

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021921\  
 Data File : VU042355.D  
 Acq On : 19 Feb 2021 11:16  
 Operator : SY/MD  
 Sample : VSTD01002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 19 13:04:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR021921WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Feb 19 13:01:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 117778   | 5.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117  | 112722   | 5.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 63906    | 5.00   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 63898    | 8.67   | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 58657    | 9.58   | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63   | 174488   | 10.34  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.645  | 46   | 321338   | 113.28 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 170905   | 10.60  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65   | 102536   | 10.60  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 301562   | 10.24  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 101662   | 10.64  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 284936   | 10.18  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 43245    | 9.26   | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.645  | 63   | 234296   | 110.62 | ug/L  | 0.00     |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 90898    | 11.03  | ug/L  | 0.00     |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 120298   | 10.43  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 121537   | 10.76  | ug/L  | 100      |
| 3) Chloromethane              | 1.523  | 50   | 107888   | 10.74  | ug/L  | 99       |
| 5) Vinyl chloride             | 1.607  | 62   | 109287   | 11.25  | ug/L  | 99       |
| 6) Bromomethane               | 1.864  | 94   | 65257    | 11.26  | ug/L  | 98       |
| 8) Chloroethane               | 1.938  | 64   | 62231    | 10.98  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 169367   | 12.32  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 94259    | 11.06  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.588  | 96   | 86499    | 10.65  | ug/L  | 92       |
| 13) Acetone                   | 2.655  | 43   | 145265   | 80.27  | ug/L  | 98       |
| 14) Carbon disulfide          | 2.800  | 76   | 290960   | 10.79  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 40549    | 9.41   | ug/L  | 98       |
| 16) Methylene chloride        | 3.054  | 84   | 91917    | 9.67   | ug/L  | 94       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73   | 249791   | 10.68  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.363  | 96   | 89519    | 10.38  | ug/L  | 95       |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 178053   | 11.08  | ug/L  | 98       |
| 21) 2-Butanone                | 4.723  | 43   | 372917   | 116.23 | ug/L  | 93       |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96   | 99365    | 10.81  | ug/L  | 98       |
| 23) Bromochloromethane        | 4.986  | 128  | 46679    | 10.94  | ug/L  | 95       |
| 25) Chloroform                | 5.099  | 83   | 180780   | 10.89  | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 138964   | 11.63  | ug/L  | 95       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 167762   | 11.13  | ug/L  | 98       |
| 30) Cyclohexane               | 5.398  | 56   | 172006   | 10.67  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 146731   | 11.10  | ug/L  | 99       |
| 33) Benzene                   | 5.784  | 78   | 377186   | 11.17  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 103414   | 11.35  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 164278   | 10.82  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 102139   | 11.46  | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.115  | 83   | 136098   | 11.10  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 155579   | 10.83  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 910393   | 117.84 | ug/L  | 97       |
| 42) Toluene                   | 7.977  | 91   | 414284   | 11.29  | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 143184   | 10.81  | ug/L  | 99       |

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 Sample : VSTD01002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

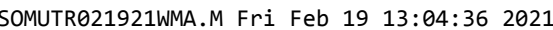
Instrument :  
 MSVOA\_U  
 ClientSampleId :

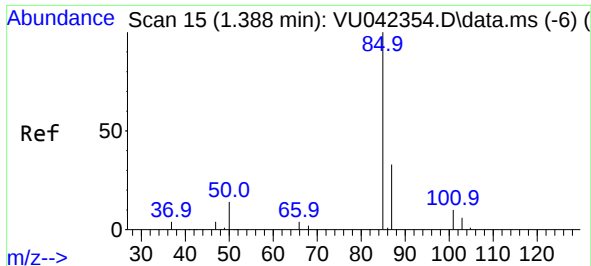
Quant Time: Feb 19 13:04:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR021921WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Feb 19 13:01:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 75393    | 11.37  | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.562  | 164  | 83385    | 11.01  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.697  | 43   | 678867   | 125.17 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.819  | 129  | 97426    | 11.20  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 77017    | 11.27  | ug/L  | 95       |
| 51) Chlorobenzene             | 9.456  | 112  | 255503   | 10.96  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.578  | 91   | 466459   | 11.16  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.700  | 106  | 174856   | 11.18  | ug/L  | 98       |
| 54) o-Xylene                  | 10.108 | 106  | 169629   | 11.21  | ug/L  | 96       |
| 55) Styrene                   | 10.121 | 104  | 290971   | 11.17  | ug/L  | 97       |
| 56) Isopropylbenzene          | 10.491 | 105  | 467441   | 11.12  | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 101677   | 11.91  | ug/L  | 98       |
| 59) 1,2,3-Trichloropropane    | 10.832 | 75   | 76729    | 11.97  | ug/L  | 100      |
| 61) Bromoform                 | 10.298 | 173  | 63432    | 10.87  | ug/L  | 99       |
| 62) 1,3-Dichlorobenzene       | 11.751 | 146  | 219308   | 10.81  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene       | 11.845 | 146  | 218072   | 10.73  | ug/L  | 97       |
| 65) 1,2-Dichlorobenzene       | 12.221 | 146  | 214321   | 11.23  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 19551    | 11.51  | ug/L  | 92       |
| 67) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 182278   | 11.19  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.848 | 180  | 158919   | 12.27  | ug/L  | 100      |
| 69) Naphthalene               | 14.095 | 128  | 277125   | 14.43  | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 143210   | 12.44  | ug/L  | 99       |

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

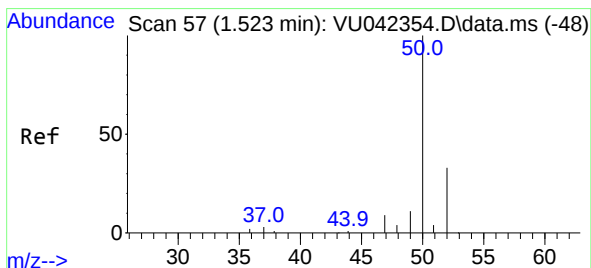
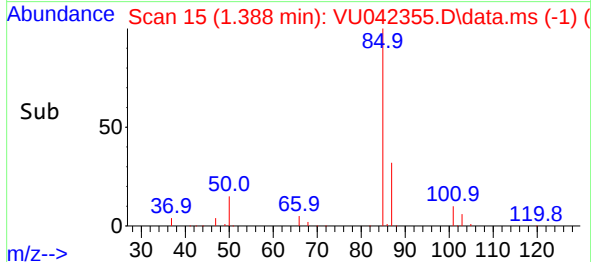
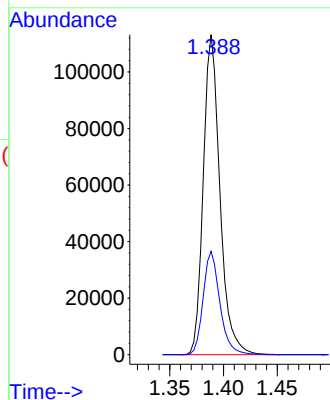
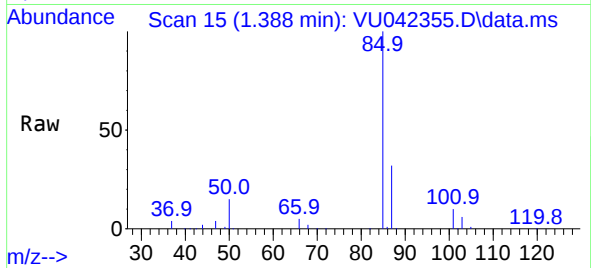
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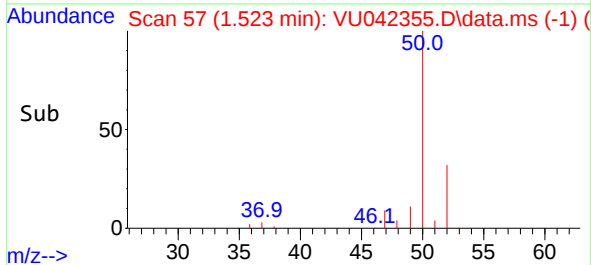
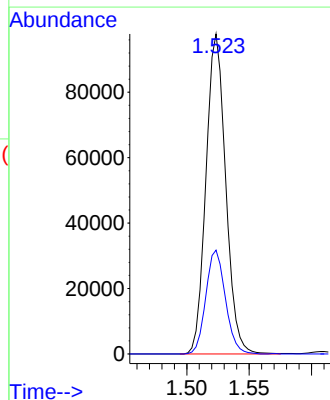
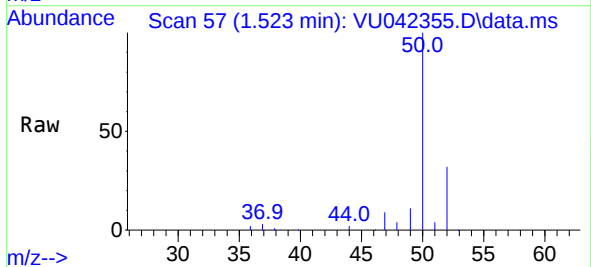
#2  
Dichlorodifluoromethane  
Concen: 10.76 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

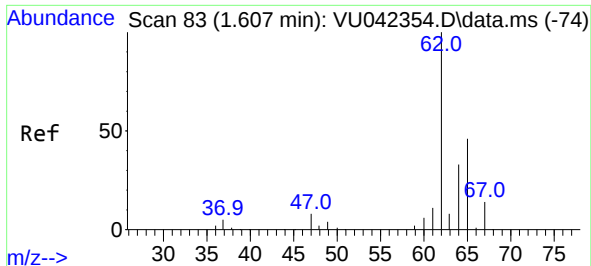
Tgt Ion: 85 Resp: 121537  
Ion Ratio Lower Upper  
85 100  
87 32.4 26.1 39.1



#3  
Chloromethane  
Concen: 10.74 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 50 Resp: 107888  
Ion Ratio Lower Upper  
50 100  
52 32.5 23.0 42.8

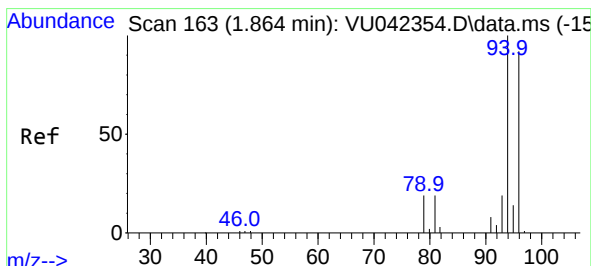
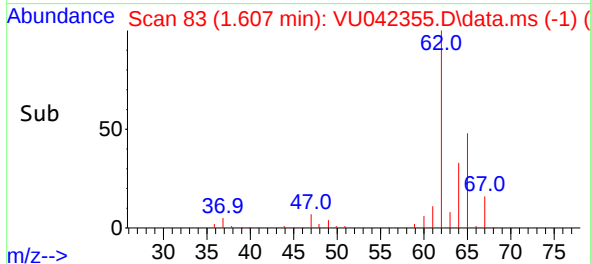
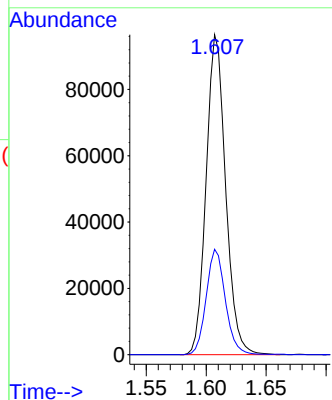
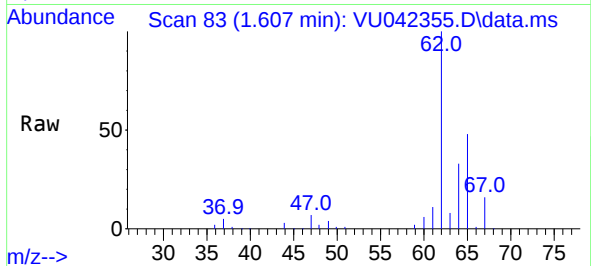




#5  
 Vinyl chloride  
 Concen: 11.25 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU042355.D  
 Acq: 19 Feb 2021 11:16

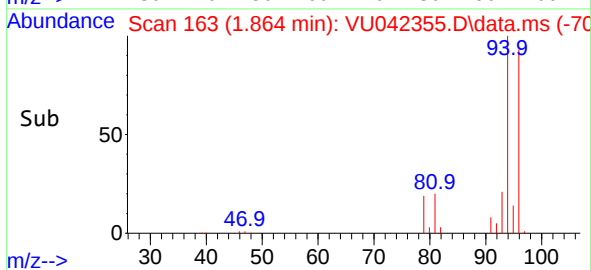
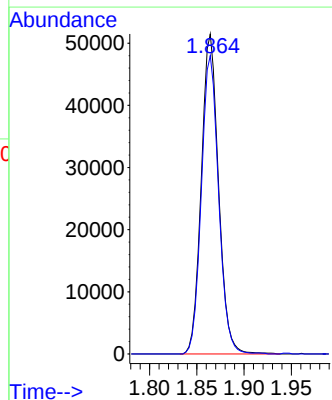
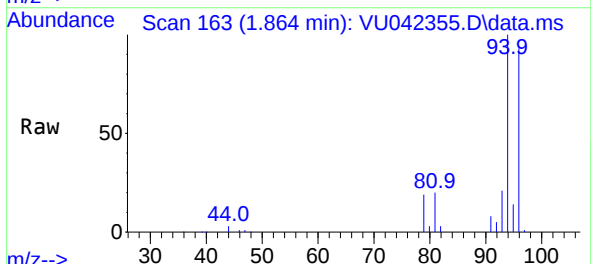
Instrument :  
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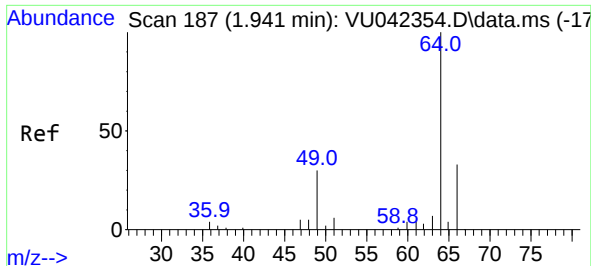
Tgt Ion: 62 Resp: 109287  
 Ion Ratio Lower Upper  
 62 100  
 64 33.0 22.7 42.1



#6  
 Bromomethane  
 Concen: 11.26 ug/L  
 RT: 1.864 min Scan# 163  
 Delta R.T. -0.000 min  
 Lab File: VU042355.D  
 Acq: 19 Feb 2021 11:16

Tgt Ion: 94 Resp: 65257  
 Ion Ratio Lower Upper  
 94 100  
 96 93.3 66.5 123.5

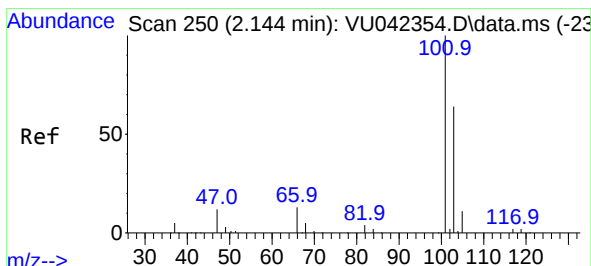
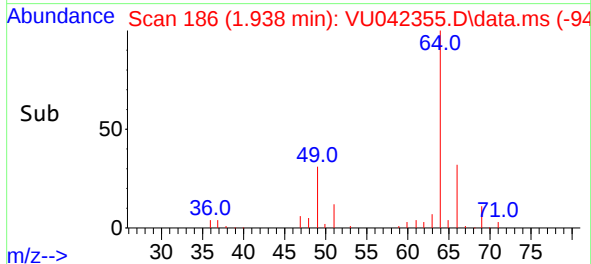
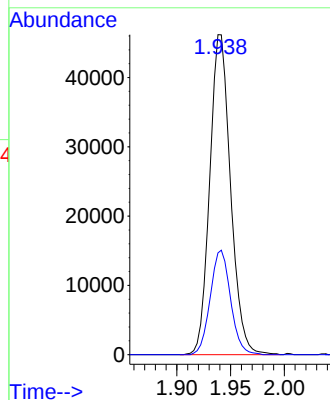
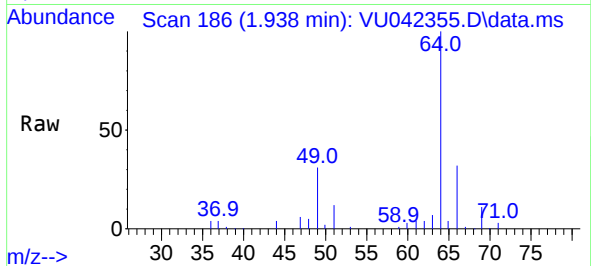




