

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090821\  
 Data File : VU044600.D  
 Acq On : 08 Sep 2021 09:54  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 09 07:30:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 08 02:31:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 120244   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 122115   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 67760    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 39233    | 4.034    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.600%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 40623    | 4.806    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 17734    | 4.287    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.800%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 118668   | 44.122   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.240%  |
| 24) Chloroform-d              | 5.073  | 84    | 74091    | 4.309    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 42941    | 4.579    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%  |
| 32) Benzene-d6                | 5.735  | 84    | 161029   | 4.683    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 49140    | 4.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.400%  |
| 41) Toluene-d8                | 7.902  | 98    | 149933   | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.400%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 18332    | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.800%  |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 106084   | 49.655   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 46275    | 4.995    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 57282    | 5.004    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 52011    | 4.206    | ug/L   | 99       |
| 3) Chloromethane              | 1.520  | 50    | 56080    | 3.462    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.607  | 62    | 65067    | 4.345    | ug/L   | 97       |
| 6) Bromomethane               | 1.861  | 94    | 36713    | 4.510    | ug/L   | 99       |
| 8) Chloroethane               | 1.938  | 64    | 40658    | 4.441    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 81929    | 4.785    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587  | 101   | 47204    | 5.010    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.587  | 96    | 43941    | 4.755    | ug/L   | 84       |
| 13) Acetone                   | 2.645  | 43    | 71590    | 32.055   | ug/L   | 84       |
| 14) Carbon disulfide          | 2.800  | 76    | 128579   | 4.290    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.964  | 43    | 16257    | 4.457    | ug/L # | 89       |
| 16) Methylene chloride        | 3.054  | 84    | 52125    | 3.796    | ug/L   | 88       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73    | 106676   | 4.464    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96    | 46312    | 4.810    | ug/L   | 89       |
| 19) 1,1-Dichloroethane        | 3.877  | 63    | 80360    | 4.305    | ug/L   | 98       |
| 21) 2-Butanone                | 4.719  | 43    | 131575   | 41.342   | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 50061    | 4.863    | ug/L   | 92       |
| 23) Bromochloromethane        | 4.983  | 128   | 24025    | 5.294    | ug/L # | 81       |
| 25) Chloroform                | 5.095  | 83    | 97255    | 5.078    | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090821\  
 Data File : VU044600.D  
 Acq On : 08 Sep 2021 09:54  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

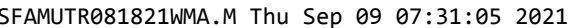
Instrument :  
 MSVOA\_U  
 ClientSampleId :

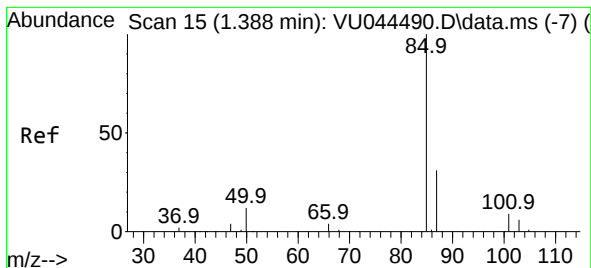
Quant Time: Sep 09 07:30:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 08 02:31:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 55109    | 4.314  | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 72674    | 4.755  | ug/L   | 98       |
| 30) Cyclohexane               | 5.398  | 56   | 68182    | 4.036  | ug/L   | 91       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 58094    | 4.626  | ug/L   | 99       |
| 33) Benzene                   | 5.780  | 78   | 190656   | 4.602  | ug/L   | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 49843    | 4.866  | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.771  | 83   | 78421    | 4.590  | ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 6.796  | 63   | 47030    | 4.335  | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.111  | 83   | 62346    | 4.680  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 68265    | 4.487  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.800  | 43   | 314063   | 42.636 | ug/L # | 94       |
| 42) Toluene                   | 7.976  | 91   | 210130   | 4.869  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 8.217  | 75   | 60695    | 4.707  | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 38621    | 4.992  | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.558  | 164  | 38658    | 5.458  | ug/L   | 93       |
| 48) 2-Hexanone                | 8.693  | 43   | 234123   | 44.543 | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.816  | 129  | 42648    | 5.209  | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 37417    | 5.056  | ug/L # | 100      |
| 51) Chlorobenzene             | 9.452  | 112  | 133799   | 5.052  | ug/L   | 95       |
| 52) Ethylbenzene              | 9.578  | 91   | 224547   | 4.925  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.700  | 106  | 89346    | 5.213  | ug/L   | 95       |
| 54) o-Xylene                  | 10.105 | 106  | 86038    | 5.153  | ug/L   | 97       |
| 55) Styrene                   | 10.118 | 104  | 151606   | 5.539  | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 49626    | 4.872  | ug/L   | 97       |
| 59) Bromoform                 | 10.298 | 173  | 24040    | 5.022  | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.491 | 105  | 226025   | 4.571  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 10.828 | 75   | 35384    | 4.179  | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 187417   | 4.635  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 193359   | 4.663  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 110233   | 5.076  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 112139   | 5.112  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 104552   | 5.052  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 7619     | 4.399  | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 81847    | 5.354  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 67366    | 5.622  | ug/L   | 98       |
| 71) Naphthalene               | 14.092 | 128  | 114580   | 5.015  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 61837    | 5.636  | ug/L   | 99       |

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

Quant Time: Sep 09 07:30:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 08 02:31:37 2021  
Response via : Initial Calibration

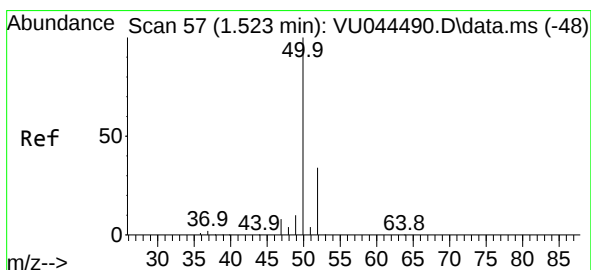
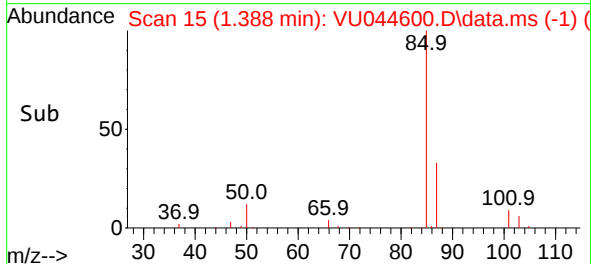
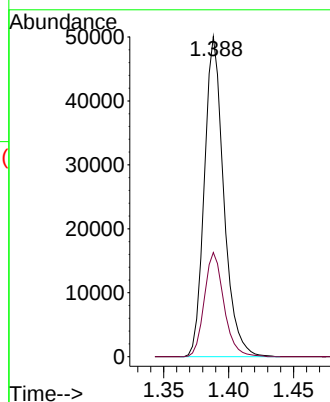
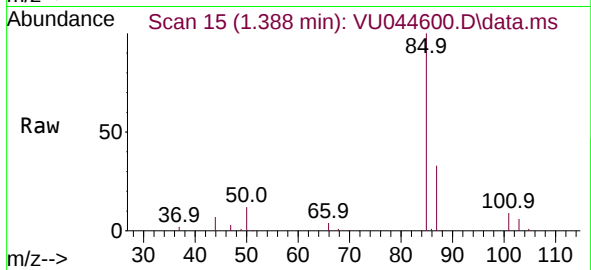




#2  
Dichlorodifluoromethane  
Concen: 4.206 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

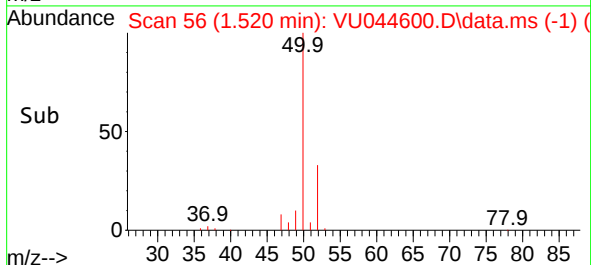
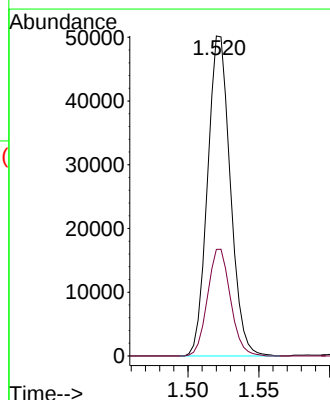
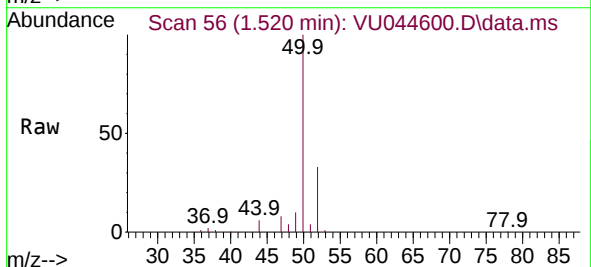
Instrument :  
MSVOA\_U  
ClientSampled :

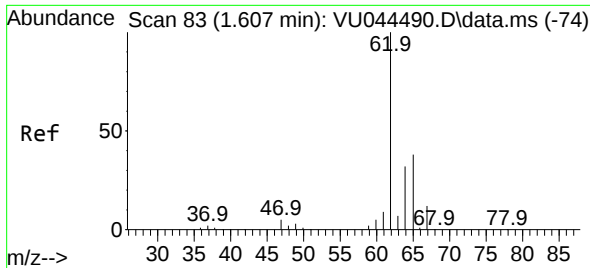
Tgt Ion: 85 Resp: 52011  
Ion Ratio Lower Upper  
85 100  
87 32.9 25.7 38.5



#3  
Chloromethane  
Concen: 3.462 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 50 Resp: 56080  
Ion Ratio Lower Upper  
50 100  
52 33.3 22.8 42.4

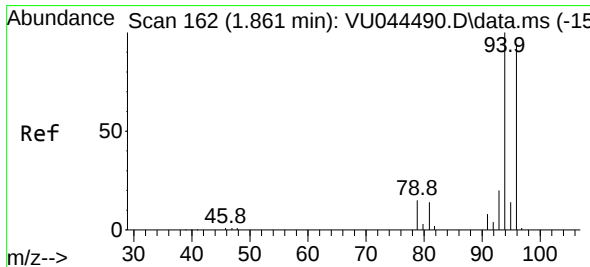
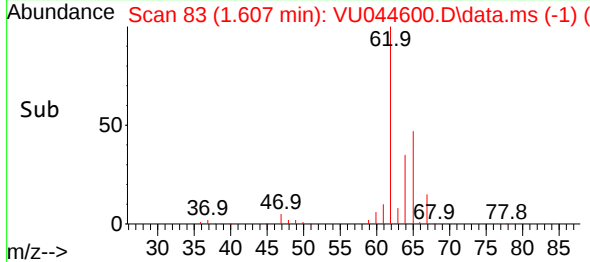
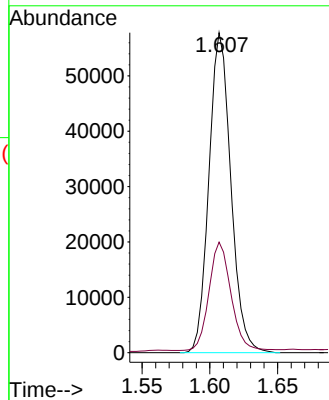
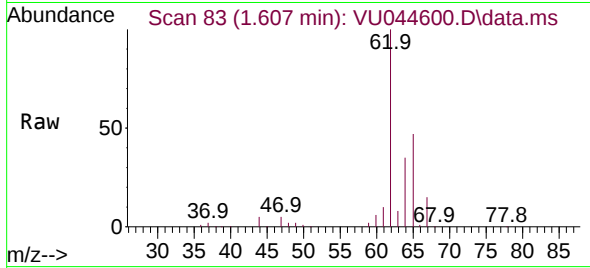




#5  
 Vinyl chloride  
 Concen: 4.345 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

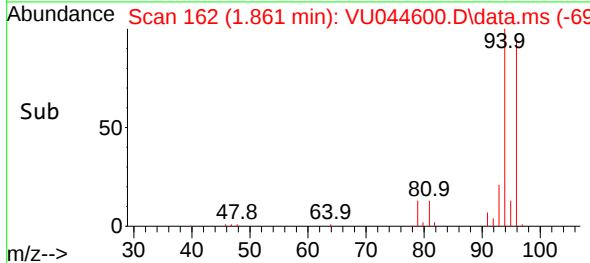
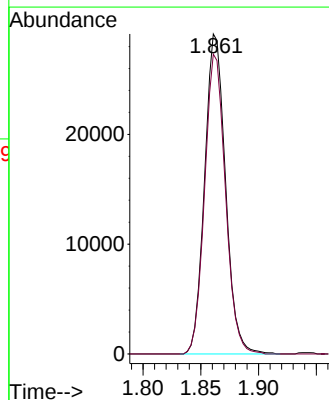
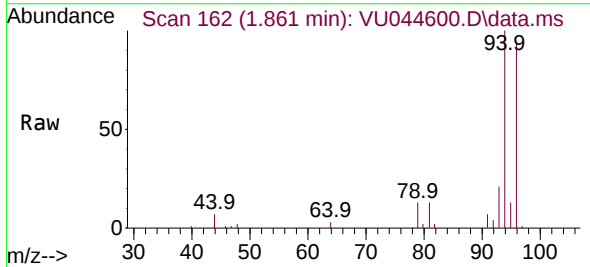
Instrument :  
 MSVOA\_U  
 ClientSampled :

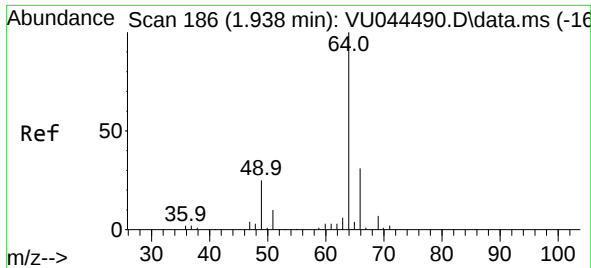
Tgt Ion: 62 Resp: 65067  
 Ion Ratio Lower Upper  
 62 100  
 64 34.5 23.2 43.0



#6  
 Bromomethane  
 Concen: 4.510 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

Tgt Ion: 94 Resp: 36713  
 Ion Ratio Lower Upper  
 94 100  
 96 93.7 65.2 121.2

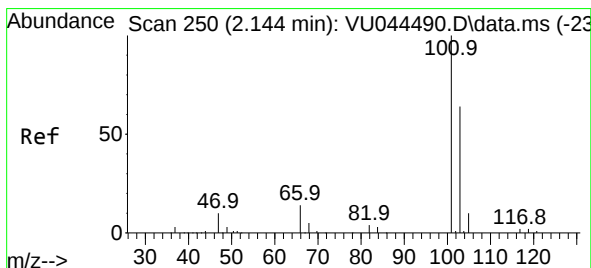
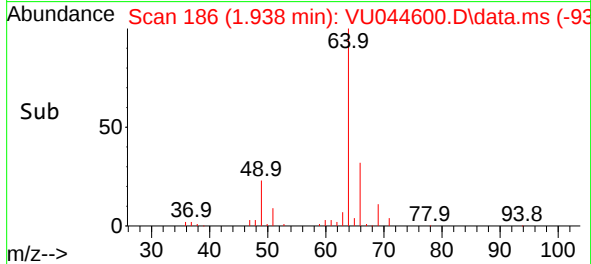
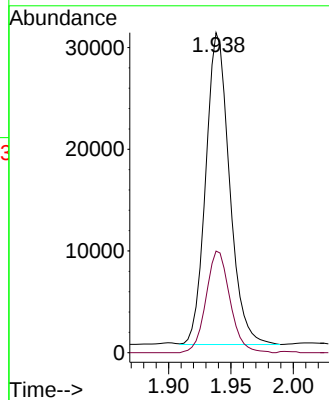
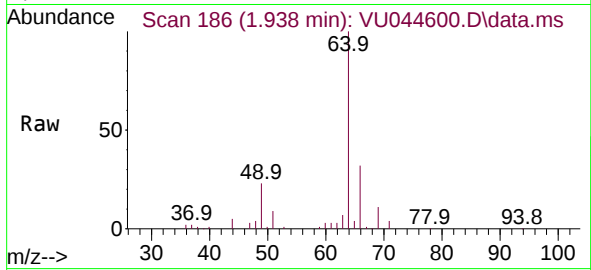




#8  
Chloroethane  
Concen: 4.441 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

