

Ion Ratio Lower Upper

75 100

110 35.3 18.6 55.8

77 30.5 25.9 38.9



#30

Carbon Tetrachloride

Concen: 0.961 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

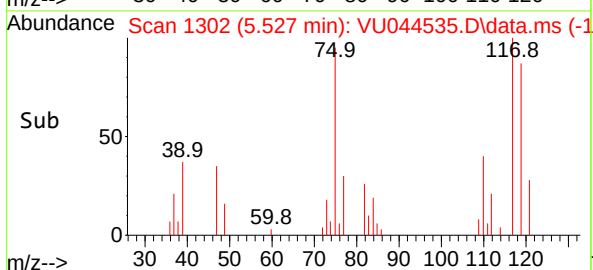
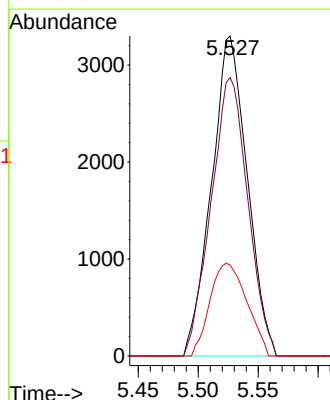
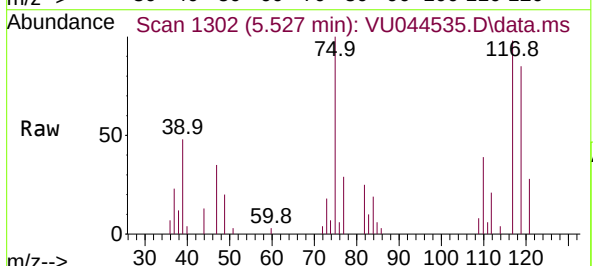
Tgt Ion: 117 Resp: 6840

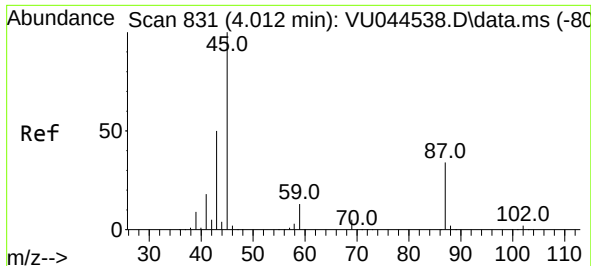
Ion Ratio Lower Upper

117 100

119 87.0 77.2 115.8

121 28.4 25.2 37.8

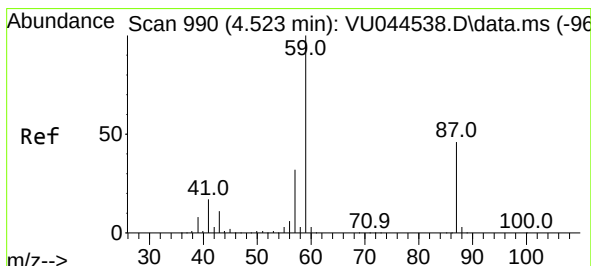
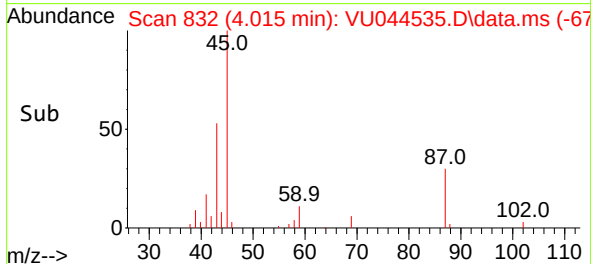
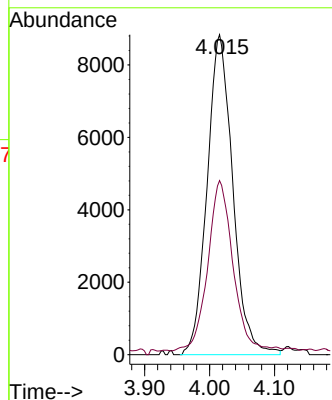
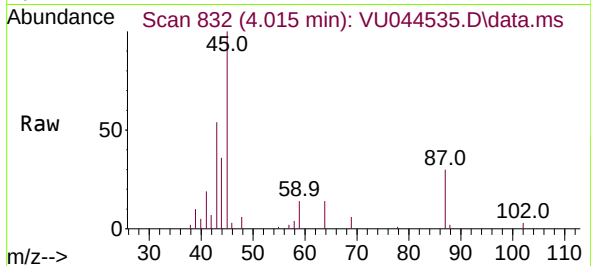




#31  
Isopropyl Ether  
Concen: 1.307 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

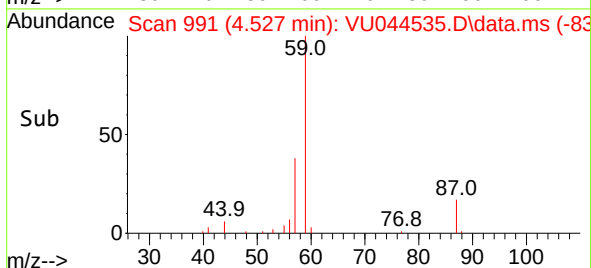
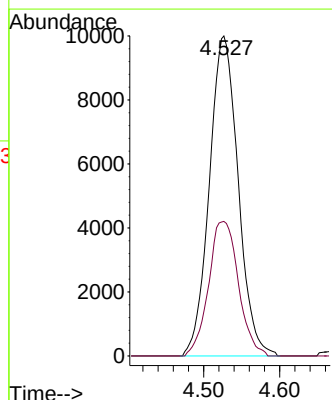
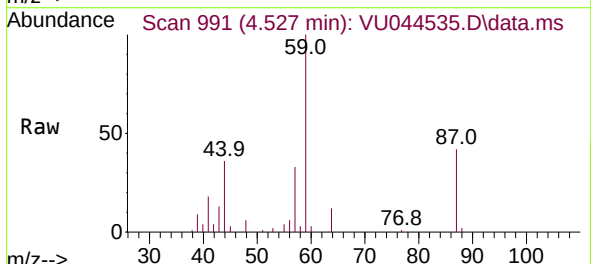
Instrument :  
MSVOA\_U  
ClientSampled :

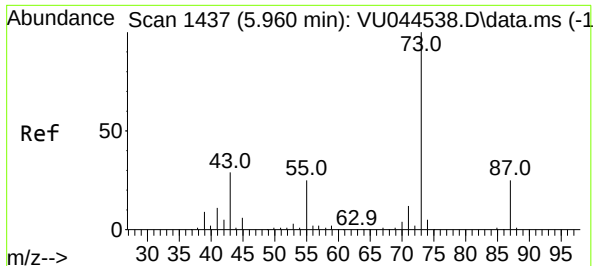
Tgt Ion: 45 Resp: 24243  
Ion Ratio Lower Upper  
45 100  
43 51.8 25.4 76.4



#32  
Ethyl-t-butyl ether  
Concen: 1.407 ug/l  
RT: 4.527 min Scan# 991  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 59 Resp: 26322  
Ion Ratio Lower Upper  
59 100  
87 43.5 37.0 55.4

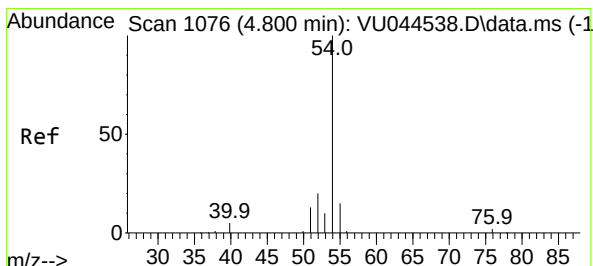
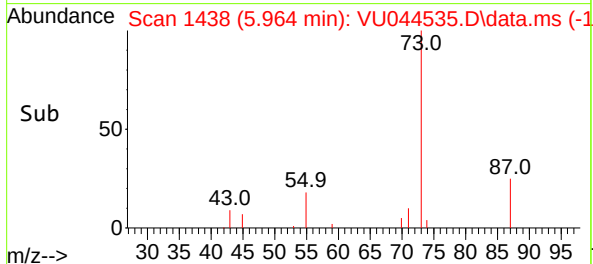
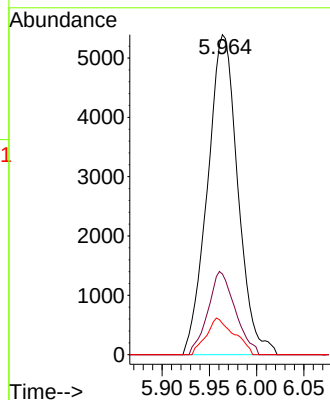
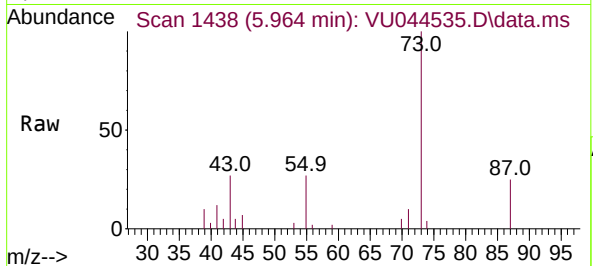




#33  
Tert-Amyl methyl ether  
Concen: 0.811 ug/l  
RT: 5.964 min Scan# 1438  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

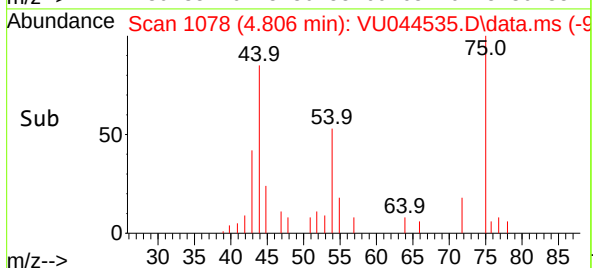
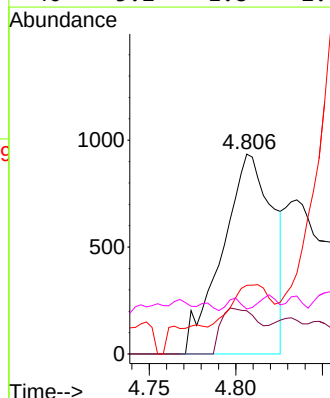
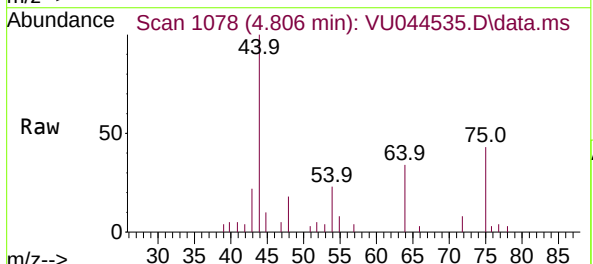
Instrument :  
MSVOA\_U  
ClientSampled :

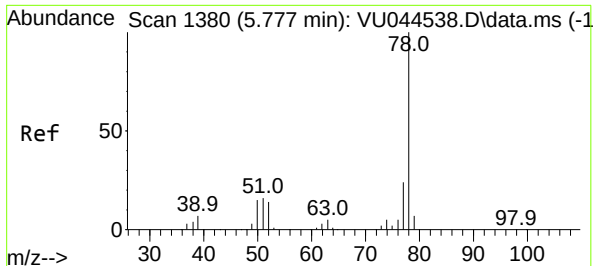
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 12013 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 23.5     | 19.6 29.4   |
| 71 10.5     | 9.1 13.7    |



#34  
Propionitrile  
Concen: 5.038 ug/l  
RT: 4.806 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 1887  |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 0.0      | 14.5 21.7#  |
| 55 22.9     | 8.9 13.3#   |
| 40 5.2      | 1.8 2.8#    |

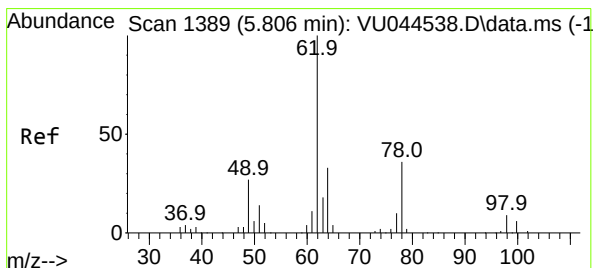
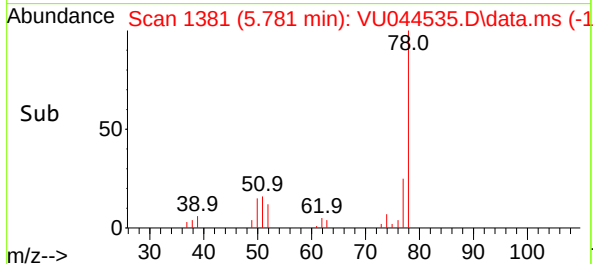
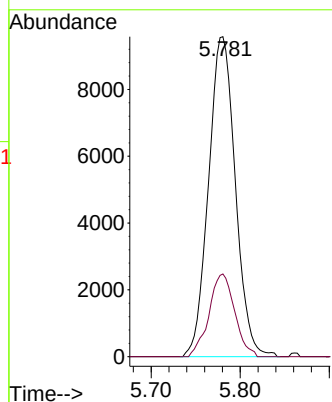
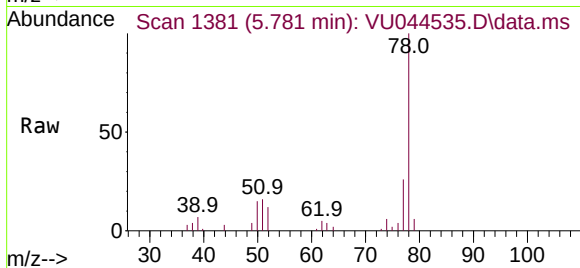




#35  
Benzene  
Concen: 0.873 ug/l  
RT: 5.781 min Scan# 1381  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

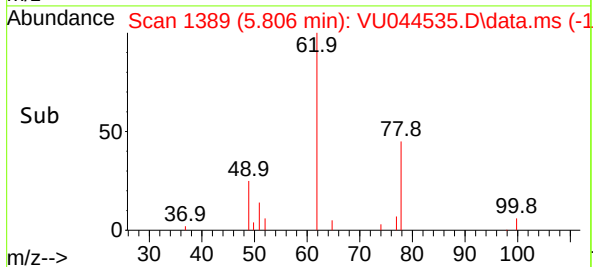
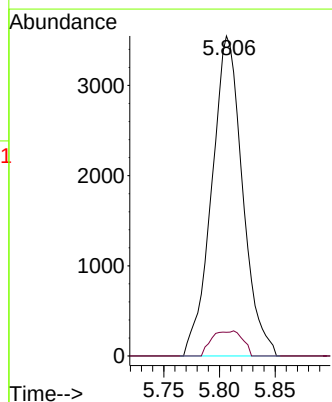
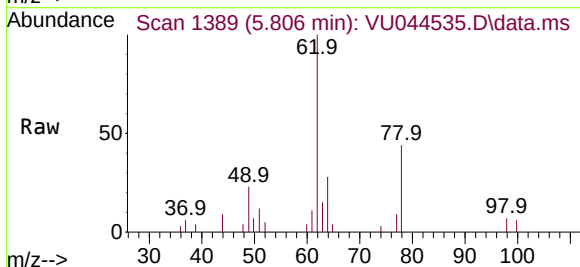
Instrument :  
MSVOA\_U  
ClientSampled :

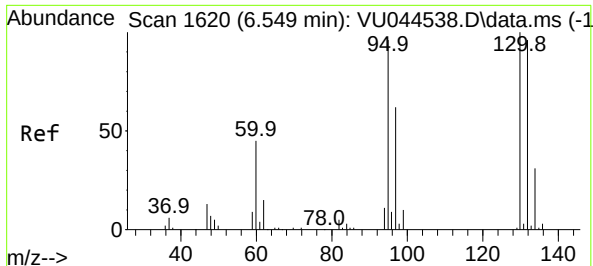
Tgt Ion: 78 Resp: 20046  
Ion Ratio Lower Upper  
78 100  
77 25.9 19.1 28.7



#36  
1,2-Dichloroethane  
Concen: 1.009 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 62 Resp: 6824  
Ion Ratio Lower Upper  
62 100  
98 7.8 7.0 10.6

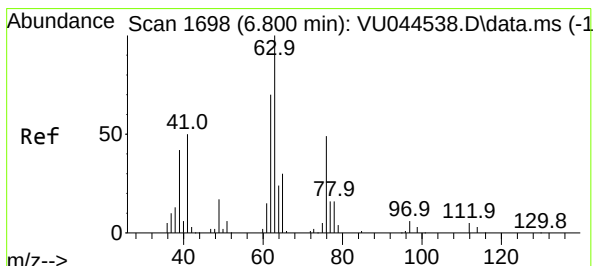
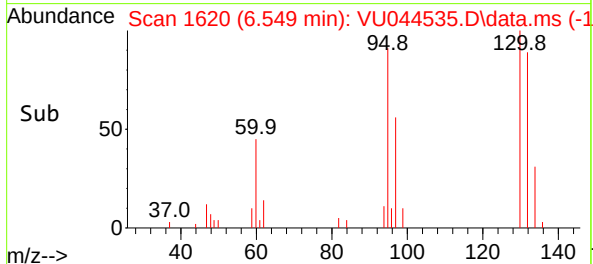
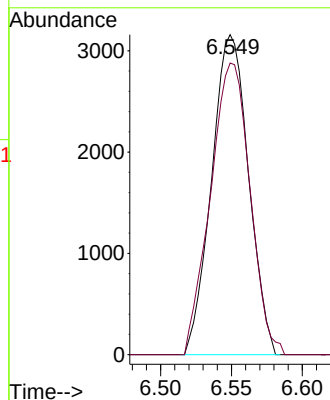
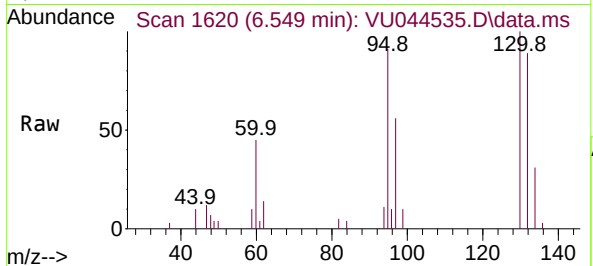




