

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012821\  
 Data File : VU042204.D  
 Acq On : 28 Jan 2021 14:27  
 Operator : SY/MD  
 Sample : VSTDIC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 29 07:38:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012821DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Jan 29 07:37:00 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|------|----------|-------|---------|----------|
| -----                        |        |      |          |       |         |          |
| Internal Standards           |        |      |          |       |         |          |
| 1) Fluorobenzene             | 6.124  | 96   | 14165    | 1.00  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |         |          |
| 57) 4-Bromofluorobenzene     | 10.642 | 95   | 5486     | 1.00  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 100.00% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.205 | 152  | 5607     | 1.03  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 103.00% |          |
| Target Compounds             |        |      |          |       |         |          |
|                              |        |      |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 11263    | 2.06  | ug/l    | 97       |
| 3) Chloromethane             | 1.523  | 50   | 9967     | 1.98  | ug/l    | 96       |
| 4) Vinyl Chloride            | 1.610  | 62   | 9757     | 2.06  | ug/l    | 99       |
| 5) Bromomethane              | 1.864  | 94   | 4747     | 1.55  | ug/l    | 91       |
| 6) Chloroethane              | 1.941  | 64   | 5580     | 2.04  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 13785    | 2.06  | ug/l    | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 7298     | 2.03  | ug/l    | 97       |
| 9) 1,1-Dichloroethene        | 2.591  | 96   | 6710     | 2.07  | ug/l    | 91       |
| 10) Iodomethane              | 2.732  | 142  | 9260     | 2.07  | ug/l    | 97       |
| 11) Allyl Chloride           | 2.935  | 41   | 13515    | 2.13  | ug/l    | 100      |
| 12) Acrylonitrile            | 3.327  | 53   | 3319     | 4.33  | ug/l    | 99       |
| 13) Acetone                  | 2.639  | 43   | 5766     | 10.69 | ug/l    | 95       |
| 14) Carbon Disulfide         | 2.803  | 76   | 21421    | 2.00  | ug/l    | 97       |
| 15) Methylene Chloride       | 3.057  | 84   | 7699     | 2.09  | ug/l    | 98       |
| 16) trans-1,2-Dichloroethene | 3.362  | 96   | 7065     | 2.05  | ug/l    | 94       |
| 17) 1,1-Dichloroethane       | 3.880  | 63   | 13664    | 2.02  | ug/l    | 99       |
| 18) 2-Butanone               | 4.732  | 43   | 10456    | 10.32 | ug/l    | 98       |
| 19) Cyclohexane              | 5.391  | 56   | 12721    | 2.06  | ug/l    | 93       |
| 20) Methylcyclohexane        | 6.771  | 83   | 14304    | 2.12  | ug/l    | 98       |
| 21) 2,2-Dichloropropane      | 4.678  | 77   | 13367    | 2.00  | ug/l    | 97       |
| 22) cis-1,2-Dichloroethene   | 4.678  | 96   | 7643     | 2.00  | ug/l    | 98       |
| 23) Diethyl Ether            | 2.385  | 59   | 5495     | 2.06  | ug/l    | 97       |
| 24) tert-Butyl Alcohol       | 3.218  | 59   | 3978     | 18.56 | ug/l    | 100      |
| 25) Methyl tert-Butyl Ether  | 3.379  | 73   | 18893    | 2.00  | ug/l    | 99       |
| 26) Bromochloromethane       | 4.989  | 128  | 3521     | 2.01  | ug/l    | 97       |
| 27) Chloroform               | 5.102  | 83   | 13923    | 2.05  | ug/l    | 100      |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 12530    | 1.96  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 11997    | 2.16  | ug/l    | 99       |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 12250    | 2.09  | ug/l    | 96       |
| 31) Isopropyl Ether          | 4.015  | 45   | 26123    | 2.09  | ug/l    | 98       |
| 32) Ethyl-t-butyl ether      | 4.523  | 59   | 23763    | 2.10  | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.964  | 73   | 21963    | 2.10  | ug/l    | 98       |
| 34) Propionitrile            | 4.803  | 54   | 2982     | 11.54 | ug/l #  | 81       |
| 35) Benzene                  | 5.784  | 78   | 31510    | 2.06  | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.809  | 62   | 11441    | 2.11  | ug/l    | 97       |
| 37) Trichloroethene          | 6.552  | 130  | 8746     | 2.12  | ug/l    | 98       |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 8358     | 2.03  | ug/l    | 97       |
| 39) Methacrylonitrile        | 4.996  | 41   | 4192     | 2.62  | ug/l #  | 86       |
| 40) Methyl acrylate          | 4.867  | 55   | 4529     | 2.10  | ug/l #  | 94       |
| 41) Tetrahydrofuran          | 5.079  | 42   | 3337     | 4.23  | ug/l #  | 73       |
| 42) 1-Chlorobutane           | 5.468  | 56   | 17337    | 2.08  | ug/l    | 100      |
| 43) Dibromomethane           | 6.931  | 93   | 4610     | 2.10  | ug/l    | 96       |
| 44) Bromodichloromethane     | 7.118  | 83   | 10925    | 1.98  | ug/l    | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012821\  
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 Operator : SY/MD  
 Sample : VSTDIC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

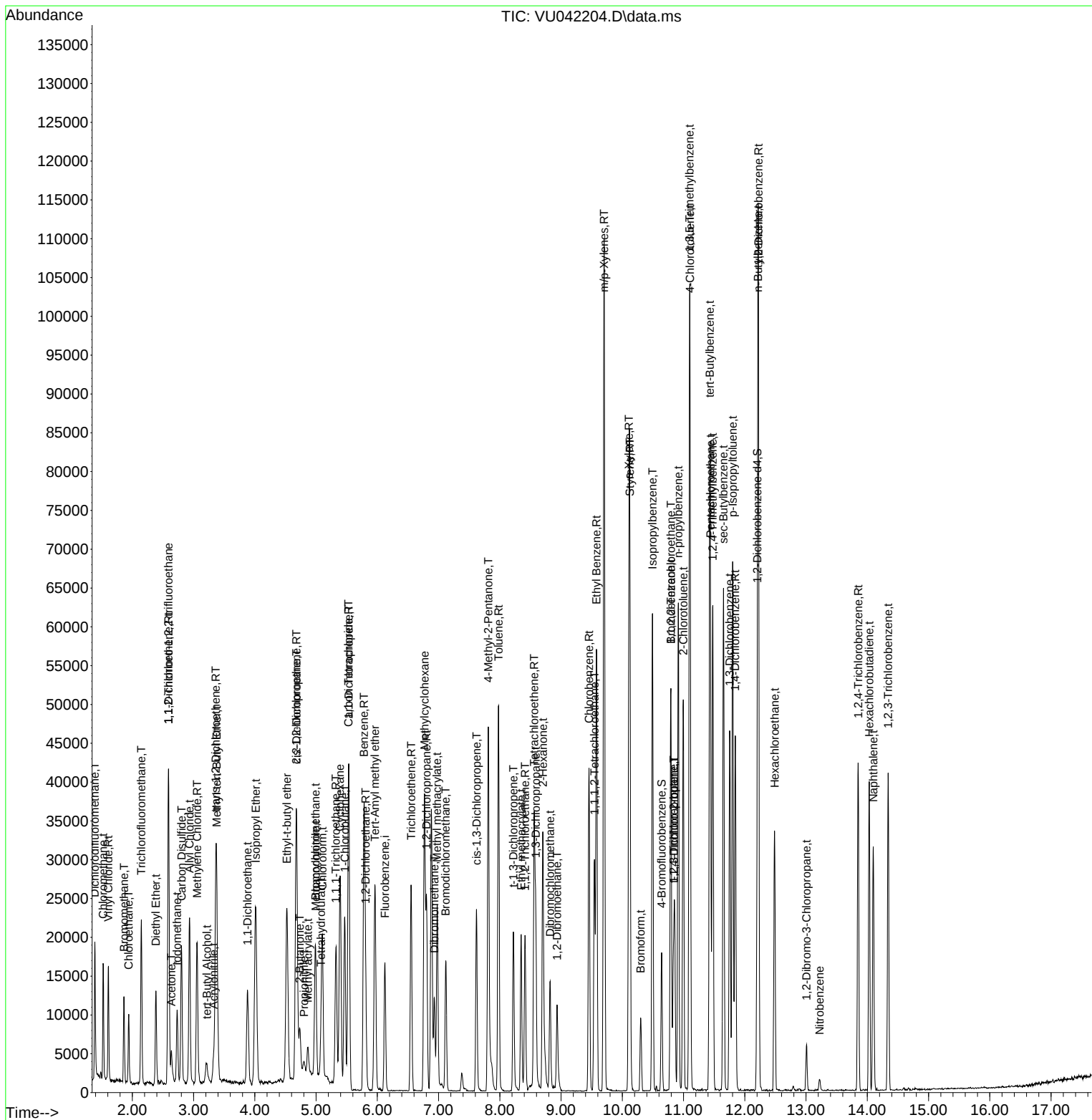
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 MSVOA\_U  
 ClientSampleId :

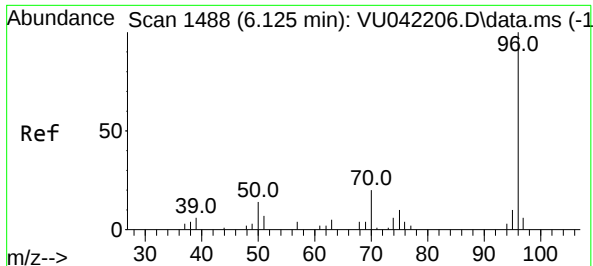
Quant Time: Jan 29 07:38:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012821DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Jan 29 07:37:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.812  | 43   | 37650    | 10.99 | ug/l   | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.841 | 75   | 11183    | 9.23  | ug/l # | 52       |
| 47) Methyl methacrylate       | 6.976  | 69   | 8868     | 3.94  | ug/l   | 95       |
| 48) Ethyl methacrylate        | 8.349  | 69   | 9844     | 2.14  | ug/l   | 95       |
| 49) Toluene                   | 7.980  | 92   | 19393    | 2.01  | ug/l   | 97       |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 11129    | 2.04  | ug/l   | 96       |
| 51) cis-1,3-Dichloropropene   | 7.620  | 75   | 12234    | 1.98  | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.410  | 97   | 6215     | 2.09  | ug/l   | 96       |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 11402    | 2.11  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.703  | 43   | 27744    | 11.58 | ug/l   | 98       |
| 55) Dibromochloromethane      | 8.822  | 129  | 7168     | 1.92  | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.935  | 107  | 6292     | 2.07  | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.562  | 164  | 7584     | 1.91  | ug/l   | 97       |
| 59) Chlorobenzene             | 9.455  | 112  | 21148    | 2.07  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.545  | 131  | 7955     | 2.00  | ug/l   | 98       |
| 61) Pentachloroethane         | 11.439 | 117  | 6255     | 2.23  | ug/l   | 99       |
| 62) Hexachloroethane          | 12.487 | 117  | 5945     | 1.97  | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.578  | 91   | 39004    | 2.11  | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.703  | 106  | 28757    | 4.19  | ug/l   | 98       |
| 65) o-Xylene                  | 10.108 | 106  | 14178    | 2.10  | ug/l   | 100      |
| 66) Styrene                   | 10.124 | 104  | 23665    | 2.08  | ug/l   | 99       |
| 67) Bromoform                 | 10.301 | 173  | 4524     | 1.87  | ug/l # | 97       |
| 69) Isopropylbenzene          | 10.494 | 105  | 38481    | 2.11  | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 8139     | 2.18  | ug/l   | 96       |
| 71) 1,2,3-Trichloropropane    | 10.841 | 75   | 11183    | 3.74  | ug/l   | 74       |
| 72) Bromobenzene              | 10.793 | 156  | 9674     | 2.10  | ug/l   | 100      |
| 73) n-propylbenzene           | 10.915 | 120  | 10458    | 2.21  | ug/l   | 99       |
| 74) 2-Chlorotoluene           | 10.996 | 126  | 9162     | 2.15  | ug/l   | 96       |
| 75) 1,3,5-Trimethylbenzene    | 11.098 | 105  | 33654    | 2.18  | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 9321     | 2.14  | ug/l   | 99       |
| 77) tert-Butylbenzene         | 11.430 | 119  | 32897    | 2.14  | ug/l   | 98       |
| 78) 1,2,4-Trimethylbenzene    | 11.478 | 105  | 33628    | 2.19  | ug/l   | 98       |
| 79) sec-Butylbenzene          | 11.652 | 105  | 43052    | 2.21  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.221 | 77   | 996      | 9.19  | ug/l # | 87       |
| 81) p-Isopropyltoluene        | 11.803 | 119  | 36319    | 2.21  | ug/l   | 98       |
| 82) 1,3-Dichlorobenzene       | 11.754 | 146  | 18306    | 2.16  | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.844 | 146  | 18423    | 2.20  | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.217 | 91   | 34235    | 2.36  | ug/l   | 100      |
| 85) 1,2-Dichlorobenzene       | 12.224 | 146  | 17711    | 2.16  | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 13.008 | 75   | 1603     | 2.11  | ug/l   | 98       |
| 87) 1,2,4-Trichlorobenzene    | 13.851 | 180  | 13808    | 2.49  | ug/l   | 97       |
| 88) Hexachlorobutadiene       | 14.031 | 225  | 7624     | 2.31  | ug/l   | 98       |
| 89) Naphthalene               | 14.098 | 128  | 25757    | 2.60  | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.339 | 180  | 12342    | 2.35  | ug/l   | 99       |

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

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Fri Jan 29 07:37:00 2021  
Response via : Initial Calibration

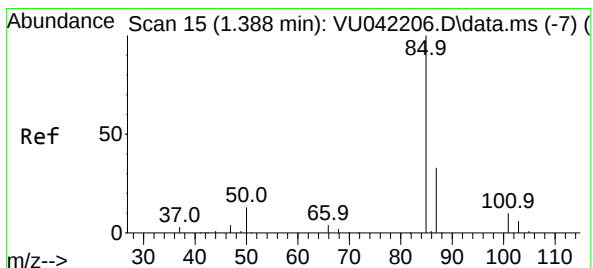
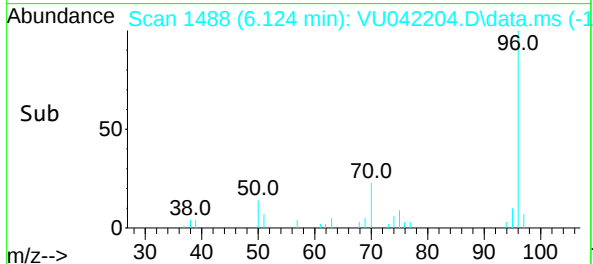
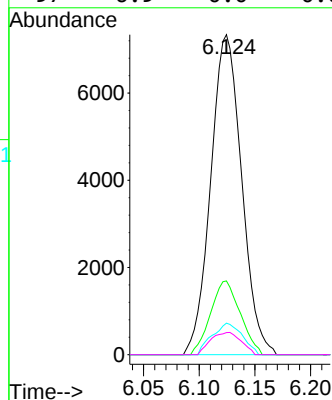
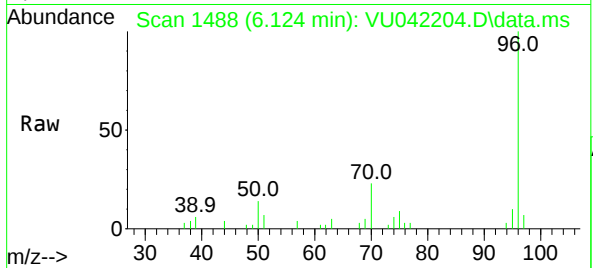




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.124 min Scan# 1488  
Delta R.T. -0.001 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

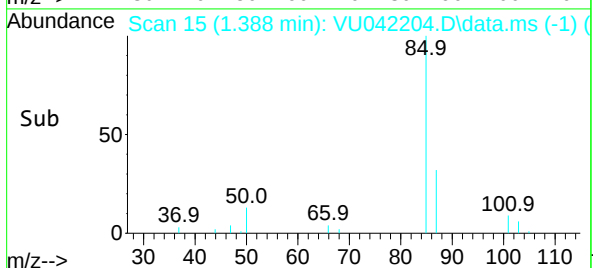
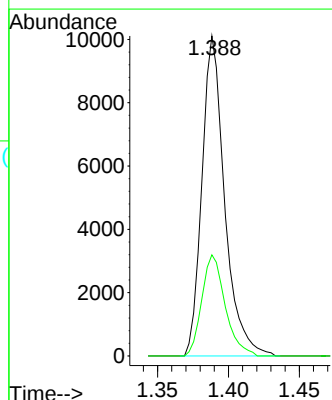
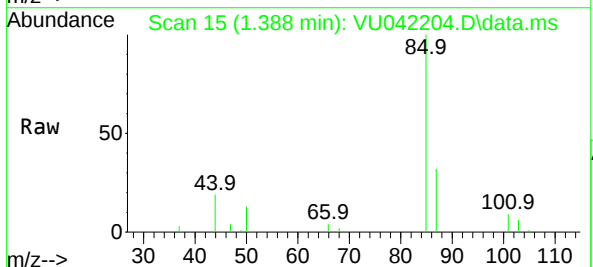
Instrument :  
MSVOA\_U  
ClientSampled :

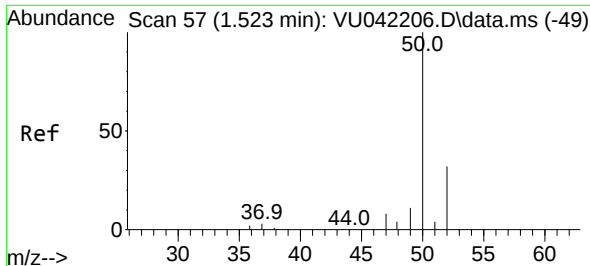
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 14165 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 22.1     | 16.3 24.5   |
| 95 9.6      | 7.6 11.4    |
| 97 6.9      | 0.0 0.0#    |



#2  
Dichlorodifluoromethane  
Concen: 2.06 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 11263 |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 31.6     | 16.7 50.1   |

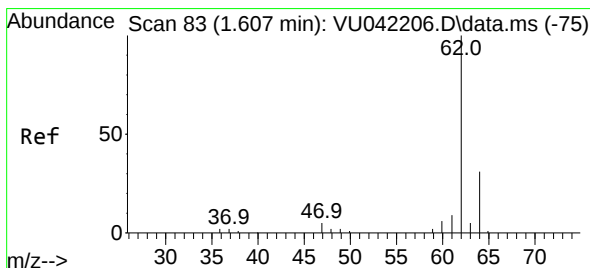
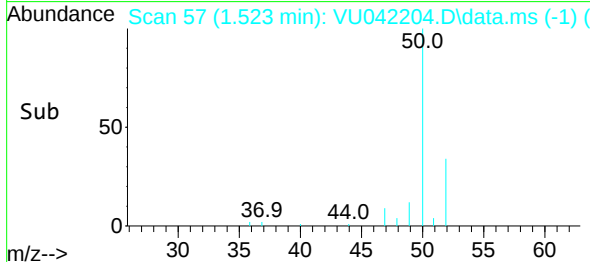
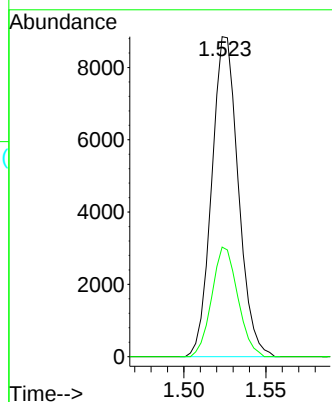
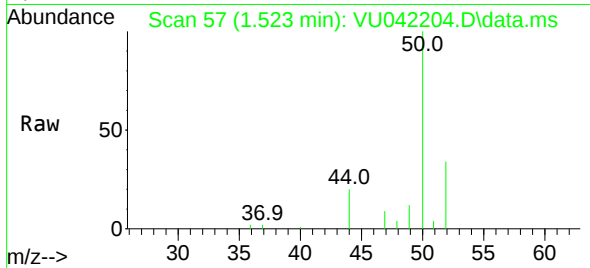




#3  
Chloromethane  
Concen: 1.98 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

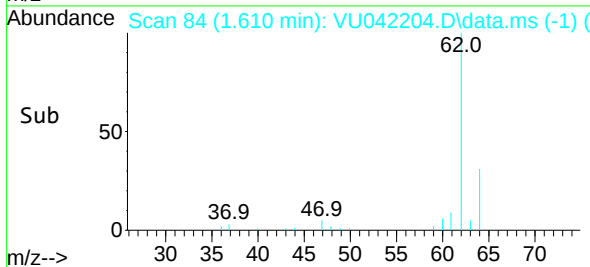
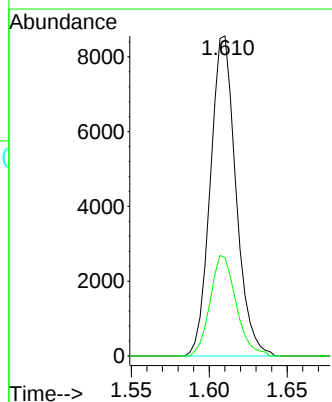
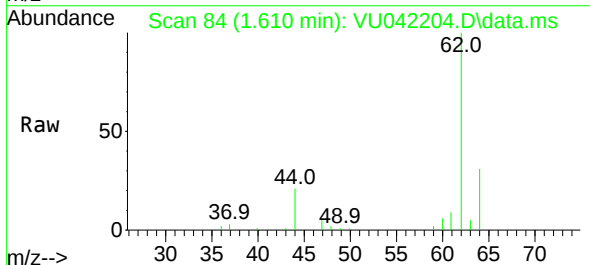
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MSVOA\_U  
ClientSampleId :

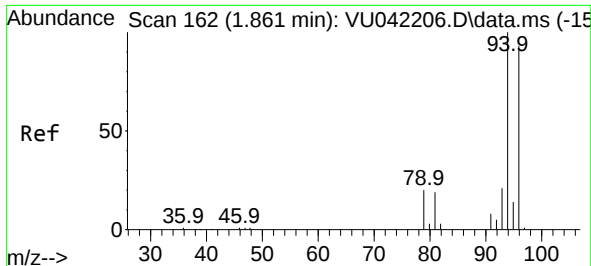
Tgt Ion: 50 Resp: 9967  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.6 38.4



#4  
Vinyl Chloride  
Concen: 2.06 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 62 Resp: 9757  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.1 37.7

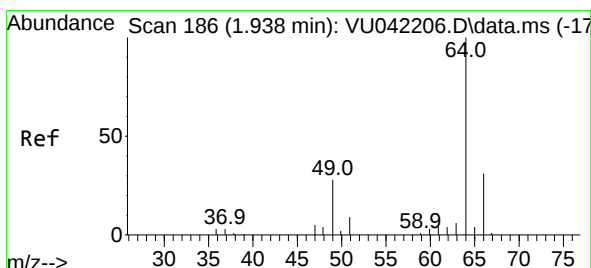
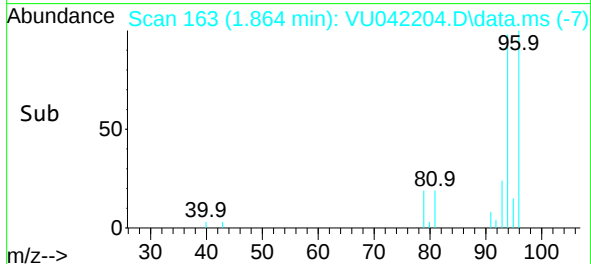
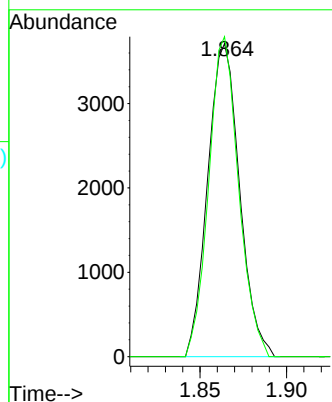
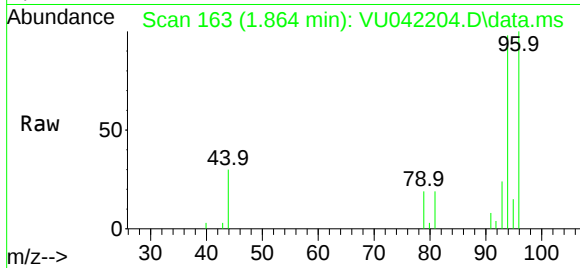




#5  
Bromomethane  
Concen: 1.55 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

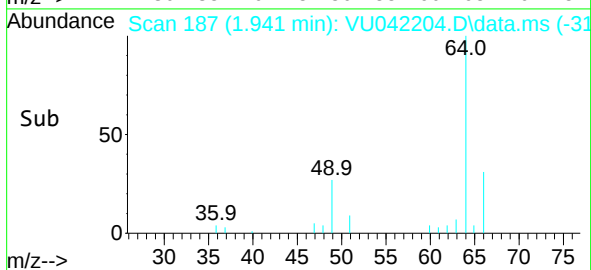
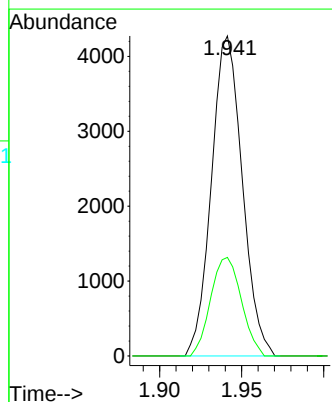
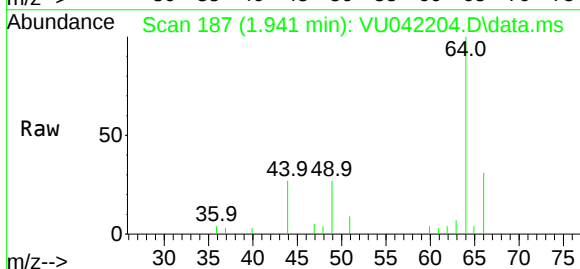
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MSVOA\_U  
ClientSampled :

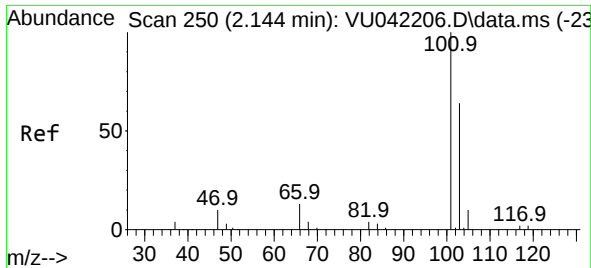
Tgt Ion: 94 Resp: 4747  
Ion Ratio Lower Upper  
94 100  
96 102.2 74.7 112.1



#6  
Chloroethane  
Concen: 2.04 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 64 Resp: 5580  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.0 37.4

