

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044021.D  
 Acq On : 02 Jun 2021 11:55  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 03 05:29:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:27:03 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|------------------------------|--------|------|----------|-------|--------|----------|
| -----                        |        |      |          |       |        |          |
| Internal Standards           |        |      |          |       |        |          |
| 1) Fluorobenzene             | 6.121  | 96   | 19043    | 1.00  | ug/l   | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |        |          |
| 57) 4-Bromofluorobenzene     | 10.642 | 95   | 7236     | 0.90  | ug/l   | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 90.00% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.201 | 152  | 7276     | 0.85  | ug/l   | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 85.00% |          |
| Target Compounds             |        |      |          |       |        |          |
|                              |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.391  | 85   | 41868    | 5.55  | ug/l   | 99       |
| 3) Chloromethane             | 1.526  | 50   | 44671    | 6.11  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.610  | 62   | 41771    | 5.97  | ug/l   | 99       |
| 5) Bromomethane              | 1.864  | 94   | 23101    | 5.22  | ug/l   | 98       |
| 6) Chloroethane              | 1.941  | 64   | 24583    | 5.33  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 47068    | 4.23  | ug/l   | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 27802    | 4.85  | ug/l   | 100      |
| 9) 1,1-Dichloroethene        | 2.591  | 96   | 25724    | 5.13  | ug/l   | 100      |
| 10) Iodomethane              | 2.732  | 142  | 34813    | 4.55  | ug/l   | 99       |
| 11) Allyl Chloride           | 2.935  | 41   | 42320    | 4.50  | ug/l   | 99       |
| 12) Acrylonitrile            | 3.333  | 53   | 9449     | 6.91  | ug/l   | 98       |
| 13) Acetone                  | 2.639  | 43   | 11921    | 11.55 | ug/l   | 99       |
| 14) Carbon Disulfide         | 2.803  | 76   | 88847    | 5.56  | ug/l   | 100      |
| 15) Methylene Chloride       | 3.057  | 84   | 30520    | 5.01  | ug/l   | 99       |
| 16) trans-1,2-Dichloroethene | 3.362  | 96   | 27948    | 5.15  | ug/l   | 97       |
| 17) 1,1-Dichloroethane       | 3.883  | 63   | 54182    | 4.91  | ug/l   | 99       |
| 18) 2-Butanone               | 4.739  | 43   | 28389    | 14.76 | ug/l   | 96       |
| 19) Cyclohexane              | 5.391  | 56   | 48164    | 5.04  | ug/l   | 97       |
| 20) Methylcyclohexane        | 6.771  | 83   | 42535    | 5.12  | ug/l   | 97       |
| 21) 2,2-Dichloropropane      | 4.677  | 77   | 43520    | 4.37  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.677  | 96   | 30035    | 4.93  | ug/l   | 99       |
| 23) Diethyl Ether            | 2.388  | 59   | 21306    | 5.06  | ug/l   | 98       |
| 24) tert-Butyl Alcohol       | 3.208  | 59   | 10666    | 38.87 | ug/l # | 91       |
| 25) Methyl tert-Butyl Ether  | 3.382  | 73   | 62465    | 4.31  | ug/l   | 97       |
| 26) Bromochloromethane       | 4.989  | 128  | 12236    | 4.32  | ug/l   | 98       |
| 27) Chloroform               | 5.102  | 83   | 51654    | 4.53  | ug/l   | 100      |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 44536    | 4.34  | ug/l   | 99       |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 40681    | 5.42  | ug/l   | 99       |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 39308    | 4.89  | ug/l   | 100      |
| 31) Isopropyl Ether          | 4.015  | 45   | 86029    | 4.43  | ug/l   | 99       |
| 32) Ethyl-t-butyl ether      | 4.526  | 59   | 75372    | 4.35  | ug/l   | 97       |
| 33) Tert-Amyl methyl ether   | 5.964  | 73   | 59977    | 4.72  | ug/l   | 97       |
| 34) Propionitrile            | 4.803  | 54   | 8869     | 20.97 | ug/l # | 90       |
| 35) Benzene                  | 5.784  | 78   | 120190   | 5.65  | ug/l   | 99       |
| 36) 1,2-Dichloroethane       | 5.809  | 62   | 34370    | 4.36  | ug/l   | 99       |
| 37) Trichloroethene          | 6.549  | 130  | 27951    | 5.05  | ug/l   | 99       |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 32928    | 5.45  | ug/l   | 99       |
| 39) Methacrylonitrile        | 4.996  | 41   | 9315     | 3.42  | ug/l   | 95       |
| 40) Methyl acrylate          | 4.867  | 55   | 13051    | 3.57  | ug/l # | 90       |
| 41) Tetrahydrofuran          | 5.083  | 42   | 7804     | 5.82  | ug/l   | 94       |
| 42) 1-Chlorobutane           | 5.465  | 56   | 60006    | 5.41  | ug/l   | 98       |
| 43) Dibromomethane           | 6.928  | 93   | 15863    | 4.95  | ug/l   | 99       |
| 44) Bromodichloromethane     | 7.118  | 83   | 39621    | 5.20  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044021.D  
 Acq On : 02 Jun 2021 11:55  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

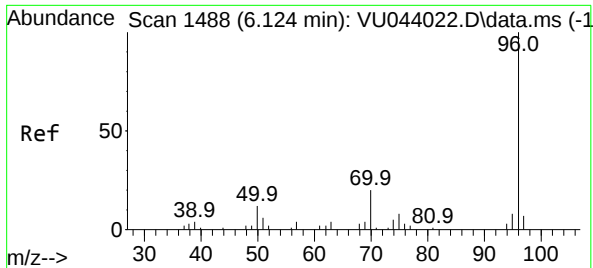
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 03 05:29:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:27:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.816  | 43   | 88243    | 19.00 | ug/l   | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.835 | 75   | 36552    | 24.00 | ug/l # | 56       |
| 47) Methyl methacrylate       | 6.980  | 69   | 27812    | 9.81  | ug/l   | 97       |
| 48) Ethyl methacrylate        | 8.349  | 69   | 24976    | 4.50  | ug/l   | 99       |
| 49) Toluene                   | 7.980  | 92   | 71349    | 5.49  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 34405    | 5.07  | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene   | 7.619  | 75   | 38793    | 5.07  | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.410  | 97   | 23110    | 5.14  | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 40237    | 5.18  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.706  | 43   | 63210    | 19.19 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.819  | 129  | 24984    | 4.77  | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.935  | 107  | 20466    | 4.65  | ug/l   | 99       |
| 58) Tetrachloroethene         | 8.562  | 164  | 27058    | 4.56  | ug/l   | 99       |
| 59) Chlorobenzene             | 9.455  | 112  | 70112    | 4.88  | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 26542    | 4.78  | ug/l   | 99       |
| 61) Pentachloroethane         | 11.436 | 117  | 21591    | 5.03  | ug/l   | 96       |
| 62) Hexachloroethane          | 12.484 | 117  | 22430    | 5.11  | ug/l   | 96       |
| 63) Ethyl Benzene             | 9.578  | 91   | 123169   | 5.01  | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.703  | 106  | 106110   | 11.13 | ug/l   | 100      |
| 65) o-Xylene                  | 10.108 | 106  | 46824    | 5.12  | ug/l   | 99       |
| 66) Styrene                   | 10.124 | 104  | 86704    | 5.53  | ug/l   | 99       |
| 67) Bromoform                 | 10.301 | 173  | 13475    | 4.09  | ug/l   | 98       |
| 69) Isopropylbenzene          | 10.494 | 105  | 124374   | 5.03  | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 30038    | 5.13  | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 36552    | 8.07  | ug/l   | 72       |
| 72) Bromobenzene              | 10.790 | 156  | 29900    | 4.41  | ug/l   | 99       |
| 73) n-propylbenzene           | 10.915 | 120  | 36051    | 5.19  | ug/l   | 97       |
| 74) 2-Chlorotoluene           | 10.992 | 126  | 31366    | 5.02  | ug/l   | 98       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 118249   | 5.36  | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 35275    | 5.34  | ug/l   | 98       |
| 77) tert-Butylbenzene         | 11.430 | 119  | 104620   | 4.82  | ug/l   | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 122342   | 5.37  | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.651 | 105  | 154581   | 5.24  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.217 | 77   | 5351     | 33.88 | ug/l   | 96       |
| 81) p-Isopropyltoluene        | 11.803 | 119  | 129064   | 5.21  | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.754 | 146  | 65428    | 4.80  | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.844 | 146  | 66967    | 4.90  | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.217 | 91   | 125360   | 5.26  | ug/l   | 100      |
| 85) 1,2-Dichlorobenzene       | 12.221 | 146  | 63006    | 4.74  | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 4504     | 4.28  | ug/l   | 96       |
| 87) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 34314    | 3.94  | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 23374    | 3.99  | ug/l   | 99       |
| 89) Naphthalene               | 14.095 | 128  | 54767    | 3.84  | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.339 | 180  | 33881    | 4.07  | ug/l   | 98       |

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

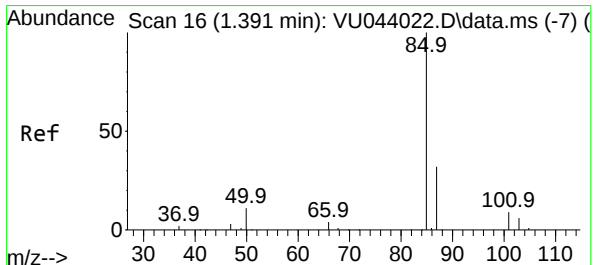
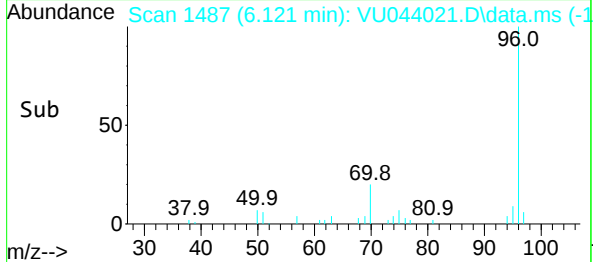
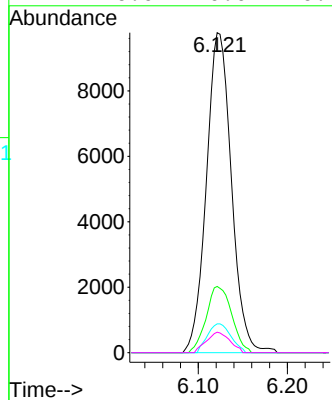
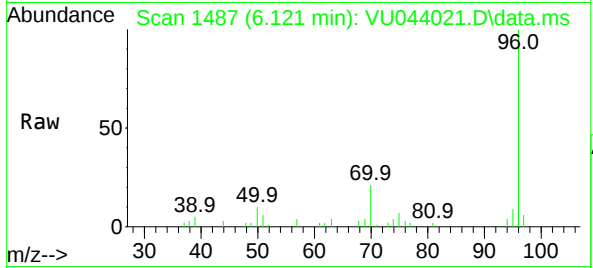




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.121 min Scan# 1487  
Delta R.T. -0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

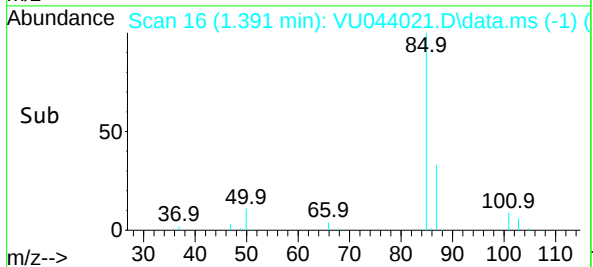
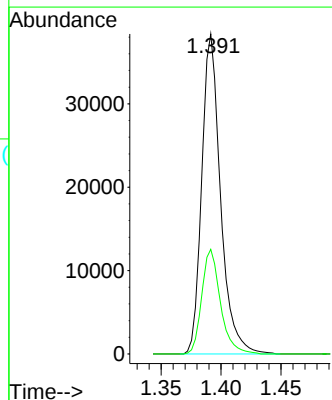
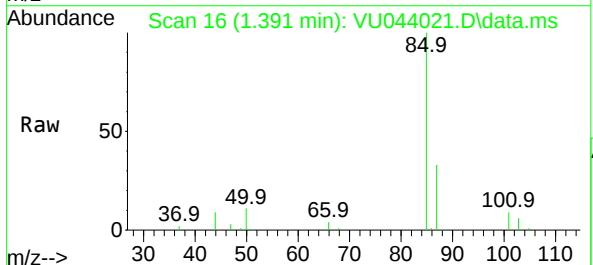
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

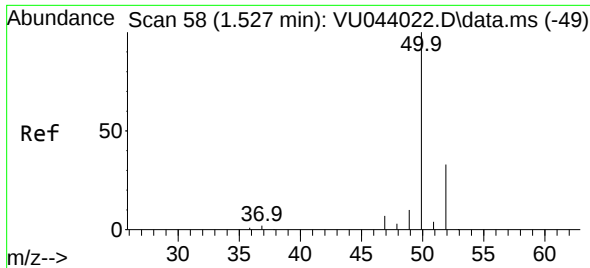
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 19043 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 21.0     | 16.0 24.0   |
| 95 8.5      | 6.5 9.7     |
| 97 6.0      | 0.0 0.0#    |



#2  
Dichlorodifluoromethane  
Concen: 5.55 ug/l  
RT: 1.391 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 41868 |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 32.7     | 16.0 47.9   |

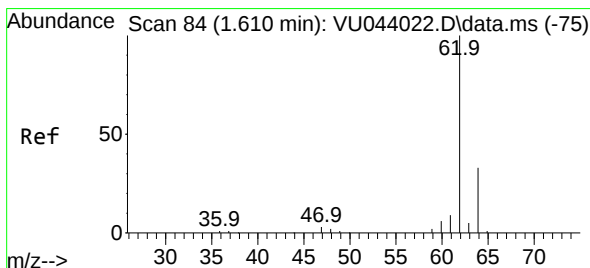
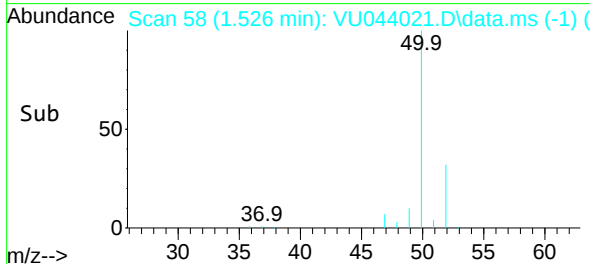
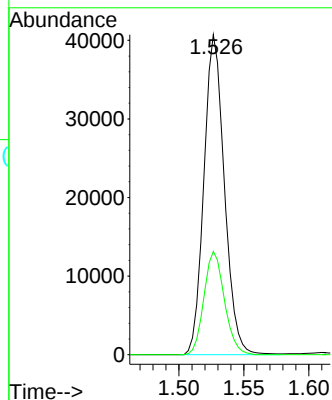
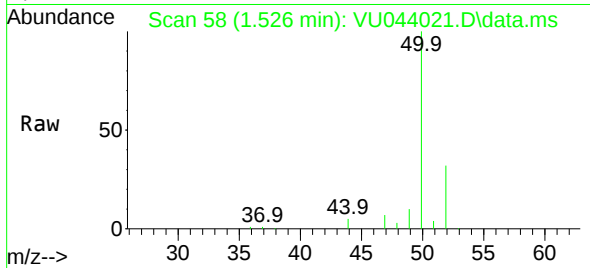




#3  
Chloromethane  
Concen: 6.11 ug/l  
RT: 1.526 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

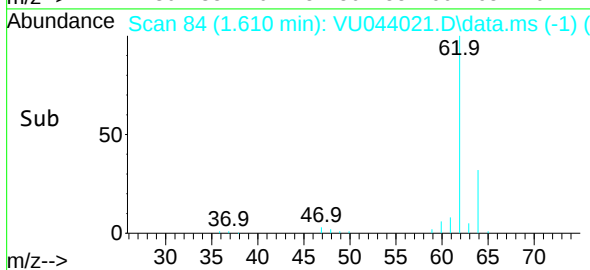
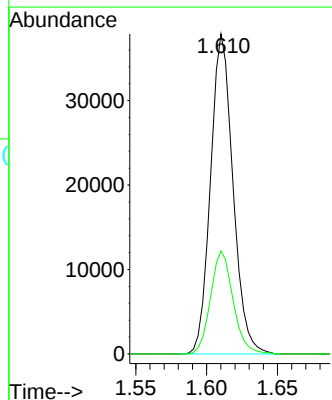
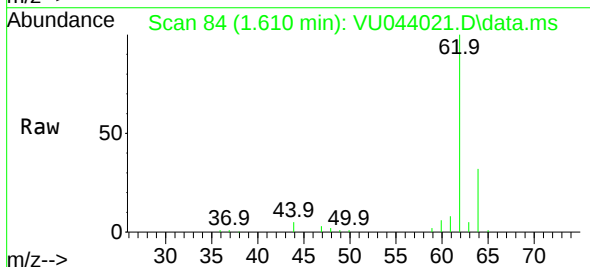
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

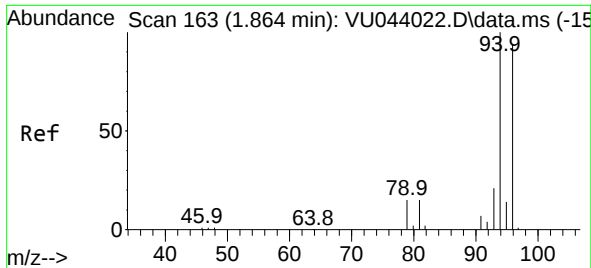
Tgt Ion: 50 Resp: 44671  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.4 39.6



#4  
Vinyl Chloride  
Concen: 5.97 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 62 Resp: 41771  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.1 39.1