#37  
Trichloroethene  
Concen: 0.972 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

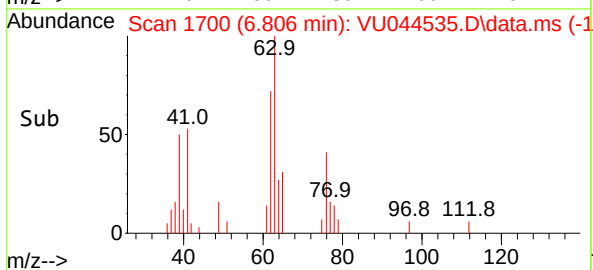
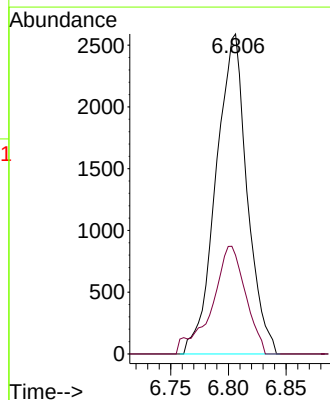
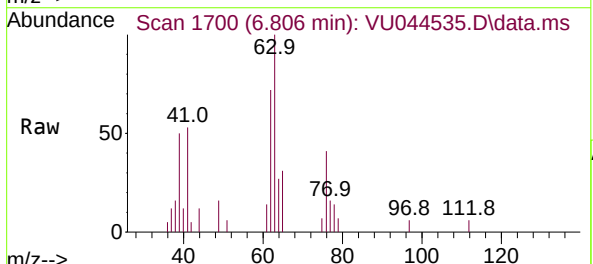
Instrument :  
MSVOA\_U  
ClientSampled :

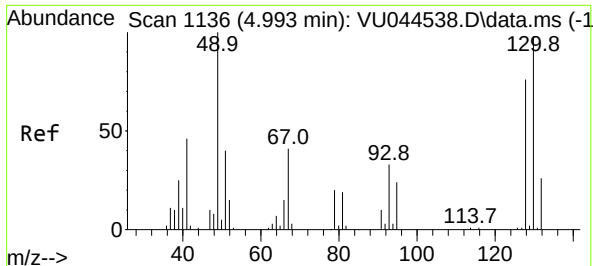
Tgt Ion:130 Resp: 5735  
Ion Ratio Lower Upper  
130 100  
95 91.1 76.9 115.3



#38  
1,2-Dichloropropane  
Concen: 0.802 ug/l  
RT: 6.806 min Scan# 1700  
Delta R.T. 0.006 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 63 Resp: 4853  
Ion Ratio Lower Upper  
63 100  
65 30.8 24.3 36.5





#39

Methacrylonitrile

Concen: 1.546 ug/l

RT: 4.990 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 41 Resp: 3280

Ion Ratio Lower Upper

41 100

67 86.0 72.1 108.1

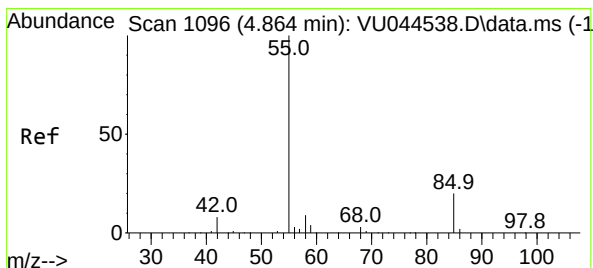
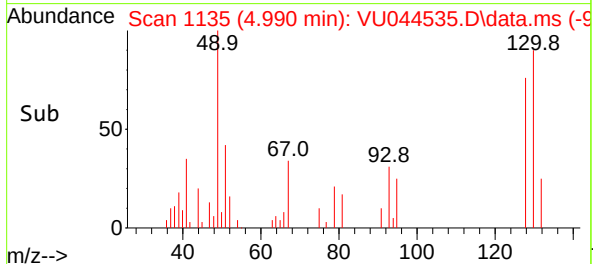
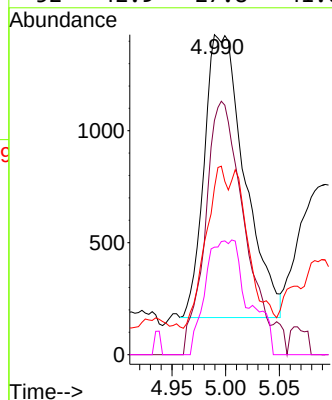
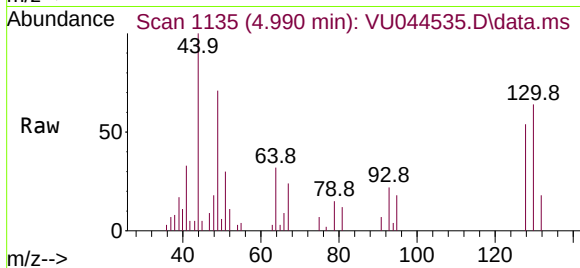
39 31.4 40.3 60.5#

52 42.9 27.8 41.6#

Instrument :

MSVOA\_U

ClientSampleId :



#40

Methyl acrylate

Concen: 1.625 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.003 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 55 Resp: 5376

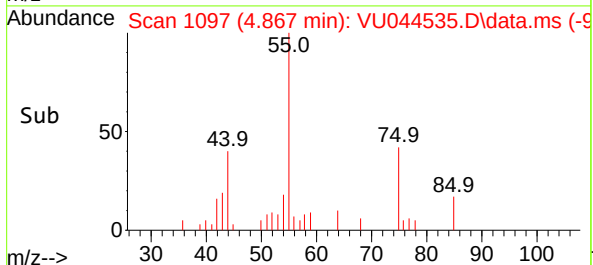
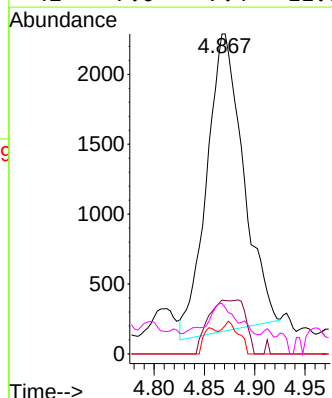
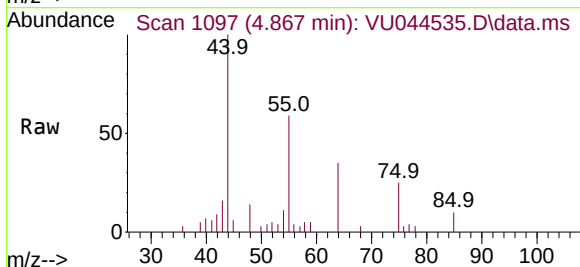
Ion Ratio Lower Upper

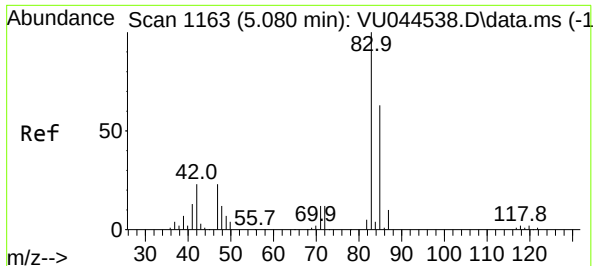
55 100

85 10.5 17.4 26.0#

58 4.9 8.3 12.5#

42 7.0 7.4 11.0#





#41

Tetrahydrofuran

Concen: 3.671 ug/l

RT: 5.086 min Scan# 1165

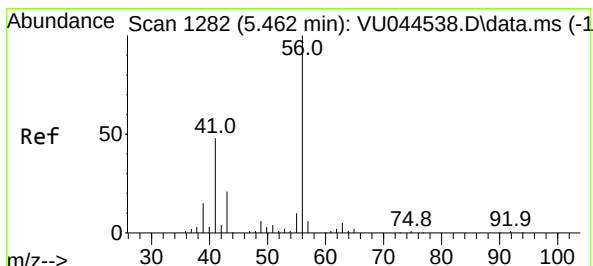
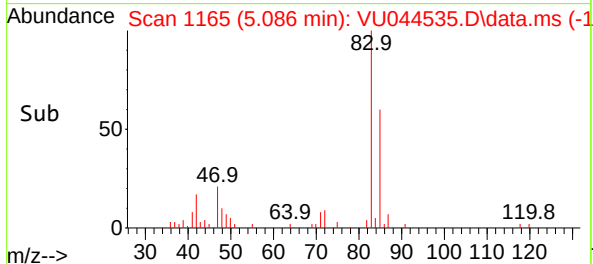
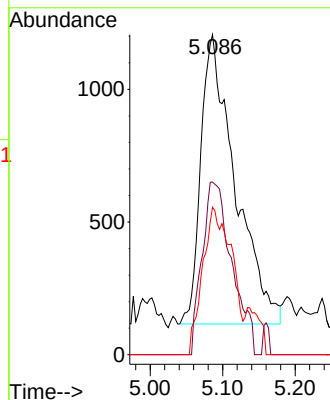
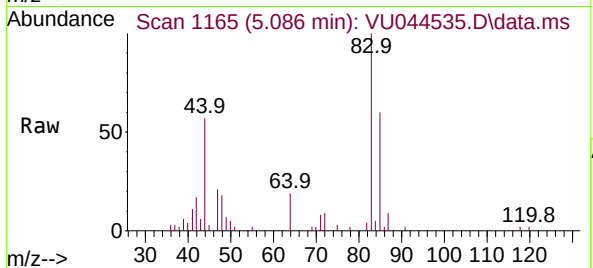
Delta R.T. 0.006 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 3580  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 51.9  | 42.6  | 63.8  |
| 71       | 43.1  | 43.8  | 65.6# |

Instrument :  
MSVOA\_U  
ClientSampleId :



#42

1-Chlorobutane

Concen: 0.802 ug/l

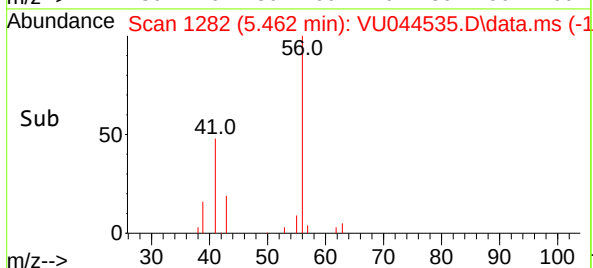
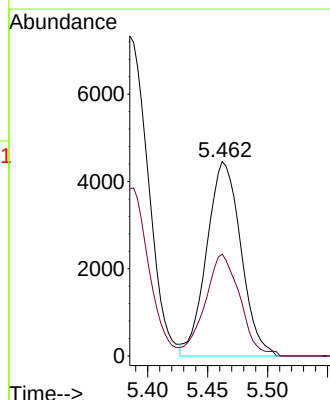
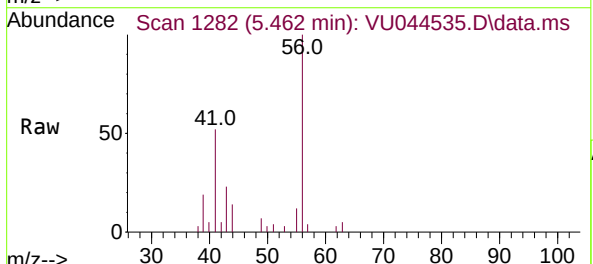
RT: 5.462 min Scan# 1282

Delta R.T. 0.000 min

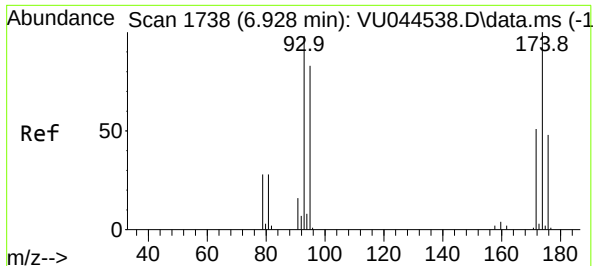
Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 8836  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 53.3  | 24.3  | 72.9  |





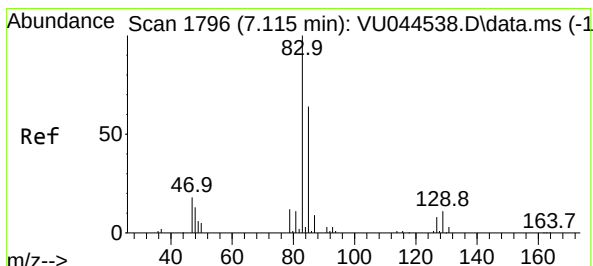
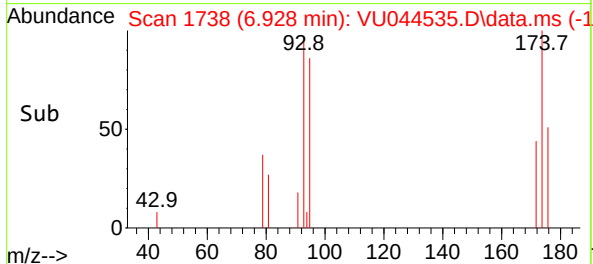
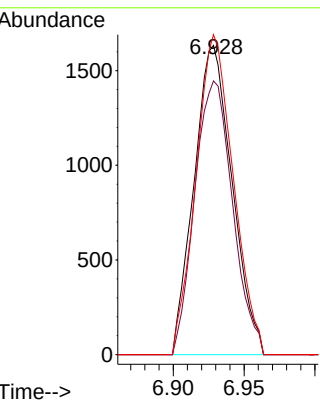
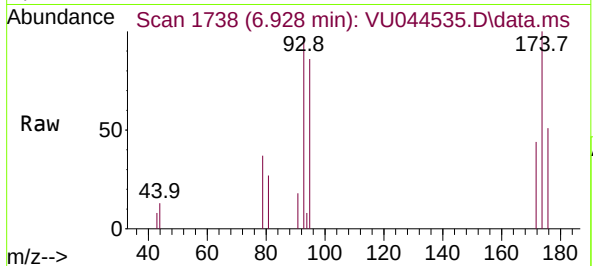


#43  
Dibromomethane  
Concen: 0.985 ug/l  
RT: 6.928 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 93 Resp: 3053

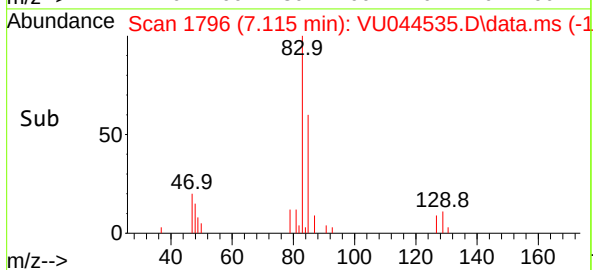
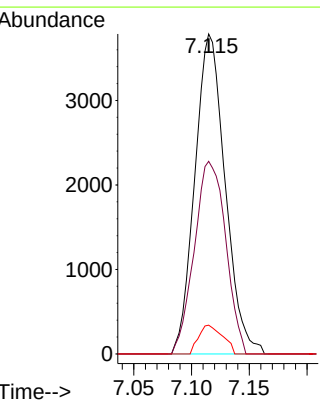
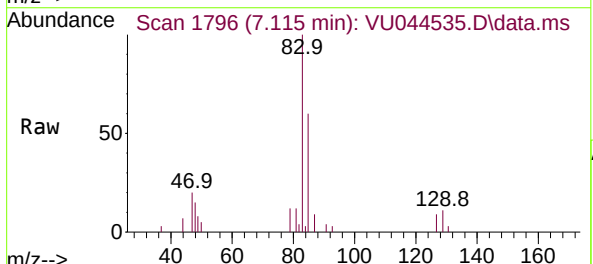
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 87.8  | 68.2  | 102.4 |
| 174 | 101.3 | 80.0  | 120.0 |

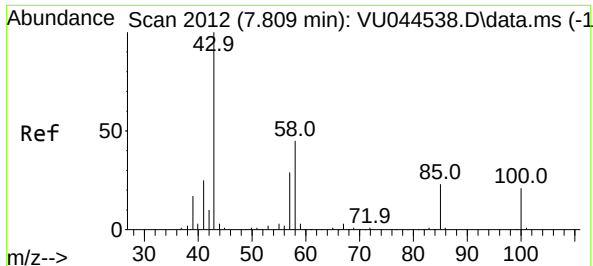


#44  
Bromodichloromethane  
Concen: 0.937 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 83 Resp: 6906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 60.2  | 51.4  | 77.2  |
| 127 | 9.0   | 7.2   | 10.8  |





