

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072321\  
 Data File : VU044396.D  
 Acq On : 23 Jul 2021 11:13  
 Operator : SY/MD  
 Sample : VSTD01016  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 24 00:31:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 24 00:29:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 193111   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 188060   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152  | 98110    | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65   | 170221   | 14.502  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.915  | 69   | 145846   | 13.051  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65   | 73140    | 12.781  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.642  | 46   | 527081   | 129.557 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 300777   | 12.176  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 162143   | 11.157  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 622779   | 12.576  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67   | 194722   | 12.276  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.902  | 98   | 560715   | 12.393  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 78469    | 11.038  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.642  | 63   | 468894   | 130.933 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84   | 173358   | 12.237  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152  | 204534   | 12.210  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 186317   | 14.588  | ug/L  | 99       |
| 3) Chloromethane              | 1.523  | 50   | 196630   | 13.597  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.607  | 62   | 212244   | 14.140  | ug/L  | 100      |
| 6) Bromomethane               | 1.861  | 94   | 116982   | 12.454  | ug/L  | 99       |
| 8) Chloroethane               | 1.938  | 64   | 122065   | 12.453  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.141  | 101  | 229125   | 11.675  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.584  | 101  | 141228   | 11.888  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.584  | 96   | 138008   | 11.876  | ug/L  | 97       |
| 13) Acetone                   | 2.649  | 43   | 251121   | 137.960 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.800  | 76   | 451993   | 12.566  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 65559    | 12.779  | ug/L  | # 88     |
| 16) Methylene chloride        | 3.054  | 84   | 156714   | 10.082  | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73   | 381371   | 11.299  | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96   | 147487   | 11.982  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.877  | 63   | 265658   | 11.441  | ug/L  | 99       |
| 21) 2-Butanone                | 4.722  | 43   | 452789   | 113.638 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96   | 161210   | 11.947  | ug/L  | 98       |
| 23) Bromochloromethane        | 4.983  | 128  | 71676    | 11.803  | ug/L  | 96       |
| 25) Chloroform                | 5.095  | 83   | 266556   | 10.847  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 176110   | 10.812  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 221781   | 10.556  | ug/L  | 99       |
| 30) Cyclohexane               | 5.394  | 56   | 264256   | 11.806  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 185148   | 10.376  | ug/L  | 100      |
| 33) Benzene                   | 5.780  | 78   | 615321   | 12.049  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 152951   | 11.291  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 273924   | 12.081  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 156022   | 11.695  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.111  | 83   | 190444   | 10.430  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 240272   | 11.207  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.800  | 43   | 1114289  | 106.468 | ug/L  | 100      |
| 42) Toluene                   | 7.976  | 91   | 647891   | 11.646  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.217  | 75   | 201502   | 10.361  | ug/L  | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072321\  
 Data File : VU044396.D  
 Acq On : 23 Jul 2021 11:13  
 Operator : SY/MD  
 Sample : VSTD01016  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

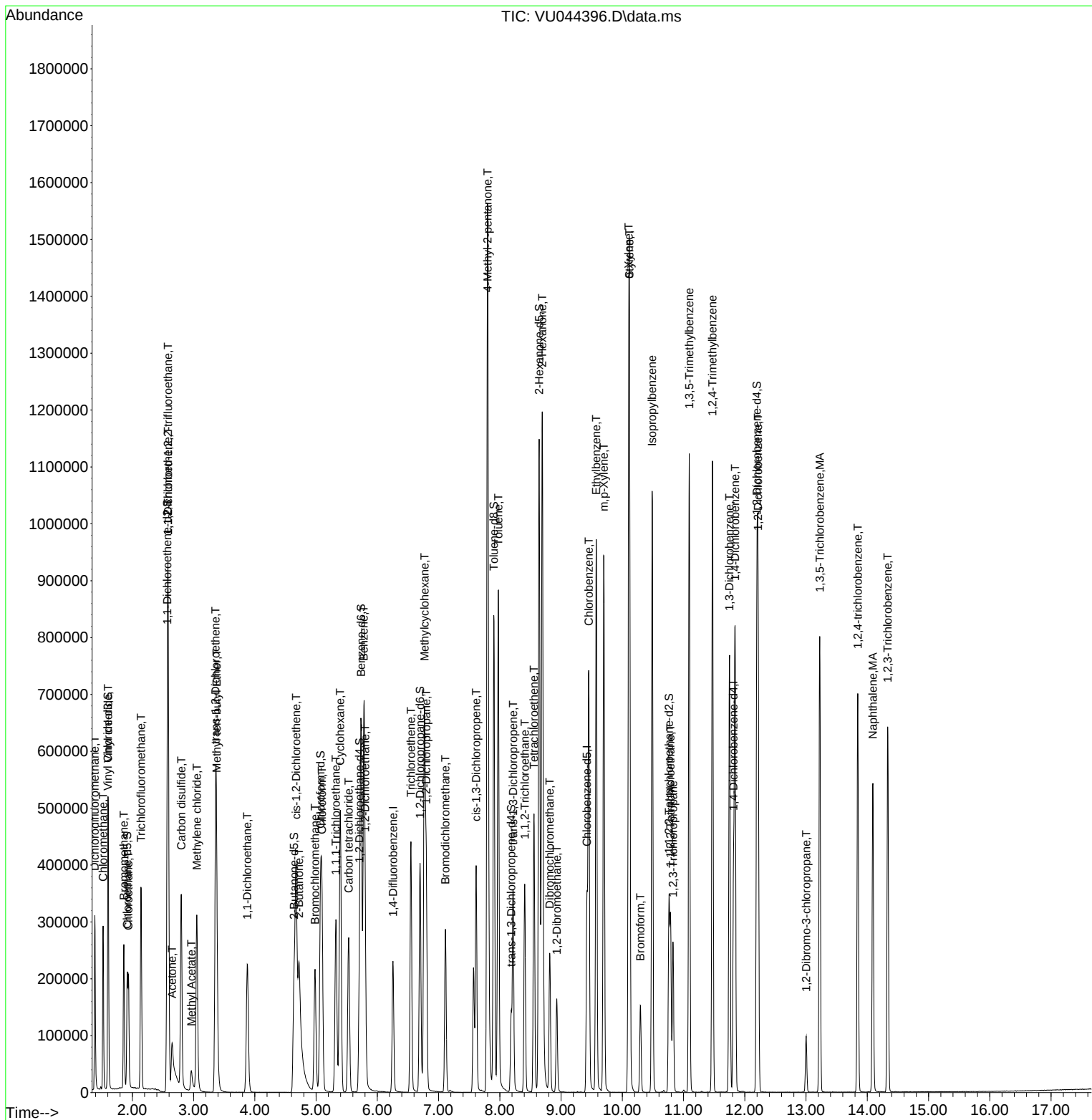
Instrument :  
 MSVOA\_U  
 ClientSampleId :

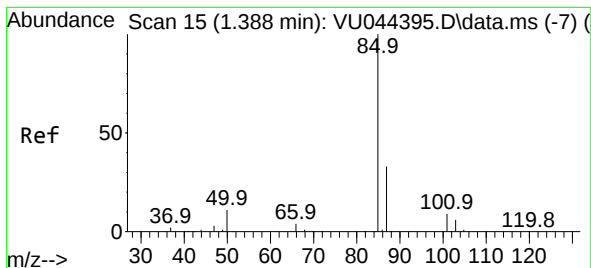
Quant Time: Jul 24 00:31:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 24 00:29:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 117380   | 11.636  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.558  | 164  | 113400   | 11.222  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.693  | 43   | 805329   | 107.703 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.816  | 129  | 127368   | 10.349  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 114757   | 11.804  | ug/L  | 99       |
| 51) Chlorobenzene             | 9.452  | 112  | 396530   | 11.211  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.574  | 91   | 697509   | 11.027  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.700  | 106  | 272192   | 11.324  | ug/L  | 98       |
| 54) o-Xylene                  | 10.105 | 106  | 263900   | 11.283  | ug/L  | 98       |
| 55) Styrene                   | 10.118 | 104  | 456617   | 11.183  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 153367   | 11.436  | ug/L  | 98       |
| 59) Bromoform                 | 10.295 | 173  | 69611    | 10.261  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.488 | 105  | 699522   | 11.558  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.828 | 75   | 112134   | 12.198  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 596210   | 11.383  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 615170   | 11.435  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 309786   | 11.339  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 312553   | 11.333  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 300920   | 11.653  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 25608    | 10.996  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 237748   | 11.499  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 207588   | 11.809  | ug/L  | 100      |
| 71) Naphthalene               | 14.092 | 128  | 430966   | 13.239  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 190557   | 12.378  | ug/L  | 99       |
| -----                         |        |      |          |         |       |          |

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

Quant Time: Jul 24 00:31:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072321WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jul 24 00:29:24 2021  
Response via : Initial Calibration

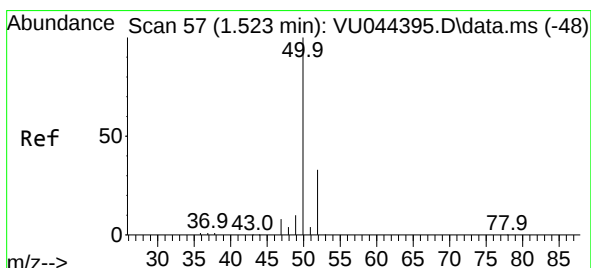
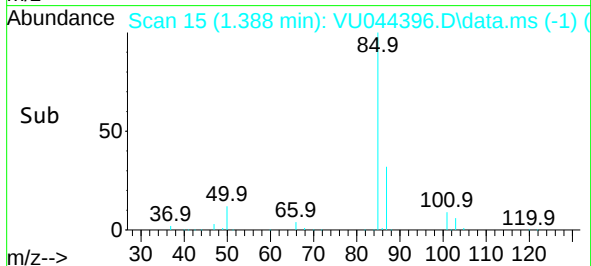
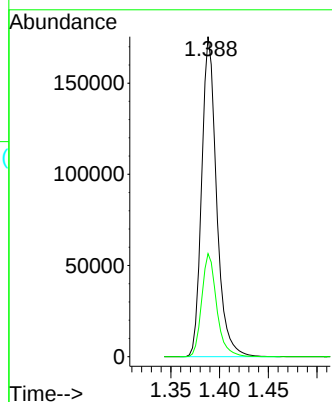
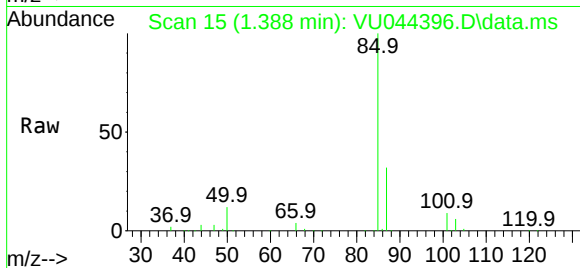




#2  
Dichlorodifluoromethane  
Concen: 14.588 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

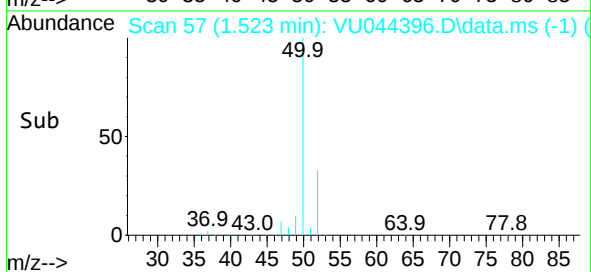
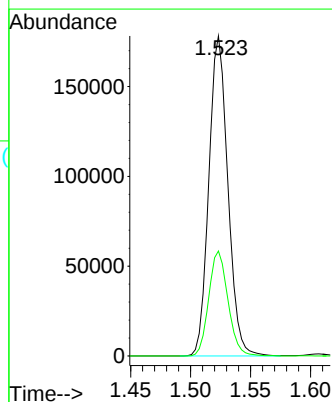
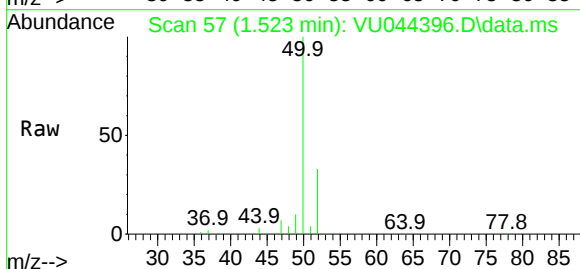
Instrument :  
MSVOA\_U  
ClientSampled :

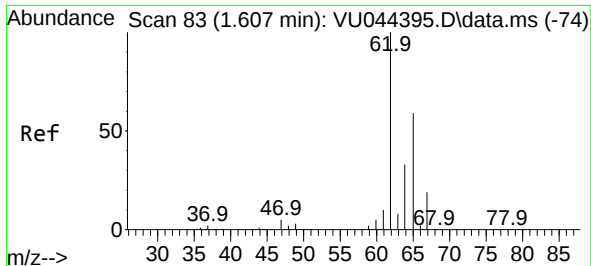
Tgt Ion: 85 Resp: 186317  
Ion Ratio Lower Upper  
85 100  
87 32.3 26.2 39.2



#3  
Chloromethane  
Concen: 13.597 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 50 Resp: 196630  
Ion Ratio Lower Upper  
50 100  
52 32.8 23.2 43.0

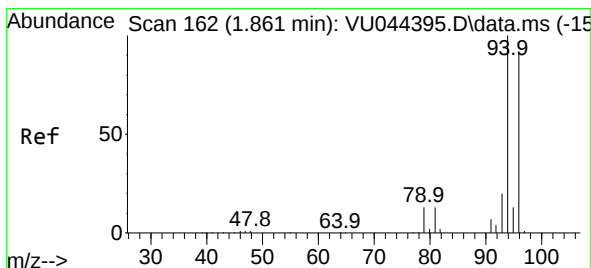
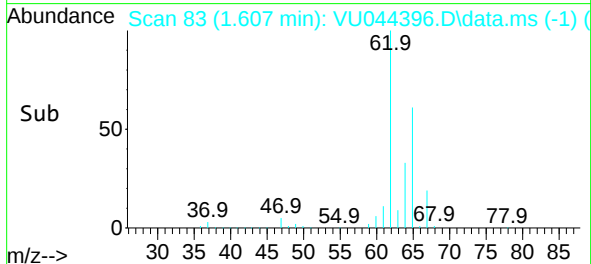
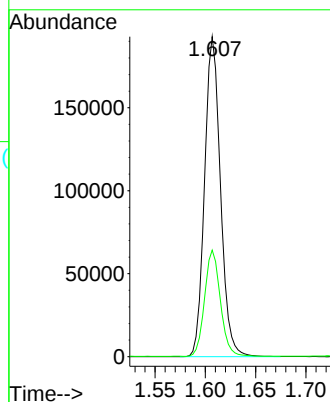
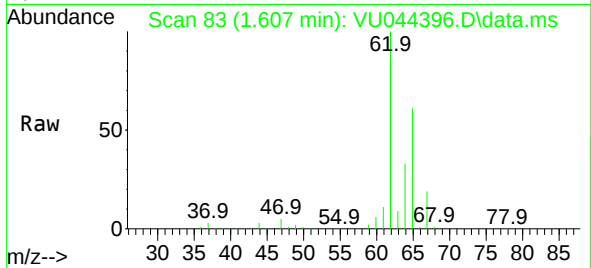




#5  
 Vinyl chloride  
 Concen: 14.140 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

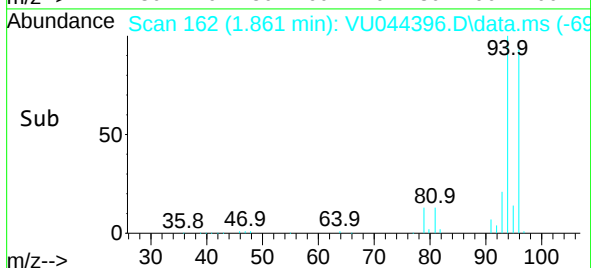
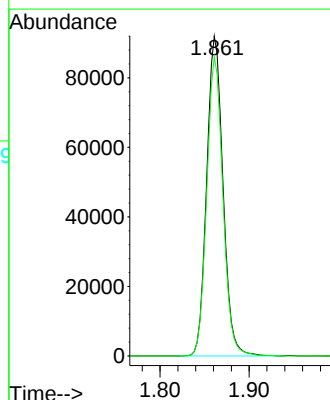
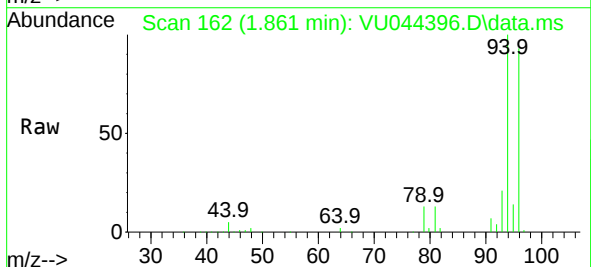
Instrument :  
 MSVOA\_U  
 ClientSampled :