#8  
Chloroethane  
Concen: 10.98 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. -0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

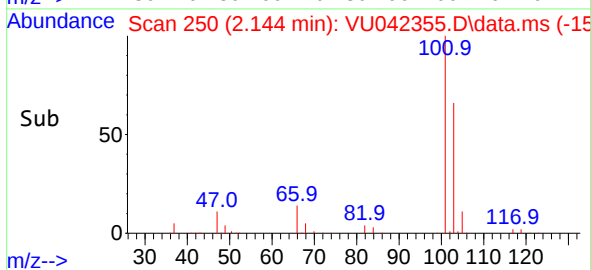
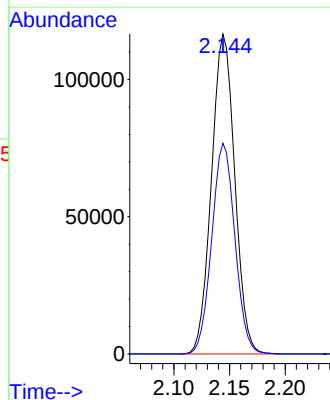
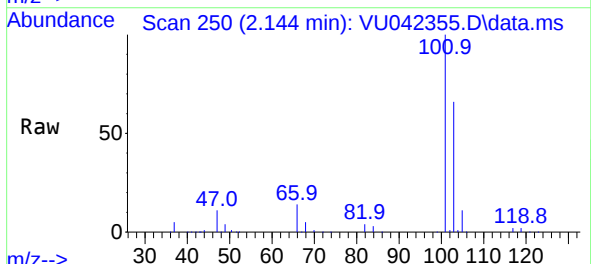
Instrument :  
MSVOA\_U  
ClientSampleId :

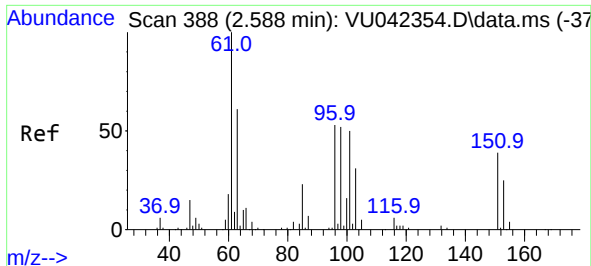
Tgt Ion: 64 Resp: 62231  
Ion Ratio Lower Upper  
64 100  
66 31.8 22.2 41.2



#9  
Trichlorofluoromethane  
Concen: 12.32 ug/L  
RT: 2.144 min Scan# 250  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:101 Resp: 169367  
Ion Ratio Lower Upper  
101 100  
103 65.5 51.8 77.8

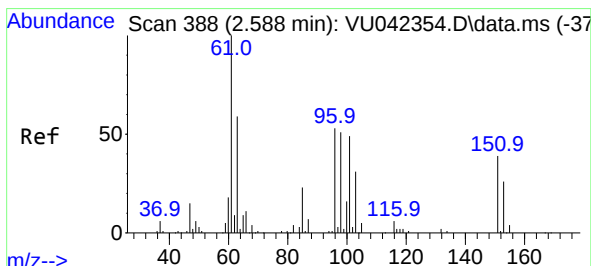
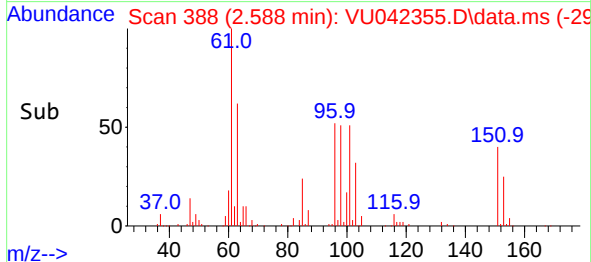
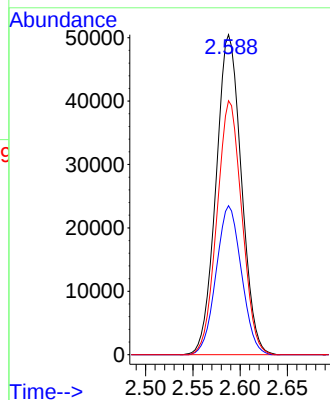
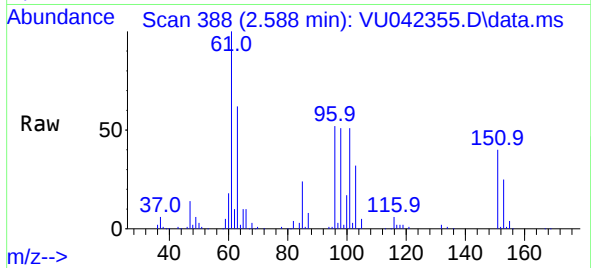




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 11.06 ug/L  
RT: 2.588 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

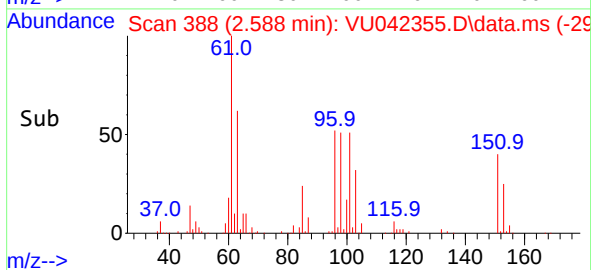
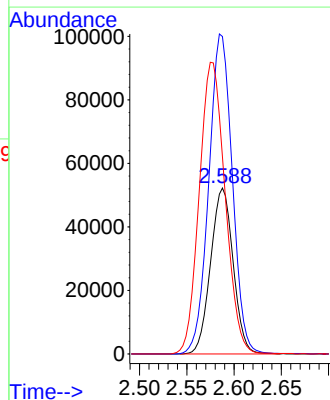
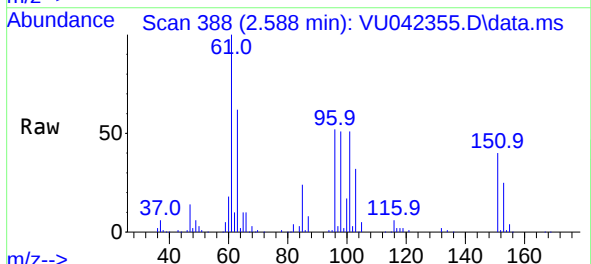
Instrument :  
MSVOA\_U  
ClientSampleId :

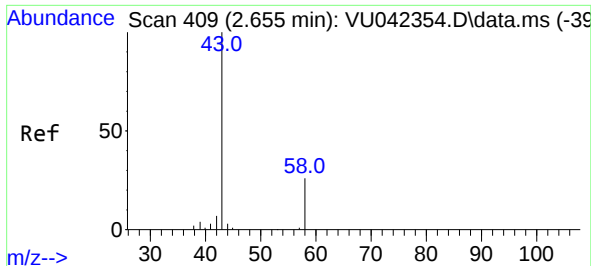
Tgt Ion:101 Resp: 94259  
Ion Ratio Lower Upper  
101 100  
85 46.5 34.6 51.8  
151 78.0 62.7 94.1



#12  
1,1-Dichloroethene  
Concen: 10.65 ug/L  
RT: 2.588 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 96 Resp: 86499  
Ion Ratio Lower Upper  
96 100  
61 191.3 126.2 234.4  
63 118.9 77.8 144.4

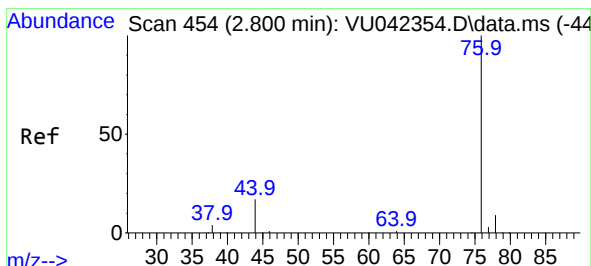
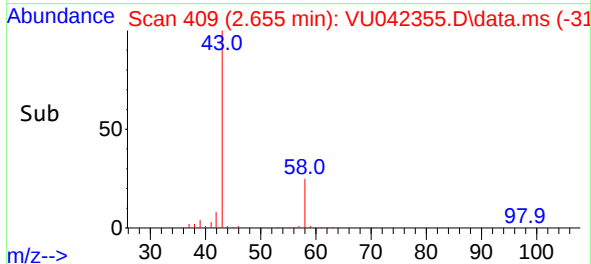
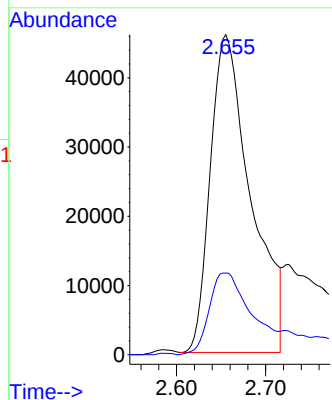
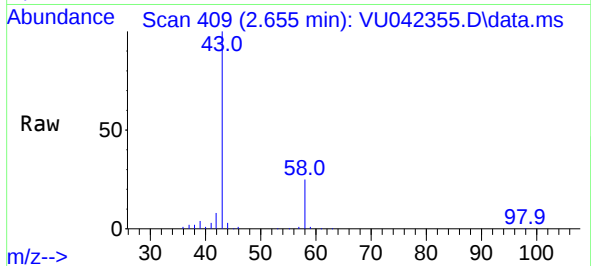




#13  
Acetone  
Concen: 80.27 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

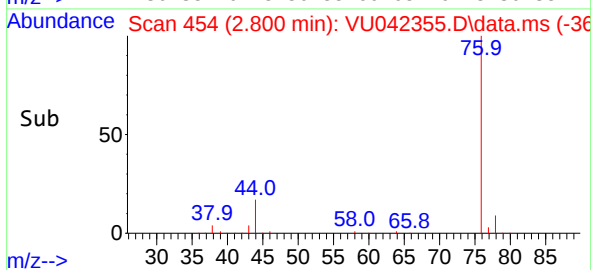
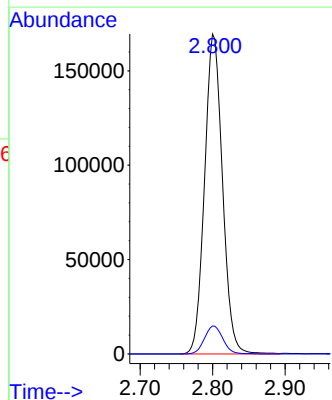
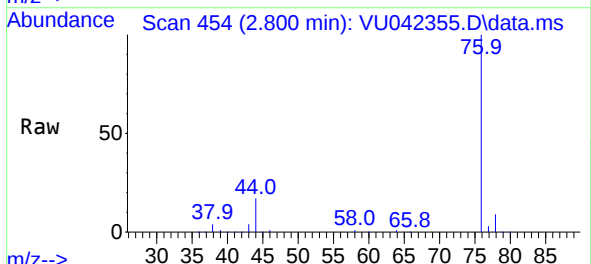
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MSVOA\_U  
ClientSampleId :

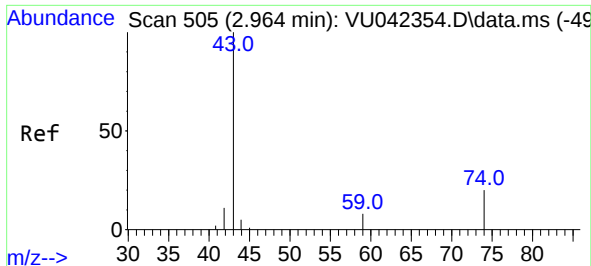
Tgt Ion: 43 Resp: 145265  
Ion Ratio Lower Upper  
43 100  
58 26.6 0.0 55.8



#14  
Carbon disulfide  
Concen: 10.79 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

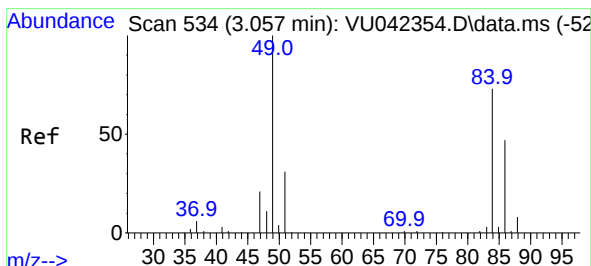
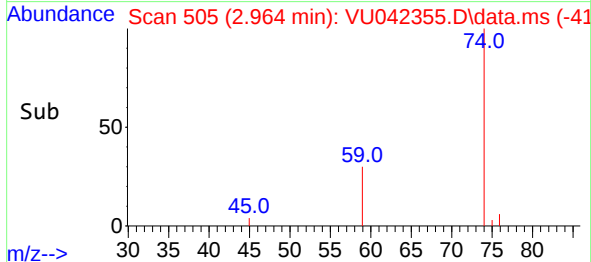
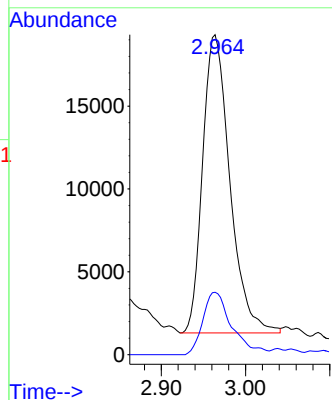
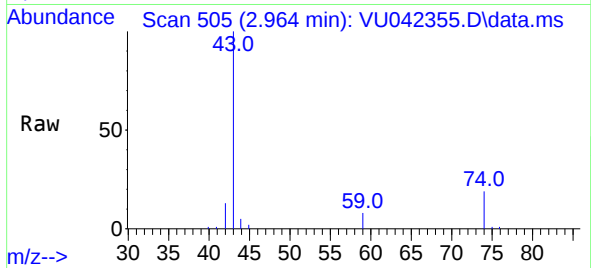
Tgt Ion: 76 Resp: 290960  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9





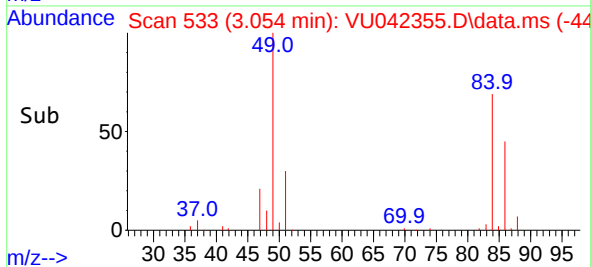
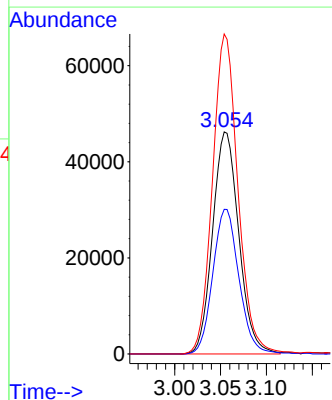
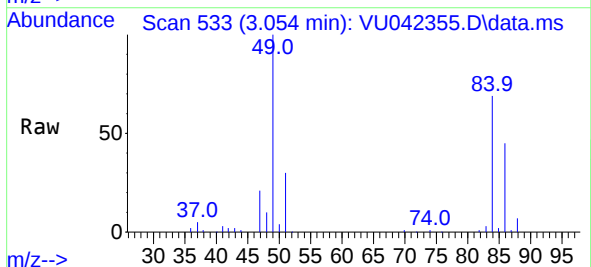
#15  
Methyl Acetate  
Concen: 9.41 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