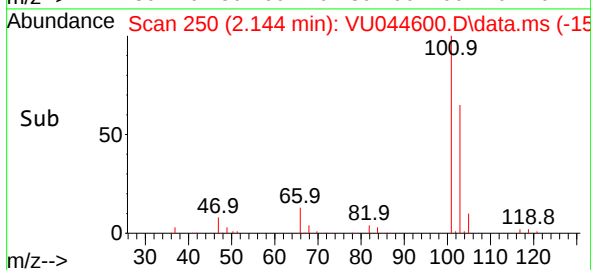
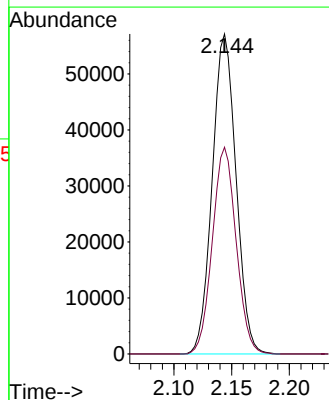
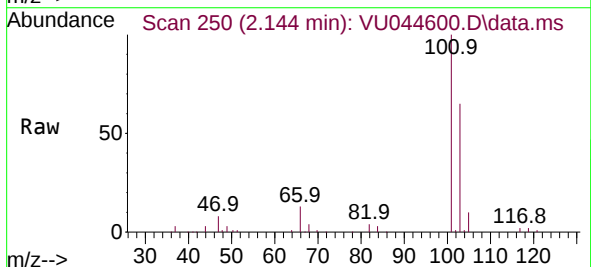
Instrument :  
MSVOA\_U  
ClientSampled :

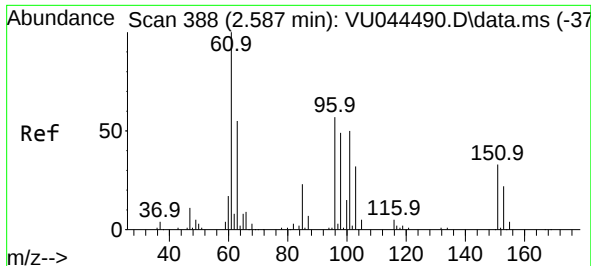
Tgt Ion: 64 Resp: 40658  
Ion Ratio Lower Upper  
64 100  
66 31.7 21.3 39.5



#9  
Trichlorofluoromethane  
Concen: 4.785 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:101 Resp: 81929  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.6 77.4

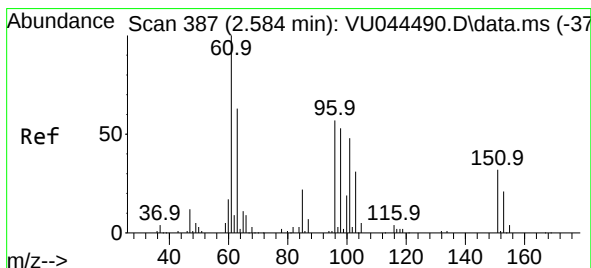
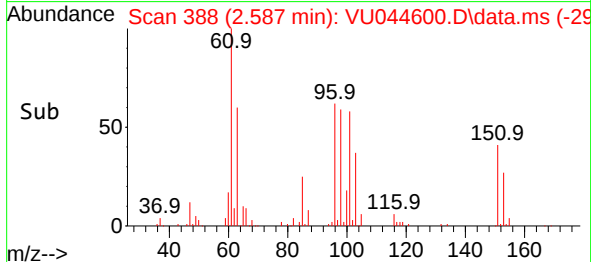
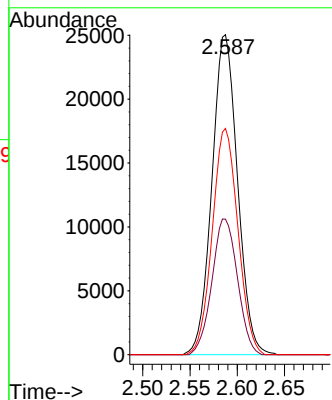
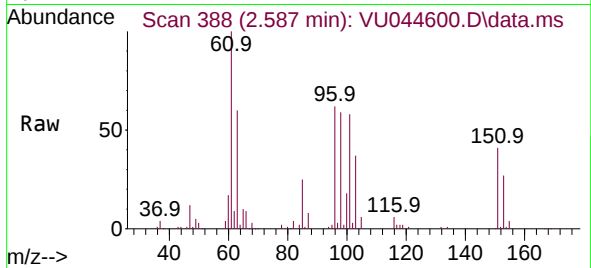




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.010 ug/L  
 RT: 2.587 min Scan# 388  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

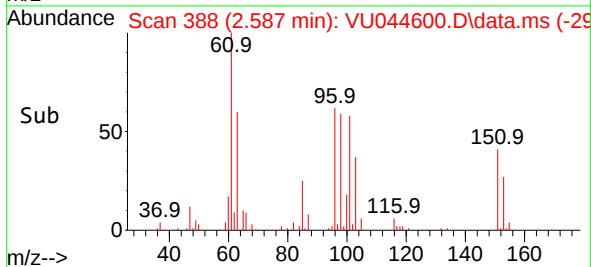
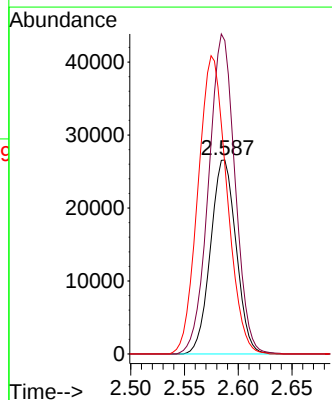
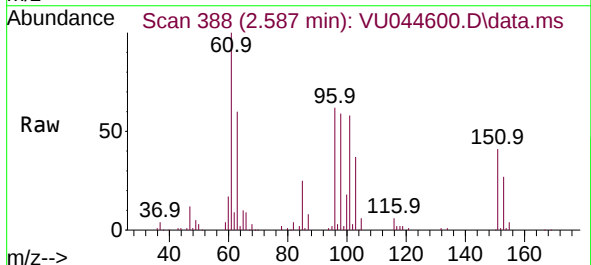
Instrument :  
 MSVOA\_U  
 ClientSampleId :

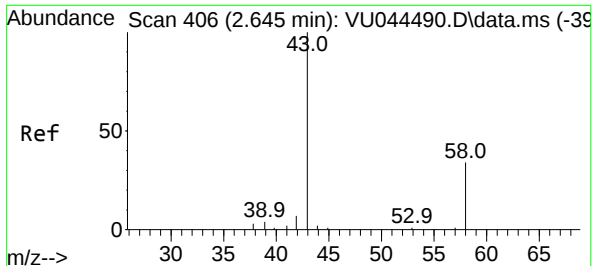
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 47204 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 42.3  | 35.3  | 52.9  |
| 151      | 70.8  | 53.0  | 79.6  |



#12  
 1,1-Dichloroethene  
 Concen: 4.755 ug/L  
 RT: 2.587 min Scan# 388  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 43941 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 161.5 | 126.1 | 234.3 |
| 63       | 97.4  | 84.8  | 157.6 |

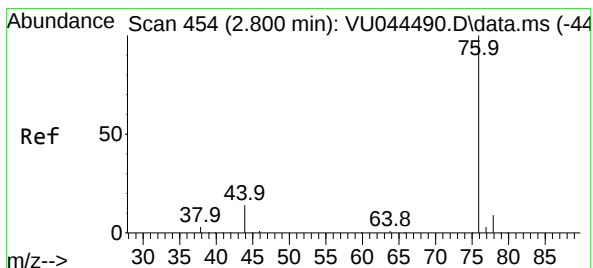
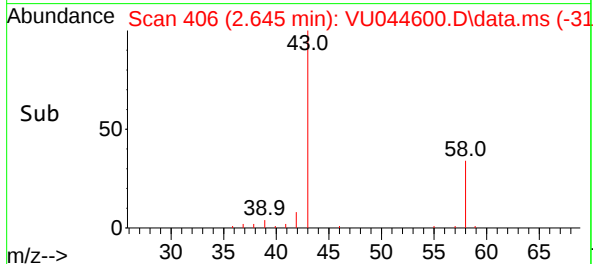
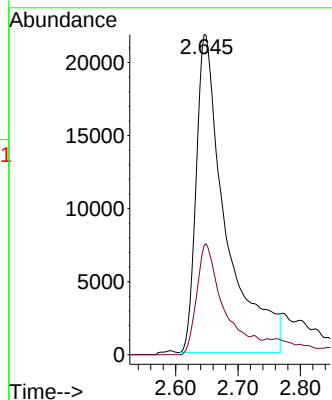
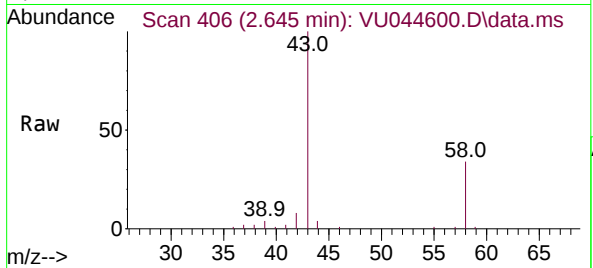




#13  
Acetone  
Concen: 32.055 ug/L  
RT: 2.645 min Scan# 406  
Delta R.T. -0.003 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

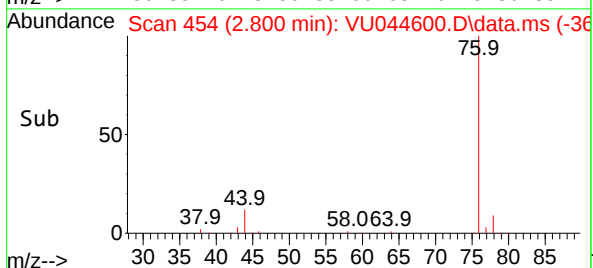
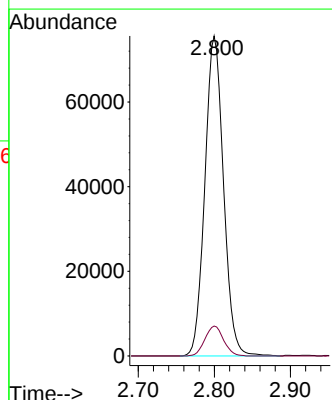
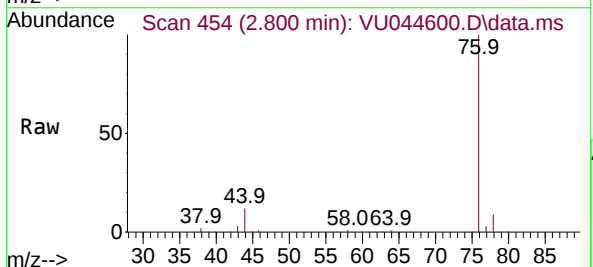
Instrument :  
MSVOA\_U  
ClientSampled :

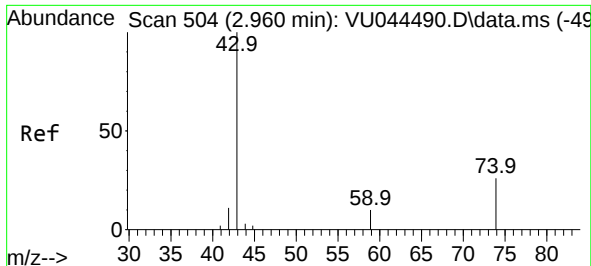
Tgt Ion: 43 Resp: 71590  
Ion Ratio Lower Upper  
43 100  
58 30.5 0.0 45.4



#14  
Carbon disulfide  
Concen: 4.290 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 76 Resp: 128579  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8

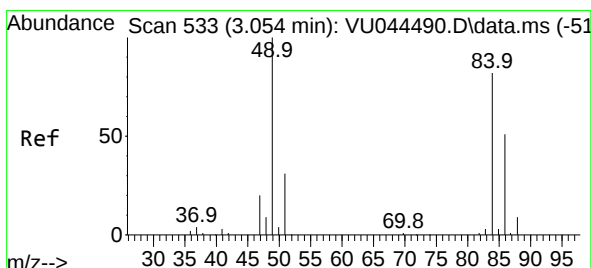
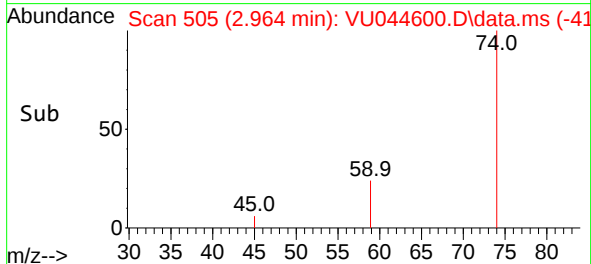
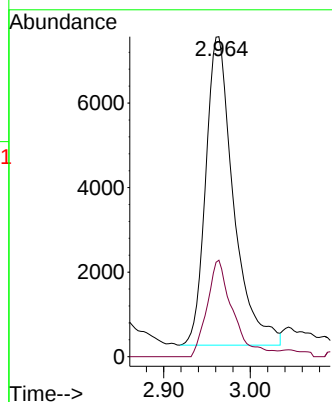
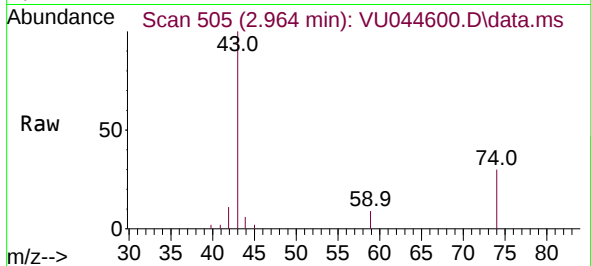




#15  
Methyl Acetate  
Concen: 4.457 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

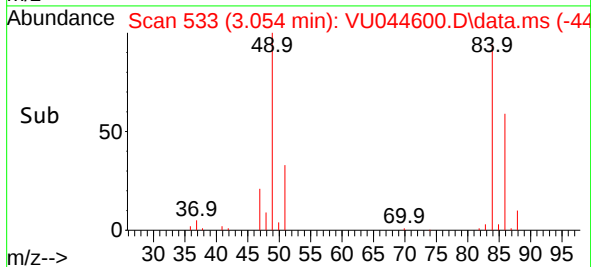
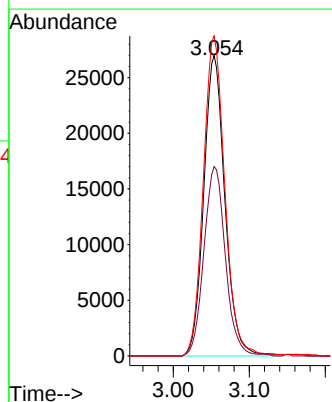
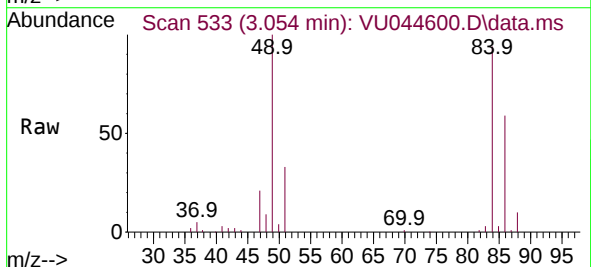
Instrument :  
MSVOA\_U  
ClientSampled :

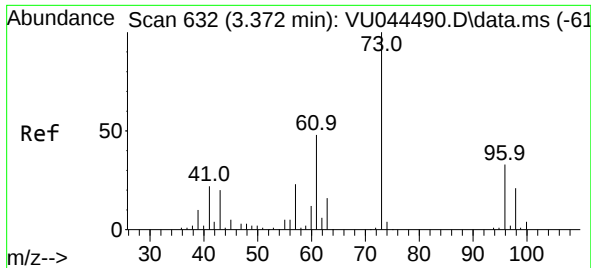
Tgt Ion: 43 Resp: 16257  
Ion Ratio Lower Upper  
43 100  
74 29.3 19.0 28.4#



#16  
Methylene chloride  
Concen: 3.796 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 84 Resp: 52125  
Ion Ratio Lower Upper  
84 100  
86 63.1 45.2 84.0  
49 106.5 88.8 165.0