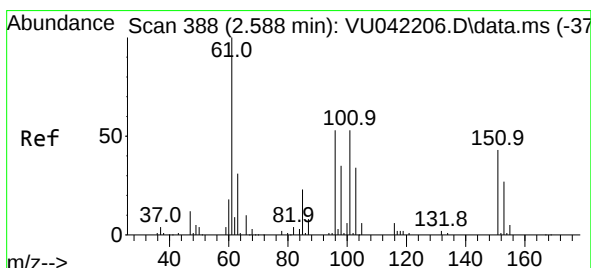
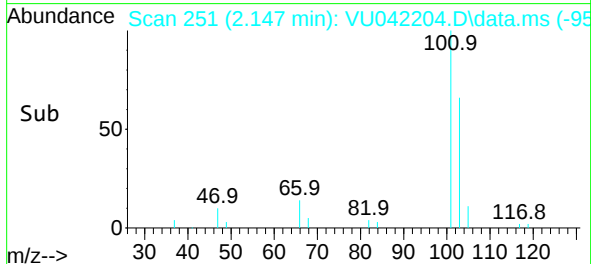
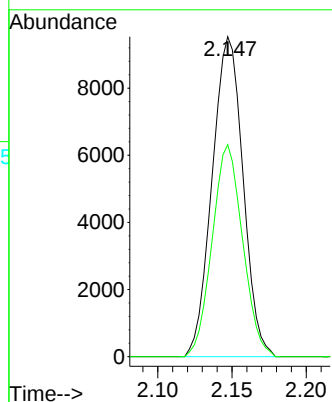
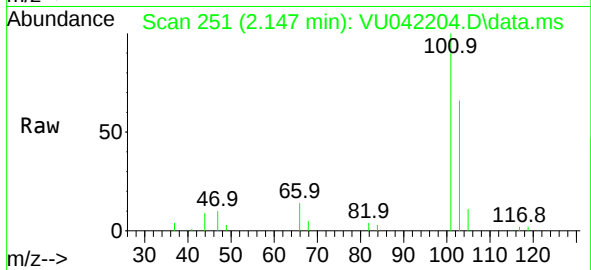




#7  
Trichlorofluoromethane  
Concen: 2.06 ug/l  
RT: 2.147 min Scan# 251  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

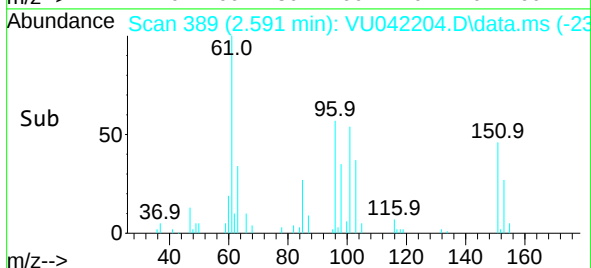
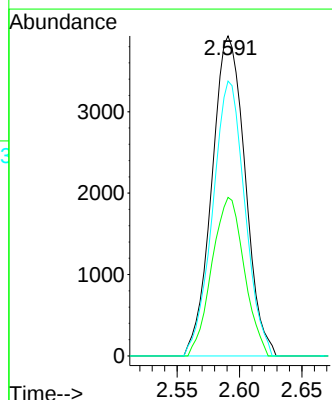
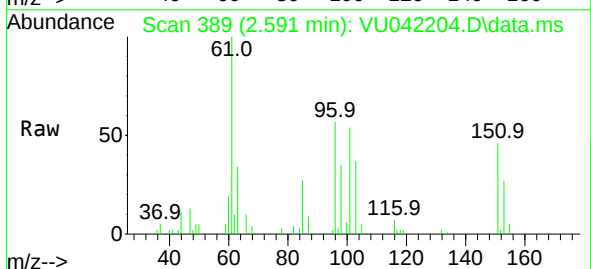
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MSVOA\_U  
ClientSampleId :

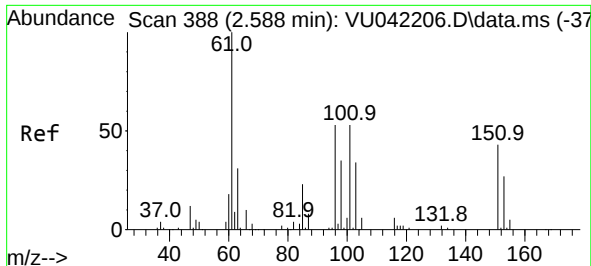
Tgt Ion:101 Resp: 13785  
Ion Ratio Lower Upper  
101 100  
103 66.3 51.5 77.3



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.03 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:101 Resp: 7298  
Ion Ratio Lower Upper  
101 100  
85 48.2 36.1 54.1  
151 83.3 64.6 97.0

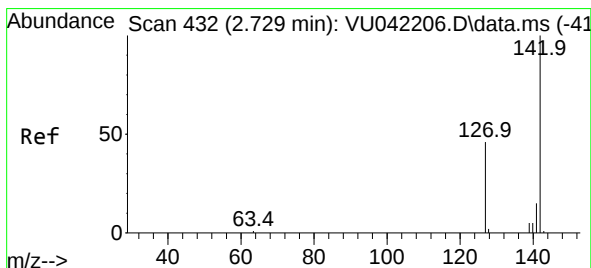
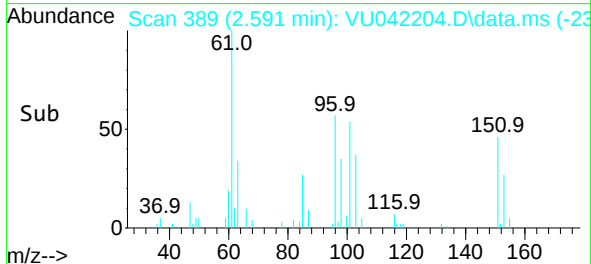
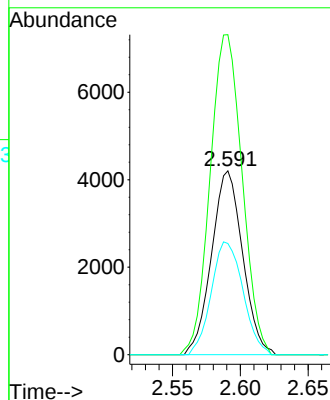
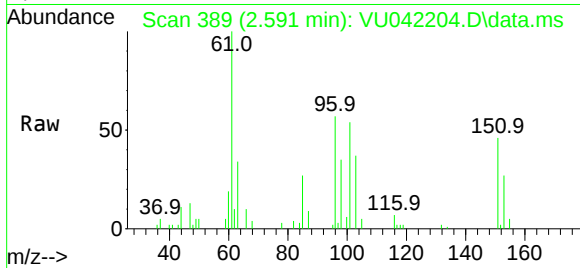




#9  
1,1-Dichloroethene  
Concen: 2.07 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

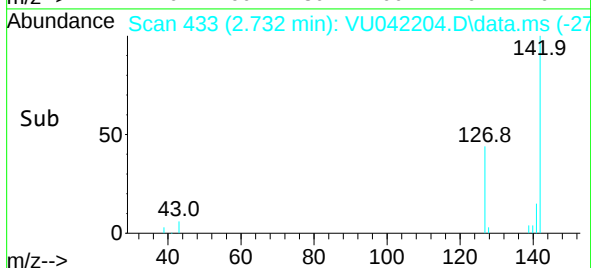
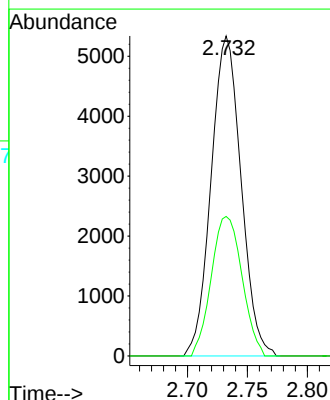
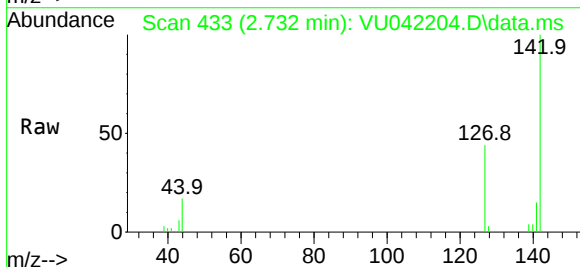
Instrument :  
MSVOA\_U  
ClientSampled :

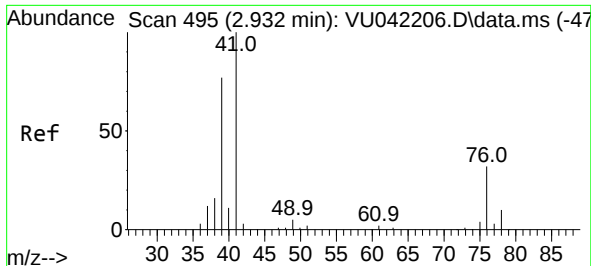
Tgt Ion: 96 Resp: 6710  
Ion Ratio Lower Upper  
96 100  
61 174.0 0.0 565.8  
98 60.5 0.0 131.2



#10  
Iodomethane  
Concen: 2.07 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 142 Resp: 9260  
Ion Ratio Lower Upper  
142 100  
127 44.7 37.1 55.7





#11

Allyl Chloride

Concen: 2.13 ug/l

RT: 2.935 min Scan# 496

Delta R.T. 0.003 min

Lab File: VU042204.D

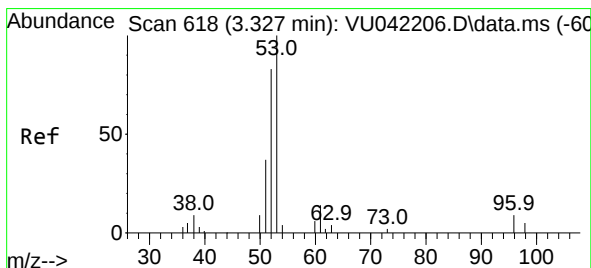
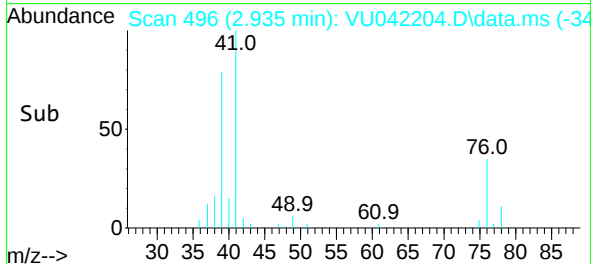
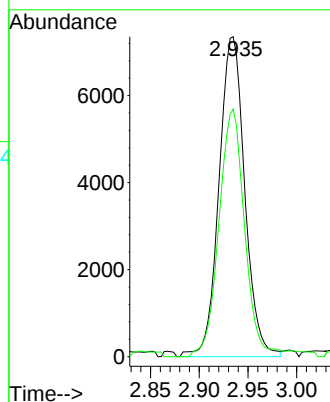
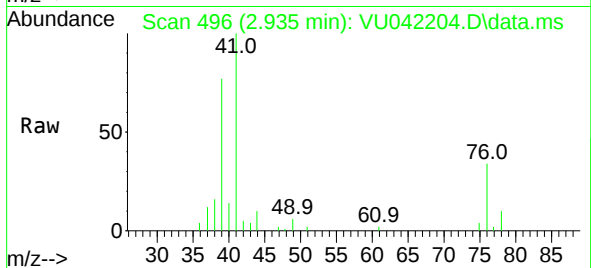
Acq: 28 Jan 2021 14:27

Tgt Ion: 41 Resp: 13515

Ion Ratio Lower Upper

41 100

39 77.2 61.8 92.6



#12

Acrylonitrile

Concen: 4.33 ug/l

RT: 3.327 min Scan# 618

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

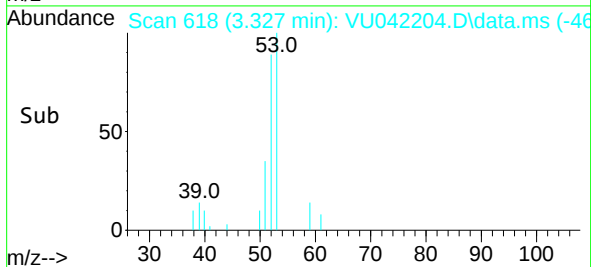
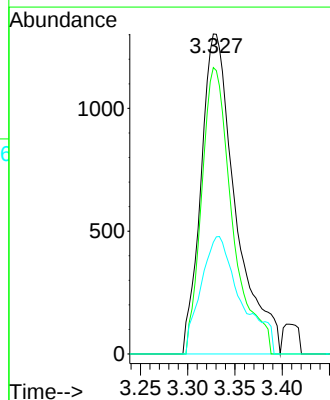
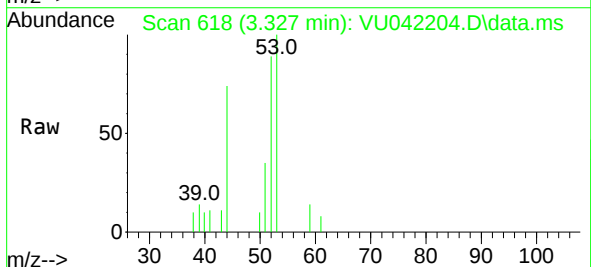
Tgt Ion: 53 Resp: 3319

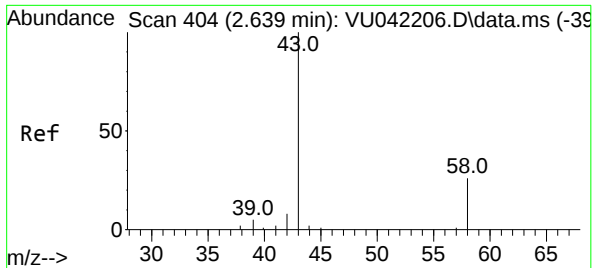
Ion Ratio Lower Upper

53 100

52 79.4 63.7 95.5

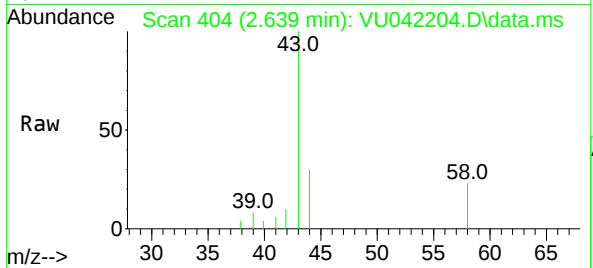
51 42.3 32.7 49.1



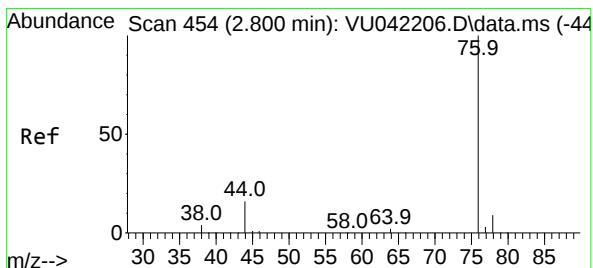
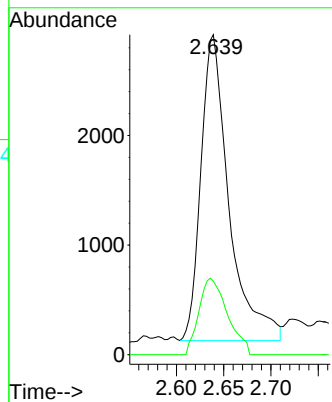
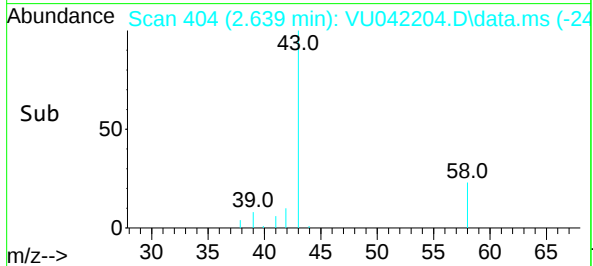


#13  
Acetone  
Concen: 10.69 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

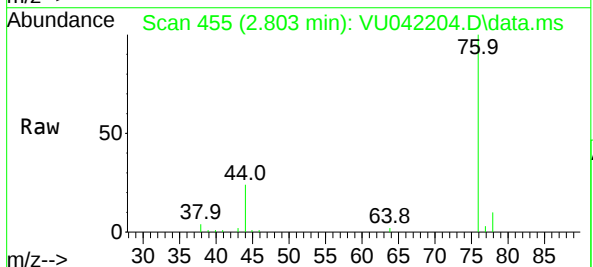
Instrument :  
MSVOA\_U  
ClientSampleId :



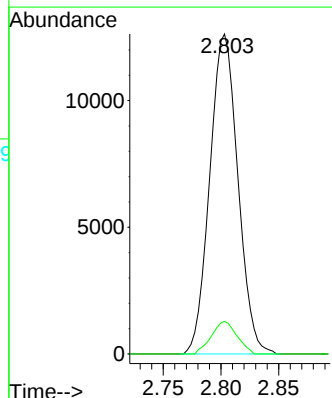
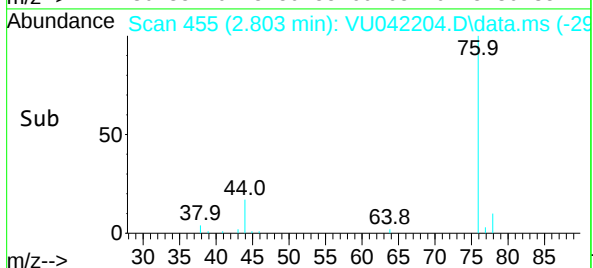
Tgt Ion: 43 Resp: 5766  
Ion Ratio Lower Upper  
43 100  
58 24.0 21.2 31.8

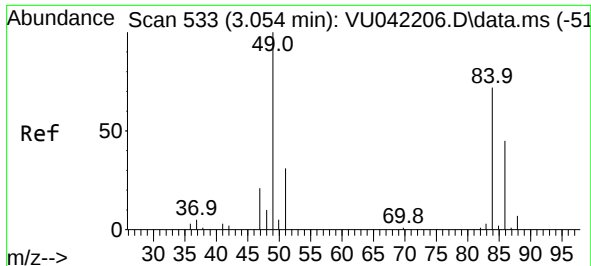


#14  
Carbon Disulfide  
Concen: 2.00 ug/l  
RT: 2.803 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27



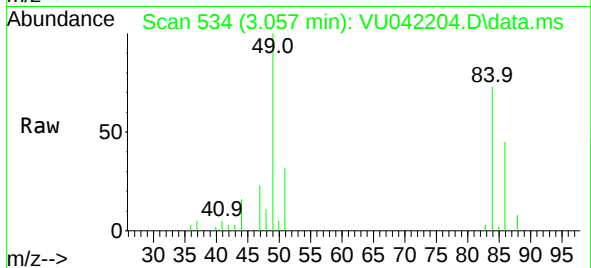
Tgt Ion: 76 Resp: 21421  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.4 11.0



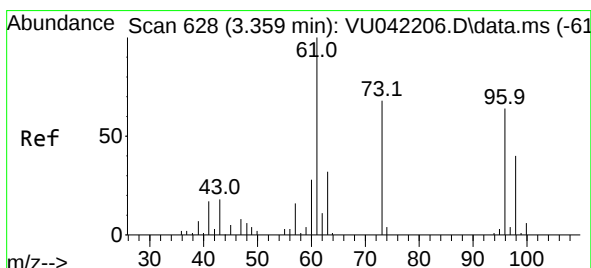
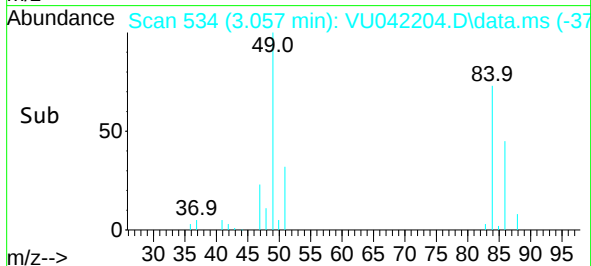
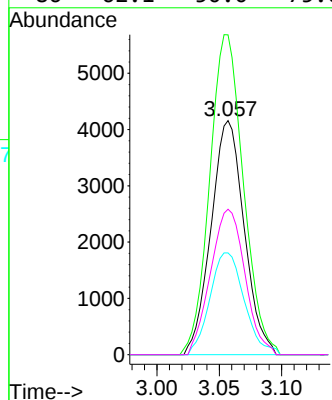


#15  
Methylene Chloride  
Concen: 2.09 ug/l  
RT: 3.057 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

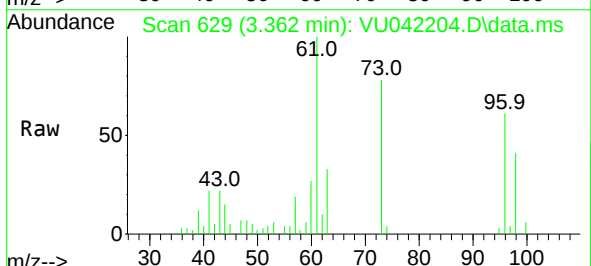
Instrument :  
MSVOA\_U  
ClientSampled :



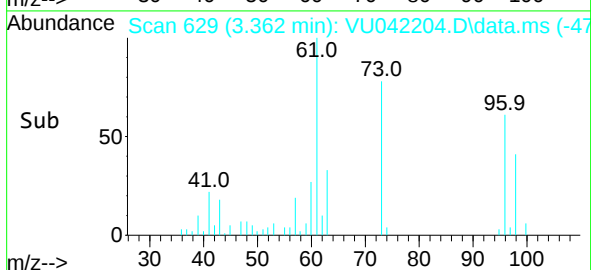
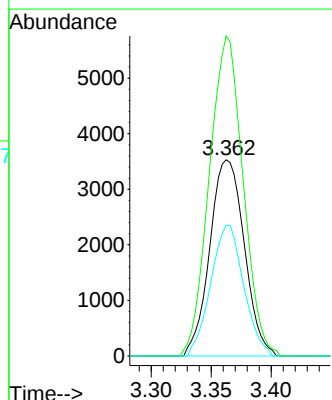
| Tgt Ion: | 84    | Resp: | 7699  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 136.7 | 111.8 | 167.6 |
| 51       | 43.5  | 0.0   | 85.4  |
| 86       | 62.1  | 50.0  | 75.0  |

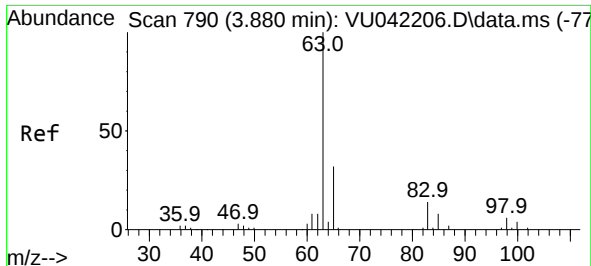


#16  
trans-1,2-Dichloroethene  
Concen: 2.05 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27



| Tgt Ion: | 96    | Resp: | 7065  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 163.1 | 124.2 | 186.4 |
| 98       | 66.6  | 49.7  | 74.5  |





#17

1,1-Dichloroethane

Concen: 2.02 ug/l

RT: 3.880 min Scan# 790

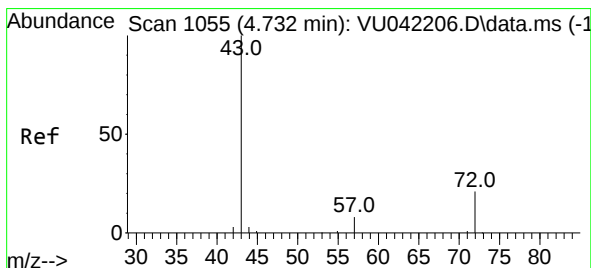
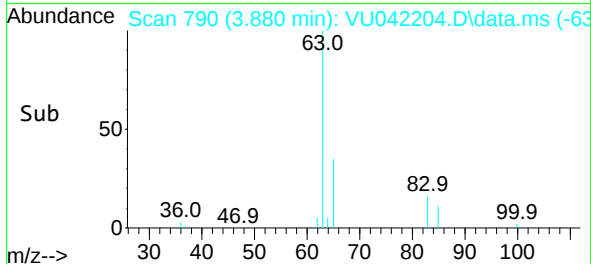
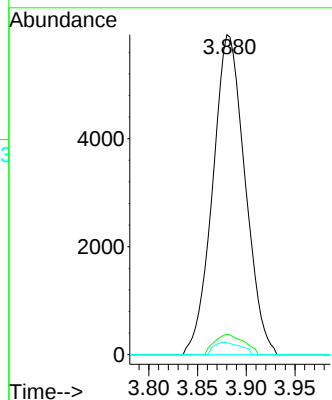
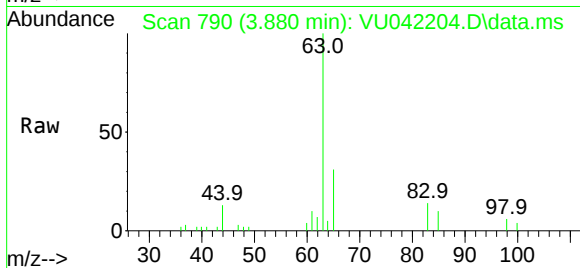
Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 13664 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 6.3   | 3.0   | 9.0   |
| 100       | 3.7   | 2.1   | 6.2   |

Instrument :  
MSVOA\_U  
ClientSampleId :



#18

2-Butanone

Concen: 10.32 ug/l

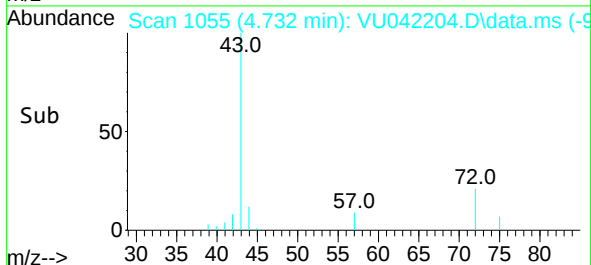
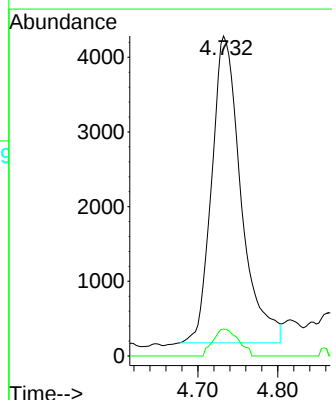
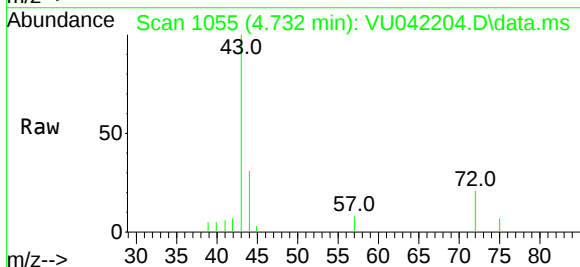
RT: 4.732 min Scan# 1055

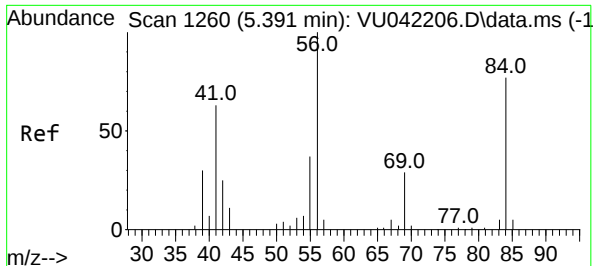
Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 10456 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 8.7   | 0.0   | 16.4  |