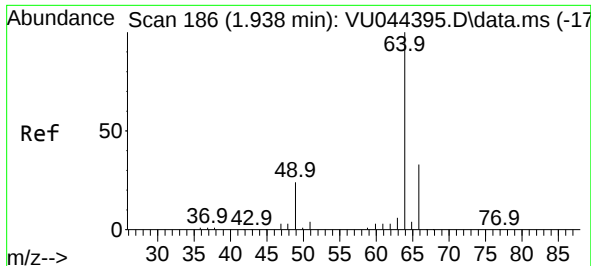
Tgt Ion: 62 Resp: 212244  
 Ion Ratio Lower Upper  
 62 100  
 64 33.3 23.2 43.2



#6  
 Bromomethane  
 Concen: 12.454 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. -0.000 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

Tgt Ion: 94 Resp: 116982  
 Ion Ratio Lower Upper  
 94 100  
 96 93.5 64.5 119.9

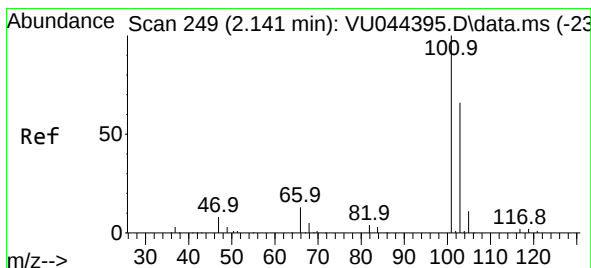
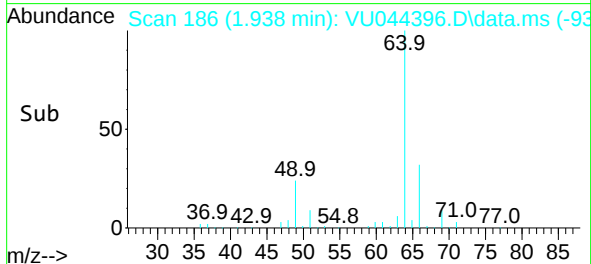
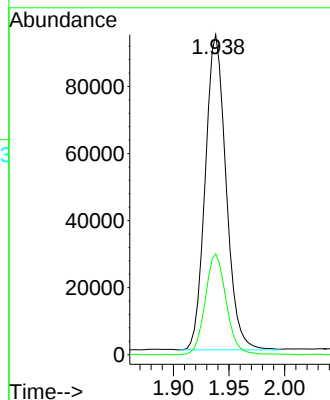
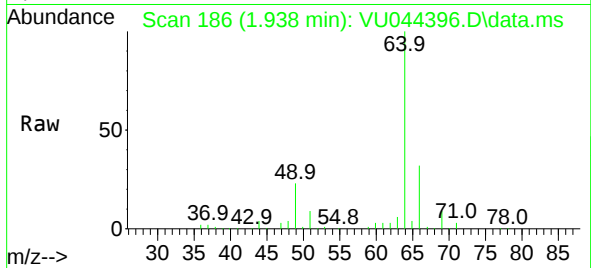




#8  
Chloroethane  
Concen: 12.453 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

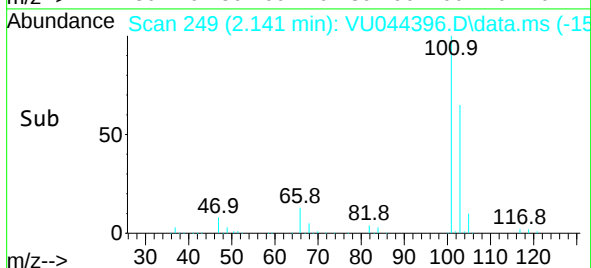
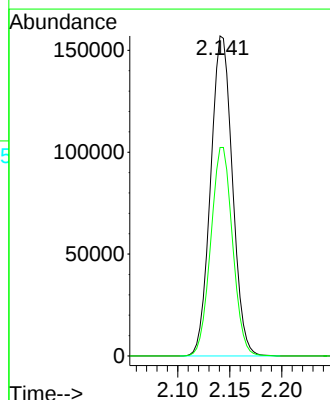
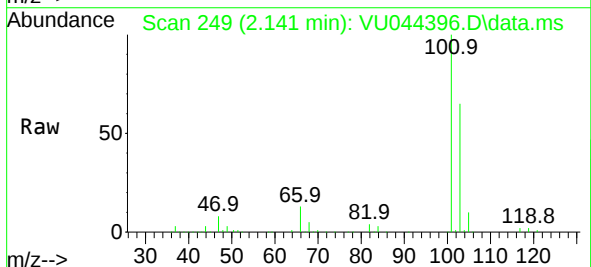
Instrument :  
MSVOA\_U  
ClientSampled :

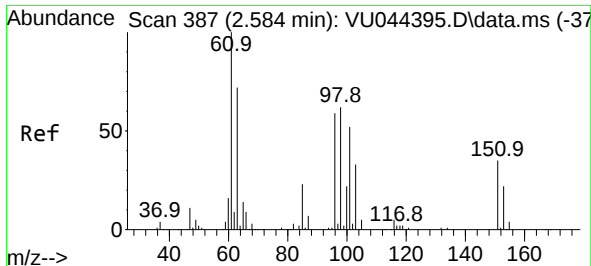
Tgt Ion: 64 Resp: 122065  
Ion Ratio Lower Upper  
64 100  
66 31.5 22.6 42.0



#9  
Trichlorofluoromethane  
Concen: 11.675 ug/L  
RT: 2.141 min Scan# 249  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion:101 Resp: 229125  
Ion Ratio Lower Upper  
101 100  
103 65.1 52.1 78.1

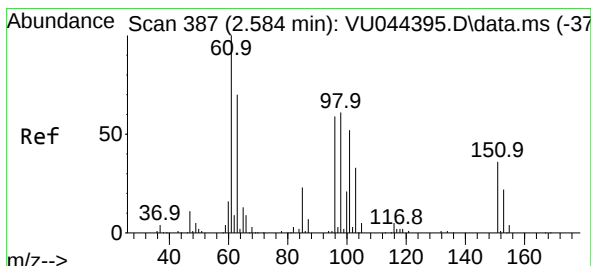
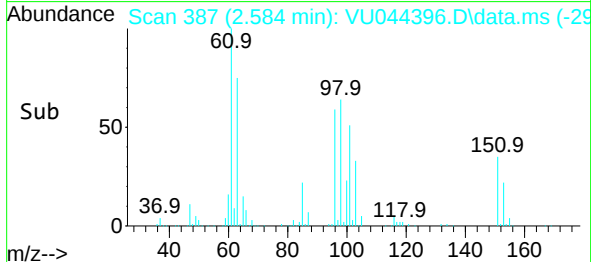
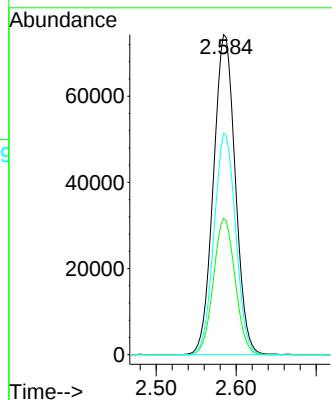
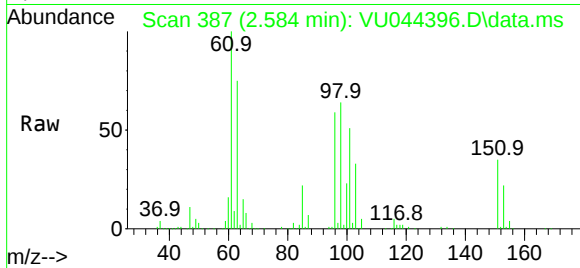




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 11.888 ug/L  
RT: 2.584 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

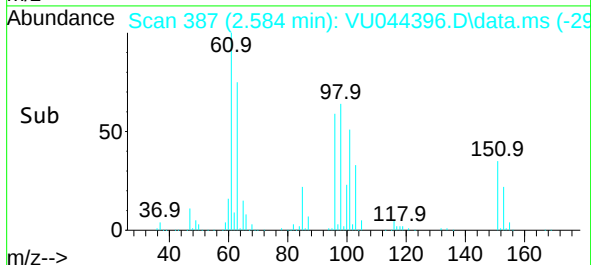
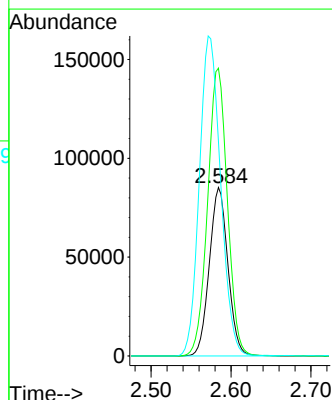
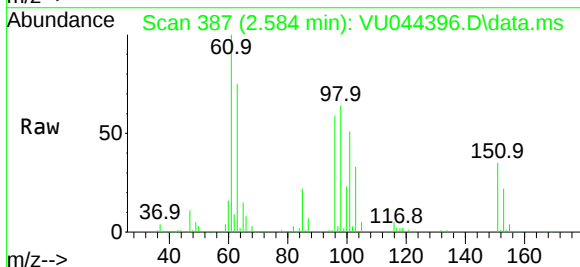
Instrument :  
MSVOA\_U  
ClientSampleId :

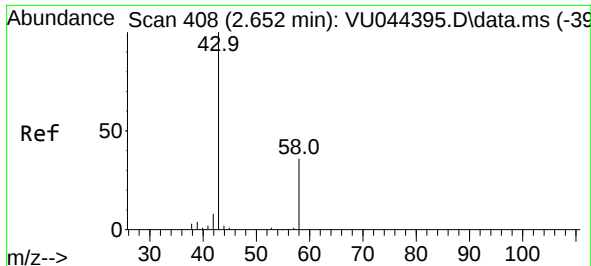
Tgt Ion:101 Resp: 141228  
Ion Ratio Lower Upper  
101 100  
85 42.1 34.2 51.4  
151 68.5 54.8 82.2



#12  
1,1-Dichloroethene  
Concen: 11.876 ug/L  
RT: 2.584 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 96 Resp: 138008  
Ion Ratio Lower Upper  
96 100  
61 170.9 118.3 219.7  
63 127.4 85.7 159.1

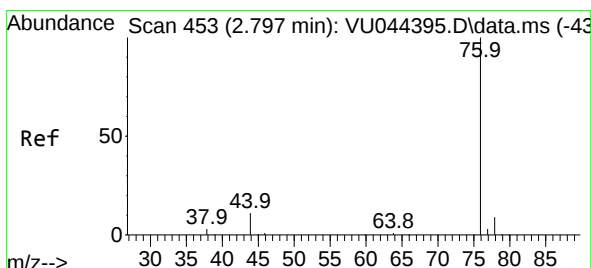
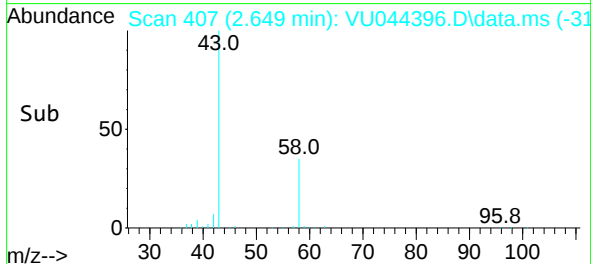
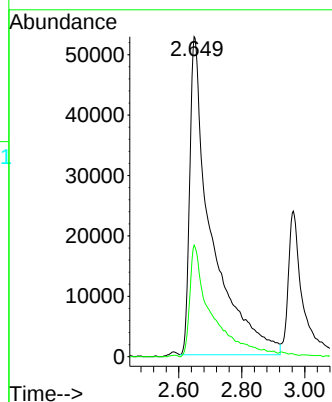
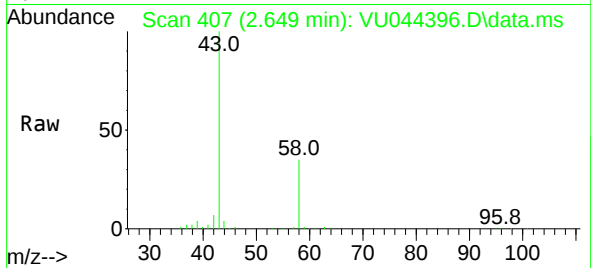




#13  
Acetone  
Concen: 137.960 ug/L  
RT: 2.649 min Scan# 407  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

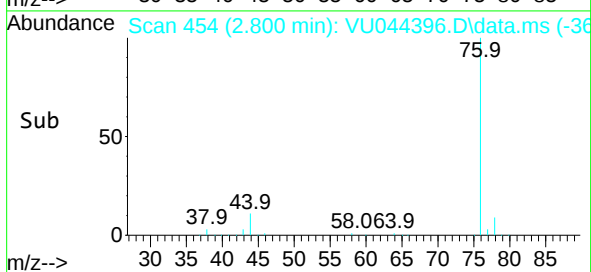
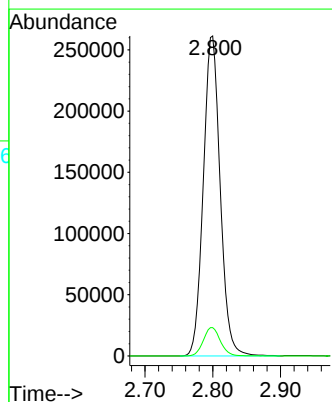
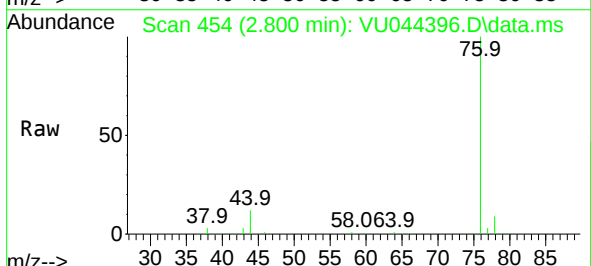
Instrument :  
MSVOA\_U  
ClientSampled :

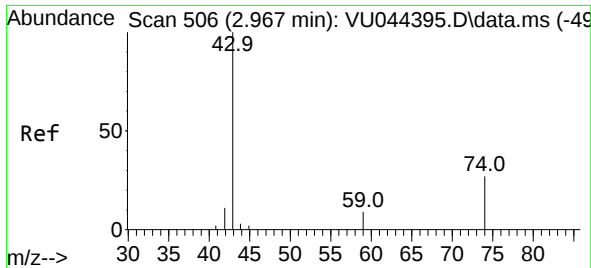
Tgt Ion: 43 Resp: 251121  
Ion Ratio Lower Upper  
43 100  
58 34.2 0.0 67.2



#14  
Carbon disulfide  
Concen: 12.566 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. 0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 76 Resp: 451993  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

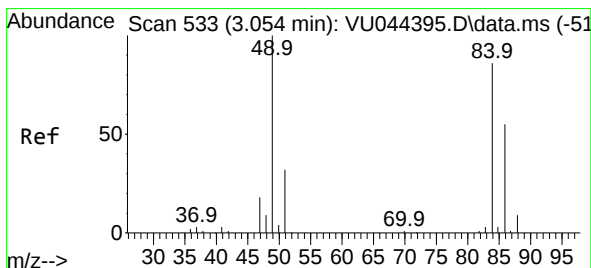
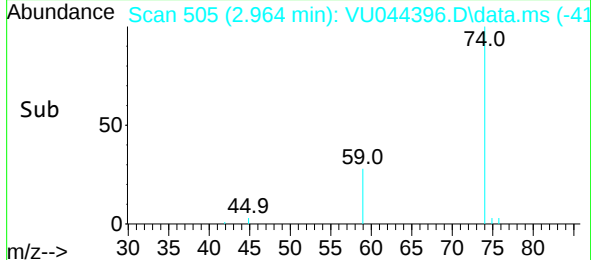
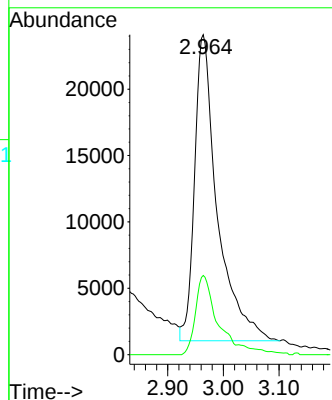
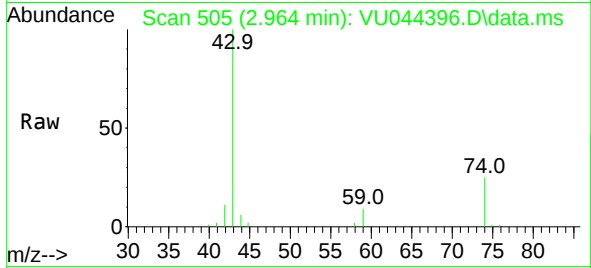




#15  
Methyl Acetate  
Concen: 12.779 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