#45

4-Methyl-2-Pentanone

Concen: 3.825 ug/l

RT: 7.816 min Scan# 2014

Delta R.T. 0.007 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 43 Resp: 15442

Ion Ratio Lower Upper

43 100

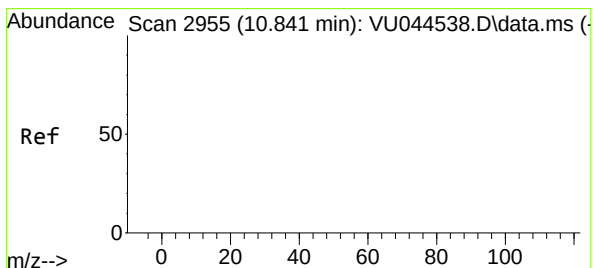
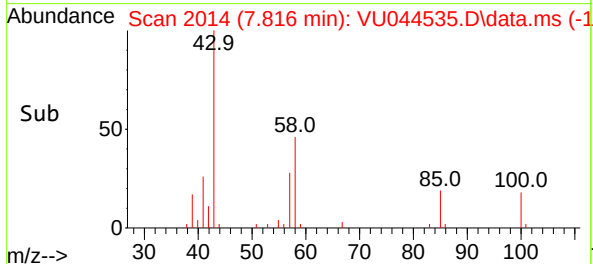
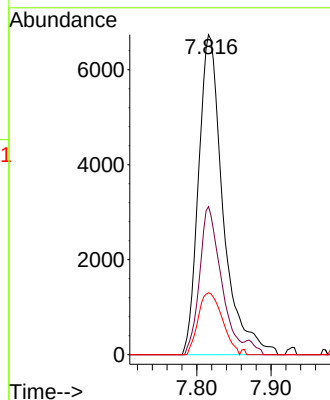
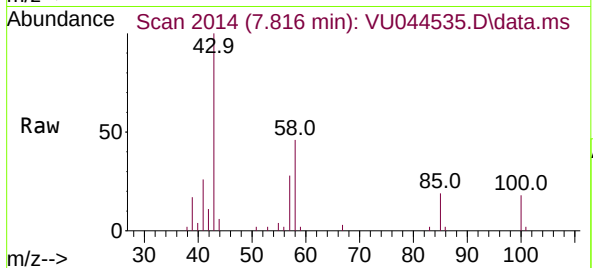
58 40.6 22.4 67.3

85 19.0 18.2 27.4

Instrument :

MSVOA\_U

ClientSampleId :



#46

t-1,4-Dichloro-2-butene

Concen: 3.609 ug/l

RT: 10.835 min Scan# 2953

Delta R.T. -0.006 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 75 Resp: 6139

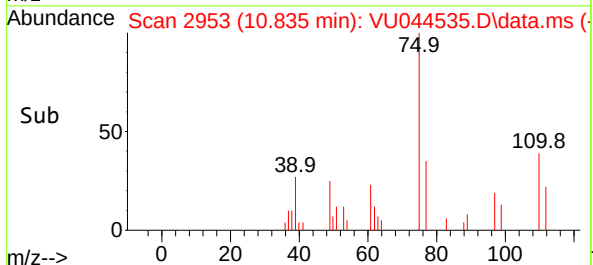
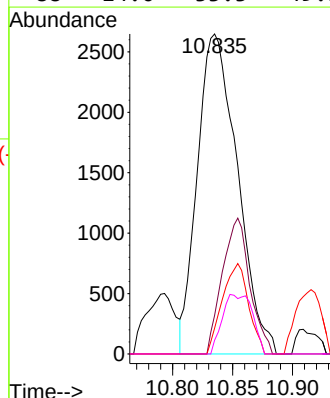
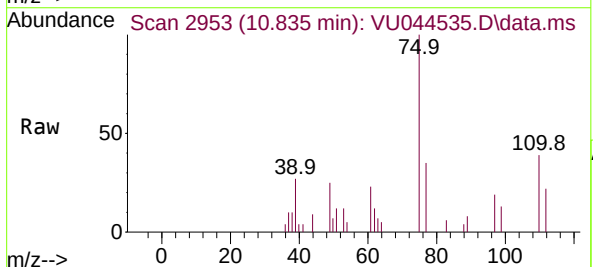
Ion Ratio Lower Upper

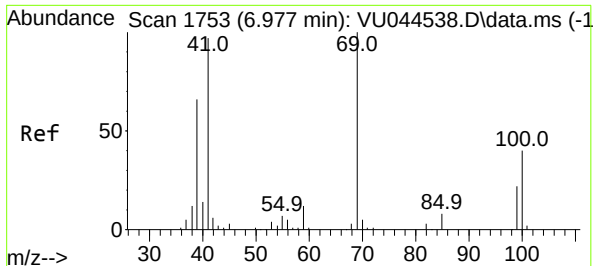
75 100

53 29.3 64.0 96.0#

89 18.5 42.1 63.1#

88 14.0 33.3 49.9#





#47

Methyl methacrylate

Concen: 1.509 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.003 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 69 Resp: 4938

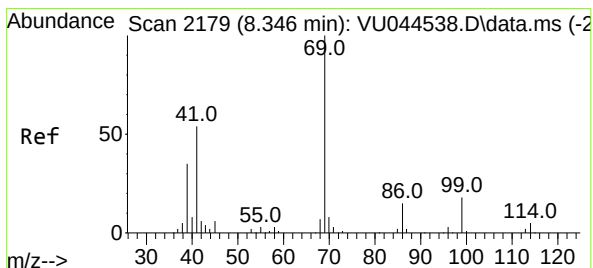
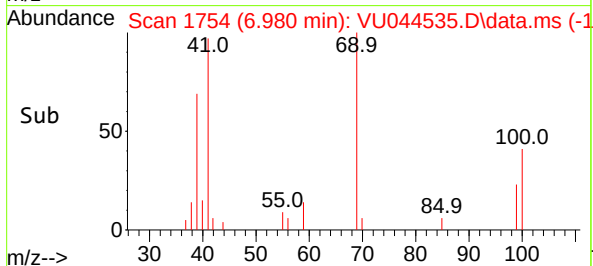
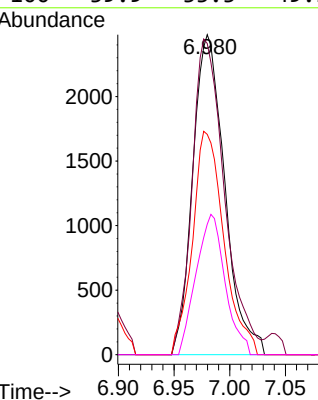
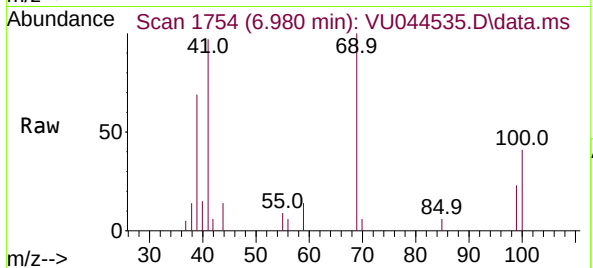
Ion Ratio Lower Upper

69 100

41 100.4 0.0 191.8

39 68.8 52.4 78.6

100 39.9 33.3 49.9



#48

Ethyl methacrylate

Concen: 0.716 ug/l

RT: 8.350 min Scan# 2180

Delta R.T. 0.003 min

Lab File: VU044535.D

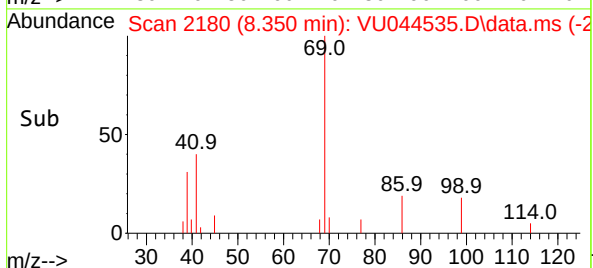
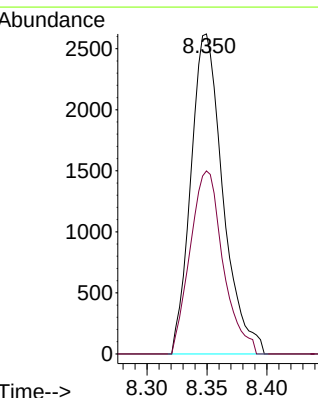
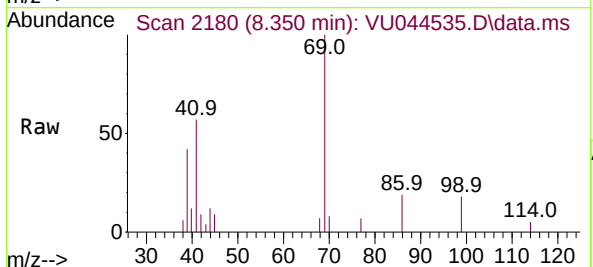
Acq: 31 Aug 2021 17:42

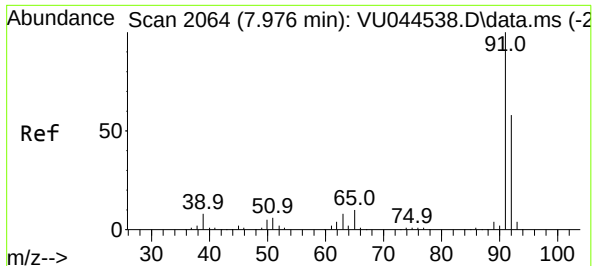
Tgt Ion: 69 Resp: 4868

Ion Ratio Lower Upper

69 100

41 58.8 27.1 81.2

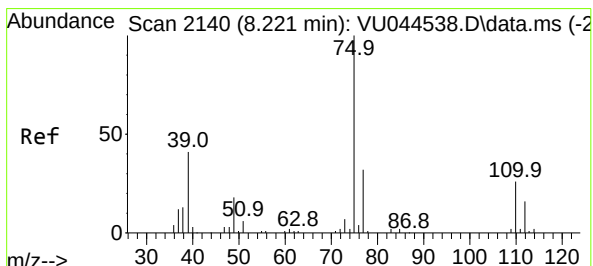
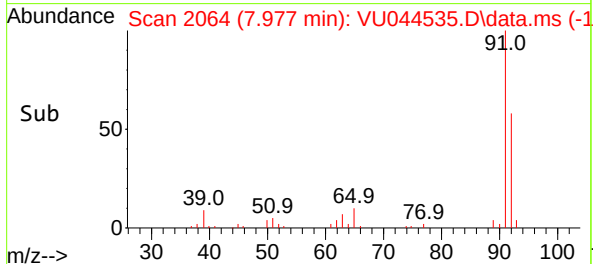
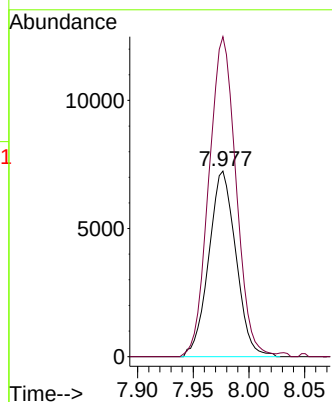
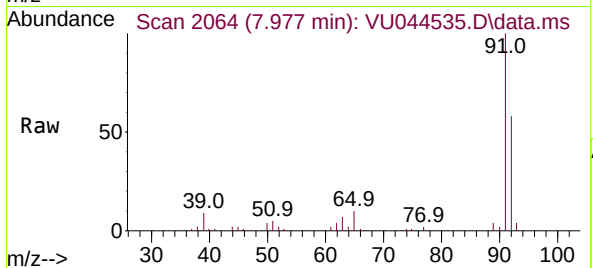




#49  
Toluene  
Concen: 0.838 ug/l  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

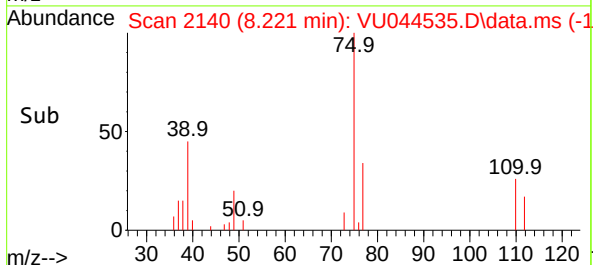
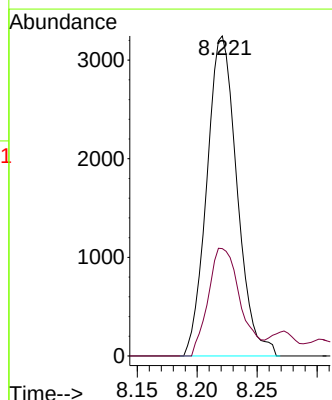
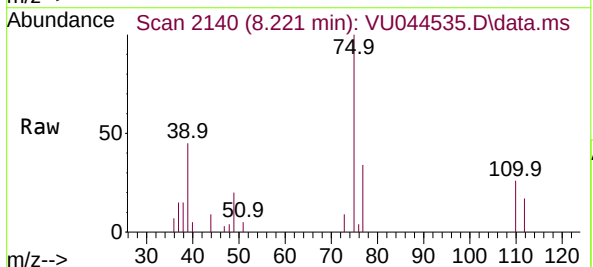
Instrument :  
MSVOA\_U  
ClientSampled :

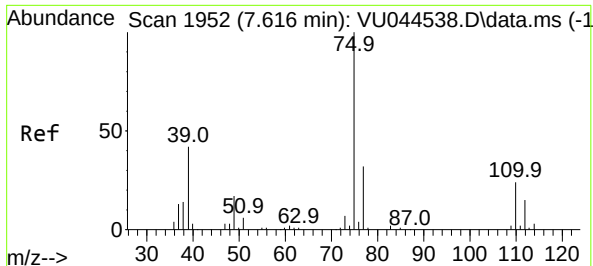
Tgt Ion: 92 Resp: 12292  
Ion Ratio Lower Upper  
92 100  
91 172.7 139.4 209.0



#50  
t-1,3-Dichloropropene  
Concen: 0.763 ug/l  
RT: 8.221 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 75 Resp: 5680  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.3 37.9

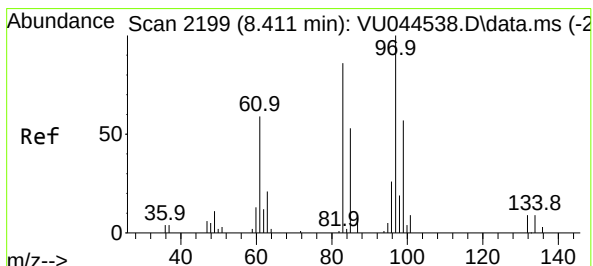
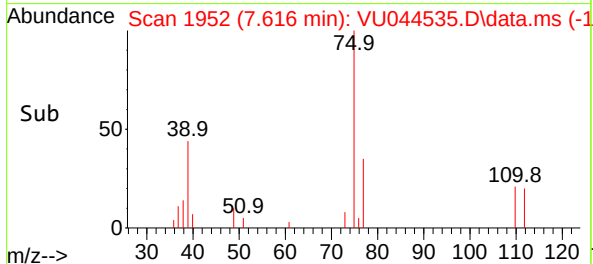
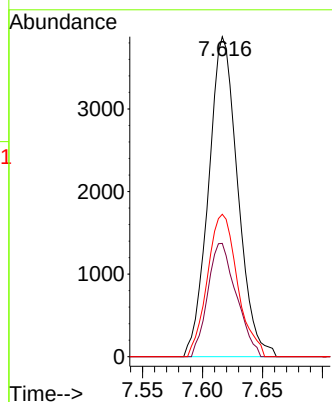
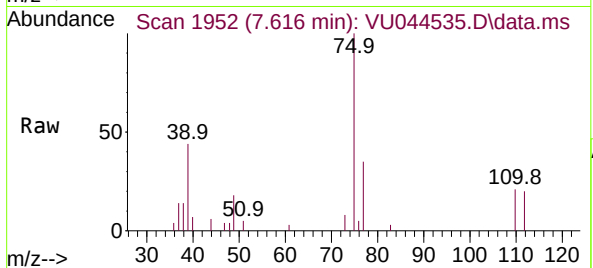




#51  
cis-1,3-Dichloropropene  
Concen: 0.752 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

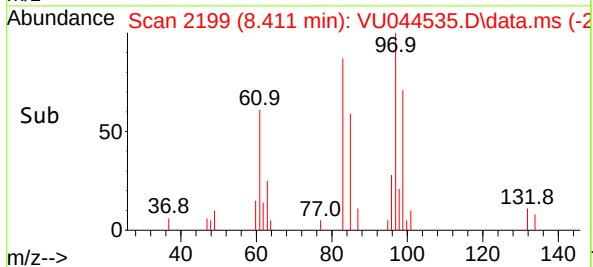
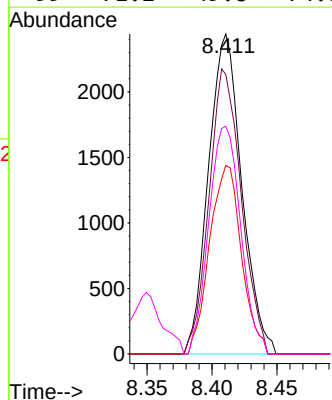
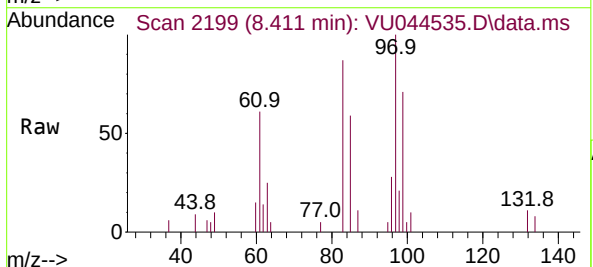
Instrument :  
MSVOA\_U  
ClientSampled :