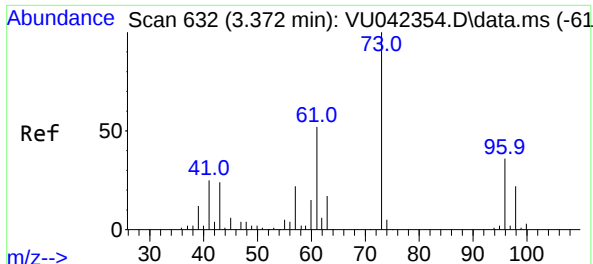
Tgt Ion: 43 Resp: 40549  
Ion Ratio Lower Upper  
43 100  
74 22.2 16.9 25.3



#16  
Methylene chloride  
Concen: 9.67 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 84 Resp: 91917  
Ion Ratio Lower Upper  
84 100  
86 65.1 44.1 81.9  
49 144.1 95.0 176.4



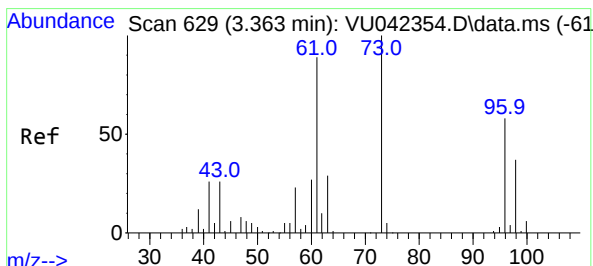
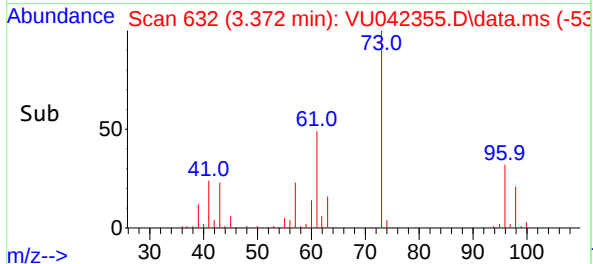
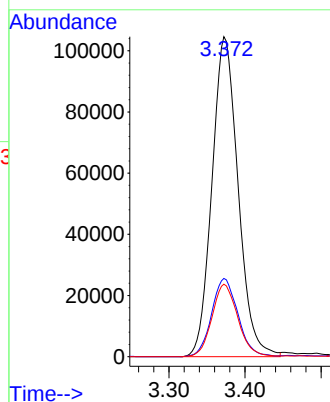
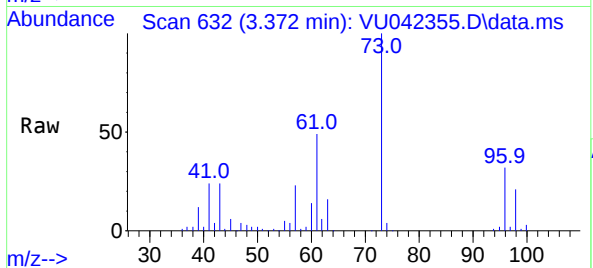


#17  
Methyl tert-butyl Ether  
Concen: 10.68 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 73 Resp: 249791  

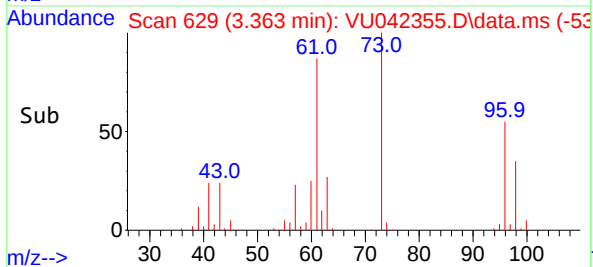
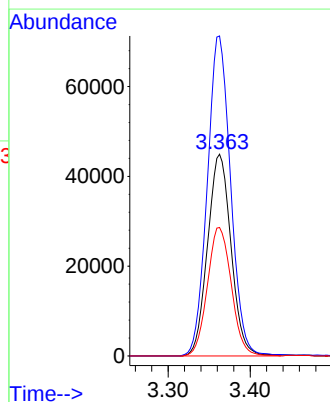
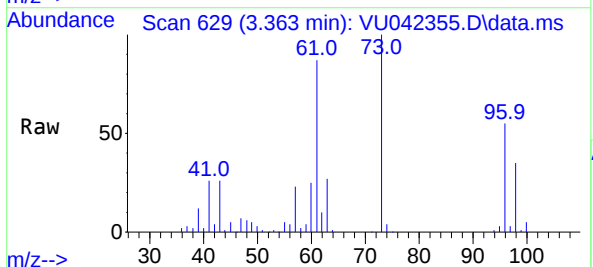
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 24.6  | 18.9  | 28.3  |
| 57  | 22.5  | 18.2  | 27.4  |

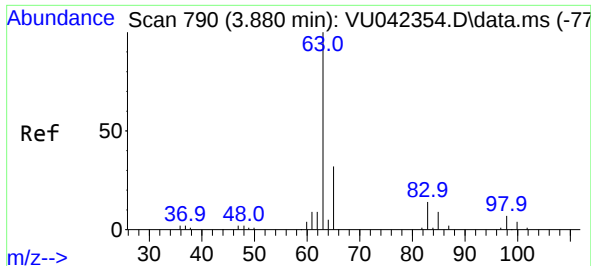


#18  
trans-1,2-Dichloroethene  
Concen: 10.38 ug/L  
RT: 3.363 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 96 Resp: 89519  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 158.6 | 105.7 | 196.3 |
| 98  | 63.7  | 42.8  | 79.6  |



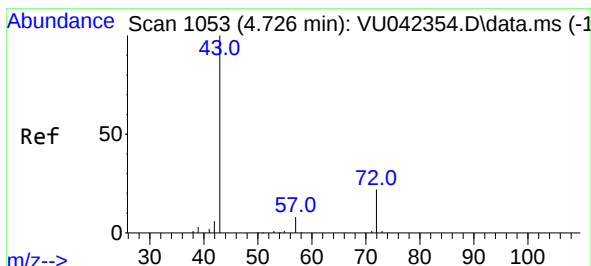
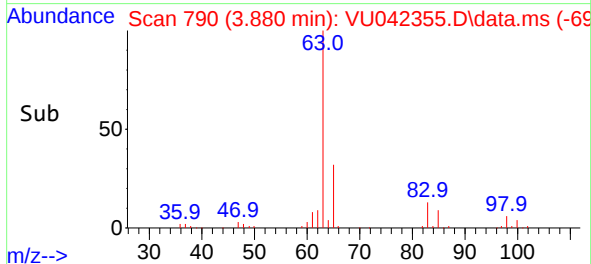
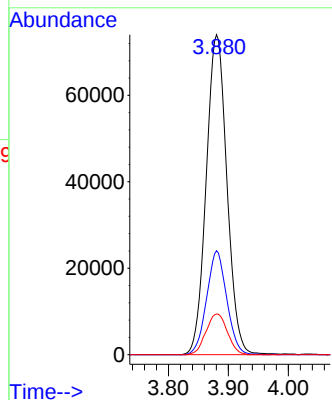
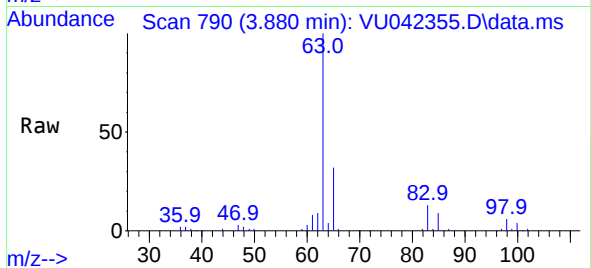


#19

1,1-Dichloroethane  
Concen: 11.08 ug/L  
RT: 3.880 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

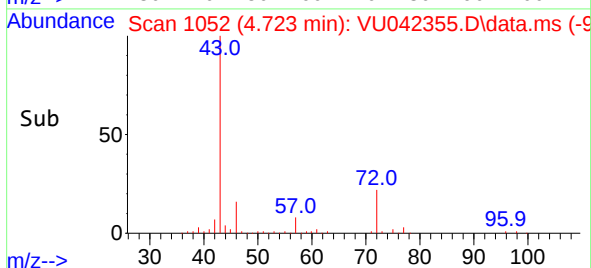
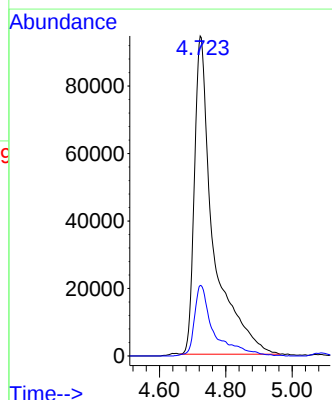
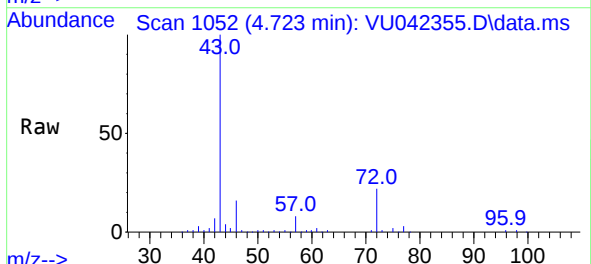
Tgt Ion: 63 Resp: 178053  
Ion Ratio Lower Upper  
63 100  
65 32.5 22.5 41.9  
83 12.7 10.1 18.7

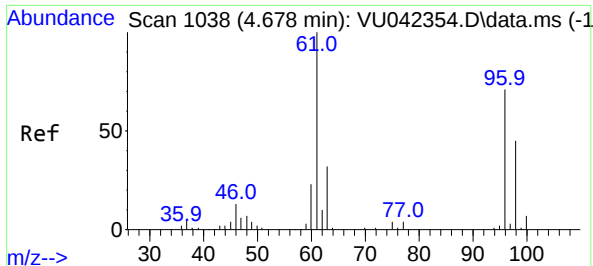


#21

2-Butanone  
Concen: 116.23 ug/L  
RT: 4.723 min Scan# 1052  
Delta R.T. -0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 43 Resp: 372917  
Ion Ratio Lower Upper  
43 100  
72 19.8 11.7 35.1

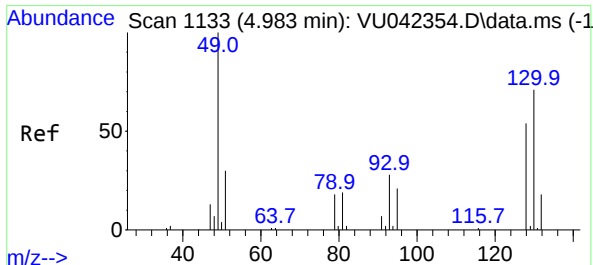
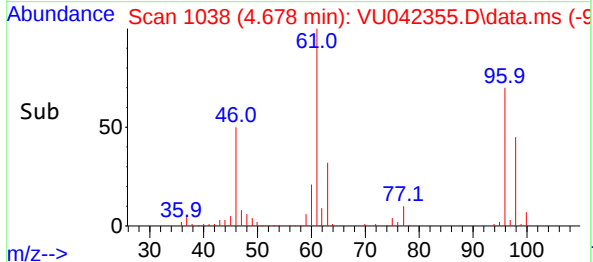
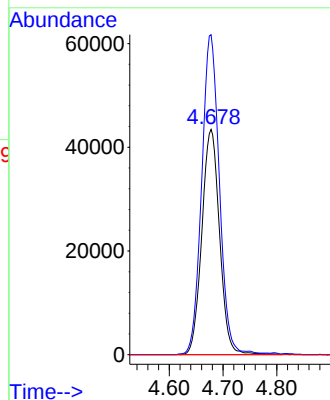
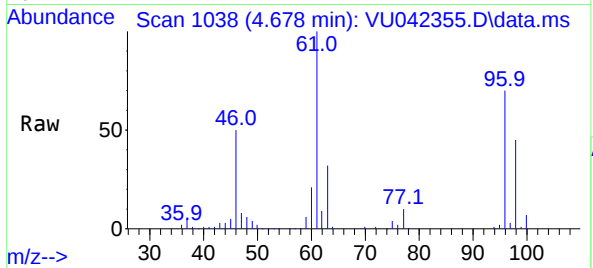




#22  
cis-1,2-Dichloroethene  
Concen: 10.81 ug/L  
RT: 4.678 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

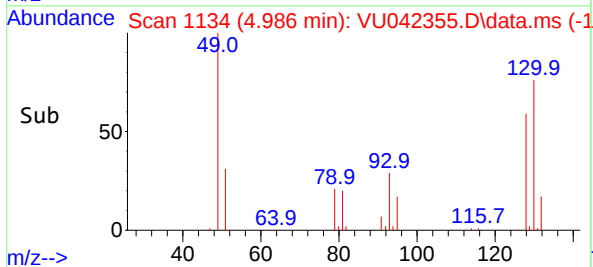
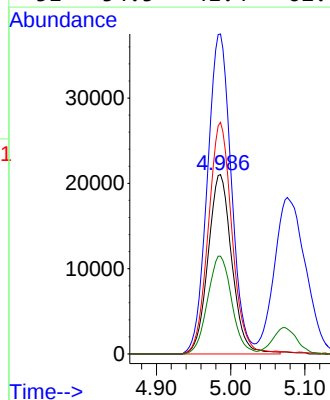
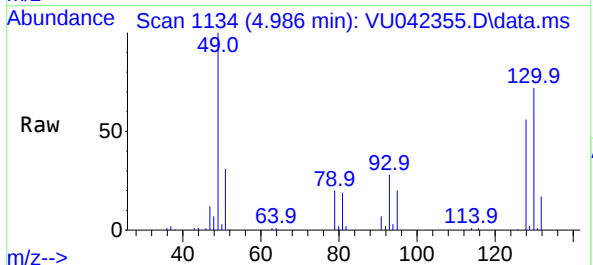
Instrument :  
MSVOA\_U  
ClientSampleId :

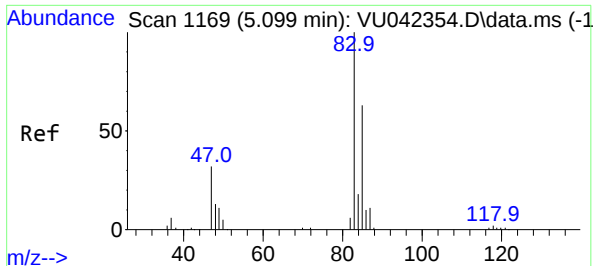
Tgt Ion: 96 Resp: 99365  
Ion Ratio Lower Upper  
96 100  
61 142.0 97.8 181.6  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 10.94 ug/L  
RT: 4.986 min Scan# 1134  
Delta R.T. 0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:128 Resp: 46679  
Ion Ratio Lower Upper  
128 100  
49 178.4 117.7 218.7  
130 129.1 87.9 163.3  
51 54.5 41.4 62.0