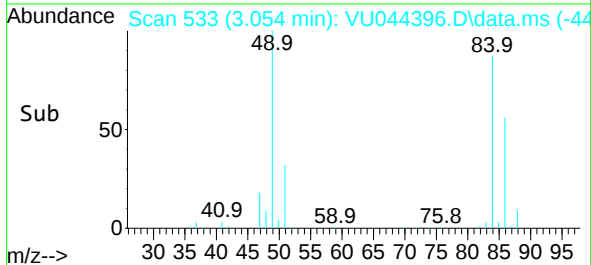
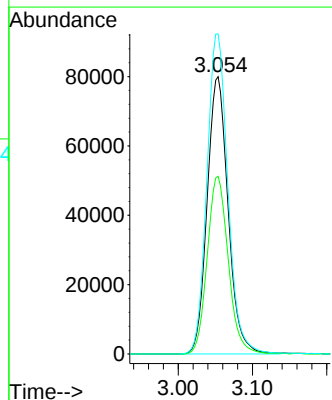
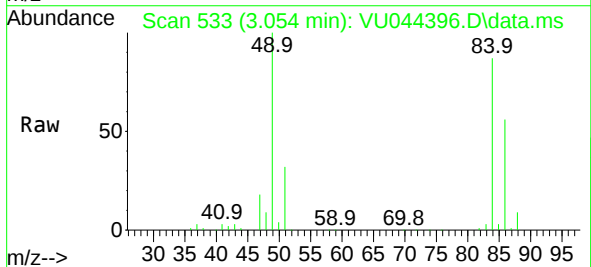
Instrument :  
MSVOA\_U  
ClientSampled :

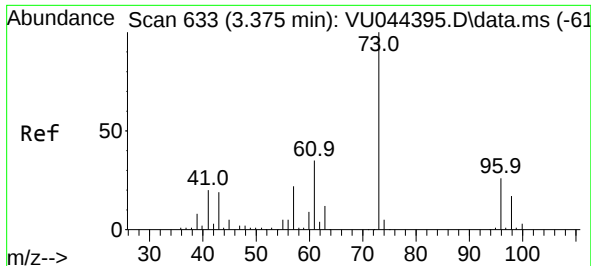
Tgt Ion: 43 Resp: 65559  
Ion Ratio Lower Upper  
43 100  
74 26.5 16.7 25.1#



#16  
Methylene chloride  
Concen: 10.082 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 84 Resp: 156714  
Ion Ratio Lower Upper  
84 100  
86 64.1 45.2 84.0  
49 115.4 81.8 152.0



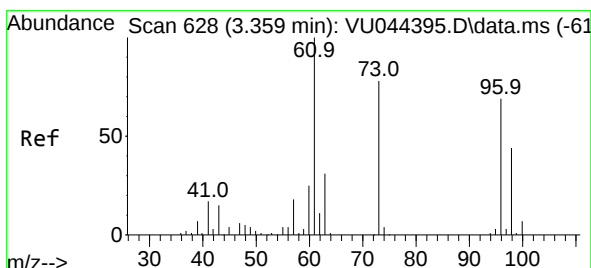
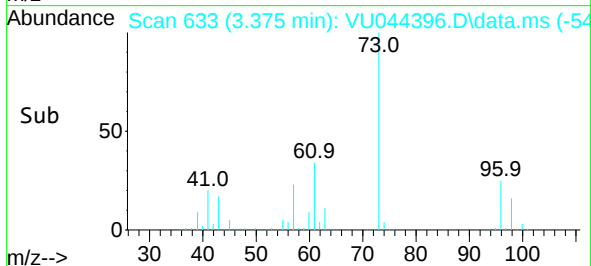
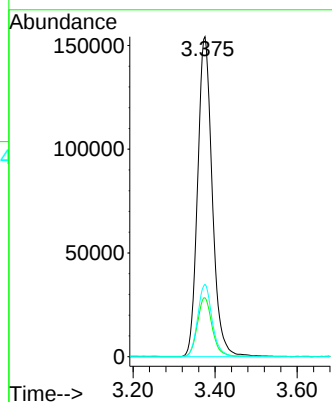
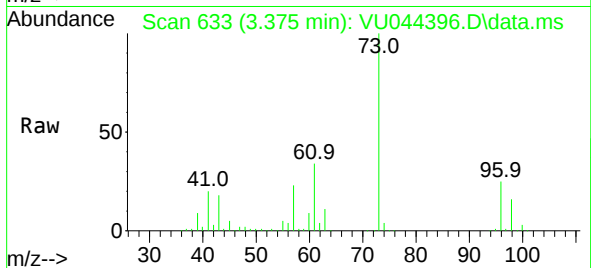


#17

Methyl tert-butyl Ether  
Concen: 11.299 ug/L  
RT: 3.375 min Scan# 633  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Instrument :  
MSVOA\_U  
ClientSampleId :

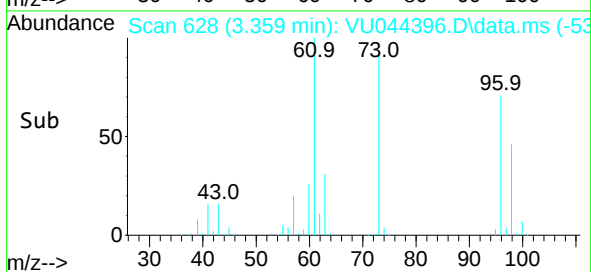
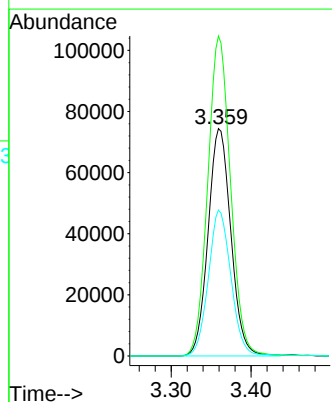
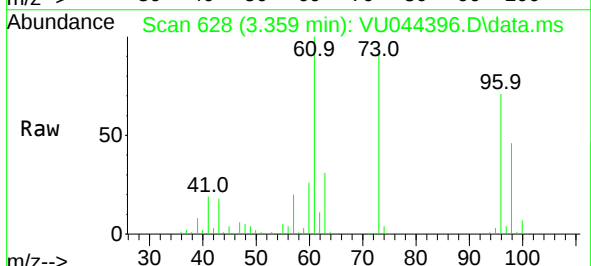
|             |              |
|-------------|--------------|
| Tgt Ion: 73 | Resp: 381371 |
| Ion Ratio   | Lower Upper  |
| 73 100      |              |
| 43 18.4     | 15.3 22.9    |
| 57 22.4     | 17.4 26.0    |

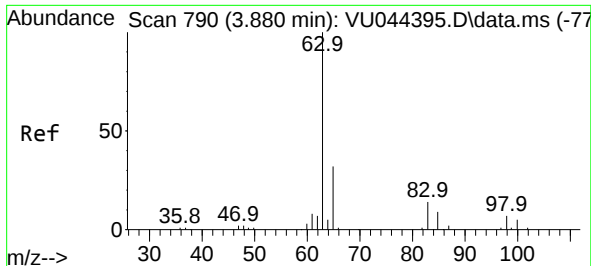


#18

trans-1,2-Dichloroethene  
Concen: 11.982 ug/L  
RT: 3.359 min Scan# 628  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

|             |              |       |       |
|-------------|--------------|-------|-------|
| Tgt Ion: 96 | Resp: 147487 |       |       |
| Ion Ratio   | Lower        | Upper |       |
| 96          | 100          |       |       |
| 61          | 140.8        | 101.4 | 188.4 |
| 98          | 64.2         | 44.4  | 82.4  |





#19

1,1-Dichloroethane

Concen: 11.441 ug/L

RT: 3.877 min Scan# 789

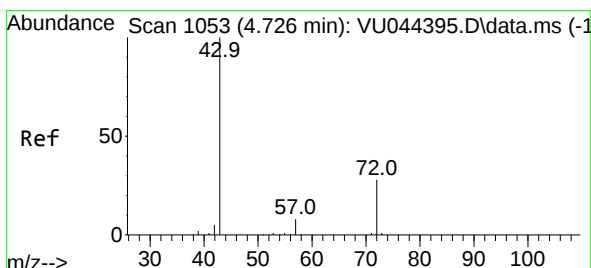
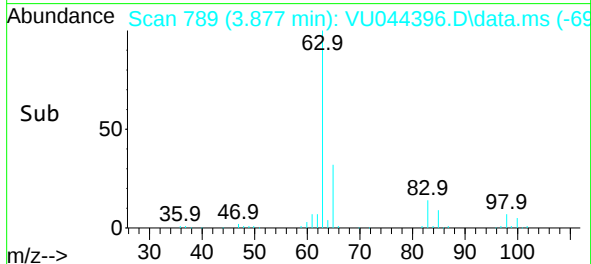
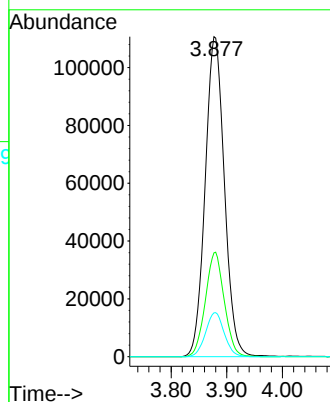
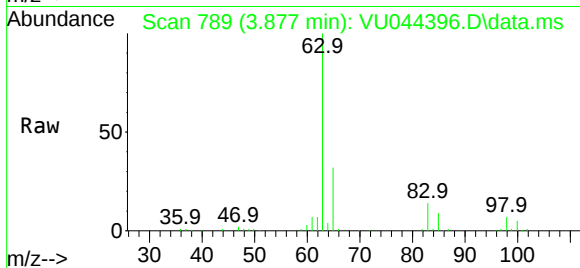
Delta R.T. -0.003 min

Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

Tgt Ion: 63 Resp: 265658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.4  | 22.1  | 41.1  |
| 83  | 13.7  | 9.7   | 17.9  |



#21

2-Butanone

Concen: 113.638 ug/L

RT: 4.722 min Scan# 1052

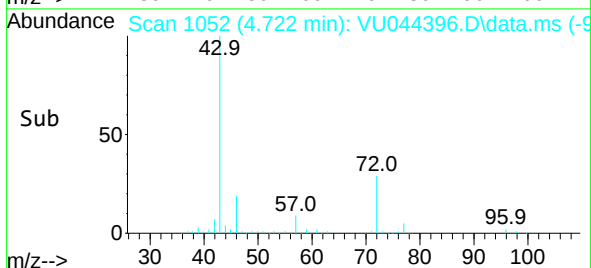
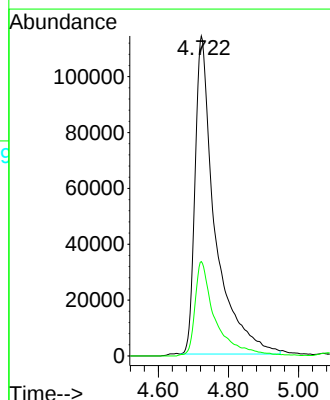
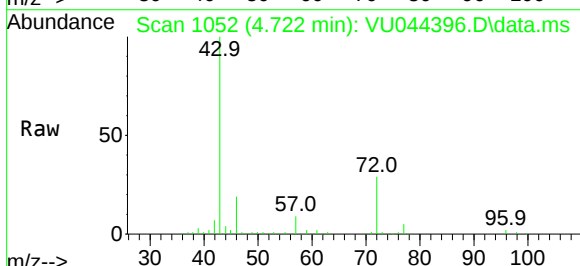
Delta R.T. -0.003 min

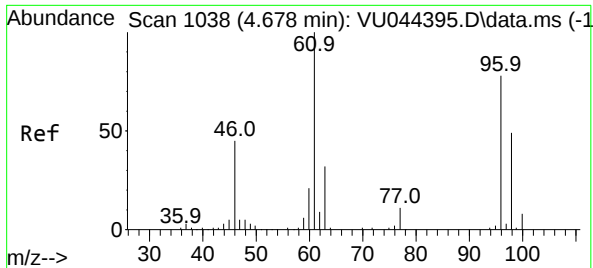
Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

Tgt Ion: 43 Resp: 452789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 30.2  | 14.4  | 43.2  |

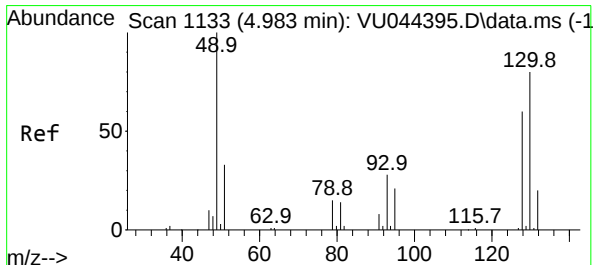
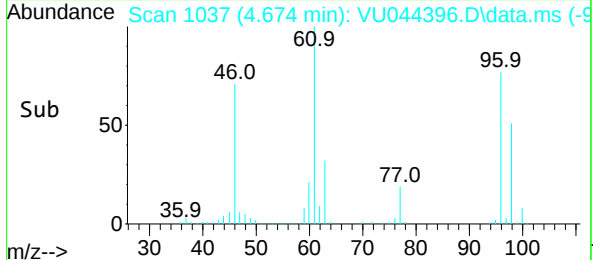
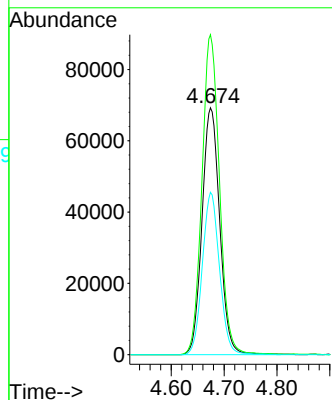
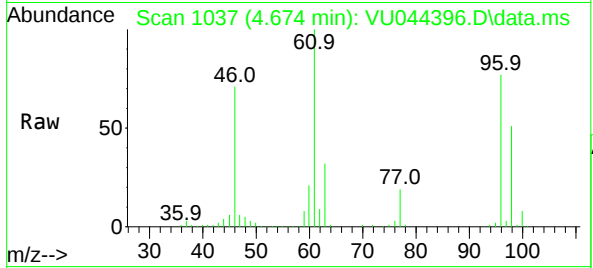




#22  
 cis-1,2-Dichloroethene  
 Concen: 11.947 ug/L  
 RT: 4.674 min Scan# 1037  
 Delta R.T. -0.003 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

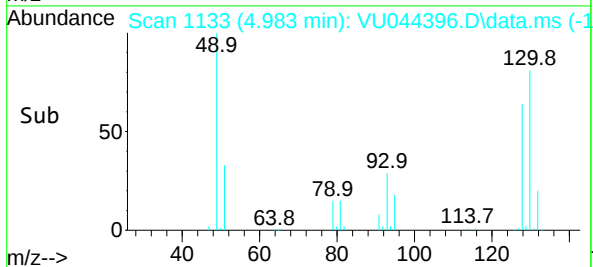
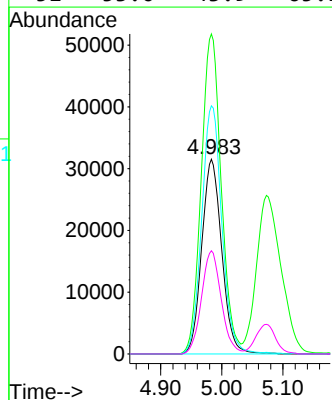
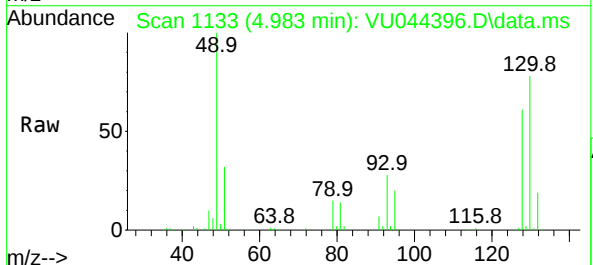
Instrument :  
 MSVOA\_U  
 ClientSampleId :

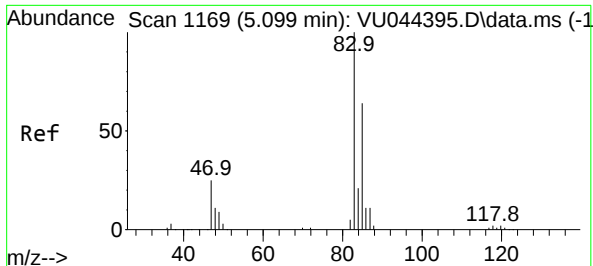
Tgt Ion: 96 Resp: 161210  
 Ion Ratio Lower Upper  
 96 100  
 61 129.6 89.9 166.9  
 98 65.8 44.1 81.9



#23  
 Bromochloromethane  
 Concen: 11.803 ug/L  
 RT: 4.983 min Scan# 1133  
 Delta R.T. -0.000 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

Tgt Ion:128 Resp: 71676  
 Ion Ratio Lower Upper  
 128 100  
 49 164.4 117.4 218.0  
 130 127.5 93.6 173.8  
 51 53.0 43.9 65.9