#19

Cyclohexane

Concen: 2.06 ug/l

RT: 5.391 min Scan# 1260

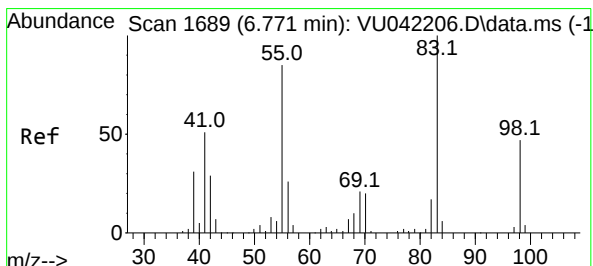
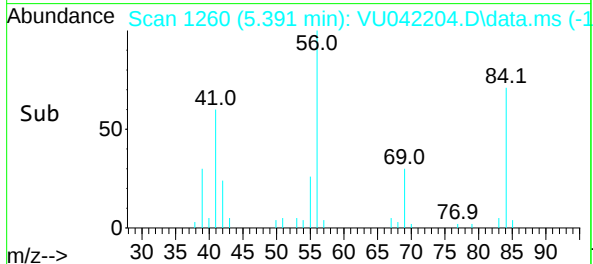
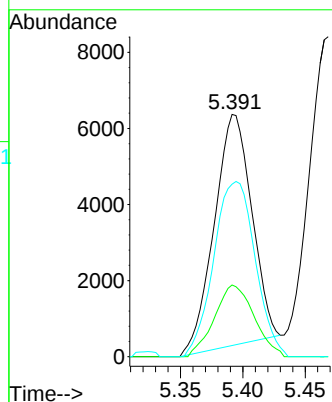
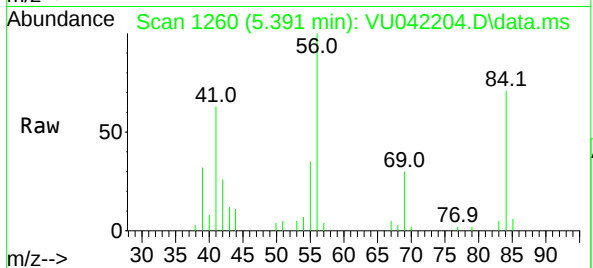
Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 56 Resp: 12721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.8  | 23.4  | 35.2  |
| 84  | 83.8  | 62.0  | 93.0  |



#20

Methylcyclohexane

Concen: 2.12 ug/l

RT: 6.771 min Scan# 1689

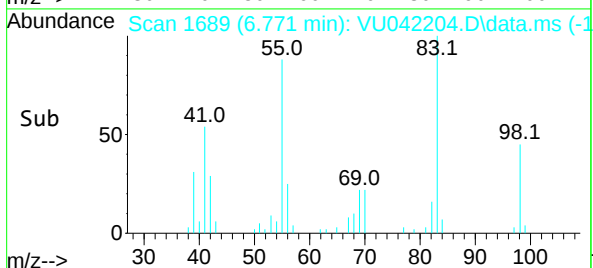
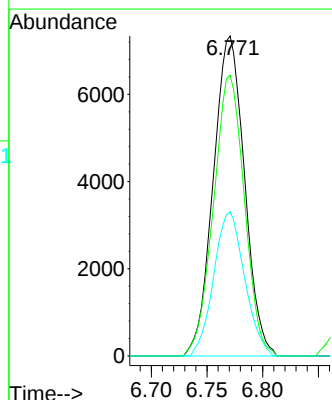
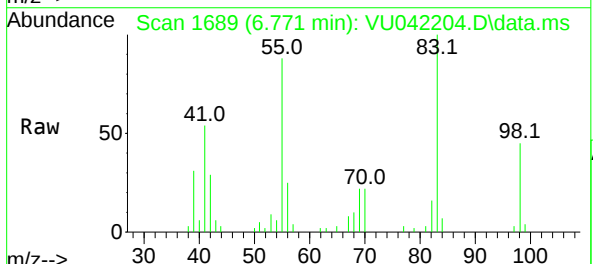
Delta R.T. -0.000 min

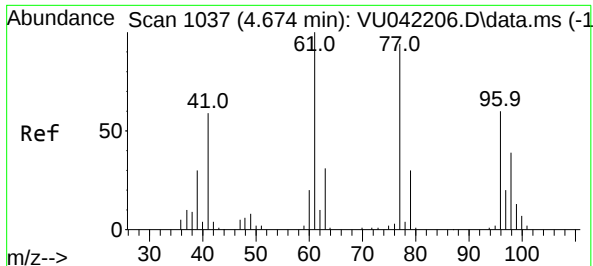
Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 83 Resp: 14304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 86.8  | 68.4  | 102.6 |
| 98  | 44.5  | 36.6  | 55.0  |





#21

2,2-Dichloropropane

Concen: 2.00 ug/l

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU042204.D

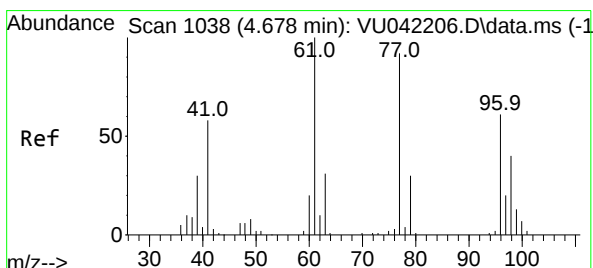
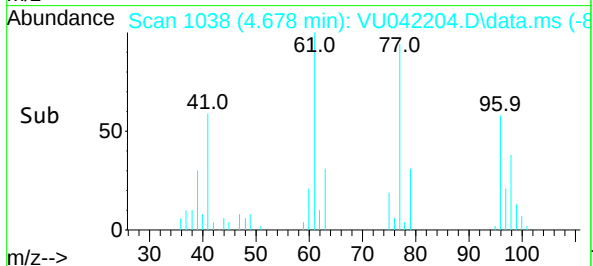
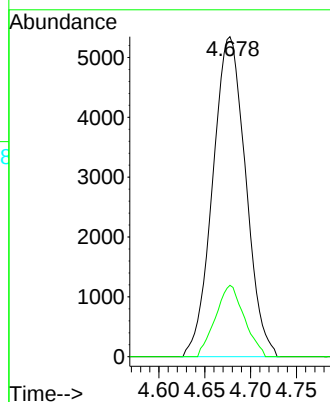
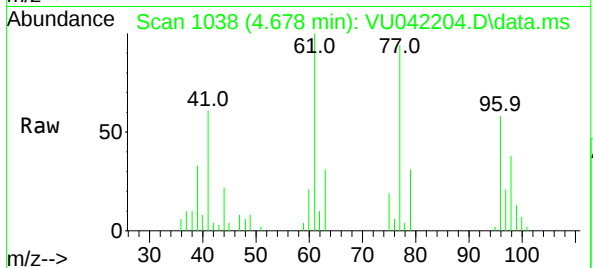
Acq: 28 Jan 2021 14:27

Tgt Ion: 77 Resp: 13367

Ion Ratio Lower Upper

77 100

97 19.5 16.9 25.3



#22

cis-1,2-Dichloroethene

Concen: 2.00 ug/l

RT: 4.678 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

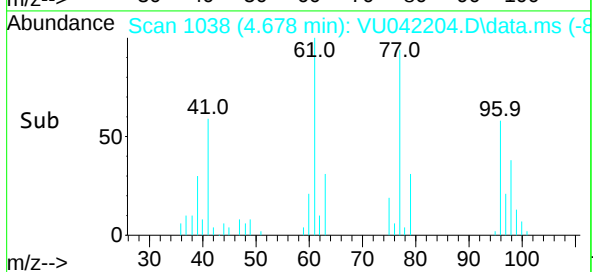
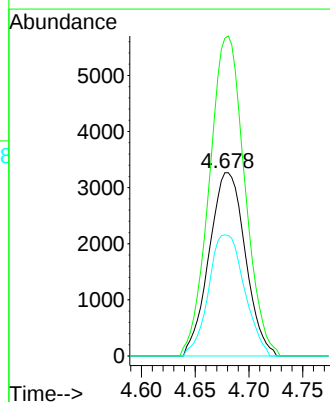
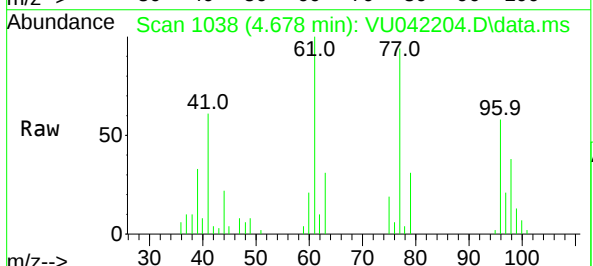
Tgt Ion: 96 Resp: 7643

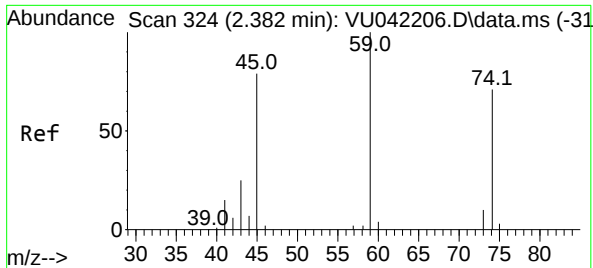
Ion Ratio Lower Upper

96 100

61 170.5 0.0 416.2

98 65.2 32.7 98.1

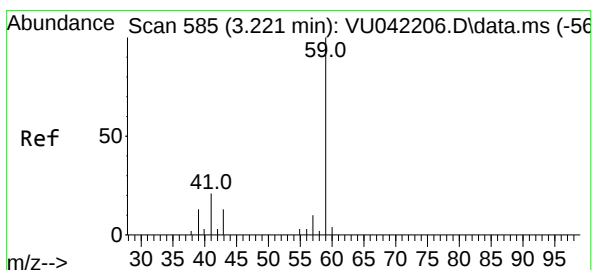
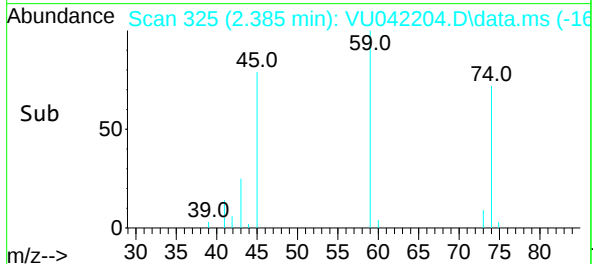
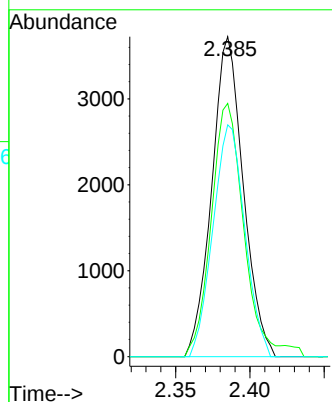
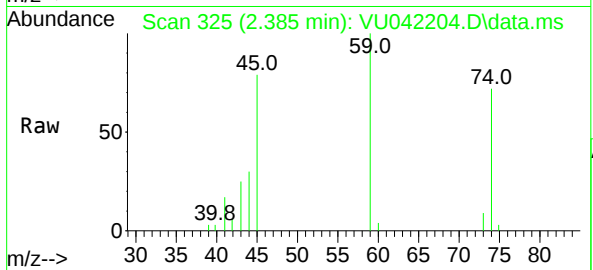




#23  
Diethyl Ether  
Concen: 2.06 ug/l  
RT: 2.385 min Scan# 325  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

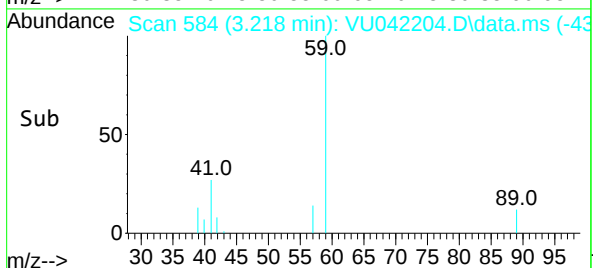
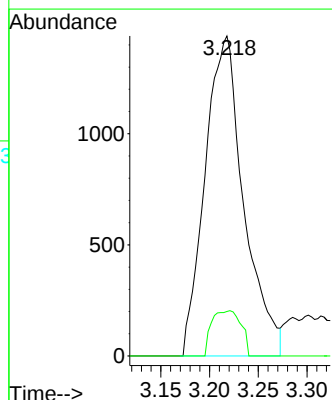
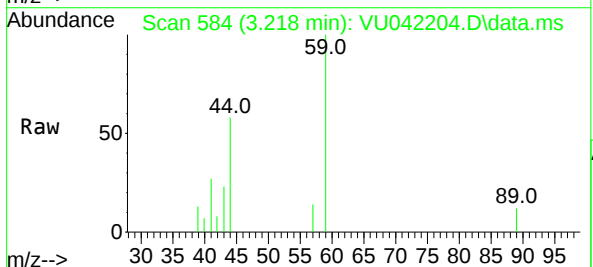
Instrument :  
MSVOA\_U  
ClientSampled :

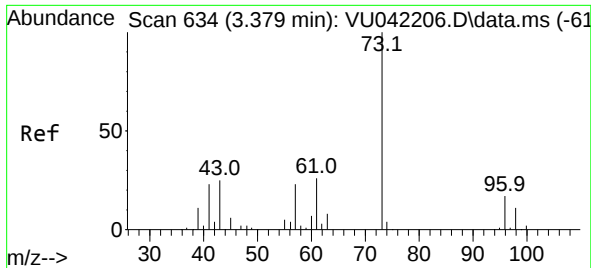
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 5495  |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 45       | 82.3  | 63.8  | 95.8  |
| 74       | 73.0  | 56.3  | 84.5  |



#24  
tert-Butyl Alcohol  
Concen: 18.56 ug/l  
RT: 3.218 min Scan# 584  
Delta R.T. -0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 3978  |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 57       | 10.7  | 8.4   | 12.6  |

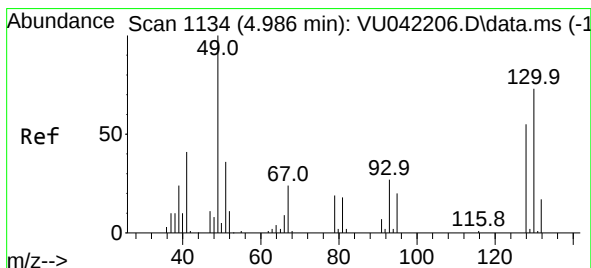
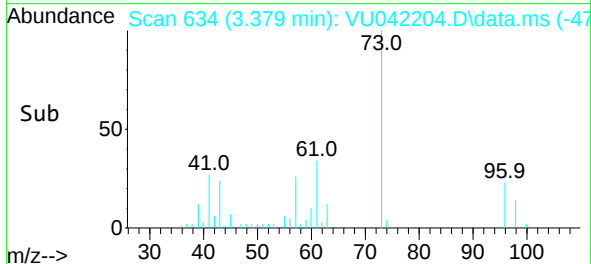
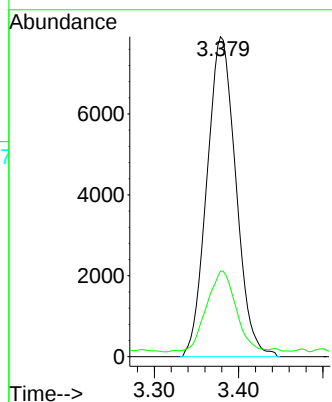
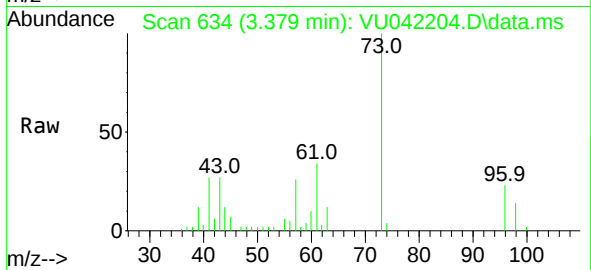




#25  
Methyl tert-Butyl Ether  
Concen: 2.00 ug/l  
RT: 3.379 min Scan# 634  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

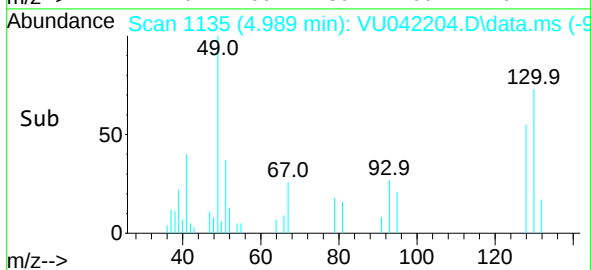
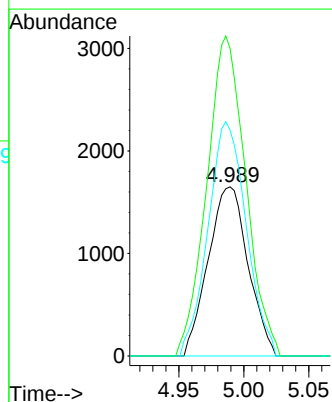
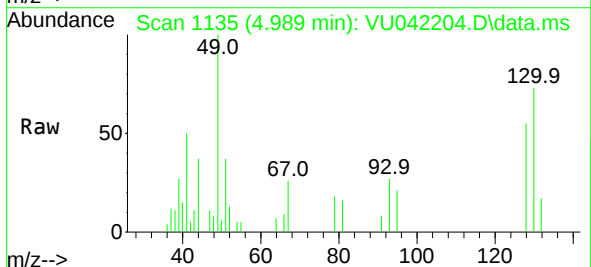
Instrument :  
MSVOA\_U  
ClientSampled :

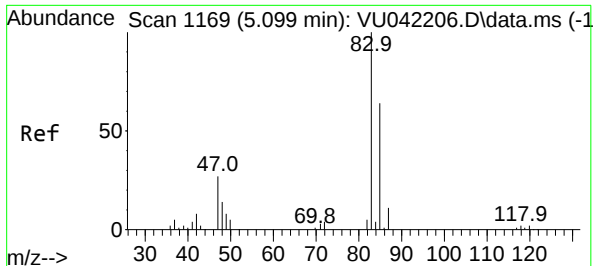
Tgt Ion: 73 Resp: 18893  
Ion Ratio Lower Upper  
73 100  
43 24.8 20.3 30.5



#26  
Bromochloromethane  
Concen: 2.01 ug/l  
RT: 4.989 min Scan# 1135  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 128 Resp: 3521  
Ion Ratio Lower Upper  
128 100  
49 184.7 0.0 360.6  
130 132.7 103.7 155.5



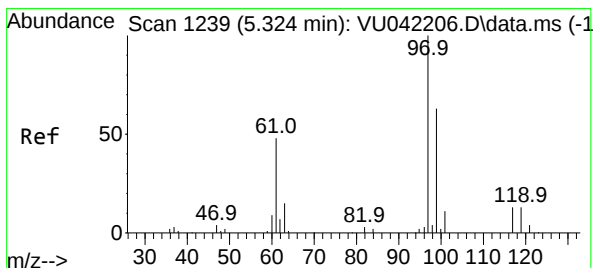
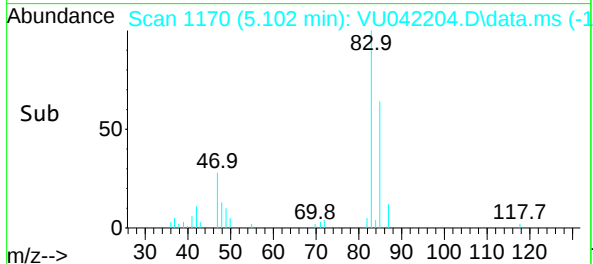
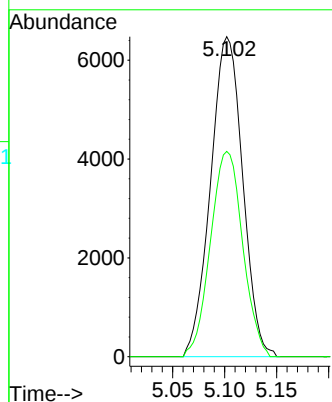
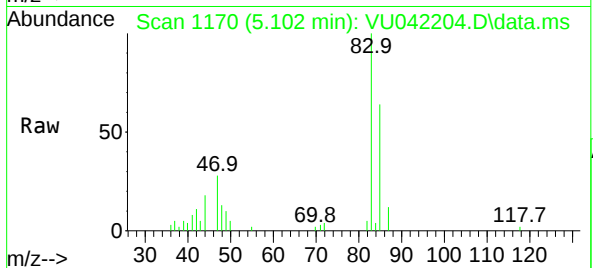


#27

Chloroform  
Concen: 2.05 ug/l  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Instrument :  
MSVOA\_U  
ClientSampled :

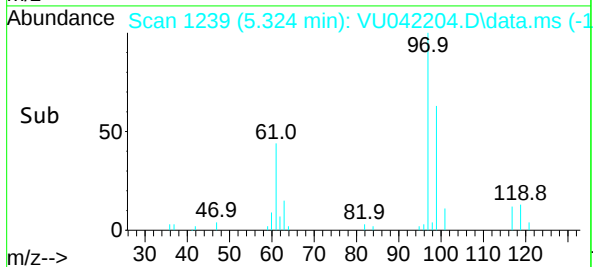
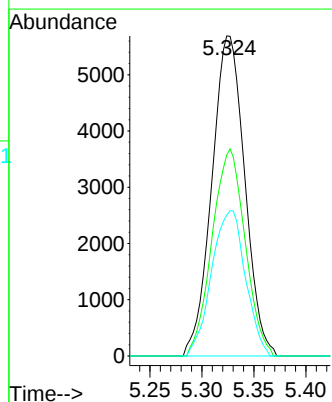
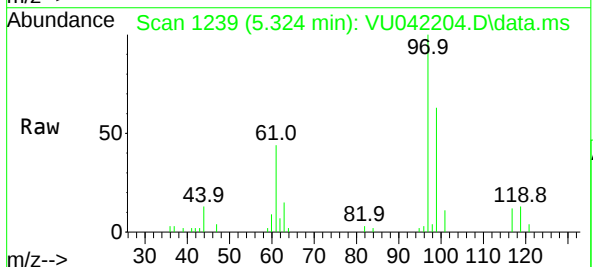
Tgt Ion: 83 Resp: 13923  
Ion Ratio Lower Upper  
83 100  
85 64.2 0.0 128.0

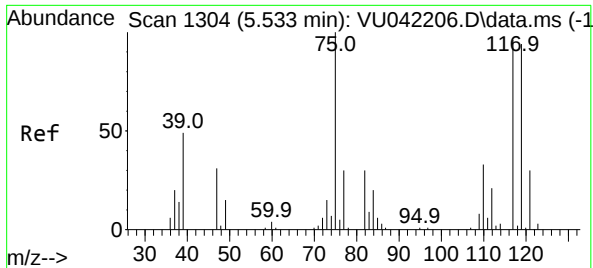


#28

1,1,1-Trichloroethane  
Concen: 1.96 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 97 Resp: 12530  
Ion Ratio Lower Upper  
97 100  
99 64.8 31.9 95.7  
61 46.6 23.3 69.8





#29

1,1-Dichloropropene

Concen: 2.16 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 75 Resp: 11997

Ion Ratio Lower Upper

75 100

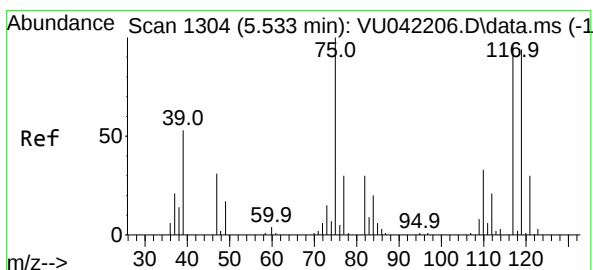
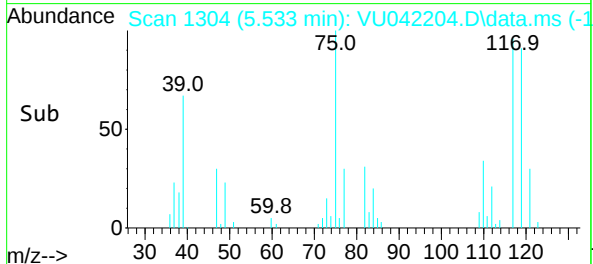
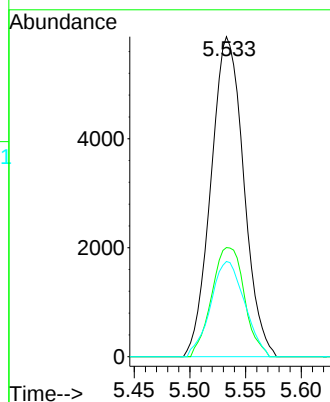
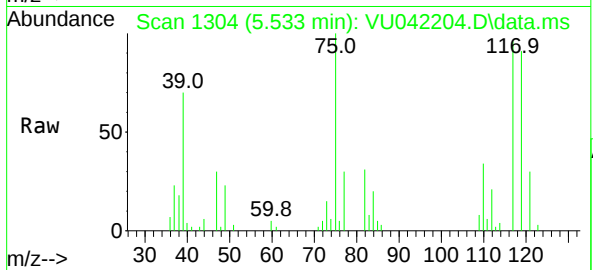
110 34.1 16.4 49.2

77 30.8 24.6 36.8

Instrument :

MSVOA\_U

ClientSampled :



#30

Carbon Tetrachloride

Concen: 2.09 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

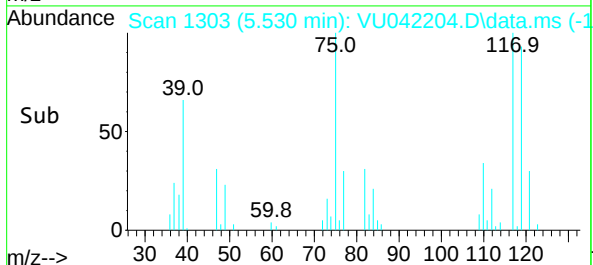
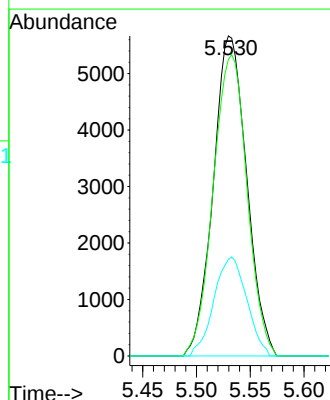
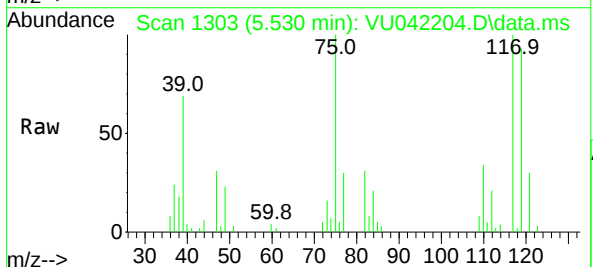
Tgt Ion: 117 Resp: 12250