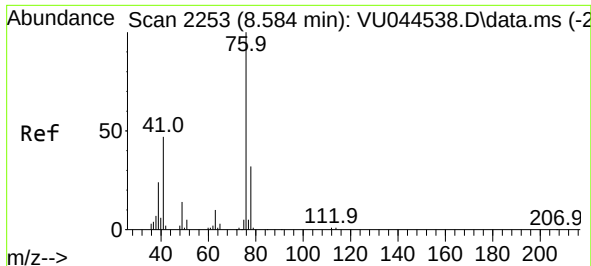
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6575  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 35.4  | 25.4  | 38.2  |
| 39       | 44.5  | 33.9  | 50.9  |



#52  
1,1,2-Trichloroethane  
Concen: 0.950 ug/l  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 4349  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.3  | 68.4  | 102.6 |
| 85       | 58.9  | 43.4  | 65.0  |
| 99       | 71.2  | 49.8  | 74.8  |



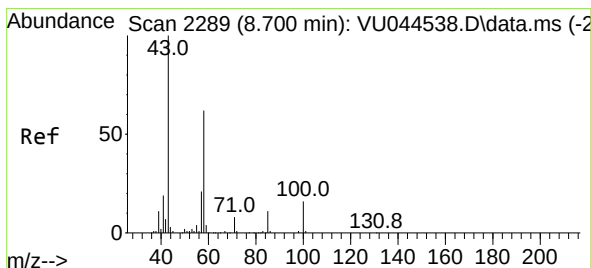
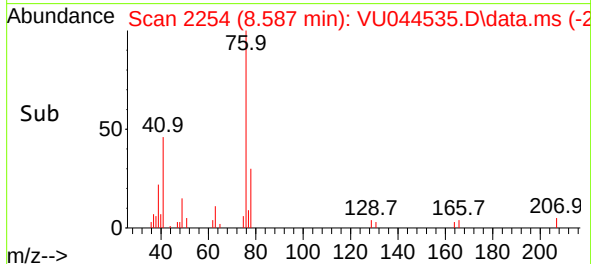
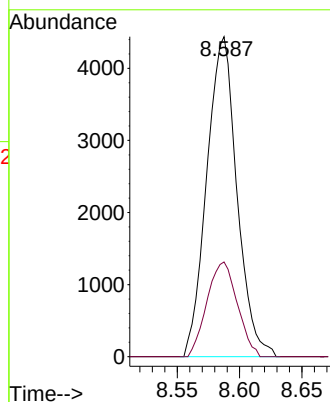
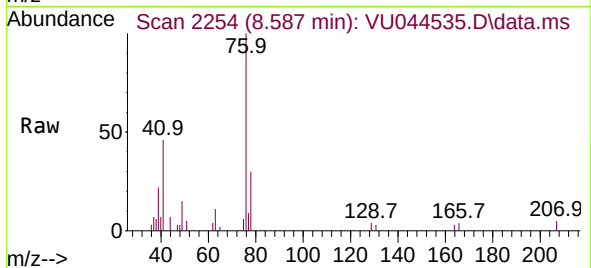


#53

1,3-Dichloropropane  
Concen: 0.906 ug/l  
RT: 8.587 min Scan# 2254  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Instrument :  
MSVOA\_U  
ClientSampled :

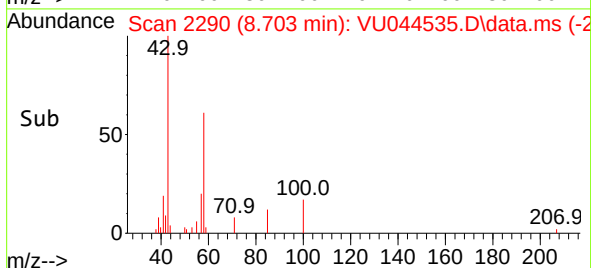
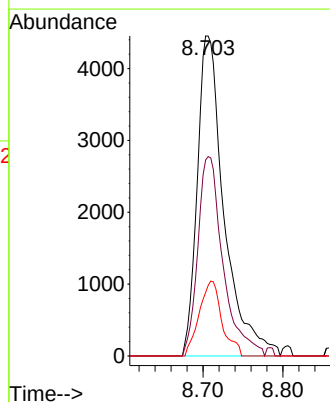
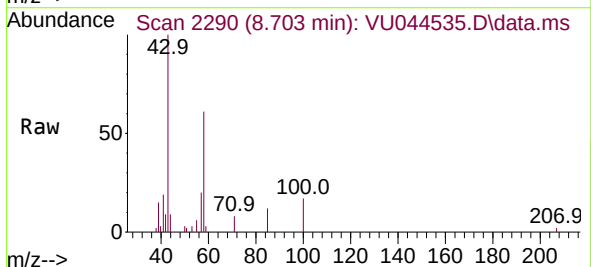
Tgt Ion: 76 Resp: 7485  
Ion Ratio Lower Upper  
76 100  
78 29.7 25.8 38.8

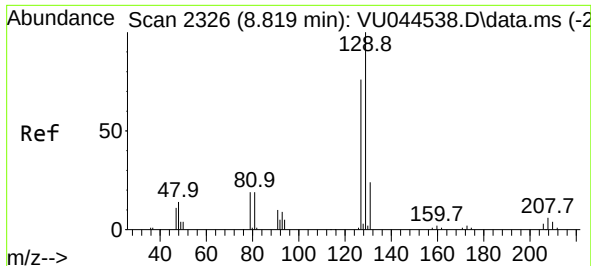


#54

2-Hexanone  
Concen: 3.616 ug/l  
RT: 8.703 min Scan# 2290  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 43 Resp: 10394  
Ion Ratio Lower Upper  
43 100  
58 58.4 40.6 80.6  
57 19.8 0.9 40.9

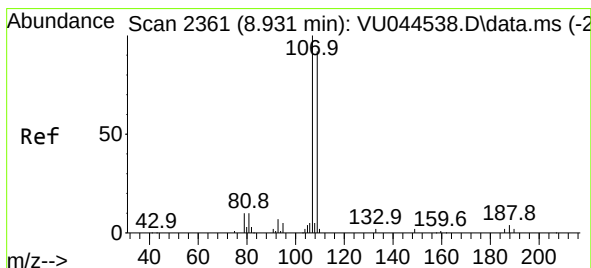
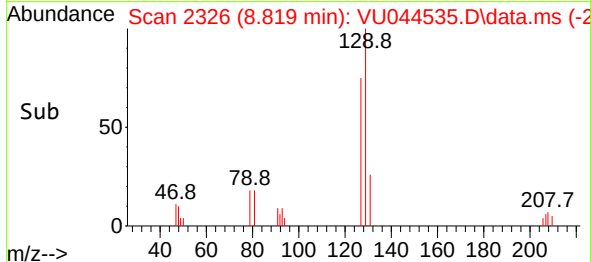
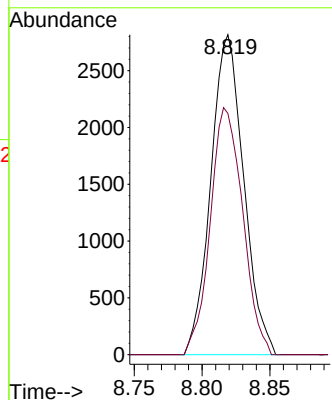
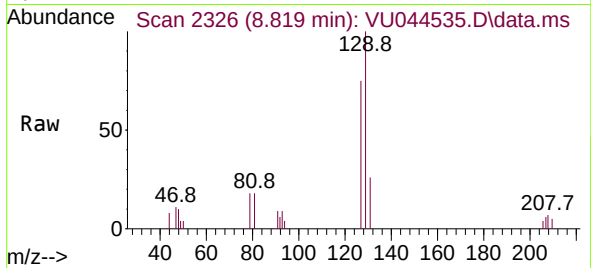




#55  
Dibromochloromethane  
Concen: 0.951 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

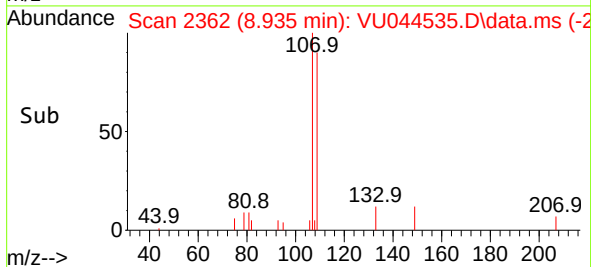
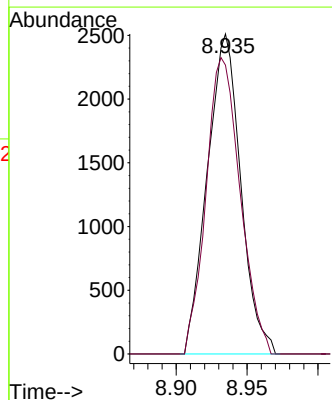
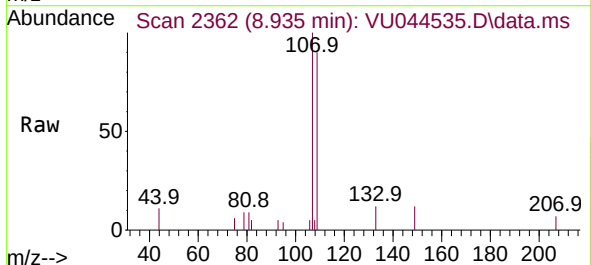
Instrument :  
MSVOA\_U  
ClientSampled :

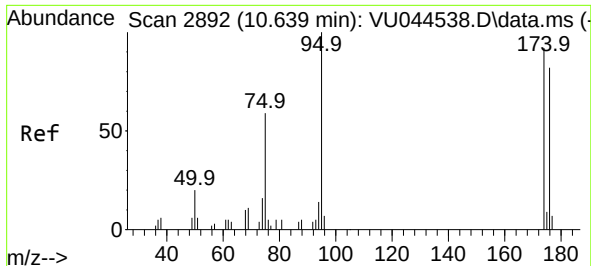
Tgt Ion:129 Resp: 4756  
Ion Ratio Lower Upper  
129 100  
127 76.1 60.8 91.2



#56  
1,2-Dibromoethane  
Concen: 0.918 ug/l  
RT: 8.935 min Scan# 2362  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:107 Resp: 4115  
Ion Ratio Lower Upper  
107 100  
109 94.7 0.0 184.8

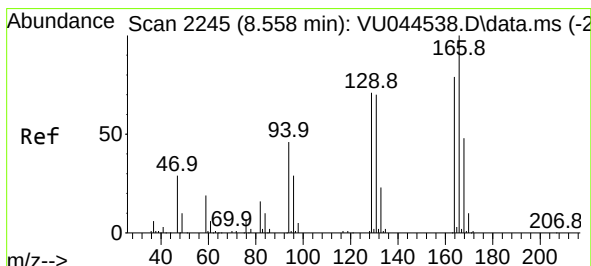
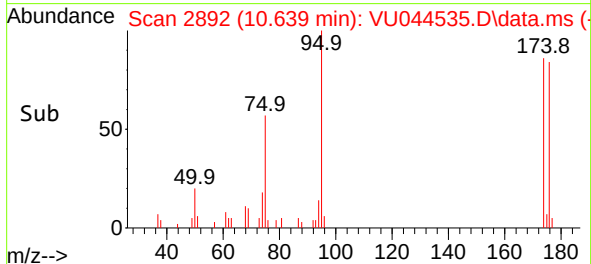
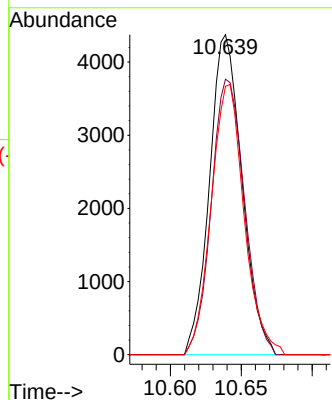
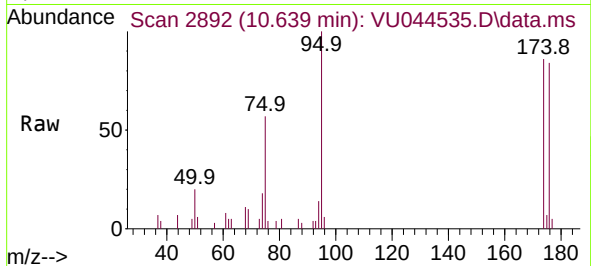




#57  
4-Bromofluorobenzene  
Concen: 0.878 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

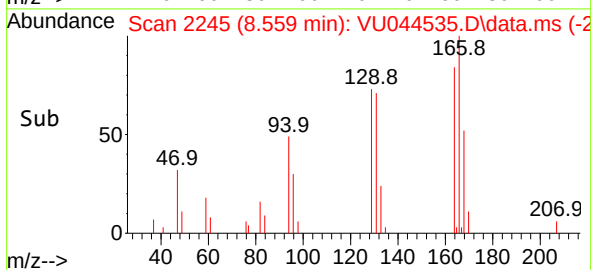
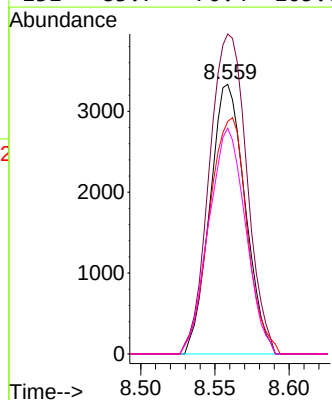
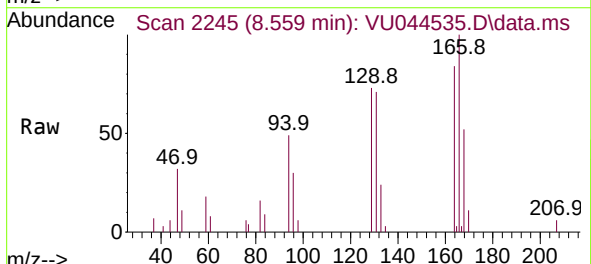
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 6974  
Ion Ratio Lower Upper  
95 100  
174 87.9 65.9 98.9  
176 85.4 63.0 94.4

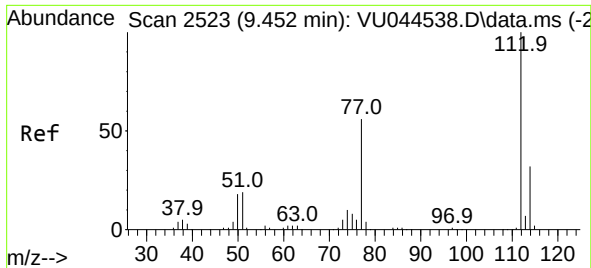


#58  
Tetrachloroethene  
Concen: 1.074 ug/l  
RT: 8.559 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 164 Resp: 5500  
Ion Ratio Lower Upper  
164 100  
166 118.7 100.7 151.1  
129 86.2 71.8 107.8  
131 83.7 70.4 105.6



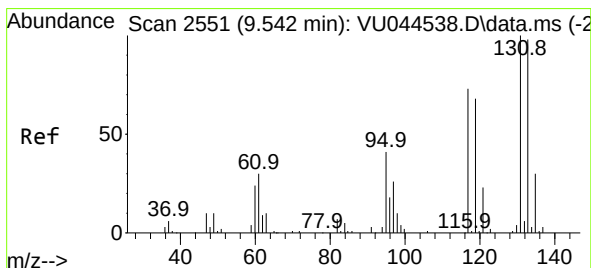
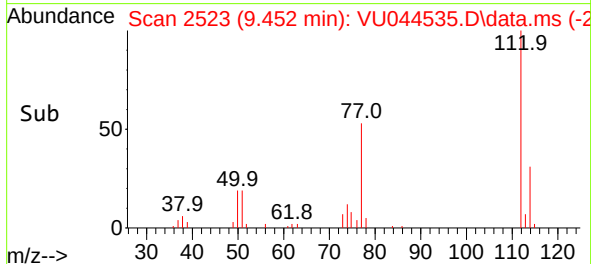
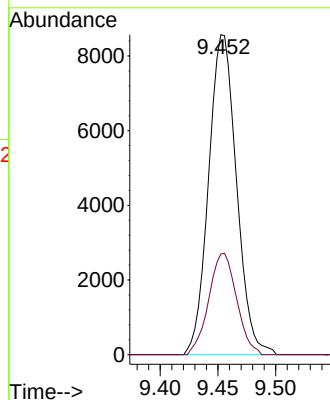
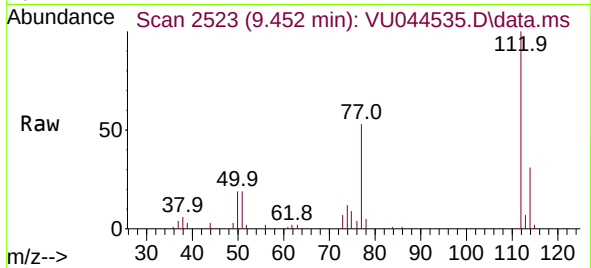




#59  
Chlorobenzene  
Concen: 0.919 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