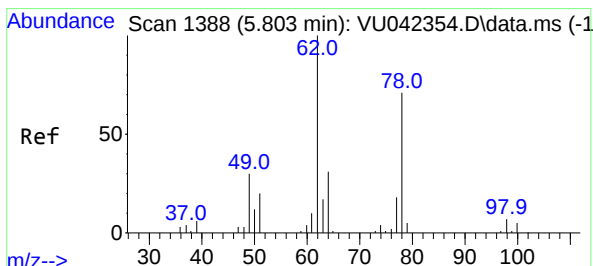
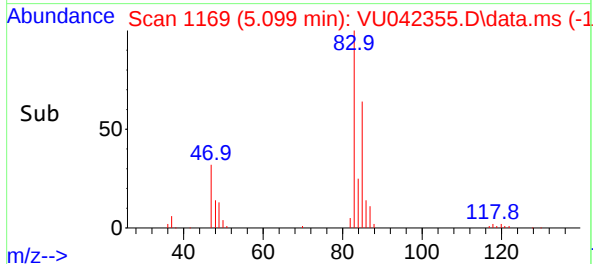
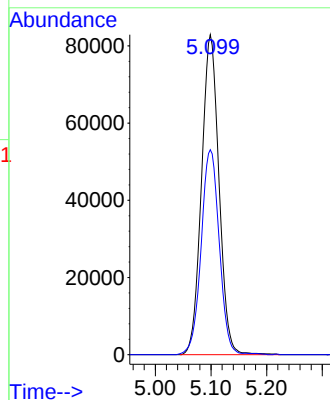
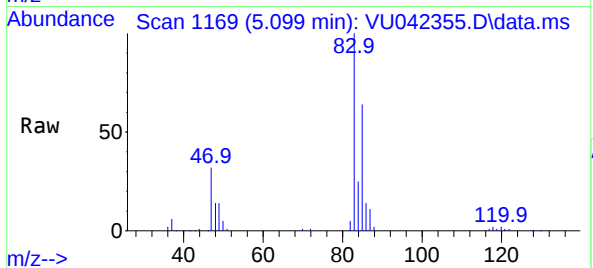


#25

Chloroform  
Concen: 10.89 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

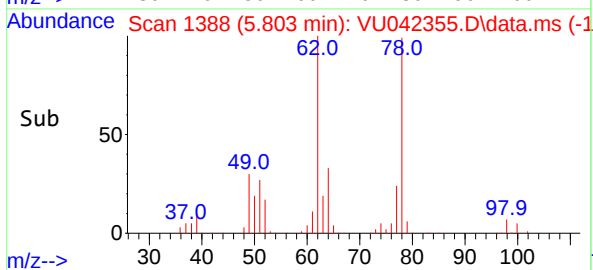
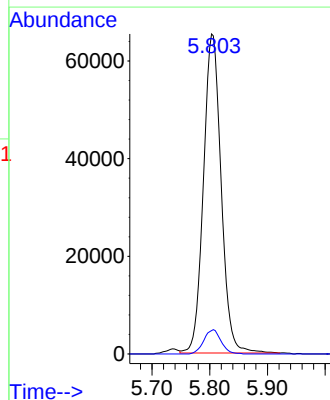
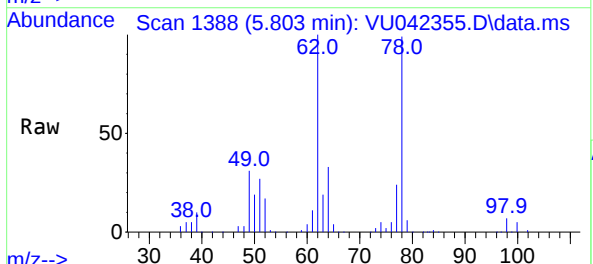
Tgt Ion: 83 Resp: 180780  
Ion Ratio Lower Upper  
83 100  
85 64.1 45.7 84.9

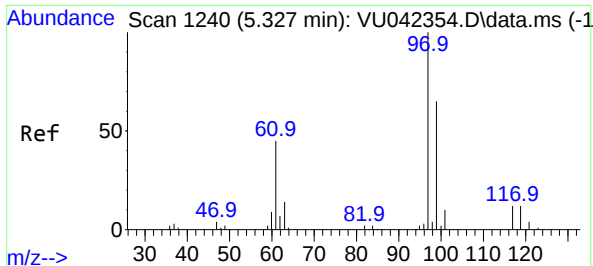


#27

1,2-Dichloroethane  
Concen: 11.63 ug/L  
RT: 5.803 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 62 Resp: 138964  
Ion Ratio Lower Upper  
62 100  
98 7.3 7.3 10.9

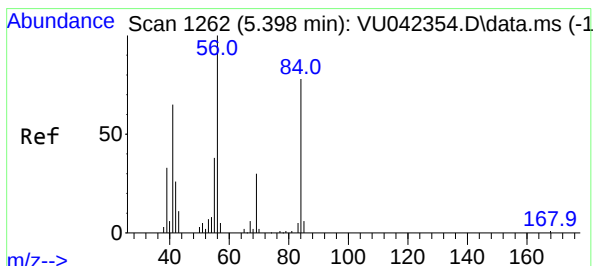
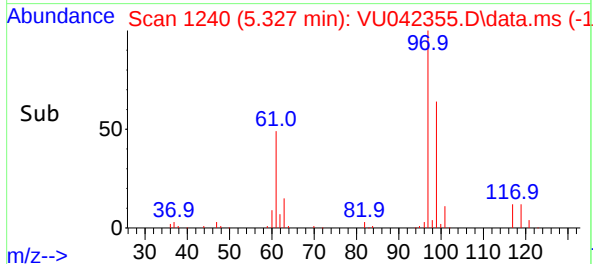
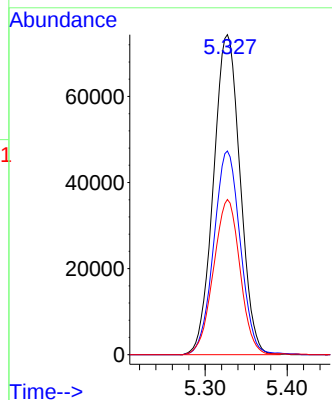
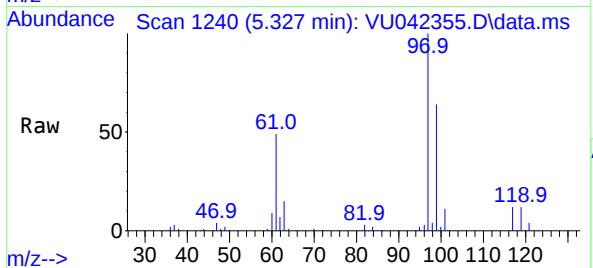




#29  
1,1,1-Trichloroethane  
Concen: 11.13 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

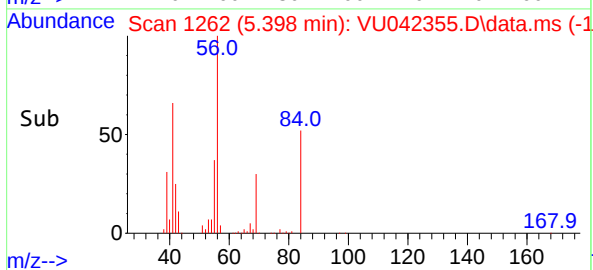
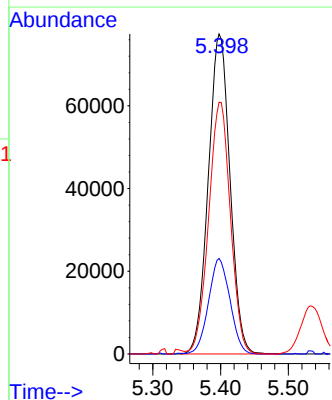
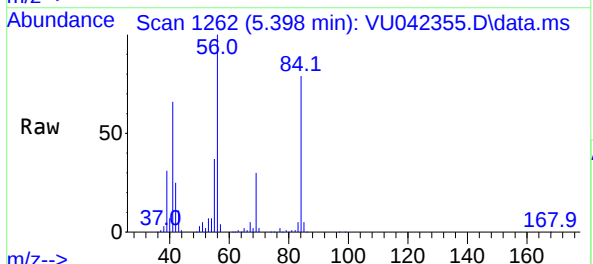
Instrument :  
MSVOA\_U  
ClientSampleId :

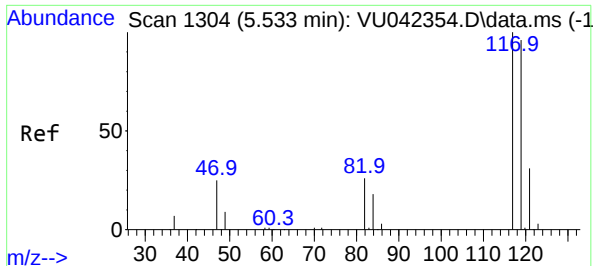
Tgt Ion: 97 Resp: 167762  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.8 76.2  
61 48.3 35.8 53.6



#30  
Cyclohexane  
Concen: 10.67 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 56 Resp: 172006  
Ion Ratio Lower Upper  
56 100  
69 29.5 23.7 35.5  
84 79.0 65.3 97.9

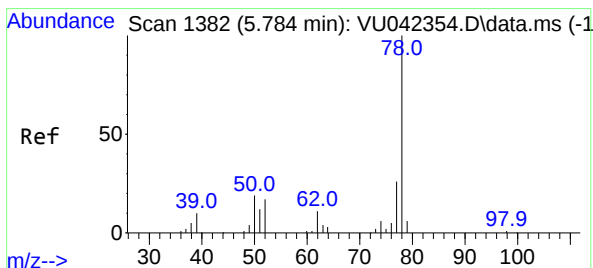
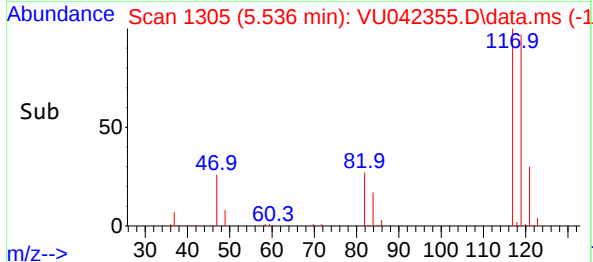
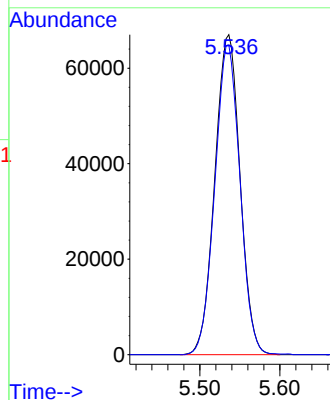
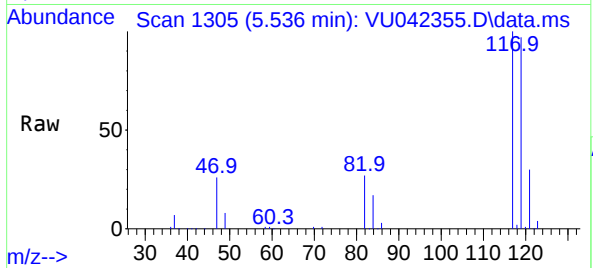




#31  
Carbon tetrachloride  
Concen: 11.10 ug/L  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

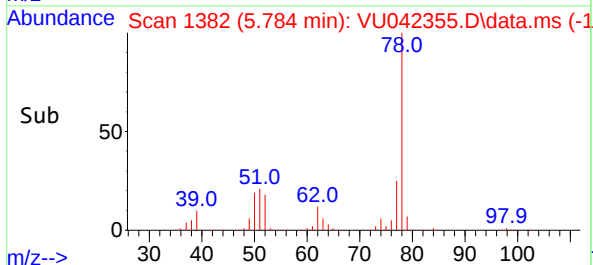
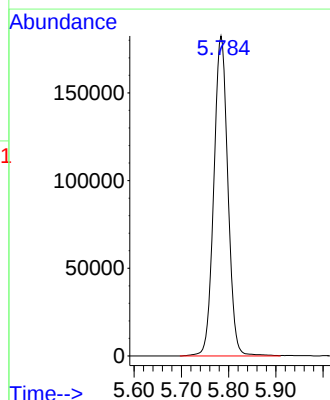
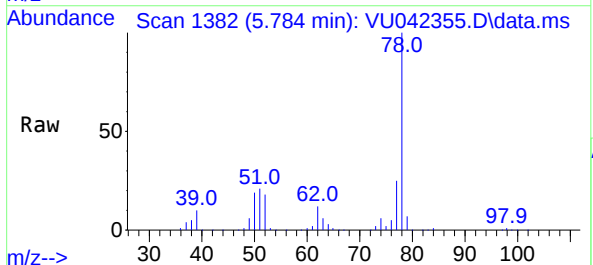
Instrument :  
MSVOA\_U  
ClientSampled :

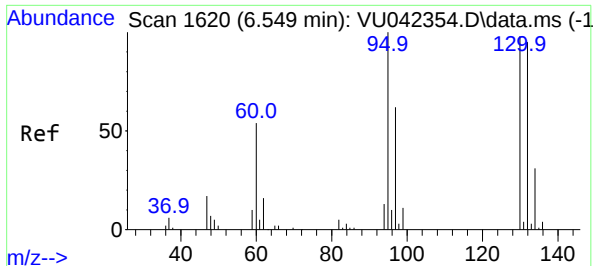
Tgt Ion:117 Resp: 146731  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.2 114.4



#33  
Benzene  
Concen: 11.17 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 78 Resp: 377186

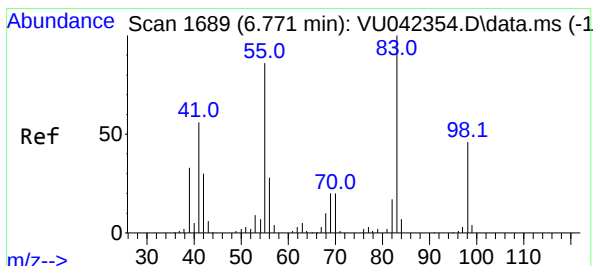
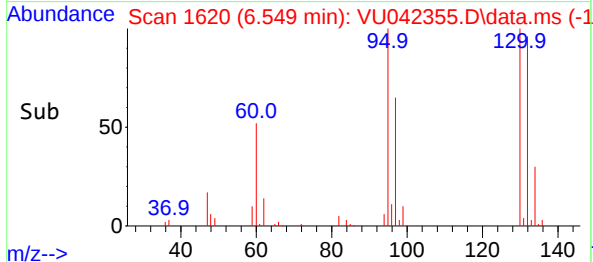
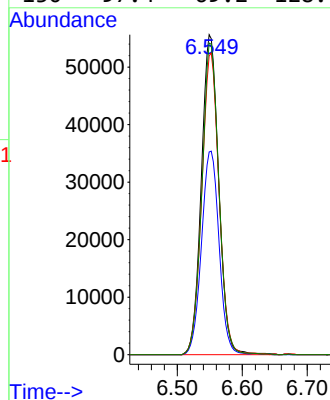
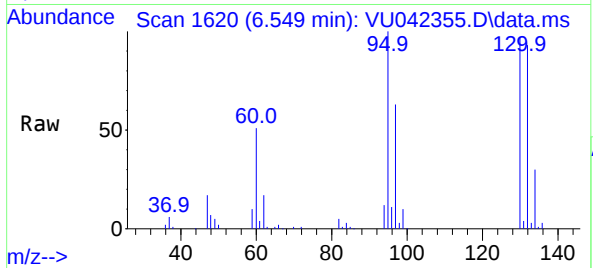




#34  
Trichloroethene  
Concen: 11.35 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

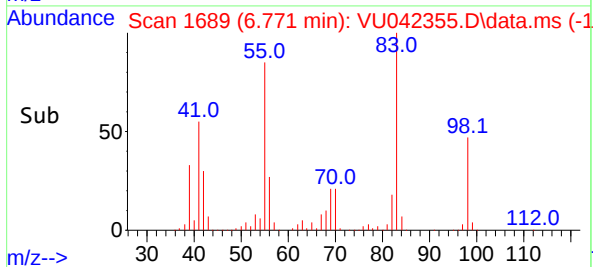
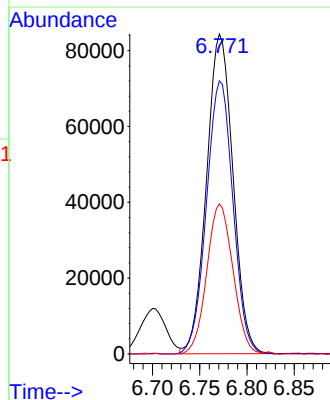
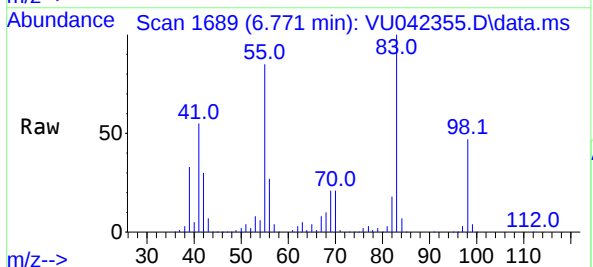
Instrument :  
MSVOA\_U  
ClientSampleId :