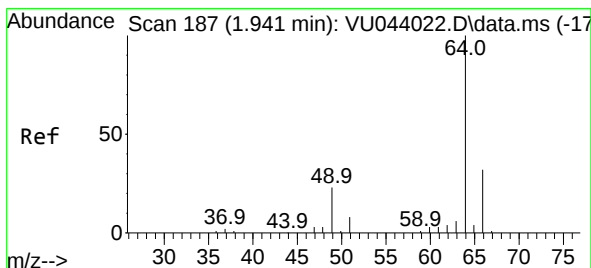
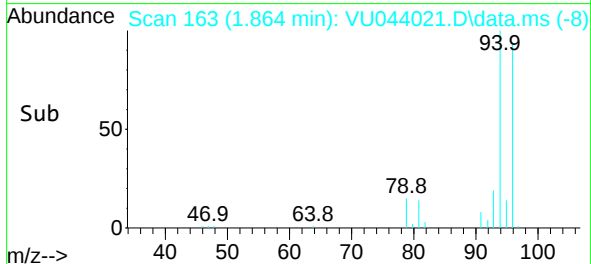
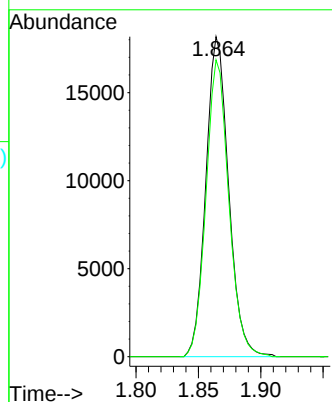
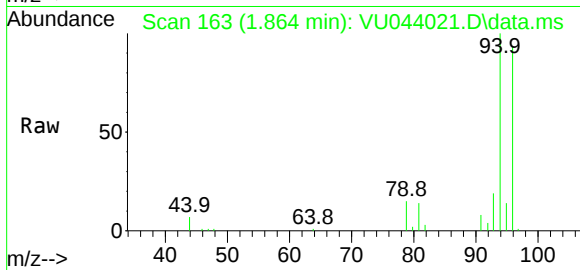




#5  
Bromomethane  
Concen: 5.22 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

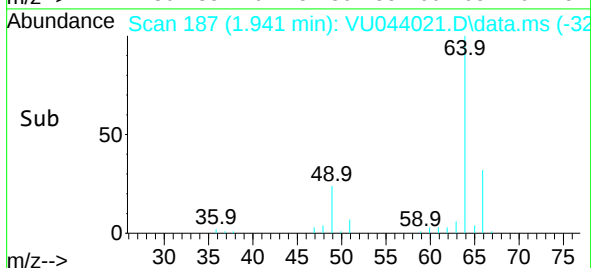
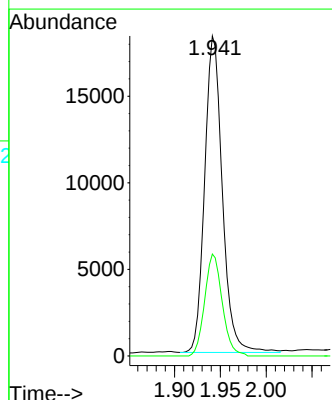
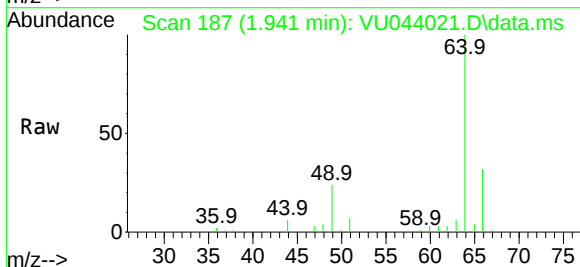
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

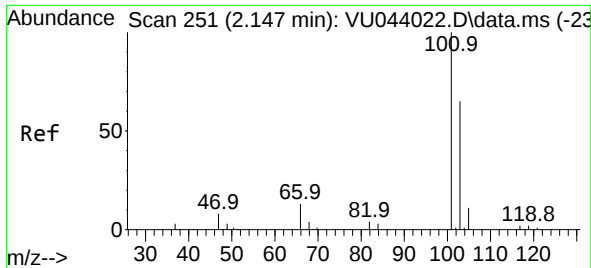
Tgt Ion: 94 Resp: 23101  
Ion Ratio Lower Upper  
94 100  
96 92.7 75.5 113.3



#6  
Chloroethane  
Concen: 5.33 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 64 Resp: 24583  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.4 38.0

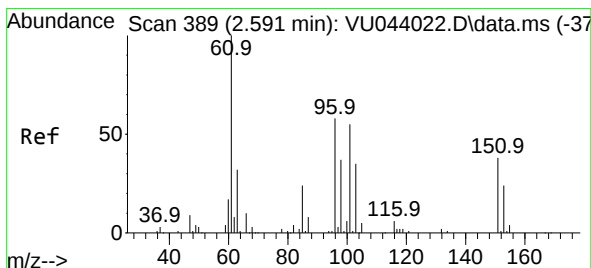
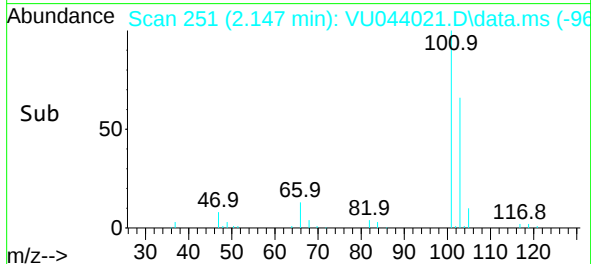
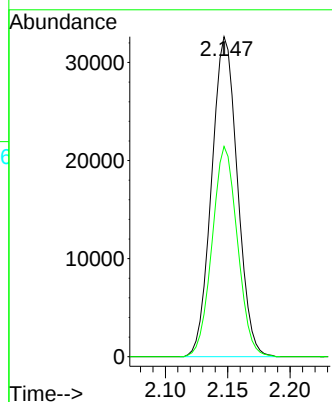
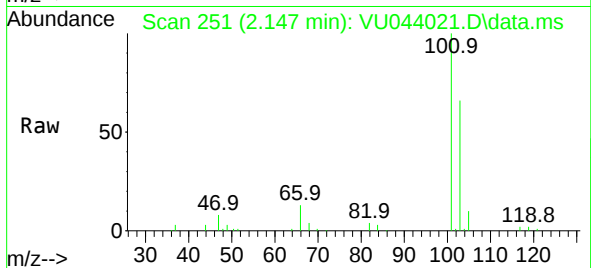




#7  
 Trichlorofluoromethane  
 Concen: 4.23 ug/l  
 RT: 2.147 min Scan# 251  
 Delta R.T. -0.000 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

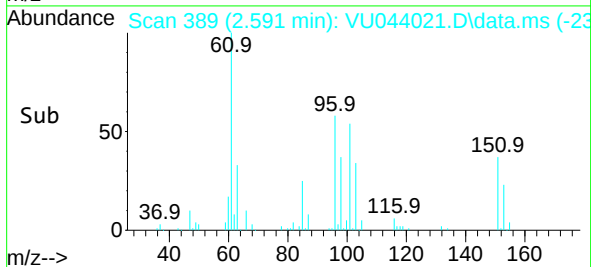
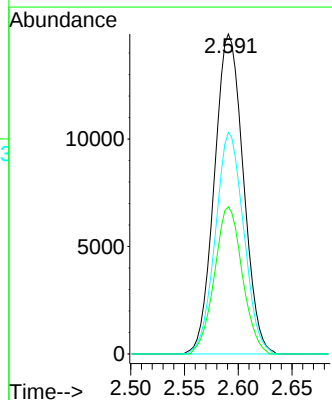
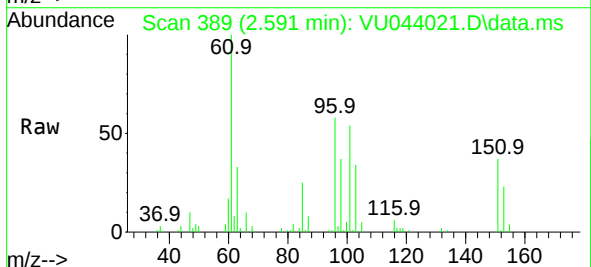
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

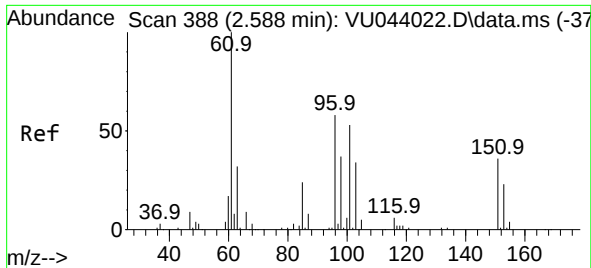
Tgt Ion:101 Resp: 47068  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 51.8 77.6



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 4.85 ug/l  
 RT: 2.591 min Scan# 389  
 Delta R.T. -0.000 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

Tgt Ion:101 Resp: 27802  
 Ion Ratio Lower Upper  
 101 100  
 85 44.3 35.2 52.8  
 151 68.1 54.6 81.8

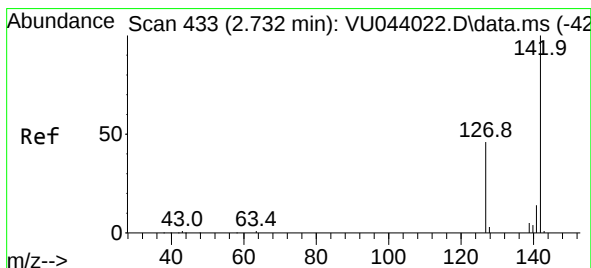
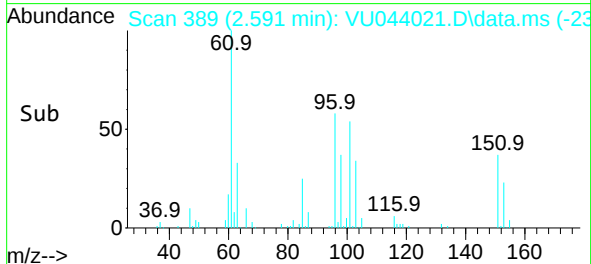
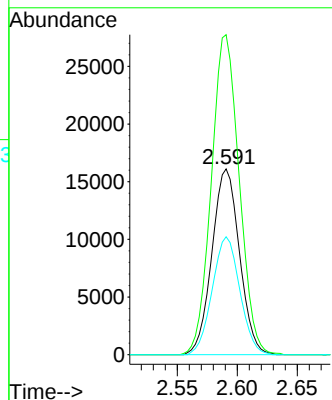
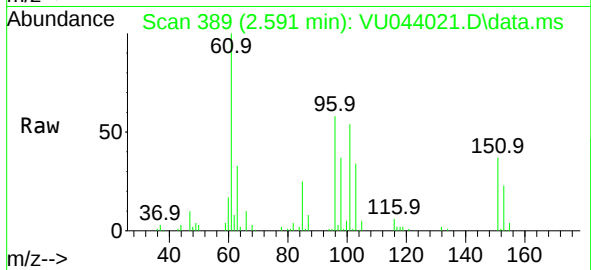




#9  
1,1-Dichloroethene  
Concen: 5.13 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

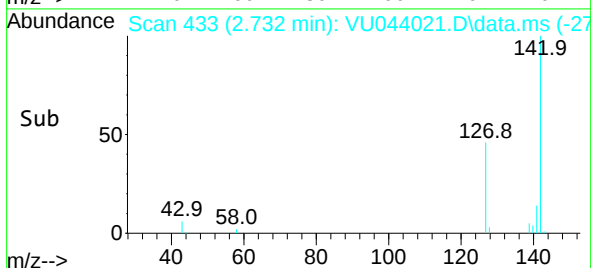
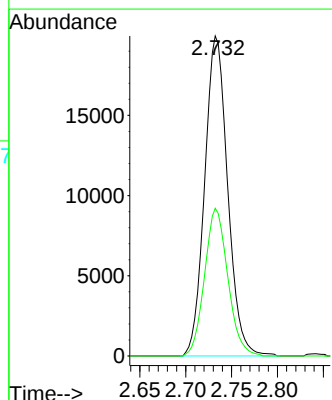
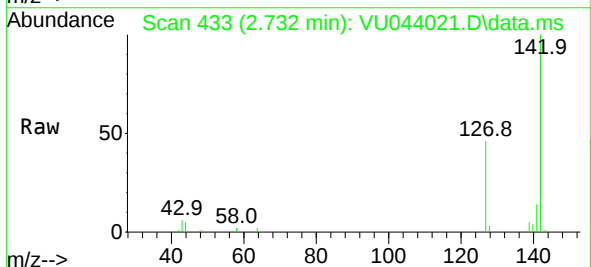
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

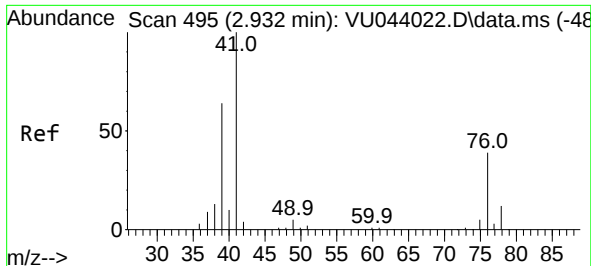
Tgt Ion: 96 Resp: 25724  
Ion Ratio Lower Upper  
96 100  
61 172.2 0.0 518.1  
98 63.5 0.0 126.8



#10  
Iodomethane  
Concen: 4.55 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 142 Resp: 34813  
Ion Ratio Lower Upper  
142 100  
127 46.6 37.0 55.4





#11

Allyl Chloride

Concen: 4.50 ug/l

RT: 2.935 min Scan# 496

Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Instrument :

MSVOA\_U

ClientSampleId :

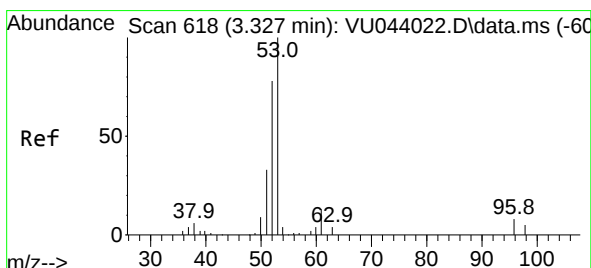
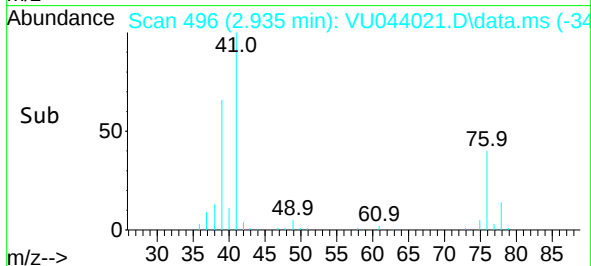
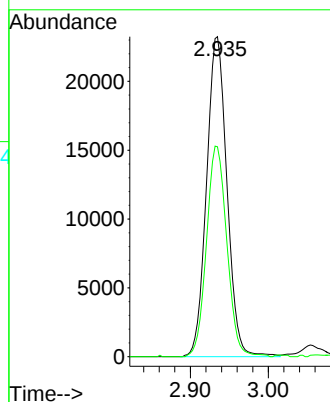
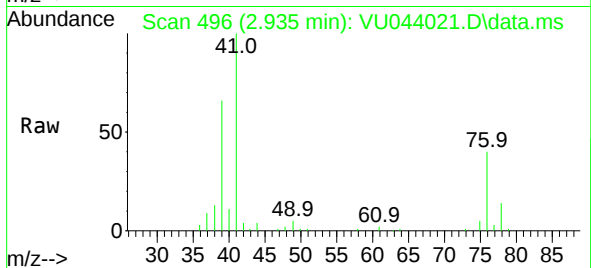
VSTDIC005

Tgt Ion: 41 Resp: 42320

Ion Ratio Lower Upper

41 100

39 65.7 51.8 77.8



#12

Acrylonitrile

Concen: 6.91 ug/l

RT: 3.333 min Scan# 620

Delta R.T. 0.006 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

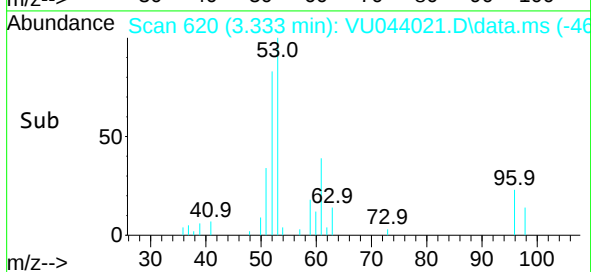
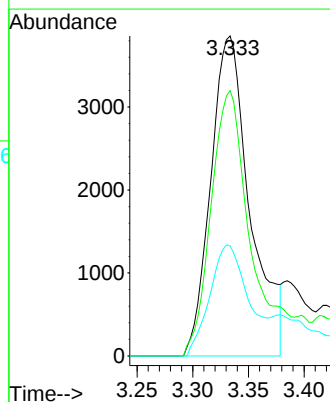
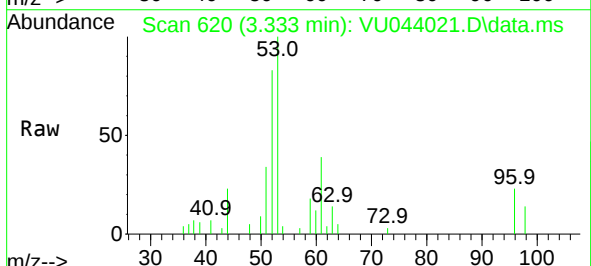
Tgt Ion: 53 Resp: 9449

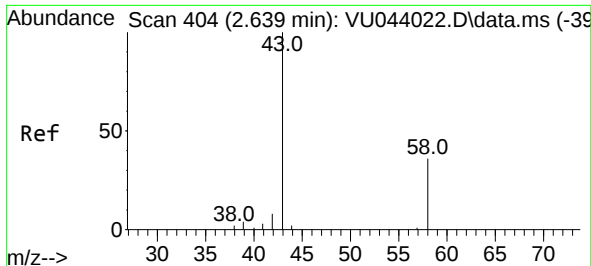
Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.2