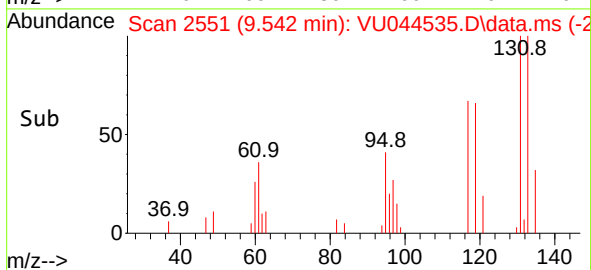
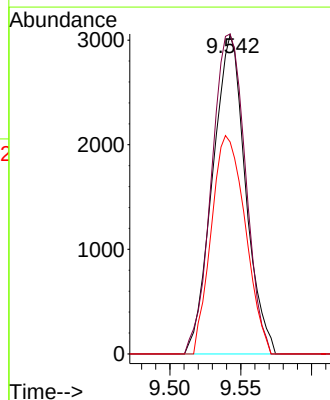
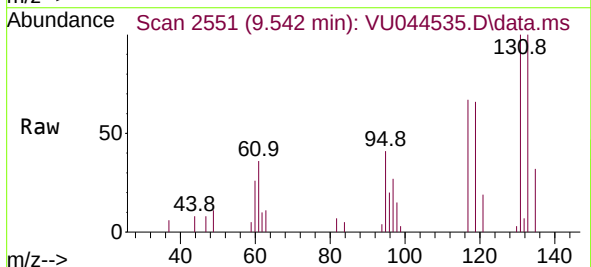
Instrument :  
MSVOA\_U  
ClientSampleId :

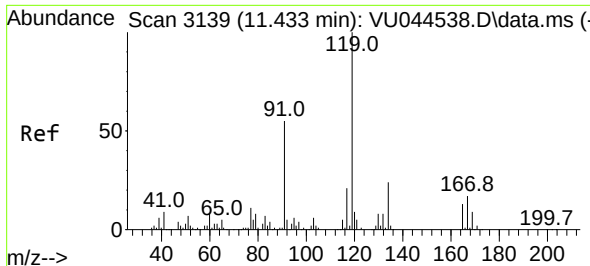
Tgt Ion:112 Resp: 14405  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.5 38.3



#60  
1,1,1,2-Tetrachloroethane  
Concen: 0.930 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:131 Resp: 4914  
Ion Ratio Lower Upper  
131 100  
133 103.3 76.8 115.2  
119 70.9 54.2 81.2

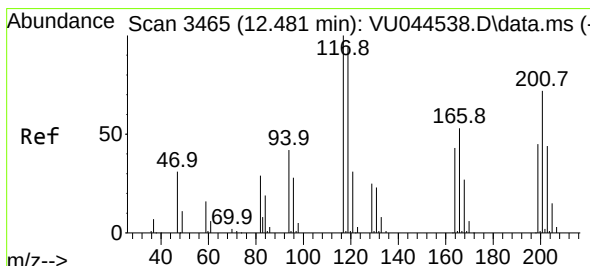
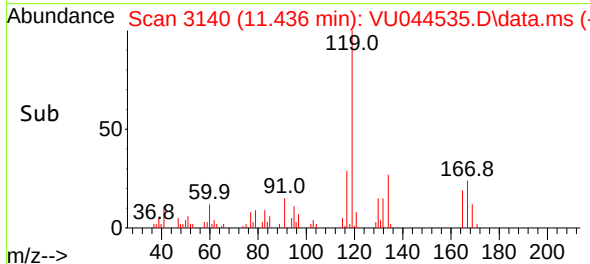
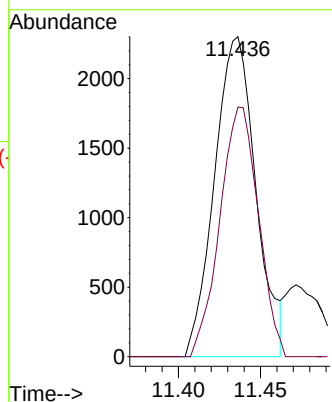
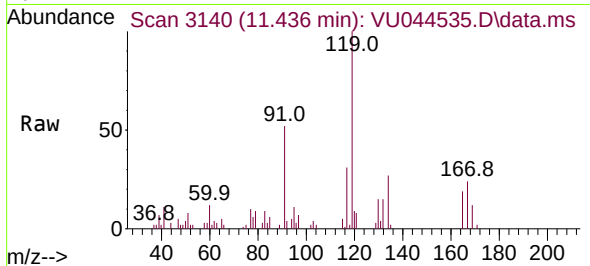




#61  
 Pentachloroethane  
 Concen: 0.947 ug/l  
 RT: 11.436 min Scan# 3140  
 Delta R.T. 0.003 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

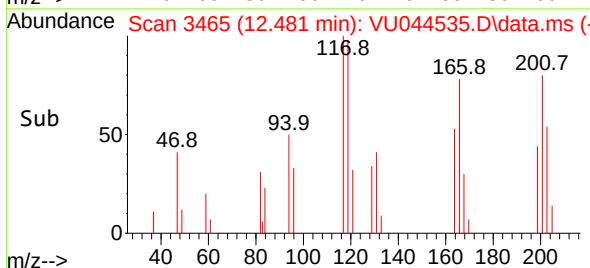
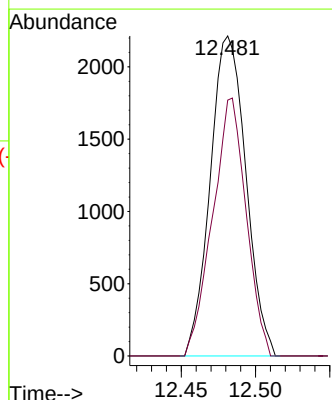
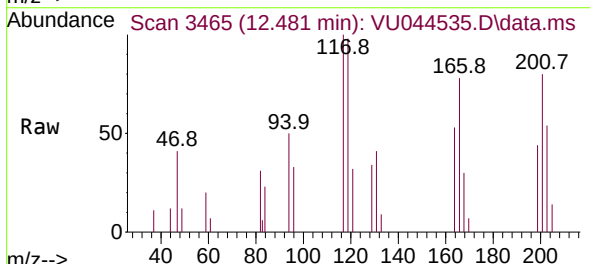
Instrument :  
 MSVOA\_U  
 ClientSampled :

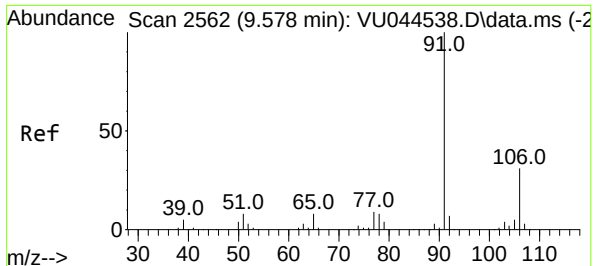
Tgt Ion:117 Resp: 4029  
 Ion Ratio Lower Upper  
 117 100  
 167 72.6 64.5 96.7



#62  
 Hexachloroethane  
 Concen: 0.840 ug/l  
 RT: 12.481 min Scan# 3465  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

Tgt Ion:117 Resp: 3702  
 Ion Ratio Lower Upper  
 117 100  
 201 75.6 58.6 87.8





#63

Ethyl Benzene

Concen: 0.786 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU044535.D

Acq: 31 Aug 2021 17:42

Tgt Ion: 91 Resp: 21846

Ion Ratio Lower Upper

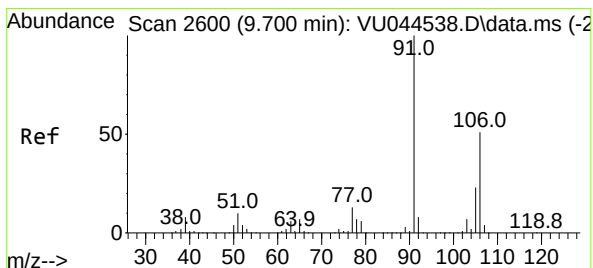
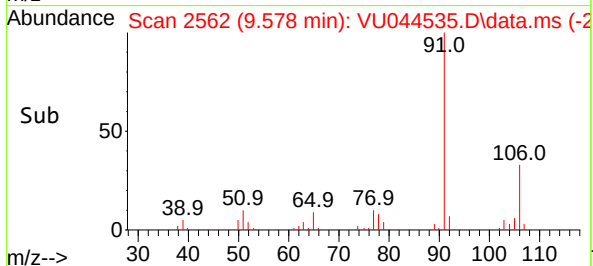
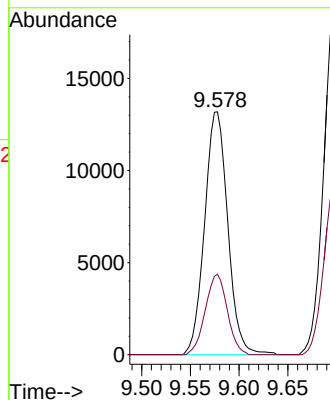
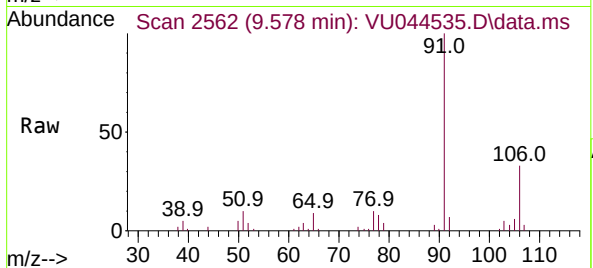
91 100

106 33.1 25.0 37.4

Instrument :

MSVOA\_U

ClientSampleId :



#64

m/p-Xylenes

Concen: 1.615 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU044535.D

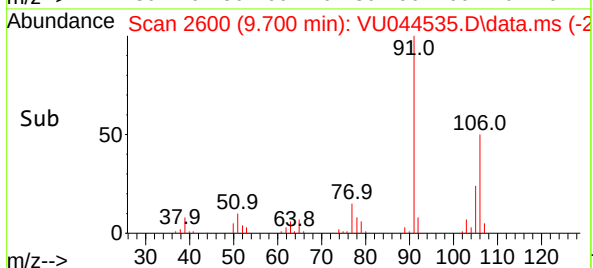
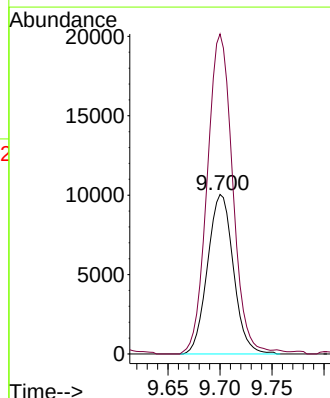
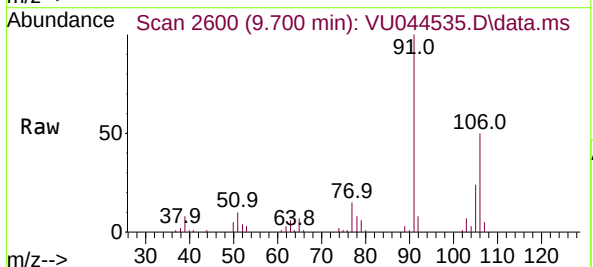
Acq: 31 Aug 2021 17:42

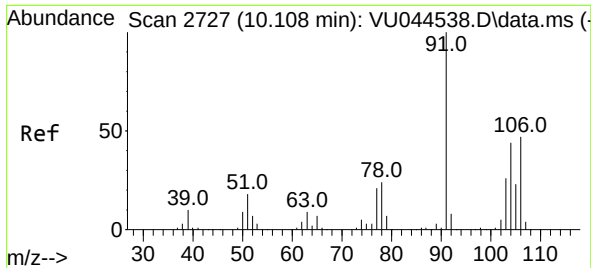
Tgt Ion:106 Resp: 17368

Ion Ratio Lower Upper

106 100

91 198.7 160.2 240.2

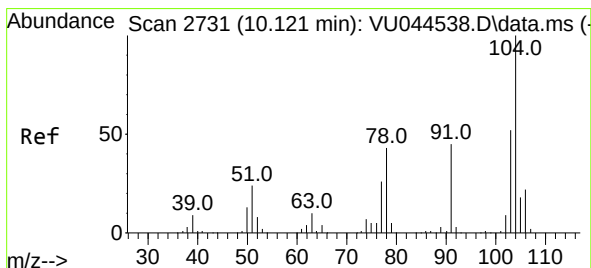
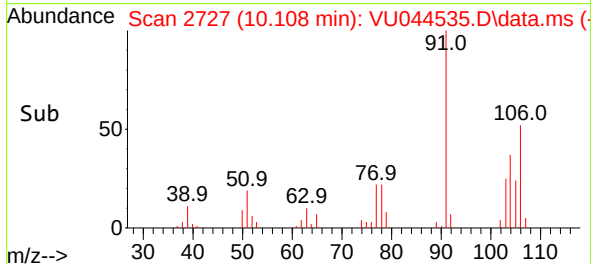
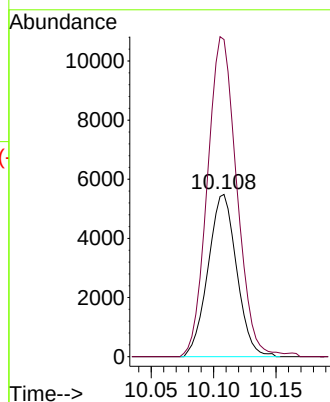
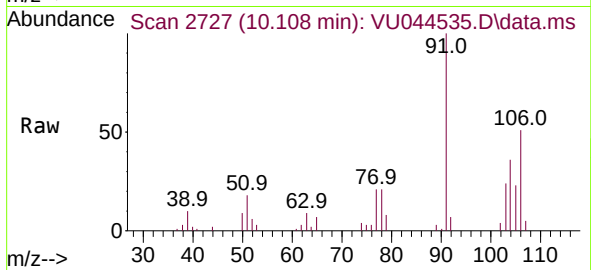




#65  
o-Xylene  
Concen: 0.845 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

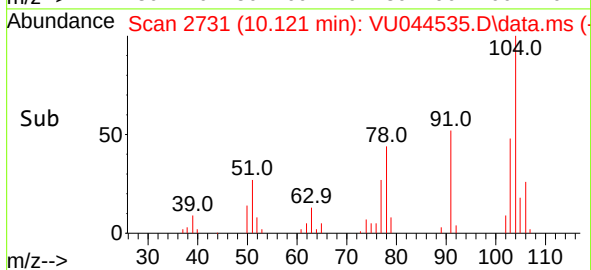
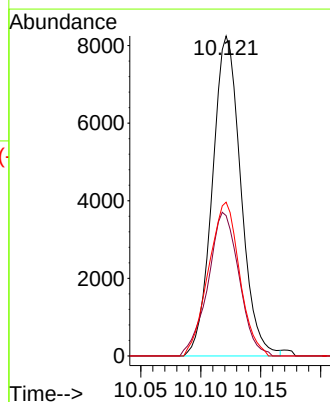
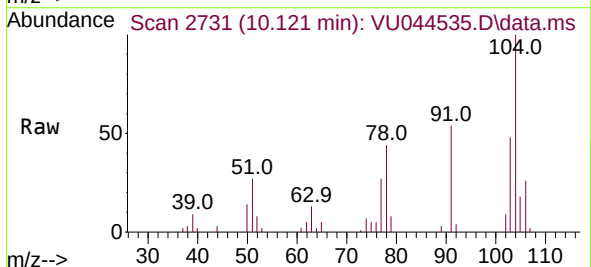
Instrument :  
MSVOA\_U  
ClientSampleId :

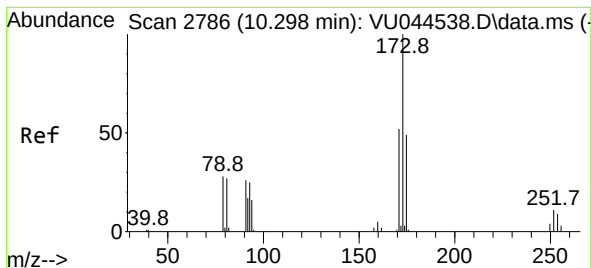
Tgt Ion:106 Resp: 8762  
Ion Ratio Lower Upper  
106 100  
91 202.3 105.3 315.9



#66  
Styrene  
Concen: 0.761 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:104 Resp: 13617  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.2 57.4  
103 52.3 44.2 66.4

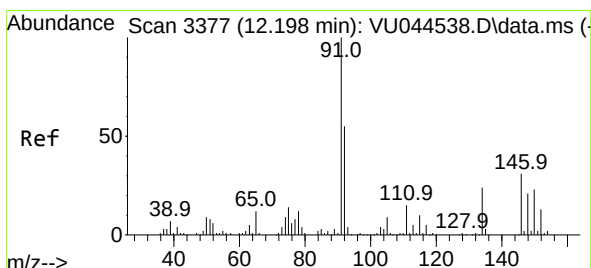
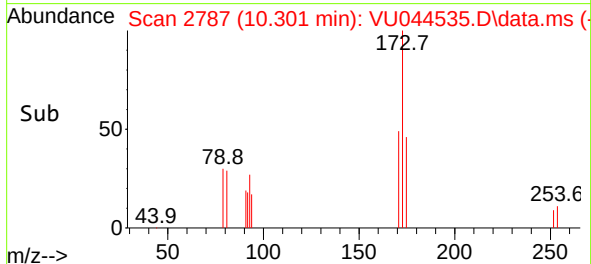
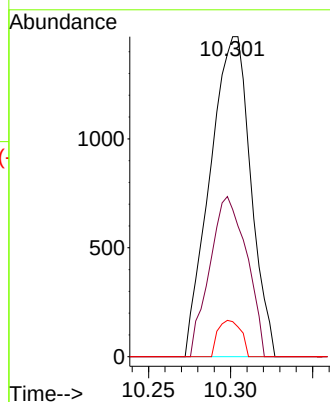
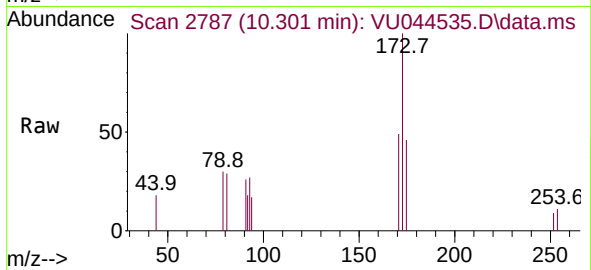