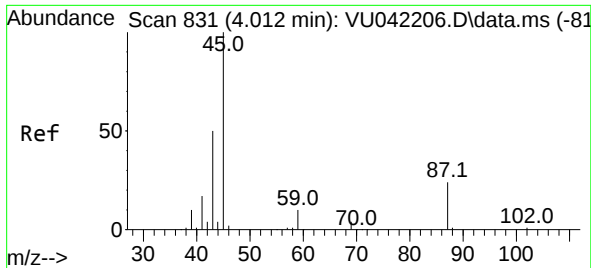
Ion Ratio Lower Upper

117 100

119 92.6 78.1 117.1

121 30.1 25.1 37.7

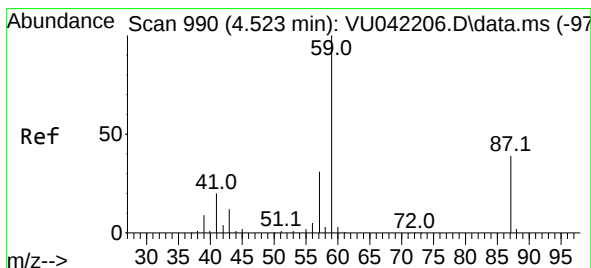
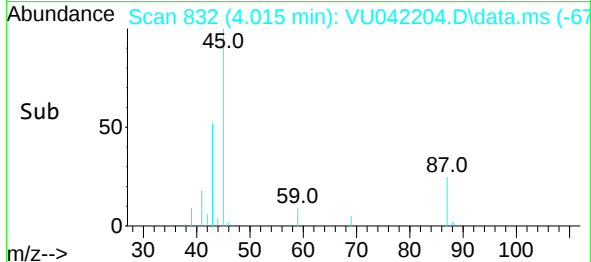
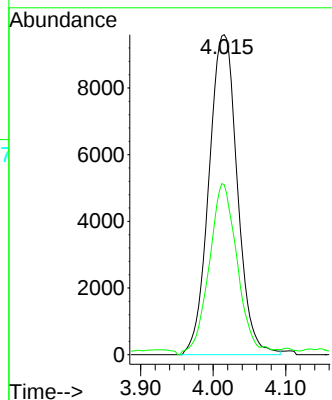
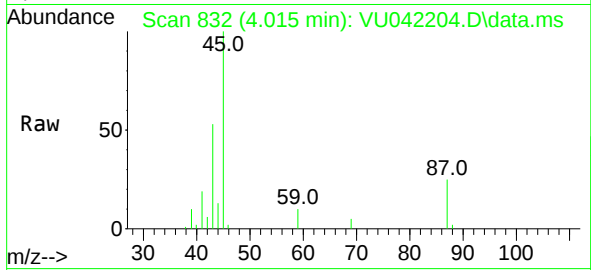




#31  
Isopropyl Ether  
Concen: 2.09 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

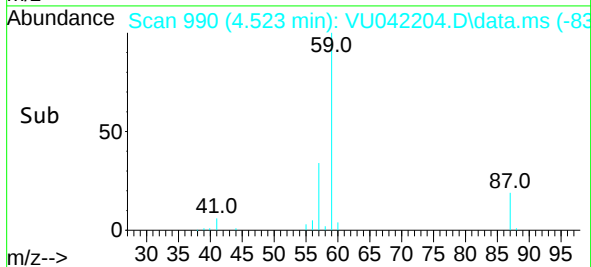
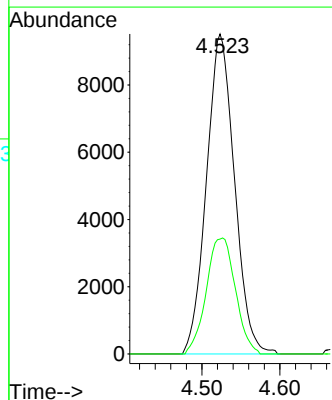
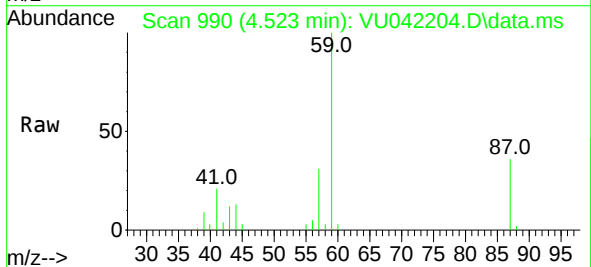
Instrument :  
MSVOA\_U  
ClientSampleId :

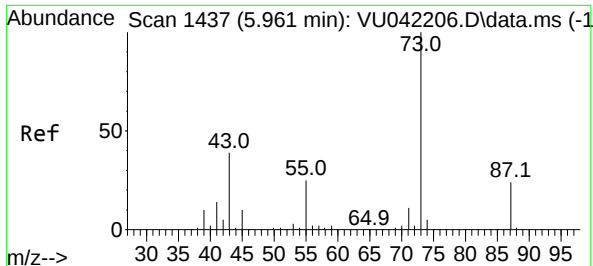
Tgt Ion: 45 Resp: 26123  
Ion Ratio Lower Upper  
45 100  
43 52.3 25.4 76.0



#32  
Ethyl-t-butyl ether  
Concen: 2.10 ug/l  
RT: 4.523 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 59 Resp: 23763  
Ion Ratio Lower Upper  
59 100  
87 37.6 31.0 46.4



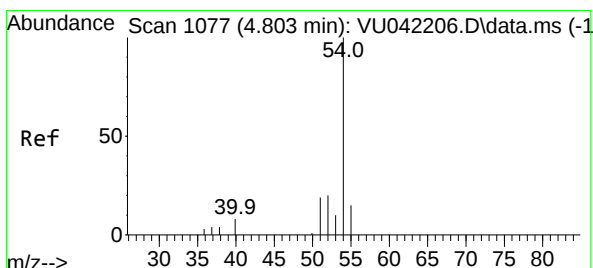
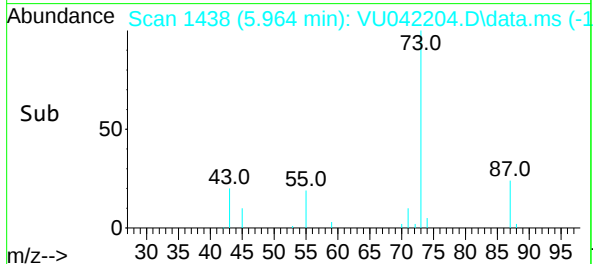
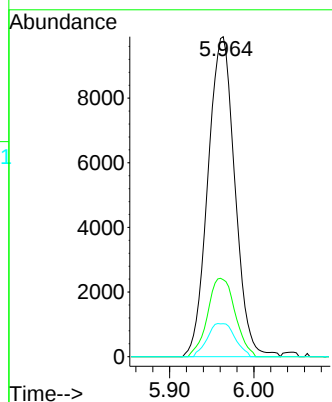
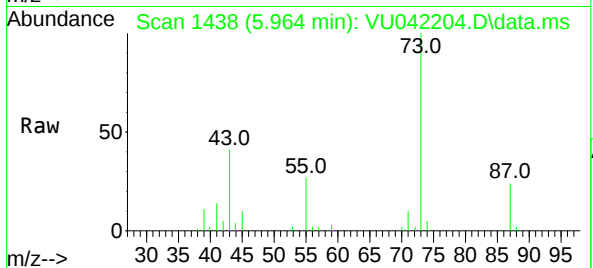


#33

Tert-Amyl methyl ether  
Concen: 2.10 ug/l  
RT: 5.964 min Scan# 1438  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Instrument :  
MSVOA\_U  
ClientSampled :

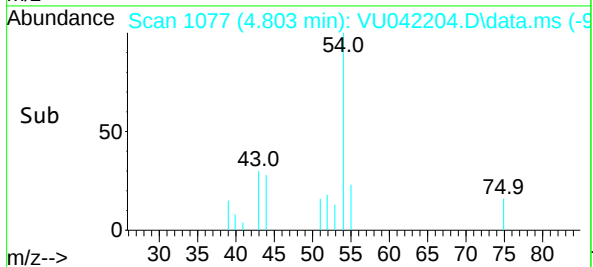
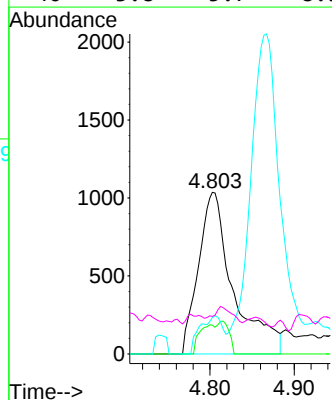
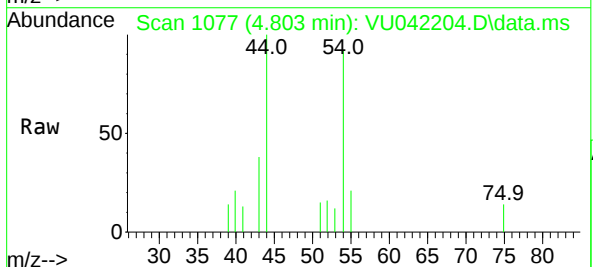
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 21963 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 25.0     | 19.4 29.2   |
| 71 10.6     | 9.0 13.6    |

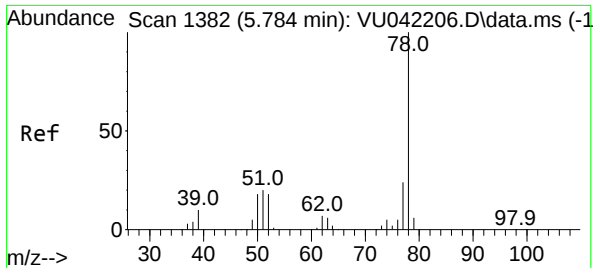


#34

Propionitrile  
Concen: 11.54 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 2982  |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 8.3      | 14.8 22.2#  |
| 55 15.5     | 7.4 11.2#   |
| 40 3.8      | 5.7 8.5#    |

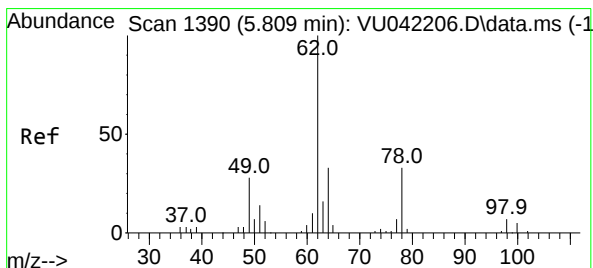
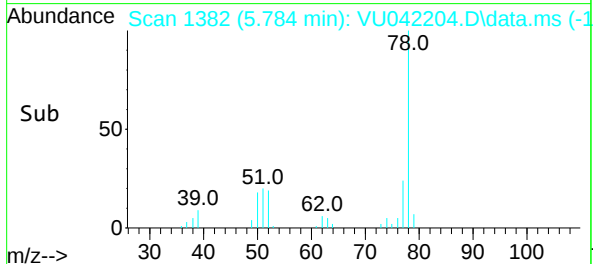
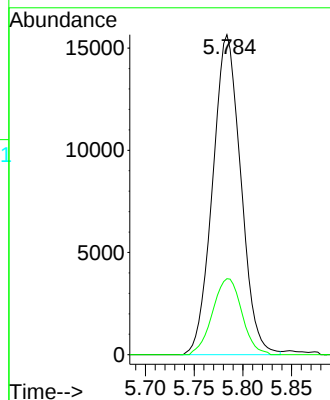
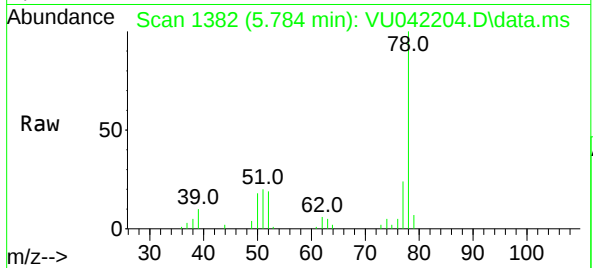




#35  
Benzene  
Concen: 2.06 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

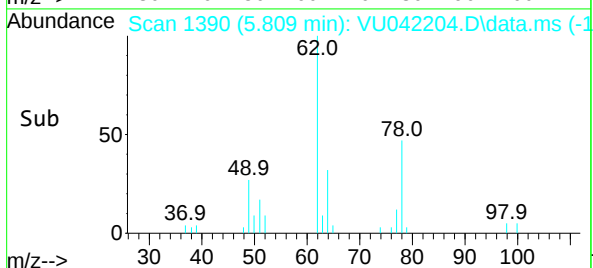
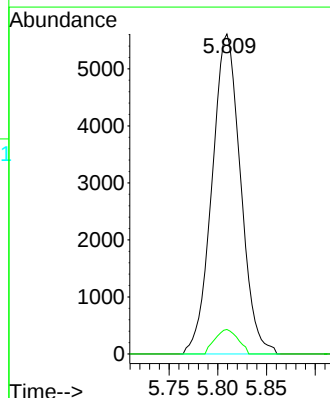
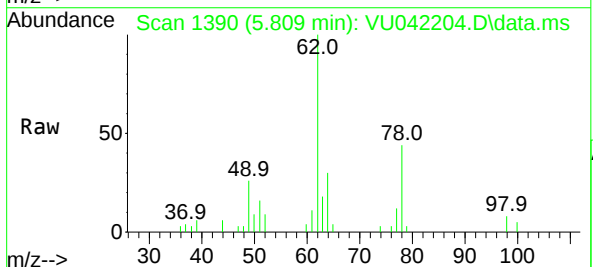
Instrument :  
MSVOA\_U  
ClientSampleId :

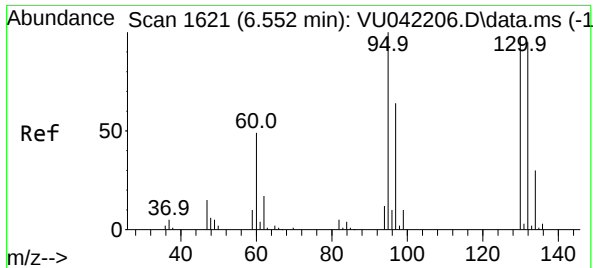
Tgt Ion: 78 Resp: 31510  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.4 29.2



#36  
1,2-Dichloroethane  
Concen: 2.11 ug/l  
RT: 5.809 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 62 Resp: 11441  
Ion Ratio Lower Upper  
62 100  
98 6.2 5.8 8.8





#37

Trichloroethene

Concen: 2.12 ug/l

RT: 6.552 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VU042204.D

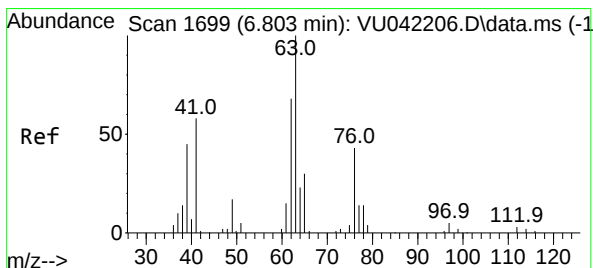
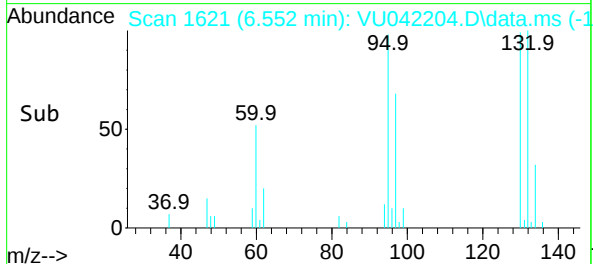
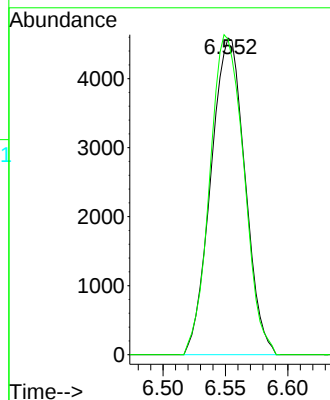
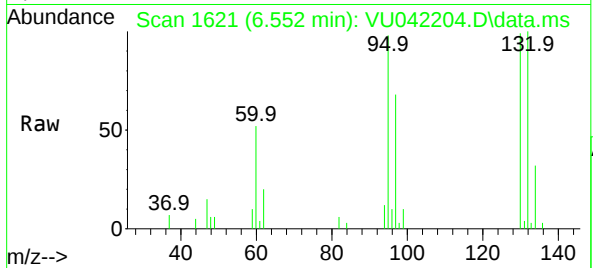
Acq: 28 Jan 2021 14:27

Tgt Ion:130 Resp: 8746

Ion Ratio Lower Upper

130 100

95 99.6 81.4 122.0



#38

1,2-Dichloropropane

Concen: 2.03 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU042204.D

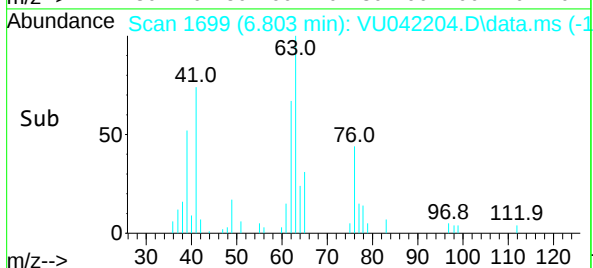
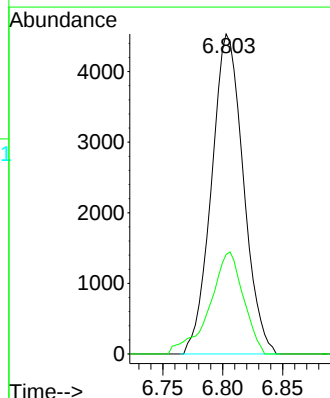
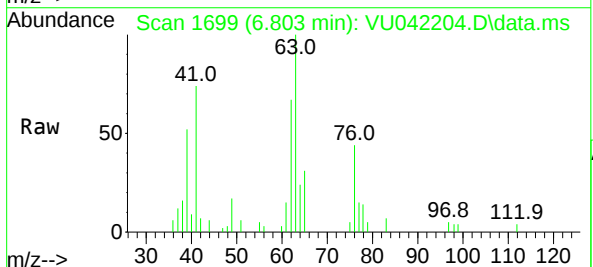
Acq: 28 Jan 2021 14:27

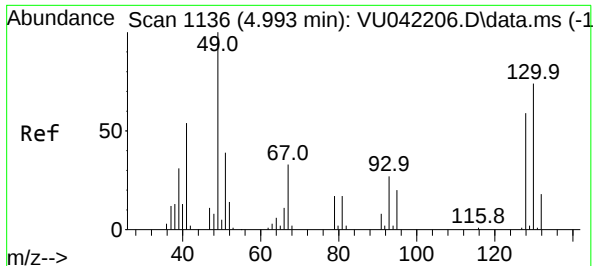
Tgt Ion: 63 Resp: 8358

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6





#39

Methacrylonitrile

Concen: 2.62 ug/l

RT: 4.996 min Scan# 1137

Delta R.T. 0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 41 Resp: 4192

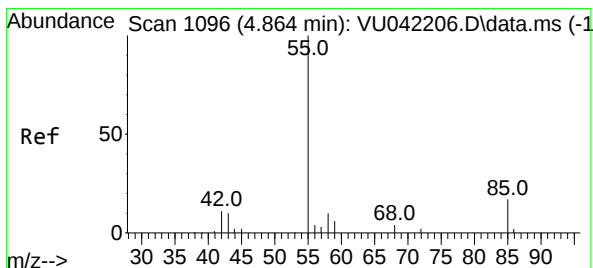
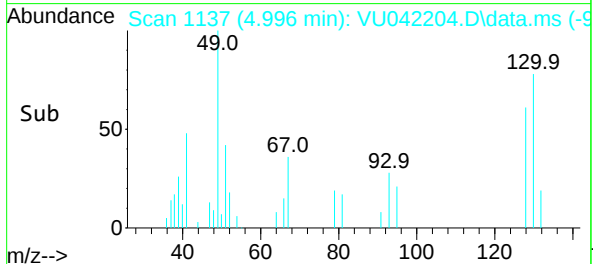
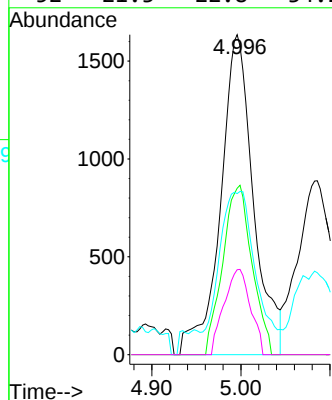
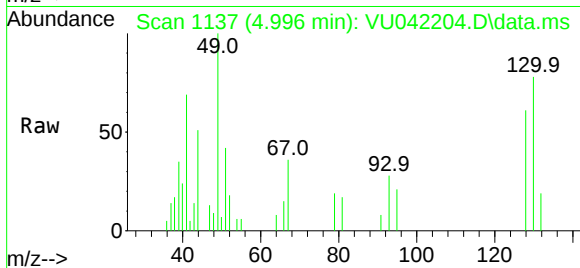
Ion Ratio Lower Upper

41 100

67 47.0 50.4 75.6#

39 51.0 44.4 66.6

52 21.3 22.8 34.2#



#40

Methyl acrylate

Concen: 2.10 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 55 Resp: 4529

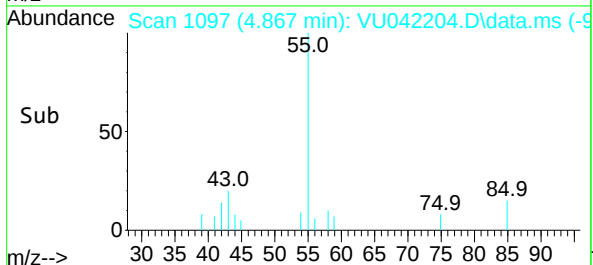
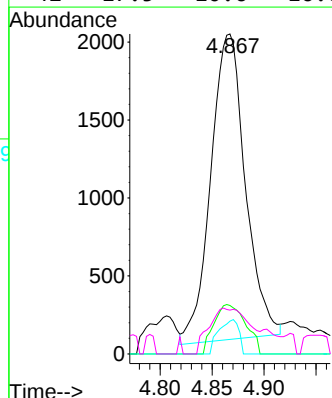
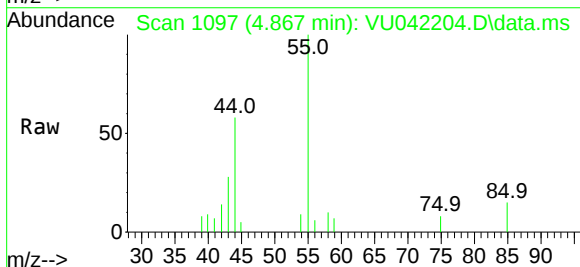
Ion Ratio Lower Upper

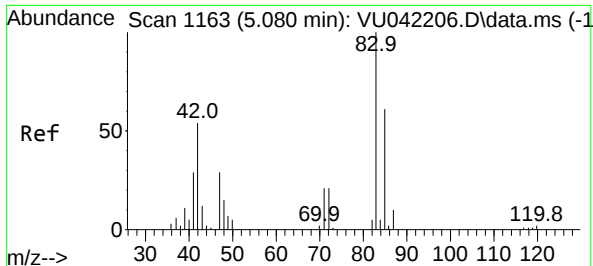
55 100

85 14.9 12.5 18.7

58 6.5 7.2 10.8#

42 17.5 10.6 16.0#





#41

Tetrahydrofuran

Concen: 4.23 ug/l

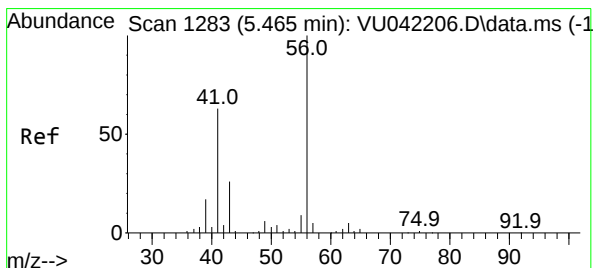
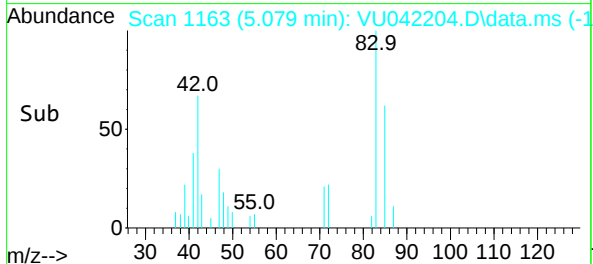
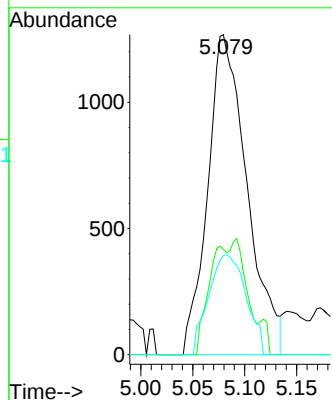
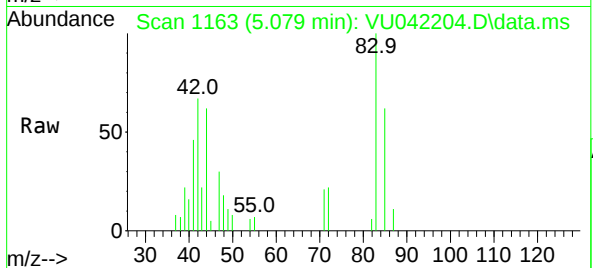
RT: 5.079 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 3337  |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 16.5  | 33.1  | 49.7# |
| 71        | 29.7  | 29.8  | 44.6# |



#42

1-Chlorobutane

Concen: 2.08 ug/l

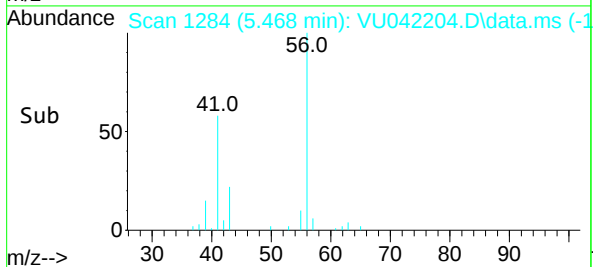
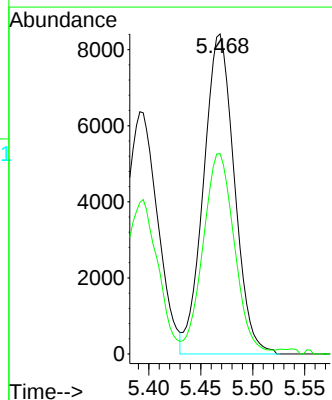
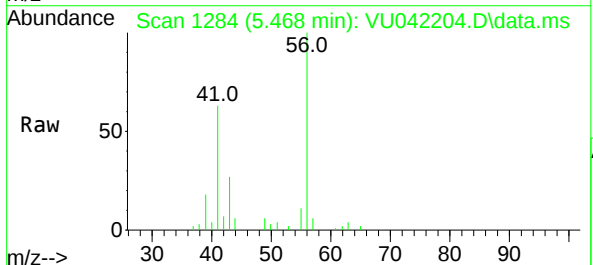
RT: 5.468 min Scan# 1284

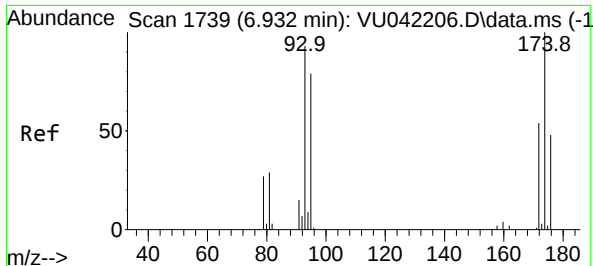
Delta R.T. 0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