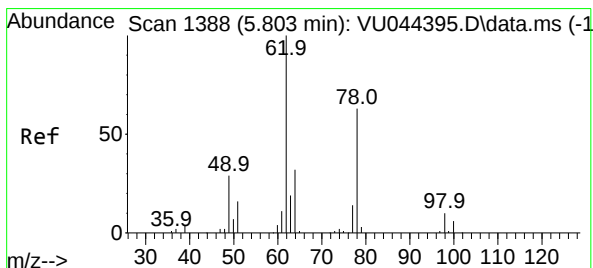
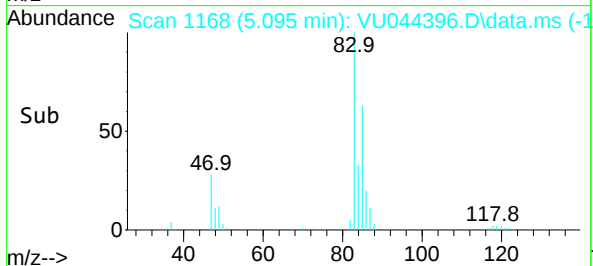
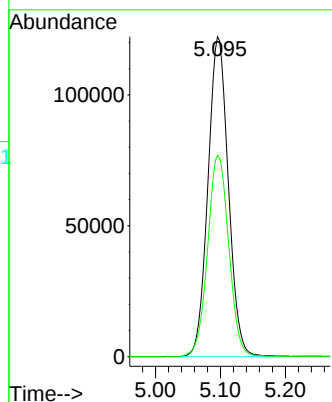
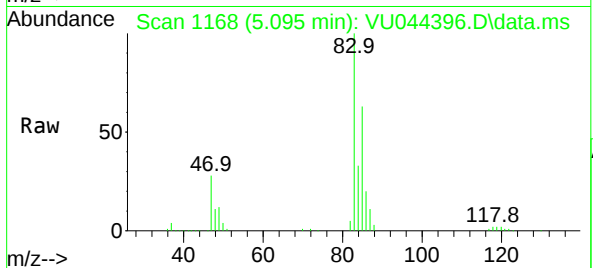


#25

Chloroform  
Concen: 10.847 ug/L  
RT: 5.095 min Scan# 1168  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Instrument :  
MSVOA\_U  
ClientSampled :

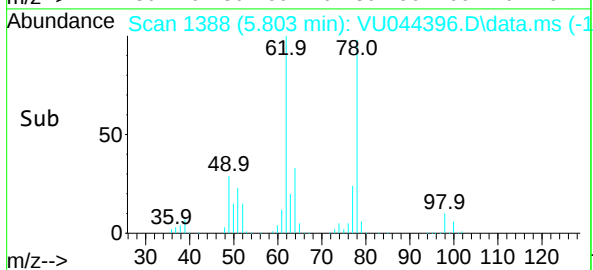
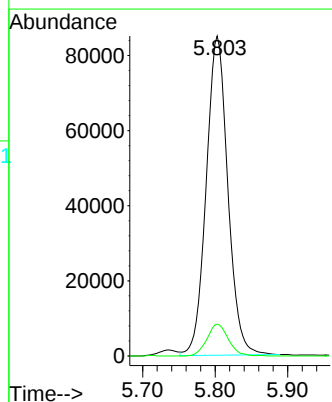
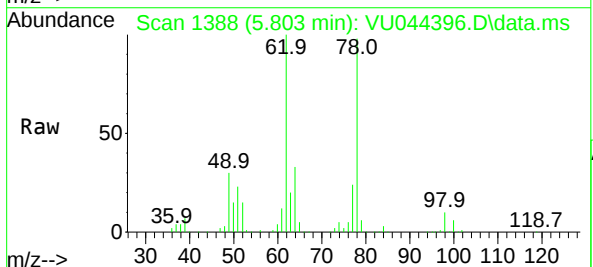
Tgt Ion: 83 Resp: 266556  
Ion Ratio Lower Upper  
83 100  
85 62.9 44.7 82.9

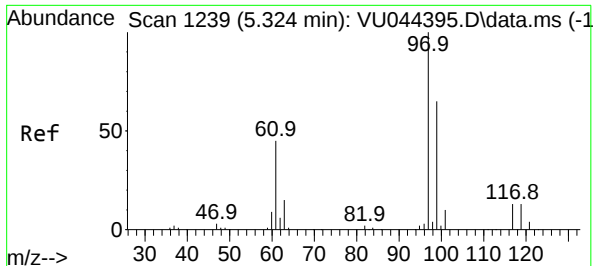


#27

1,2-Dichloroethane  
Concen: 10.812 ug/L  
RT: 5.803 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 62 Resp: 176110  
Ion Ratio Lower Upper  
62 100  
98 9.9 7.8 11.6



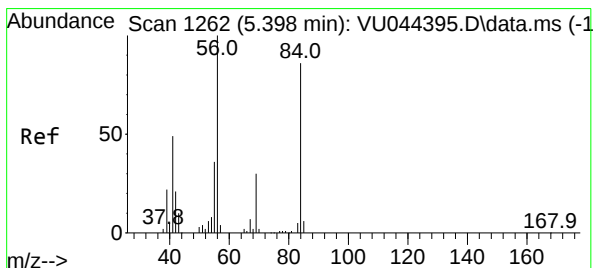
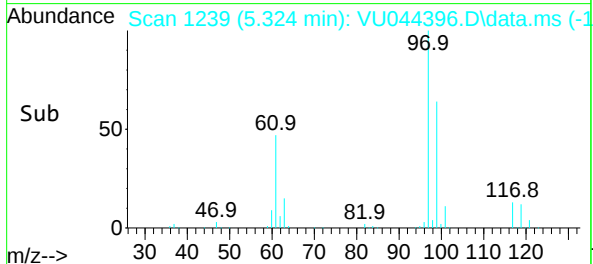
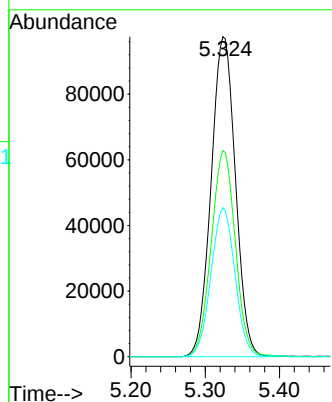
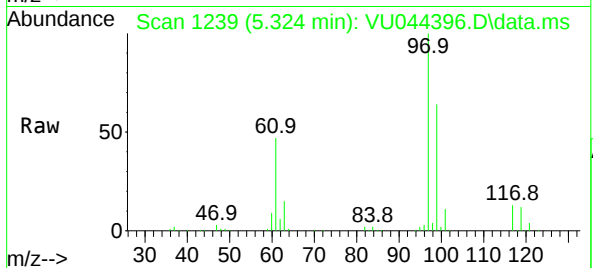


#29

1,1,1-Trichloroethane  
Concen: 10.556 ug/L  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Instrument :  
MSVOA\_U  
ClientSampled :

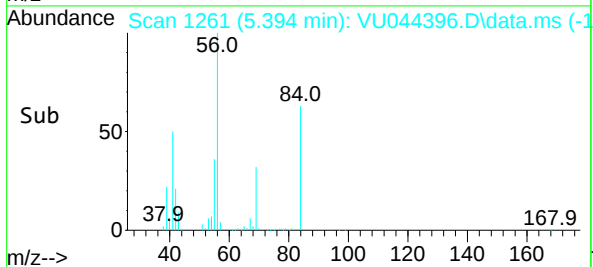
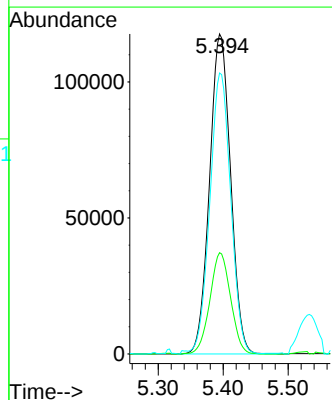
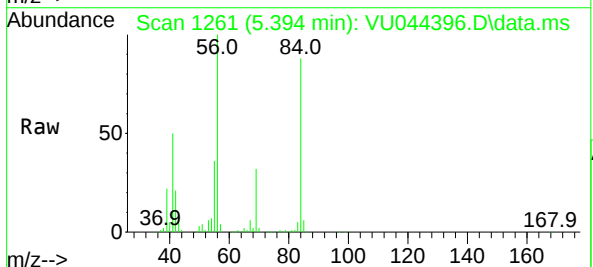
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 221781 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.0  | 52.6  | 78.8   |
| 61       | 45.9  | 36.9  | 55.3   |

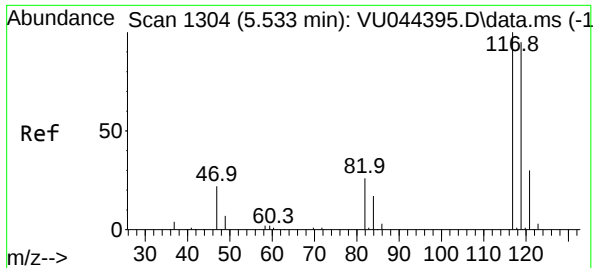


#30

Cyclohexane  
Concen: 11.806 ug/L  
RT: 5.394 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 264256 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 31.1  | 24.8  | 37.2   |
| 84       | 87.0  | 71.0  | 106.6  |

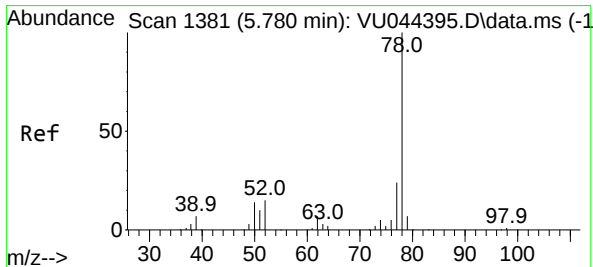
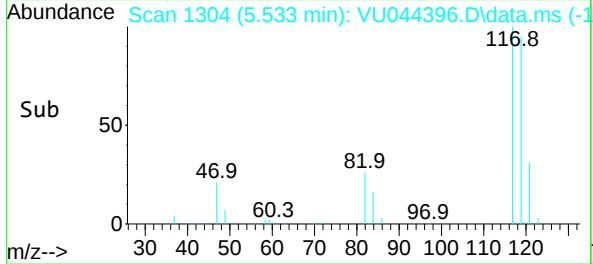
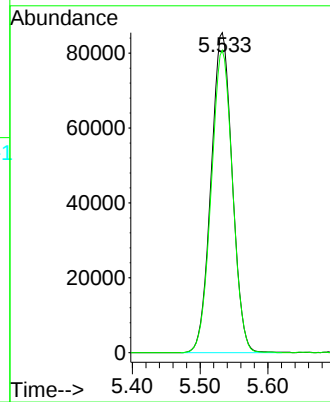
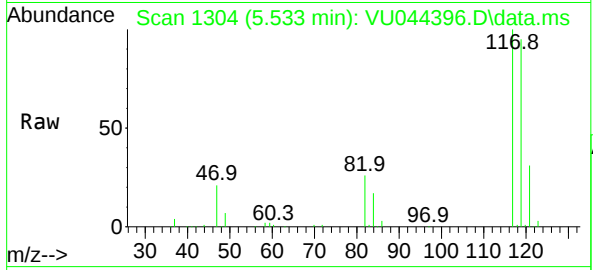




#31  
Carbon tetrachloride  
Concen: 10.376 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

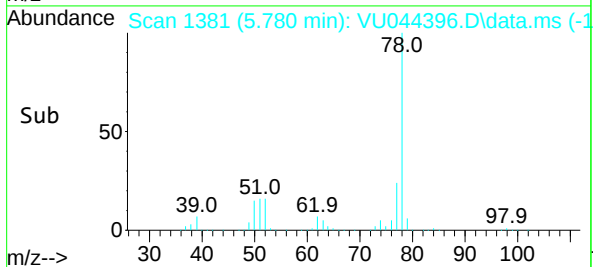
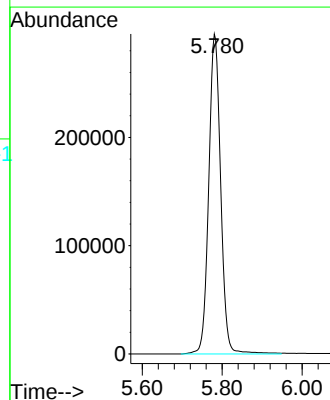
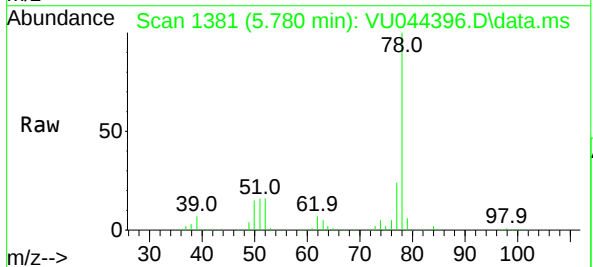
Instrument :  
MSVOA\_U  
ClientSampled :

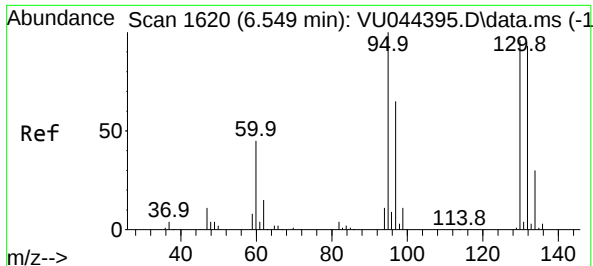
Tgt Ion:117 Resp: 185148  
Ion Ratio Lower Upper  
117 100  
119 95.0 75.8 113.6



#33  
Benzene  
Concen: 12.049 ug/L  
RT: 5.780 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 78 Resp: 615321





#34

Trichloroethene

Concen: 11.291 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

Tgt Ion: 95 Resp: 152951

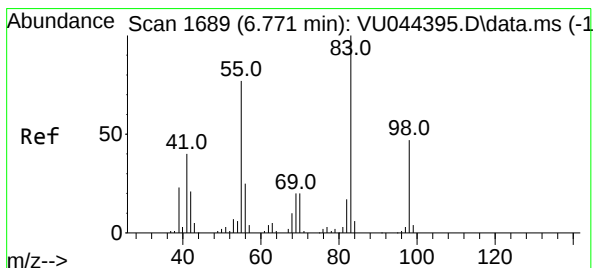
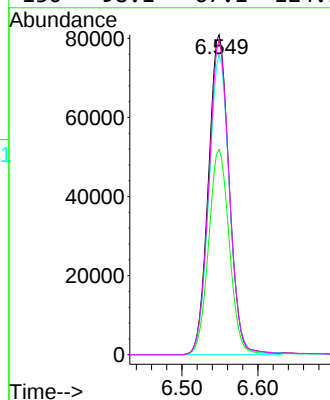
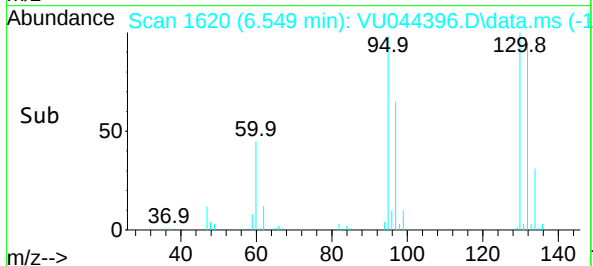
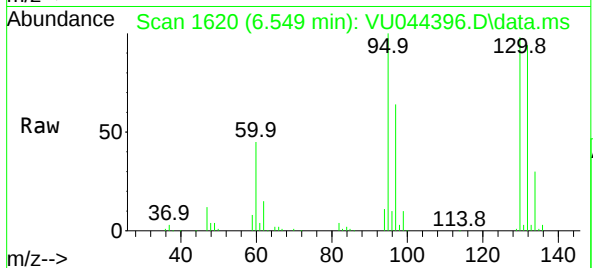
Ion Ratio Lower Upper

95 100

97 64.1 45.4 84.4

132 93.7 64.8 120.4

130 98.1 67.1 124.5



#35

Methylcyclohexane

Concen: 12.081 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

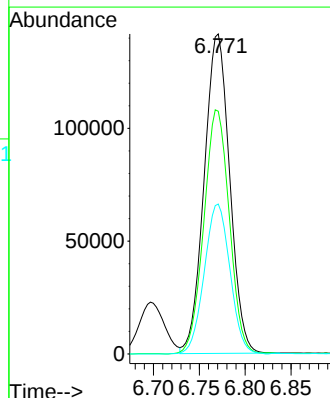
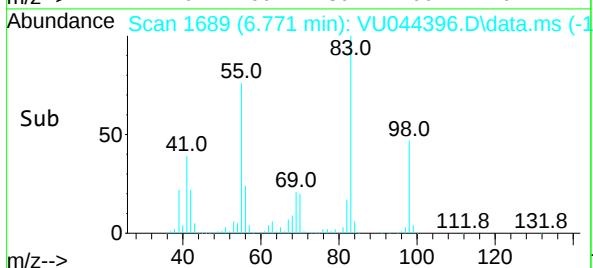
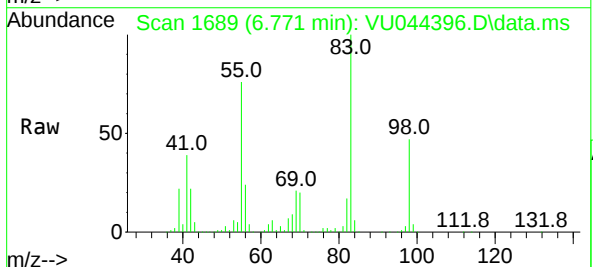
Tgt Ion: 83 Resp: 273924