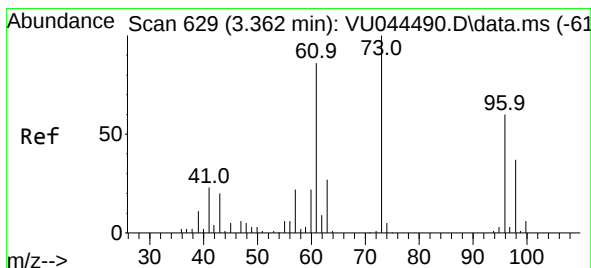
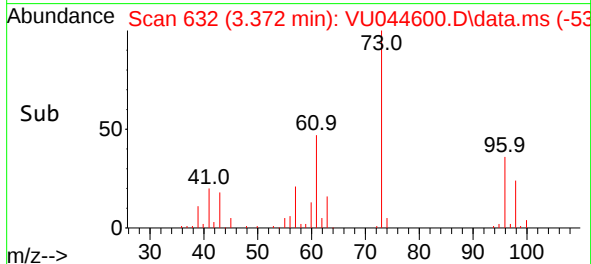
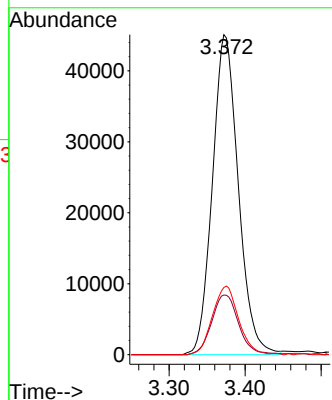
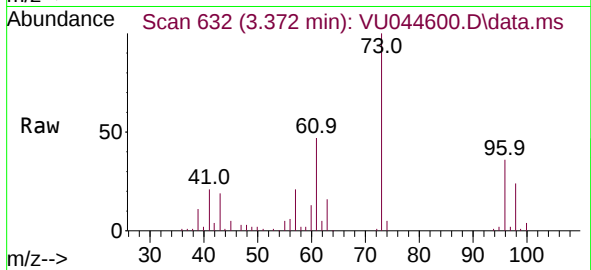




#17  
Methyl tert-butyl Ether  
Concen: 4.464 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

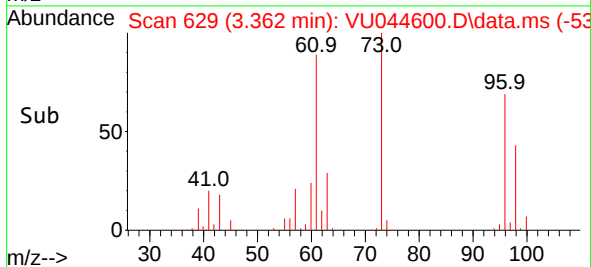
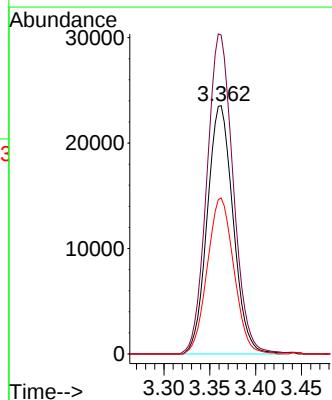
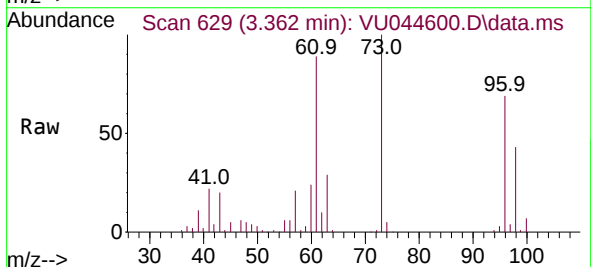
Instrument :  
MSVOA\_U  
ClientSampled :

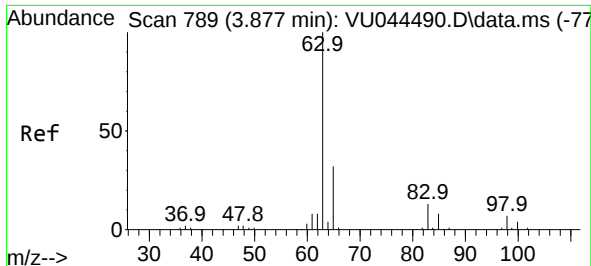
Tgt Ion: 73 Resp: 106676  
Ion Ratio Lower Upper  
73 100  
43 19.5 16.2 24.4  
57 21.6 17.8 26.8



#18  
trans-1,2-Dichloroethene  
Concen: 4.810 ug/L  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 96 Resp: 46312  
Ion Ratio Lower Upper  
96 100  
61 128.4 103.7 192.5  
98 62.8 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.305 ug/L

RT: 3.877 min Scan# 789

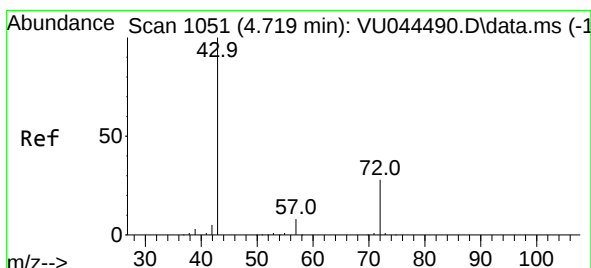
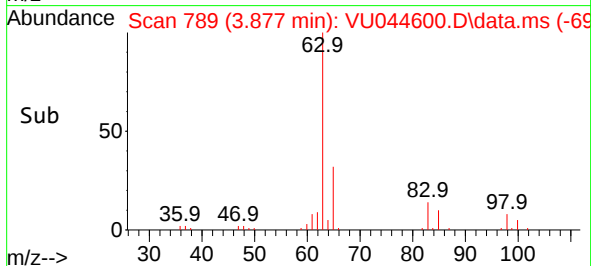
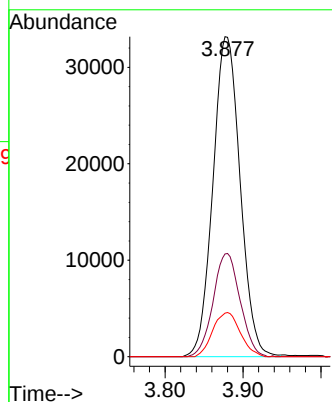
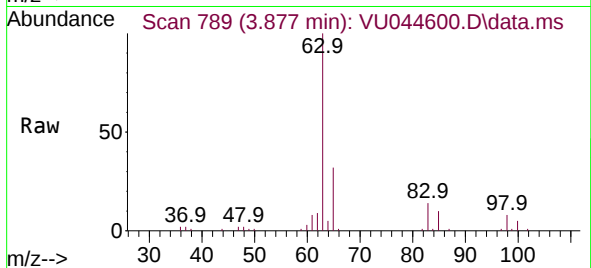
Delta R.T. -0.003 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 80360 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.1  | 23.4  | 43.6  |
| 83       | 13.6  | 9.0   | 16.6  |

Instrument :  
MSVOA\_U  
ClientSampled :



#21

2-Butanone

Concen: 41.342 ug/L

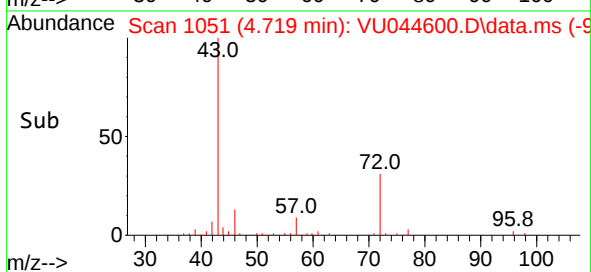
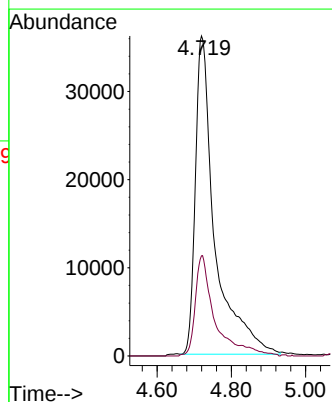
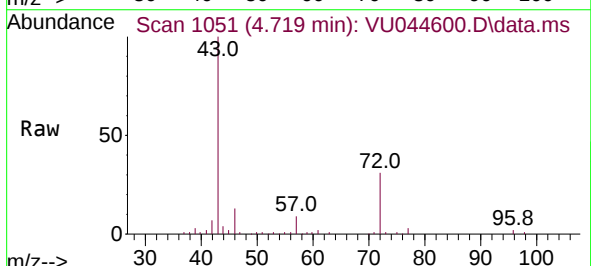
RT: 4.719 min Scan# 1051

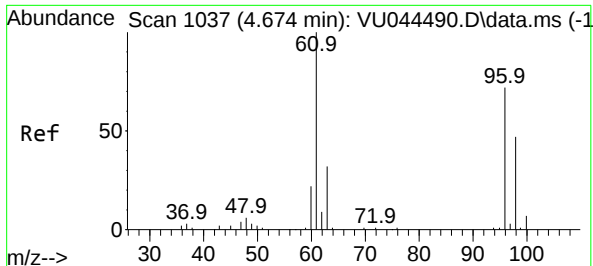
Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 131575 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 72       | 29.0  | 14.1  | 42.4   |

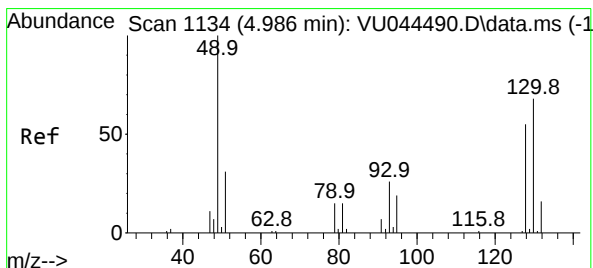
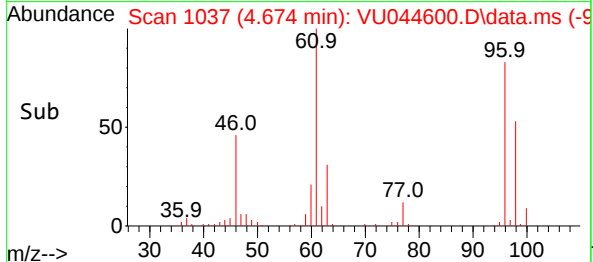
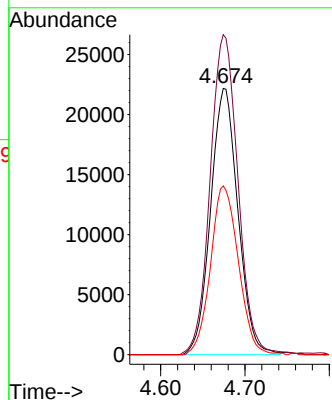
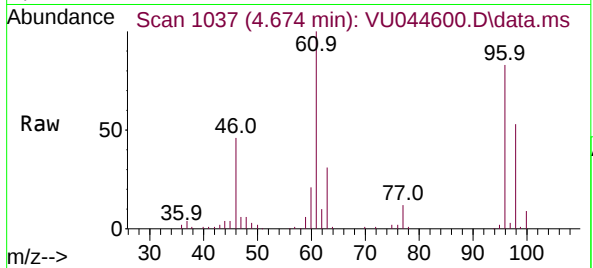




#22  
cis-1,2-Dichloroethene  
Concen: 4.863 ug/L  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

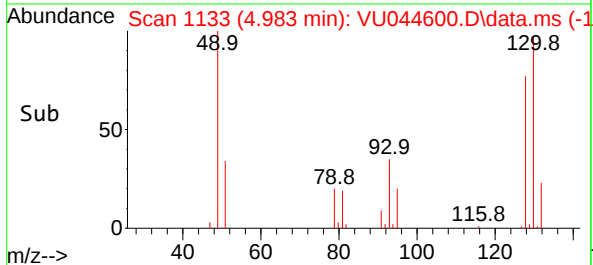
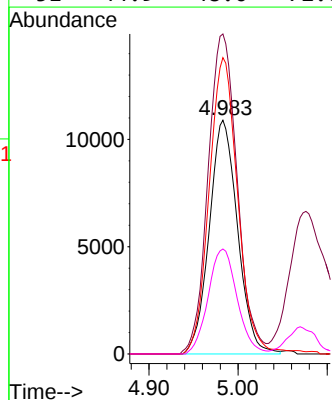
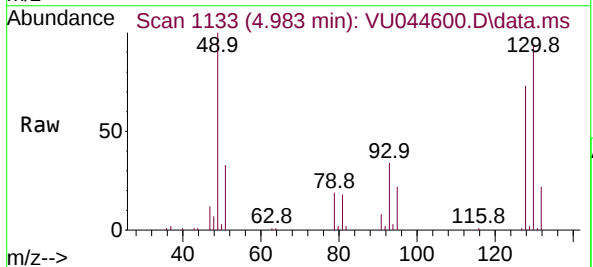
Instrument :  
MSVOA\_U  
ClientSampled :

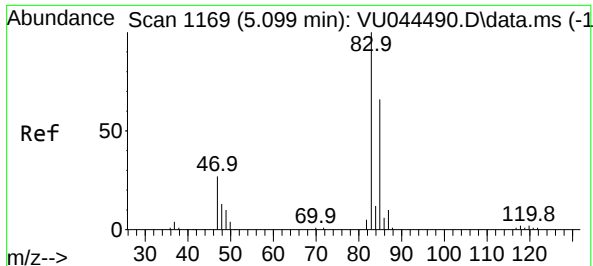
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 50061 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 120.2 | 93.9  | 174.5 |
| 98       | 63.4  | 44.7  | 83.1  |



#23  
Bromochloromethane  
Concen: 5.294 ug/L  
RT: 4.983 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 24025 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 136.9 | 128.1 | 237.9 |
| 130      | 126.7 | 89.2  | 165.8 |
| 51       | 44.9  | 48.0  | 72.0# |





#25

Chloroform

Concen: 5.078 ug/L

RT: 5.095 min Scan# 1168

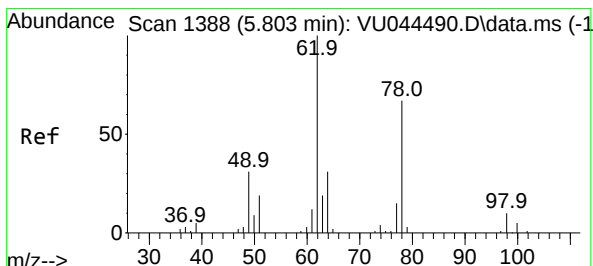
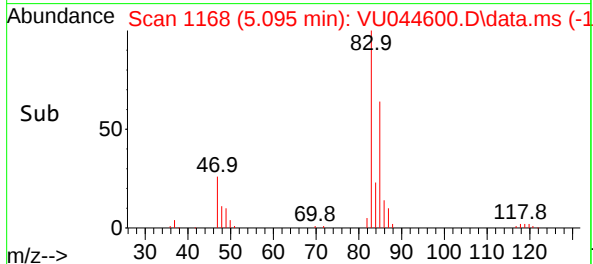
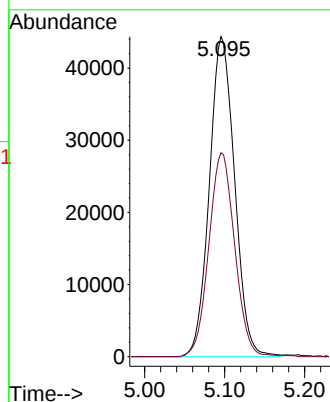
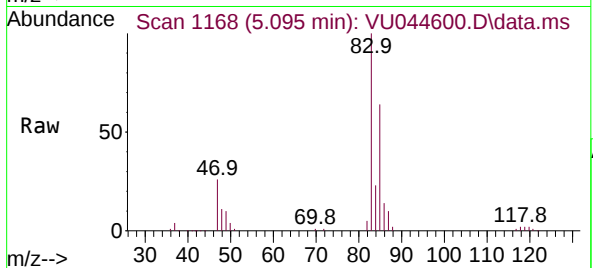
Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 83 Resp: 97255  
Ion Ratio Lower Upper  
83 100  
85 63.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.314 ug/L