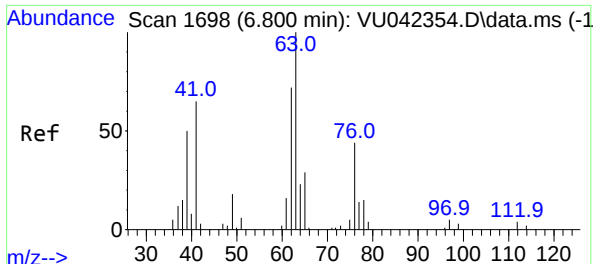
Tgt Ion: 95 Resp: 103414  
Ion Ratio Lower Upper  
95 100  
97 63.3 44.4 82.4  
132 93.3 68.0 126.4  
130 97.4 69.2 128.4



#35  
Methylcyclohexane  
Concen: 10.82 ug/L  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 83 Resp: 164278  
Ion Ratio Lower Upper  
83 100  
55 85.6 68.2 102.4  
98 46.4 39.7 59.5

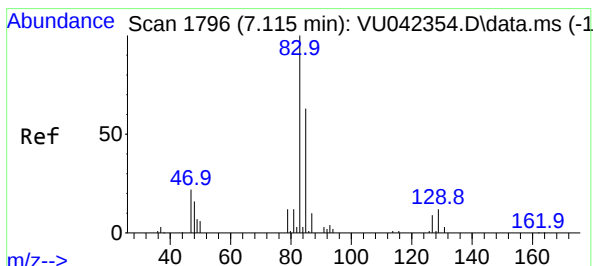
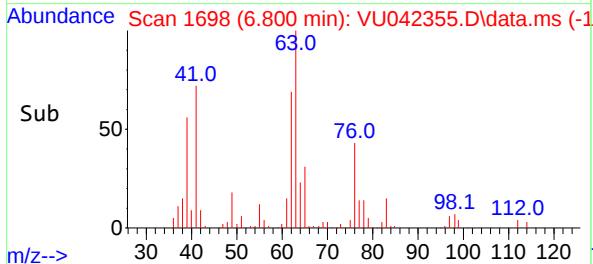
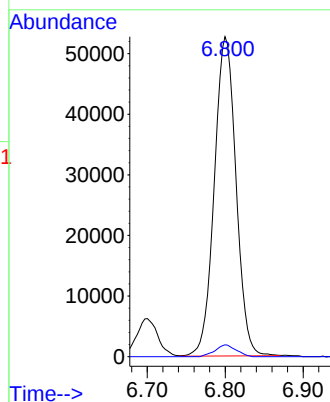
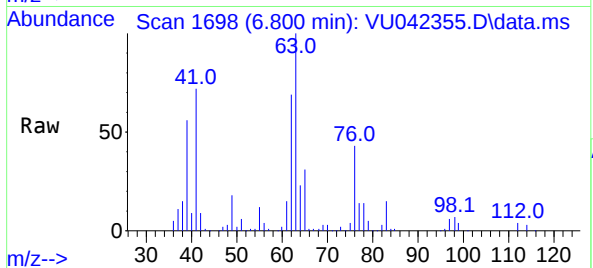




#37  
1,2-Dichloropropane  
Concen: 11.46 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

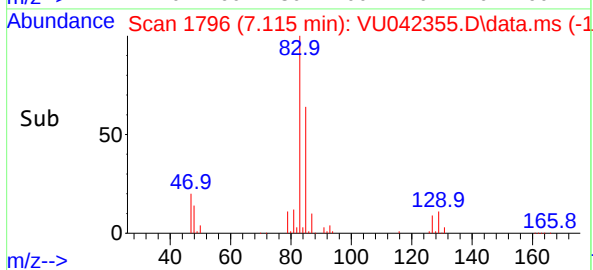
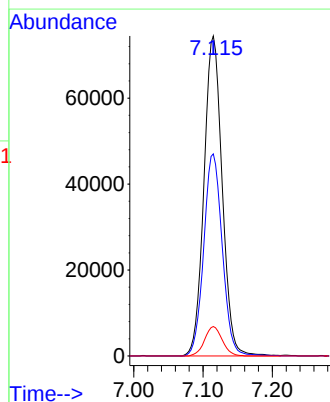
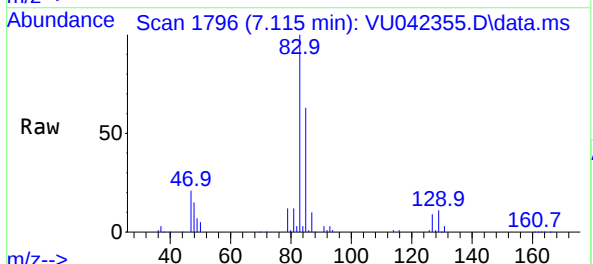
Instrument :  
MSVOA\_U  
ClientSampleId :

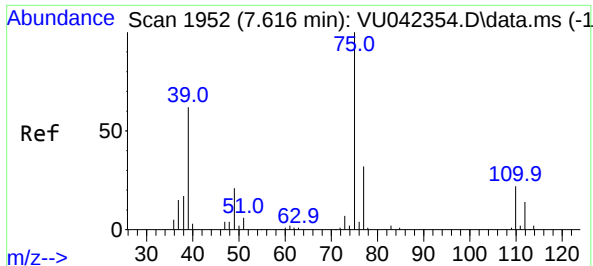
Tgt Ion: 63 Resp: 102139  
Ion Ratio Lower Upper  
63 100  
112 3.6 3.4 5.0



#38  
Bromodichloromethane  
Concen: 11.10 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 83 Resp: 136098  
Ion Ratio Lower Upper  
83 100  
85 63.1 46.0 85.4  
127 9.2 6.8 10.2

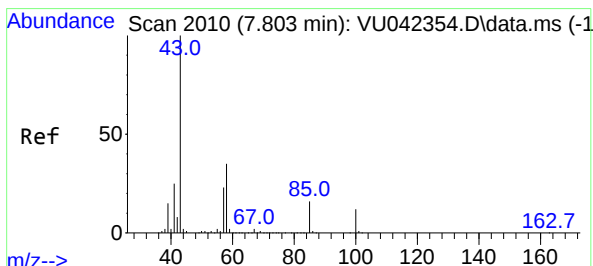
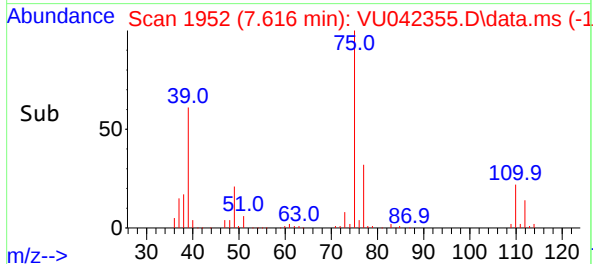
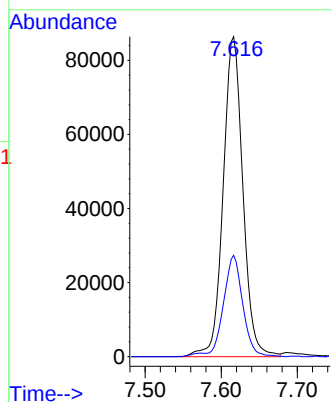
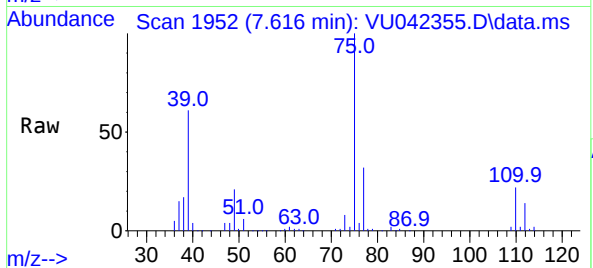




#39  
cis-1,3-Dichloropropene  
Concen: 10.83 ug/L  
RT: 7.616 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

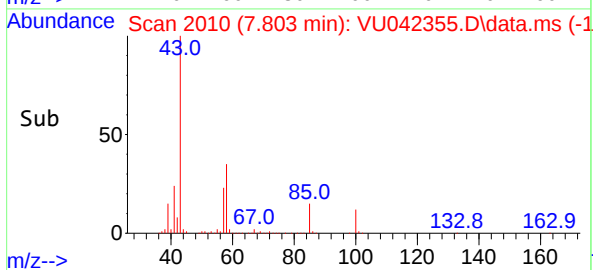
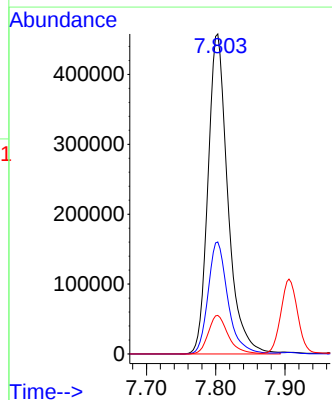
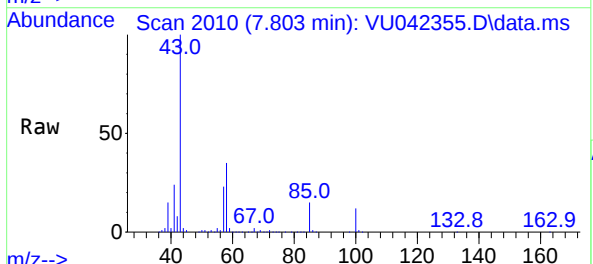
Instrument :  
MSVOA\_U  
ClientSampled :

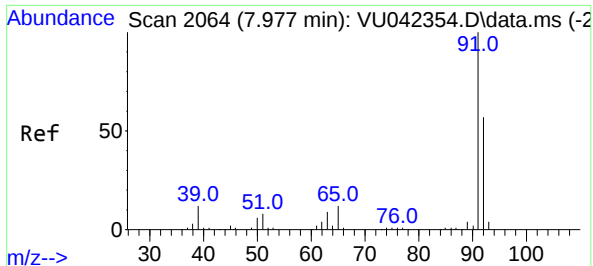
Tgt Ion: 75 Resp: 155579  
Ion Ratio Lower Upper  
75 100  
77 31.7 22.0 40.8



#40  
4-Methyl-2-pentanone  
Concen: 117.84 ug/L  
RT: 7.803 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 43 Resp: 910393  
Ion Ratio Lower Upper  
43 100  
58 35.0 29.1 43.7  
100 12.1 11.0 16.4





#42

Toluene

Concen: 11.29 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042355.D

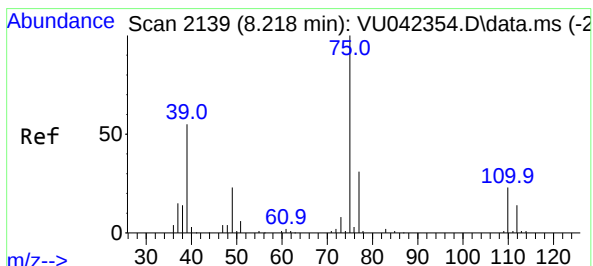
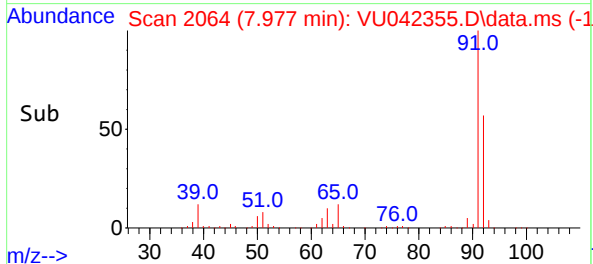
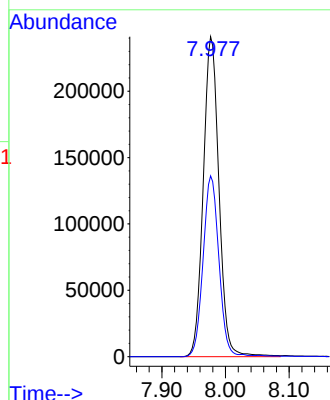
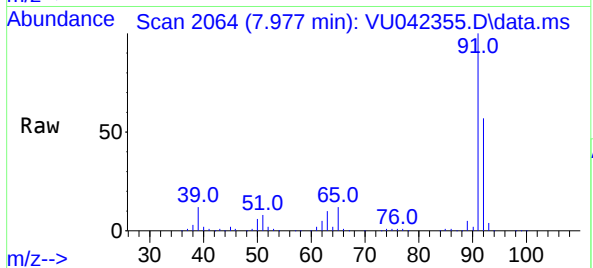
Acq: 19 Feb 2021 11:16

Tgt Ion: 91 Resp: 414284

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 10.81 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042355.D

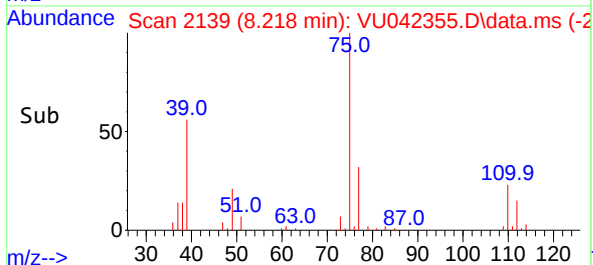
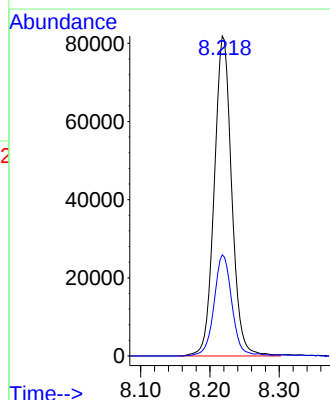
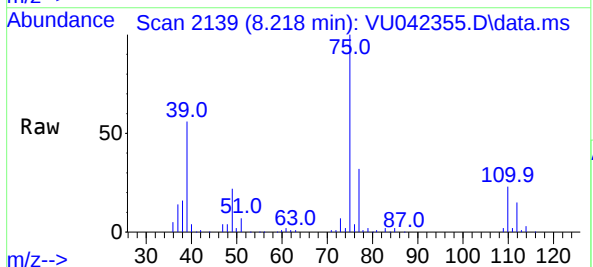
Acq: 19 Feb 2021 11:16

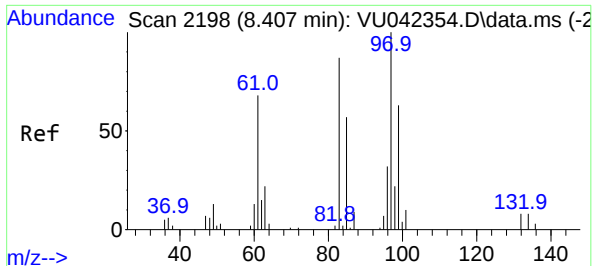
Tgt Ion: 75 Resp: 143184

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4





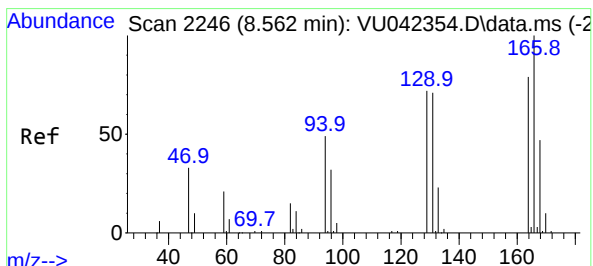
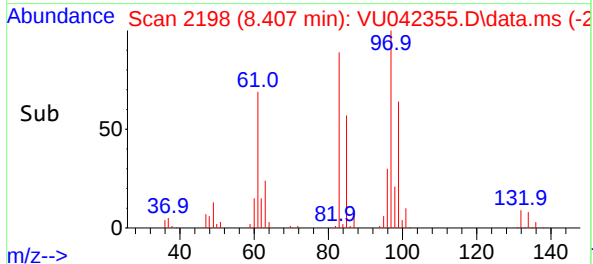
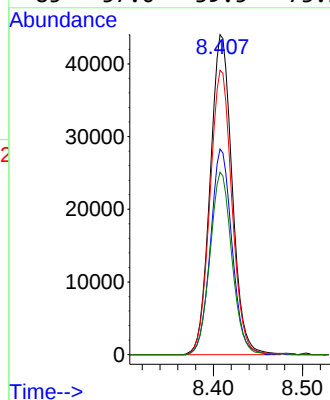
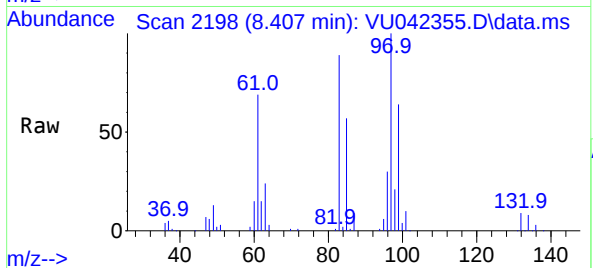
#45