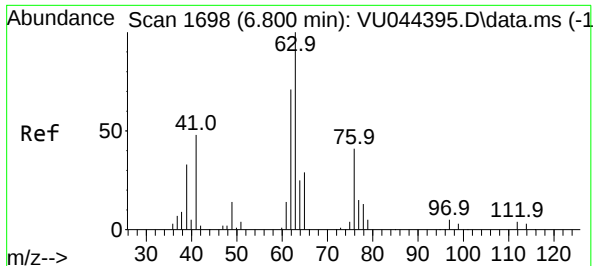
Ion Ratio Lower Upper

83 100

55 76.6 61.4 92.0

98 47.3 38.2 57.2



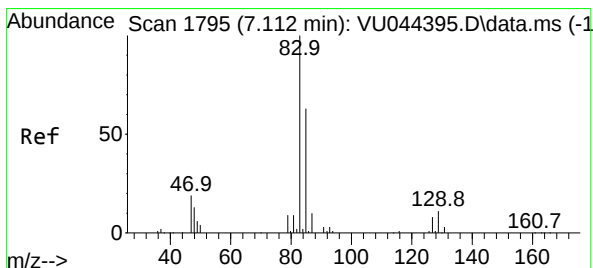
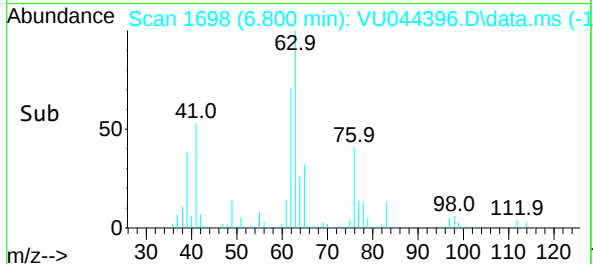
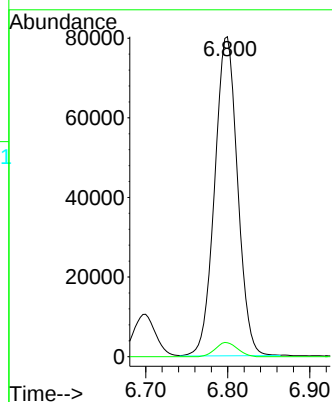
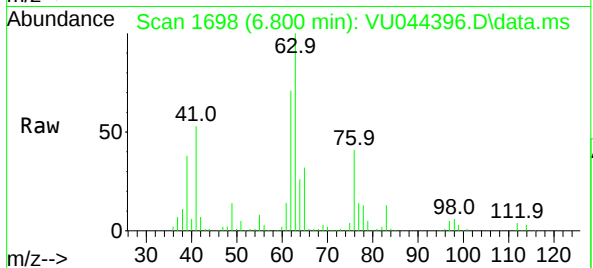


#37

1,2-Dichloropropane  
Concen: 11.695 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Instrument :  
MSVOA\_U  
ClientSampled :

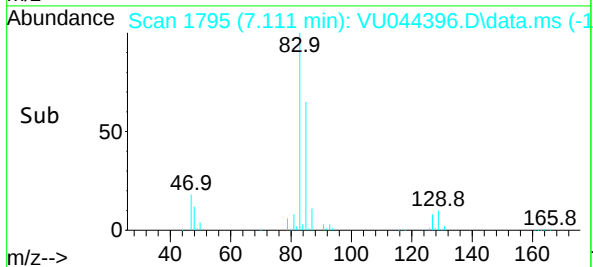
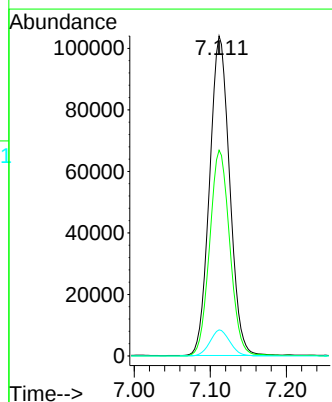
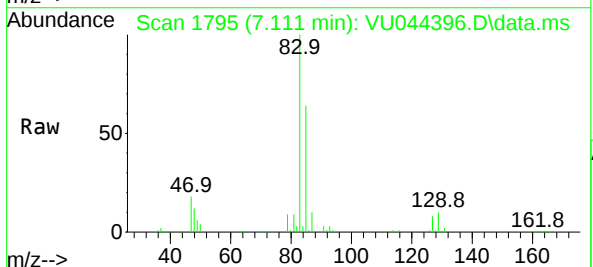
Tgt Ion: 63 Resp: 156022  
Ion Ratio Lower Upper  
63 100  
112 4.3 3.2 4.8

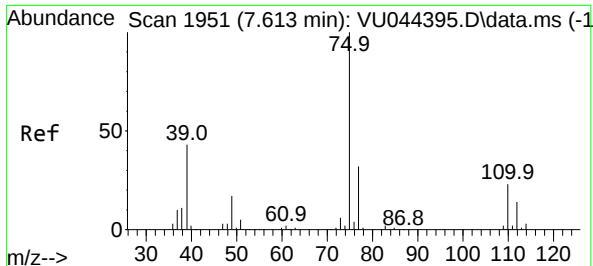


#38

Bromodichloromethane  
Concen: 10.430 ug/L  
RT: 7.111 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 83 Resp: 190444  
Ion Ratio Lower Upper  
83 100  
85 64.3 44.0 81.6  
127 8.1 6.6 10.0

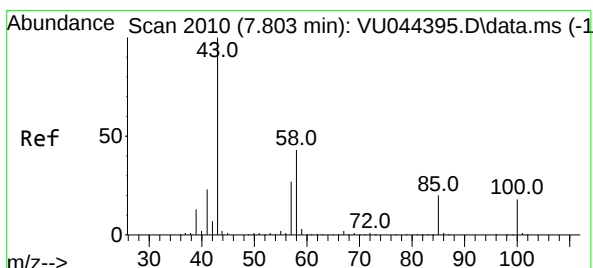
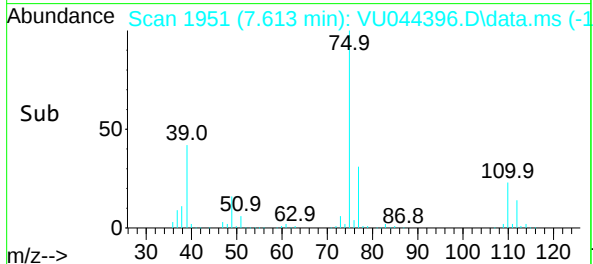
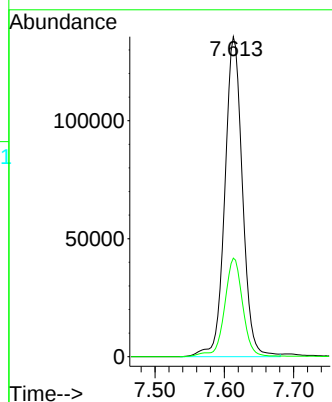
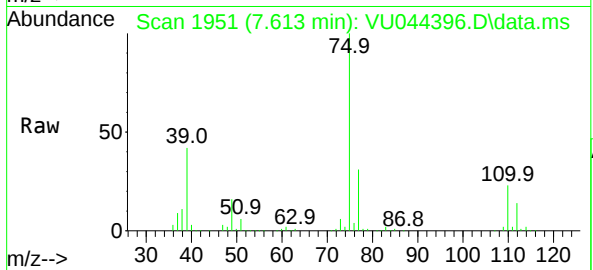




#39  
cis-1,3-Dichloropropene  
Concen: 11.207 ug/L  
RT: 7.613 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

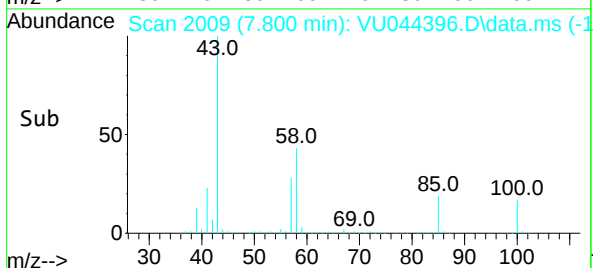
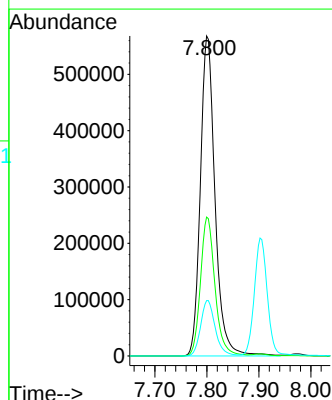
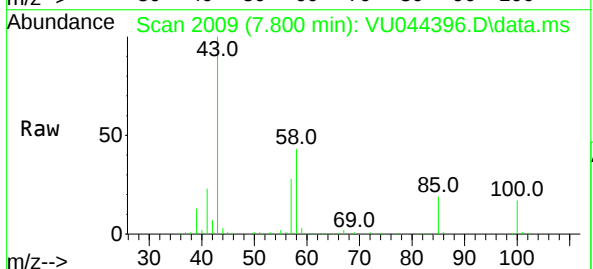
Instrument :  
MSVOA\_U  
ClientSampled :

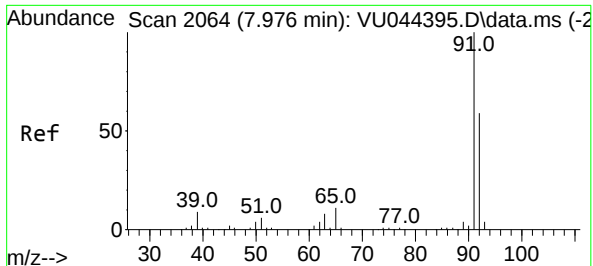
Tgt Ion: 75 Resp: 240272  
Ion Ratio Lower Upper  
75 100  
77 30.8 22.3 41.5



#40  
4-Methyl-2-pentanone  
Concen: 106.468 ug/L  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 43 Resp: 1114289  
Ion Ratio Lower Upper  
43 100  
58 43.0 34.6 52.0  
100 17.3 13.9 20.9

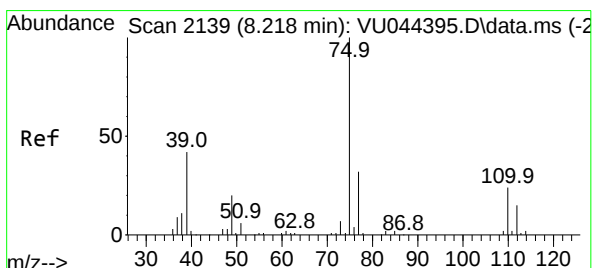
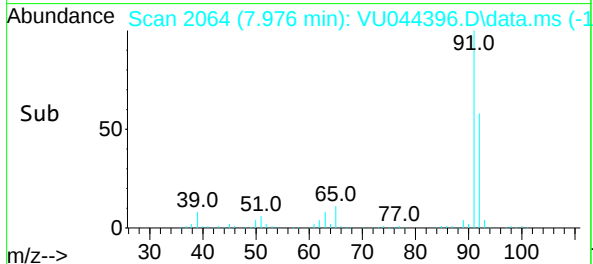
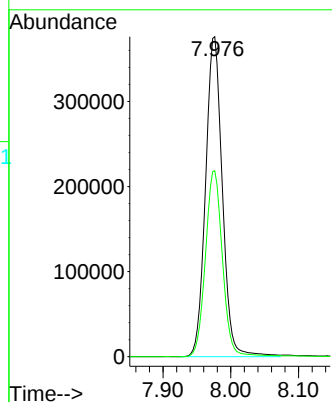
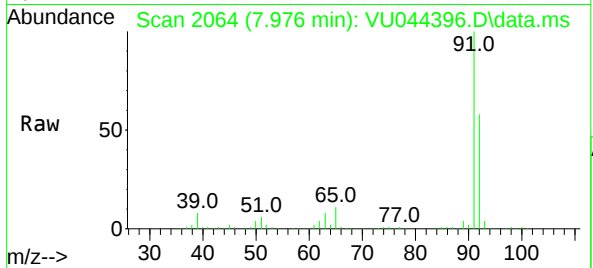




#42  
Toluene  
Concen: 11.646 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

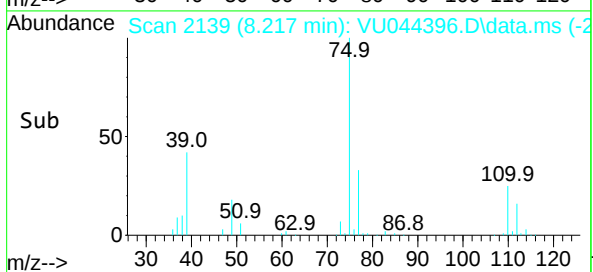
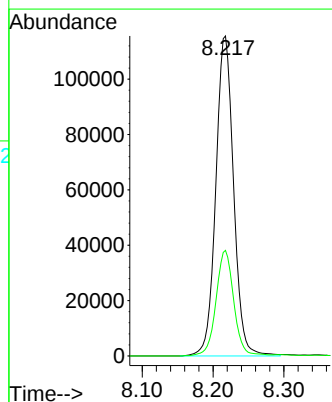
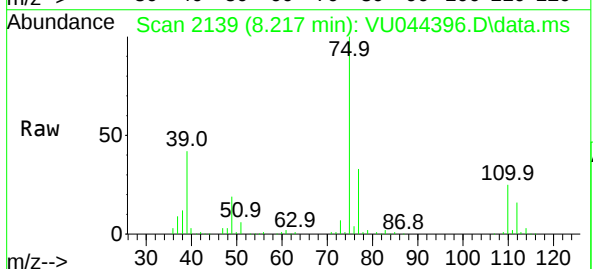
Instrument :  
MSVOA\_U  
ClientSampled :

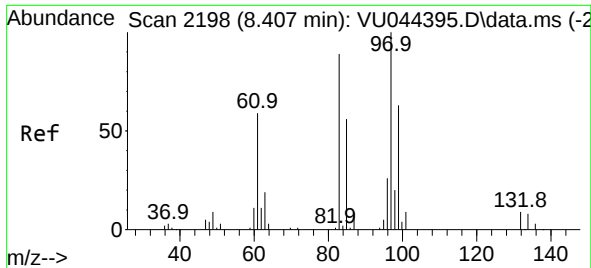
Tgt Ion: 91 Resp: 647891  
Ion Ratio Lower Upper  
91 100  
92 58.1 41.3 76.7



#44  
trans-1,3-Dichloropropene  
Concen: 10.361 ug/L  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 75 Resp: 201502  
Ion Ratio Lower Upper  
75 100  
77 33.0 22.5 41.7

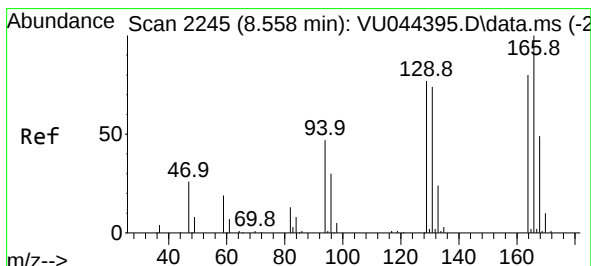
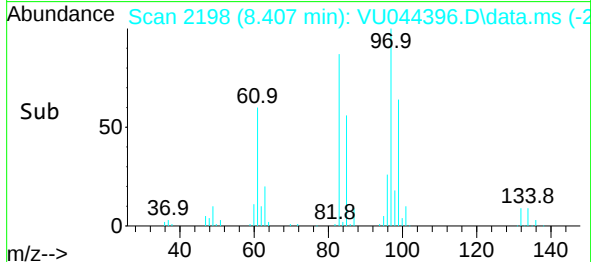
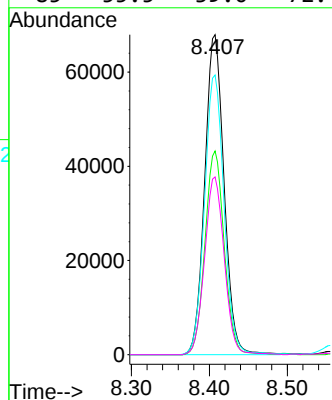
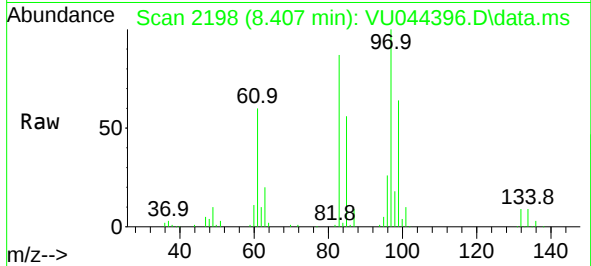




#45  
1,1,2-Trichloroethane  
Concen: 11.636 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