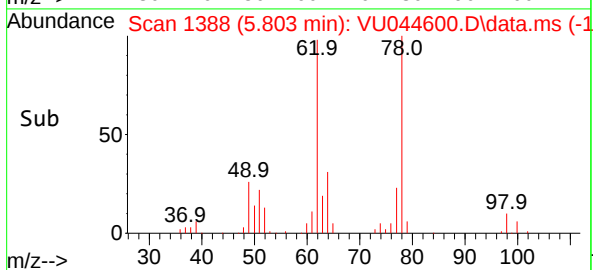
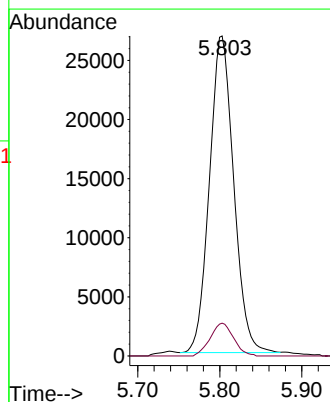
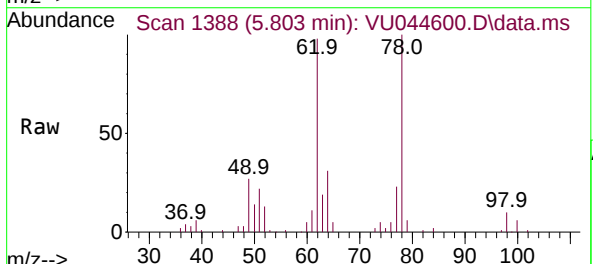
RT: 5.803 min Scan# 1388

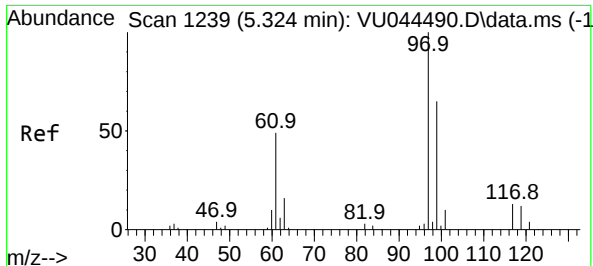
Delta R.T. 0.003 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

Tgt Ion: 62 Resp: 55109  
Ion Ratio Lower Upper  
62 100  
98 10.3 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.755 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

Tgt Ion: 97 Resp: 72674

Ion Ratio Lower Upper

97 100

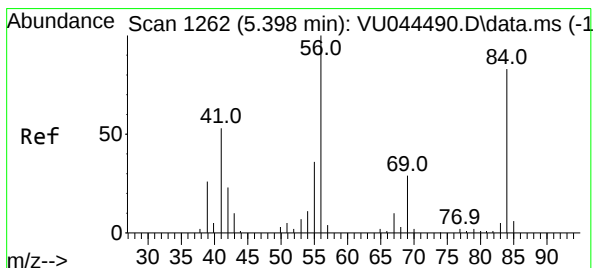
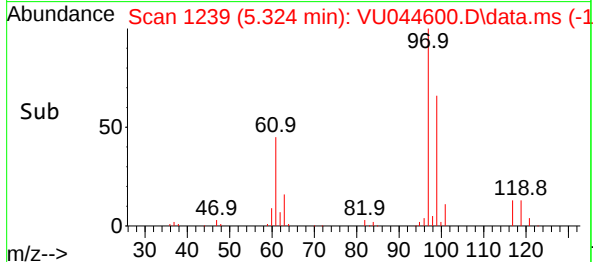
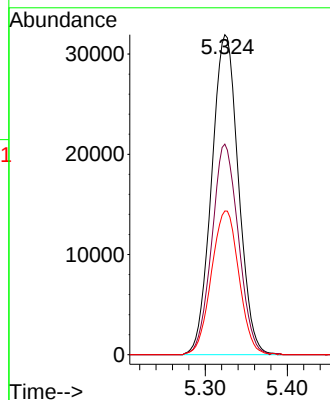
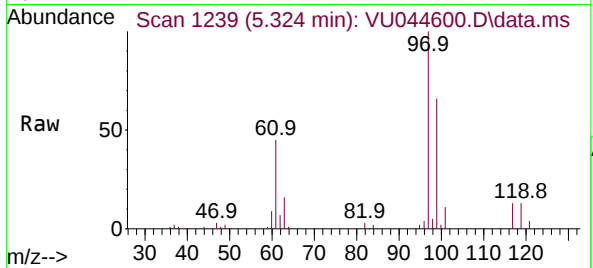
99 65.3 52.5 78.7

61 46.2 39.2 58.8

Instrument :

MSVOA\_U

ClientSampled :



#30

Cyclohexane

Concen: 4.036 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

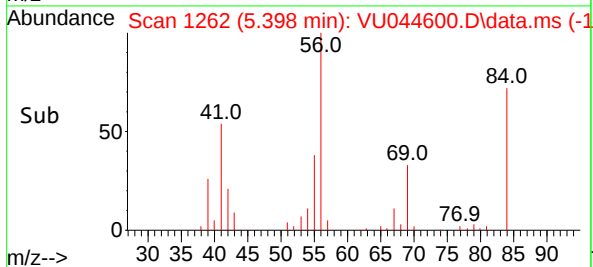
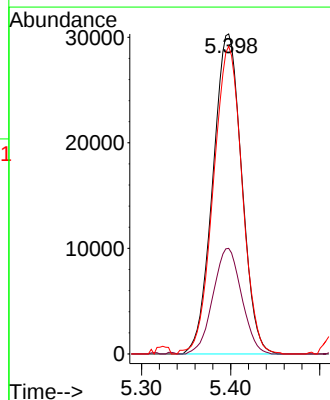
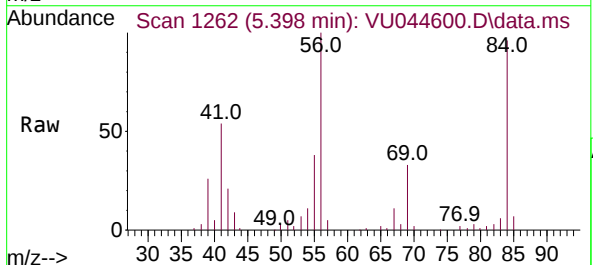
Tgt Ion: 56 Resp: 68182

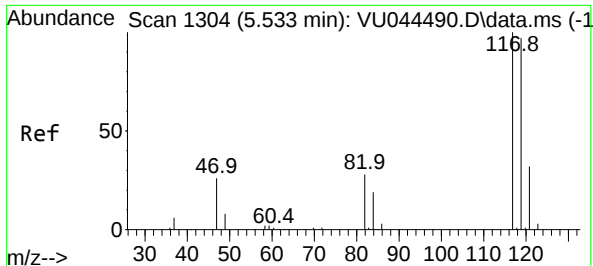
Ion Ratio Lower Upper

56 100

69 32.7 24.3 36.5

84 95.8 68.4 102.6

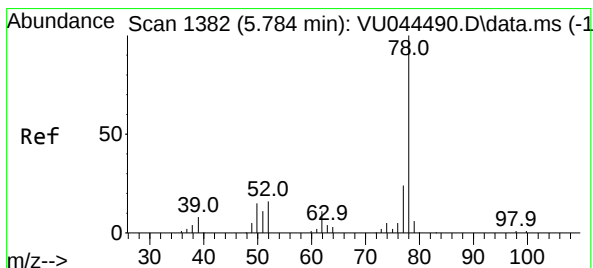
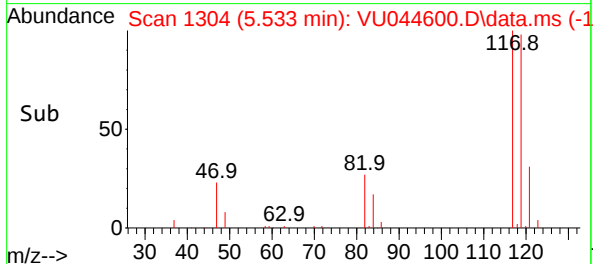
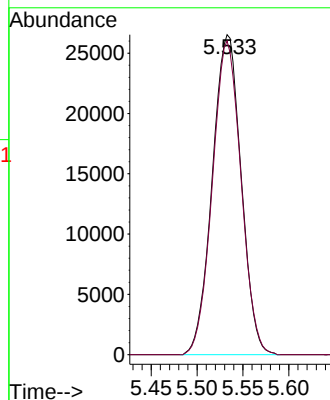
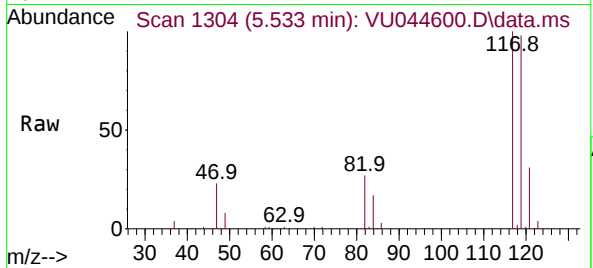




#31  
Carbon tetrachloride  
Concen: 4.626 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

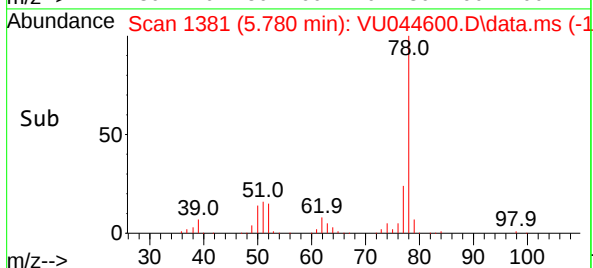
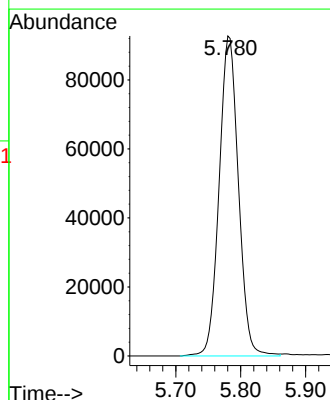
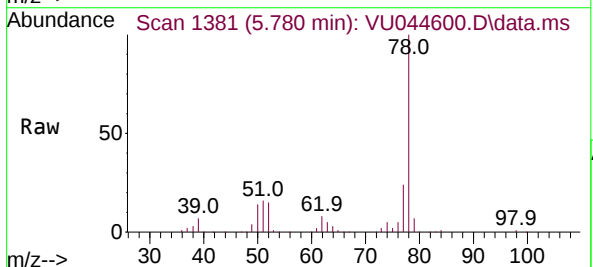
Instrument :  
MSVOA\_U  
ClientSampled :

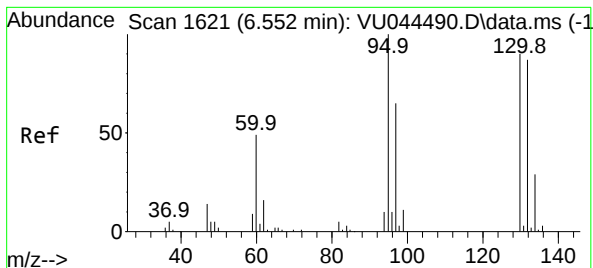
Tgt Ion:117 Resp: 58094  
Ion Ratio Lower Upper  
117 100  
119 97.1 76.6 114.8



#33  
Benzene  
Concen: 4.602 ug/L  
RT: 5.780 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 78 Resp: 190656





#34

Trichloroethene

Concen: 4.866 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

Tgt Ion: 95 Resp: 49843

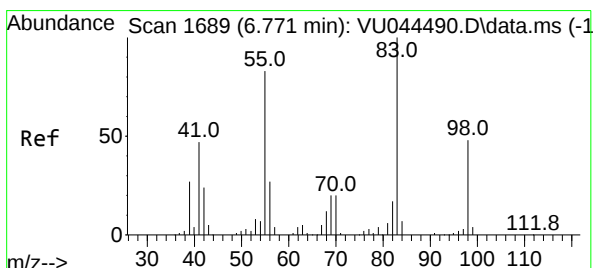
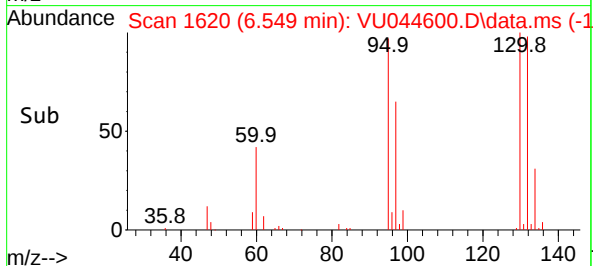
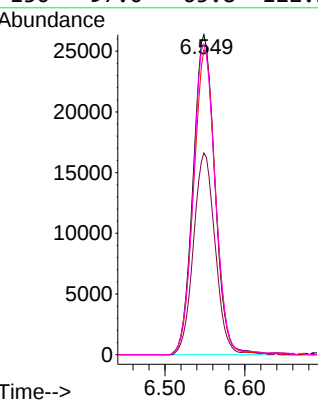
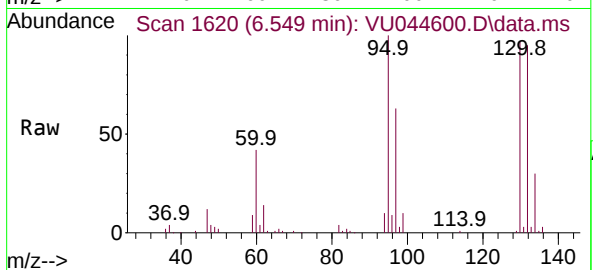
Ion Ratio Lower Upper

95 100

97 63.0 45.6 84.8

132 95.2 63.4 117.8

130 97.0 65.8 122.2



#35

Methylcyclohexane

Concen: 4.590 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

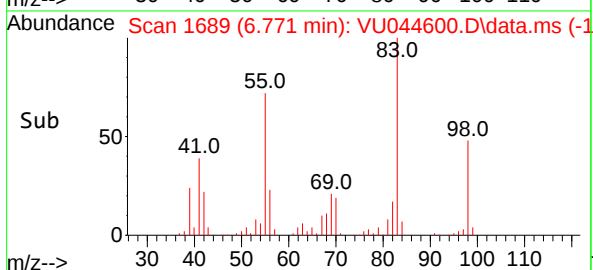
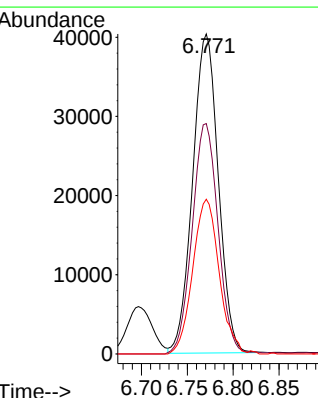
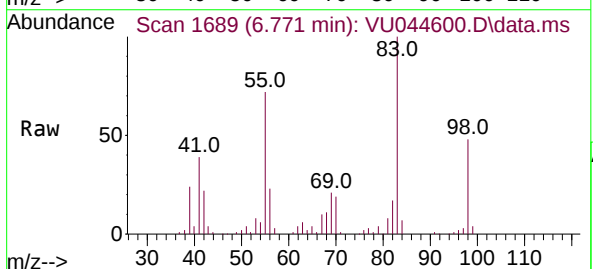
Tgt Ion: 83 Resp: 78421

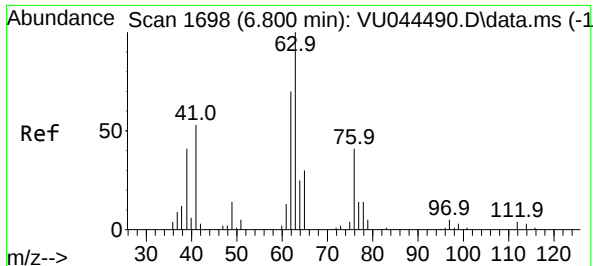
Ion Ratio Lower Upper

83 100

55 73.2 64.8 97.2

98 49.8 37.5 56.3



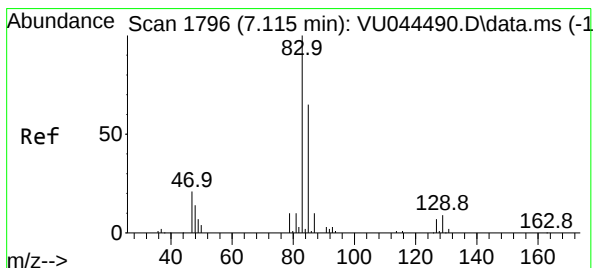
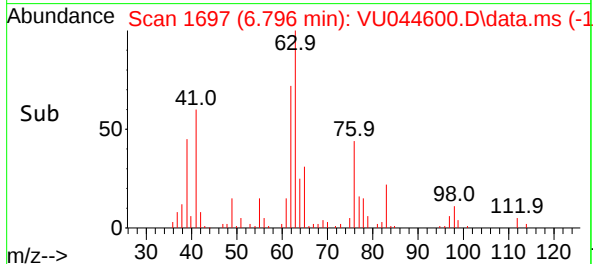
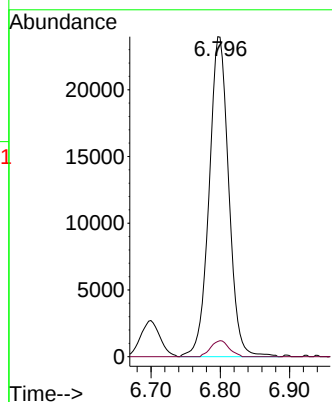
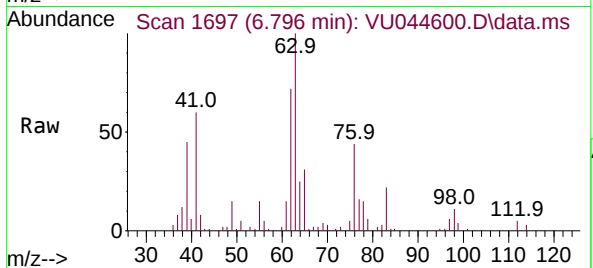