1,1,2-Trichloroethane  
Concen: 11.37 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 97 Resp: 75393

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.2  | 44.0  | 81.8  |
| 83  | 88.9  | 57.6  | 107.0 |
| 85  | 57.0  | 39.5  | 73.3  |

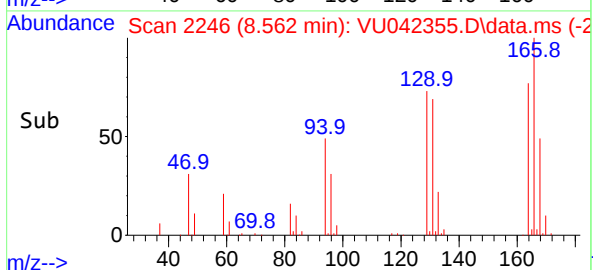
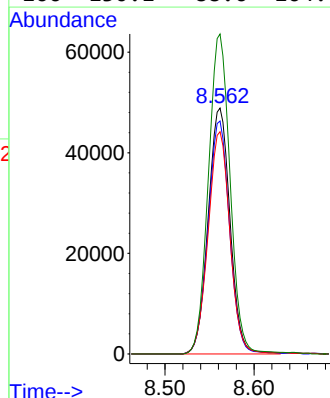
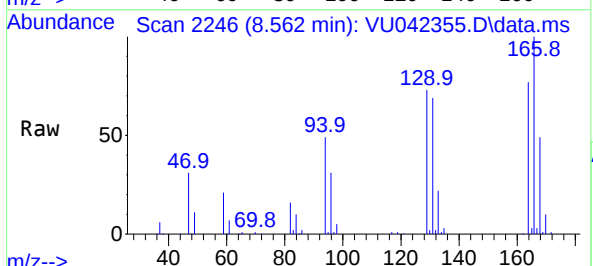


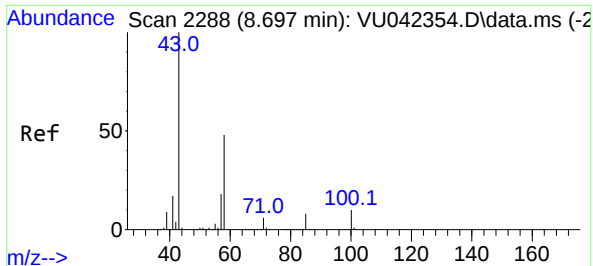
#47

Tetrachloroethene  
Concen: 11.01 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 164 Resp: 83385

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.7  | 64.3  | 119.5 |
| 131 | 90.3  | 62.2  | 115.6 |
| 166 | 130.1 | 88.6  | 164.6 |



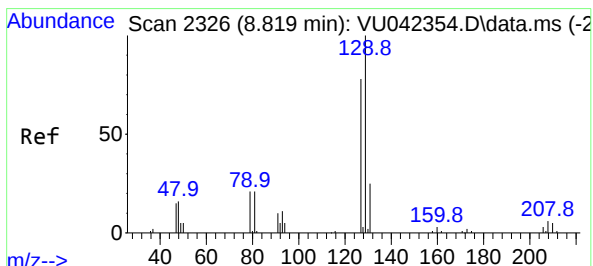
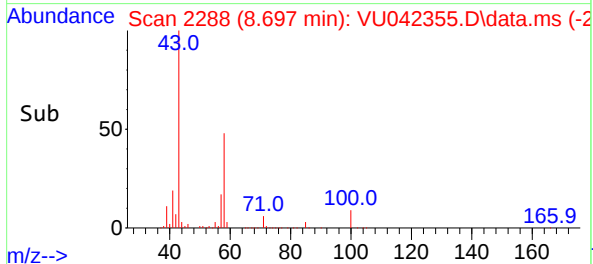
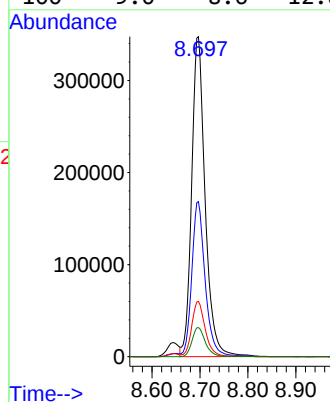
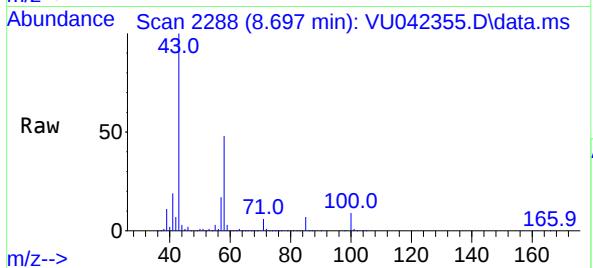


#48  
2-Hexanone  
Concen: 125.17 ug/L  
RT: 8.697 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 678867

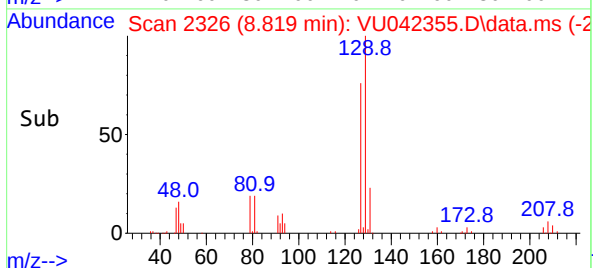
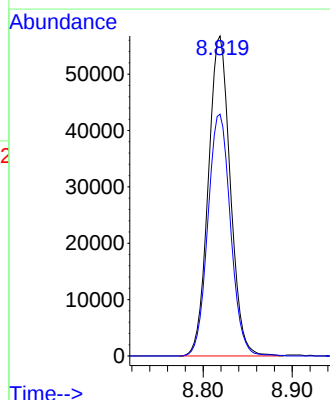
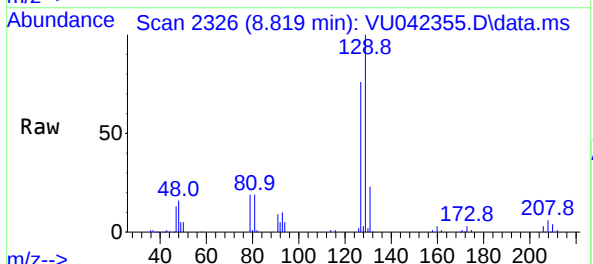
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 47.9  | 40.6  | 61.0  |
| 57  | 17.1  | 14.9  | 22.3  |
| 100 | 9.0   | 8.6   | 12.8  |

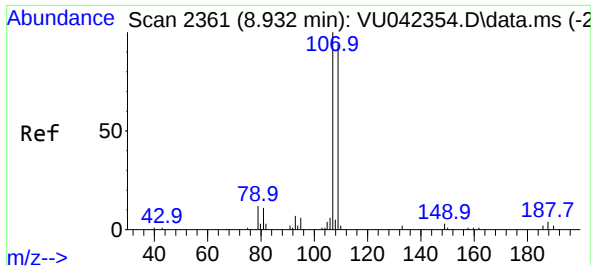


#49  
Dibromochloromethane  
Concen: 11.20 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 129 Resp: 97426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 75.6  | 52.3  | 97.1  |





#50

1,2-Dibromoethane

Concen: 11.27 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

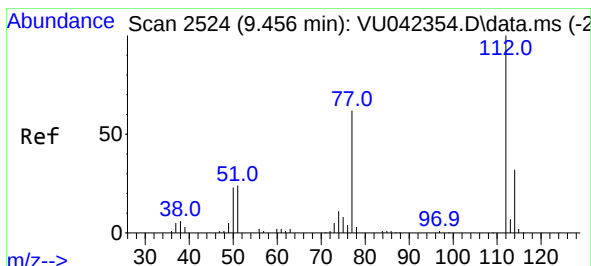
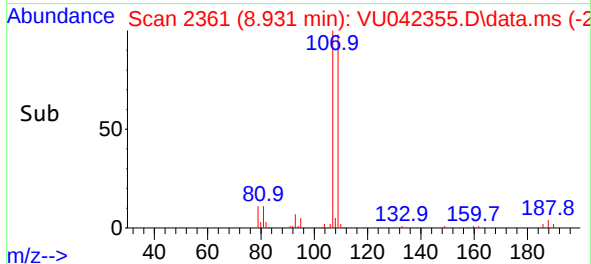
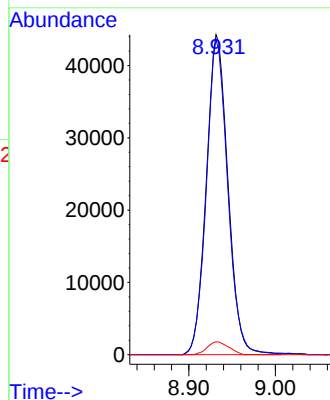
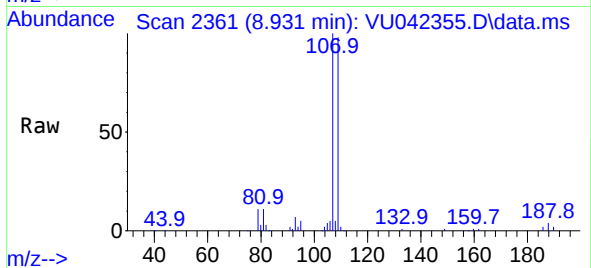
Lab File: VU042355.D

Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:107 Resp: 77017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 98.4  | 65.5  | 121.6 |
| 188 | 4.0   | 3.4   | 5.2   |



#51

Chlorobenzene

Concen: 10.96 ug/L

RT: 9.456 min Scan# 2524

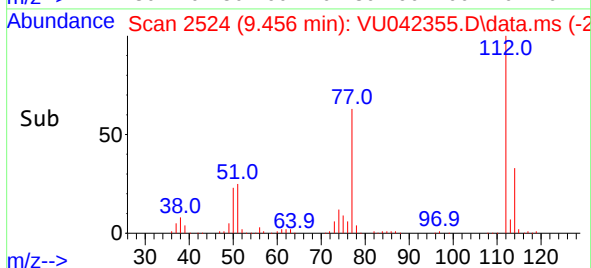
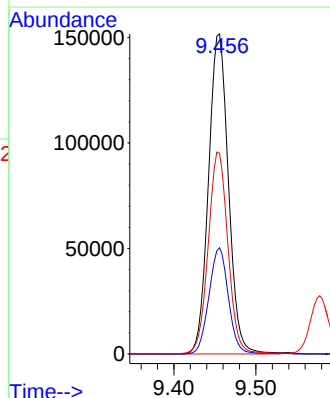
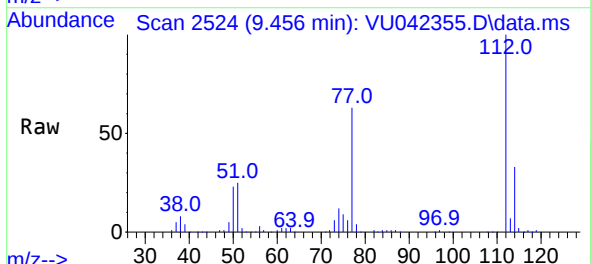
Delta R.T. -0.000 min

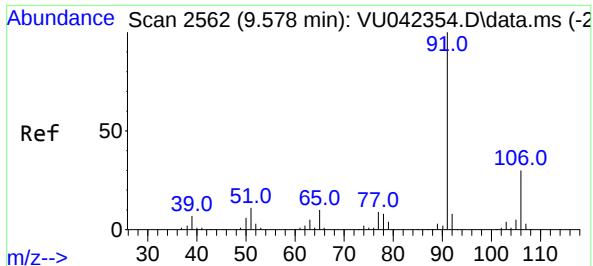
Lab File: VU042355.D

Acq: 19 Feb 2021 11:16

Tgt Ion:112 Resp: 255503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 33.2  | 22.0  | 41.0  |
| 77  | 62.7  | 49.8  | 74.6  |

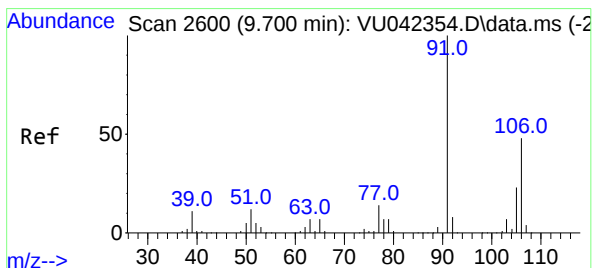
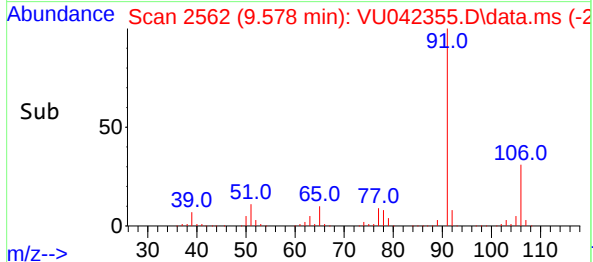
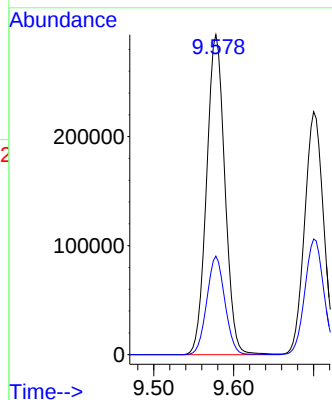
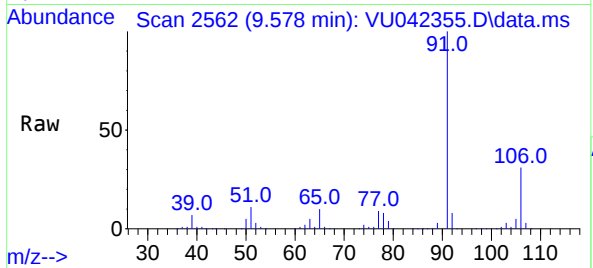




#52  
Ethylbenzene  
Concen: 11.16 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

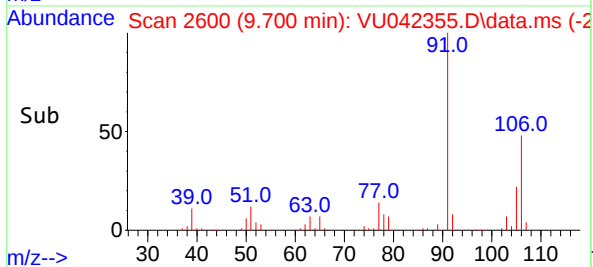
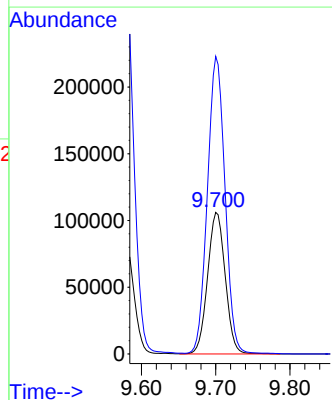
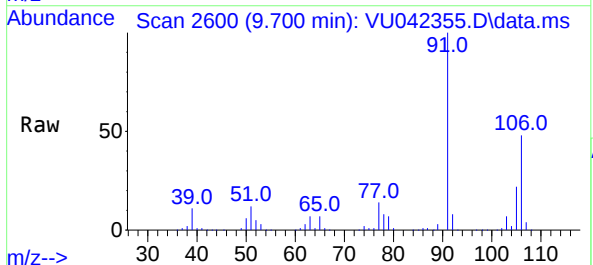
Instrument :  
MSVOA\_U  
ClientSampled :