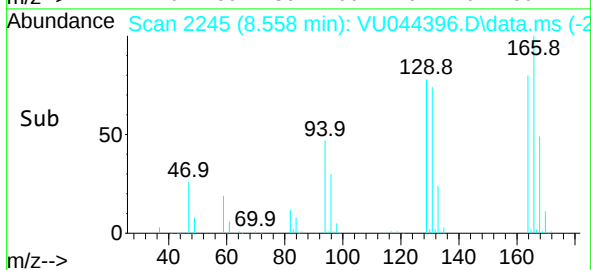
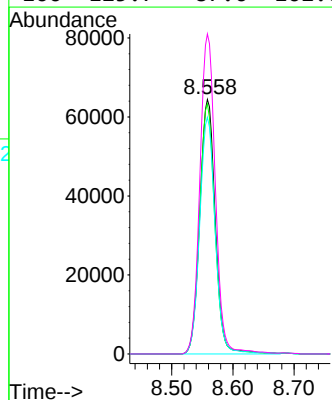
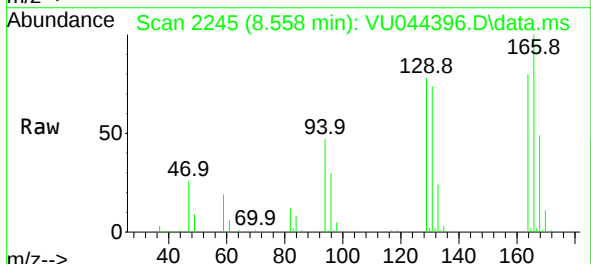
Instrument :  
MSVOA\_U  
ClientSampled :

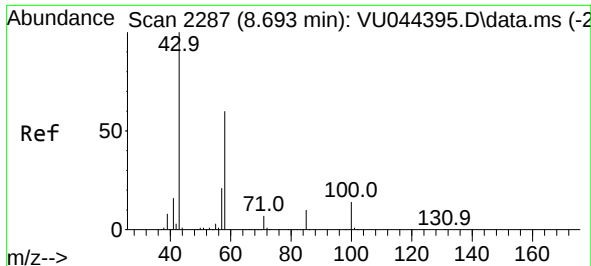
Tgt Ion: 97 Resp: 117380  
Ion Ratio Lower Upper  
97 100  
99 63.7 44.0 81.6  
83 87.4 62.2 115.4  
85 55.5 39.0 72.4



#47  
Tetrachloroethene  
Concen: 11.222 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

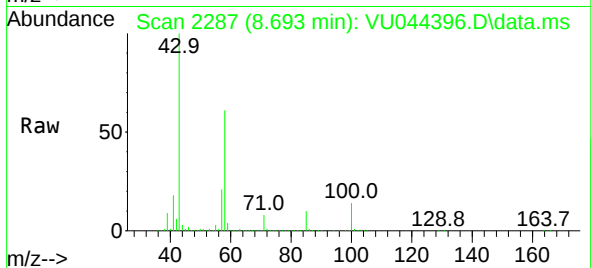
Tgt Ion:164 Resp: 113400  
Ion Ratio Lower Upper  
164 100  
129 98.2 67.8 126.0  
131 92.9 64.7 120.1  
166 125.7 87.6 162.6



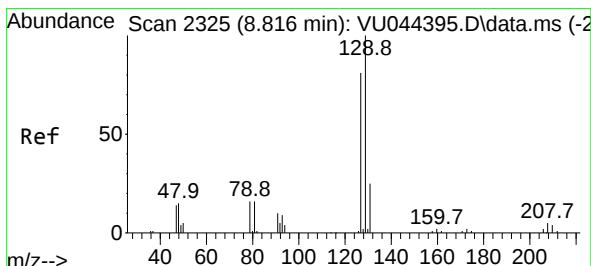
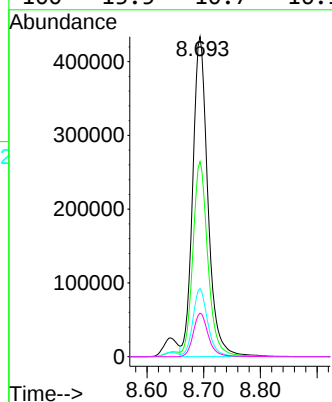
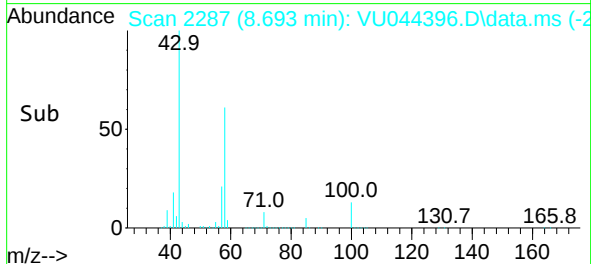


#48  
2-Hexanone  
Concen: 107.703 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

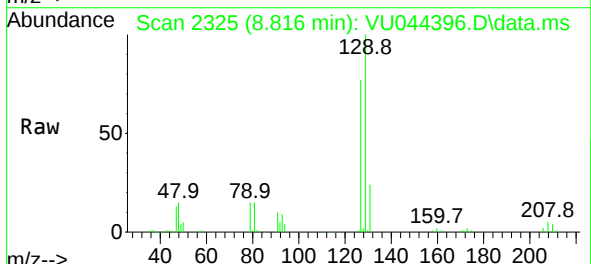
Instrument :  
MSVOA\_U  
ClientSampled :



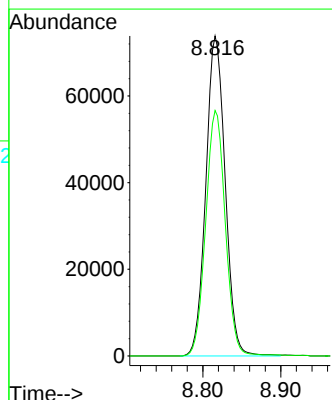
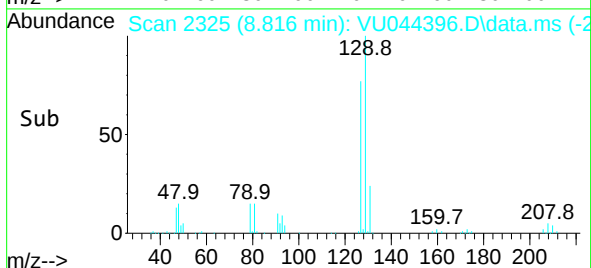
Tgt Ion: 43 Resp: 805329  
Ion Ratio Lower Upper  
43 100  
58 60.7 47.3 70.9  
57 21.2 16.6 24.8  
100 13.5 10.7 16.1

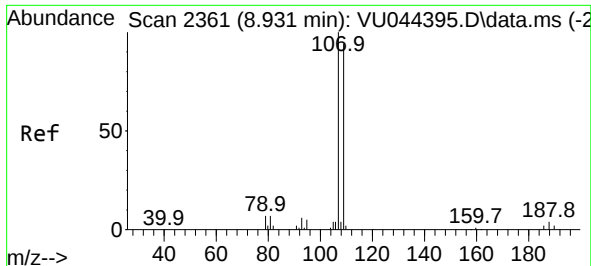


#49  
Dibromochloromethane  
Concen: 10.349 ug/L  
RT: 8.816 min Scan# 2325  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13



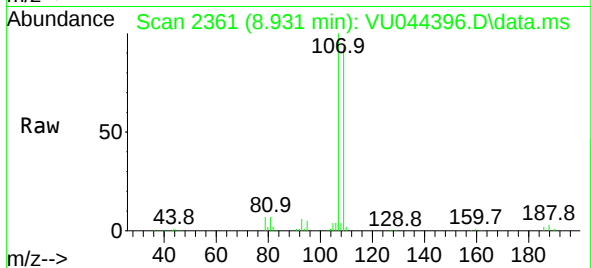
Tgt Ion: 129 Resp: 127368  
Ion Ratio Lower Upper  
129 100  
127 76.7 56.4 104.8



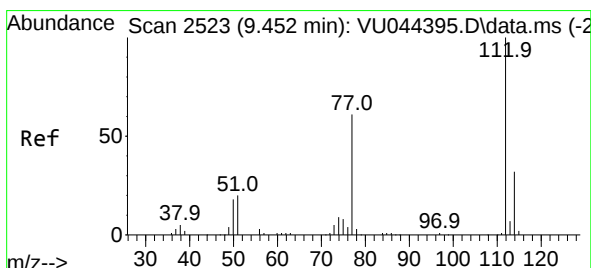
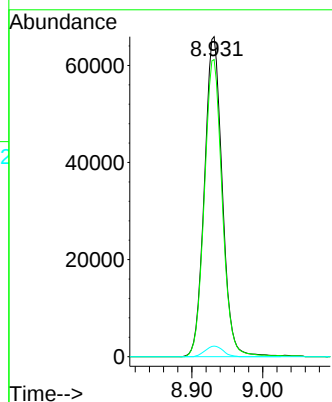
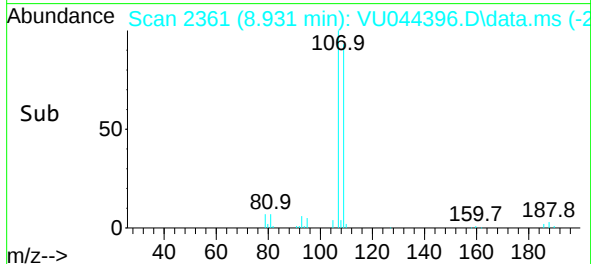


#50  
1,2-Dibromoethane  
Concen: 11.804 ug/L  
RT: 8.931 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

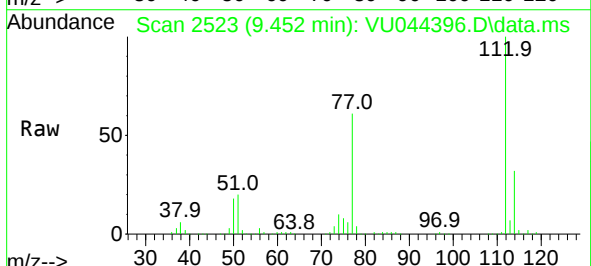
Instrument :  
MSVOA\_U  
ClientSampled :



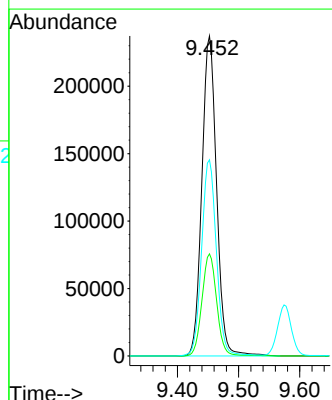
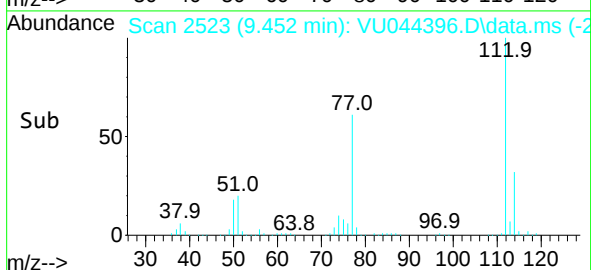
Tgt Ion:107 Resp: 114757  
Ion Ratio Lower Upper  
107 100  
109 92.9 66.0 122.6  
188 3.3 2.8 4.2

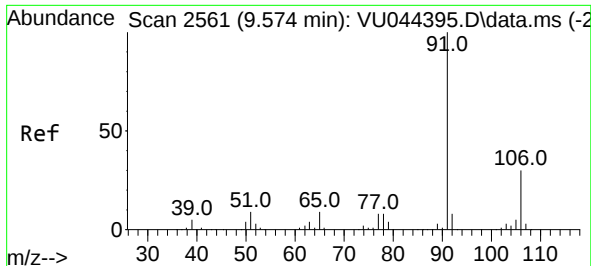


#51  
Chlorobenzene  
Concen: 11.211 ug/L  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13



Tgt Ion:112 Resp: 396530  
Ion Ratio Lower Upper  
112 100  
114 31.9 22.5 41.7  
77 61.3 48.9 73.3

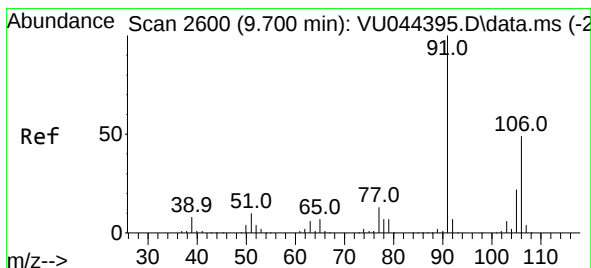
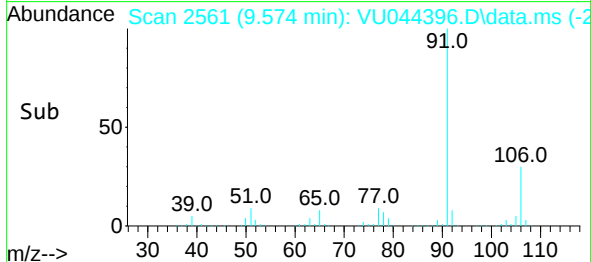
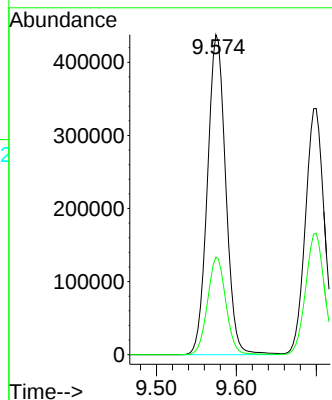
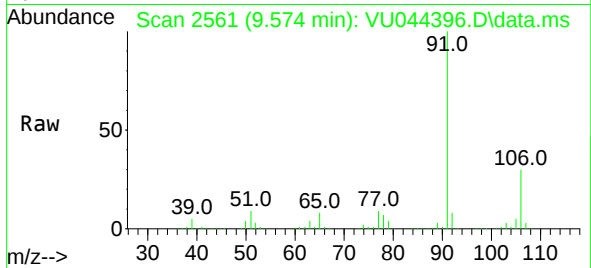




#52  
Ethylbenzene  
Concen: 11.027 ug/L  
RT: 9.574 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

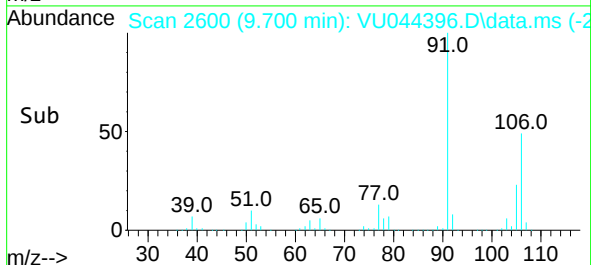
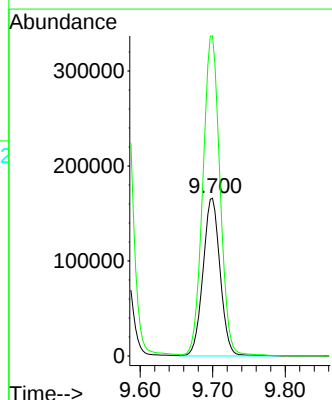
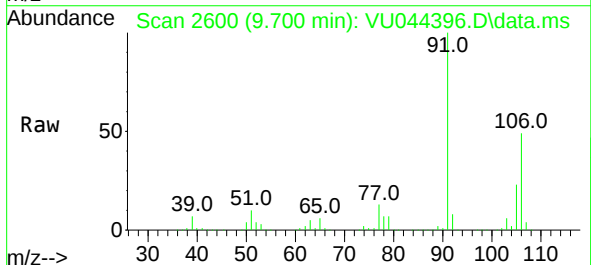
Instrument :  
MSVOA\_U  
ClientSampled :

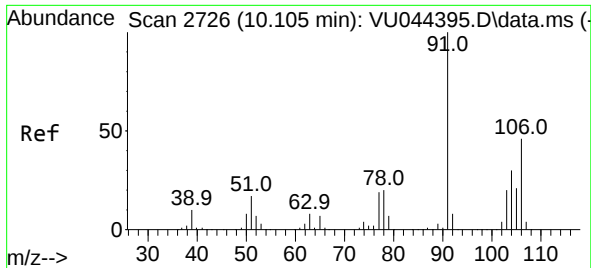
Tgt Ion: 91 Resp: 697509  
Ion Ratio Lower Upper  
91 100  
106 30.5 20.9 38.9



#53  
m,p-Xylene  
Concen: 11.324 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 106 Resp: 272192  
Ion Ratio Lower Upper  
106 100  
91 202.8 144.1 267.5