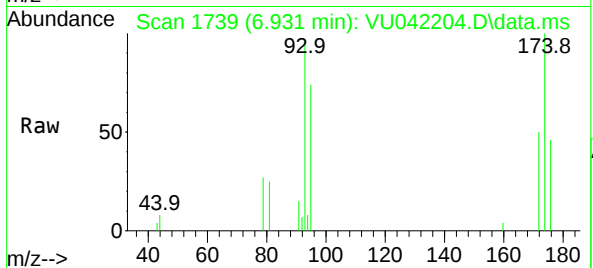
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 17337 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 41        | 60.7  | 30.3  | 91.0  |





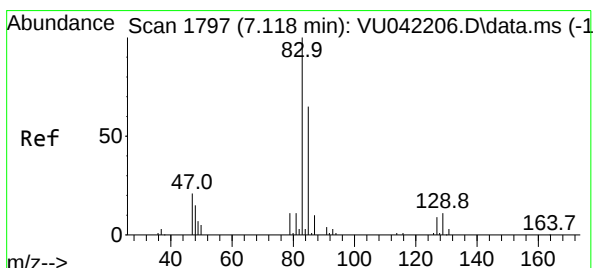
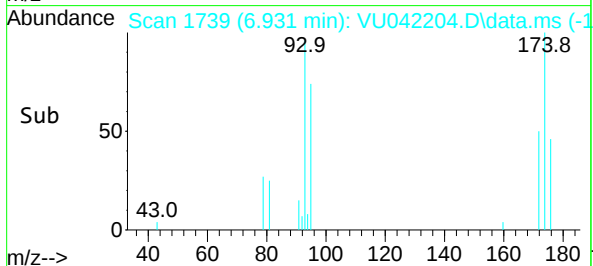
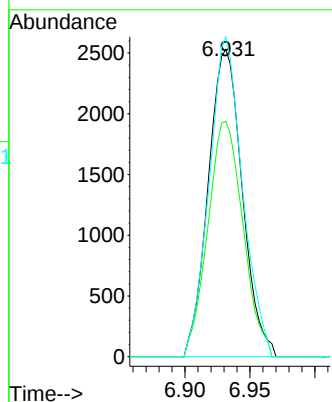
#43  
Dibromomethane  
Concen: 2.10 ug/l  
RT: 6.931 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Instrument :  
MSVOA\_U  
ClientSampleId :

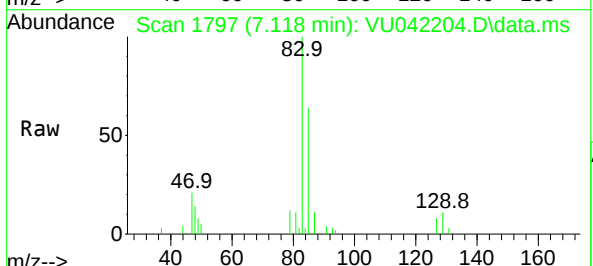


Tgt Ion: 93 Resp: 4610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 78.9  | 66.7  | 100.1 |
| 174 | 101.6 | 84.2  | 126.4 |

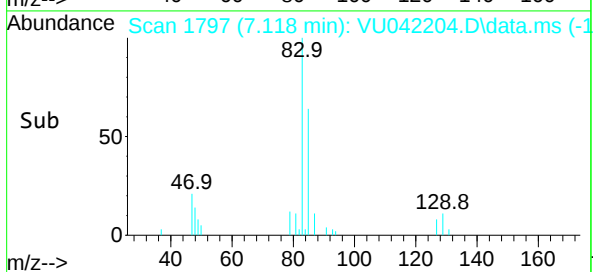
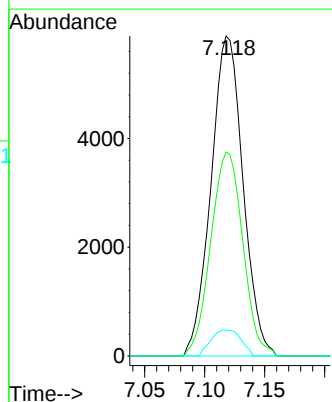


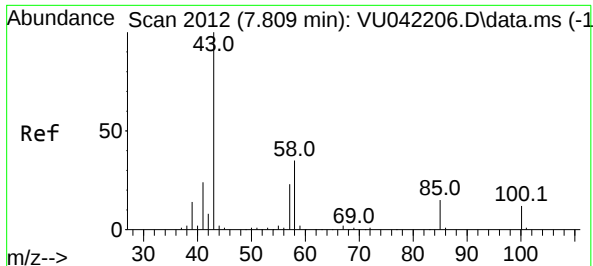
#44  
Bromodichloromethane  
Concen: 1.98 ug/l  
RT: 7.118 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27



Tgt Ion: 83 Resp: 10925

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.7  | 51.7  | 77.5  |
| 127 | 8.1   | 7.2   | 10.8  |

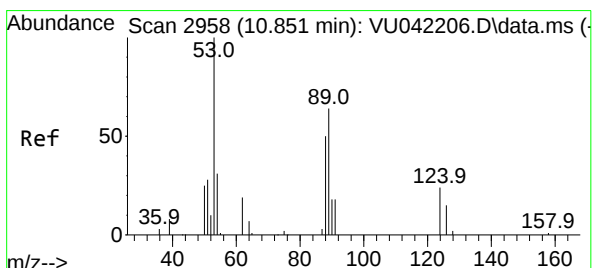
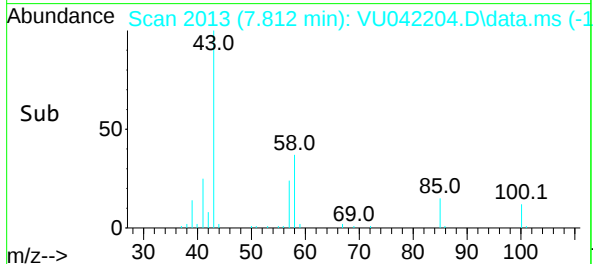
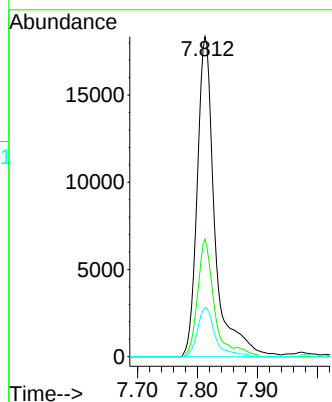
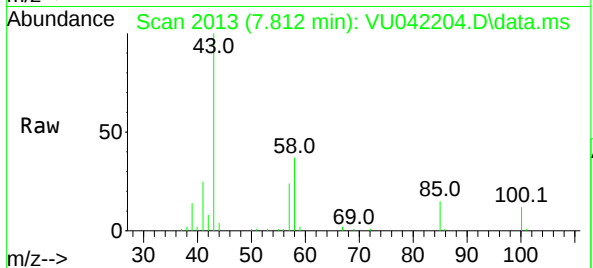




#45  
4-Methyl-2-Pentanone  
Concen: 10.99 ug/l  
RT: 7.812 min Scan# 2013  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

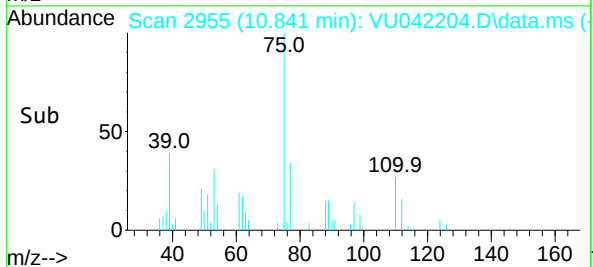
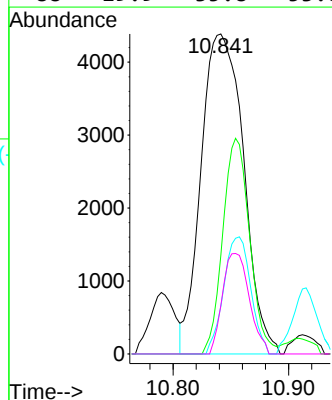
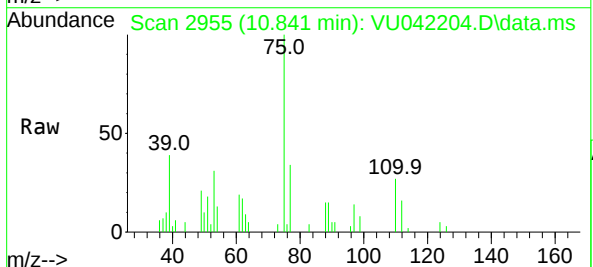
Instrument :  
MSVOA\_U  
ClientSampled :

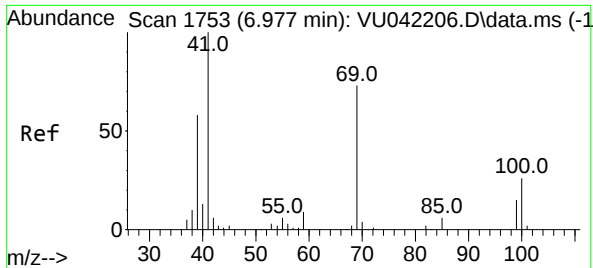
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 37650 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 33.2  | 17.5  | 52.5  |
| 85        | 15.5  | 12.1  | 18.1  |



#46  
t-1,4-Dichloro-2-butene  
Concen: 9.23 ug/l  
RT: 10.841 min Scan# 2955  
Delta R.T. -0.010 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 11183  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 42.8  | 75.9  | 113.9# |
| 89        | 23.3  | 45.1  | 67.7#  |
| 88        | 19.9  | 35.8  | 53.8#  |

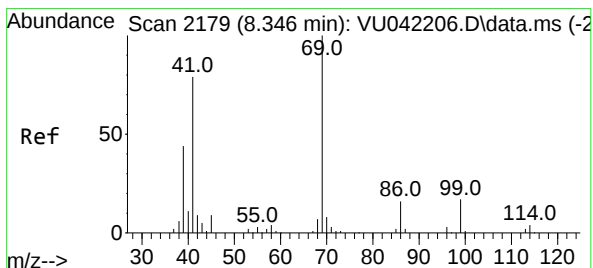
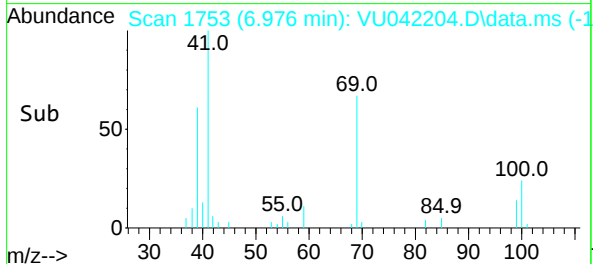
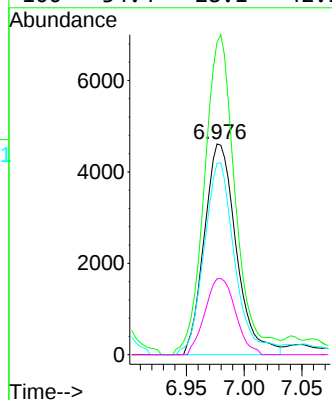
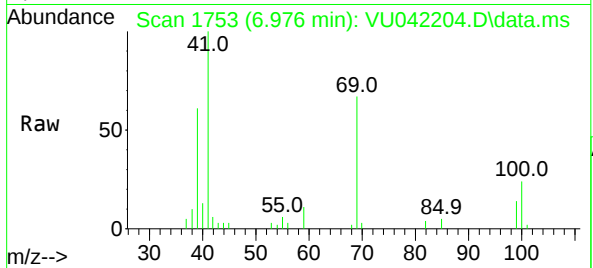




#47  
Methyl methacrylate  
Concen: 3.94 ug/l  
RT: 6.976 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

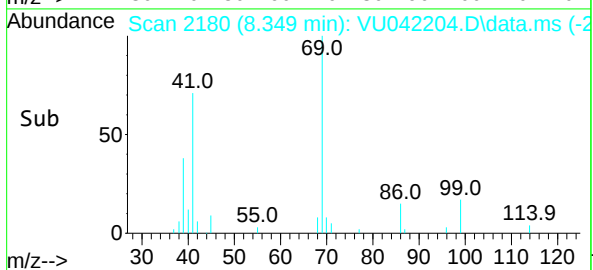
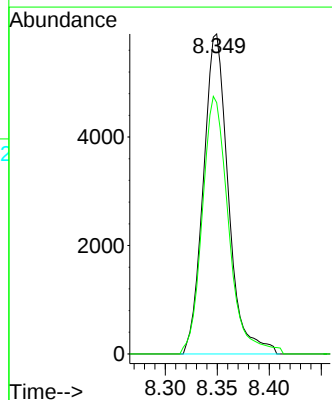
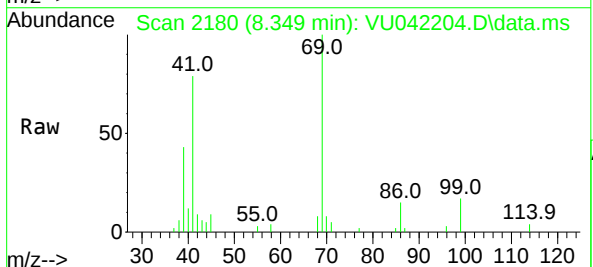
Instrument :  
MSVOA\_U  
ClientSampleId :

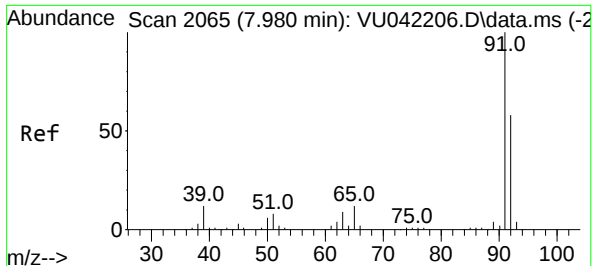
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 8868  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 146.7 | 0.0   | 277.0 |
| 39       | 88.1  | 67.1  | 100.7 |
| 100      | 34.4  | 28.1  | 42.1  |



#48  
Ethyl methacrylate  
Concen: 2.14 ug/l  
RT: 8.349 min Scan# 2180  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 9844  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 84.6  | 40.1  | 120.2 |





#49

Toluene

Concen: 2.01 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VU042204.D

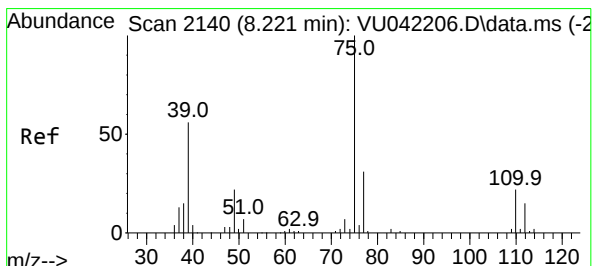
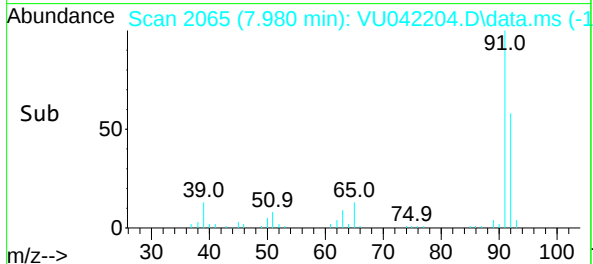
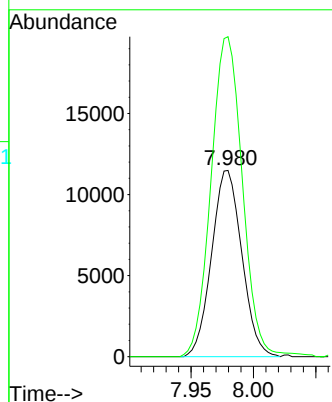
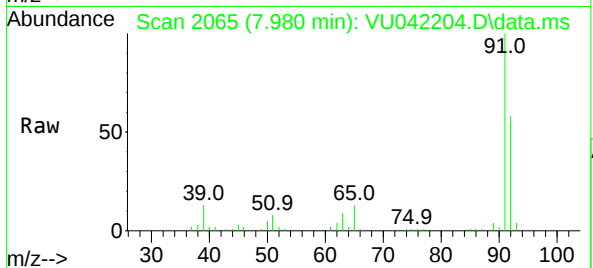
Acq: 28 Jan 2021 14:27

Tgt Ion: 92 Resp: 19393

Ion Ratio Lower Upper

92 100

91 178.5 139.6 209.4



#50

t-1,3-Dichloropropene

Concen: 2.04 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU042204.D

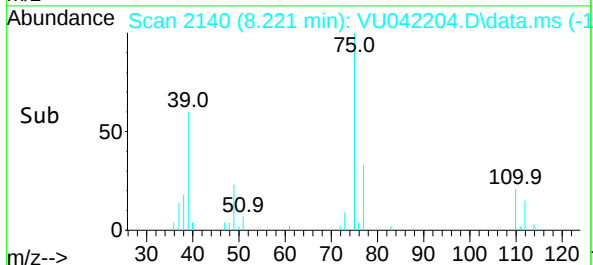
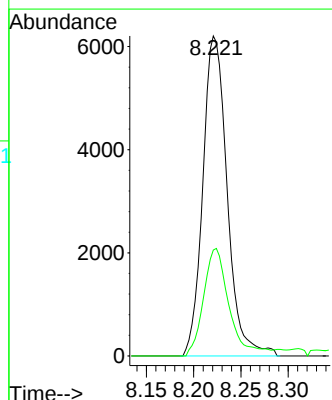
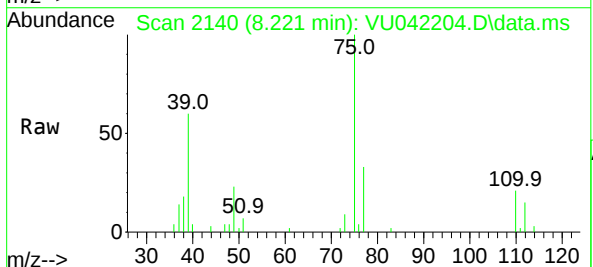
Acq: 28 Jan 2021 14:27

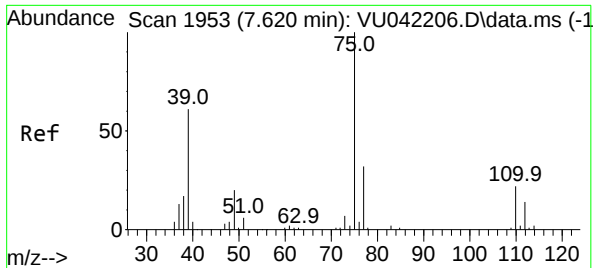
Tgt Ion: 75 Resp: 11129

Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3

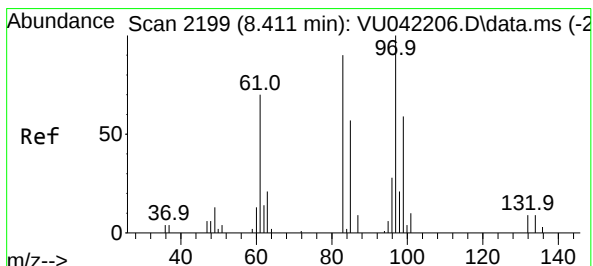
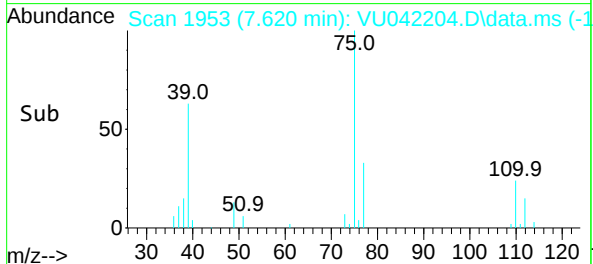
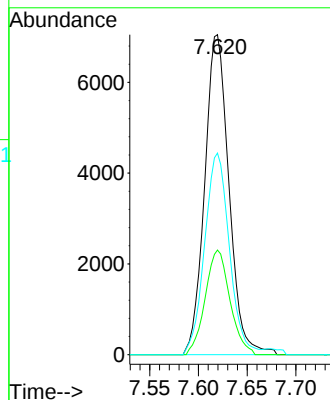
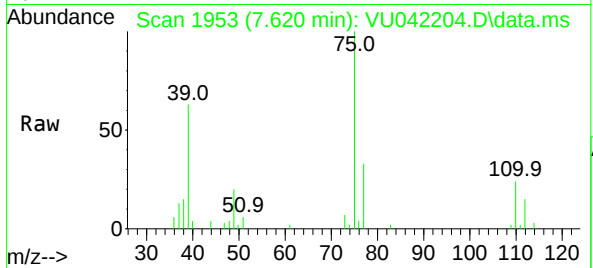




#51  
 cis-1,3-Dichloropropene  
 Concen: 1.98 ug/l  
 RT: 7.620 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

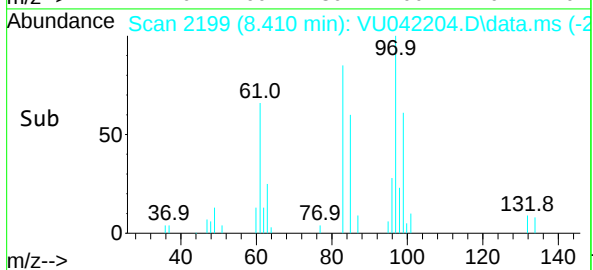
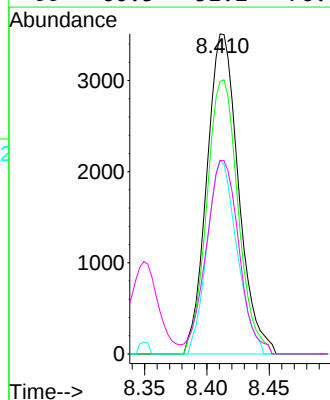
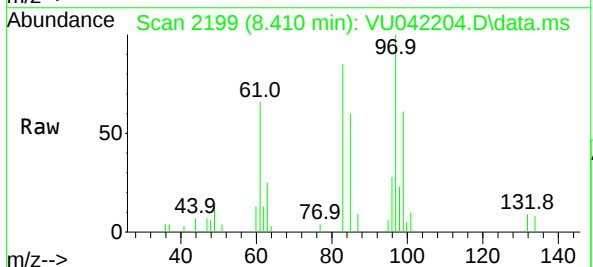
Instrument :  
 MSVOA\_U  
 ClientSampled :

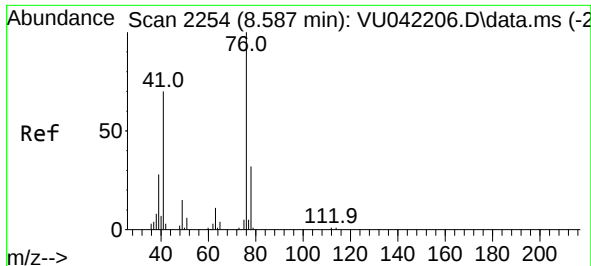
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12234 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.7  | 25.6  | 38.4  |
| 39       | 63.0  | 48.6  | 72.8  |



#52  
 1,1,2-Trichloroethane  
 Concen: 2.09 ug/l  
 RT: 8.410 min Scan# 2199  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 6215  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.2  | 71.9  | 107.9 |
| 85       | 60.5  | 46.2  | 69.4  |
| 99       | 60.5  | 51.2  | 76.8  |





#53

1,3-Dichloropropane

Concen: 2.11 ug/l

RT: 8.587 min Scan# 2254

Delta R.T. -0.000 min

Lab File: VU042204.D

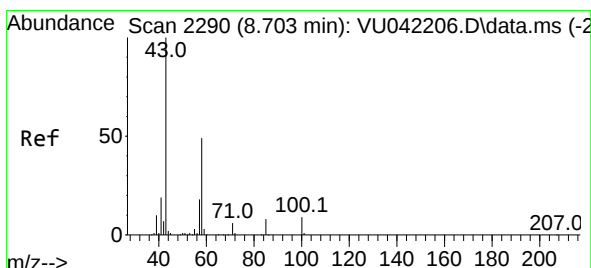
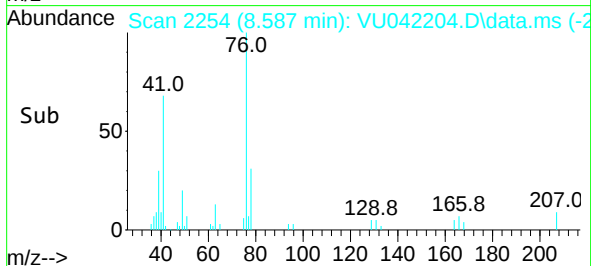
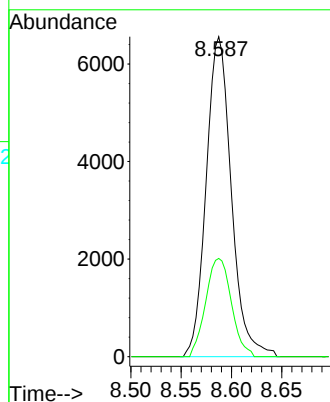
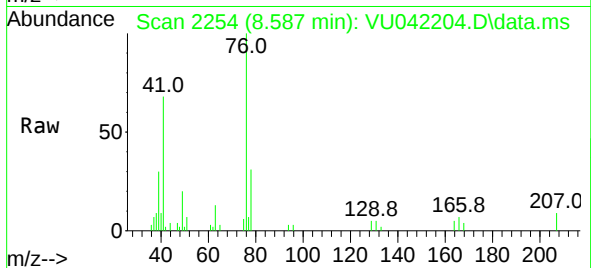
Acq: 28 Jan 2021 14:27

Tgt Ion: 76 Resp: 11402

Ion Ratio Lower Upper

76 100

78 31.3 25.4 38.2



#54

2-Hexanone

Concen: 11.58 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

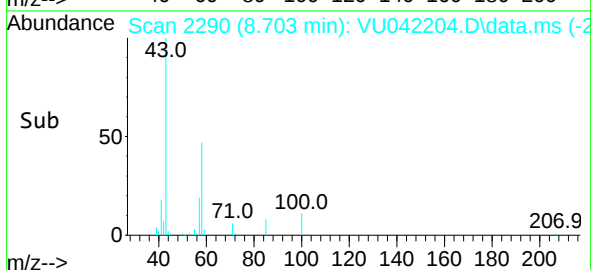
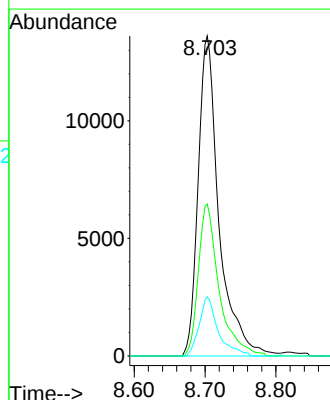
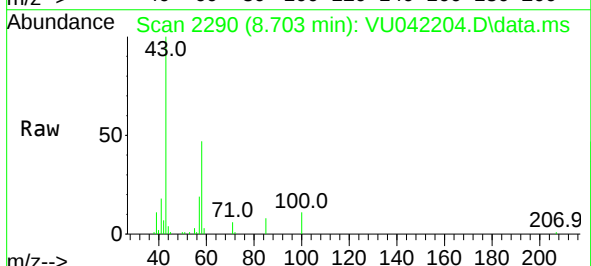
Tgt Ion: 43 Resp: 27744