51 34.7 27.0 40.4





#13

Acetone

Concen: 11.55 ug/l

RT: 2.639 min Scan# 404

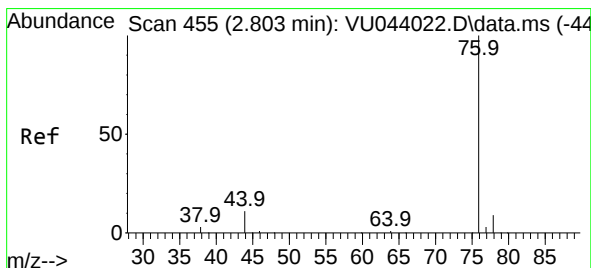
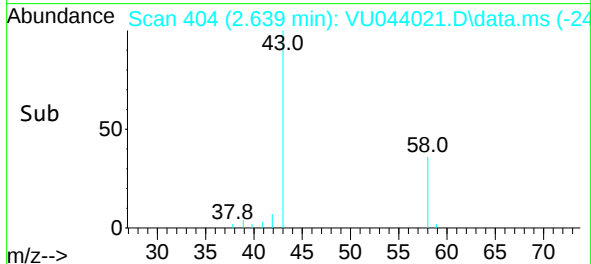
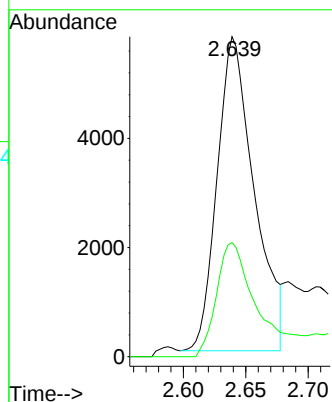
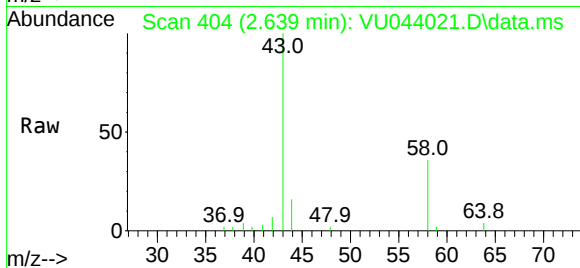
Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 43 Resp: 11921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 36.3  | 28.8  | 43.2  |



#14

Carbon Disulfide

Concen: 5.56 ug/l

RT: 2.803 min Scan# 455

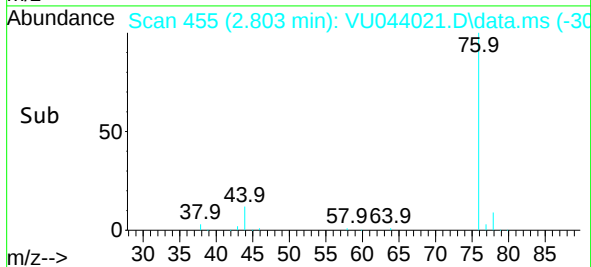
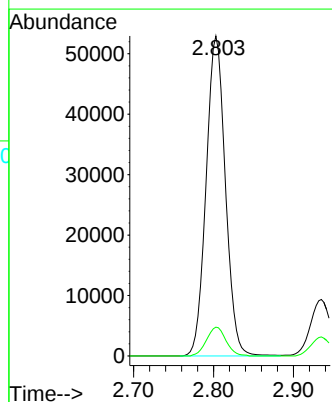
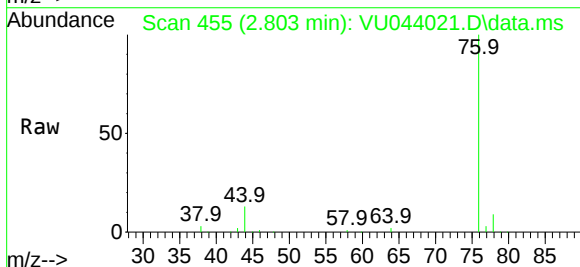
Delta R.T. -0.000 min

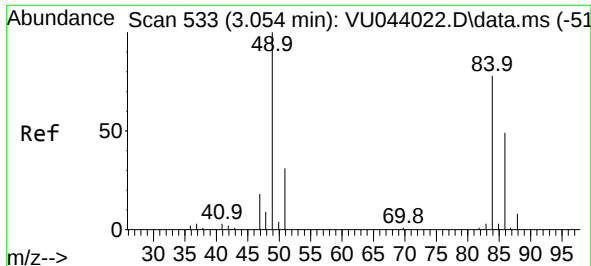
Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 76 Resp: 88847

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 9.0   | 7.3   | 10.9  |



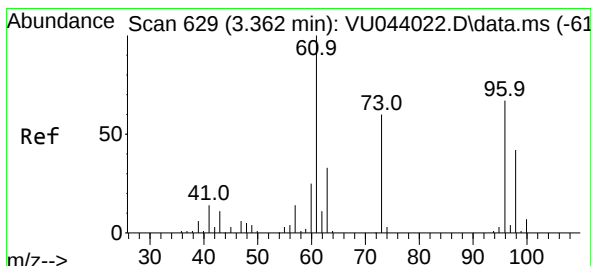
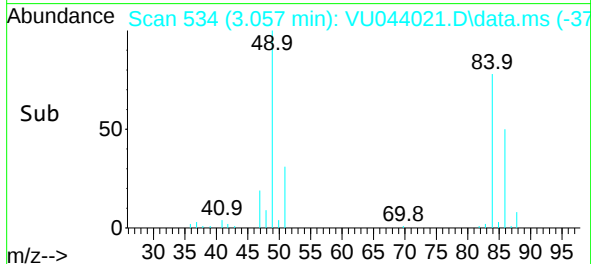
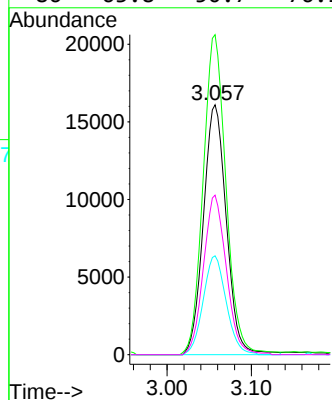
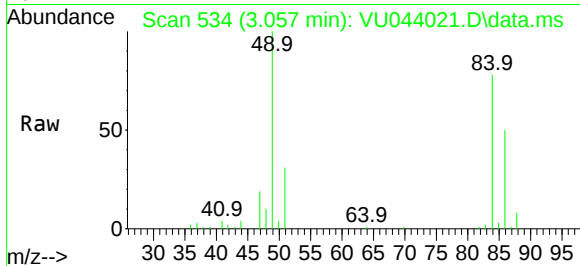


#15  
Methylene Chloride  
Concen: 5.01 ug/l  
RT: 3.057 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

Tgt Ion: 84 Resp: 30520

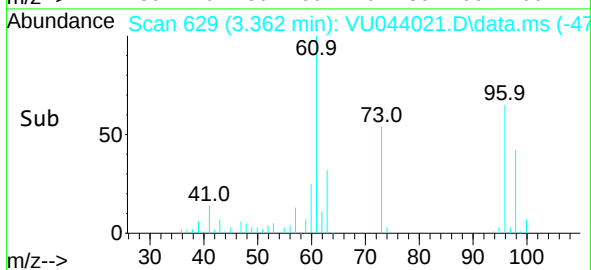
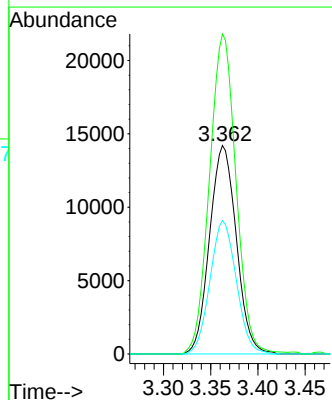
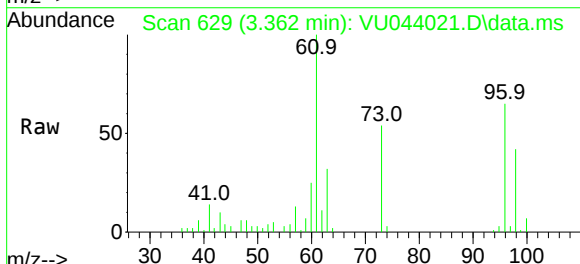
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 128.1 | 103.0 | 154.4 |
| 51  | 39.6  | 0.0   | 79.6  |
| 86  | 63.8  | 50.7  | 76.1  |

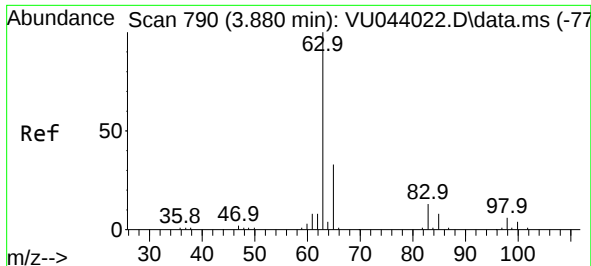


#16  
trans-1,2-Dichloroethene  
Concen: 5.15 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 96 Resp: 27948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 153.4 | 119.8 | 179.6 |
| 98  | 63.9  | 49.8  | 74.6  |





#17

1,1-Dichloroethane

Concen: 4.91 ug/l

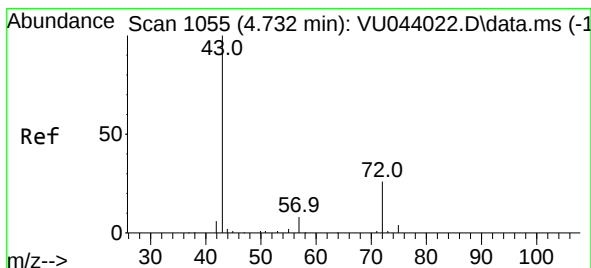
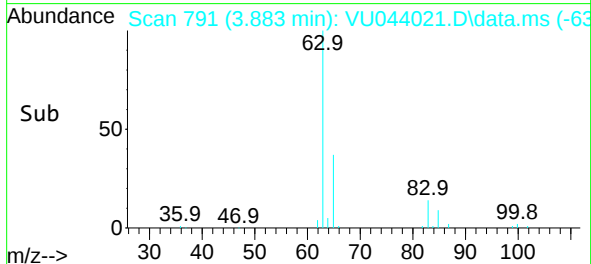
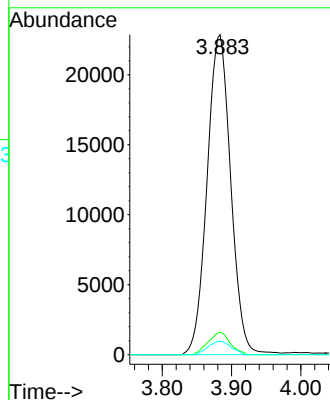
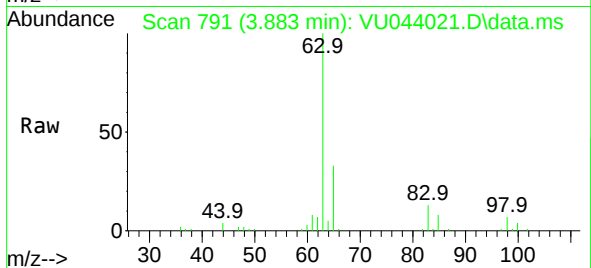
RT: 3.883 min Scan# 791

Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 54182 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.0   | 3.2   | 9.6   |
| 100       | 4.2   | 2.1   | 6.5   |



#18

2-Butanone

Concen: 14.76 ug/l

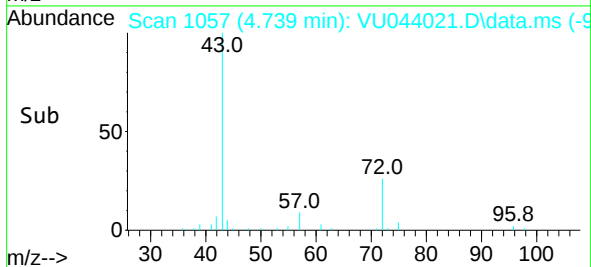
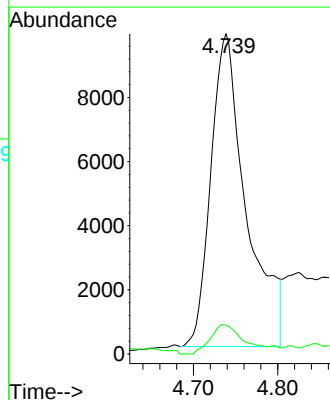
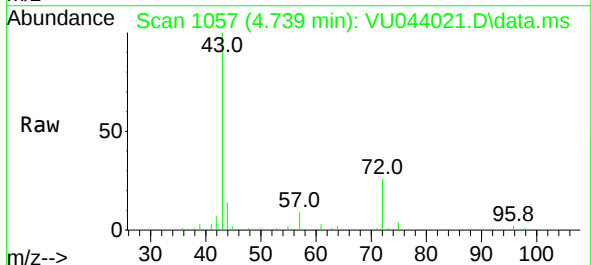
RT: 4.739 min Scan# 1057

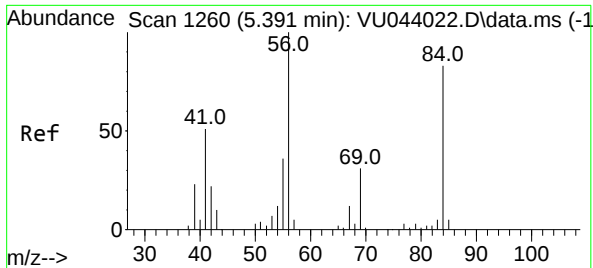
Delta R.T. 0.006 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 28389 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 9.3   | 0.0   | 15.8  |





#19

Cyclohexane

Concen: 5.04 ug/l

RT: 5.391 min Scan# 1260

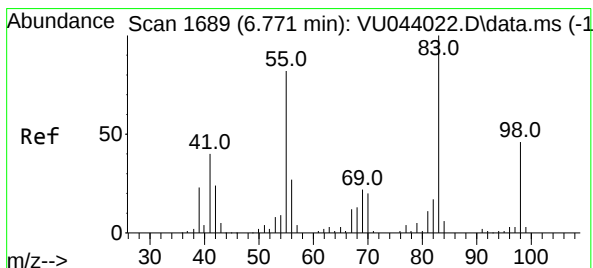
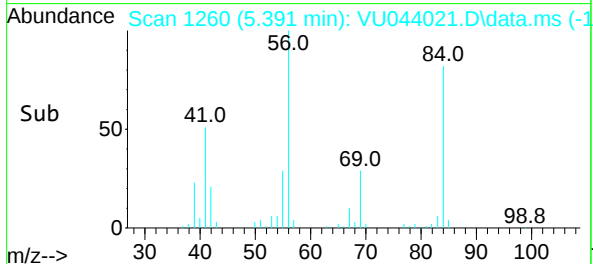
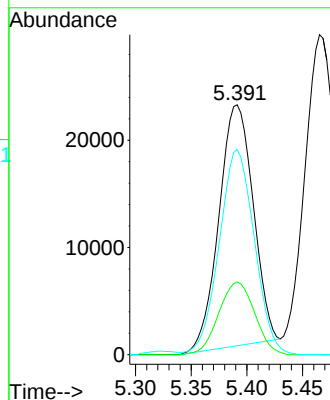
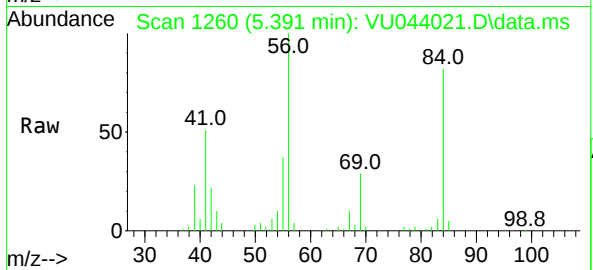
Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 48164 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 31.7  | 24.2  | 36.2  |
| 84        | 86.2  | 66.3  | 99.5  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005



#20

Methylcyclohexane

Concen: 5.12 ug/l

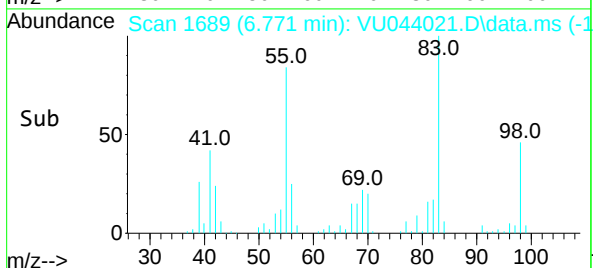
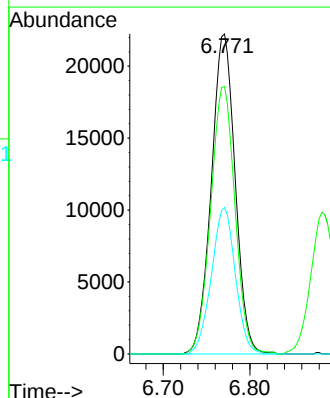
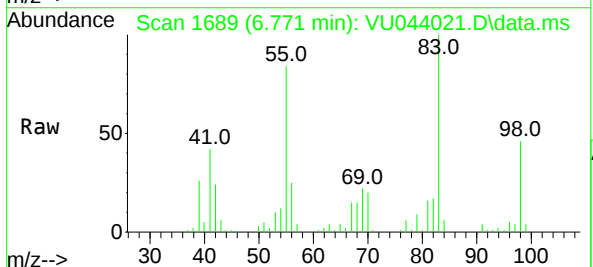
RT: 6.771 min Scan# 1689

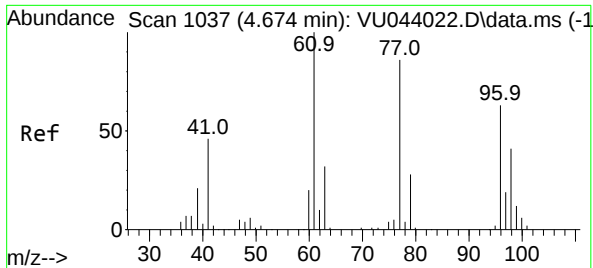
Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 42535 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 85.6  | 65.7  | 98.5  |
| 98        | 45.9  | 37.4  | 56.2  |