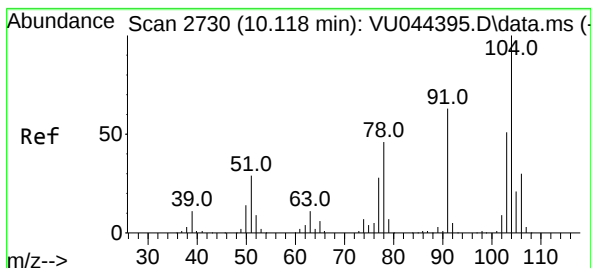
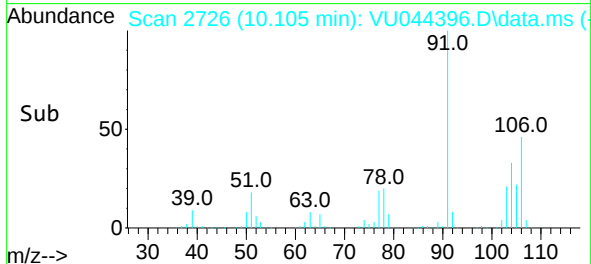
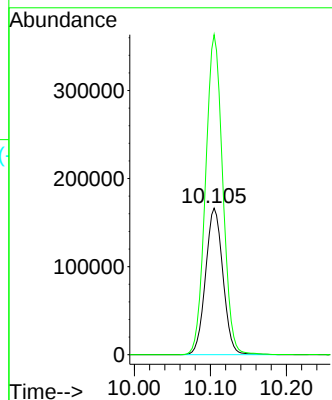
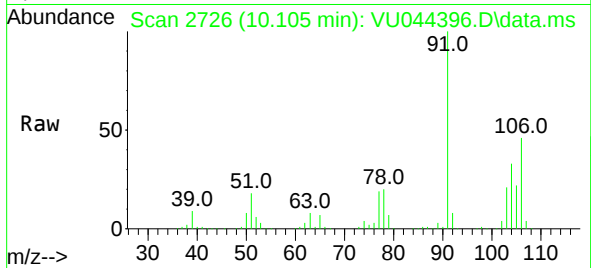




#54  
o-Xylene  
Concen: 11.283 ug/L  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

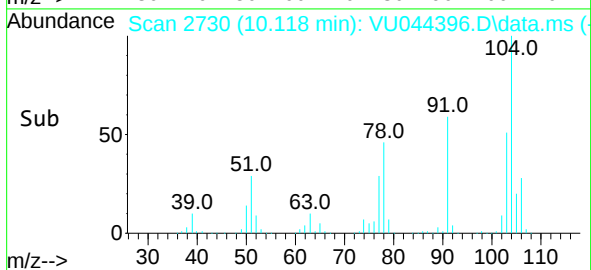
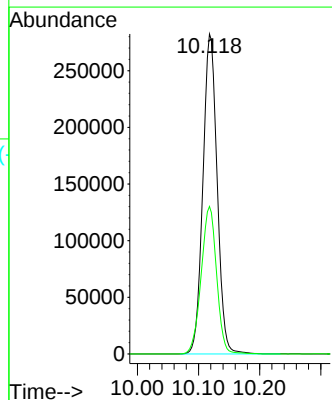
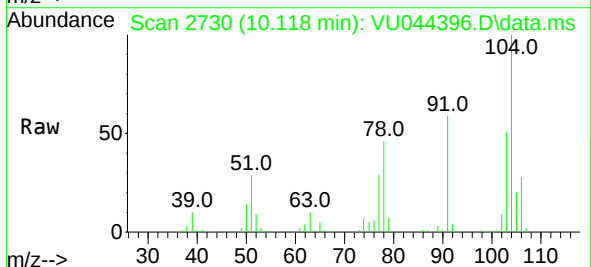
Instrument :  
MSVOA\_U  
ClientSampled :

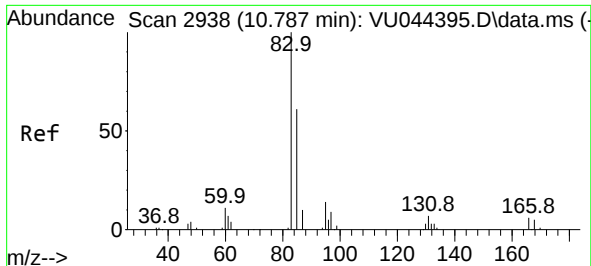
Tgt Ion:106 Resp: 263900  
Ion Ratio Lower Upper  
106 100  
91 218.2 151.0 280.4



#55  
Styrene  
Concen: 11.183 ug/L  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion:104 Resp: 456617  
Ion Ratio Lower Upper  
104 100  
78 46.1 32.1 59.5

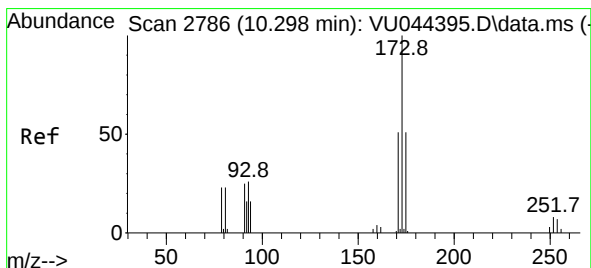
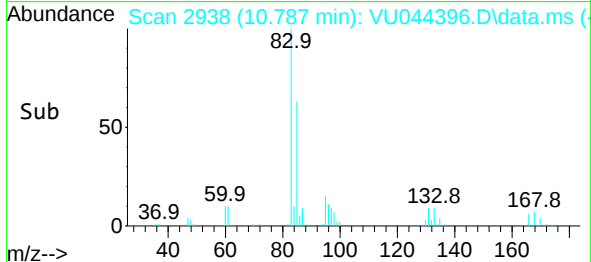
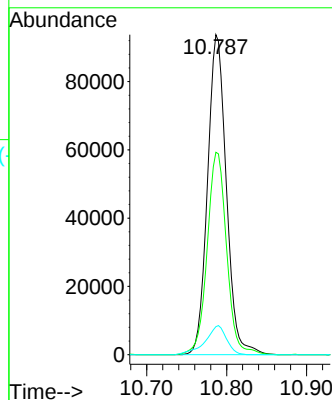
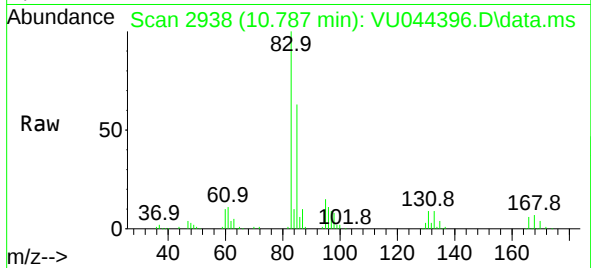




#57  
1,1,2,2-Tetrachloroethane  
Concen: 11.436 ug/L  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

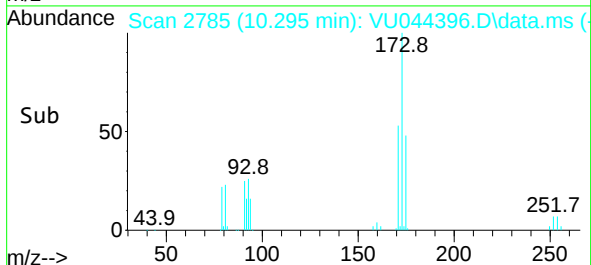
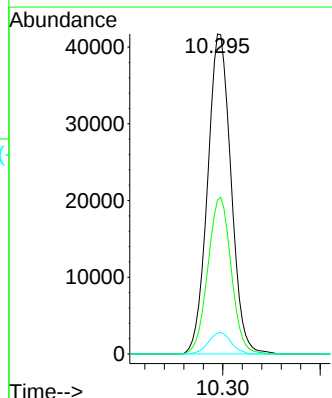
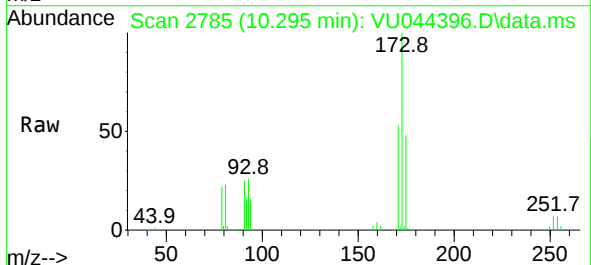
Instrument :  
MSVOA\_U  
ClientSampleId :

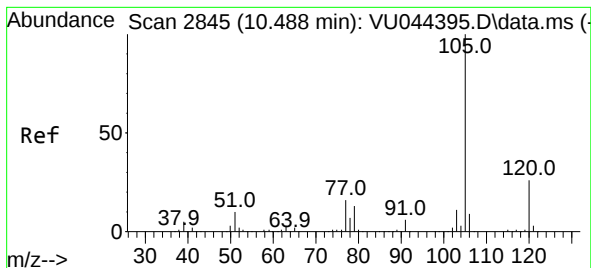
Tgt Ion: 83 Resp: 153367  
Ion Ratio Lower Upper  
83 100  
85 63.3 43.4 80.6  
131 8.7 6.6 9.8



#59  
Bromoform  
Concen: 10.261 ug/L  
RT: 10.295 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion:173 Resp: 69611  
Ion Ratio Lower Upper  
173 100  
175 48.7 38.6 57.8  
254 6.5 5.4 8.2

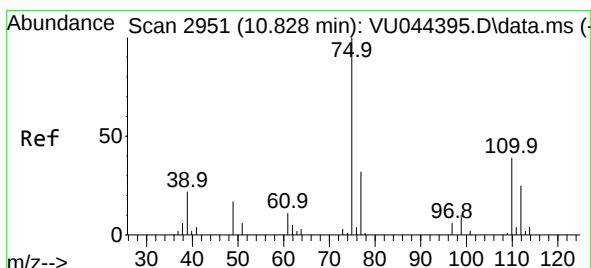
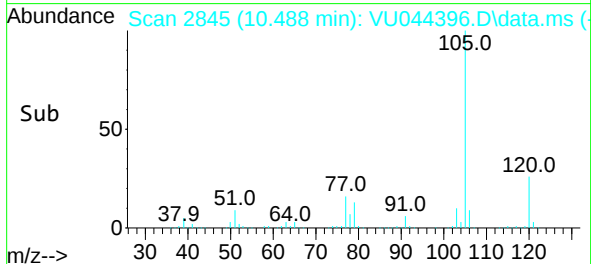
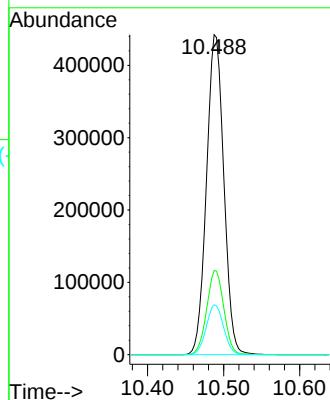
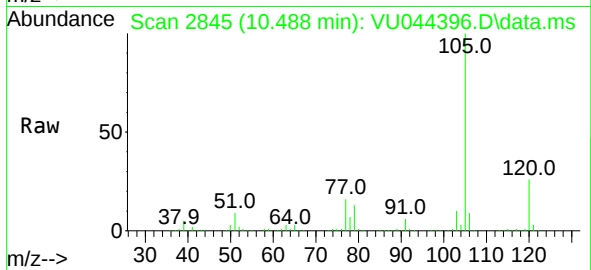




#60  
Isopropylbenzene  
Concen: 11.558 ug/L  
RT: 10.488 min Scan# 2845  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

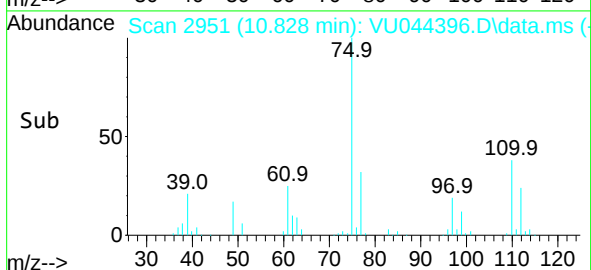
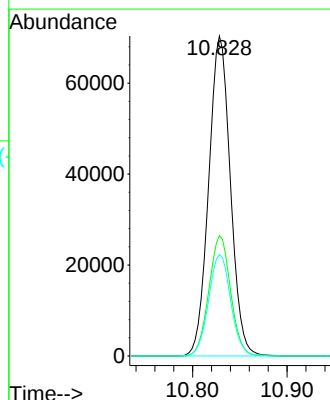
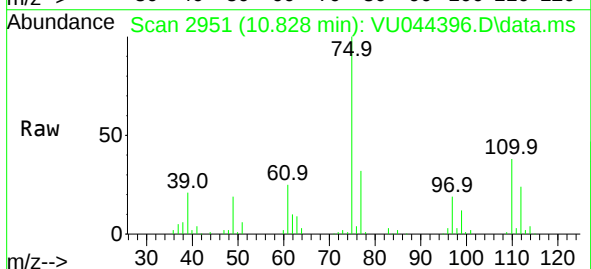
Instrument :  
MSVOA\_U  
ClientSampled :

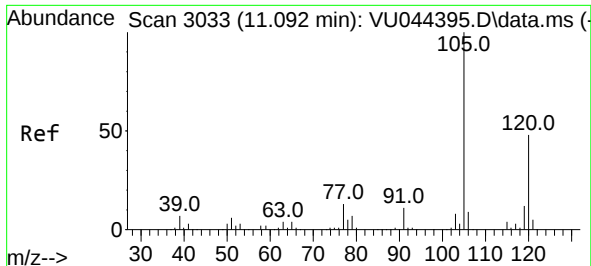
Tgt Ion:105 Resp: 699522  
Ion Ratio Lower Upper  
105 100  
120 26.1 20.7 31.1  
77 15.6 12.7 19.1



#61  
1,2,3-Trichloropropane  
Concen: 12.198 ug/L  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 75 Resp: 112134  
Ion Ratio Lower Upper  
75 100  
110 37.6 30.2 45.2  
77 32.5 26.2 39.2

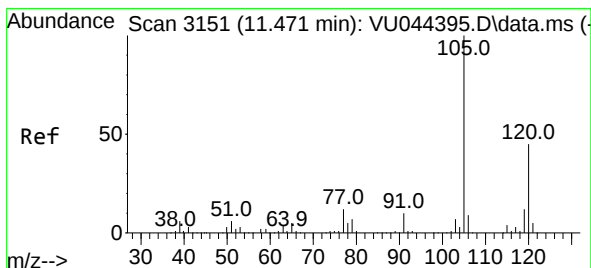
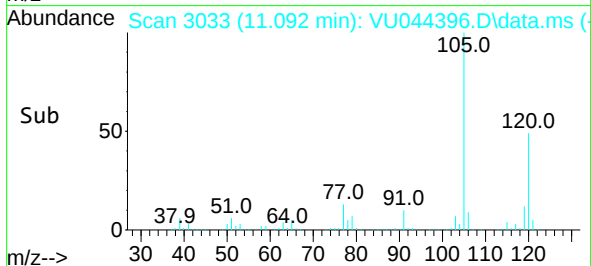
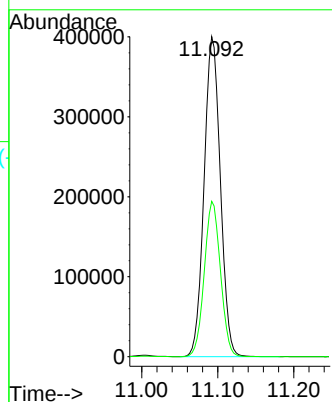
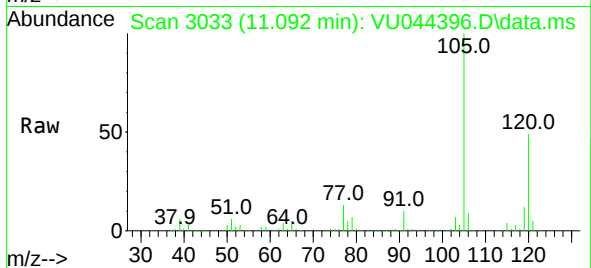




#62  
1,3,5-Trimethylbenzene  
Concen: 11.383 ug/L  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

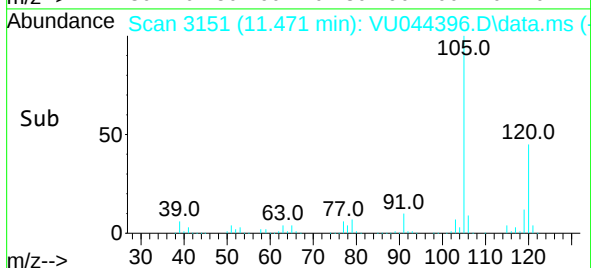
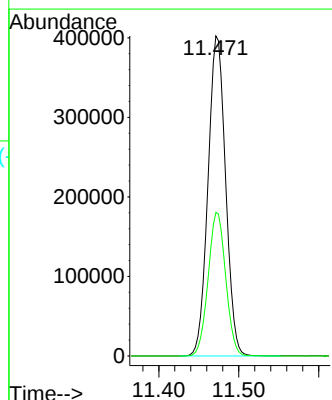
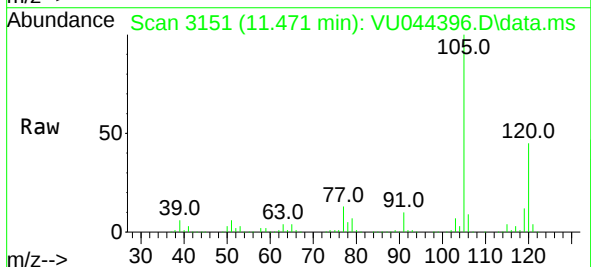
Instrument :  
MSVOA\_U  
ClientSampled :

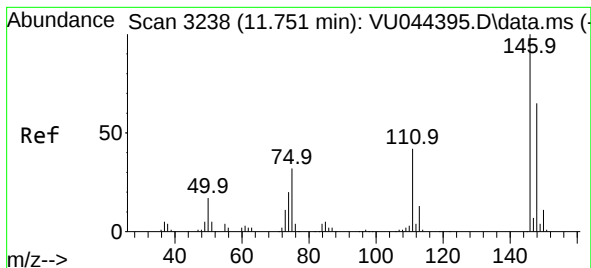
Tgt Ion:105 Resp: 596210  
Ion Ratio Lower Upper  
105 100  
120 48.3 38.8 58.2