#37

1,2-Dichloropropane  
Concen: 4.335 ug/L  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Instrument :  
MSVOA\_U  
ClientSampled :

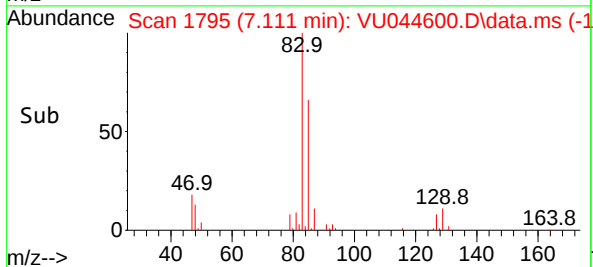
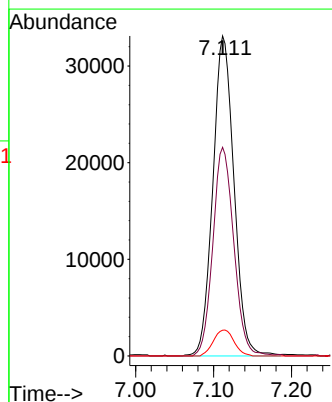
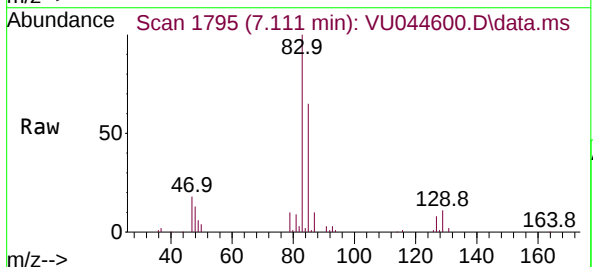
Tgt Ion: 63 Resp: 47030  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.3 4.9

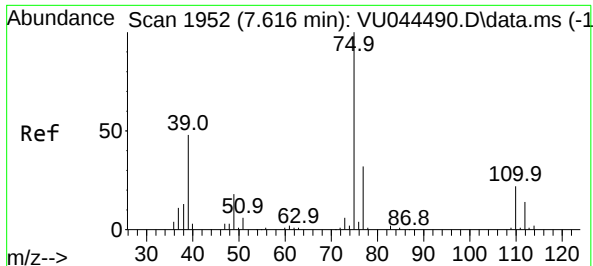


#38

Bromodichloromethane  
Concen: 4.680 ug/L  
RT: 7.111 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 83 Resp: 62346  
Ion Ratio Lower Upper  
83 100  
85 65.2 44.6 82.8  
127 8.1 5.9 8.9

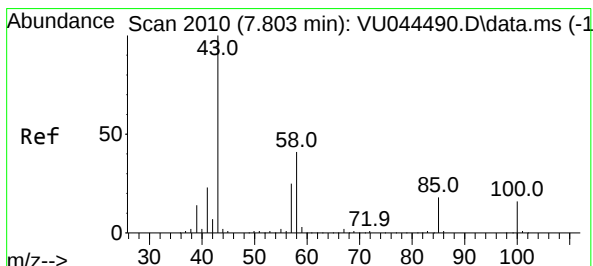
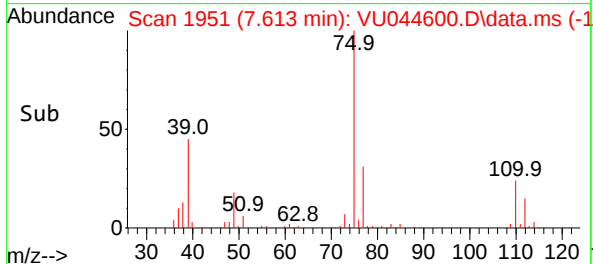
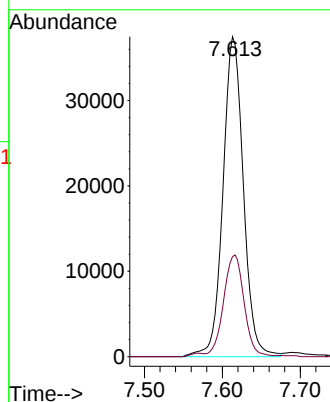
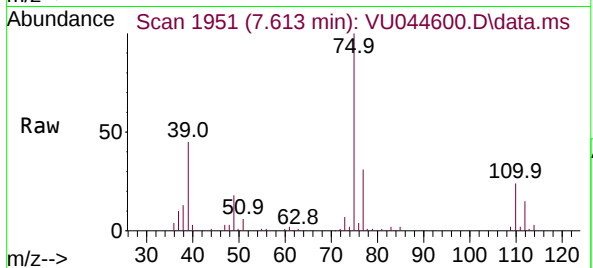




#39  
 cis-1,3-Dichloropropene  
 Concen: 4.487 ug/L  
 RT: 7.613 min Scan# 1951  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

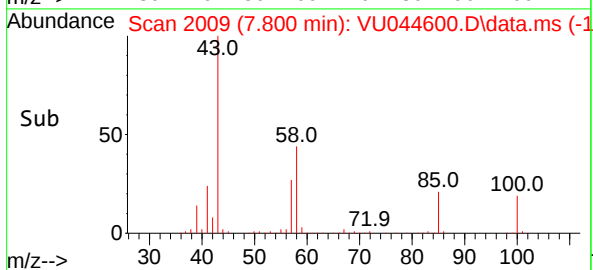
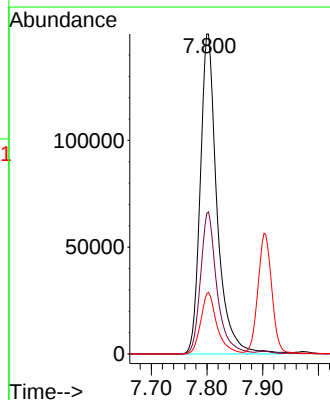
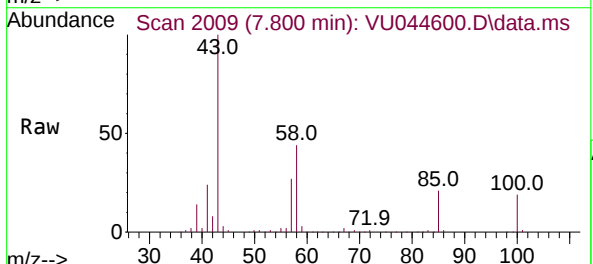
Instrument :  
 MSVOA\_U  
 ClientSampled :

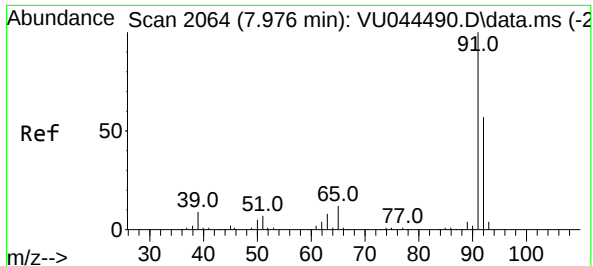
Tgt Ion: 75 Resp: 68265  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 22.2 41.2



#40  
 4-Methyl-2-pentanone  
 Concen: 42.636 ug/L  
 RT: 7.800 min Scan# 2009  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

Tgt Ion: 43 Resp: 314063  
 Ion Ratio Lower Upper  
 43 100  
 58 43.6 32.5 48.7  
 100 18.6 12.3 18.5#

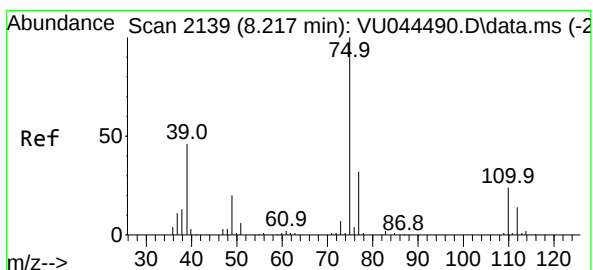
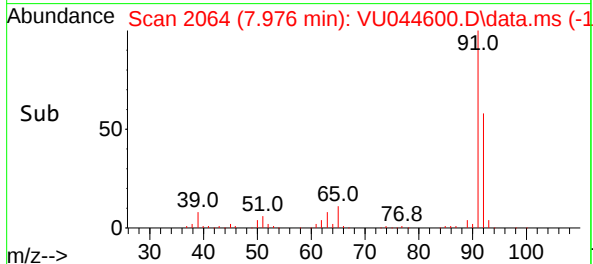
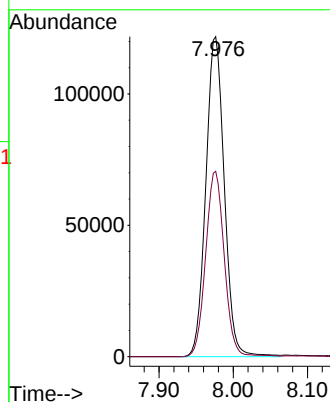
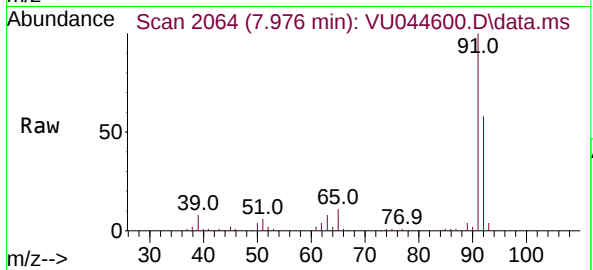




#42  
Toluene  
Concen: 4.869 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

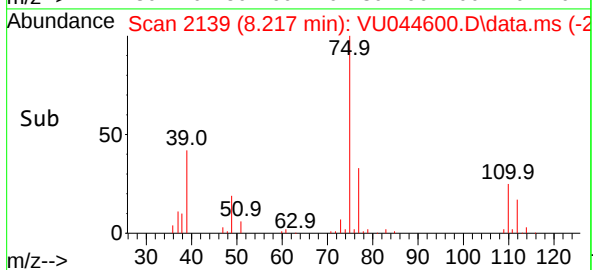
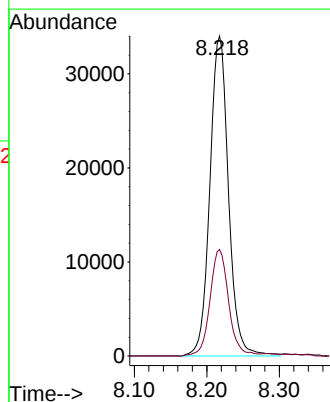
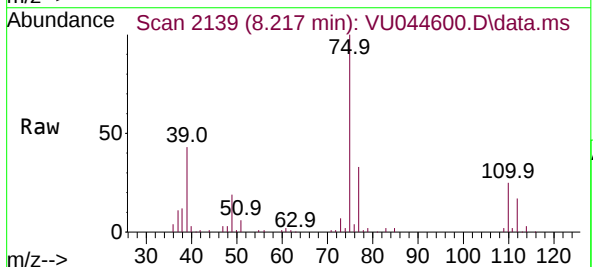
Instrument :  
MSVOA\_U  
ClientSampled :

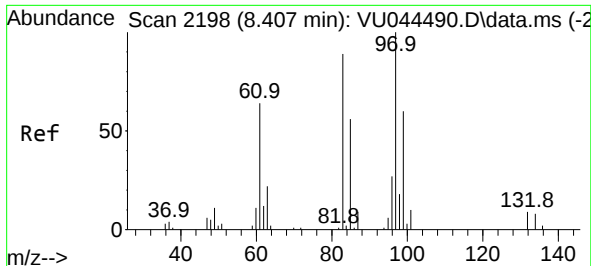
Tgt Ion: 91 Resp: 210130  
Ion Ratio Lower Upper  
91 100  
92 58.0 40.7 75.5



#44  
trans-1,3-Dichloropropene  
Concen: 4.707 ug/L  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 75 Resp: 60695  
Ion Ratio Lower Upper  
75 100  
77 33.2 21.6 40.2

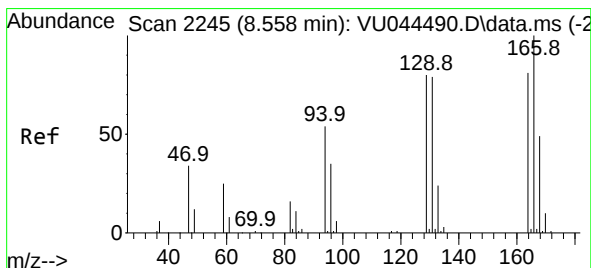
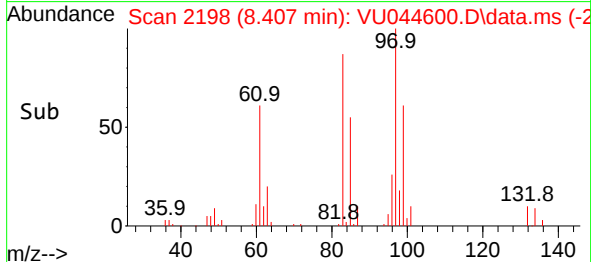
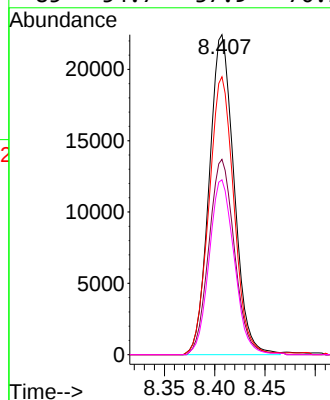
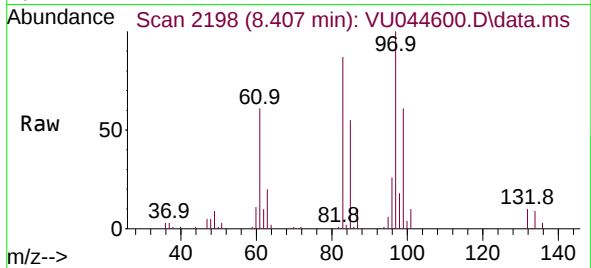




#45  
1,1,2-Trichloroethane  
Concen: 4.992 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.003 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

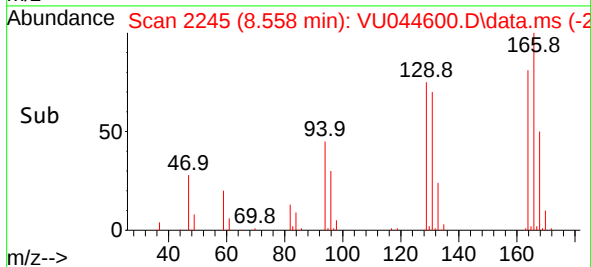
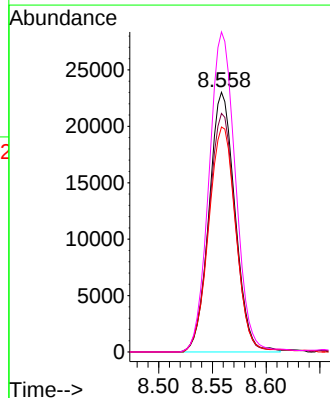
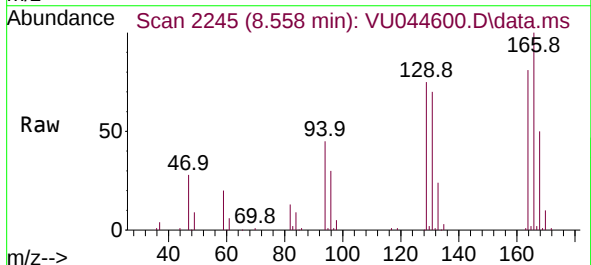
Instrument :  
MSVOA\_U  
ClientSampled :