#67  
Bromoform  
Concen: 0.905 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

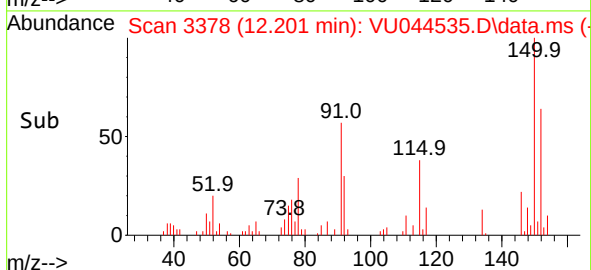
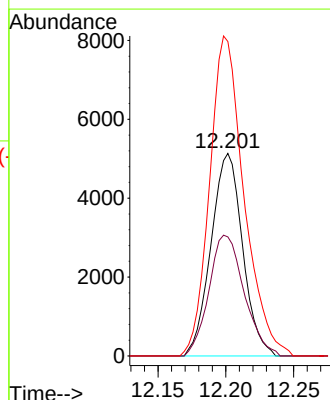
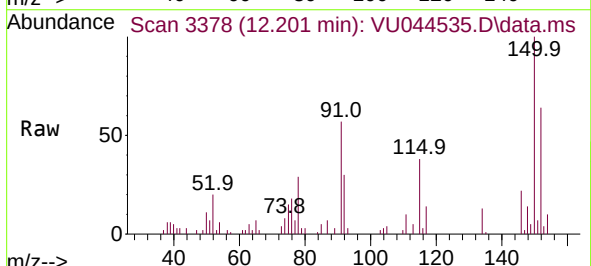
Instrument :  
MSVOA\_U  
ClientSampleId :

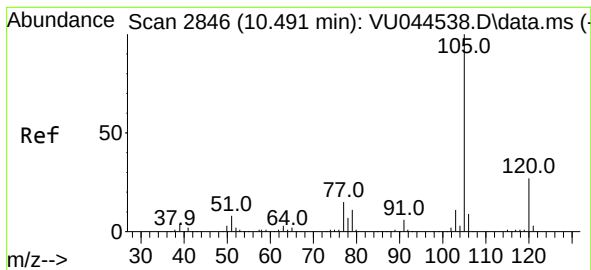
Tgt Ion:173 Resp: 2529  
Ion Ratio Lower Upper  
173 100  
175 45.5 39.1 58.7  
254 6.4 7.9 11.9#



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.049 ug/l  
RT: 12.201 min Scan# 3378  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:152 Resp: 8316  
Ion Ratio Lower Upper  
152 100  
115 66.5 0.0 277.8  
150 172.0 0.0 674.2

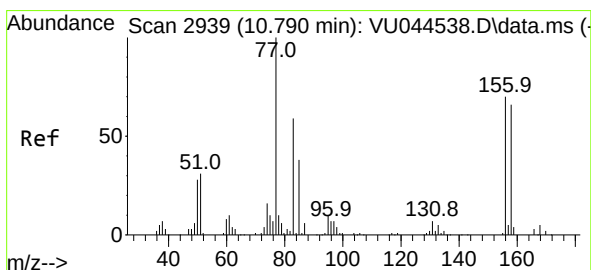
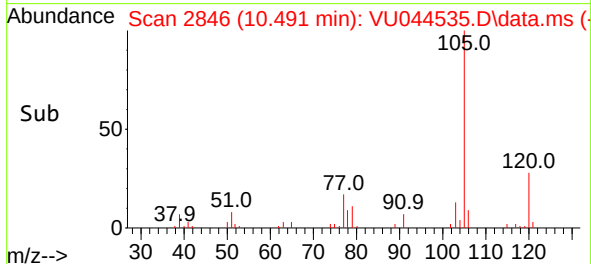
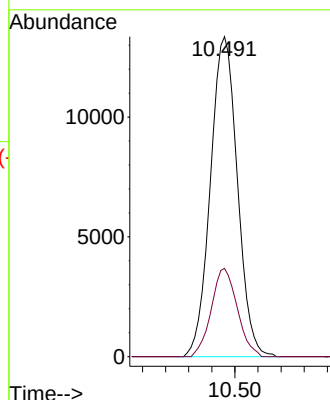
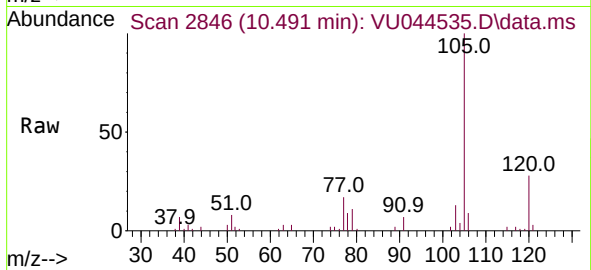




#69  
Isopropylbenzene  
Concen: 0.784 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

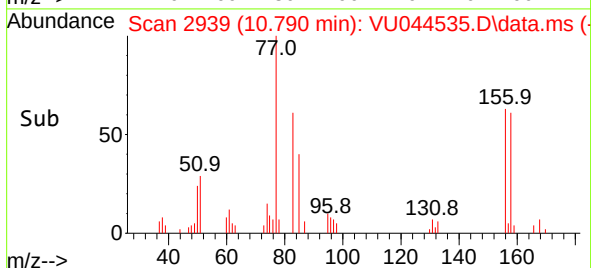
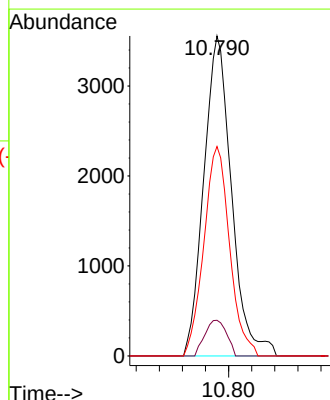
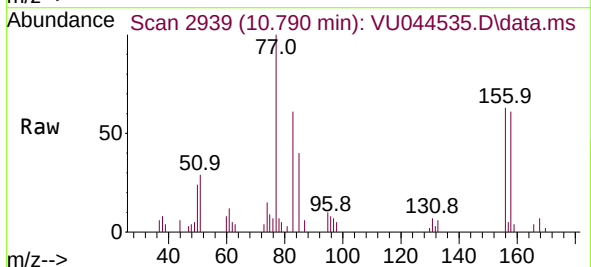
Instrument :  
MSVOA\_U  
ClientSampled :

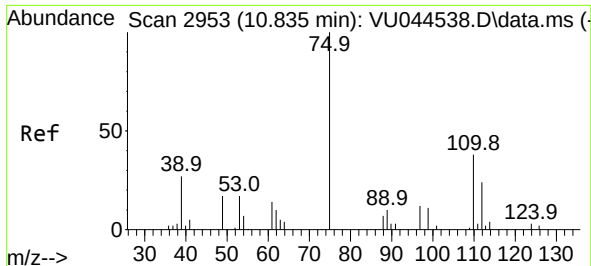
Tgt Ion:105 Resp: 21664  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1



#70  
1,1,2,2-Tetrachloroethane  
Concen: 0.981 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 83 Resp: 5913  
Ion Ratio Lower Upper  
83 100  
131 8.7 8.0 12.0  
85 60.9 51.9 77.9

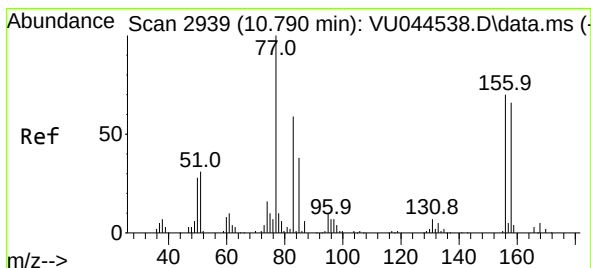
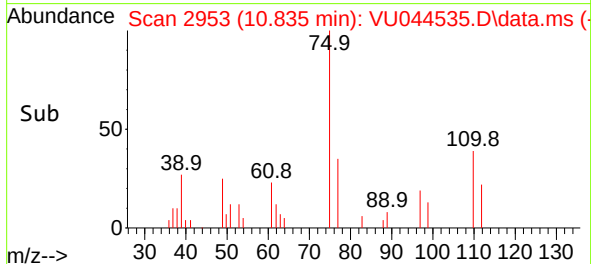
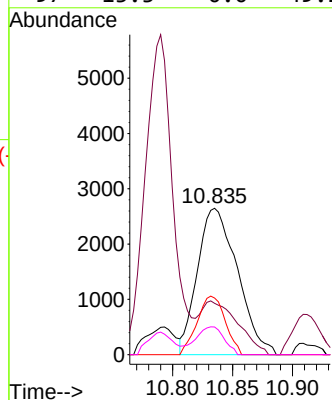
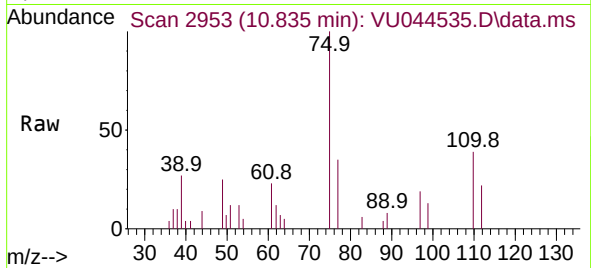




#71  
1,2,3-Trichloropropane  
Concen: 1.260 ug/l  
RT: 10.835 min Scan# 2953  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

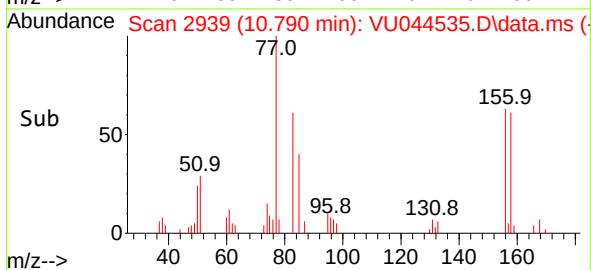
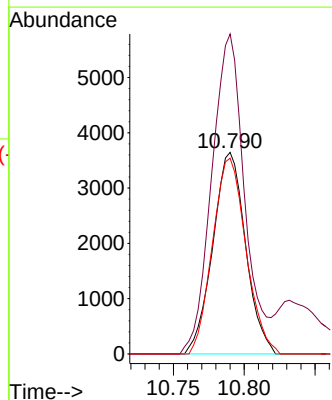
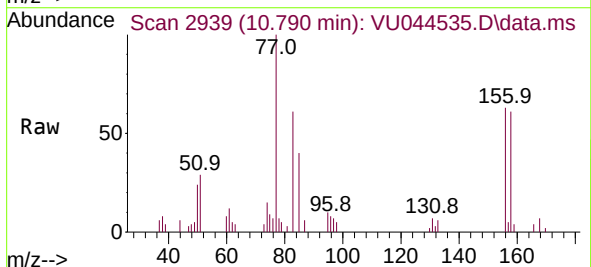
Instrument :  
MSVOA\_U  
ClientSampled :

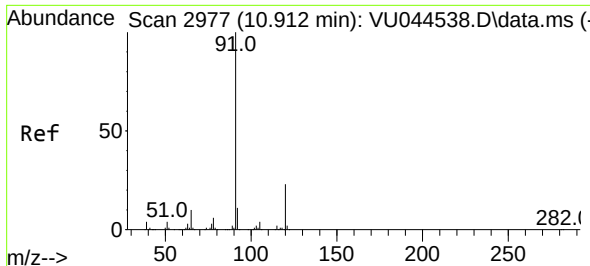
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6139  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.1  | 0.0   | 120.8 |
| 110      | 28.1  | 0.0   | 97.4  |
| 97       | 13.3  | 0.0   | 49.2  |



#72  
Bromobenzene  
Concen: 0.901 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 5855  |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 159.4 | 0.0   | 293.2 |
| 158      | 99.1  | 0.0   | 194.0 |

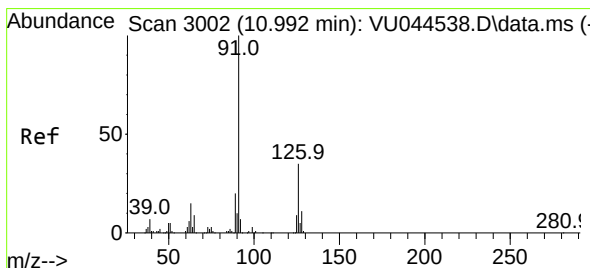
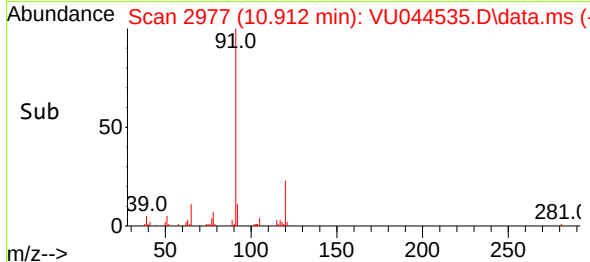
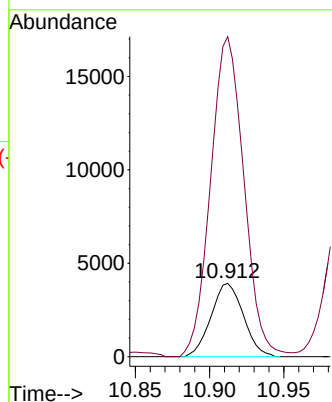
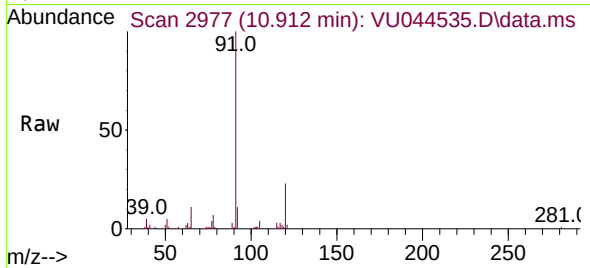




#73  
n-propylbenzene  
Concen: 0.791 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

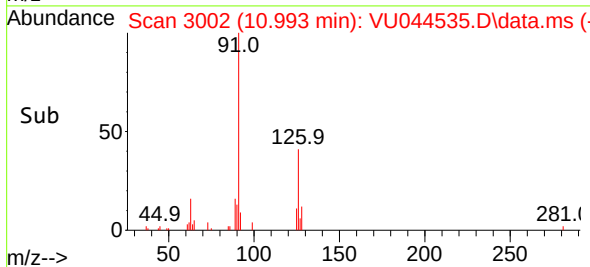
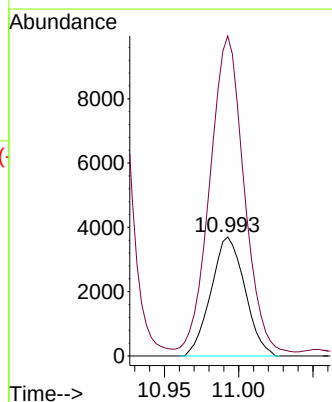
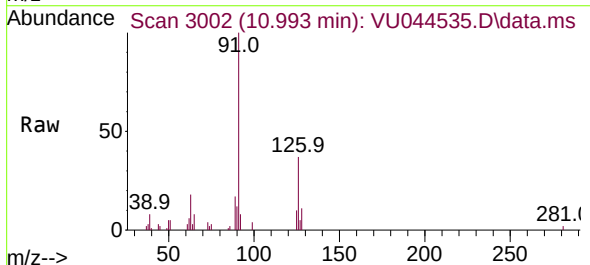
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:120 Resp: 5938  
Ion Ratio Lower Upper  
120 100  
91 449.6 343.8 515.8

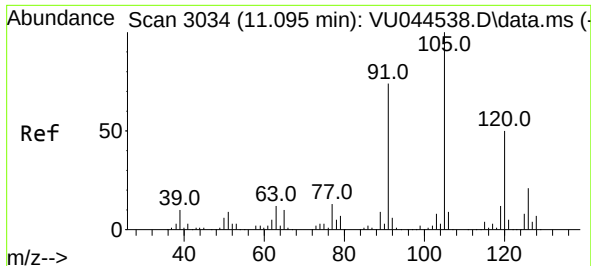


#74  
2-Chlorotoluene  
Concen: 0.903 ug/l  
RT: 10.993 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:126 Resp: 5862  
Ion Ratio Lower Upper  
126 100  
91 268.3 0.0 564.8