#21

2,2-Dichloropropane

Concen: 4.37 ug/l

RT: 4.677 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU044021.D

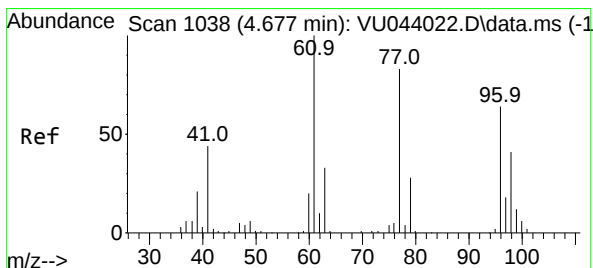
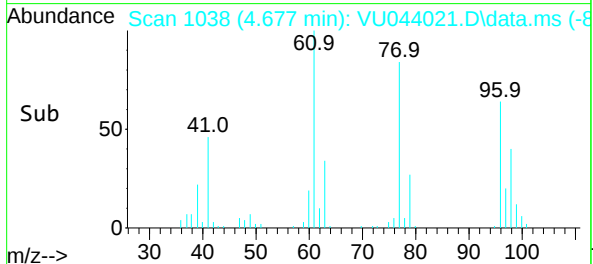
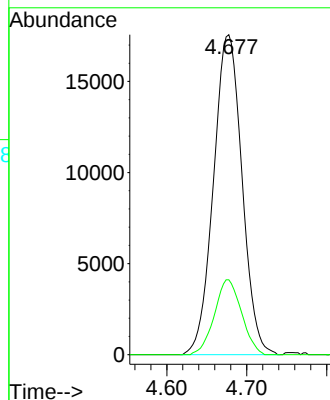
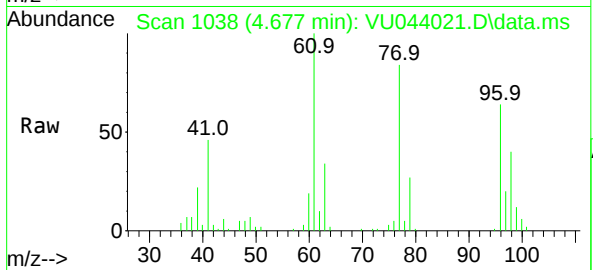
Acq: 02 Jun 2021 11:55

Tgt Ion: 77 Resp: 43520

Ion Ratio Lower Upper

77 100

97 22.2 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 4.93 ug/l

RT: 4.677 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

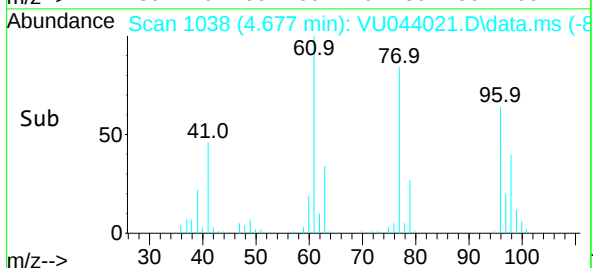
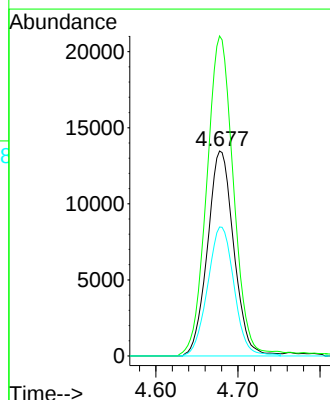
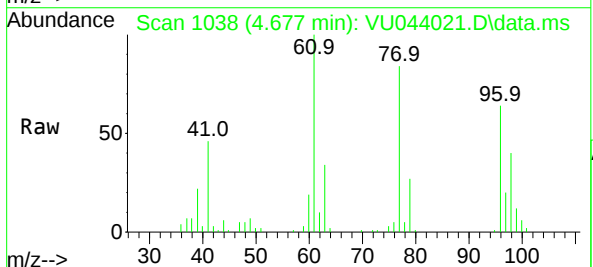
Tgt Ion: 96 Resp: 30035

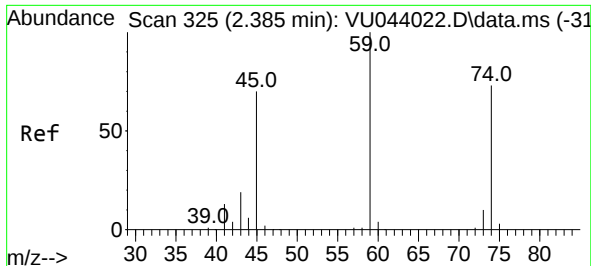
Ion Ratio Lower Upper

96 100

61 158.1 0.0 399.5

98 63.3 32.2 96.6

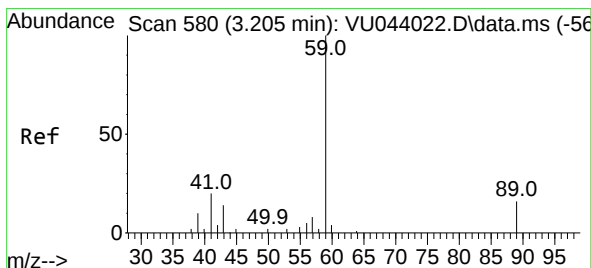
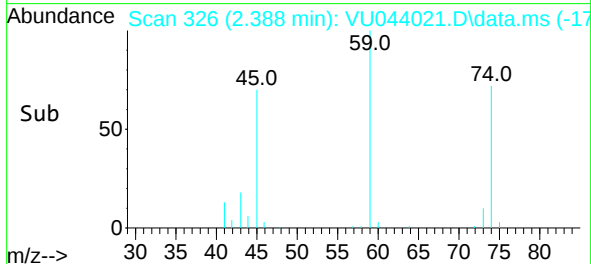
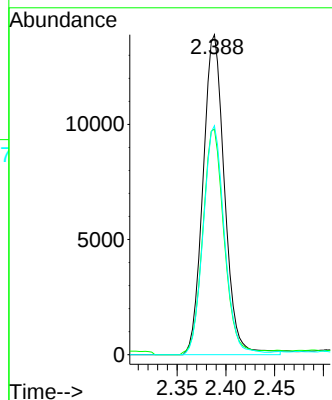
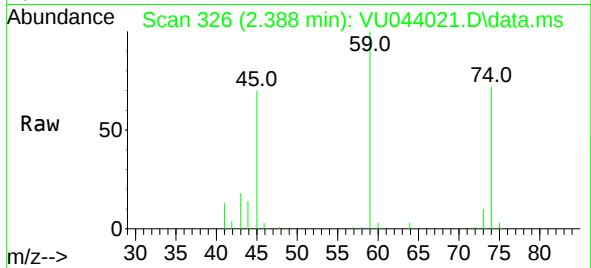




#23  
Diethyl Ether  
Concen: 5.06 ug/l  
RT: 2.388 min Scan# 326  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

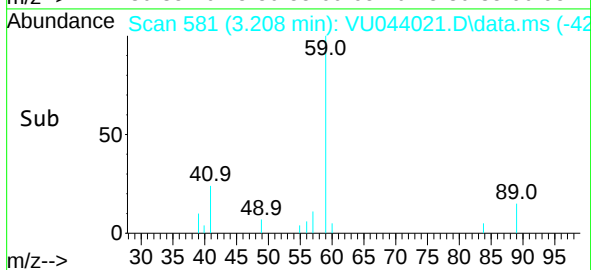
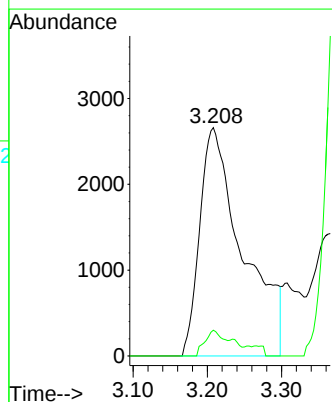
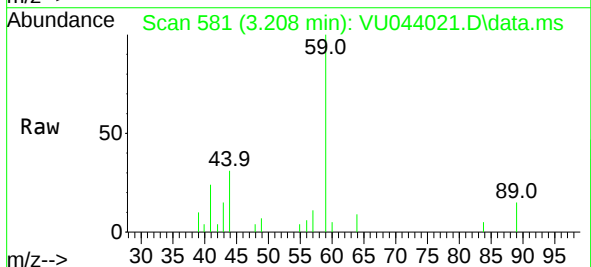
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

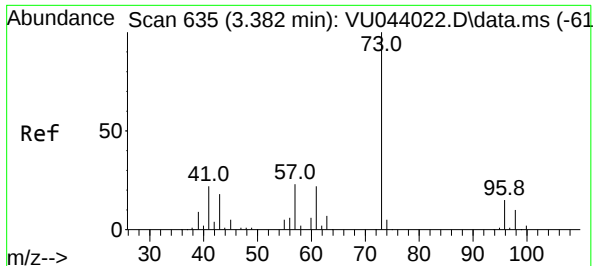
Tgt Ion: 59 Resp: 21306  
Ion Ratio Lower Upper  
59 100  
45 70.1 55.5 83.3  
74 70.8 58.8 88.2



#24  
tert-Butyl Alcohol  
Concen: 38.87 ug/l  
RT: 3.208 min Scan# 581  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 59 Resp: 10666  
Ion Ratio Lower Upper  
59 100  
57 4.8 6.6 9.8#

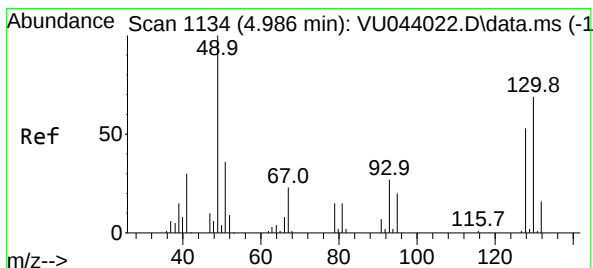
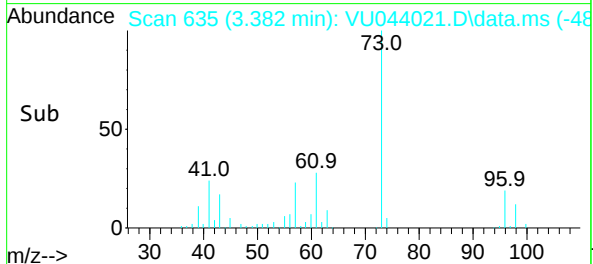
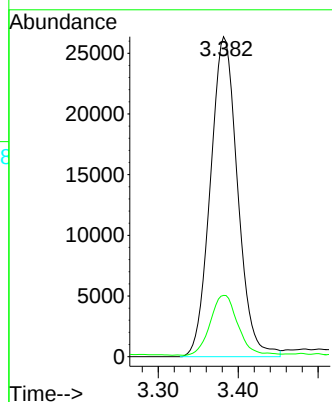
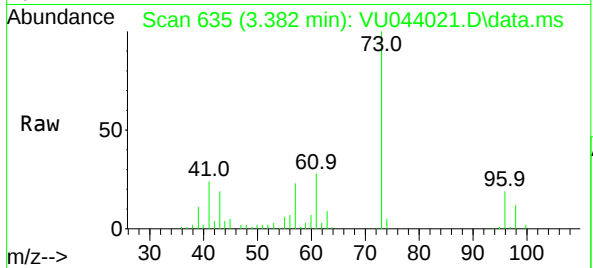




#25  
Methyl tert-Butyl Ether  
Concen: 4.31 ug/l  
RT: 3.382 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

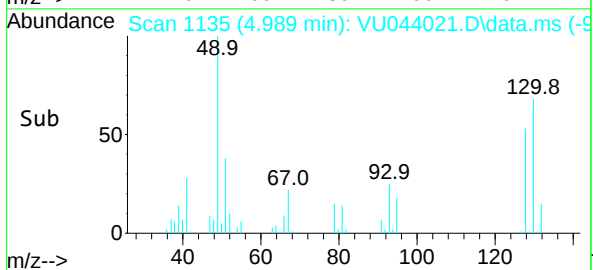
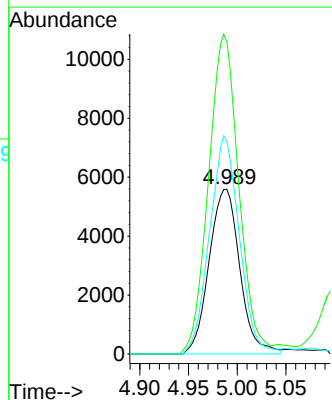
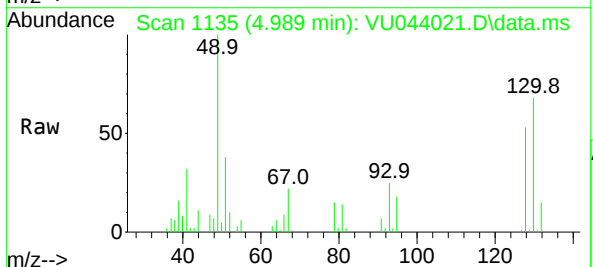
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

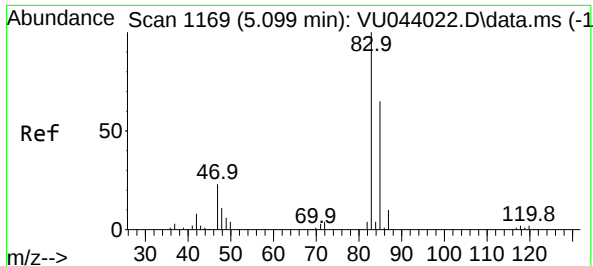
Tgt Ion: 73 Resp: 62465  
Ion Ratio Lower Upper  
73 100  
43 18.9 14.1 21.1



#26  
Bromochloromethane  
Concen: 4.32 ug/l  
RT: 4.989 min Scan# 1135  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 128 Resp: 12236  
Ion Ratio Lower Upper  
128 100  
49 191.1 0.0 388.6  
130 128.2 104.2 156.4



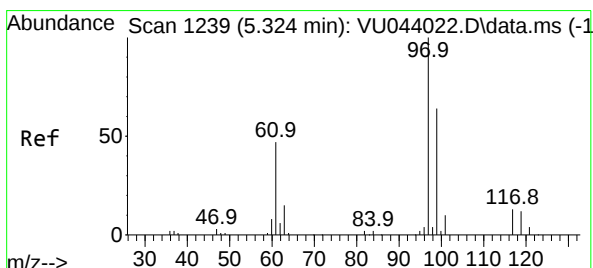
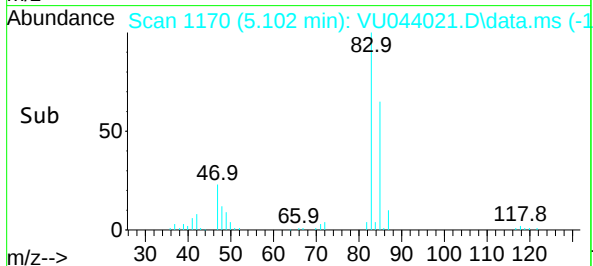
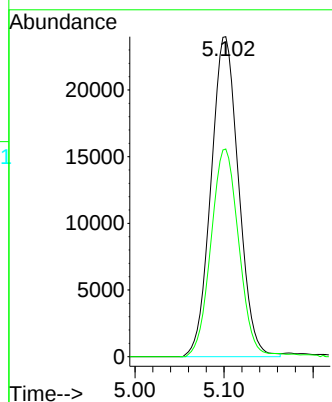
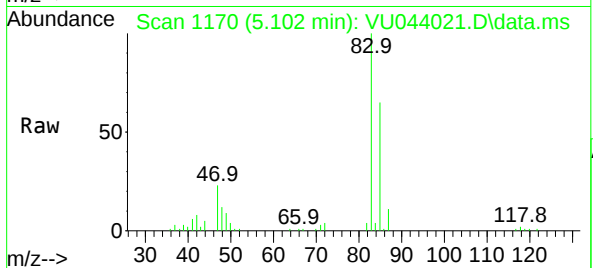


#27

Chloroform  
Concen: 4.53 ug/l  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

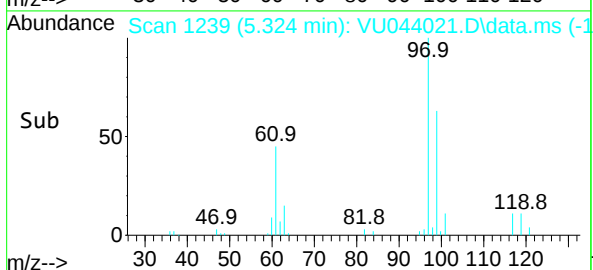
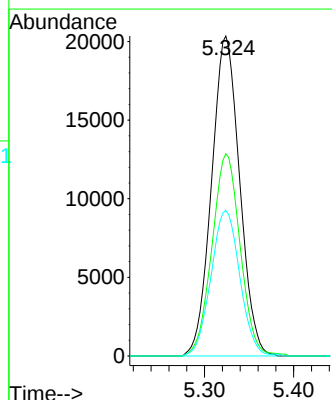
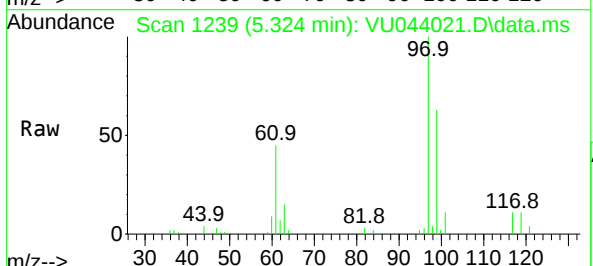
Tgt Ion: 83 Resp: 51654  
Ion Ratio Lower Upper  
83 100  
85 64.9 0.0 129.2

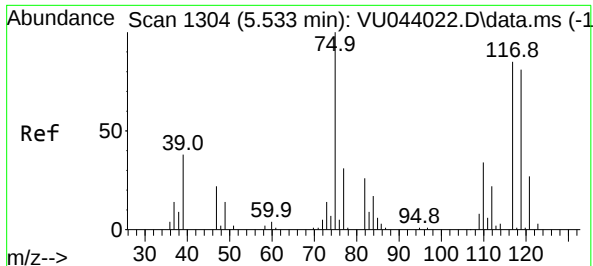


#28

1,1,1-Trichloroethane  
Concen: 4.34 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 97 Resp: 44536  
Ion Ratio Lower Upper  
97 100  
99 63.6 32.3 96.9  
61 46.7 23.5 70.6





#29

1,1-Dichloropropene

Concen: 5.42 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 75 Resp: 40681