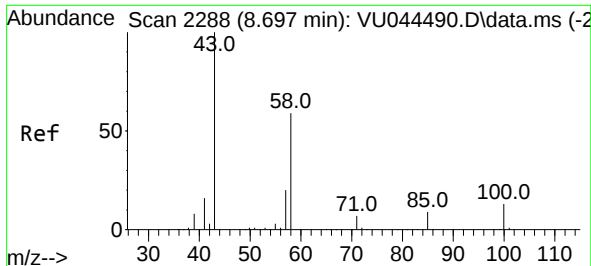
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 38621 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.1  | 41.3  | 76.7  |
| 83       | 86.9  | 58.6  | 108.8 |
| 85       | 54.7  | 37.9  | 70.5  |



#47  
Tetrachloroethene  
Concen: 5.458 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 38658 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 91.9  | 71.0  | 131.8 |
| 131      | 86.7  | 68.0  | 126.4 |
| 166      | 123.3 | 89.0  | 165.4 |

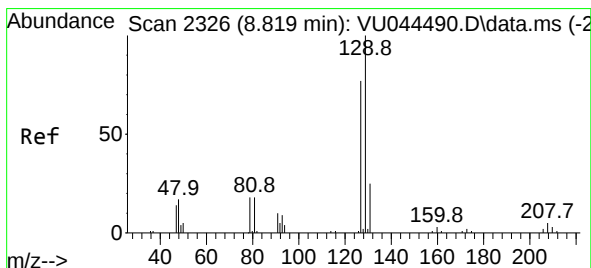
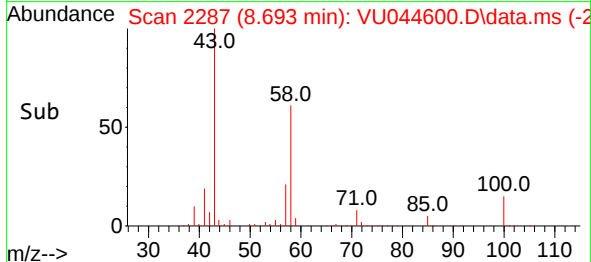
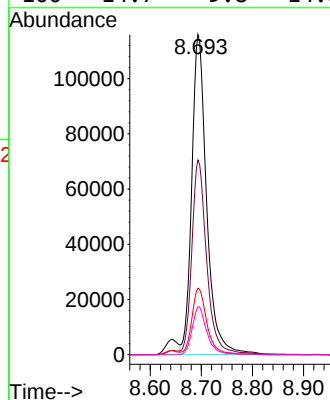
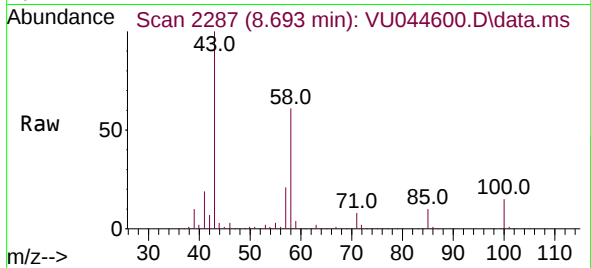




#48  
2-Hexanone  
Concen: 44.543 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

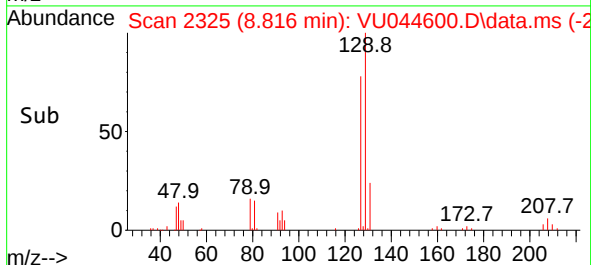
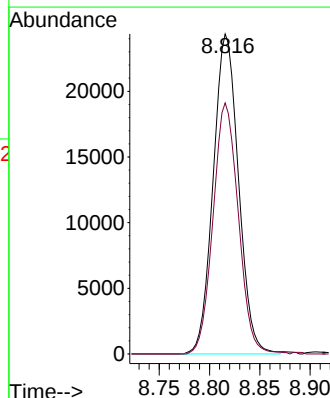
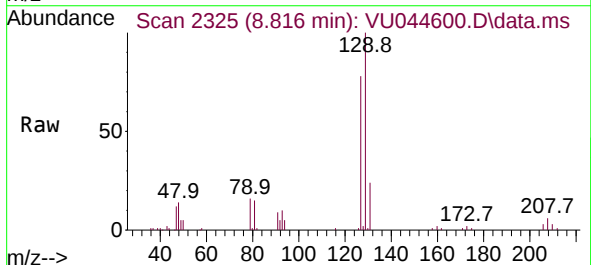
Instrument :  
MSVOA\_U  
ClientSampled :

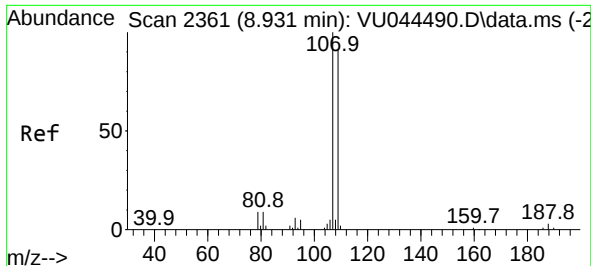
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 234123 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 61.2  | 46.5  | 69.7   |
| 57       | 20.6  | 15.8  | 23.8   |
| 100      | 14.7  | 9.8   | 14.8   |



#49  
Dibromochloromethane  
Concen: 5.209 ug/L  
RT: 8.816 min Scan# 2325  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 42648 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 78.5  | 54.7  | 101.7 |

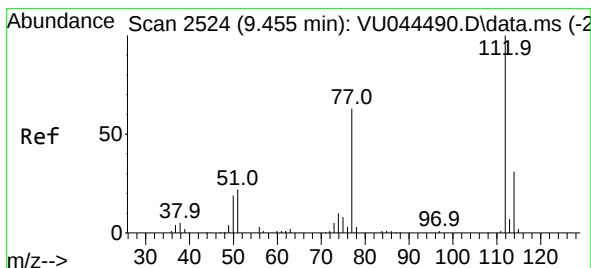
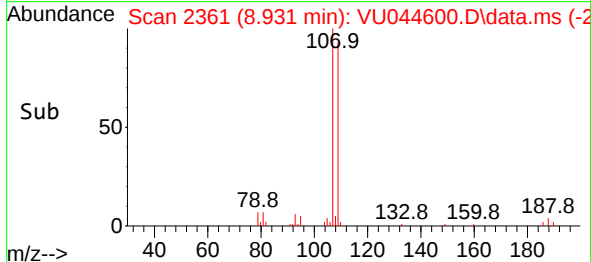
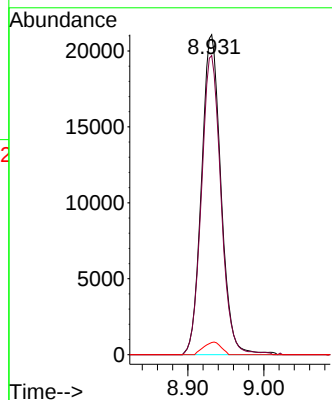
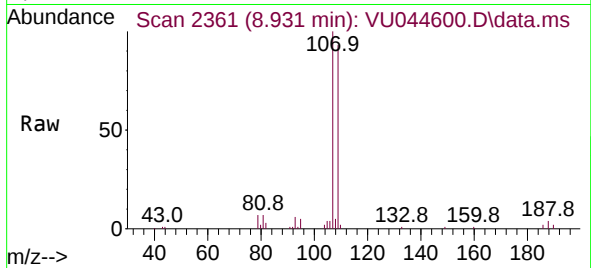




#50  
1,2-Dibromoethane  
Concen: 5.056 ug/L  
RT: 8.931 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

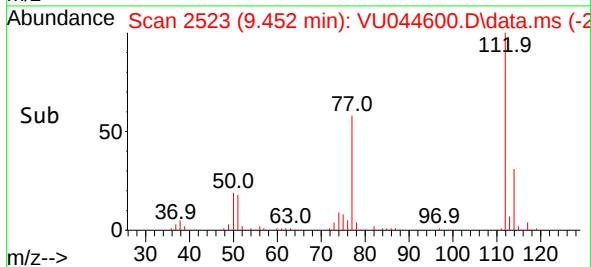
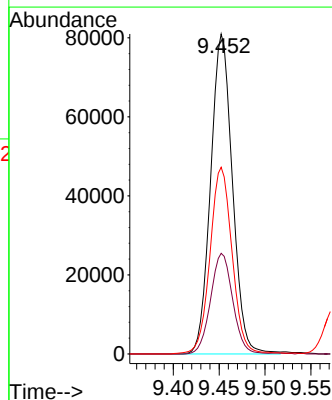
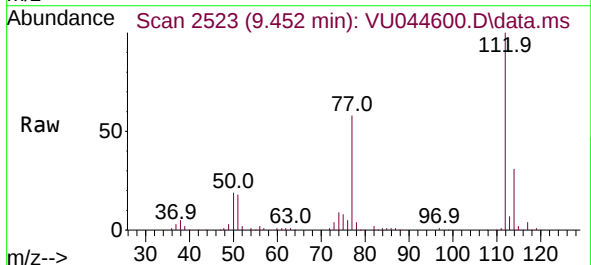
Instrument :  
MSVOA\_U  
ClientSampled :

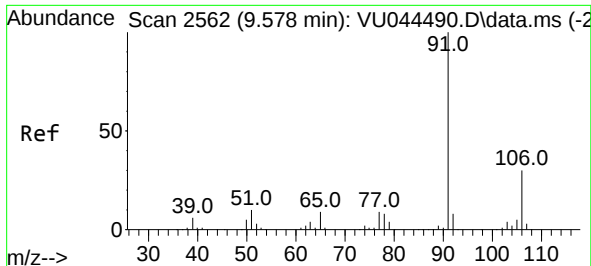
Tgt Ion:107 Resp: 37417  
Ion Ratio Lower Upper  
107 100  
109 93.4 65.2 121.0  
188 3.8 2.4 3.6#



#51  
Chlorobenzene  
Concen: 5.052 ug/L  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:112 Resp: 133799  
Ion Ratio Lower Upper  
112 100  
114 31.5 22.7 42.1  
77 58.3 51.3 76.9

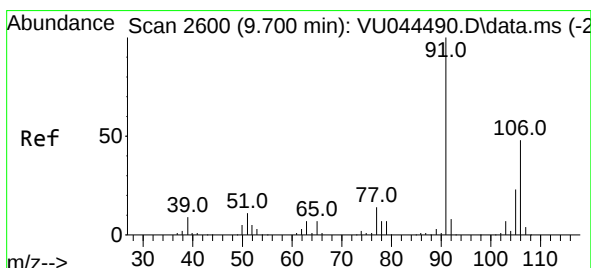
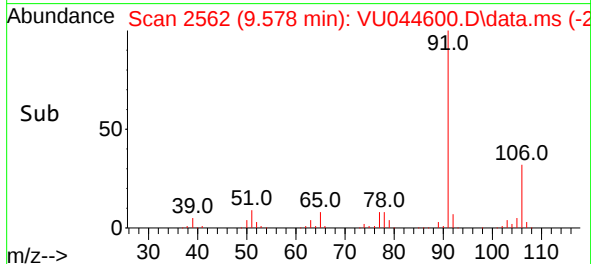
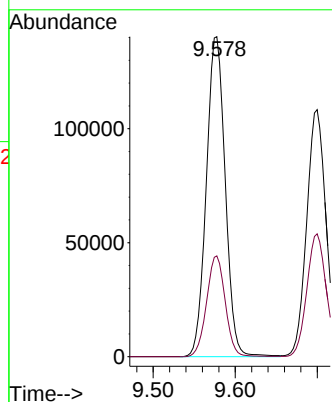
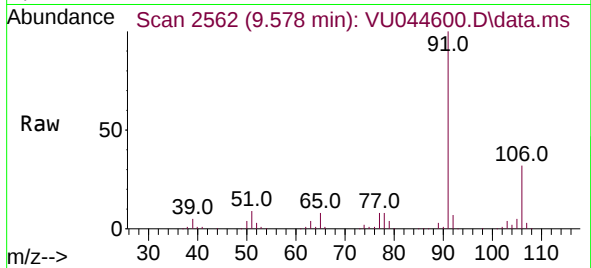




#52  
Ethylbenzene  
Concen: 4.925 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.003 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

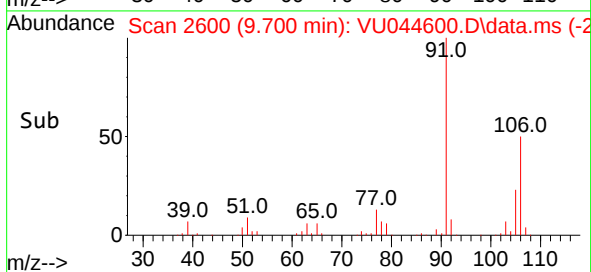
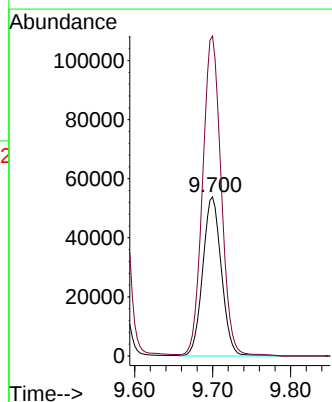
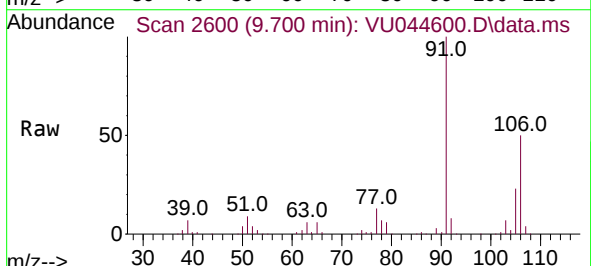
Instrument :  
MSVOA\_U  
ClientSampled :

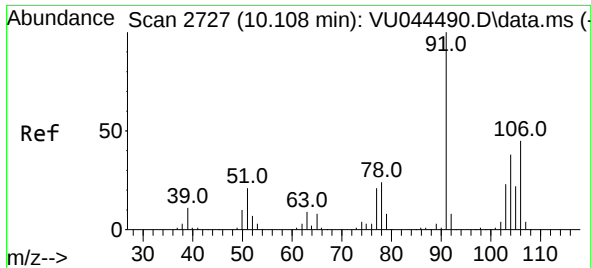
Tgt Ion: 91 Resp: 224547  
Ion Ratio Lower Upper  
91 100  
106 31.5 21.3 39.6



#53  
m,p-Xylene  
Concen: 5.213 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 106 Resp: 89346  
Ion Ratio Lower Upper  
106 100  
91 201.1 146.2 271.6

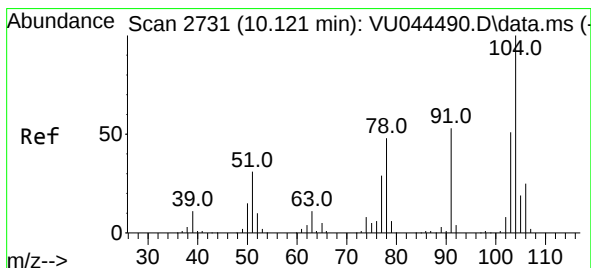
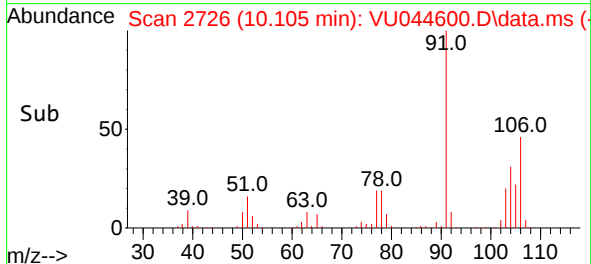
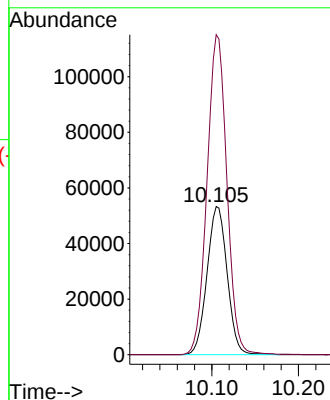
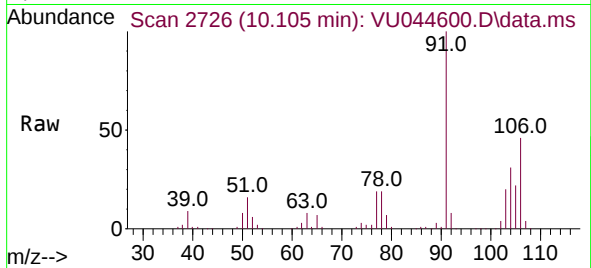