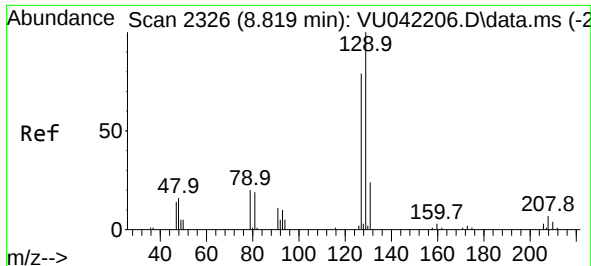
Ion Ratio Lower Upper

43 100

58 47.2 28.7 68.7

57 16.8 0.0 37.9

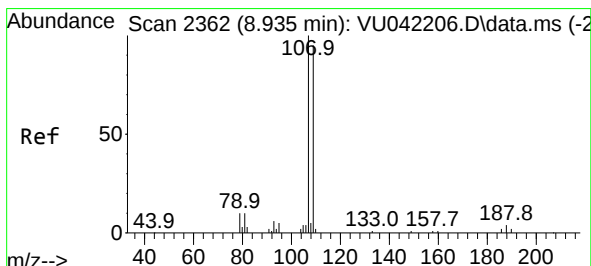
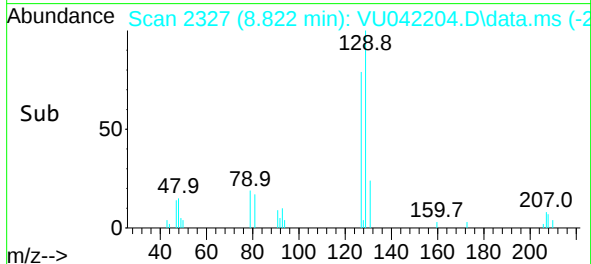
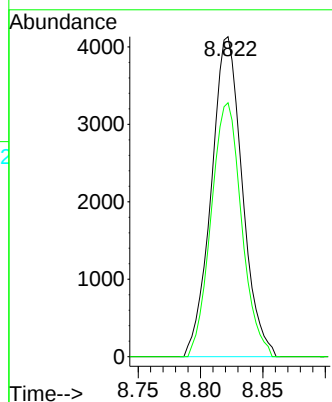
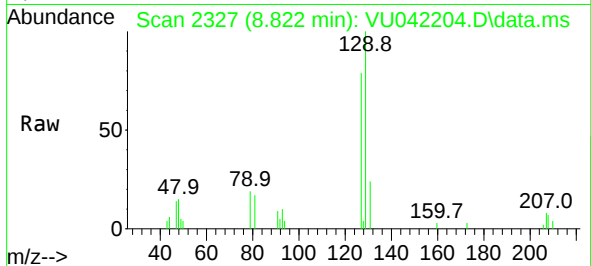




#55  
Dibromochloromethane  
Concen: 1.92 ug/l  
RT: 8.822 min Scan# 2327  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

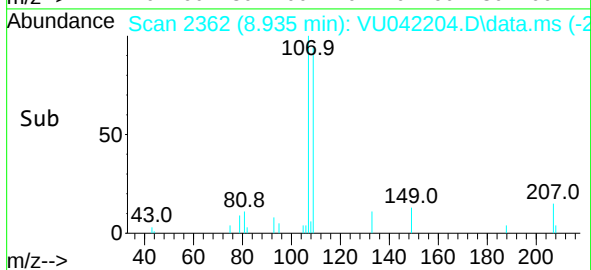
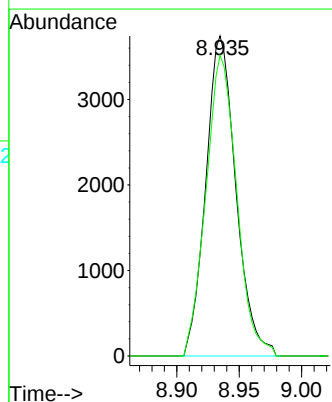
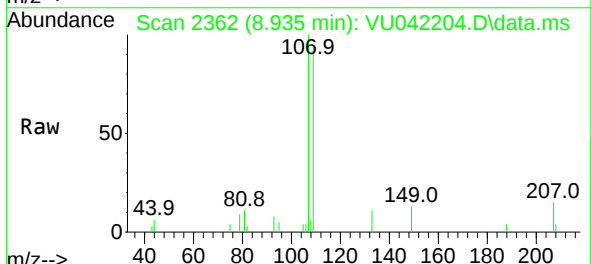
Instrument :  
MSVOA\_U  
ClientSampled :

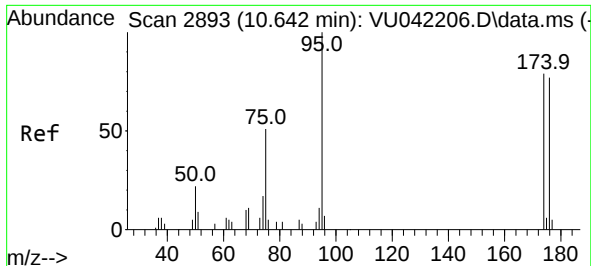
Tgt Ion:129 Resp: 7168  
Ion Ratio Lower Upper  
129 100  
127 77.9 62.7 94.1



#56  
1,2-Dibromoethane  
Concen: 2.07 ug/l  
RT: 8.935 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:107 Resp: 6292  
Ion Ratio Lower Upper  
107 100  
109 95.9 0.0 187.2

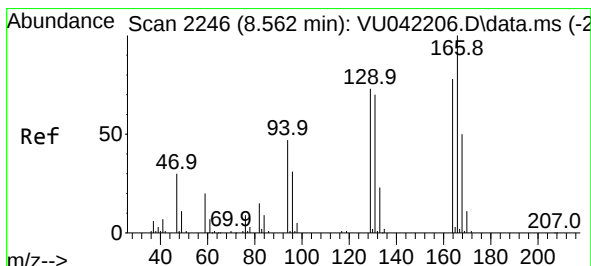
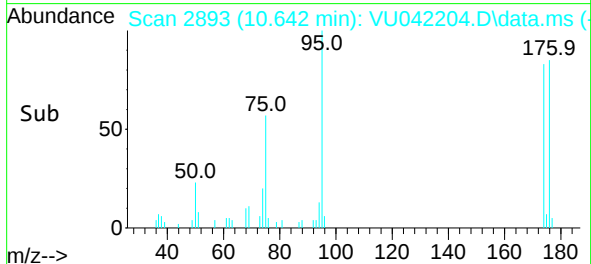
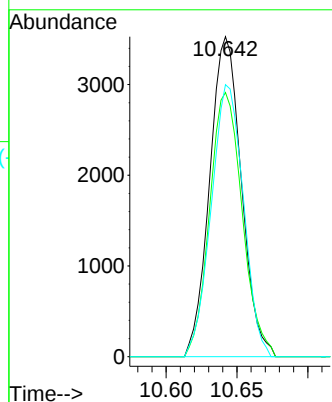
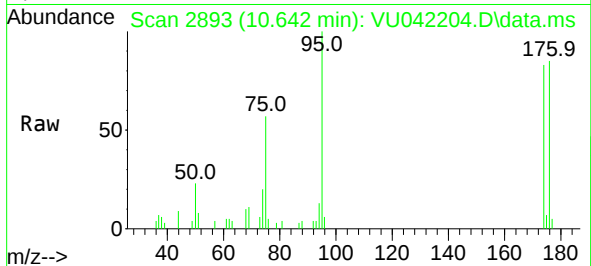




#57  
4-Bromofluorobenzene  
Concen: 1.00 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

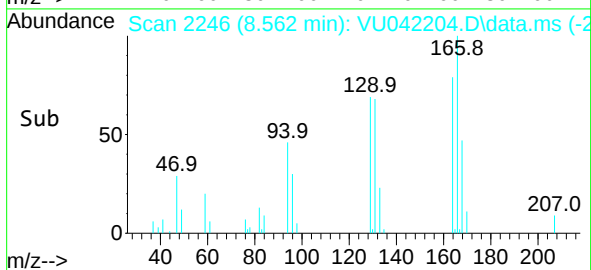
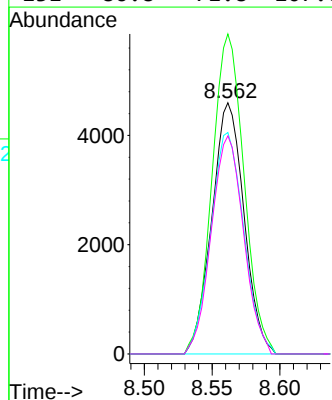
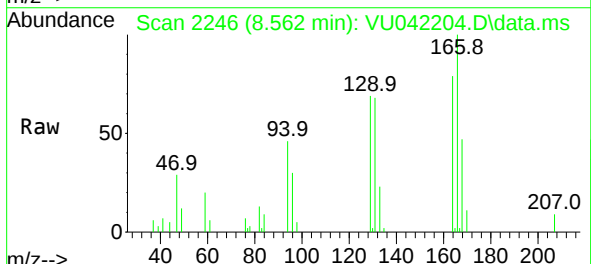
Instrument :  
MSVOA\_U  
ClientSampleId :

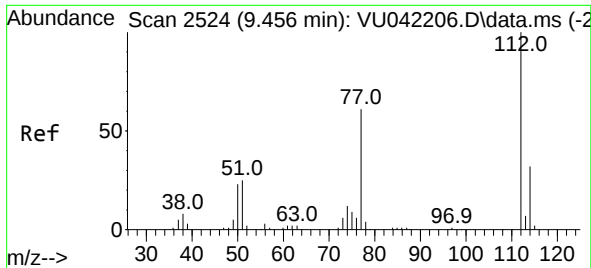
Tgt Ion: 95 Resp: 5486  
Ion Ratio Lower Upper  
95 100  
174 85.1 69.6 104.4  
176 86.2 65.5 98.3



#58  
Tetrachloroethene  
Concen: 1.91 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 164 Resp: 7584  
Ion Ratio Lower Upper  
164 100  
166 127.4 102.2 153.2  
129 88.1 74.4 111.6  
131 86.8 71.8 107.6





#59

Chlorobenzene

Concen: 2.07 ug/l

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042204.D

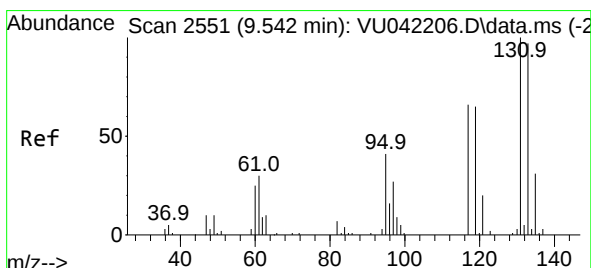
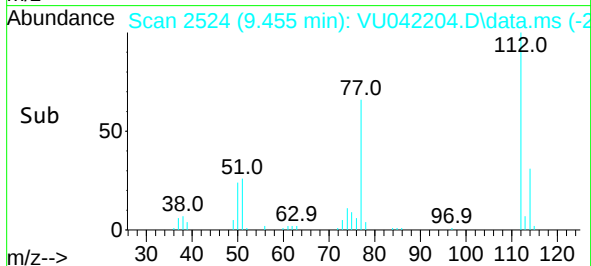
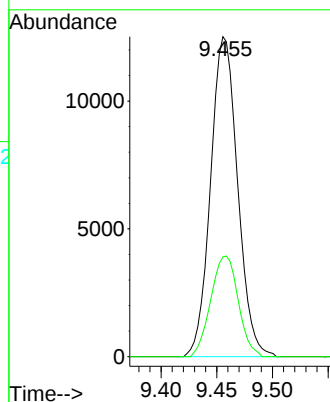
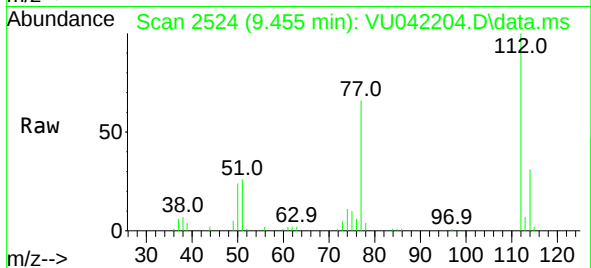
Acq: 28 Jan 2021 14:27

Tgt Ion:112 Resp: 21148

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 2.00 ug/l

RT: 9.545 min Scan# 2552

Delta R.T. 0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

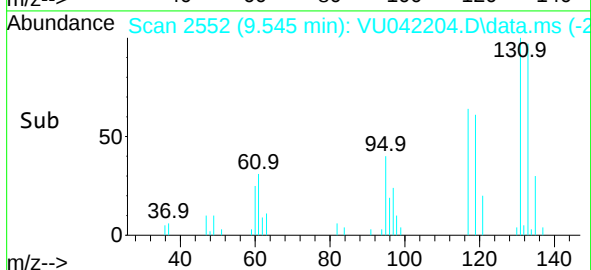
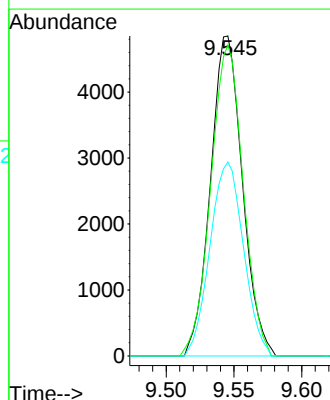
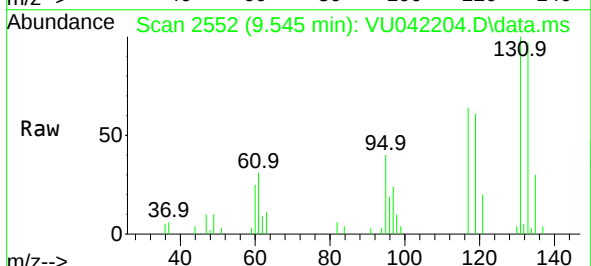
Tgt Ion:131 Resp: 7955

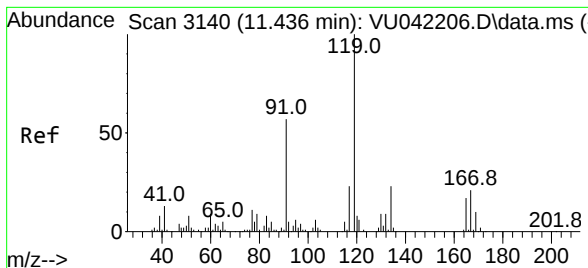
Ion Ratio Lower Upper

131 100

133 98.2 76.7 115.1

119 63.4 51.4 77.0

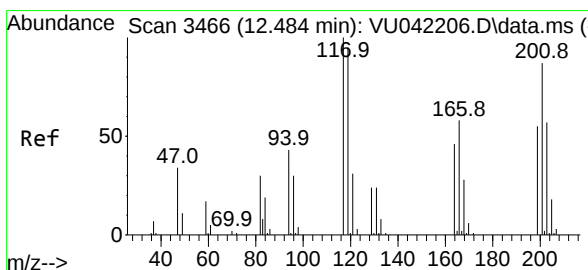
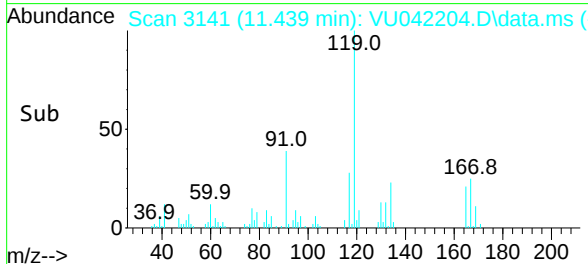
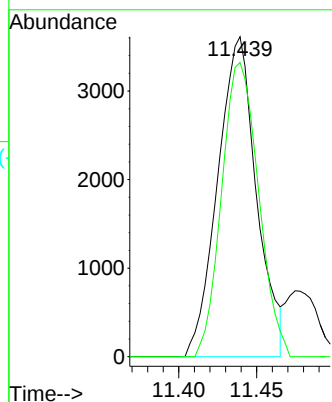
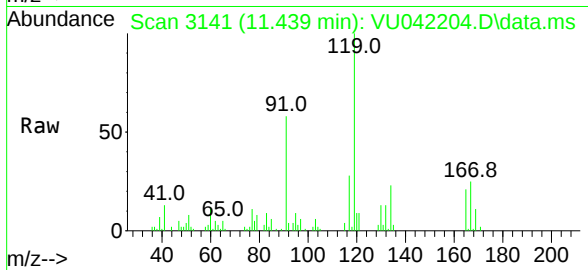




#61  
 Pentachloroethane  
 Concen: 2.23 ug/l  
 RT: 11.439 min Scan# 3141  
 Delta R.T. 0.003 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

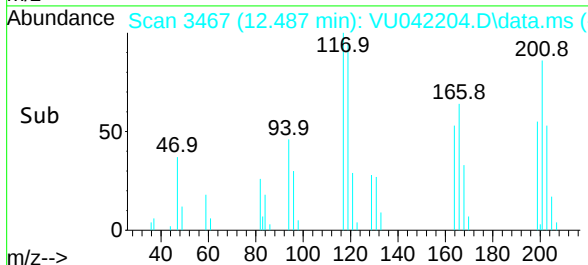
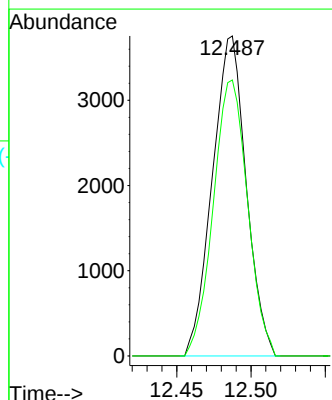
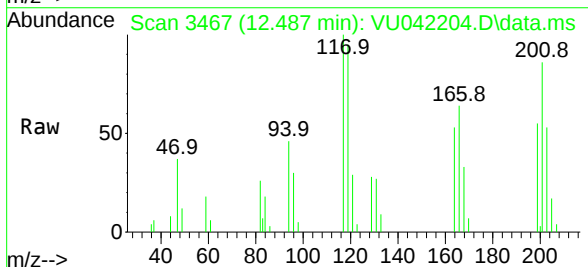
Instrument :  
 MSVOA\_U  
 ClientSampleId :

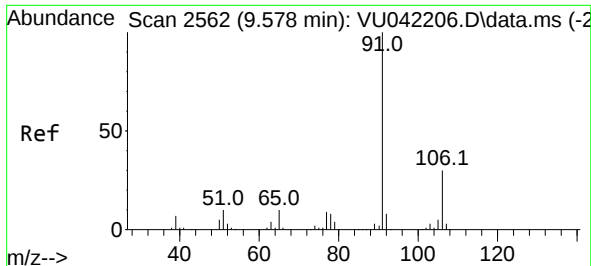
Tgt Ion:117 Resp: 6255  
 Ion Ratio Lower Upper  
 117 100  
 167 87.3 70.6 105.8



#62  
 Hexachloroethane  
 Concen: 1.97 ug/l  
 RT: 12.487 min Scan# 3467  
 Delta R.T. 0.003 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

Tgt Ion:117 Resp: 5945  
 Ion Ratio Lower Upper  
 117 100  
 201 87.2 70.9 106.3

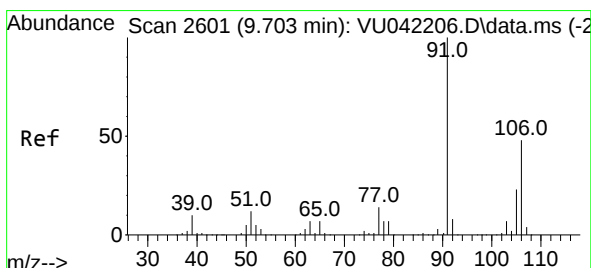
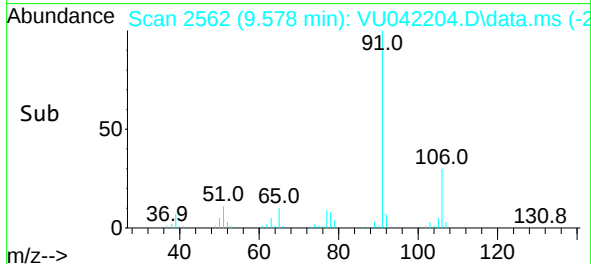
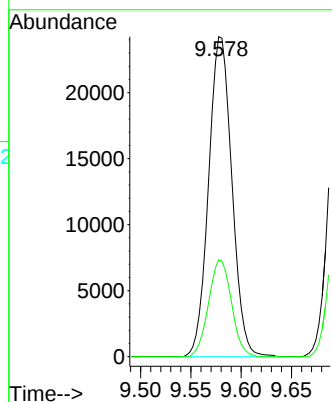
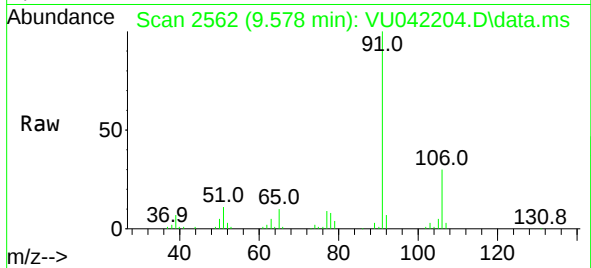




#63  
Ethyl Benzene  
Concen: 2.11 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

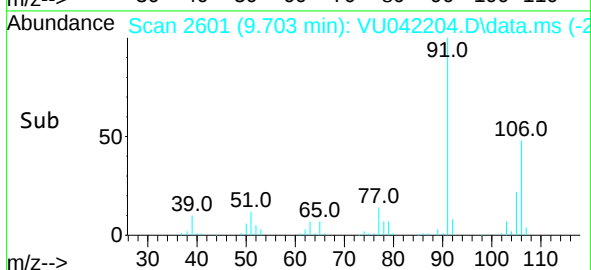
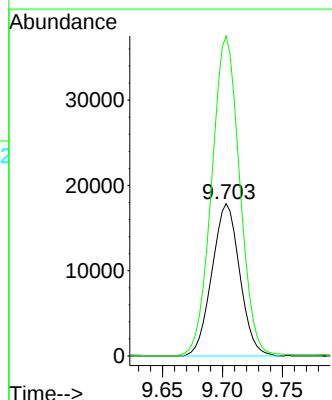
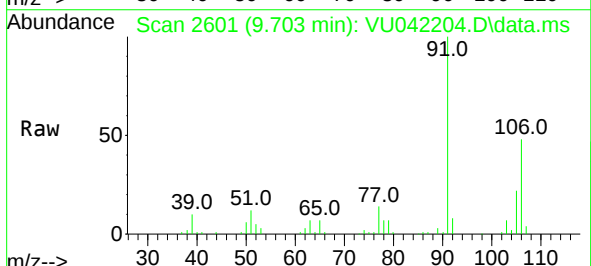
Instrument :  
MSVOA\_U  
ClientSampleId :

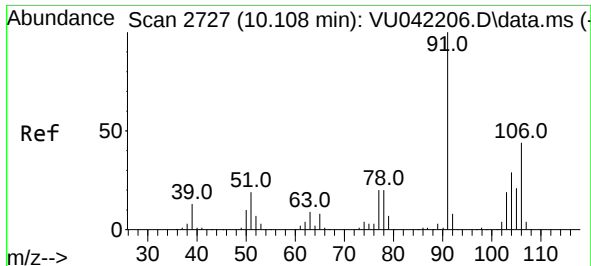
Tgt Ion: 91 Resp: 39004  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.1 36.1



#64  
m/p-Xylenes  
Concen: 4.19 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 106 Resp: 28757  
Ion Ratio Lower Upper  
106 100  
91 213.0 168.4 252.6

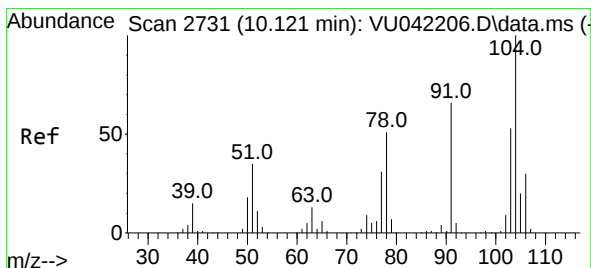
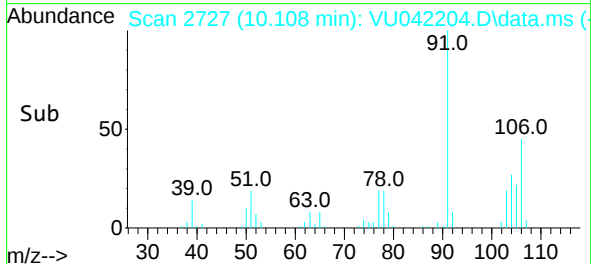
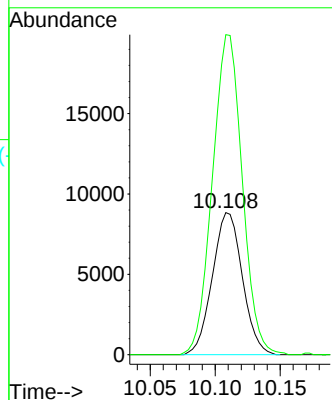
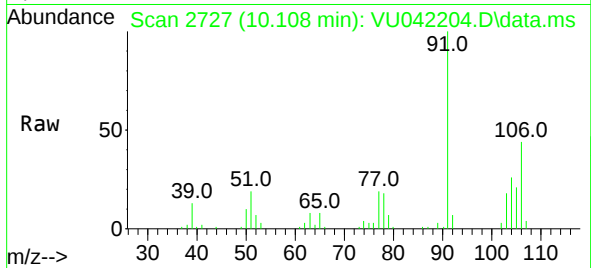




#65  
o-Xylene  
Concen: 2.10 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

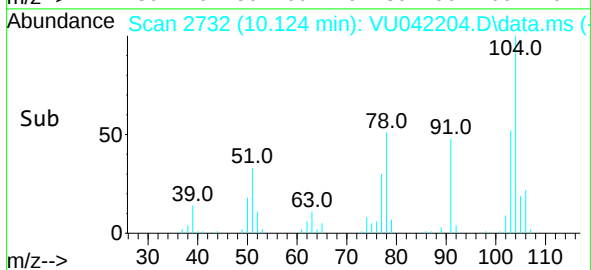
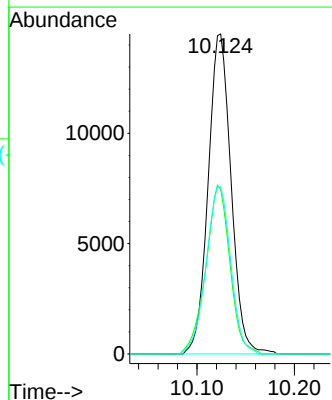
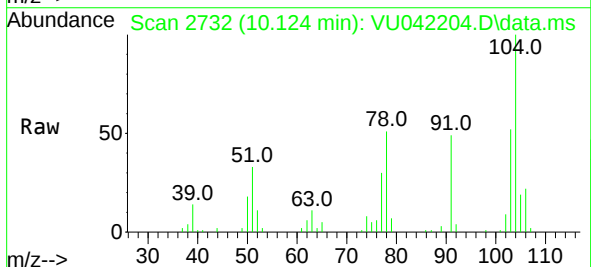
Instrument :  
MSVOA\_U  
ClientSampled :