Ion Ratio Lower Upper

75 100

110 33.9 16.7 50.1

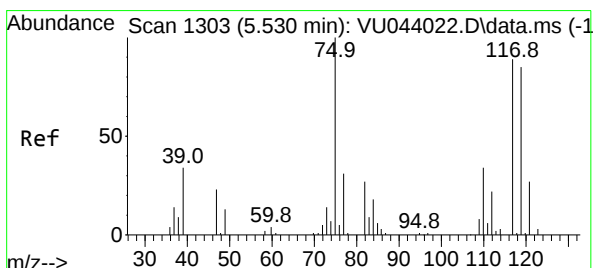
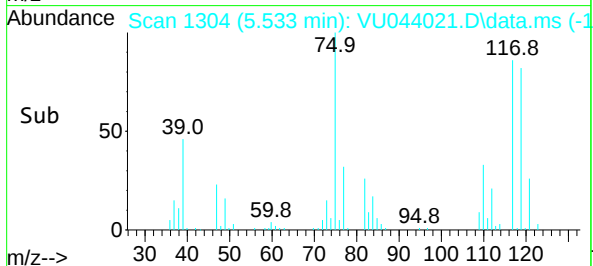
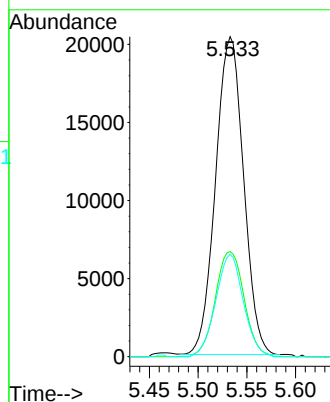
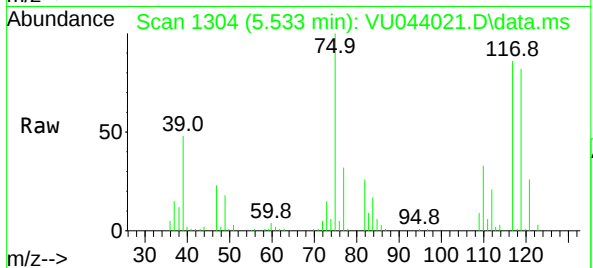
77 31.8 25.3 37.9

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005



#30

Carbon Tetrachloride

Concen: 4.89 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

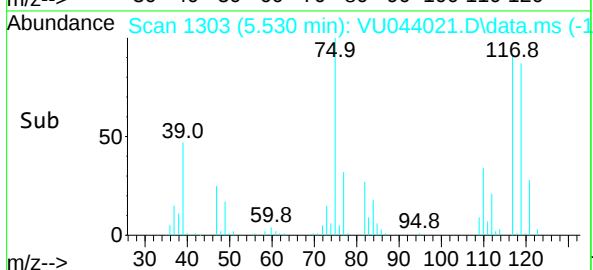
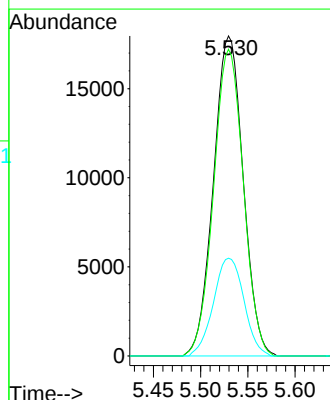
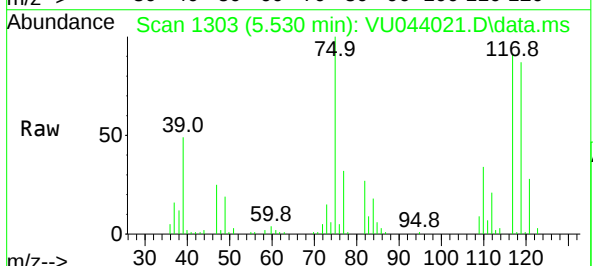
Tgt Ion: 117 Resp: 39308

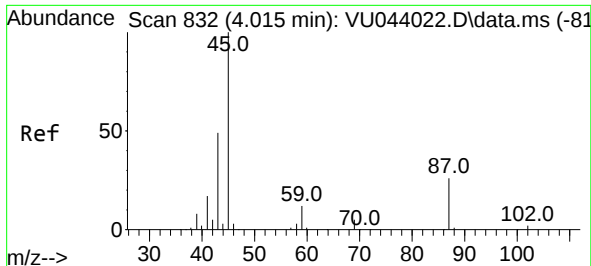
Ion Ratio Lower Upper

117 100

119 95.9 76.4 114.6

121 30.6 24.2 36.4

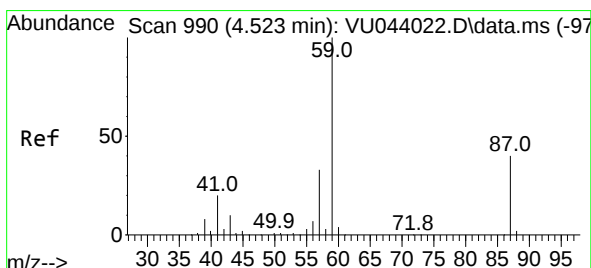
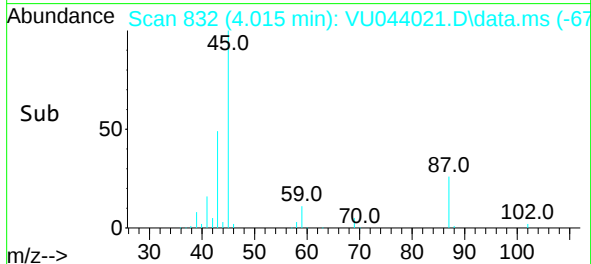
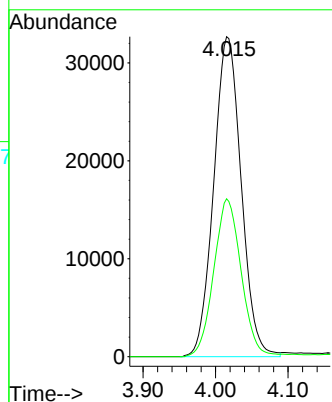
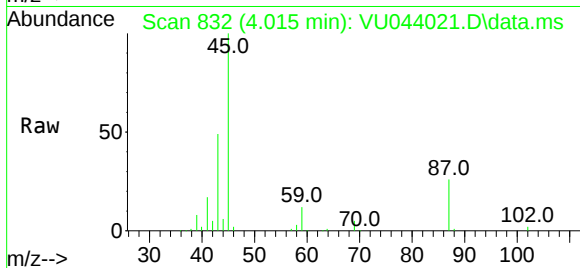




#31  
Isopropyl Ether  
Concen: 4.43 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

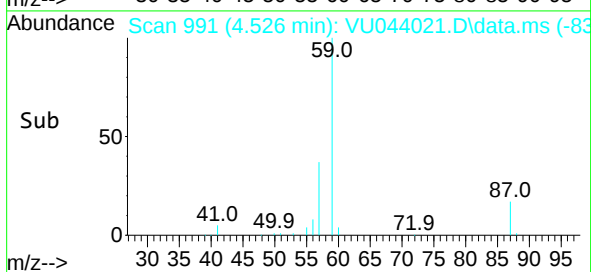
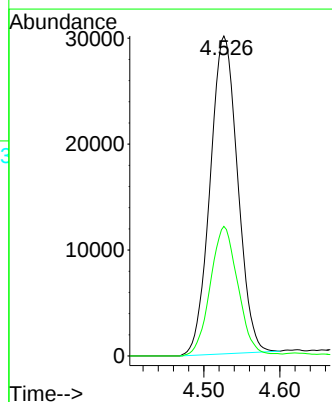
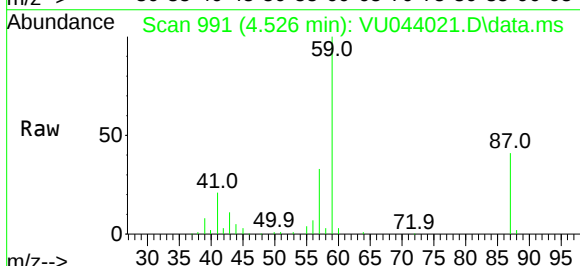
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

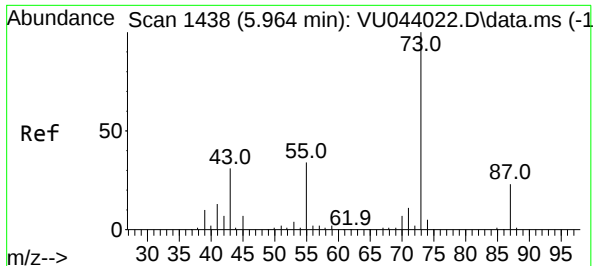
Tgt Ion: 45 Resp: 86029  
Ion Ratio Lower Upper  
45 100  
43 49.3 24.4 73.4



#32  
Ethyl-t-butyl ether  
Concen: 4.35 ug/l  
RT: 4.526 min Scan# 991  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 59 Resp: 75372  
Ion Ratio Lower Upper  
59 100  
87 40.3 30.8 46.2

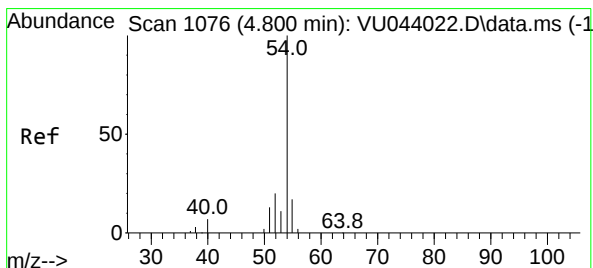
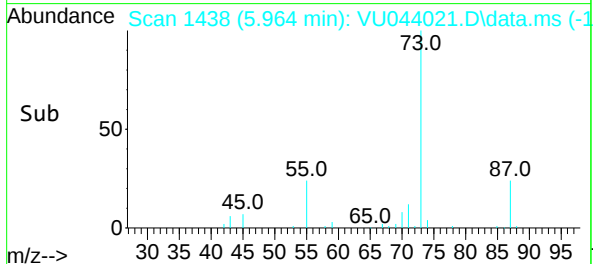
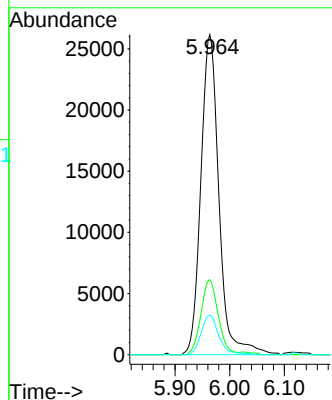
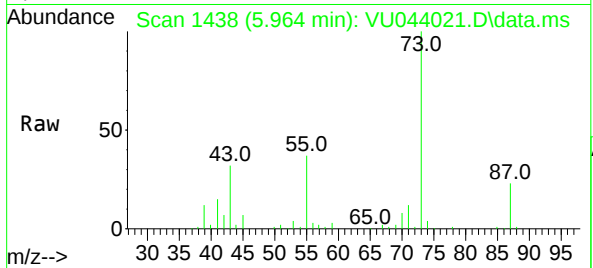




#33  
Tert-Amyl methyl ether  
Concen: 4.72 ug/l  
RT: 5.964 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

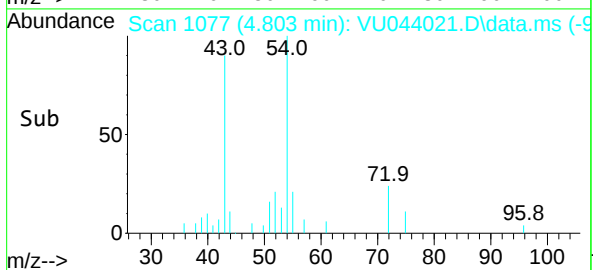
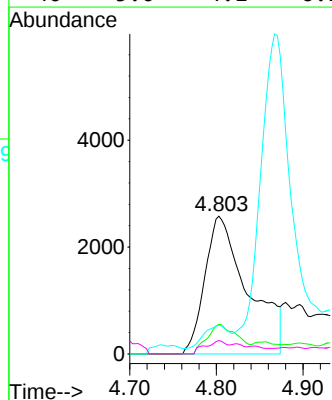
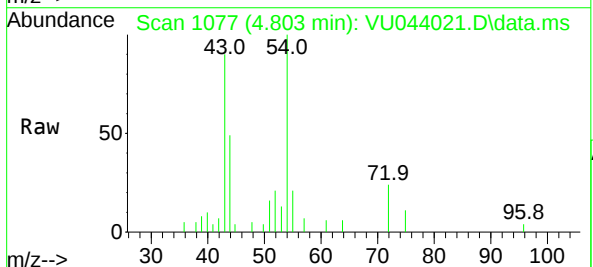
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

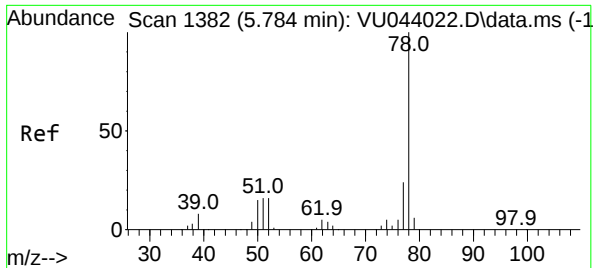
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 59977 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 21.5     | 19.0 28.4   |
| 71 12.0     | 9.3 13.9    |



#34  
Propionitrile  
Concen: 20.97 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 8869  |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 15.0     | 15.0 22.4   |
| 55 9.9      | 13.4 20.2#  |
| 40 5.0      | 4.1 6.1     |

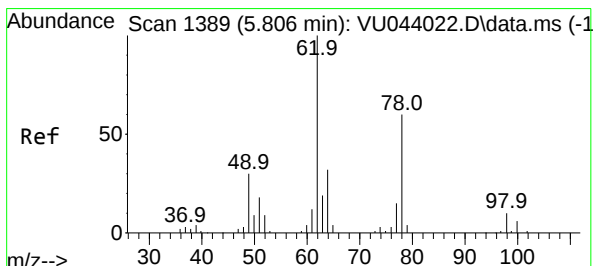
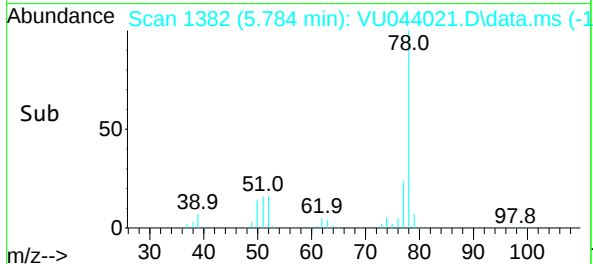
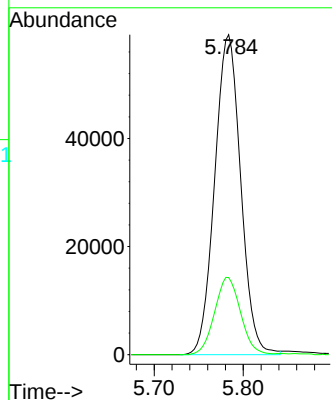
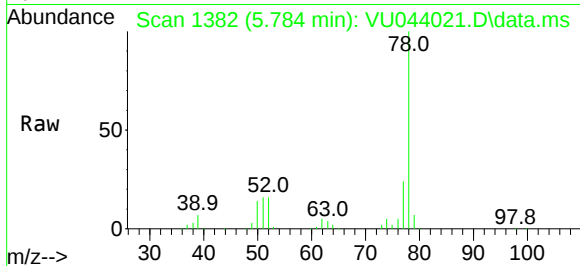




#35  
Benzene  
Concen: 5.65 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

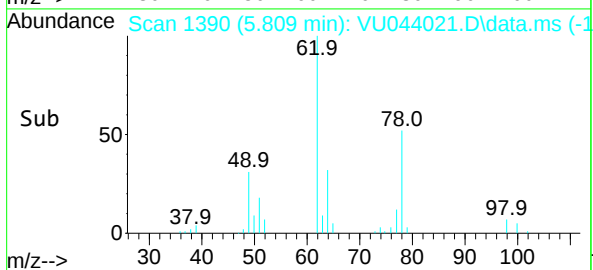
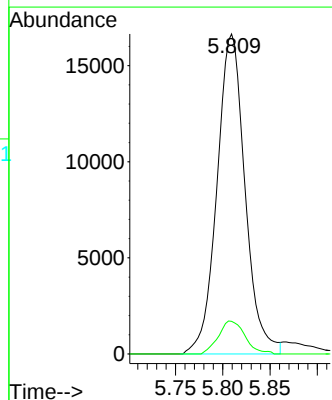
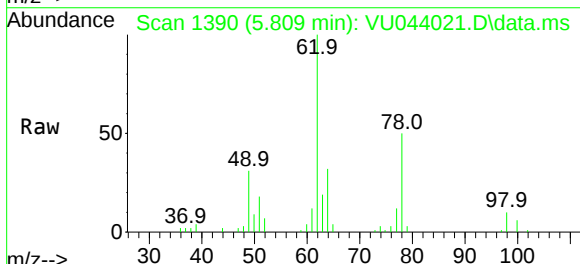
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

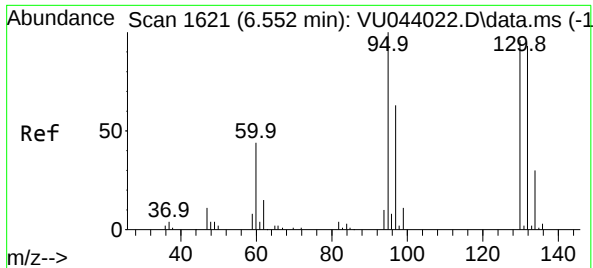
Tgt Ion: 78 Resp: 120190  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.0 28.6



#36  
1,2-Dichloroethane  
Concen: 4.36 ug/l  
RT: 5.809 min Scan# 1390  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 62 Resp: 34370  
Ion Ratio Lower Upper  
62 100  
98 9.8 7.5 11.3