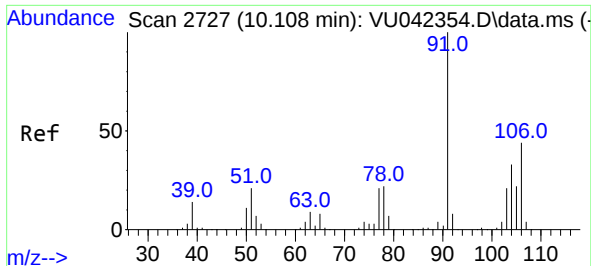
Tgt Ion: 91 Resp: 466459  
Ion Ratio Lower Upper  
91 100  
106 30.8 21.1 39.3



#53  
m,p-Xylene  
Concen: 11.18 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

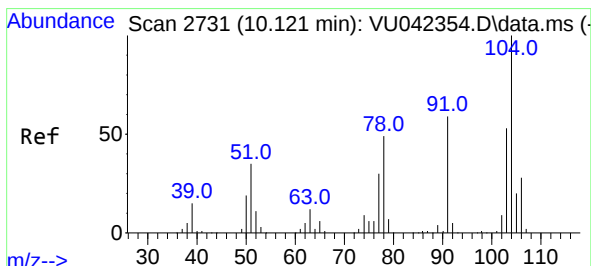
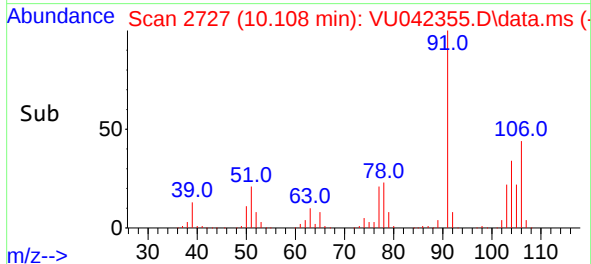
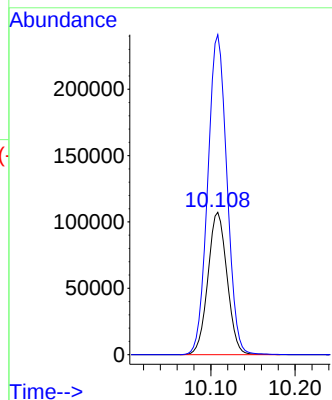
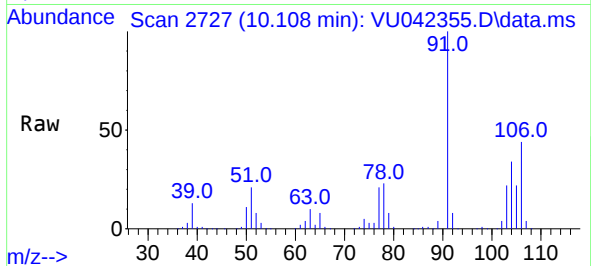
Tgt Ion:106 Resp: 174856  
Ion Ratio Lower Upper  
106 100  
91 210.1 145.1 269.5





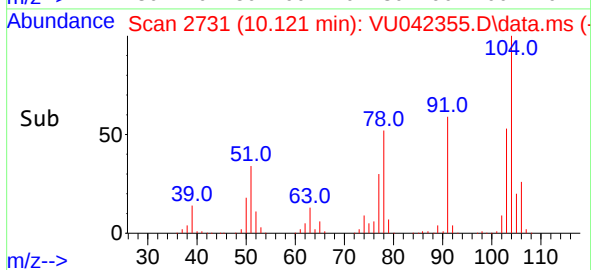
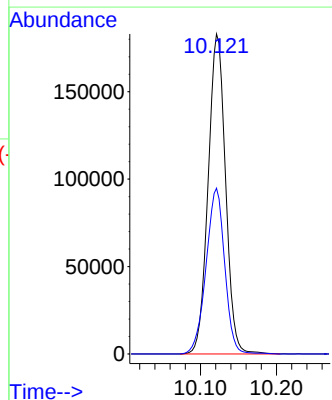
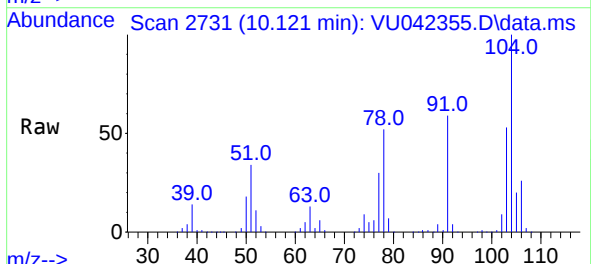
#54  
o-Xylene  
Concen: 11.21 ug/L  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

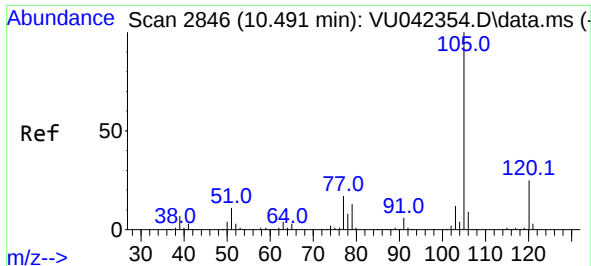
Tgt Ion:106 Resp: 169629  
Ion Ratio Lower Upper  
106 100  
91 224.8 153.0 284.2



#55  
Styrene  
Concen: 11.17 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:104 Resp: 290971  
Ion Ratio Lower Upper  
104 100  
78 51.8 34.9 64.7

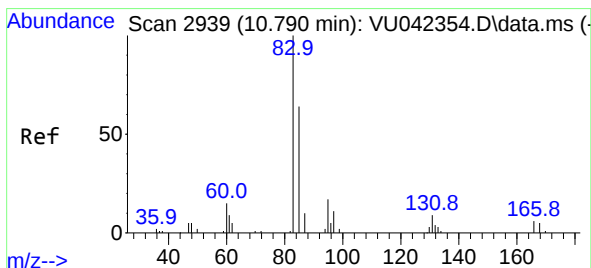
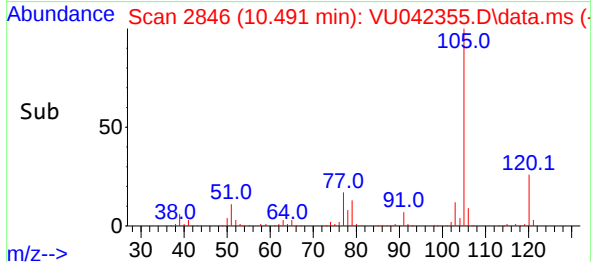
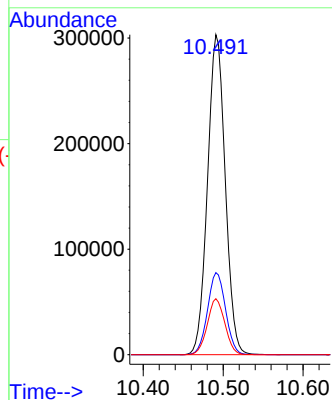
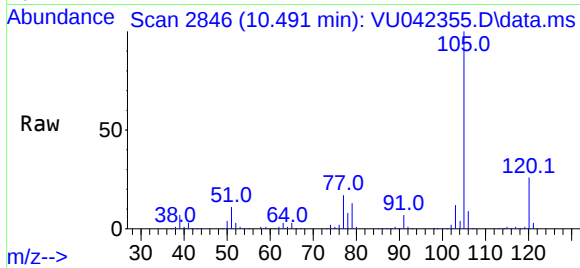




#56  
Isopropylbenzene  
Concen: 11.12 ug/L  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

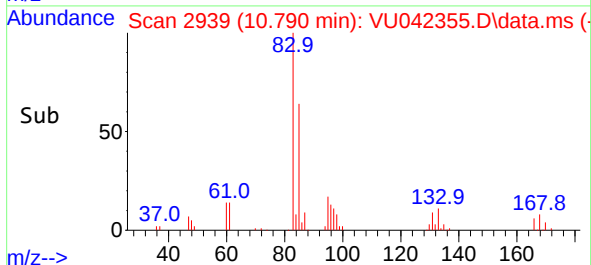
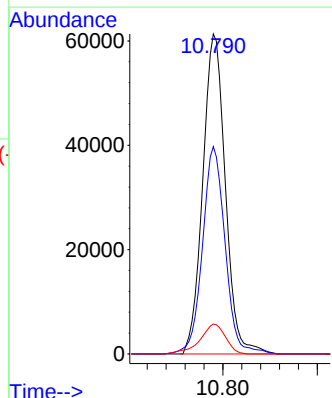
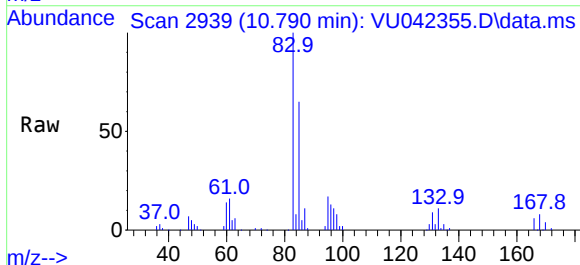
Instrument :  
MSVOA\_U  
ClientSampleId :

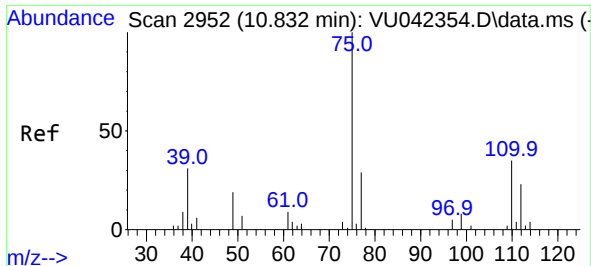
Tgt Ion:105 Resp: 467441  
Ion Ratio Lower Upper  
105 100  
120 26.1 20.8 31.2  
77 17.4 13.4 20.0



#58  
1,1,2,2-Tetrachloroethane  
Concen: 11.91 ug/L  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 83 Resp: 101677  
Ion Ratio Lower Upper  
83 100  
85 64.8 44.4 82.4  
131 9.4 8.6 12.8

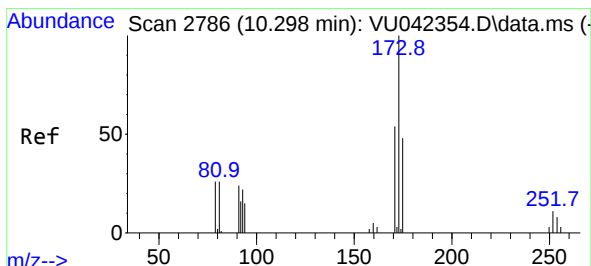
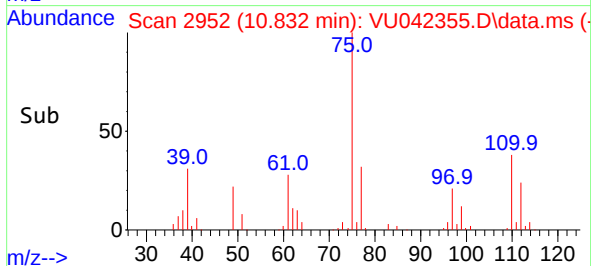
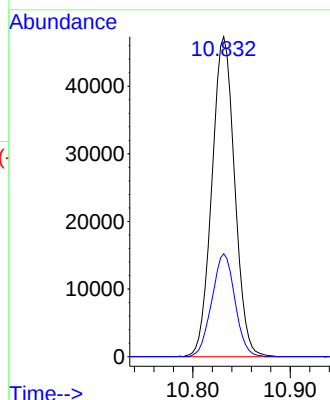
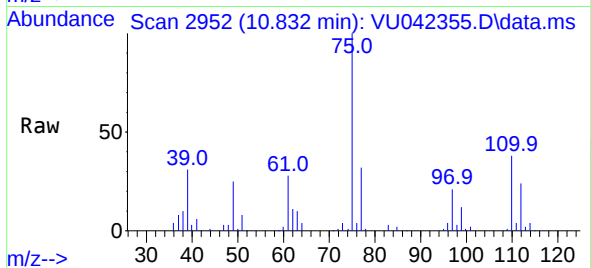




#59  
1,2,3-Trichloropropane  
Concen: 11.97 ug/L  
RT: 10.832 min Scan# 2952  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

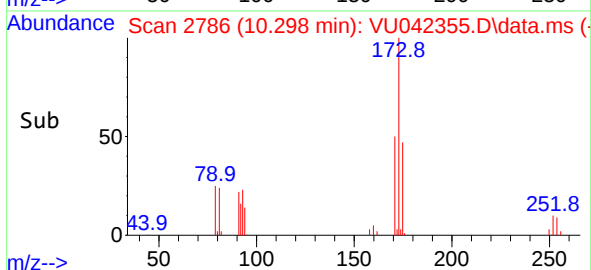
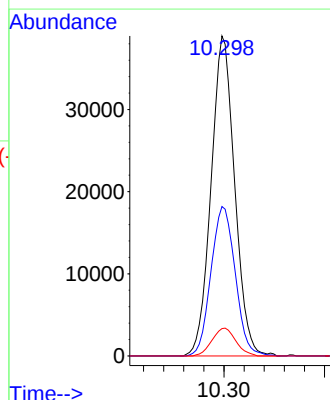
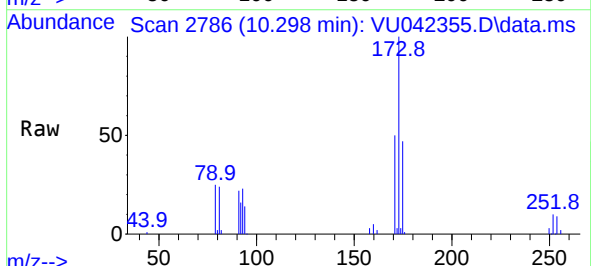
Instrument :  
MSVOA\_U  
ClientSampleId :

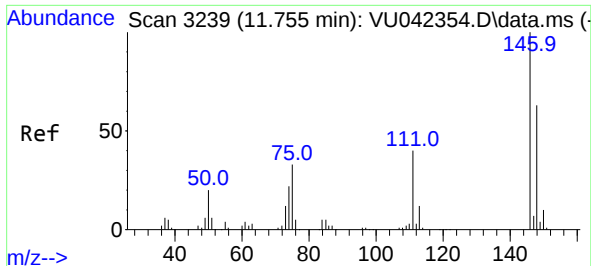
Tgt Ion: 75 Resp: 76729  
Ion Ratio Lower Upper  
75 100  
77 32.7 26.0 39.0



#61  
Bromoform  
Concen: 10.87 ug/L  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:173 Resp: 63432  
Ion Ratio Lower Upper  
173 100  
175 48.0 38.7 58.1  
254 8.8 7.9 11.9