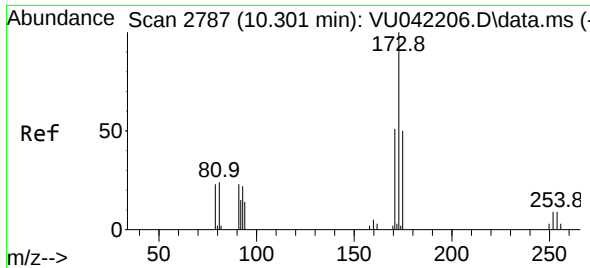
Tgt Ion:106 Resp: 14178  
Ion Ratio Lower Upper  
106 100  
91 224.2 112.0 336.0



#66  
Styrene  
Concen: 2.08 ug/l  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:104 Resp: 23665  
Ion Ratio Lower Upper  
104 100  
78 55.4 43.9 65.9  
103 56.2 44.7 67.1

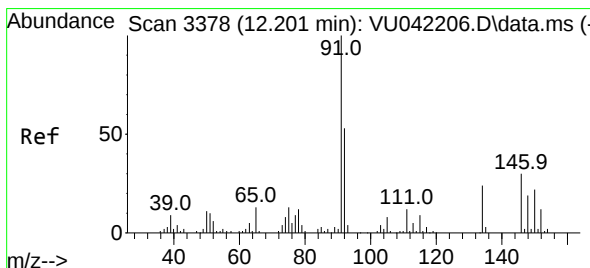
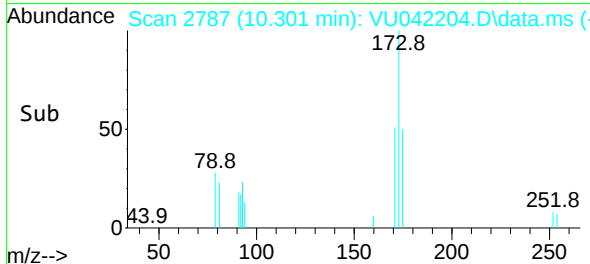
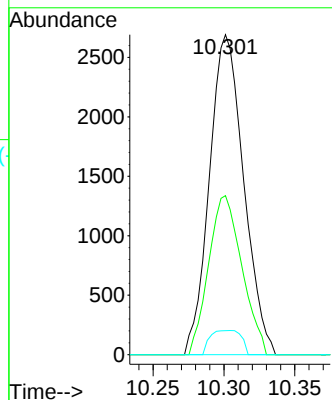
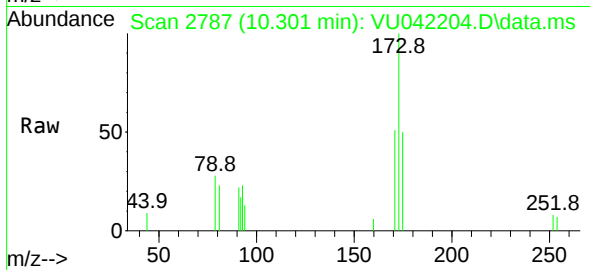




#67  
Bromoform  
Concen: 1.87 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

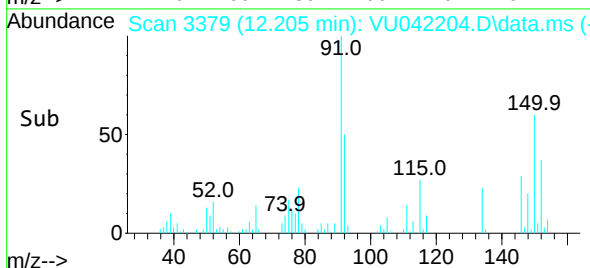
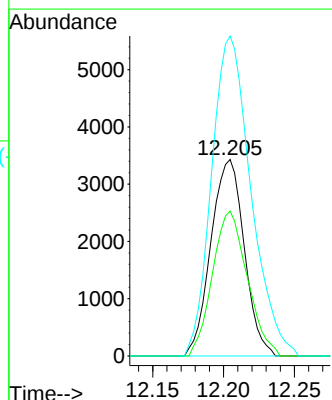
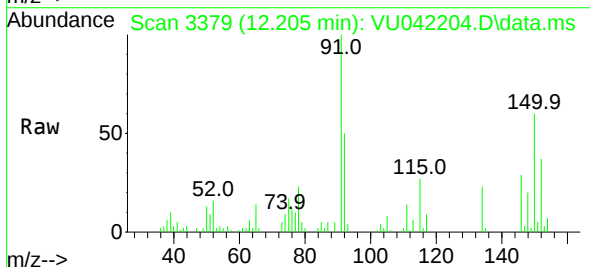
Instrument :  
MSVOA\_U  
ClientSampleId :

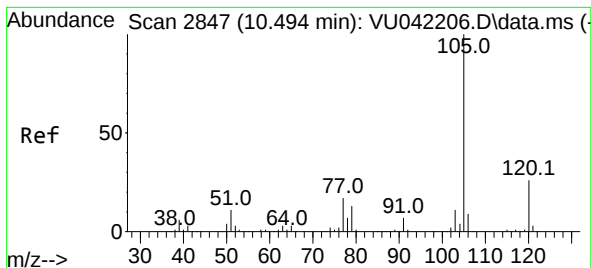
Tgt Ion:173 Resp: 4524  
Ion Ratio Lower Upper  
173 100  
175 48.2 40.0 60.0  
254 6.8 6.8 10.2#



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.03 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:152 Resp: 5607  
Ion Ratio Lower Upper  
152 100  
115 77.0 0.0 243.2  
150 192.2 0.0 642.6

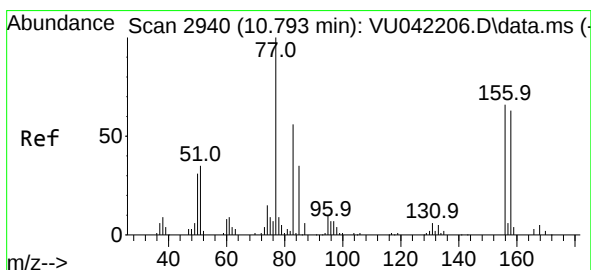
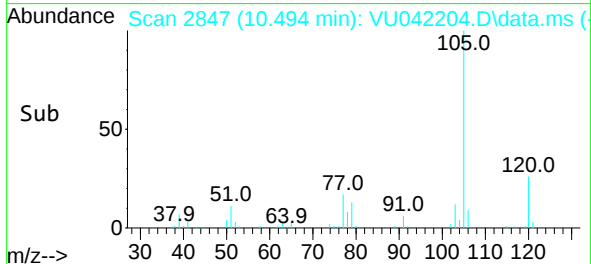
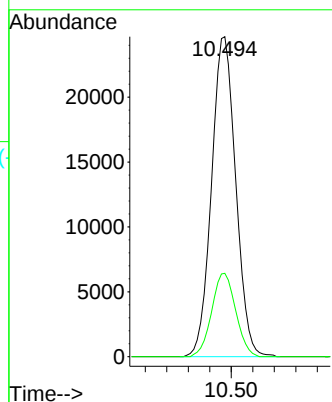
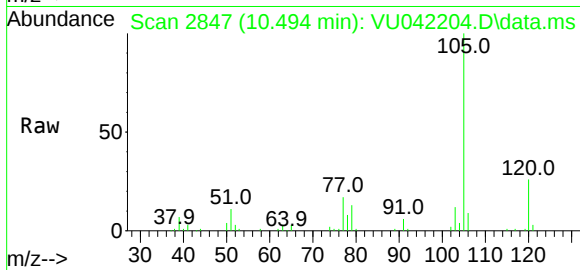




#69  
Isopropylbenzene  
Concen: 2.11 ug/l  
RT: 10.494 min Scan# 2847  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

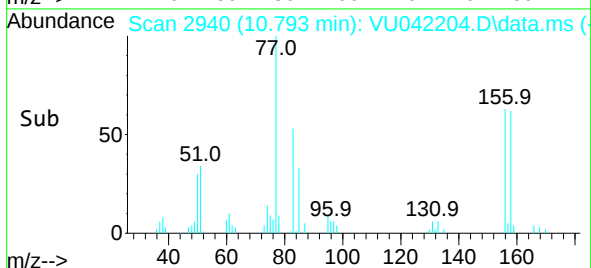
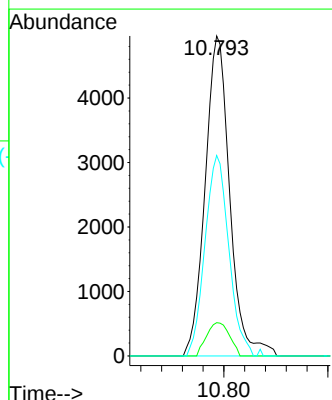
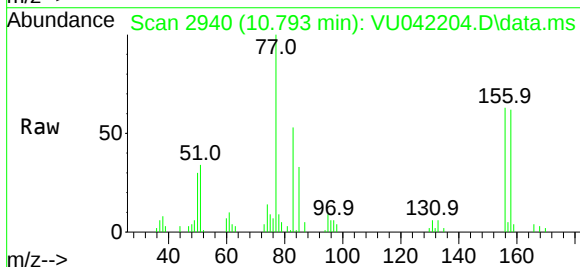
Instrument :  
MSVOA\_U  
ClientSampled :

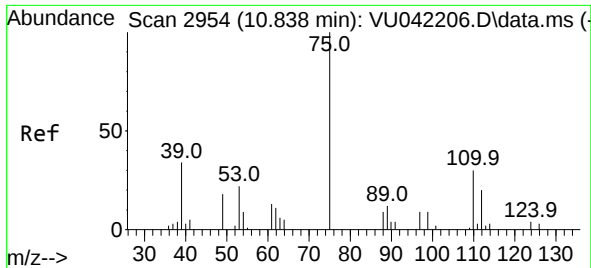
Tgt Ion:105 Resp: 38481  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.1



#70  
1,1,2,2-Tetrachloroethane  
Concen: 2.18 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 83 Resp: 8139  
Ion Ratio Lower Upper  
83 100  
131 9.7 8.1 12.1  
85 60.7 51.5 77.3

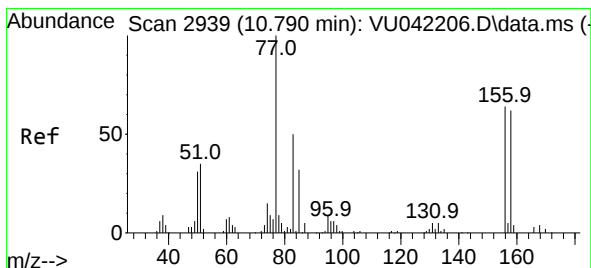
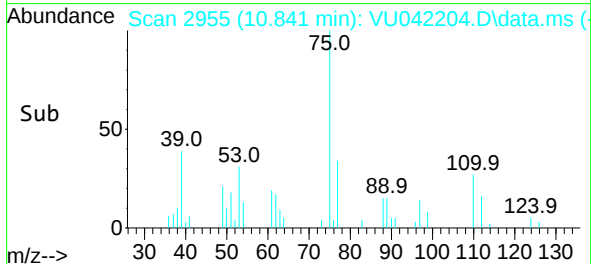
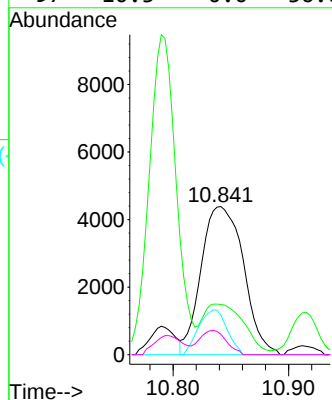
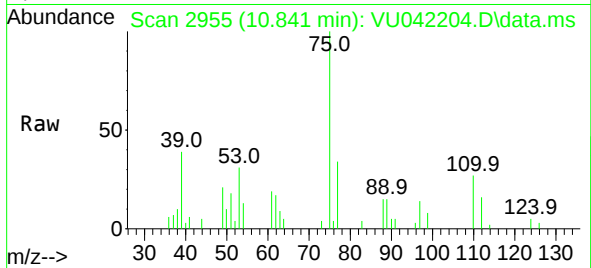




#71  
1,2,3-Trichloropropane  
Concen: 3.74 ug/l  
RT: 10.841 min Scan# 2955  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

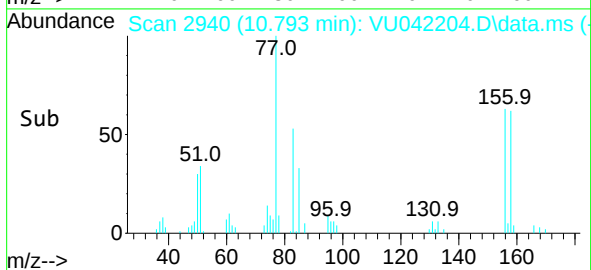
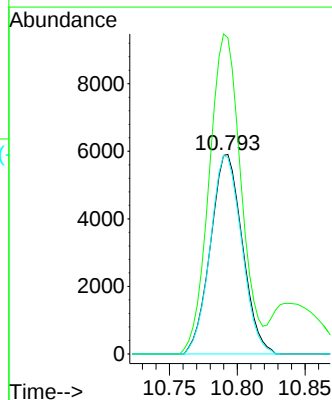
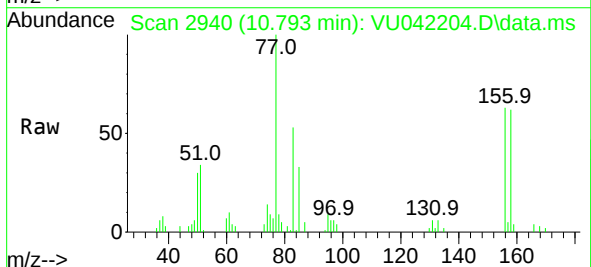
Instrument :  
MSVOA\_U  
ClientSampled :

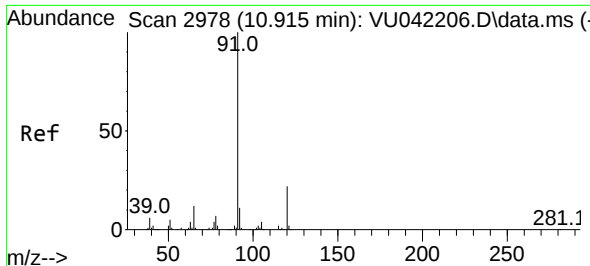
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 11183 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 32.1     | 0.0 107.2   |
| 110 20.2    | 0.0 69.0    |
| 97 10.3     | 0.0 36.6    |



#72  
Bromobenzene  
Concen: 2.10 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

|              |             |
|--------------|-------------|
| Tgt Ion: 156 | Resp: 9674  |
| Ion Ratio    | Lower Upper |
| 156 100      |             |
| 77 159.5     | 0.0 317.6   |
| 158 97.8     | 0.0 195.0   |

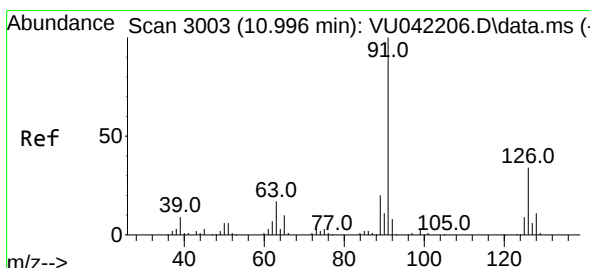
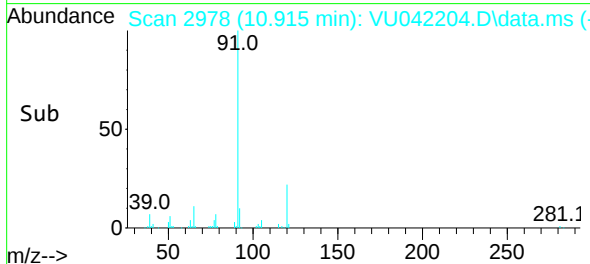
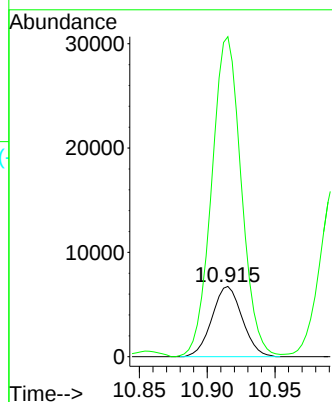
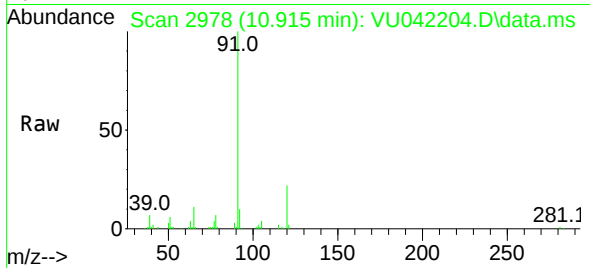




#73  
n-propylbenzene  
Concen: 2.21 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

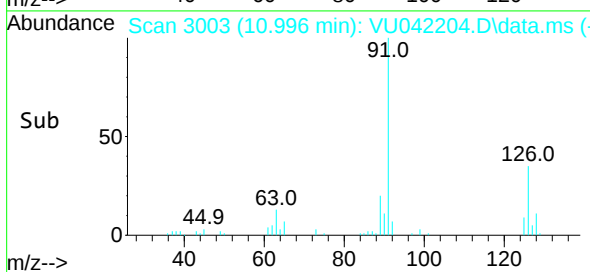
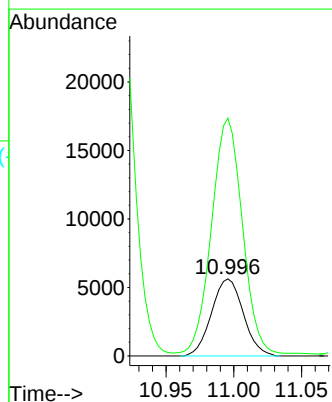
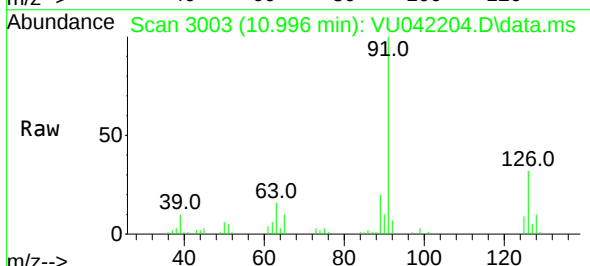
Instrument :  
MSVOA\_U  
ClientSampled :

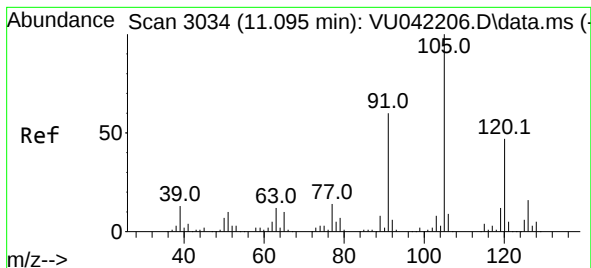
Tgt Ion:120 Resp: 10458  
Ion Ratio Lower Upper  
120 100  
91 446.3 355.1 532.7



#74  
2-Chlorotoluene  
Concen: 2.15 ug/l  
RT: 10.996 min Scan# 3003  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:126 Resp: 9162  
Ion Ratio Lower Upper  
126 100  
91 302.9 0.0 588.6

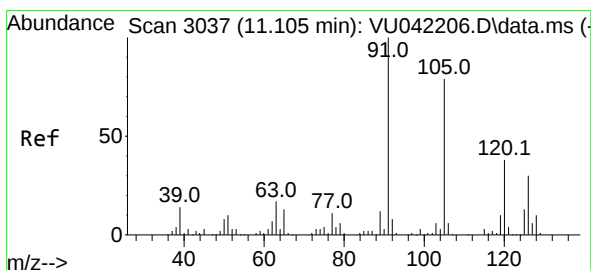
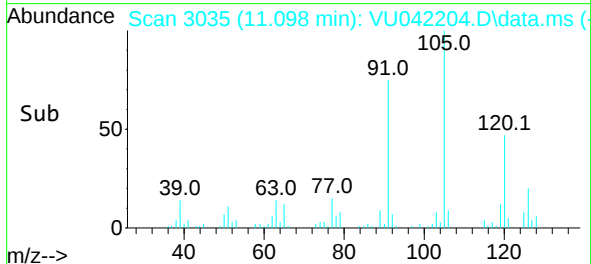
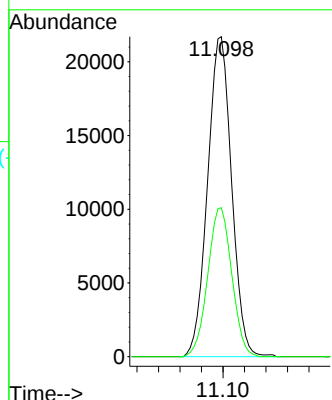
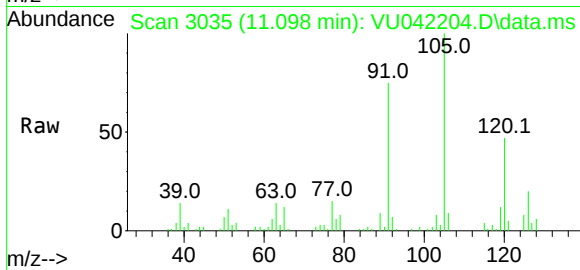




#75  
1,3,5-Trimethylbenzene  
Concen: 2.18 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

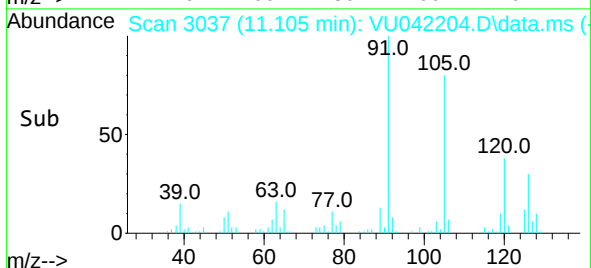
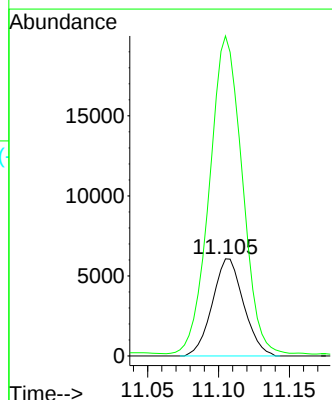
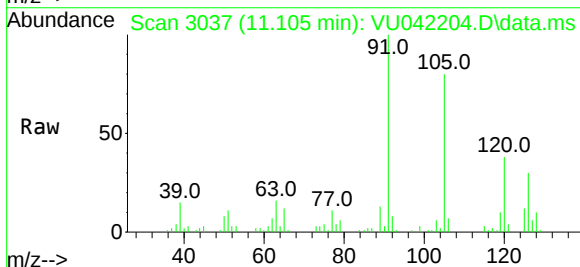
Instrument :  
MSVOA\_U  
ClientSampled :

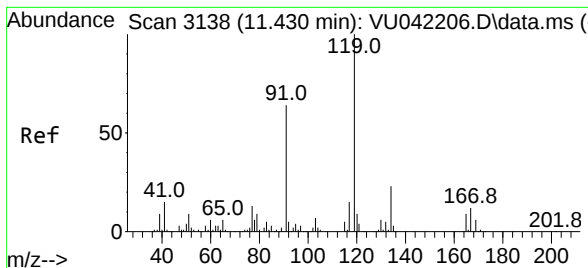
Tgt Ion:105 Resp: 33654  
Ion Ratio Lower Upper  
105 100  
120 46.5 37.8 56.8



#76  
4-Chlorotoluene  
Concen: 2.14 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:126 Resp: 9321  
Ion Ratio Lower Upper  
126 100  
91 344.1 0.0 682.0

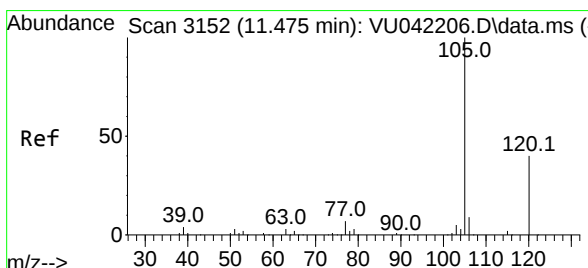
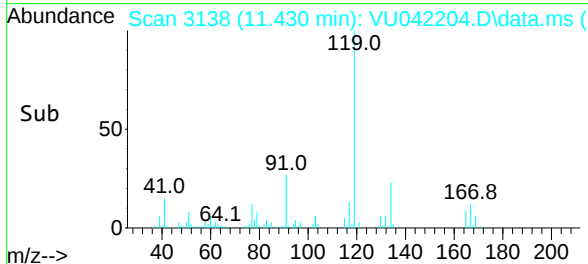
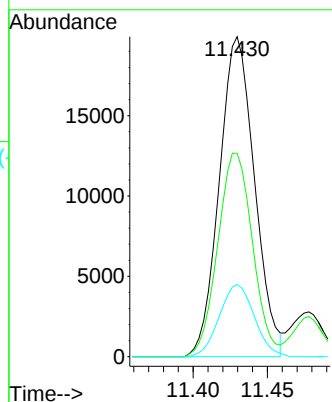
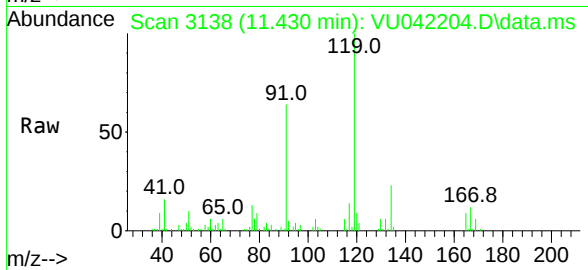




#77  
tert-Butylbenzene  
Concen: 2.14 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

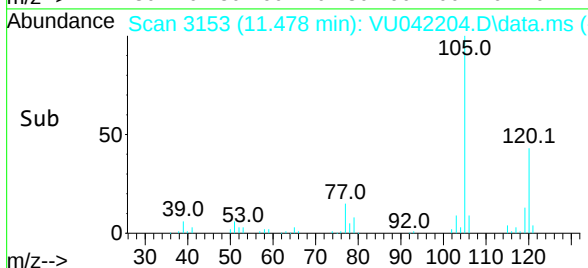
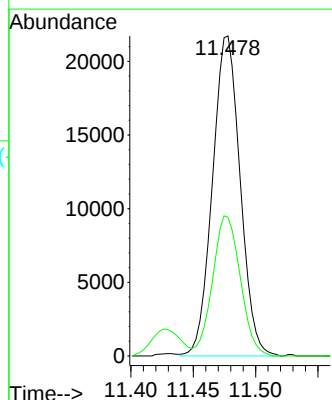
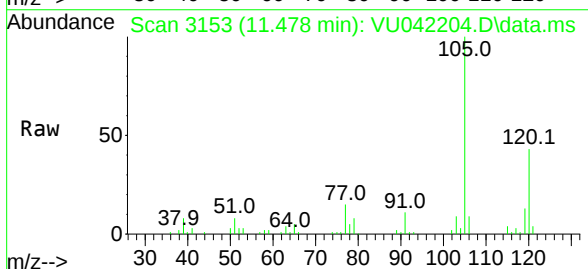
Instrument :  
MSVOA\_U  
ClientSampled :