#54  
o-Xylene  
Concen: 5.153 ug/L  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

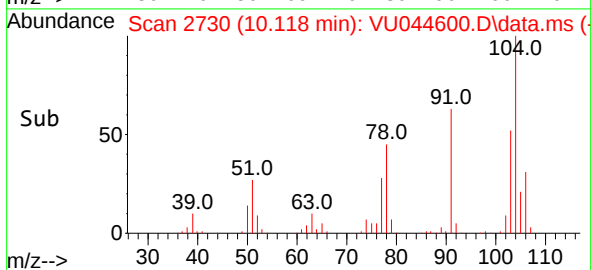
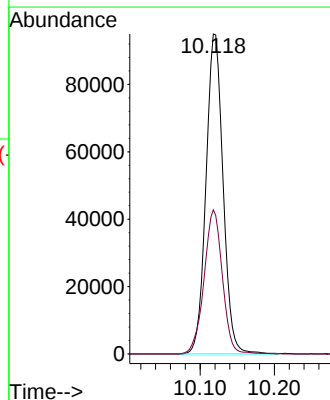
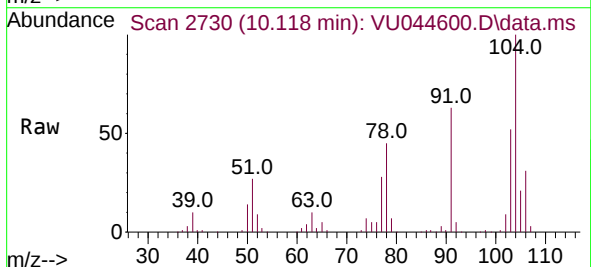
Instrument :  
MSVOA\_U  
ClientSampled :

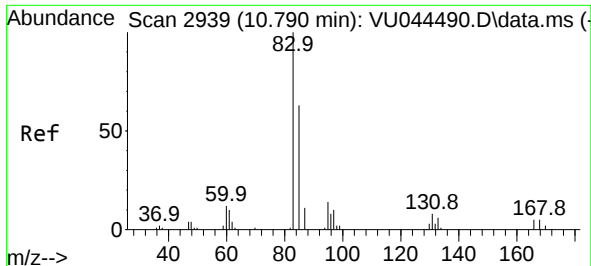
Tgt Ion:106 Resp: 86038  
Ion Ratio Lower Upper  
106 100  
91 215.9 154.4 286.8



#55  
Styrene  
Concen: 5.539 ug/L  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:104 Resp: 151606  
Ion Ratio Lower Upper  
104 100  
78 45.0 32.6 60.5

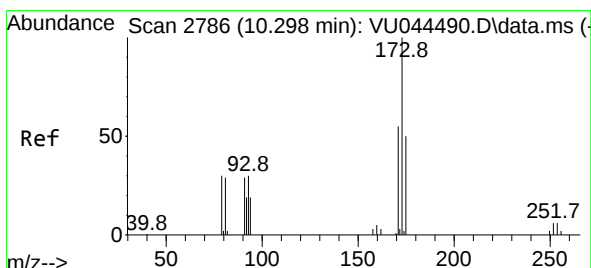
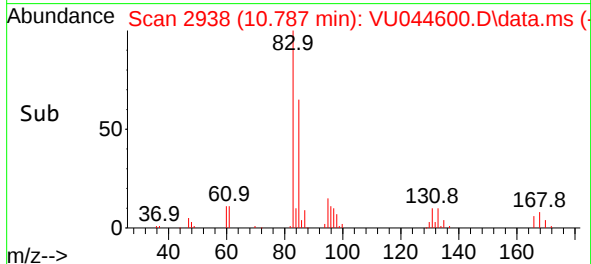
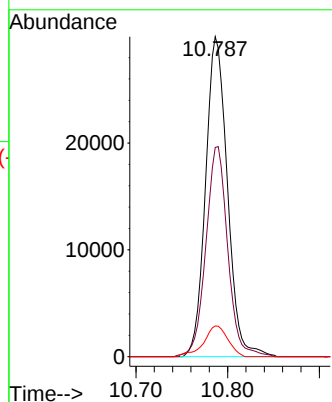
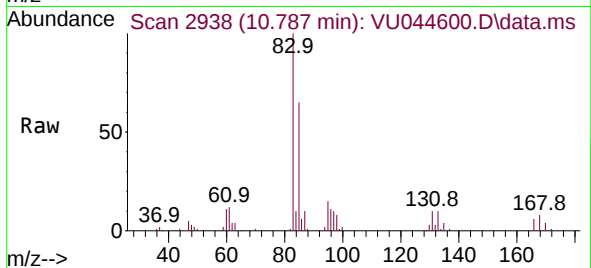




#57  
1,1,2,2-Tetrachloroethane  
Concen: 4.872 ug/L  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

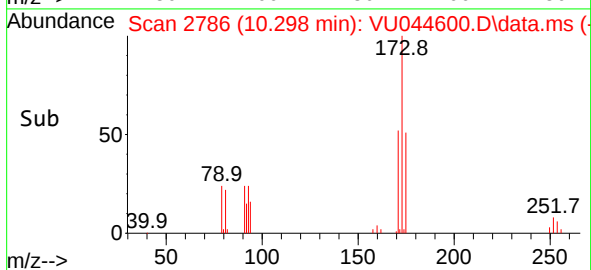
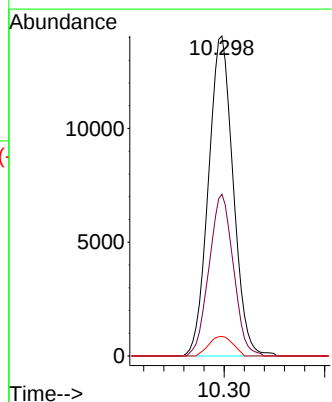
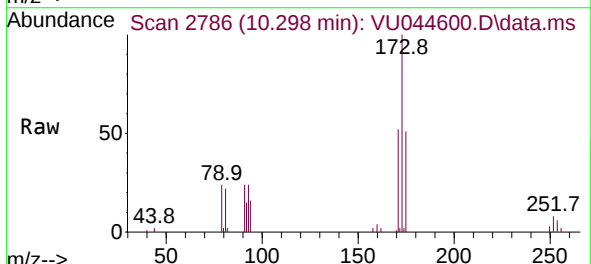
Instrument :  
MSVOA\_U  
ClientSampled :

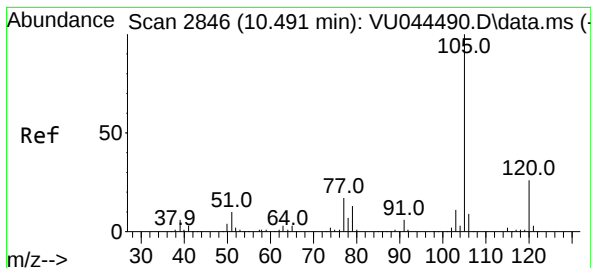
Tgt Ion: 83 Resp: 49626  
Ion Ratio Lower Upper  
83 100  
85 65.4 44.2 82.2  
131 9.6 6.9 10.3



#59  
Bromoform  
Concen: 5.022 ug/L  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:173 Resp: 24040  
Ion Ratio Lower Upper  
173 100  
175 49.7 38.0 57.0  
254 5.9 4.3 6.5





#60

Isopropylbenzene

Concen: 4.571 ug/L

RT: 10.491 min Scan# 2846

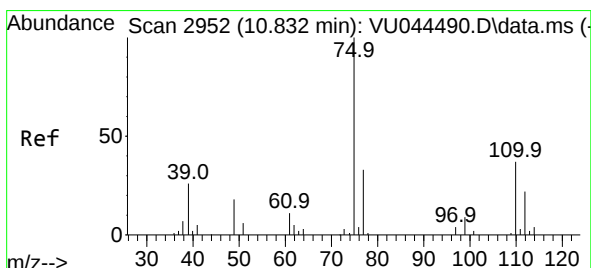
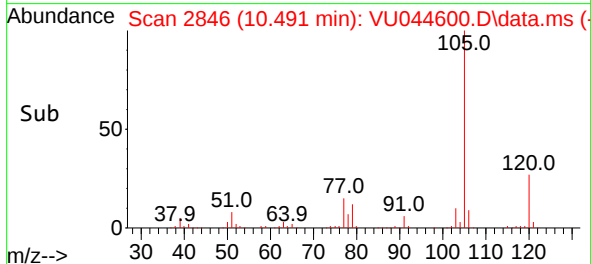
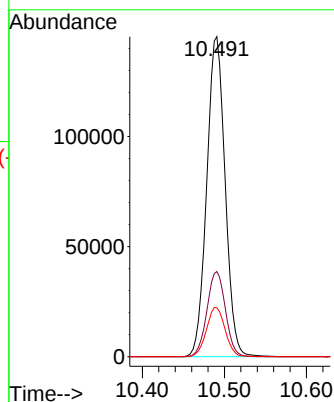
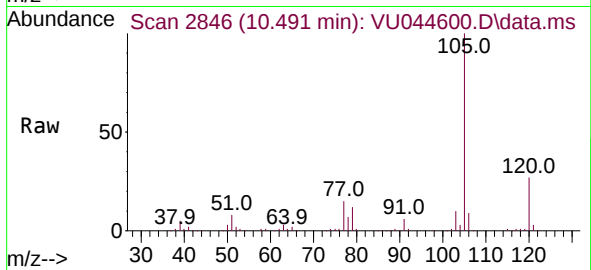
Delta R.T. 0.003 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 226025 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 26.7  | 20.1  | 30.1   |
| 77        | 15.7  | 13.4  | 20.0   |

Instrument :  
MSVOA\_U  
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 4.179 ug/L

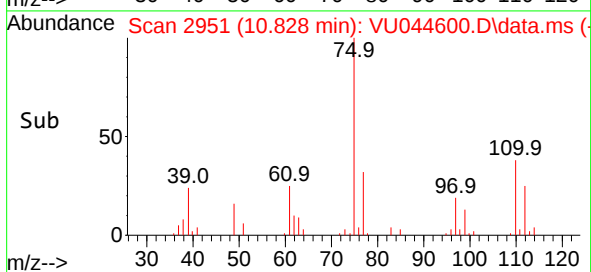
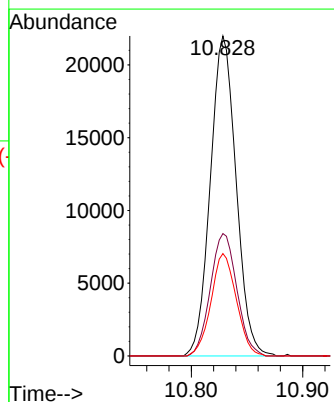
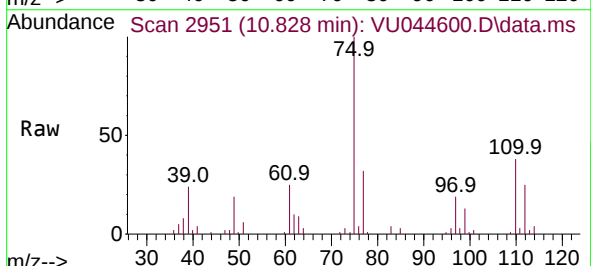
RT: 10.828 min Scan# 2951

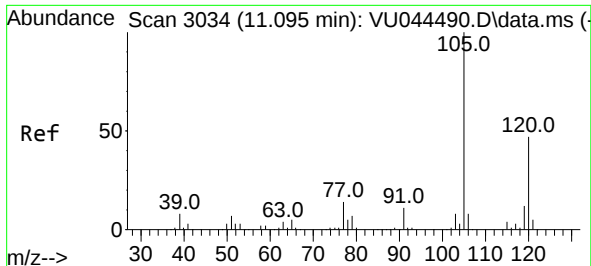
Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 35384 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 39.3  | 28.4  | 42.6  |
| 77        | 31.5  | 26.5  | 39.7  |

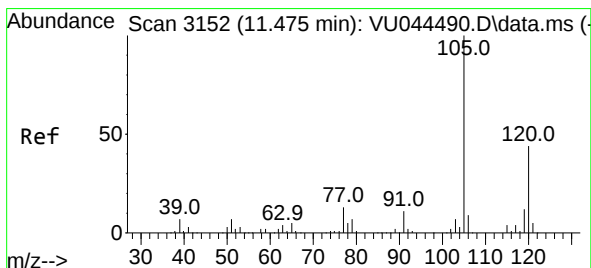
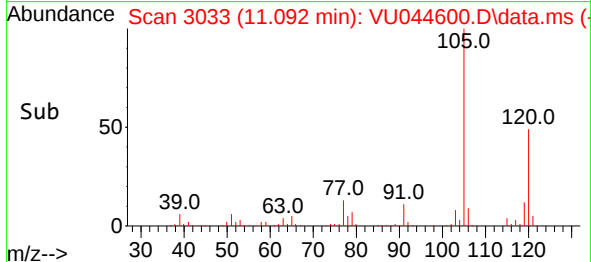
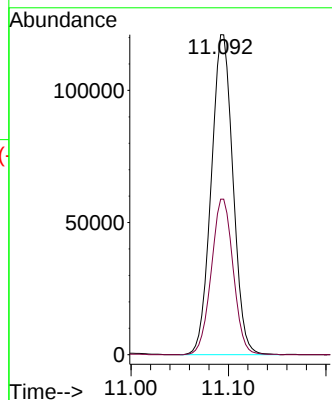
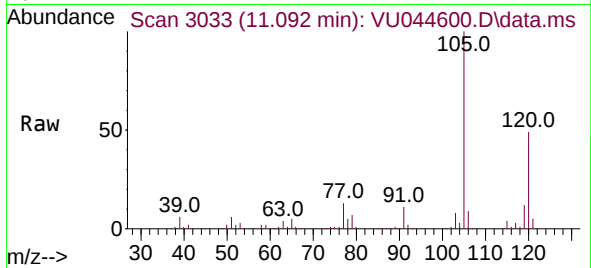




#62  
1,3,5-Trimethylbenzene  
Concen: 4.635 ug/L  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

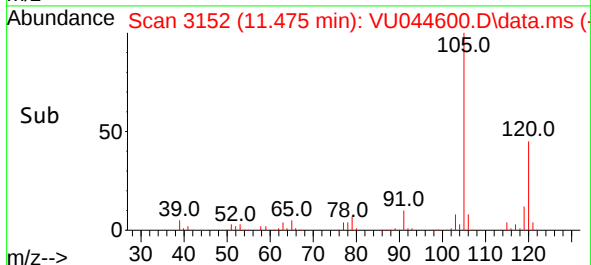
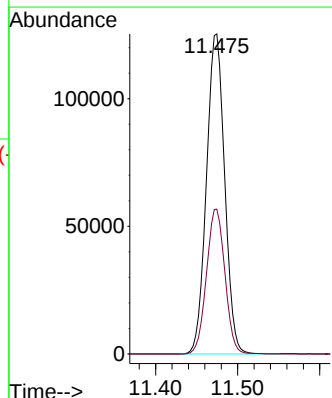
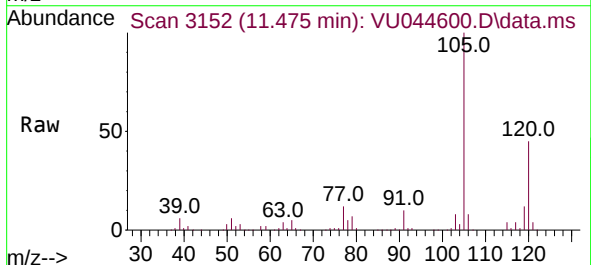
Instrument :  
MSVOA\_U  
ClientSampled :

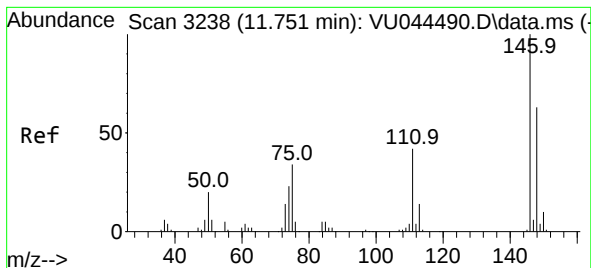
Tgt Ion:105 Resp: 187417  
Ion Ratio Lower Upper  
105 100  
120 49.0 37.8 56.6



#63  
1,2,4-Trimethylbenzene  
Concen: 4.663 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.003 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:105 Resp: 193359  
Ion Ratio Lower Upper  
105 100  
120 45.8 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 5.076 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