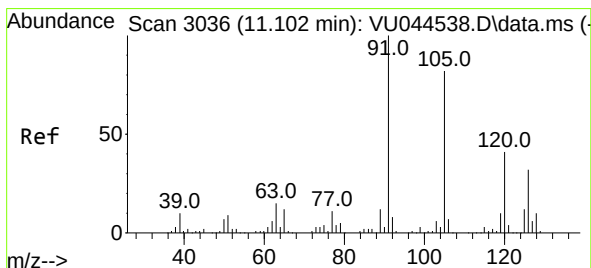
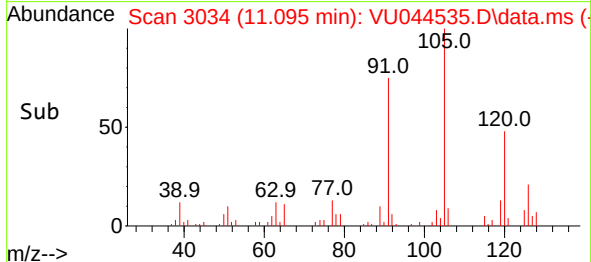
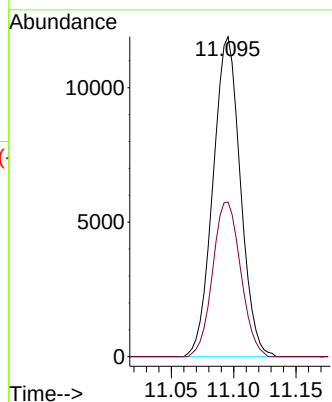
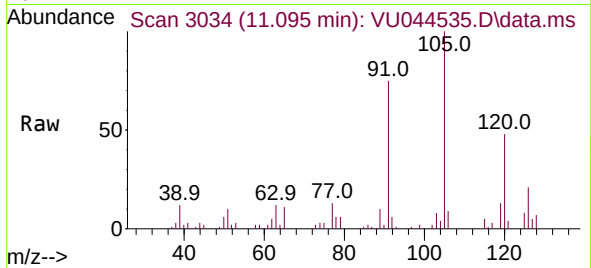




#75  
1,3,5-Trimethylbenzene  
Concen: 0.770 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

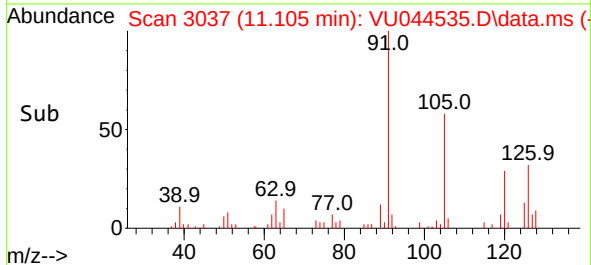
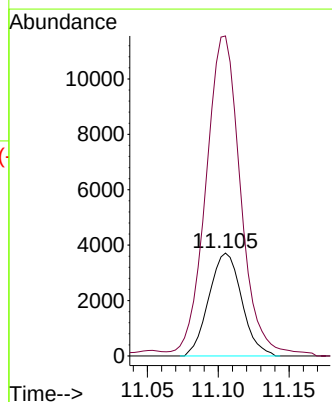
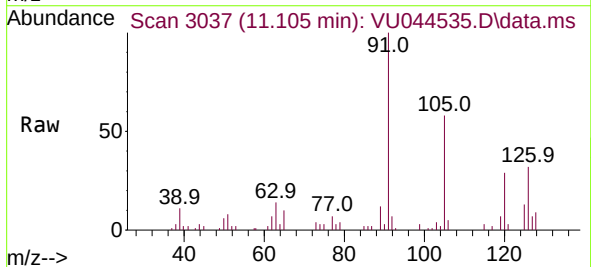
Instrument :  
MSVOA\_U  
ClientSampled :

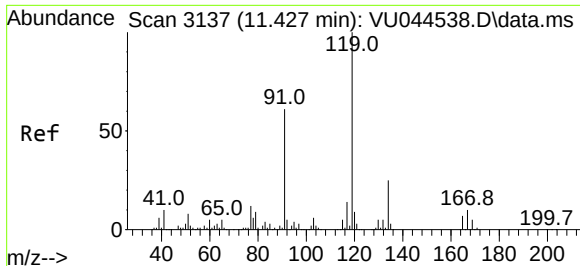
Tgt Ion:105 Resp: 18199  
Ion Ratio Lower Upper  
105 100  
120 49.5 39.7 59.5



#76  
4-Chlorotoluene  
Concen: 0.878 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:126 Resp: 5980  
Ion Ratio Lower Upper  
126 100  
91 330.3 0.0 644.6

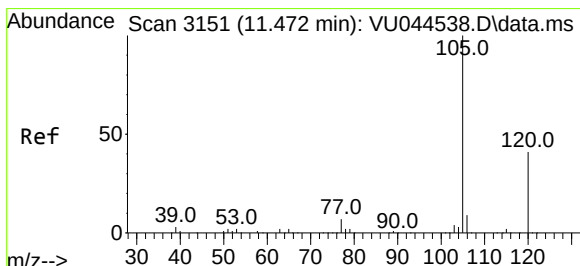
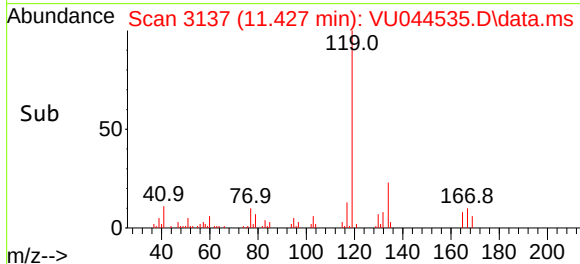
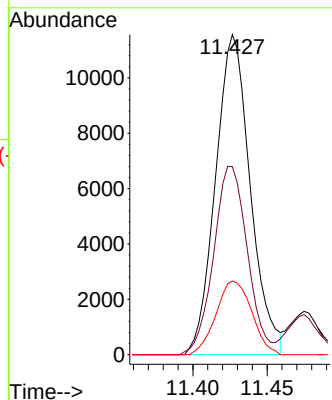
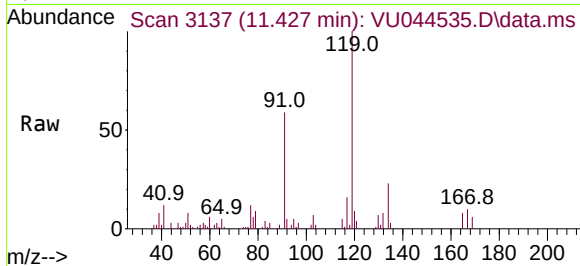




#77  
tert-Butylbenzene  
Concen: 0.815 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

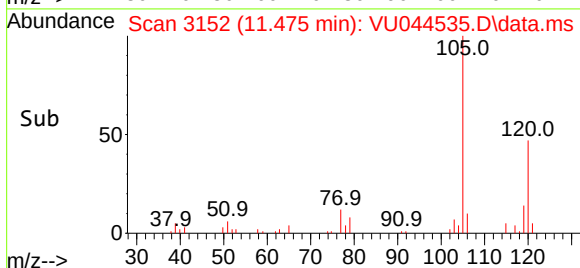
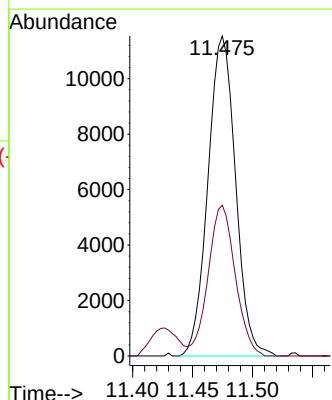
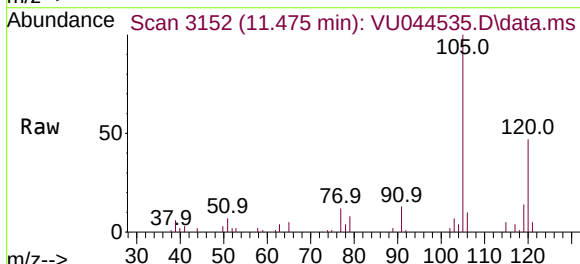
Instrument :  
MSVOA\_U  
ClientSampled :

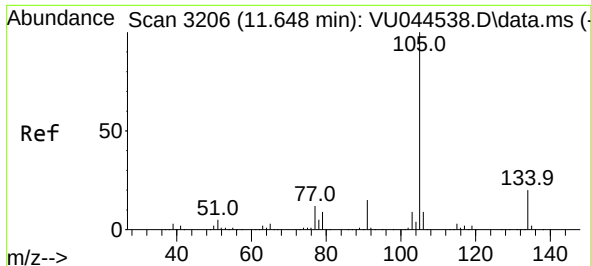
Tgt Ion:119 Resp: 18844  
Ion Ratio Lower Upper  
119 100  
91 57.4 28.6 85.9  
134 23.6 19.0 28.6



#78  
1,2,4-Trimethylbenzene  
Concen: 0.772 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:105 Resp: 18480  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.3 69.8

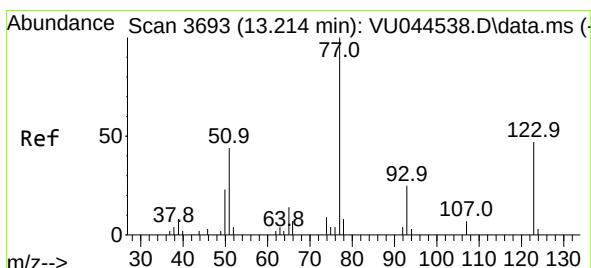
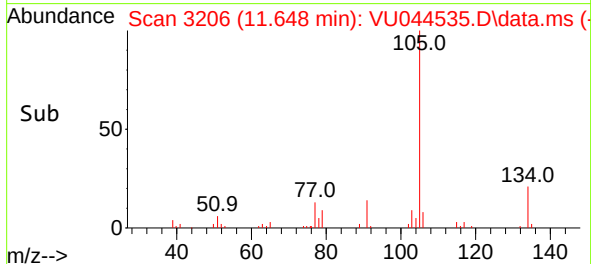
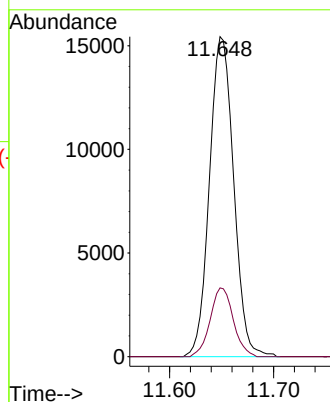
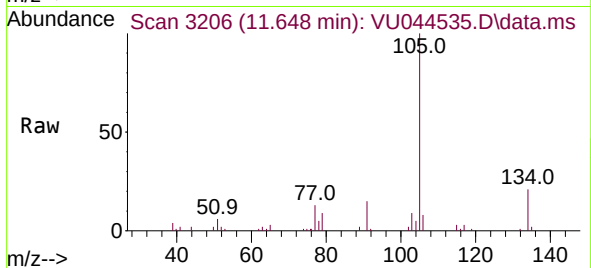




#79  
 sec-Butylbenzene  
 Concen: 0.793 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. 0.000 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

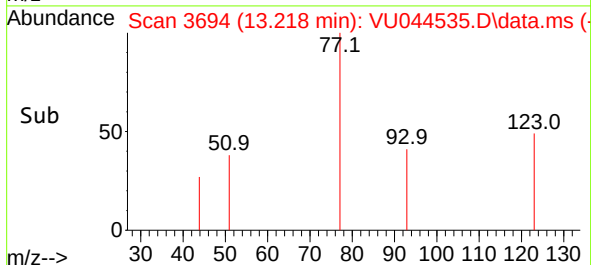
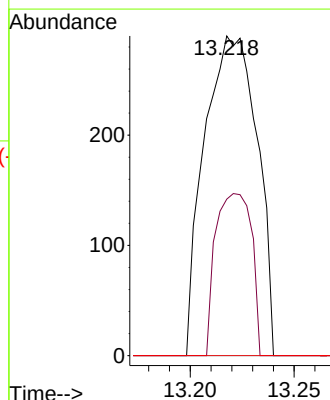
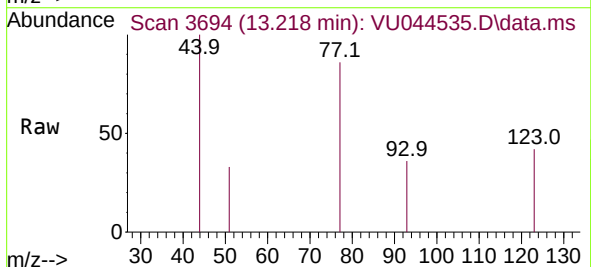
Instrument :  
 MSVOA\_U  
 ClientSampled :

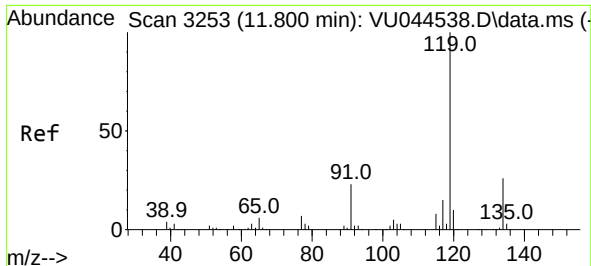
Tgt Ion:105 Resp: 24981  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 16.1 24.1



#80  
 Nitrobenzene  
 Concen: 2.922 ug/l  
 RT: 13.218 min Scan# 3694  
 Delta R.T. 0.003 min  
 Lab File: VU044535.D  
 Acq: 31 Aug 2021 17:42

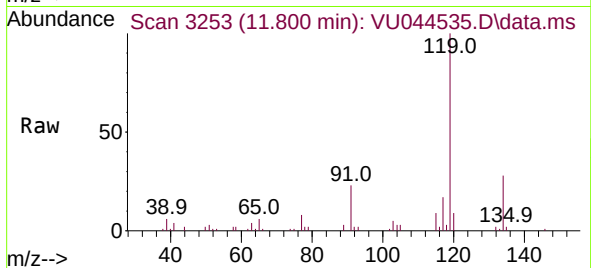
Tgt Ion: 77 Resp: 511  
 Ion Ratio Lower Upper  
 77 100  
 123 34.4 20.2 71.8  
 65 0.0 13.4 17.0#



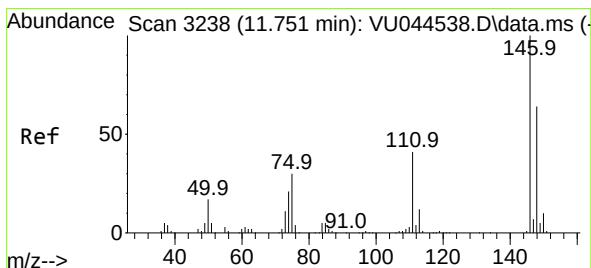
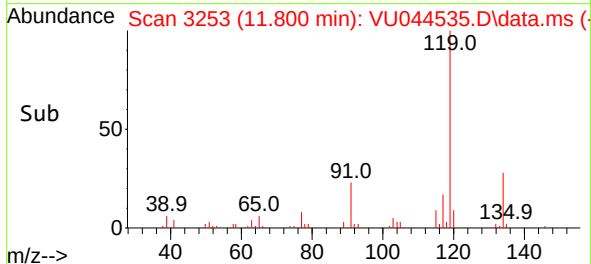
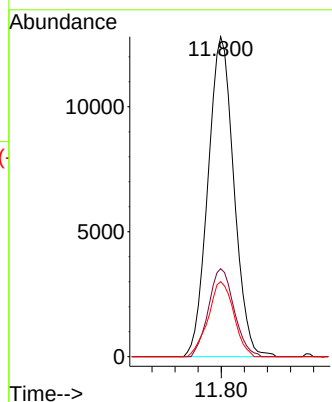


#81  
p-Isopropyltoluene  
Concen: 0.762 ug/l  
RT: 11.800 min Scan# 3253  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

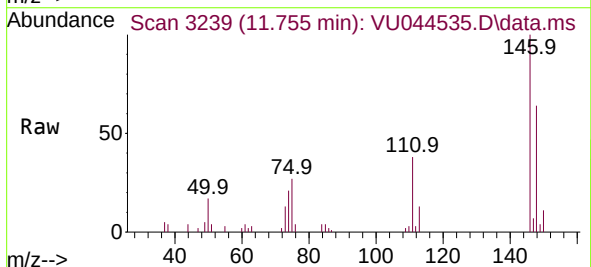
Instrument :  
MSVOA\_U  
ClientSampled :



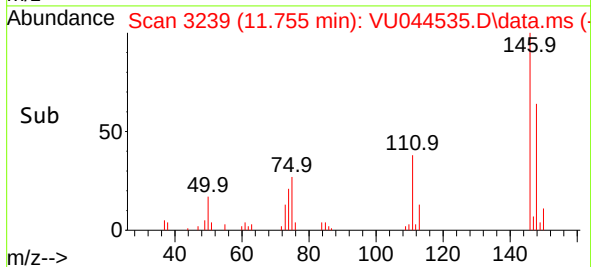
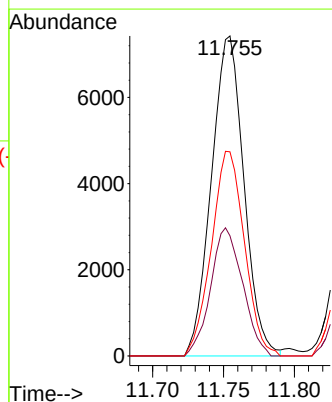
Tgt Ion:119 Resp: 19938  
Ion Ratio Lower Upper  
119 100  
134 27.1 21.1 31.7  
91 23.1 18.7 28.1