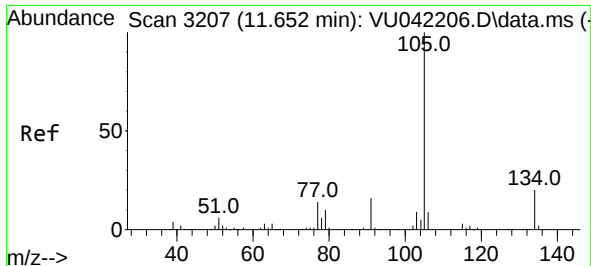
Tgt Ion:119 Resp: 32897  
Ion Ratio Lower Upper  
119 100  
91 63.0 30.3 90.9  
134 22.4 18.1 27.1



#78  
1,2,4-Trimethylbenzene  
Concen: 2.19 ug/l  
RT: 11.478 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:105 Resp: 33628  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.5 67.5

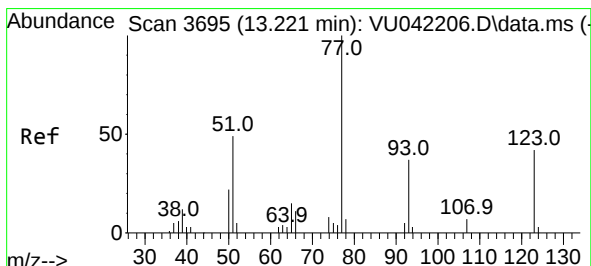
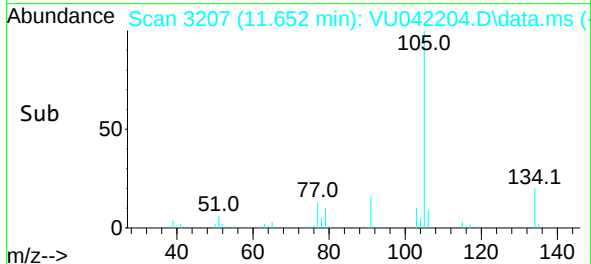
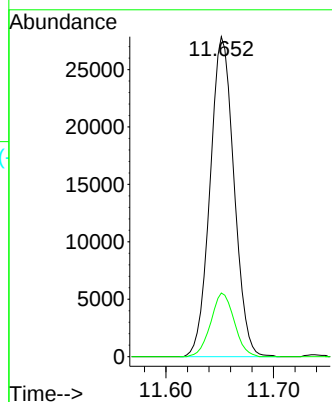
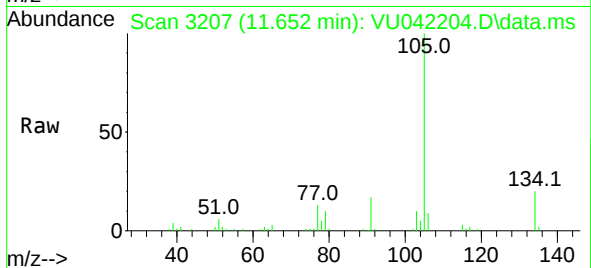




#79  
 sec-Butylbenzene  
 Concen: 2.21 ug/l  
 RT: 11.652 min Scan# 3207  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

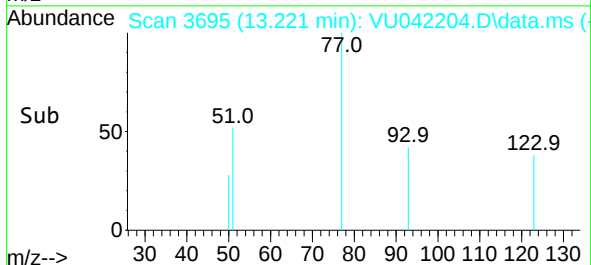
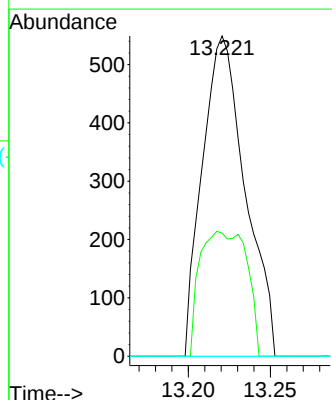
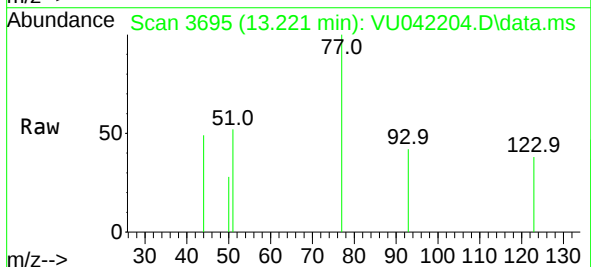
Instrument :  
 MSVOA\_U  
 ClientSampleId :

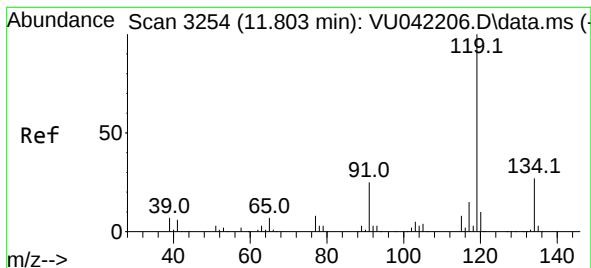
Tgt Ion:105 Resp: 43052  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 16.2 24.2



#80  
 Nitrobenzene  
 Concen: 9.19 ug/l  
 RT: 13.221 min Scan# 3695  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

Tgt Ion: 77 Resp: 996  
 Ion Ratio Lower Upper  
 77 100  
 123 42.5 18.3 64.7  
 65 0.0 15.0 19.2#

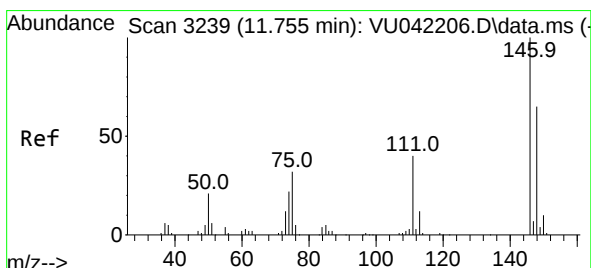
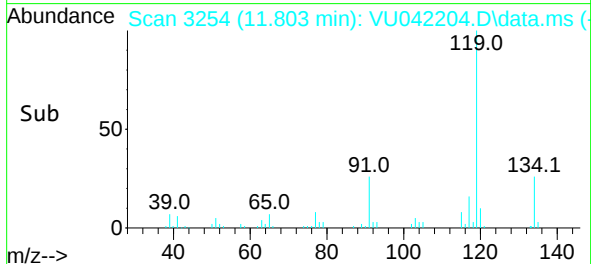
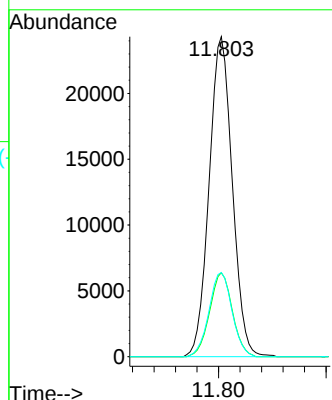
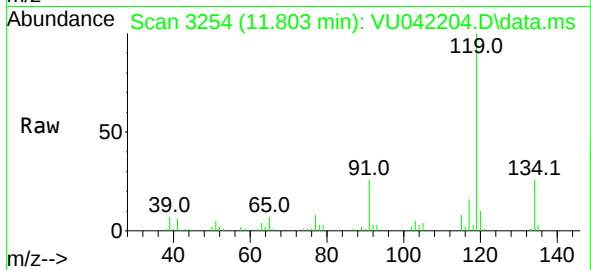




#81  
p-Isopropyltoluene  
Concen: 2.21 ug/l  
RT: 11.803 min Scan# 3254  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

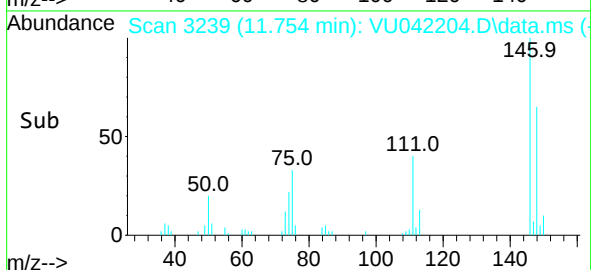
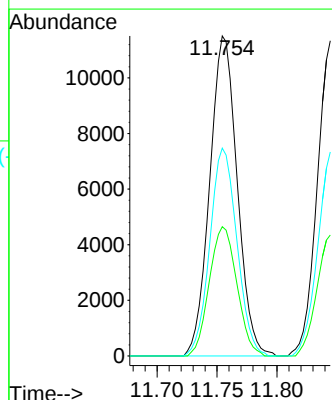
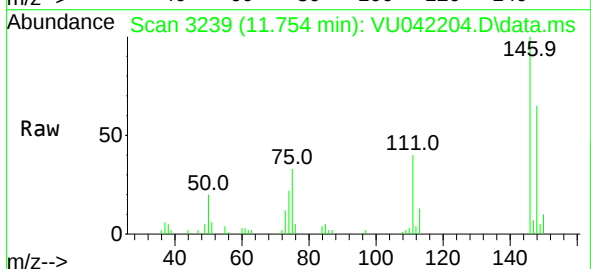
Instrument :  
MSVOA\_U  
ClientSampleId :

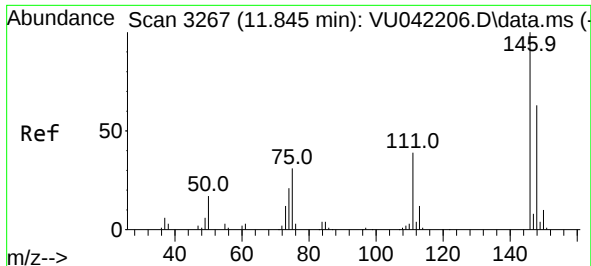
Tgt Ion:119 Resp: 36319  
Ion Ratio Lower Upper  
119 100  
134 25.7 21.5 32.3  
91 26.2 20.2 30.4



#82  
1,3-Dichlorobenzene  
Concen: 2.16 ug/l  
RT: 11.754 min Scan# 3239  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:146 Resp: 18306  
Ion Ratio Lower Upper  
146 100  
111 40.5 32.1 48.1  
148 64.1 51.5 77.3

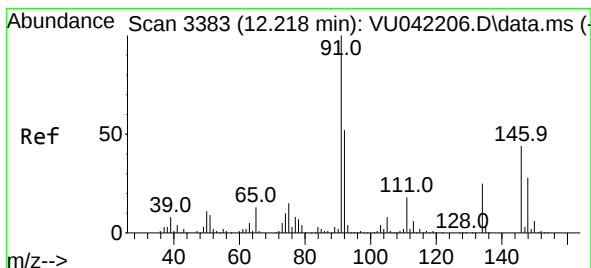
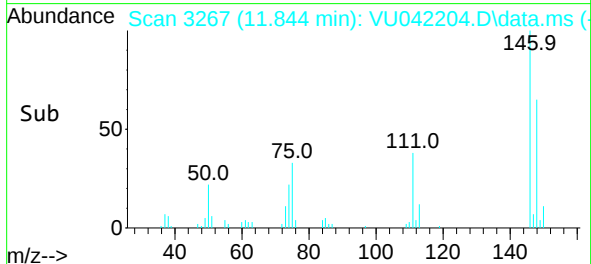
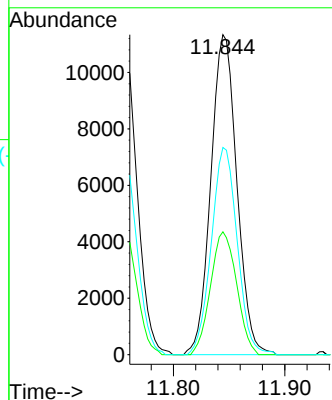
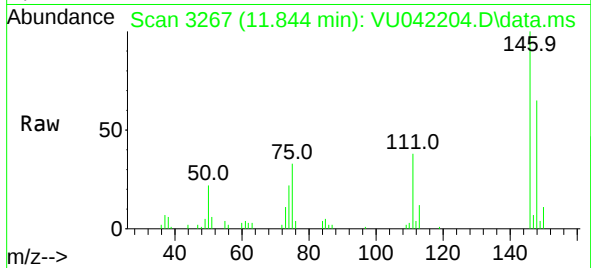




#83  
1,4-Dichlorobenzene  
Concen: 2.20 ug/l  
RT: 11.844 min Scan# 3267  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

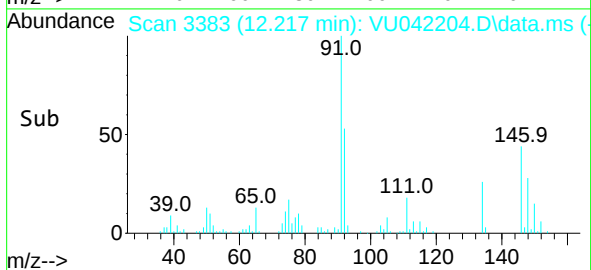
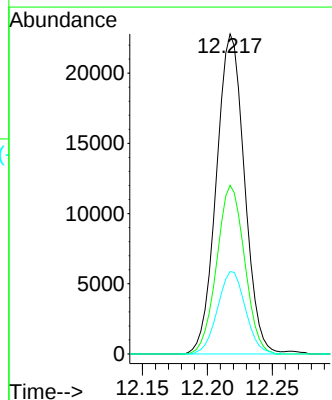
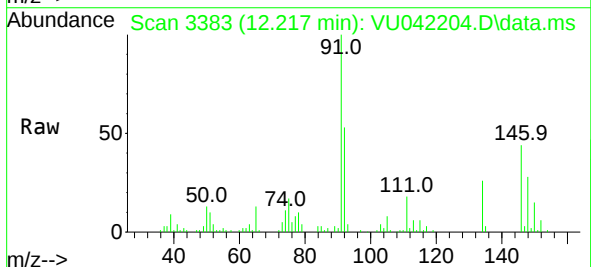
Instrument :  
MSVOA\_U  
ClientSampled :

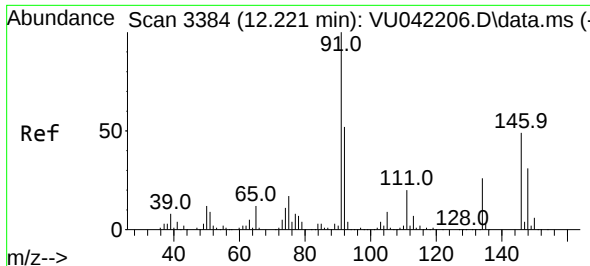
Tgt Ion:146 Resp: 18423  
Ion Ratio Lower Upper  
146 100  
111 38.5 30.7 46.1  
148 64.4 50.3 75.5



#84  
n-Butylbenzene  
Concen: 2.36 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 91 Resp: 34235  
Ion Ratio Lower Upper  
91 100  
92 52.1 41.8 62.8  
134 25.5 20.3 30.5

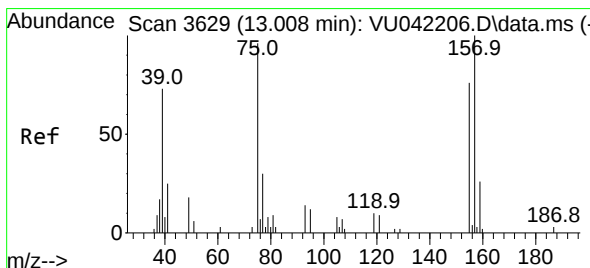
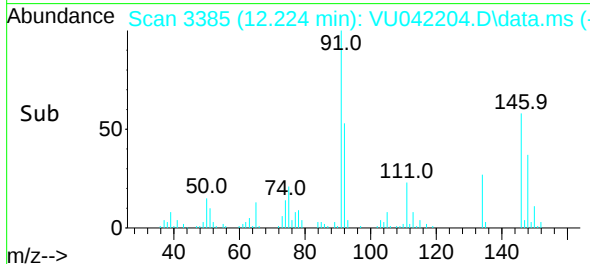
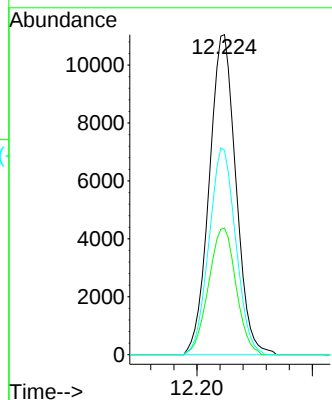
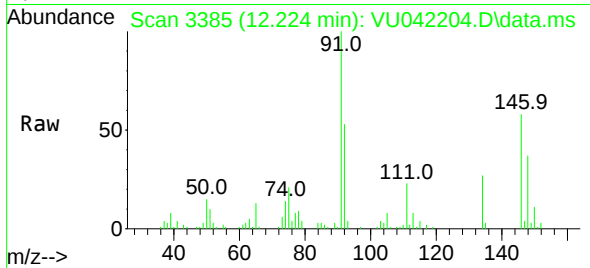




#85  
1,2-Dichlorobenzene  
Concen: 2.16 ug/l  
RT: 12.224 min Scan# 3385  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

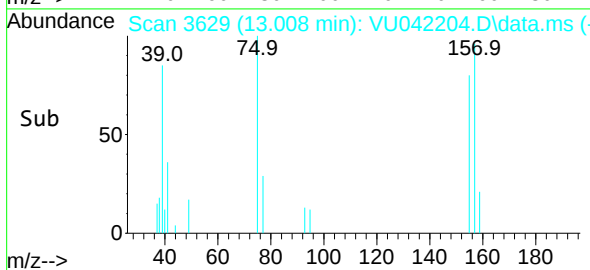
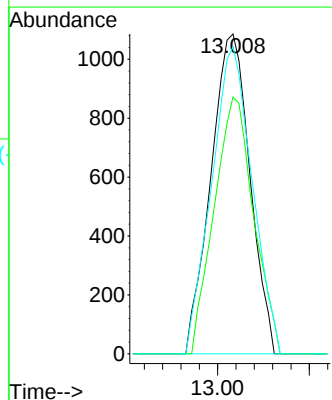
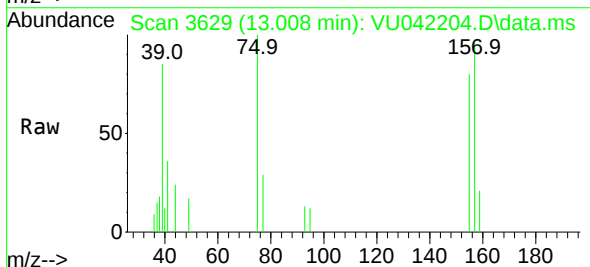
Instrument :  
MSVOA\_U  
ClientSampled :

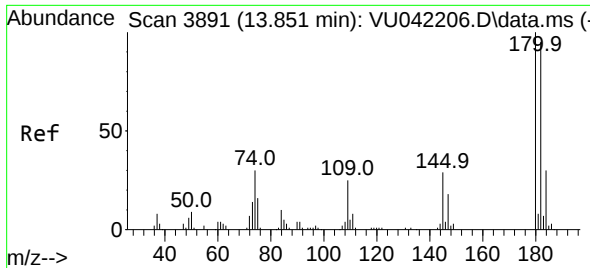
Tgt Ion:146 Resp: 17711  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.6 61.8  
148 64.7 32.1 96.3



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 2.11 ug/l  
RT: 13.008 min Scan# 3629  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion: 75 Resp: 1603  
Ion Ratio Lower Upper  
75 100  
155 81.2 65.4 98.0  
157 100.0 83.3 124.9

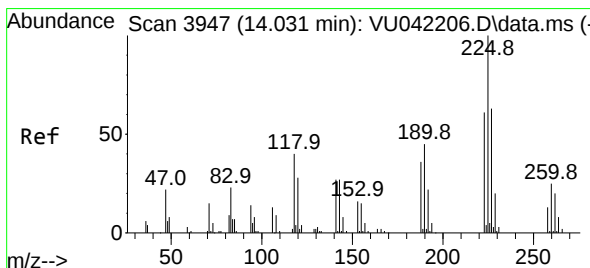
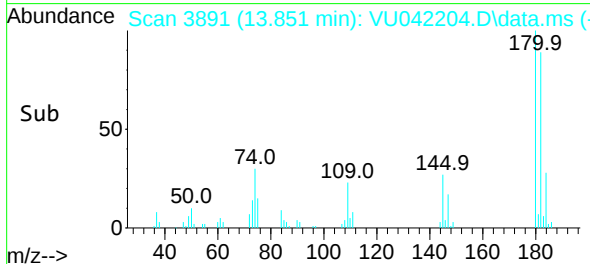
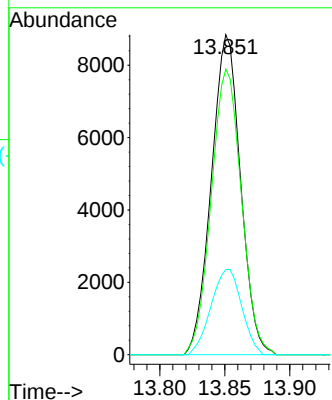
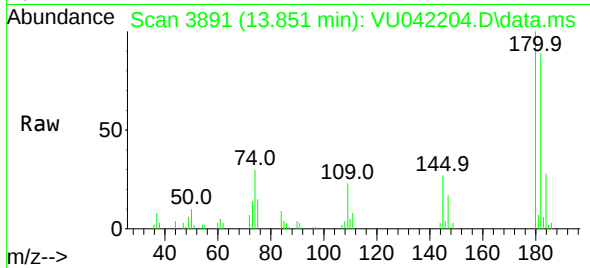




#87  
 1,2,4-Trichlorobenzene  
 Concen: 2.49 ug/l  
 RT: 13.851 min Scan# 3891  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

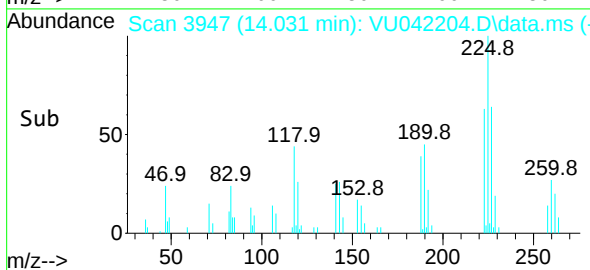
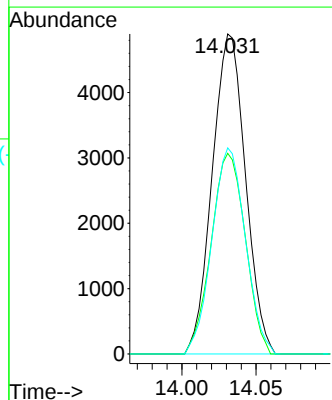
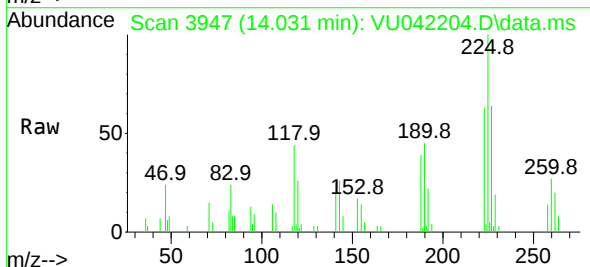
Instrument :  
 MSVOA\_U  
 ClientSampleId :

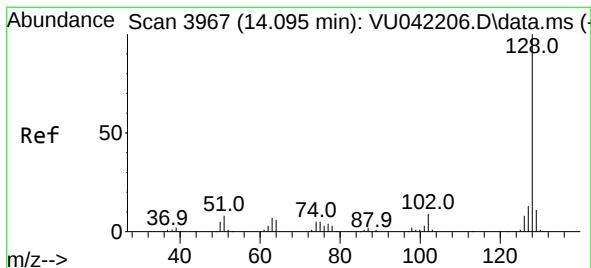
Tgt Ion:180 Resp: 13808  
 Ion Ratio Lower Upper  
 180 100  
 182 92.1 76.7 115.1  
 145 28.0 23.4 35.0



#88  
 Hexachlorobutadiene  
 Concen: 2.31 ug/l  
 RT: 14.031 min Scan# 3947  
 Delta R.T. -0.000 min  
 Lab File: VU042204.D  
 Acq: 28 Jan 2021 14:27

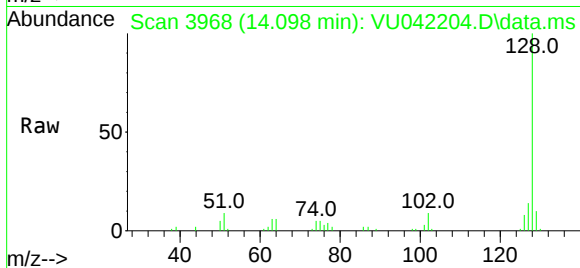
Tgt Ion:225 Resp: 7624  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 49.8 74.6  
 227 64.8 50.6 76.0



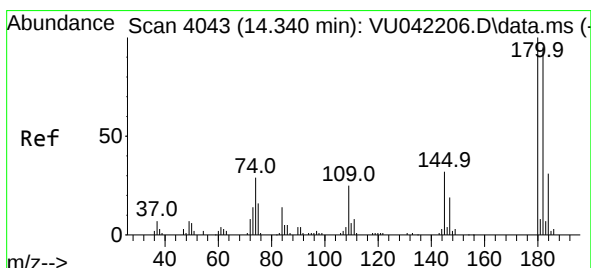
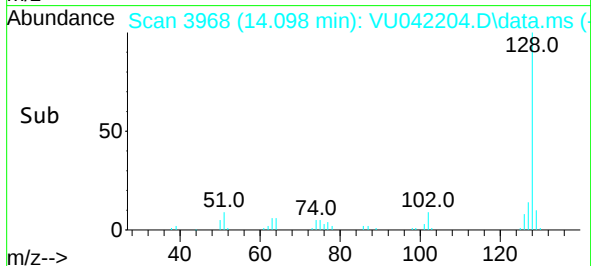
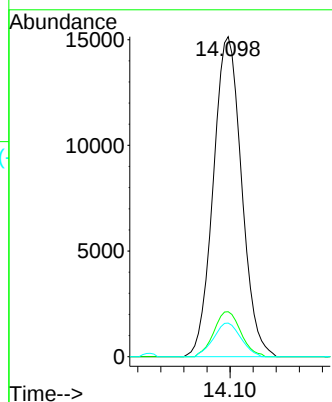


#89  
Naphthalene  
Concen: 2.60 ug/l  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.003 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Instrument :  
MSVOA\_U  
ClientSampled :



Tgt Ion:128 Resp: 25757  
Ion Ratio Lower Upper  
128 100  
127 13.4 11.0 16.4  
129 10.2 8.9 13.3



#90  
1,2,3-Trichlorobenzene  
Concen: 2.35 ug/l  
RT: 14.339 min Scan# 4043  
Delta R.T. -0.000 min  
Lab File: VU042204.D  
Acq: 28 Jan 2021 14:27

Tgt Ion:180 Resp: 12342  
Ion Ratio Lower Upper  
180 100  
182 96.6 76.5 114.7  
145 31.9 25.4 38.0