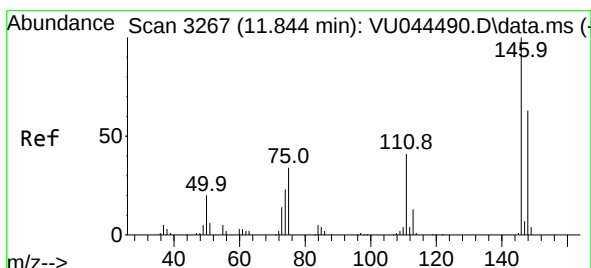
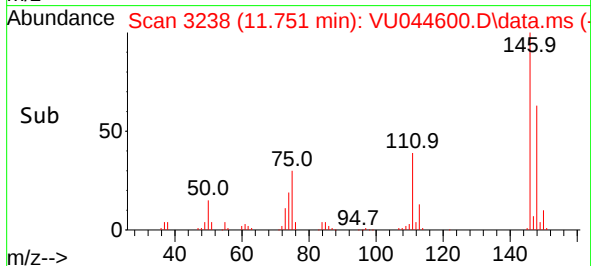
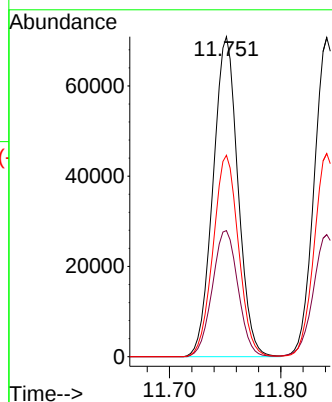
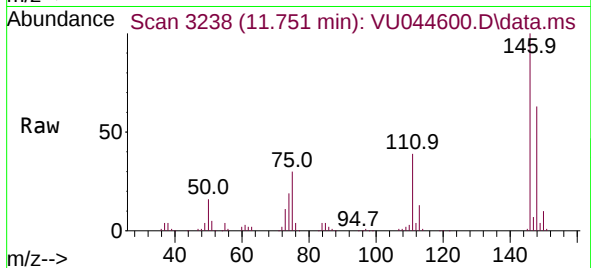
Tgt Ion:146 Resp: 110233

Ion Ratio Lower Upper

146 100

111 39.4 29.6 55.0

148 62.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.112 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. -0.000 min

Lab File: VU044600.D

Acq: 08 Sep 2021 09:54

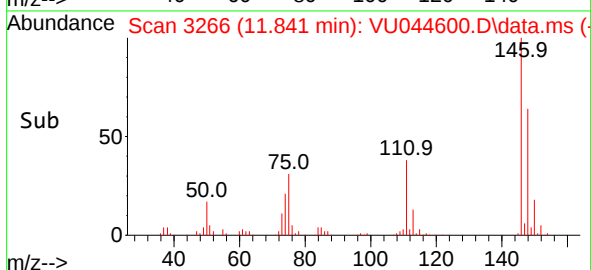
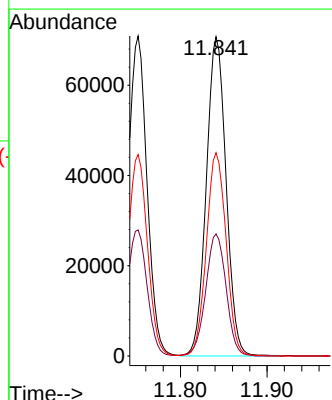
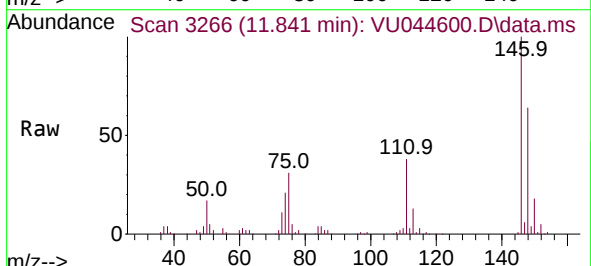
Tgt Ion:146 Resp: 112139

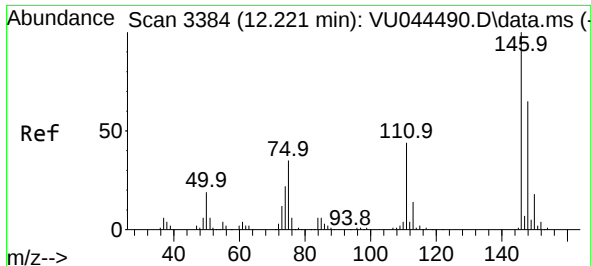
Ion Ratio Lower Upper

146 100

111 38.2 28.8 53.4

148 63.7 43.6 81.0

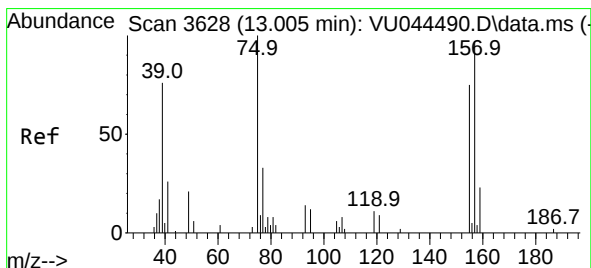
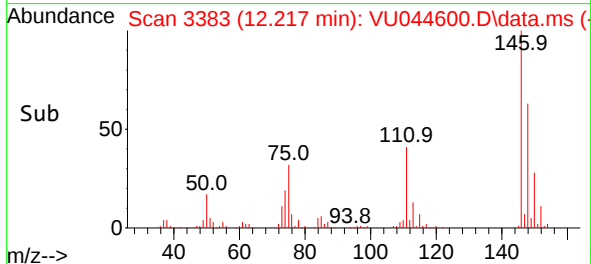
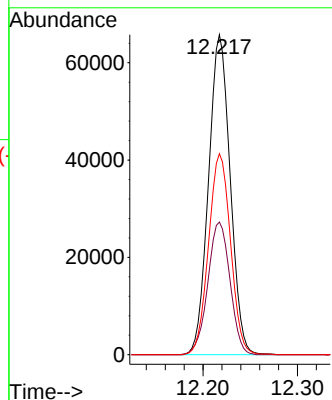
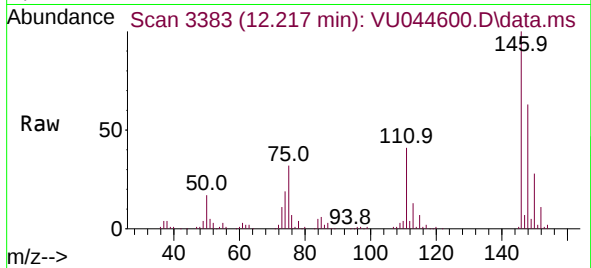




#67  
1,2-Dichlorobenzene  
Concen: 5.052 ug/L  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

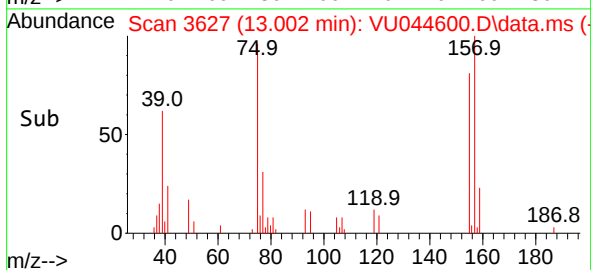
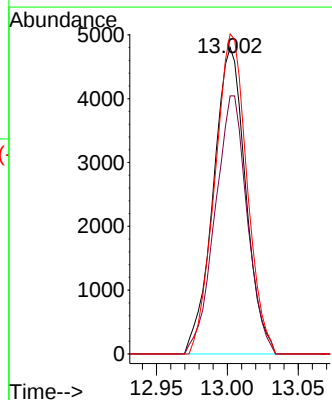
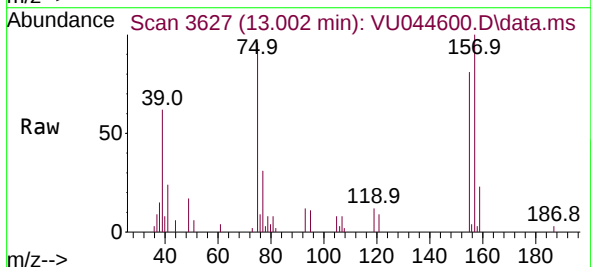
Instrument :  
MSVOA\_U  
ClientSampleId :

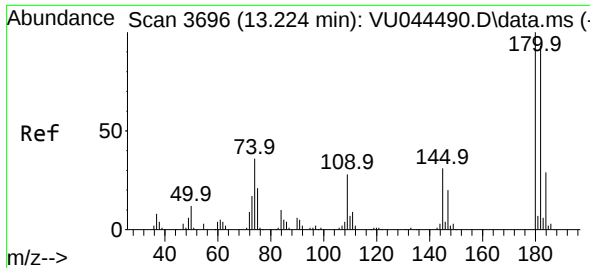
Tgt Ion:146 Resp: 104552  
Ion Ratio Lower Upper  
146 100  
111 41.5 34.9 52.3  
148 62.8 49.3 73.9



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.399 ug/L  
RT: 13.002 min Scan# 3627  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion: 75 Resp: 7619  
Ion Ratio Lower Upper  
75 100  
155 84.2 61.2 91.8  
157 104.4 74.2 111.2

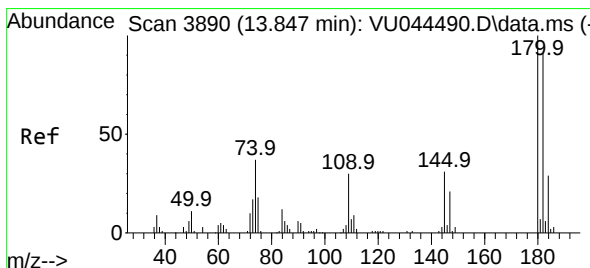
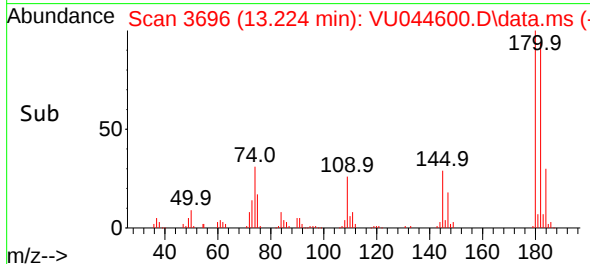
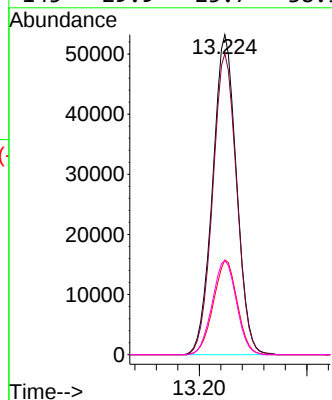
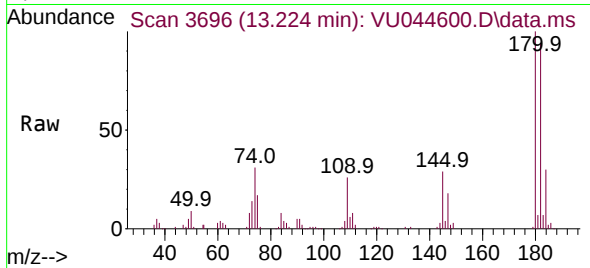




#69  
 1,3,5-Trichlorobenzene  
 Concen: 5.354 ug/L  
 RT: 13.224 min Scan# 3696  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

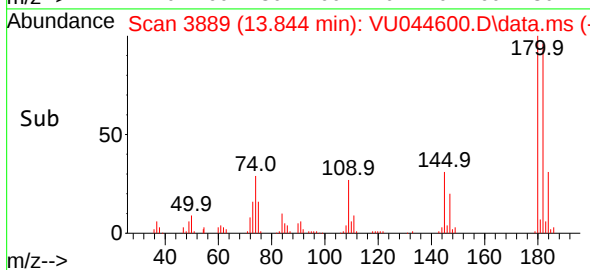
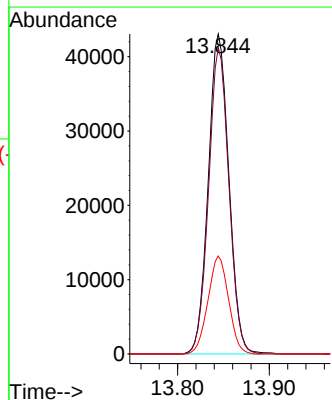
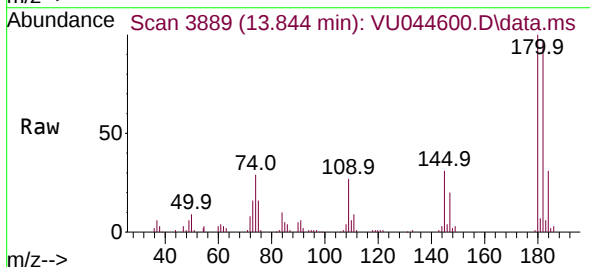
Instrument :  
 MSVOA\_U  
 ClientSampled :

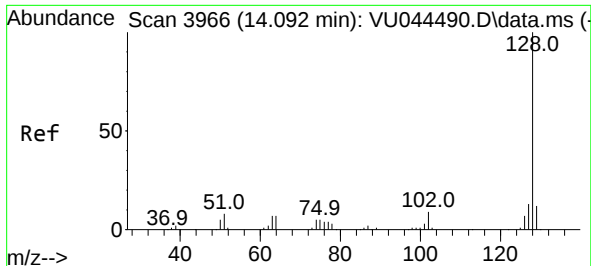
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 81847 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.5  | 75.0  | 112.6 |
| 184       | 29.6  | 24.3  | 36.5  |
| 145       | 29.9  | 25.7  | 38.5  |



#70  
 1,2,4-trichlorobenzene  
 Concen: 5.622 ug/L  
 RT: 13.844 min Scan# 3889  
 Delta R.T. -0.000 min  
 Lab File: VU044600.D  
 Acq: 08 Sep 2021 09:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 67366 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.1  | 76.0  | 114.0 |
| 145       | 30.6  | 26.3  | 39.5  |

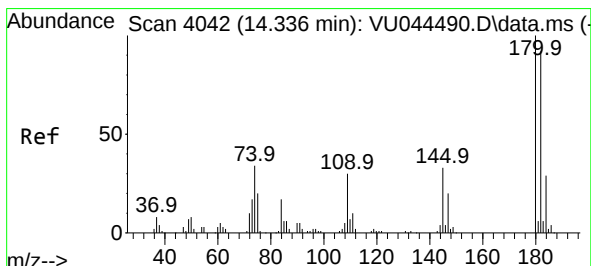
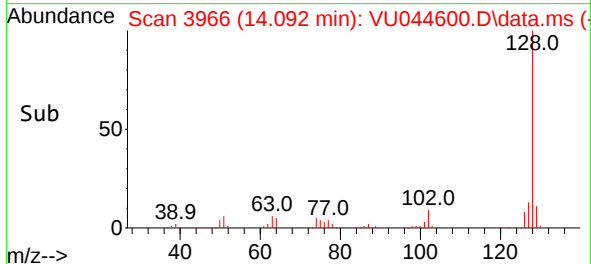
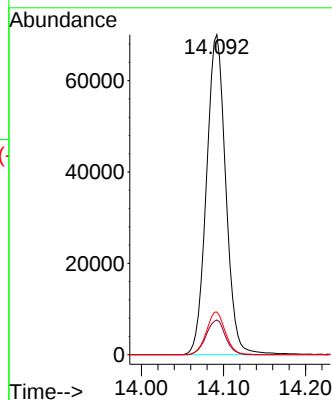
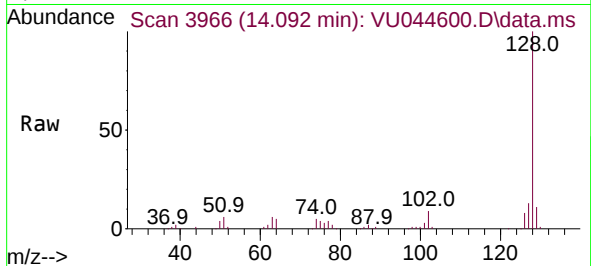




#71  
Naphthalene  
Concen: 5.015 ug/L  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:128 Resp: 114580  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 13.1 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 5.636 ug/L  
RT: 14.333 min Scan# 4041  
Delta R.T. -0.000 min  
Lab File: VU044600.D  
Acq: 08 Sep 2021 09:54

Tgt Ion:180 Resp: 61837  
Ion Ratio Lower Upper  
180 100  
182 94.7 76.4 114.6  
145 32.2 27.1 40.7