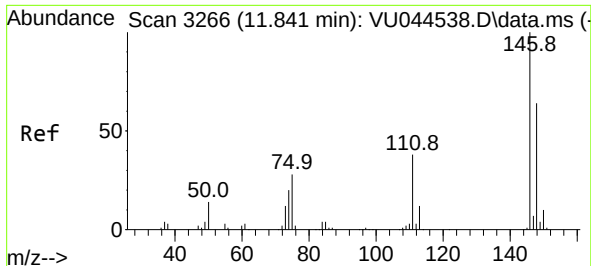


#82  
1,3-Dichlorobenzene  
Concen: 0.917 ug/l  
RT: 11.755 min Scan# 3239  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42



Tgt Ion:146 Resp: 11886  
Ion Ratio Lower Upper  
146 100  
111 39.3 32.2 48.2  
148 64.8 51.7 77.5

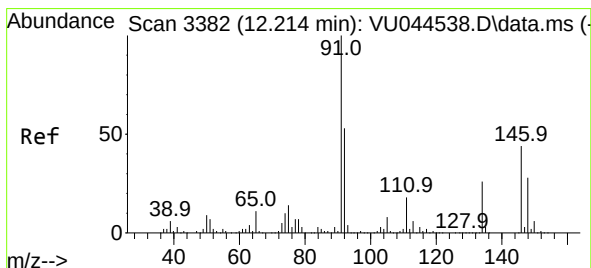
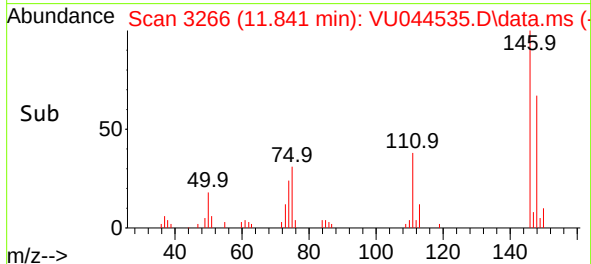
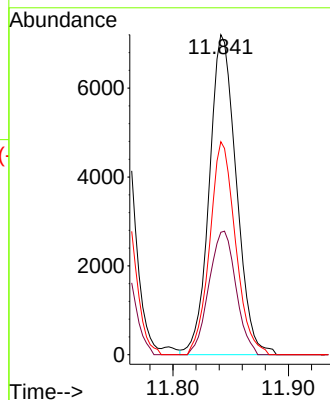
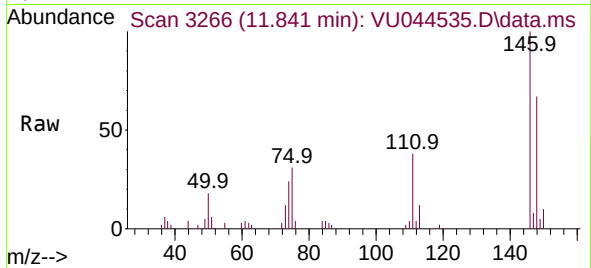




#83  
1,4-Dichlorobenzene  
Concen: 0.892 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

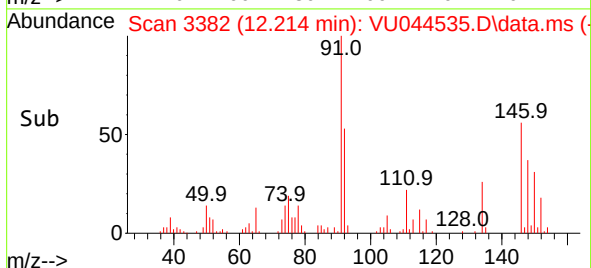
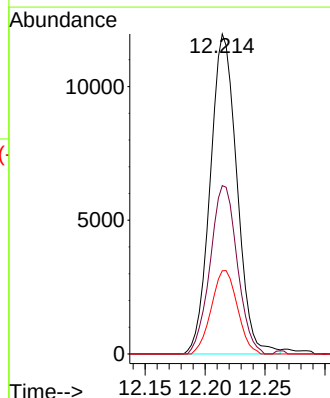
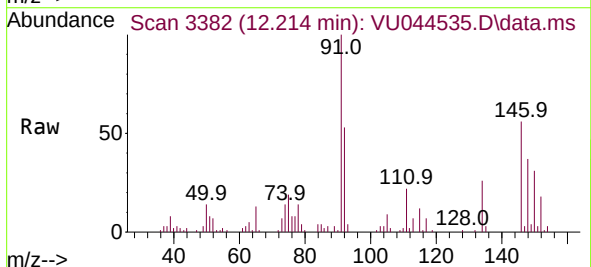
Instrument :  
MSVOA\_U  
ClientSampleId :

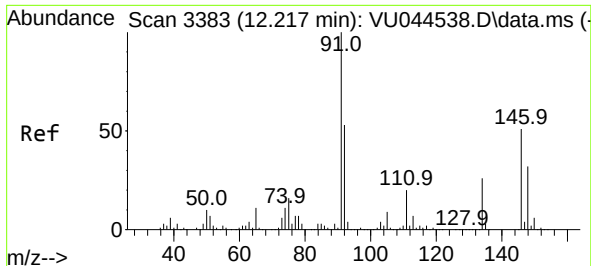
Tgt Ion:146 Resp: 11692  
Ion Ratio Lower Upper  
146 100  
111 38.5 30.5 45.7  
148 63.7 51.6 77.4



#84  
n-Butylbenzene  
Concen: 0.728 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 91 Resp: 18486  
Ion Ratio Lower Upper  
91 100  
92 53.4 42.6 63.8  
134 25.5 21.0 31.4

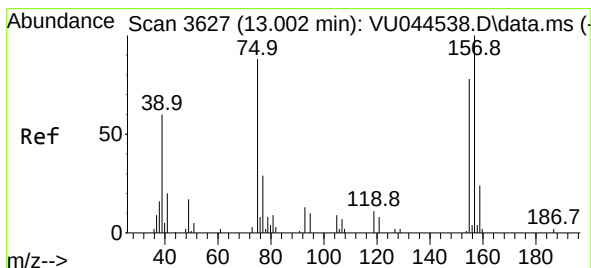
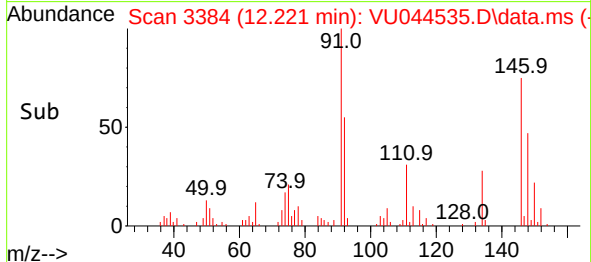
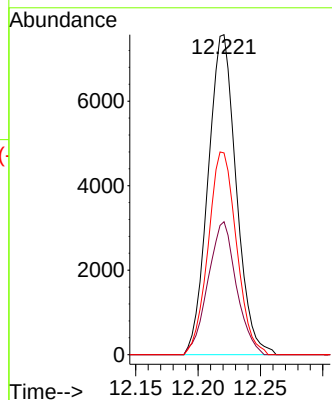
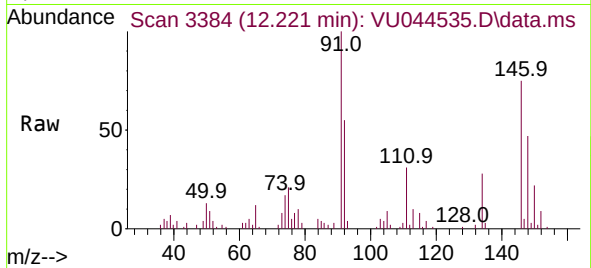




#85  
1,2-Dichlorobenzene  
Concen: 0.942 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

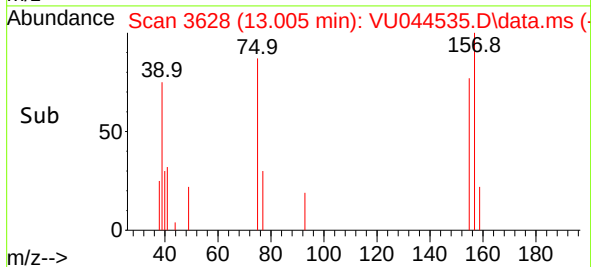
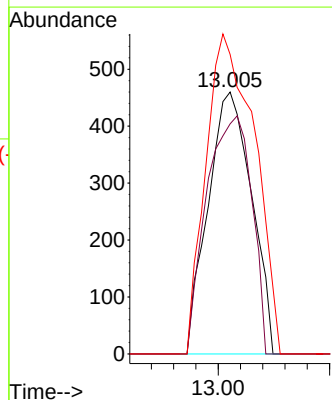
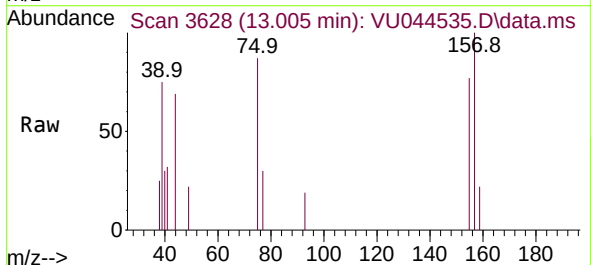
Instrument :  
MSVOA\_U  
ClientSampled :

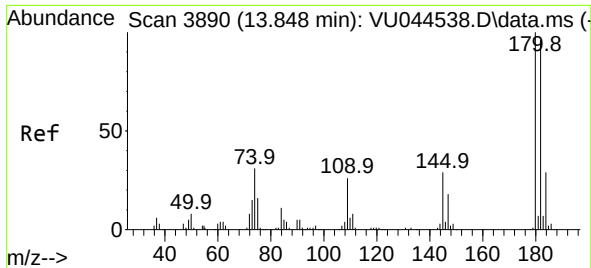
Tgt Ion:146 Resp: 11921  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.3 60.9  
148 63.7 31.9 95.5



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 0.606 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion: 75 Resp: 625  
Ion Ratio Lower Upper  
75 100  
155 93.9 68.1 102.1  
157 136.6 89.0 133.4#

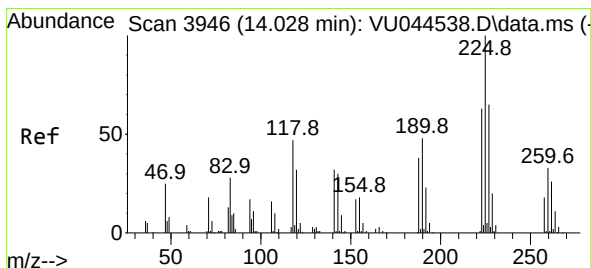
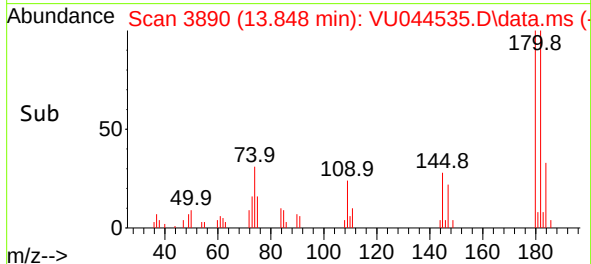
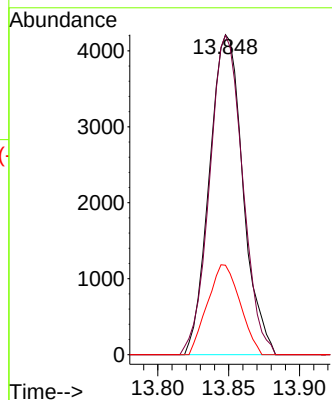
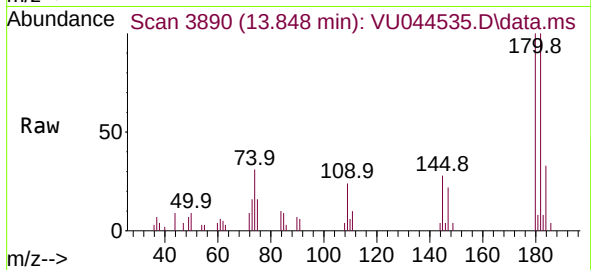




#87  
1,2,4-Trichlorobenzene  
Concen: 0.793 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

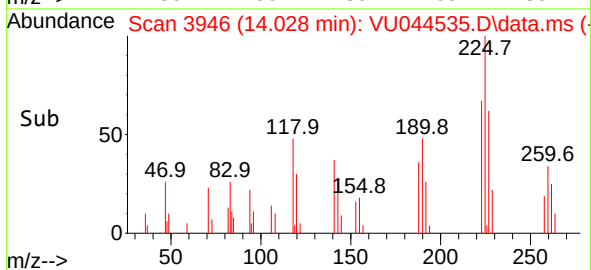
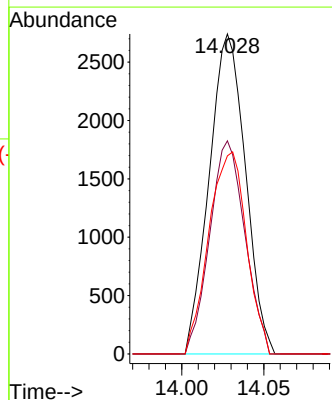
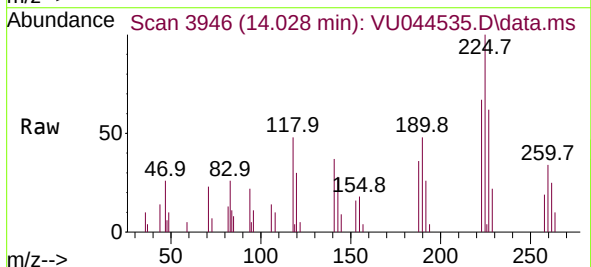
Instrument :  
MSVOA\_U  
ClientSampled :

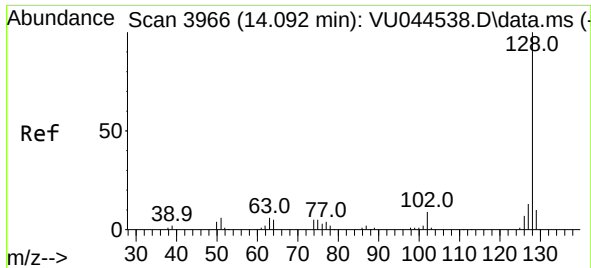
Tgt Ion:180 Resp: 6931  
Ion Ratio Lower Upper  
180 100  
182 98.1 77.1 115.7  
145 27.2 23.7 35.5



#88  
Hexachlorobutadiene  
Concen: 0.977 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Tgt Ion:225 Resp: 4205  
Ion Ratio Lower Upper  
225 100  
223 64.6 50.4 75.6  
227 65.6 51.4 77.2

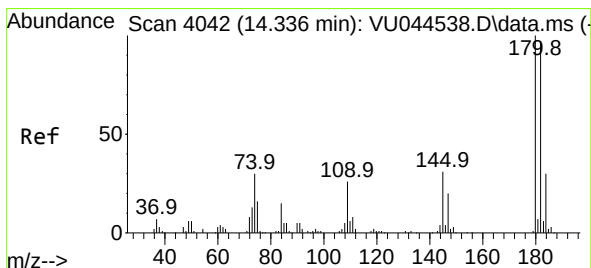
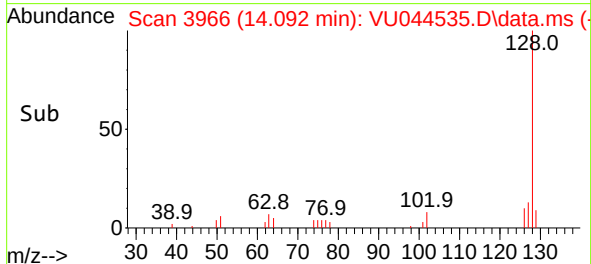
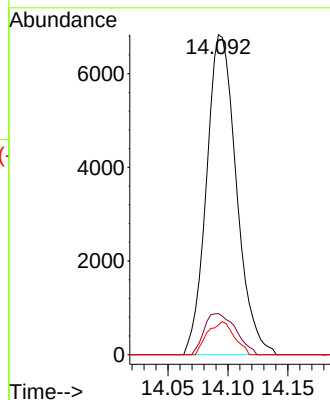
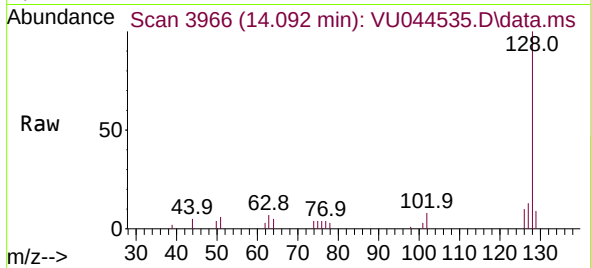




#89  
Naphthalene  
Concen: 0.682 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 11838 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.6  | 10.7  | 16.1  |
| 129      | 9.2   | 8.8   | 13.2  |



#90  
1,2,3-Trichlorobenzene  
Concen: 0.860 ug/l  
RT: 14.340 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU044535.D  
Acq: 31 Aug 2021 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 6898  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.4  | 77.0  | 115.6 |
| 145      | 28.9  | 25.2  | 37.8  |