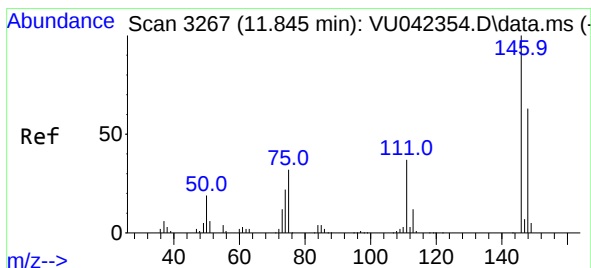
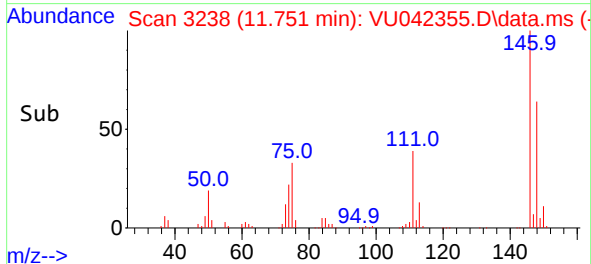
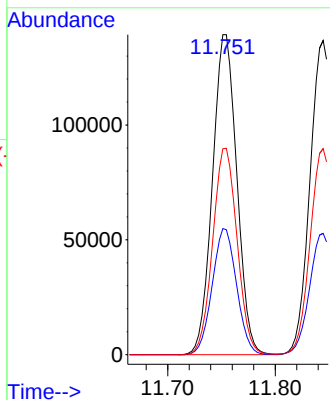
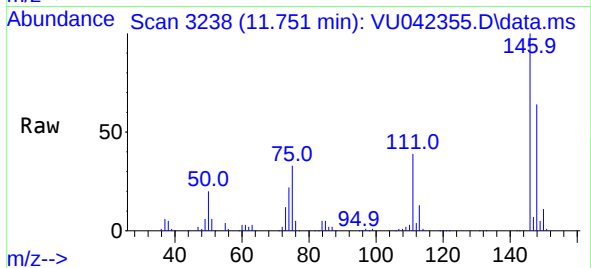




#62  
1,3-Dichlorobenzene  
Concen: 10.81 ug/L  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

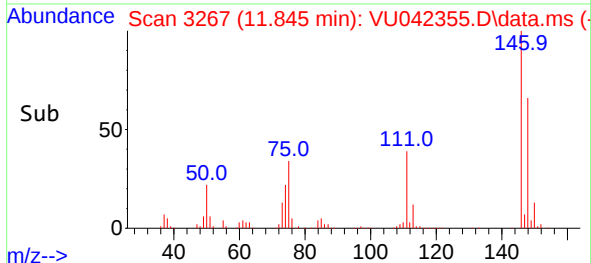
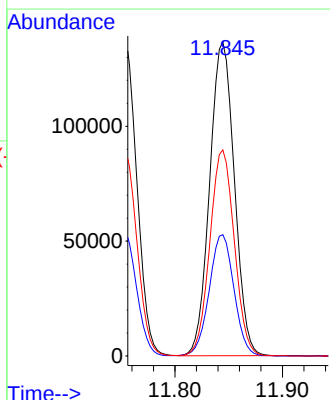
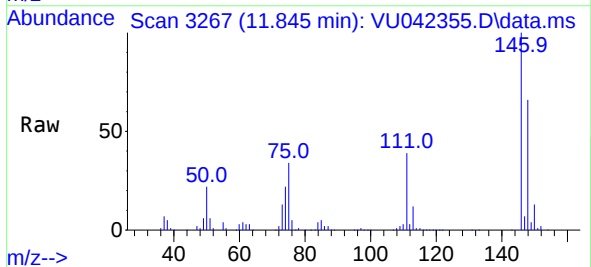
Instrument :  
MSVOA\_U  
ClientSampleId :

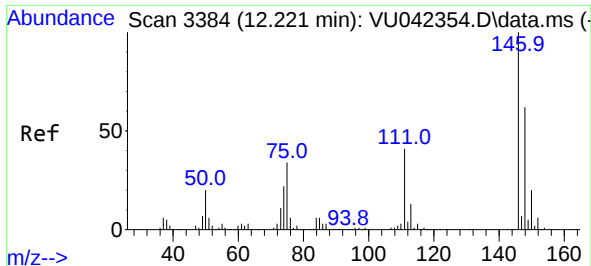
Tgt Ion:146 Resp: 219308  
Ion Ratio Lower Upper  
146 100  
111 39.4 27.2 50.4  
148 64.3 44.6 82.8



#63  
1,4-Dichlorobenzene  
Concen: 10.73 ug/L  
RT: 11.845 min Scan# 3267  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:146 Resp: 218072  
Ion Ratio Lower Upper  
146 100  
111 38.6 25.8 47.8  
148 65.6 44.1 81.9

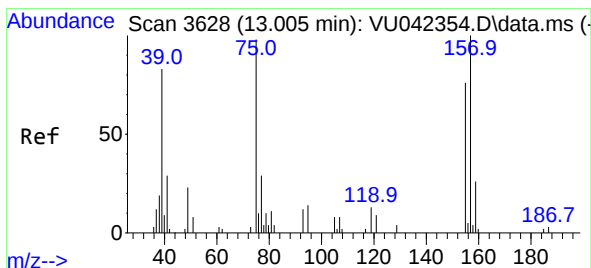
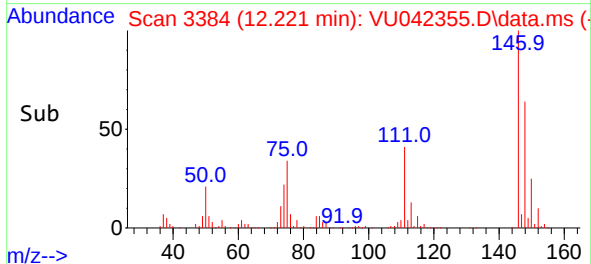
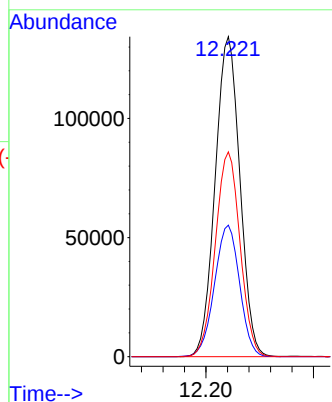
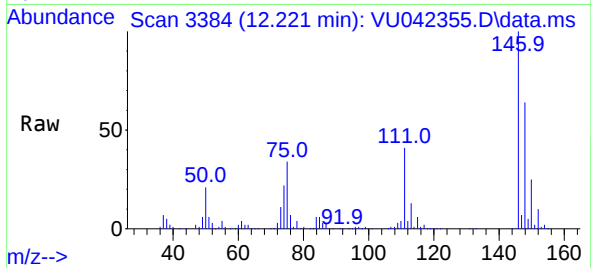




#65  
1,2-Dichlorobenzene  
Concen: 11.23 ug/L  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

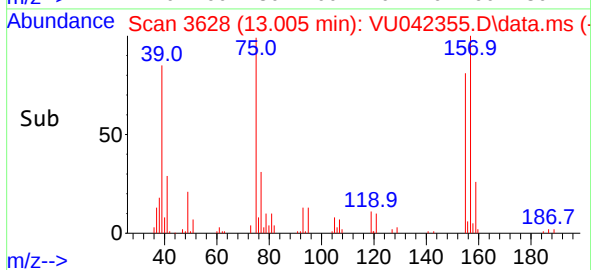
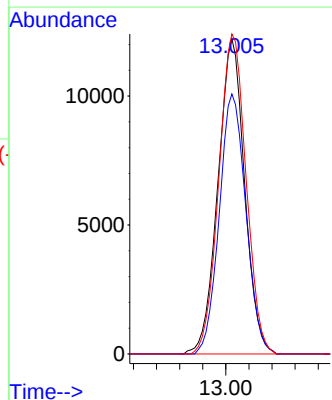
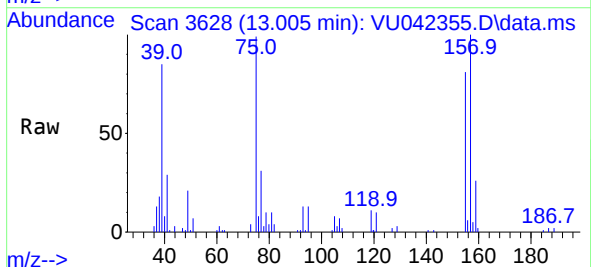
Instrument :  
MSVOA\_U  
ClientSampled :

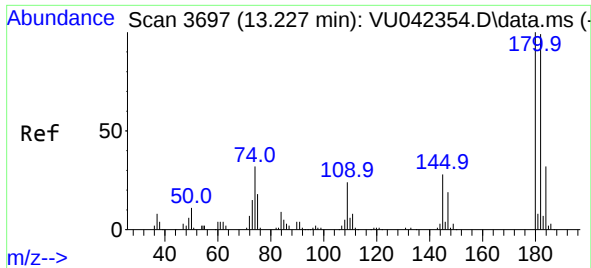
Tgt Ion:146 Resp: 214321  
Ion Ratio Lower Upper  
146 100  
111 41.1 32.7 49.1  
148 64.0 51.7 77.5



#66  
1,2-Dibromo-3-chloropropane  
Concen: 11.51 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion: 75 Resp: 19551  
Ion Ratio Lower Upper  
75 100  
155 82.5 69.0 103.6  
157 101.5 91.0 136.6



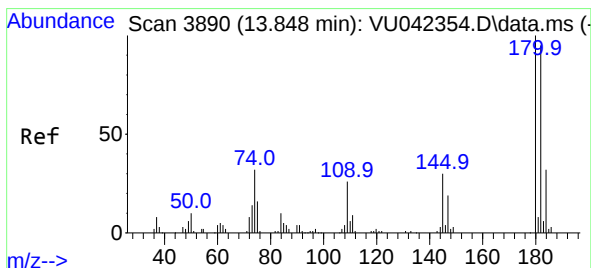
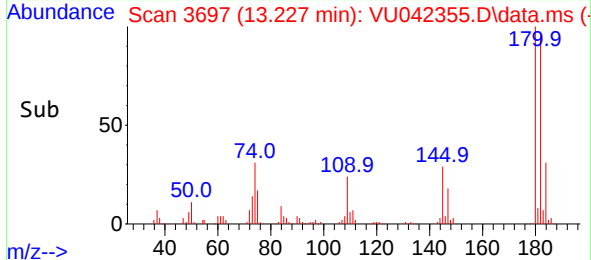
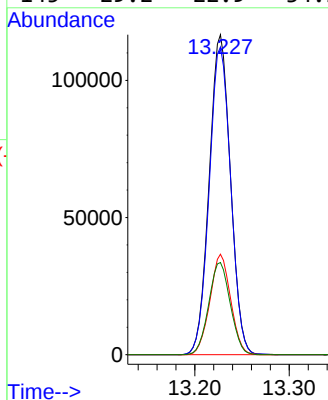
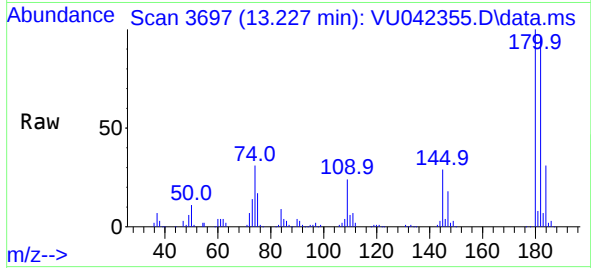


#67  
1,3,5-Trichlorobenzene  
Concen: 11.19 ug/L  
RT: 13.227 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:180 Resp: 182278

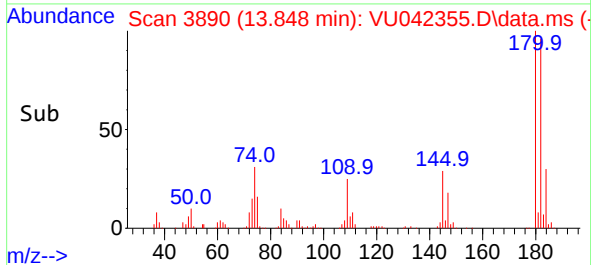
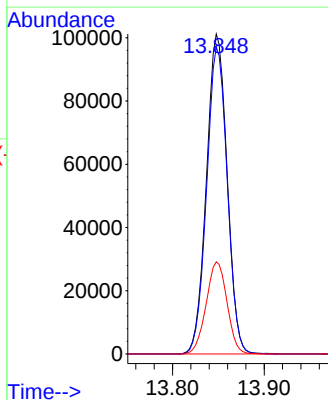
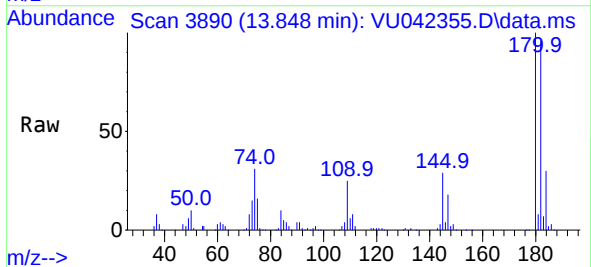
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.0  | 76.4  | 114.6 |
| 184 | 30.6  | 23.9  | 35.9  |
| 145 | 29.2  | 22.9  | 34.3  |

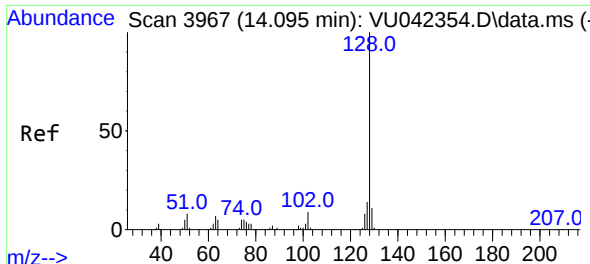


#68  
1,2,4-trichlorobenzene  
Concen: 12.27 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:180 Resp: 158919

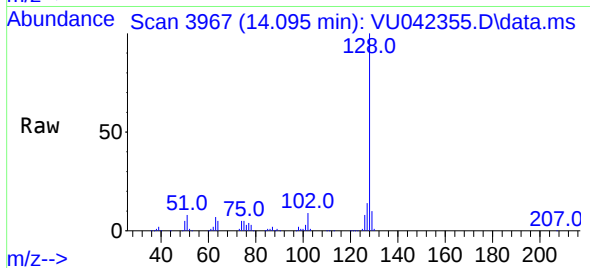
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.3  | 76.3  | 114.5 |
| 145 | 29.0  | 23.7  | 35.5  |



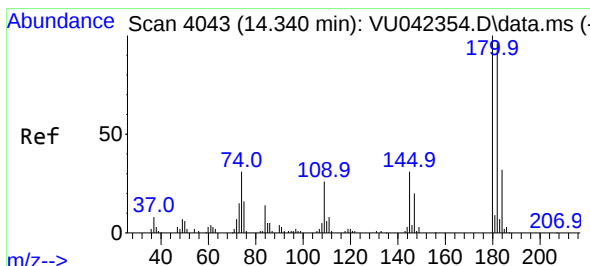
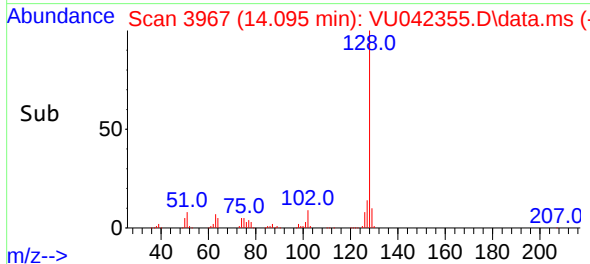
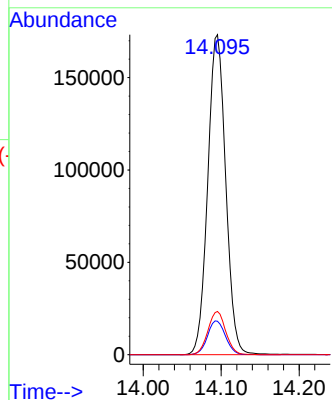


#69  
Naphthalene  
Concen: 14.43 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 277125  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.7 13.1  
127 13.5 10.6 15.8



#70  
1,2,3-Trichlorobenzene  
Concen: 12.44 ug/L  
RT: 14.336 min Scan# 4042  
Delta R.T. -0.003 min  
Lab File: VU042355.D  
Acq: 19 Feb 2021 11:16

Tgt Ion:180 Resp: 143210  
Ion Ratio Lower Upper  
180 100  
182 95.4 75.6 113.4  
145 31.0 24.7 37.1