#63  
1,2,4-Trimethylbenzene  
Concen: 11.435 ug/L  
RT: 11.471 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion:105 Resp: 615170  
Ion Ratio Lower Upper  
105 100  
120 44.8 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 11.339 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. -0.000 min

Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

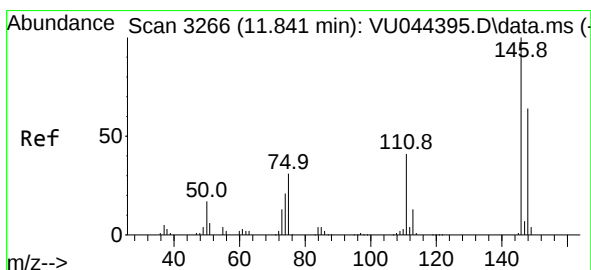
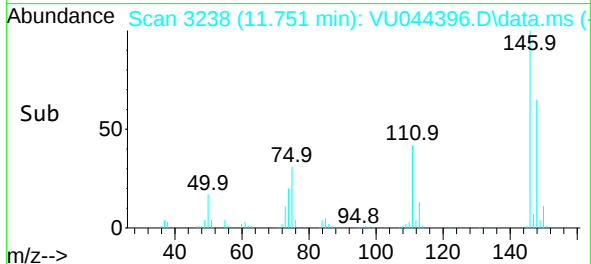
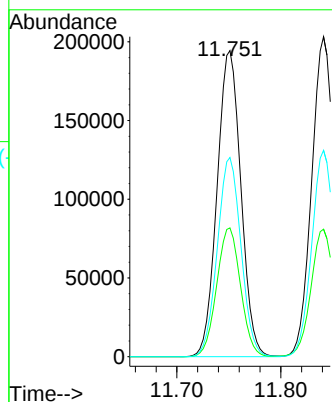
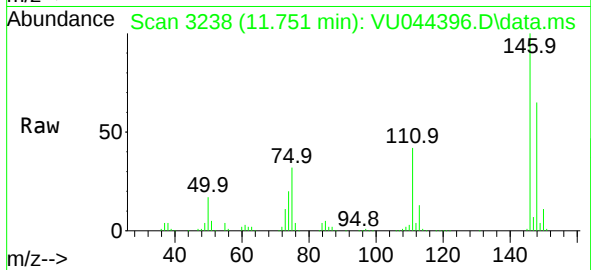
Tgt Ion:146 Resp: 309786

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.7

148 65.1 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 11.333 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. -0.000 min

Lab File: VU044396.D

Acq: 23 Jul 2021 11:13

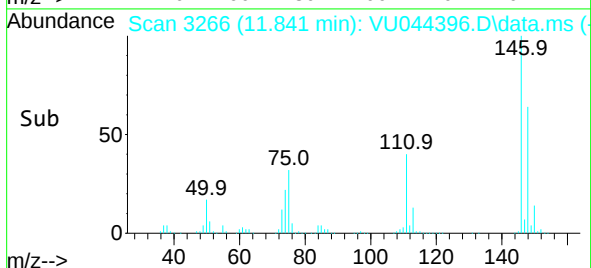
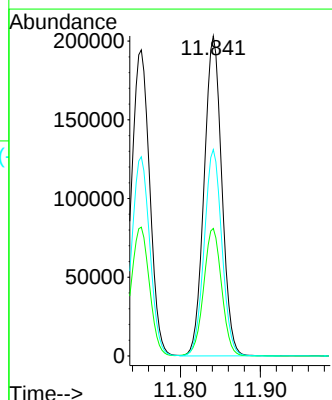
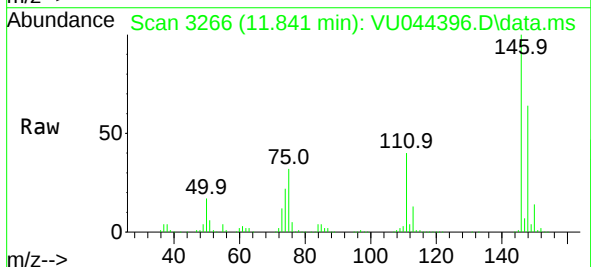
Tgt Ion:146 Resp: 312553

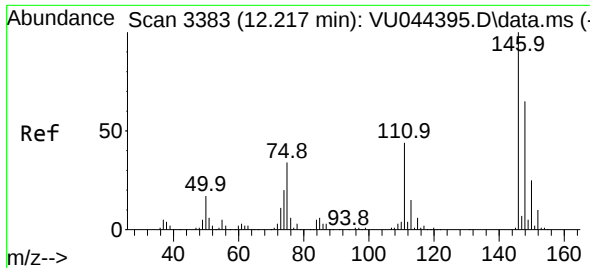
Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.4

148 64.5 44.9 83.3

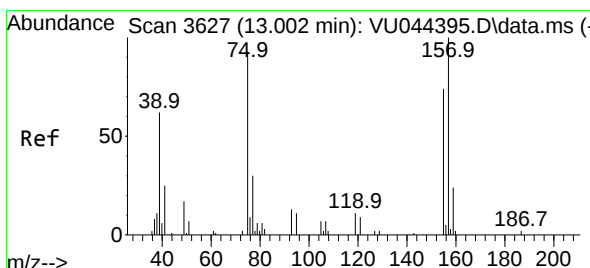
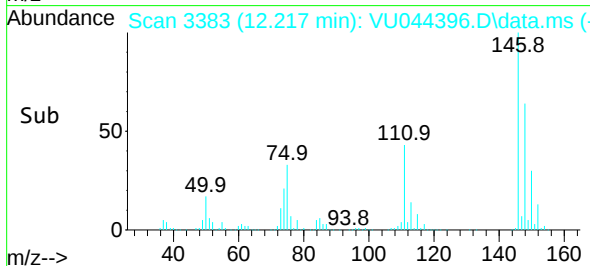
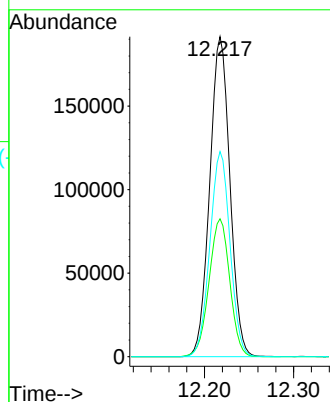
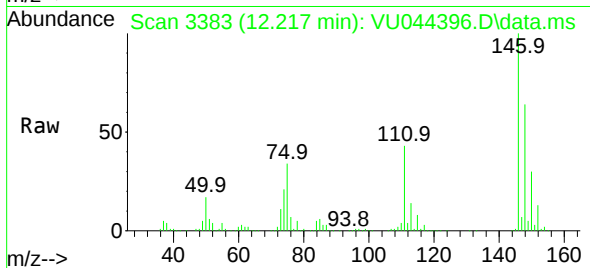




#67  
1,2-Dichlorobenzene  
Concen: 11.653 ug/L  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

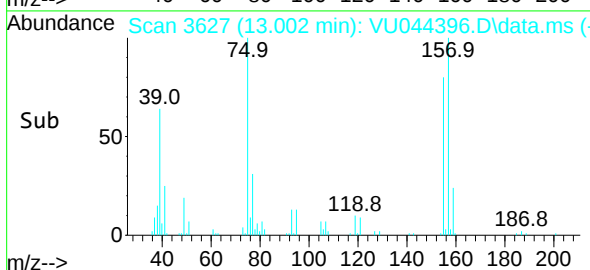
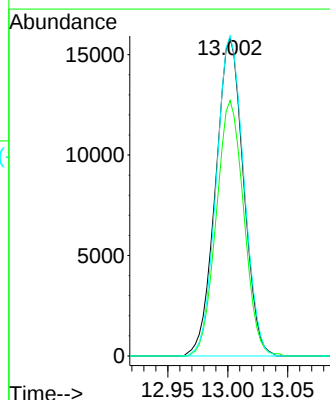
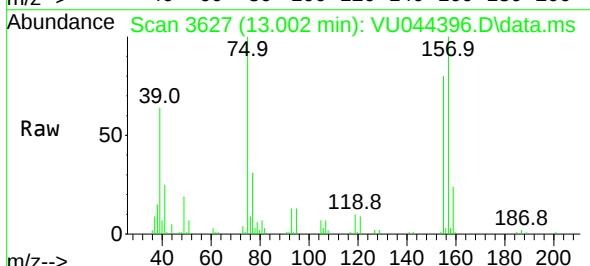
Instrument :  
MSVOA\_U  
ClientSampleId :

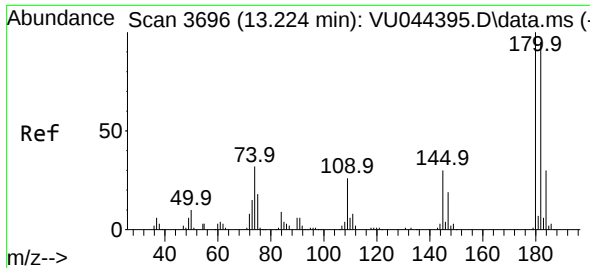
Tgt Ion:146 Resp: 300920  
Ion Ratio Lower Upper  
146 100  
111 43.1 35.1 52.7  
148 64.1 52.0 78.0



#68  
1,2-Dibromo-3-chloropropane  
Concen: 10.996 ug/L  
RT: 13.002 min Scan# 3627  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion: 75 Resp: 25608  
Ion Ratio Lower Upper  
75 100  
155 80.1 63.2 94.8  
157 100.3 85.8 128.6

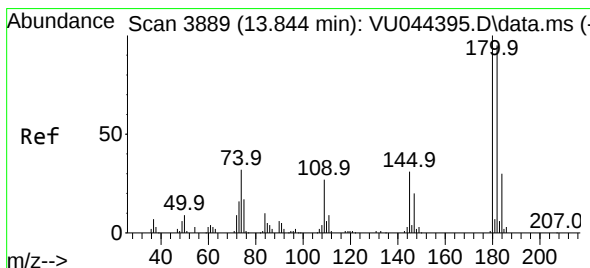
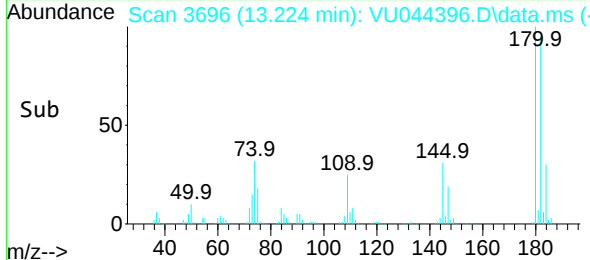
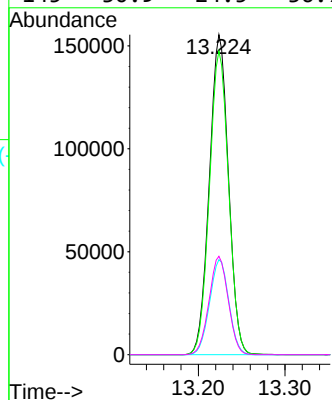
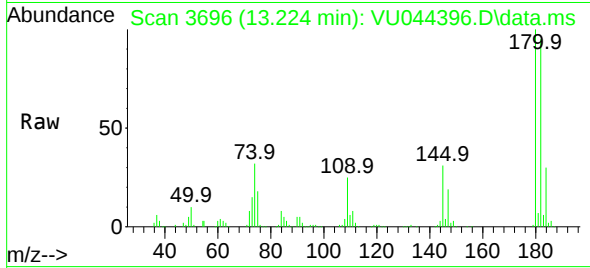




#69  
 1,3,5-Trichlorobenzene  
 Concen: 11.499 ug/L  
 RT: 13.224 min Scan# 3696  
 Delta R.T. -0.000 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

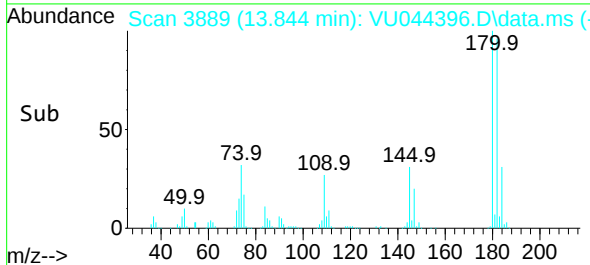
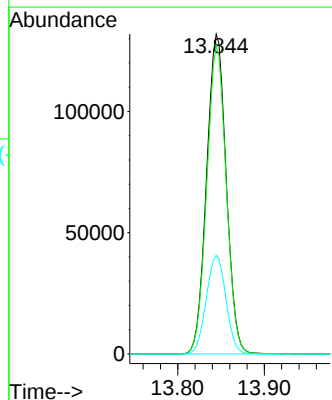
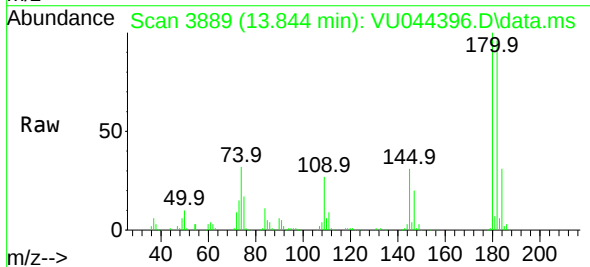
Instrument :  
 MSVOA\_U  
 ClientSampleId :

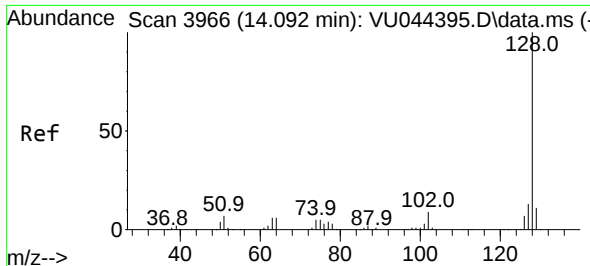
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 237748 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.3  | 75.6  | 113.4  |
| 184       | 30.0  | 23.8  | 35.6   |
| 145       | 30.9  | 24.5  | 36.7   |



#70  
 1,2,4-trichlorobenzene  
 Concen: 11.809 ug/L  
 RT: 13.844 min Scan# 3889  
 Delta R.T. -0.000 min  
 Lab File: VU044396.D  
 Acq: 23 Jul 2021 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 207588 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 76.3  | 114.5  |
| 145       | 30.9  | 24.7  | 37.1   |

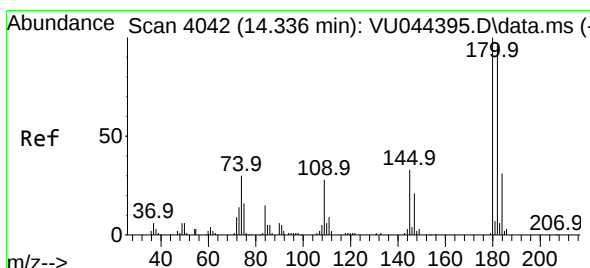
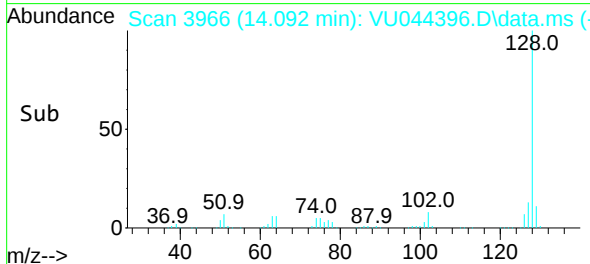
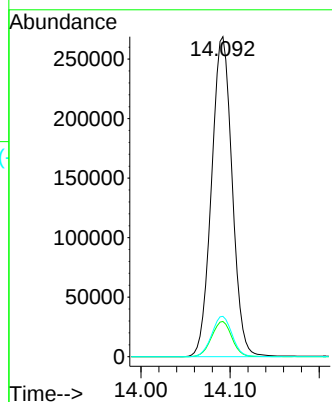
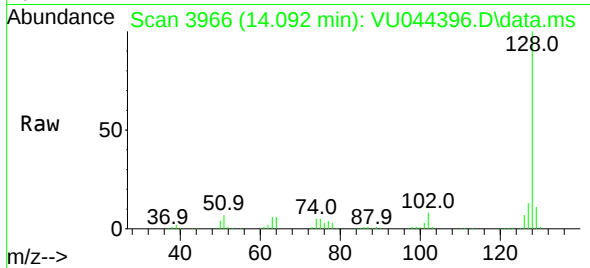




#71  
Naphthalene  
Concen: 13.239 ug/L  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:128 Resp: 430966  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 12.5 10.2 15.4



#72  
1,2,3-Trichlorobenzene  
Concen: 12.378 ug/L  
RT: 14.333 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VU044396.D  
Acq: 23 Jul 2021 11:13

Tgt Ion:180 Resp: 190557  
Ion Ratio Lower Upper  
180 100  
182 94.9 76.6 115.0  
145 33.1 27.0 40.4