#37

Trichloroethene

Concen: 5.05 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU044021.D

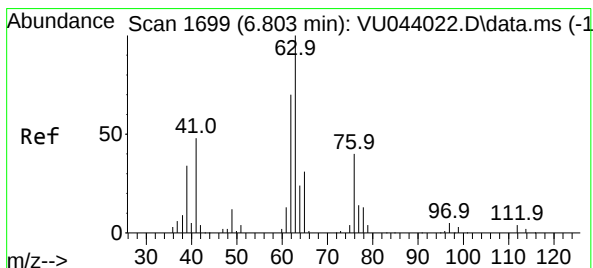
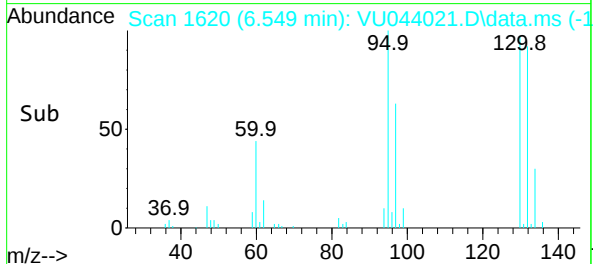
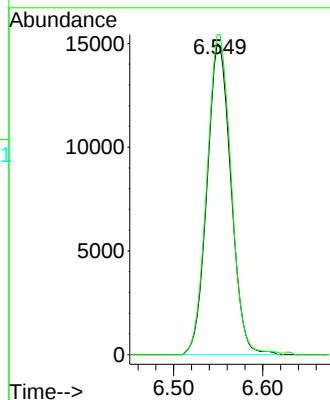
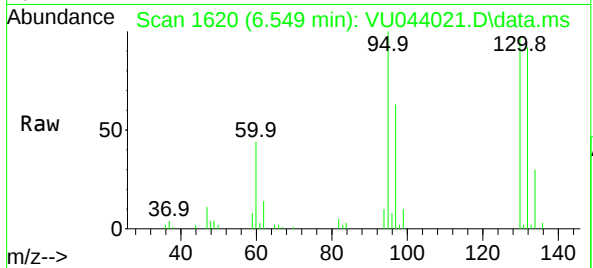
Acq: 02 Jun 2021 11:55

Tgt Ion:130 Resp: 27951

Ion Ratio Lower Upper

130 100

95 102.7 83.1 124.7



#38

1,2-Dichloropropane

Concen: 5.45 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU044021.D

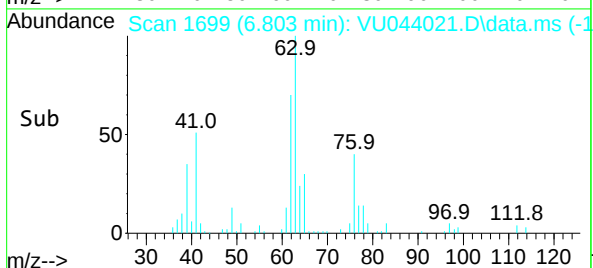
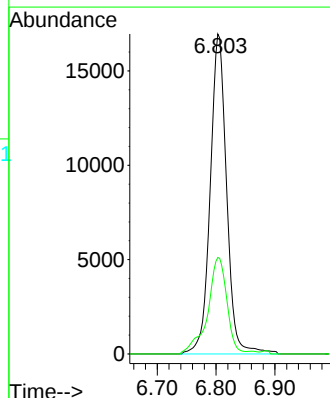
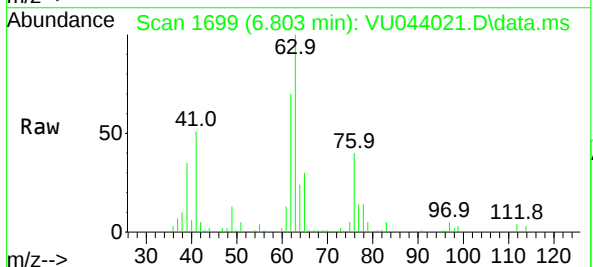
Acq: 02 Jun 2021 11:55

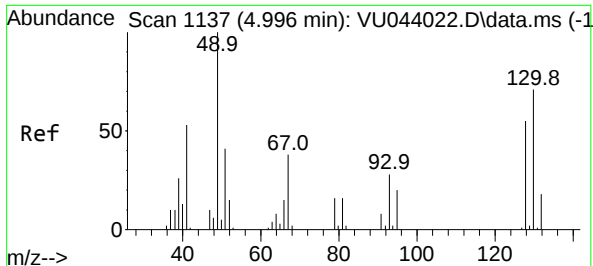
Tgt Ion: 63 Resp: 32928

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1





#39

Methacrylonitrile

Concen: 3.42 ug/l

RT: 4.996 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 41 Resp: 9315

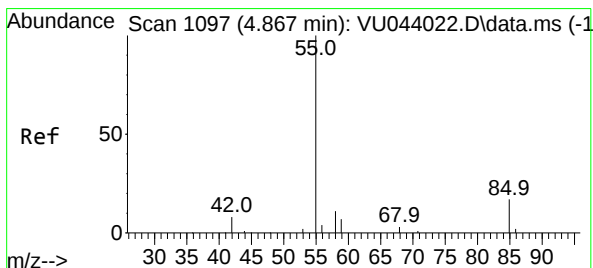
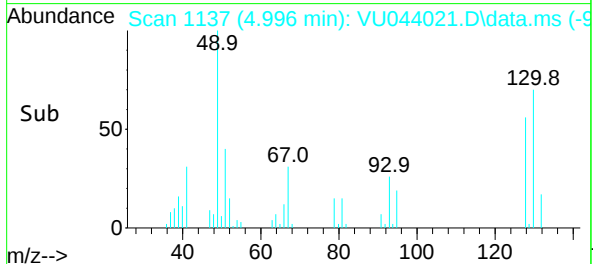
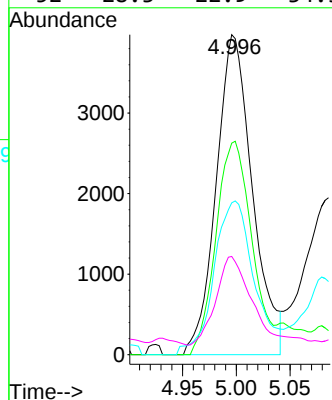
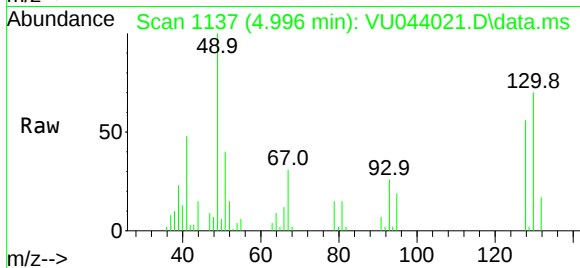
Ion Ratio Lower Upper

41 100

67 66.5 59.1 88.7

39 53.4 41.4 62.2

52 28.3 22.9 34.3



#40

Methyl acrylate

Concen: 3.57 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 55 Resp: 13051

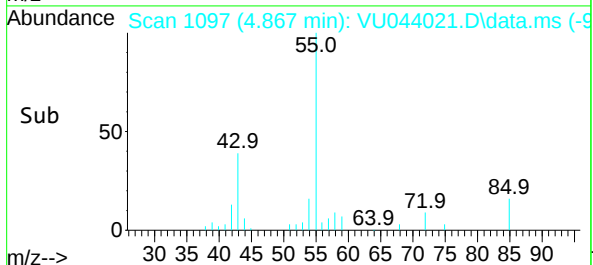
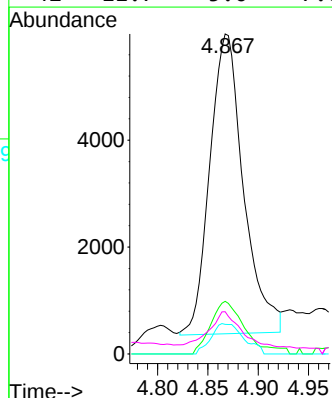
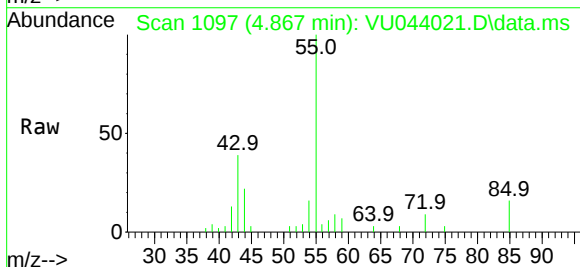
Ion Ratio Lower Upper

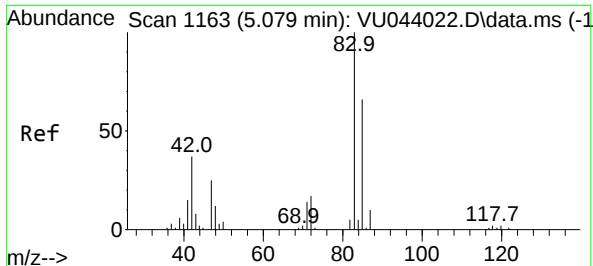
55 100

85 17.9 11.0 16.4#

58 9.7 6.2 9.2#

42 11.7 5.0 7.6#





#41

Tetrahydrofuran

Concen: 5.82 ug/l

RT: 5.083 min Scan# 1164

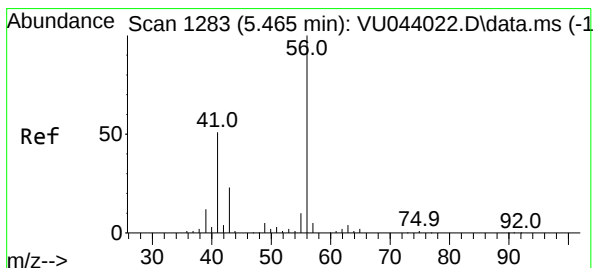
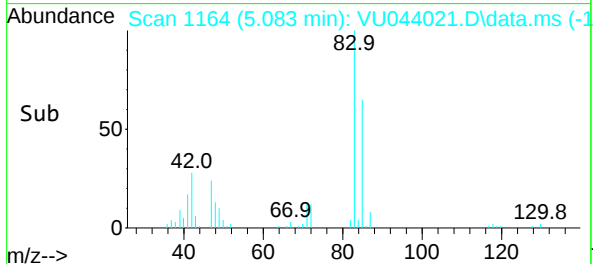
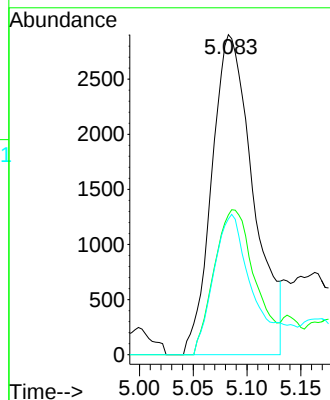
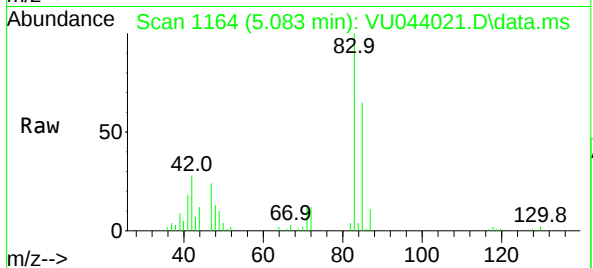
Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 7804  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 44.5  | 37.4  | 56.0  |
| 71       | 43.4  | 30.4  | 45.6  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005



#42

1-Chlorobutane

Concen: 5.41 ug/l

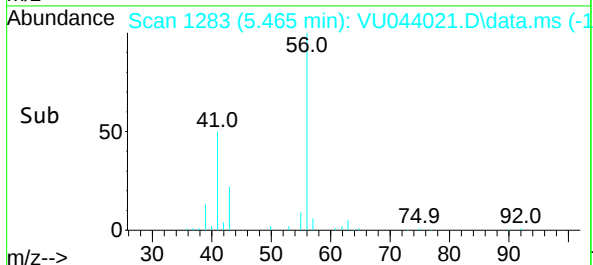
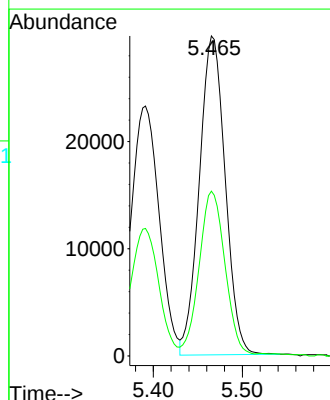
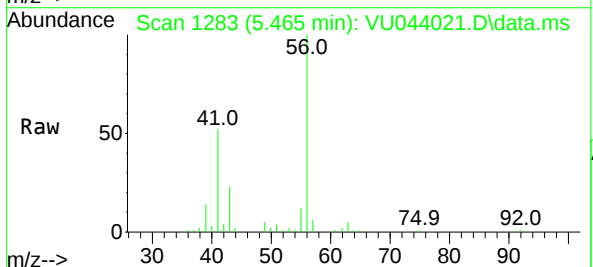
RT: 5.465 min Scan# 1283

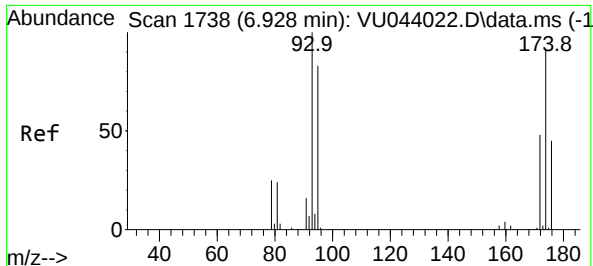
Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 60006 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 50.7  | 25.9  | 77.7  |

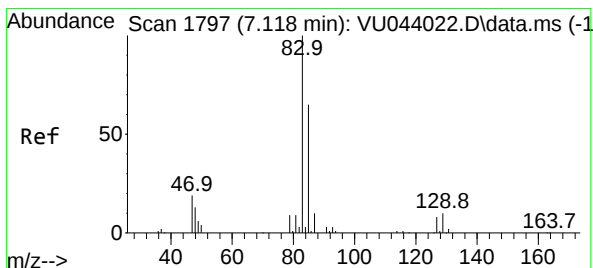
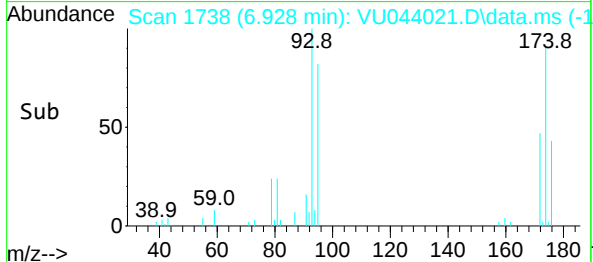
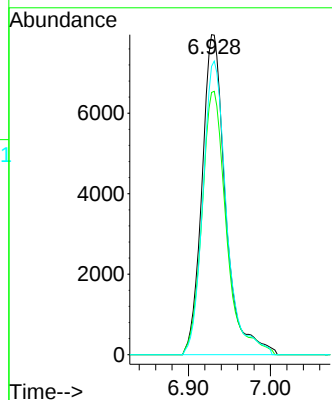
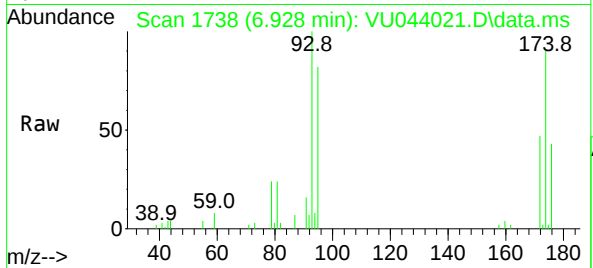




#43  
Dibromomethane  
Concen: 4.95 ug/l  
RT: 6.928 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

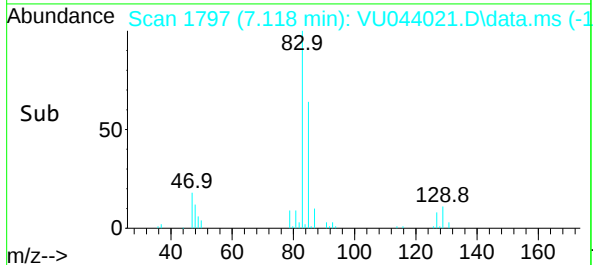
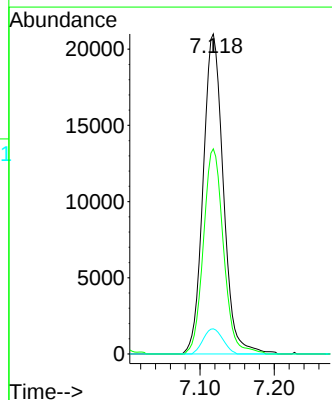
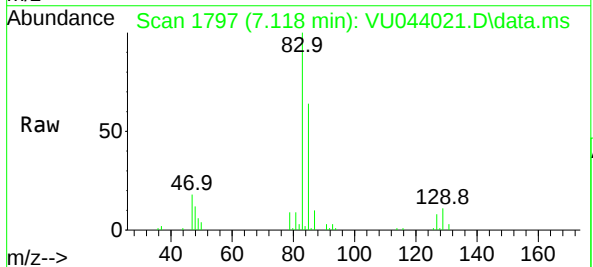
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

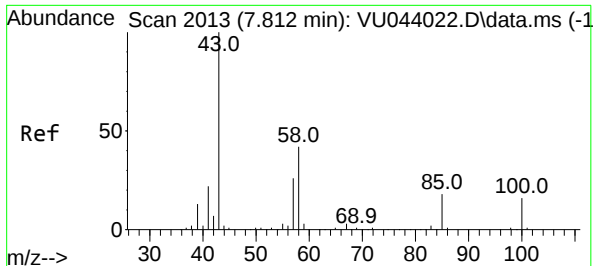
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 15863 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 84.8  | 66.6  | 100.0 |
| 174      | 91.9  | 74.2  | 111.4 |



#44  
Bromodichloromethane  
Concen: 5.20 ug/l  
RT: 7.118 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 39621 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 52.1  | 78.1  |
| 127      | 7.9   | 6.6   | 9.8   |





#45

4-Methyl-2-Pentanone

Concen: 19.00 ug/l

RT: 7.816 min Scan# 2014

Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

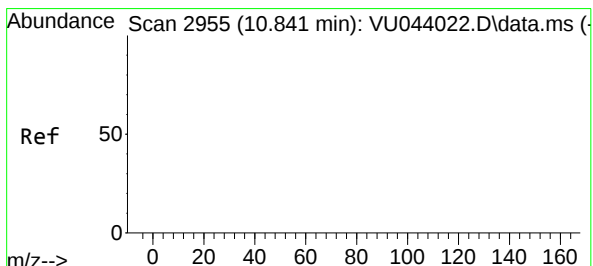
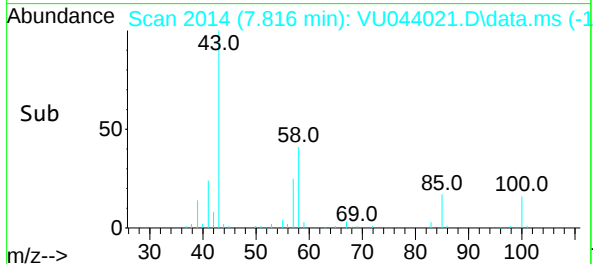
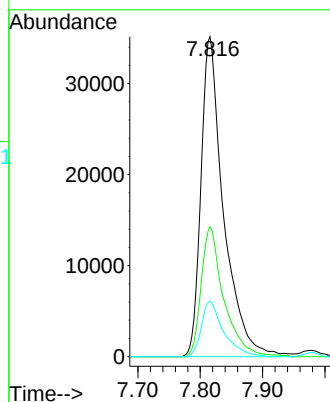
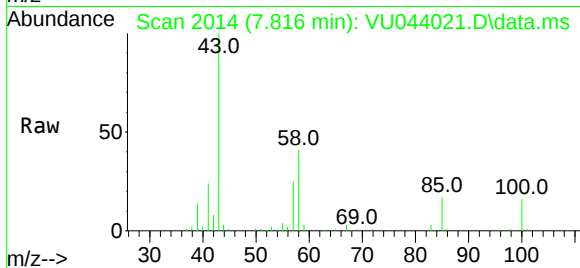
Tgt Ion: 43 Resp: 88243

Ion Ratio Lower Upper

43 100

58 40.7 20.9 62.7

85 17.1 14.3 21.5



#46

t-1,4-Dichloro-2-butene

Concen: 24.00 ug/l

RT: 10.835 min Scan# 2953

Delta R.T. -0.006 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 75 Resp: 36552

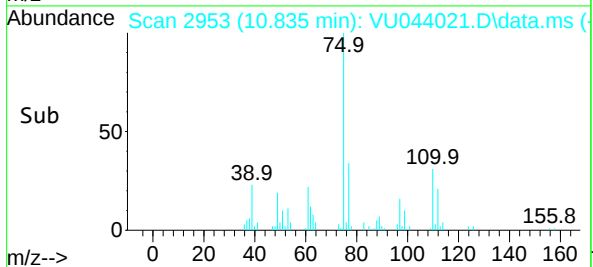
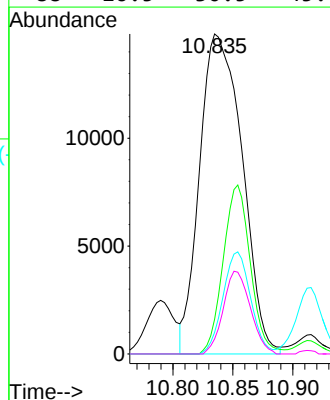
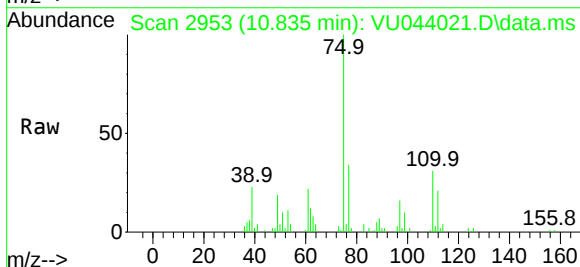
Ion Ratio Lower Upper

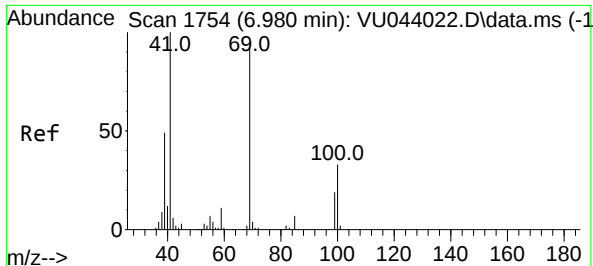
75 100

53 33.8 62.1 93.1#

89 20.7 39.4 59.2#

88 16.5 30.5 45.7#





#47

Methyl methacrylate

Concen: 9.81 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion: 69 Resp: 27812

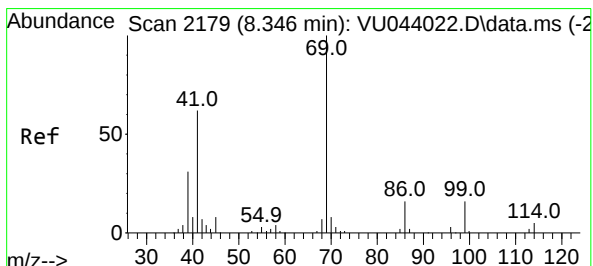
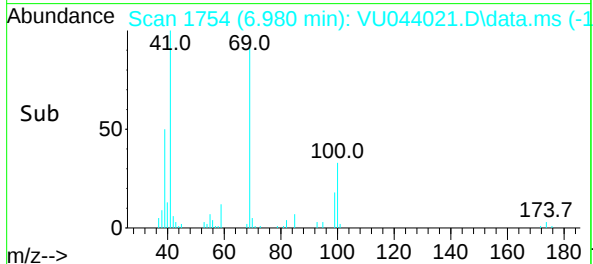
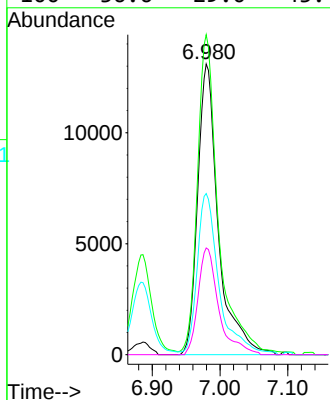
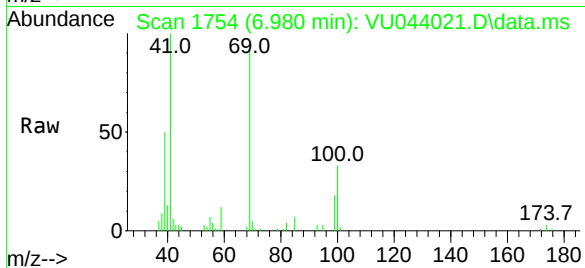
Ion Ratio Lower Upper

69 100

41 109.0 0.0 214.0

39 58.8 43.4 65.2

100 36.6 29.0 43.4



#48

Ethyl methacrylate

Concen: 4.50 ug/l

RT: 8.349 min Scan# 2180

Delta R.T. 0.003 min

Lab File: VU044021.D

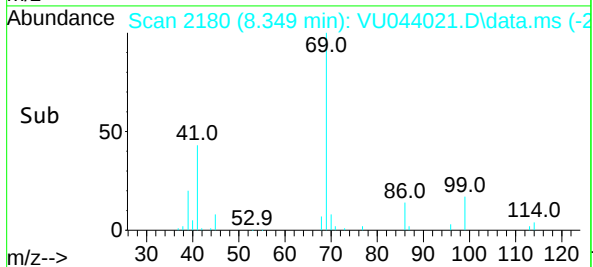
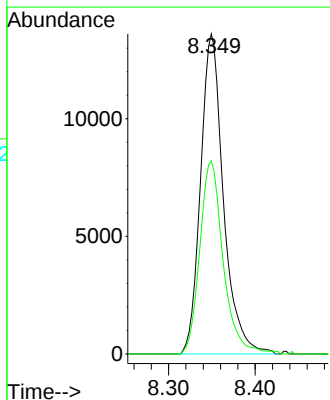
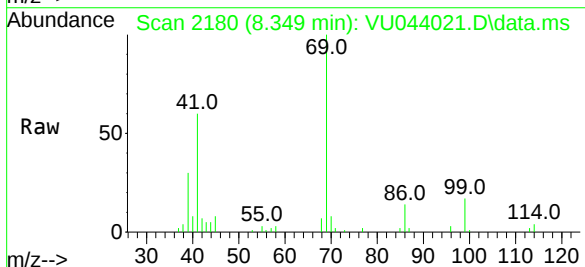
Acq: 02 Jun 2021 11:55

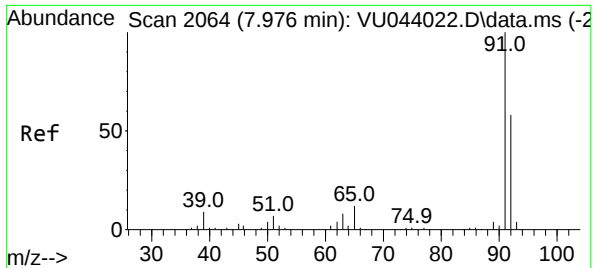
Tgt Ion: 69 Resp: 24976

Ion Ratio Lower Upper

69 100

41 61.6 31.4 94.0

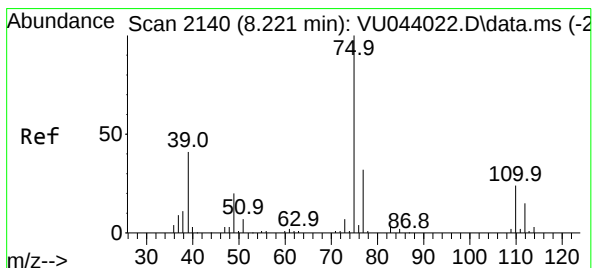
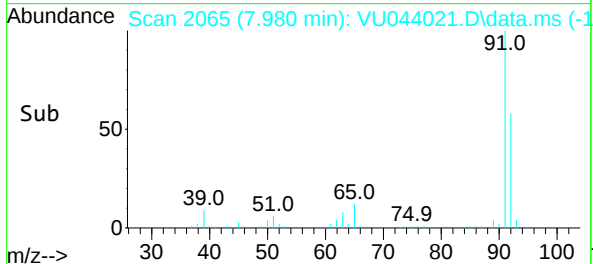
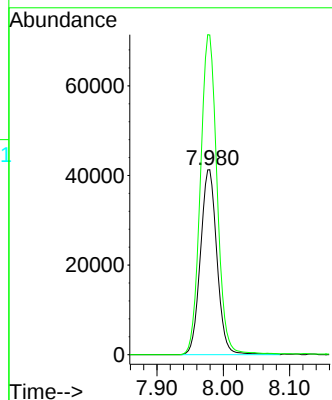
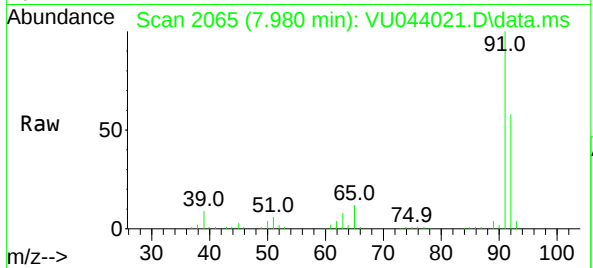




#49  
Toluene  
Concen: 5.49 ug/l  
RT: 7.980 min Scan# 2065  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

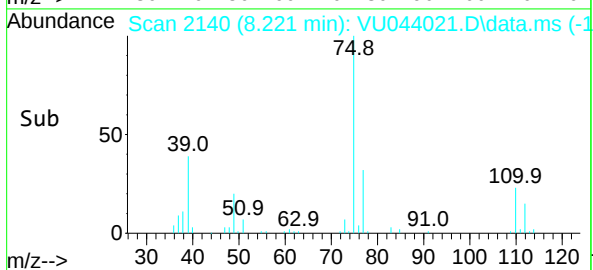
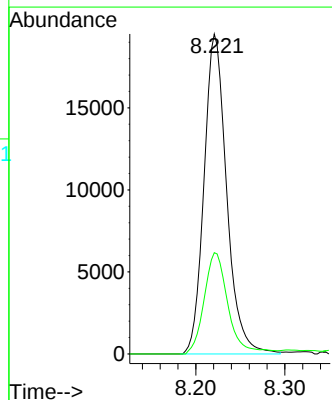
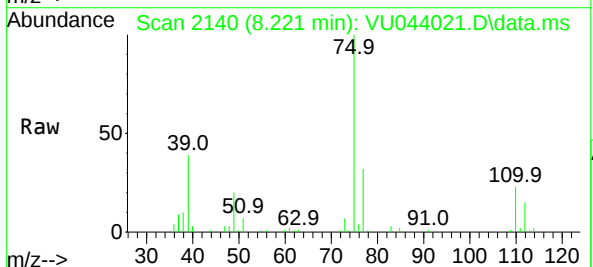
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

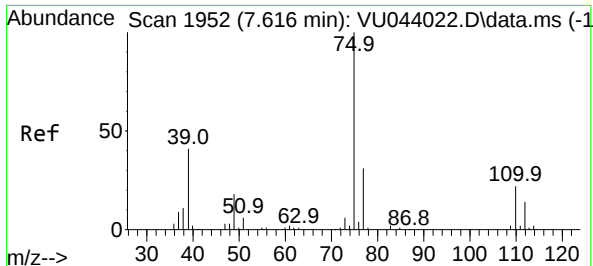
Tgt Ion: 92 Resp: 71349  
Ion Ratio Lower Upper  
92 100  
91 175.7 138.0 207.0



#50  
t-1,3-Dichloropropene  
Concen: 5.07 ug/l  
RT: 8.221 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 75 Resp: 34405  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.8 38.8

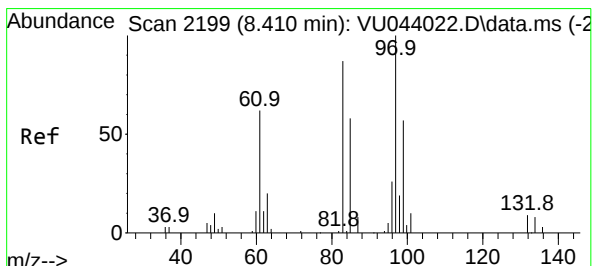
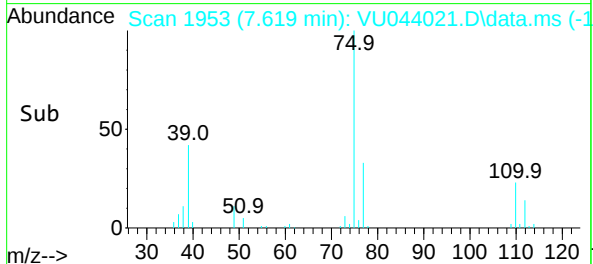
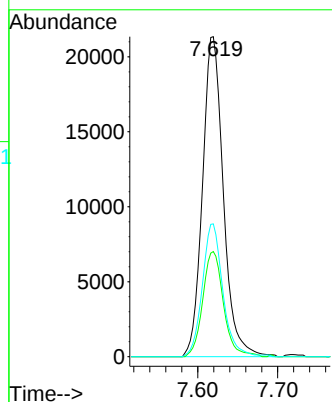
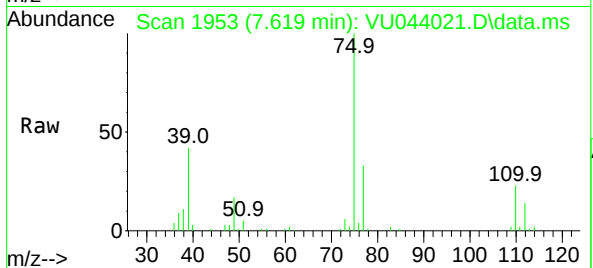




#51  
 cis-1,3-Dichloropropene  
 Concen: 5.07 ug/l  
 RT: 7.619 min Scan# 1953  
 Delta R.T. 0.003 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

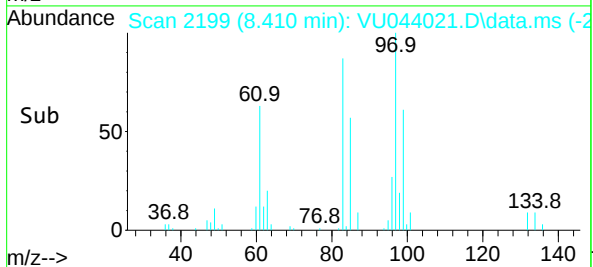
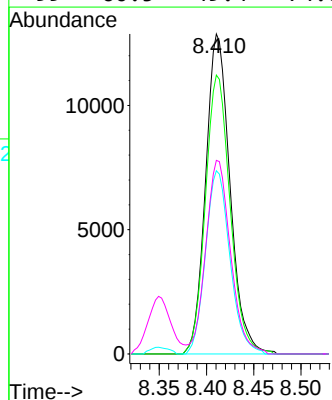
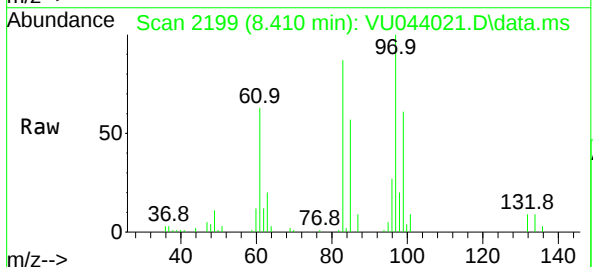
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

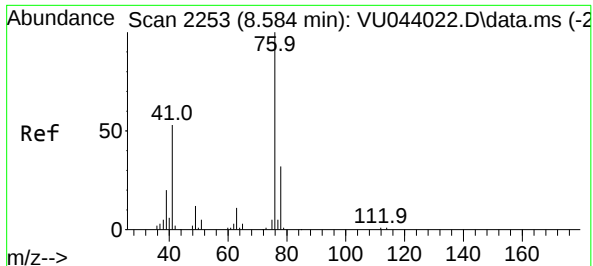
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 38793 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.9  | 25.0  | 37.6  |
| 39       | 41.5  | 32.6  | 49.0  |



#52  
 1,1,2-Trichloroethane  
 Concen: 5.14 ug/l  
 RT: 8.410 min Scan# 2199  
 Delta R.T. -0.000 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 23110 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.1  | 69.6  | 104.4 |
| 85       | 57.2  | 46.5  | 69.7  |
| 99       | 60.5  | 49.4  | 74.0  |





#53

1,3-Dichloropropane

Concen: 5.18 ug/l

RT: 8.587 min Scan# 2254

Delta R.T. 0.003 min

Lab File: VU044021.D

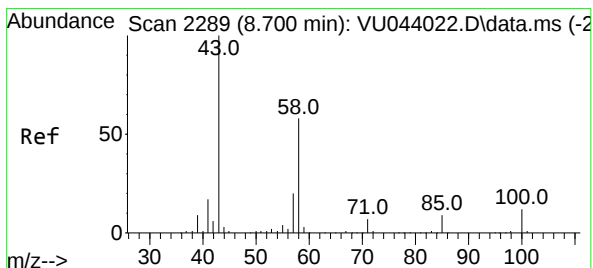
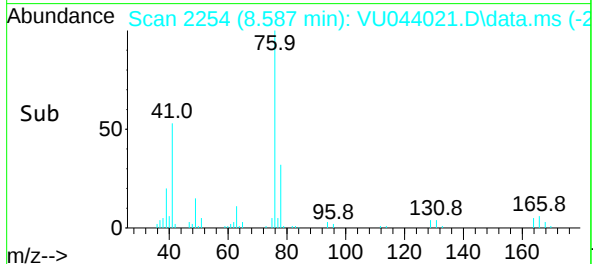
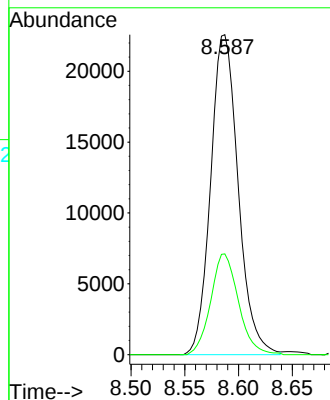
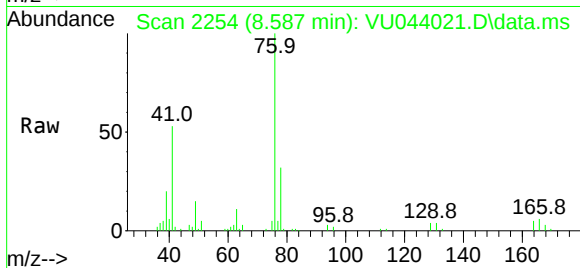
Acq: 02 Jun 2021 11:55

Tgt Ion: 76 Resp: 40237

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



#54

2-Hexanone

Concen: 19.19 ug/l

RT: 8.706 min Scan# 2291

Delta R.T. 0.006 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

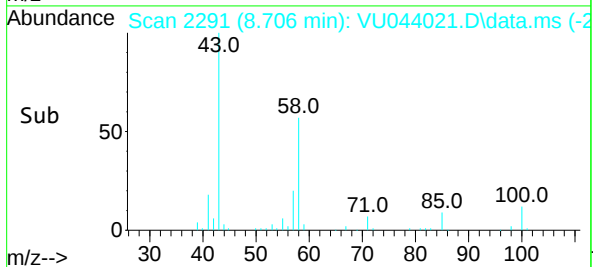
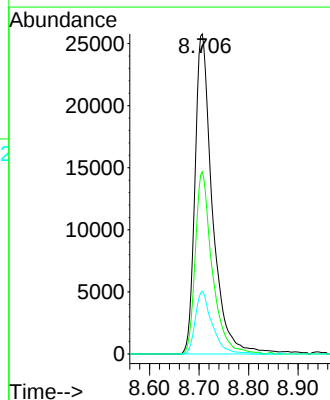
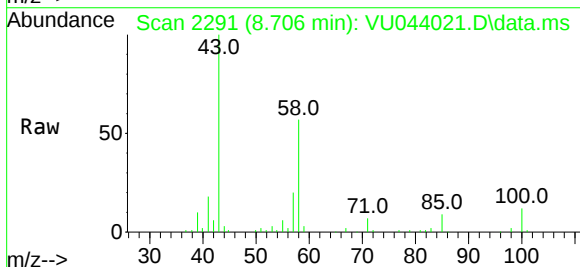
Tgt Ion: 43 Resp: 63210

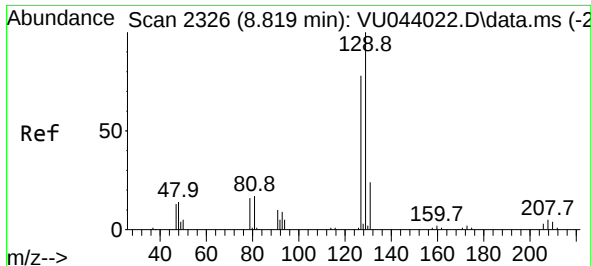
Ion Ratio Lower Upper

43 100

58 55.3 37.8 77.8

57 18.7 0.0 39.4

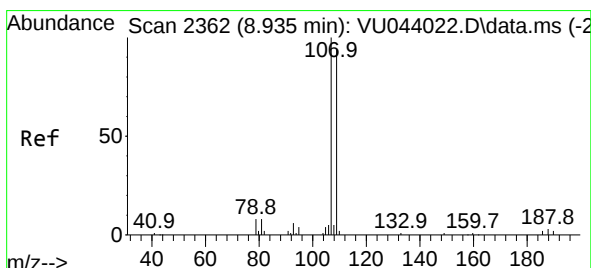
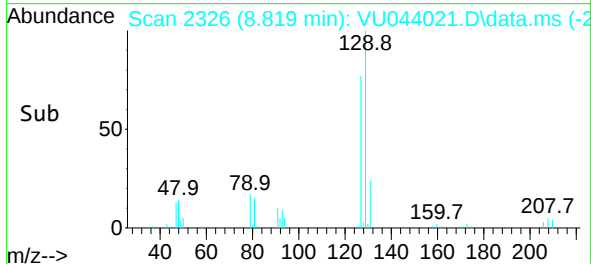
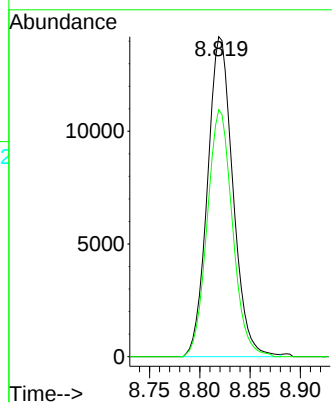
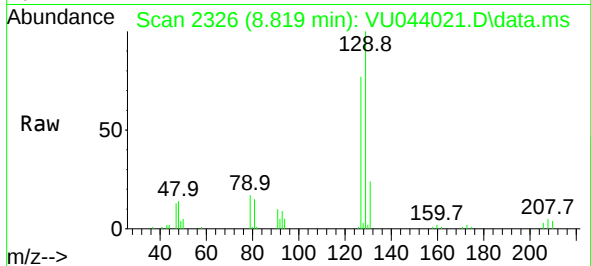




#55  
Dibromochloromethane  
Concen: 4.77 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

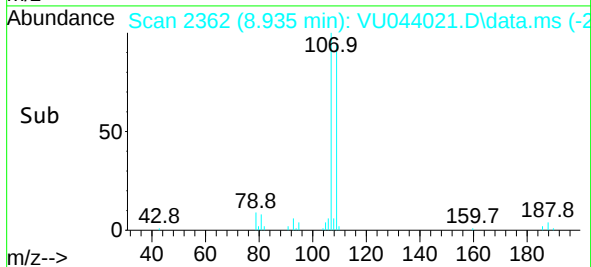
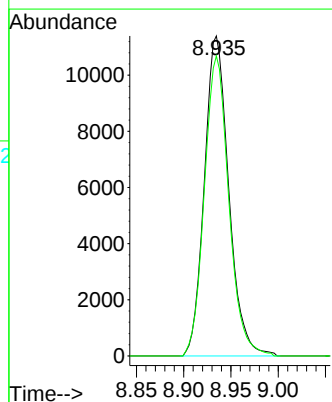
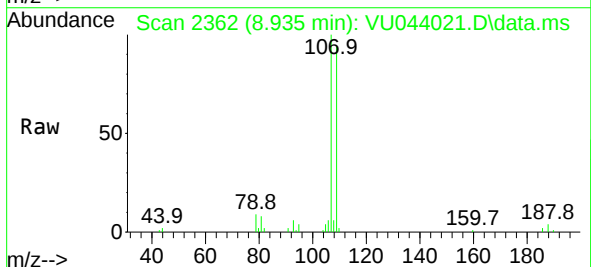
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

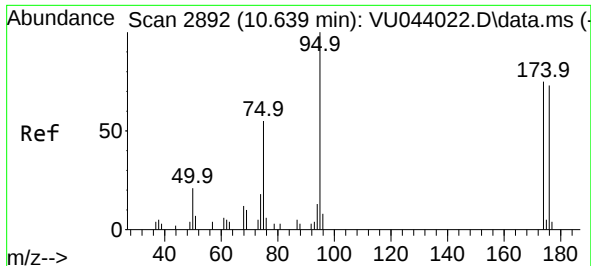
Tgt Ion:129 Resp: 24984  
Ion Ratio Lower Upper  
129 100  
127 76.6 61.1 91.7



#56  
1,2-Dibromoethane  
Concen: 4.65 ug/l  
RT: 8.935 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:107 Resp: 20466  
Ion Ratio Lower Upper  
107 100  
109 93.8 0.0 186.4

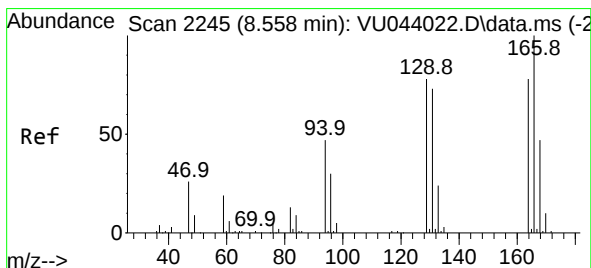
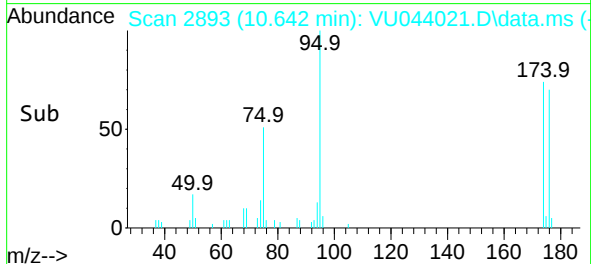
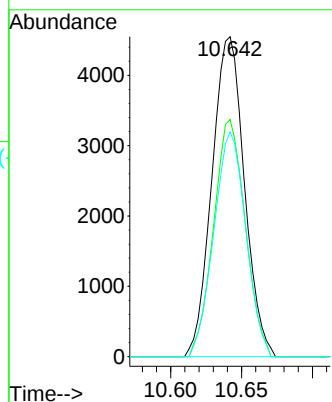
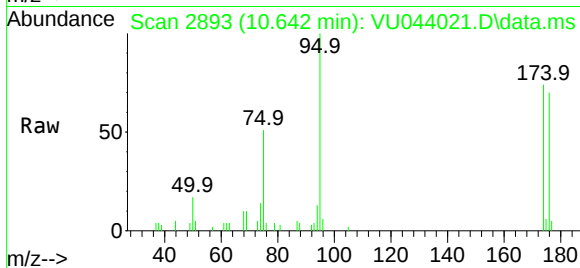




#57  
4-Bromofluorobenzene  
Concen: 0.90 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

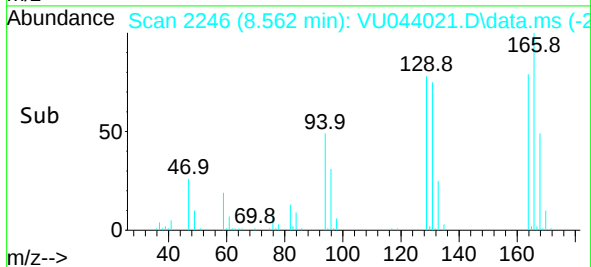
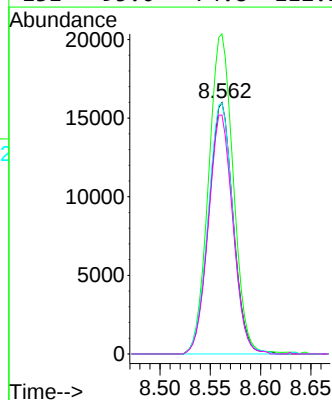
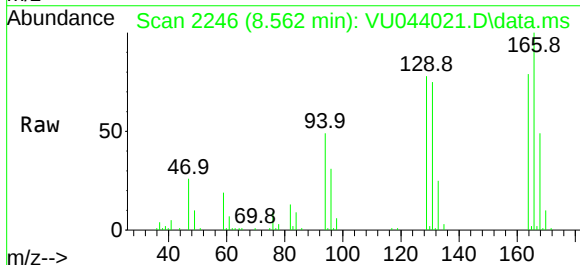
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

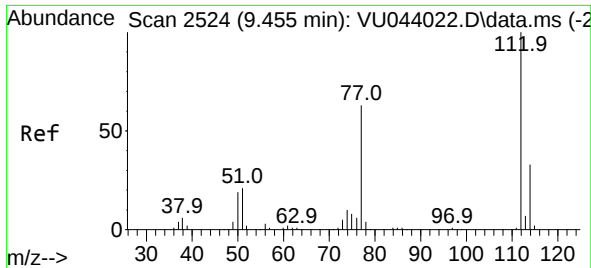
Tgt Ion: 95 Resp: 7236  
Ion Ratio Lower Upper  
95 100  
174 72.2 59.9 89.9  
176 69.4 59.3 88.9



#58  
Tetrachloroethene  
Concen: 4.56 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 164 Resp: 27058  
Ion Ratio Lower Upper  
164 100  
166 127.3 102.5 153.7  
129 99.8 80.2 120.2  
131 95.0 74.8 112.2

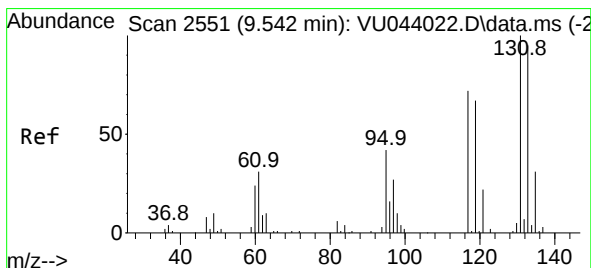
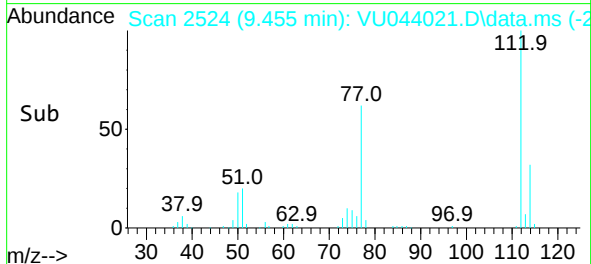
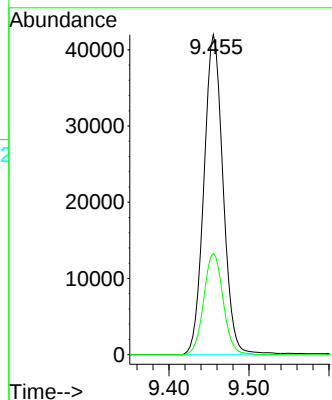
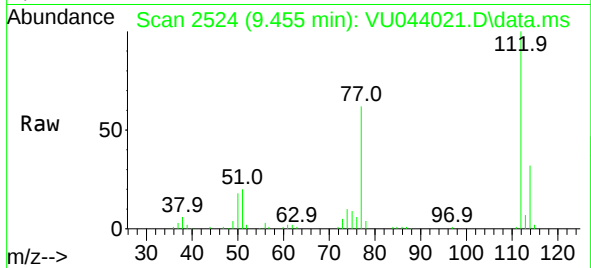




#59  
Chlorobenzene  
Concen: 4.88 ug/l  
RT: 9.455 min Scan# 2524  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

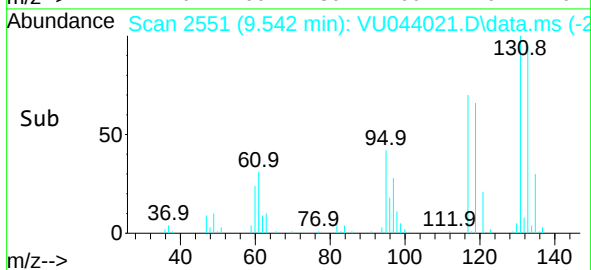
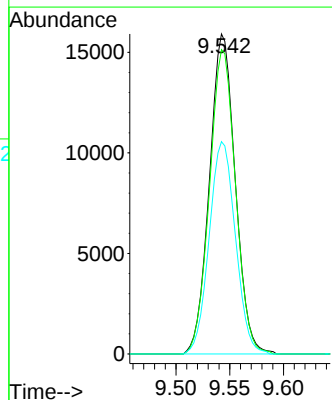
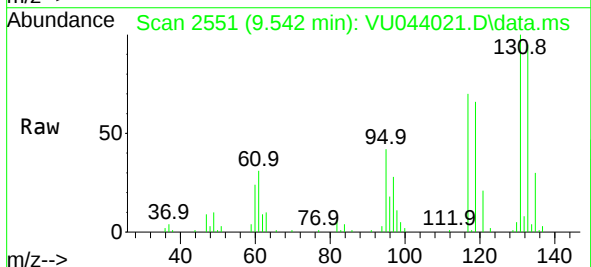
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

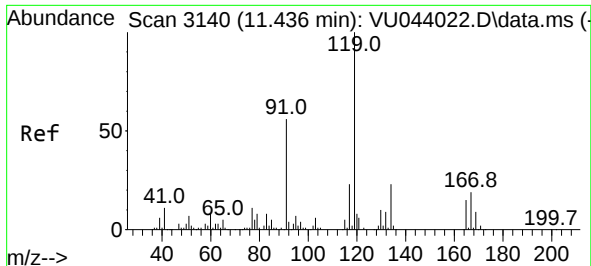
Tgt Ion:112 Resp: 70112  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.2 39.2



#60  
1,1,1,2-Tetrachloroethane  
Concen: 4.78 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:131 Resp: 26542  
Ion Ratio Lower Upper  
131 100  
133 95.8 75.0 112.6  
119 67.5 53.8 80.6

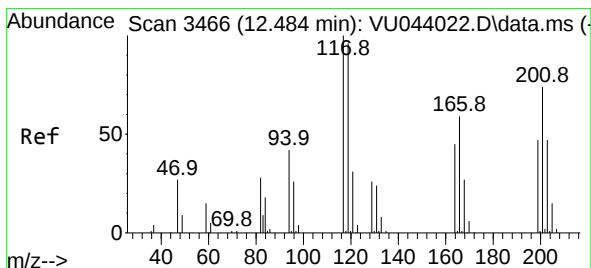
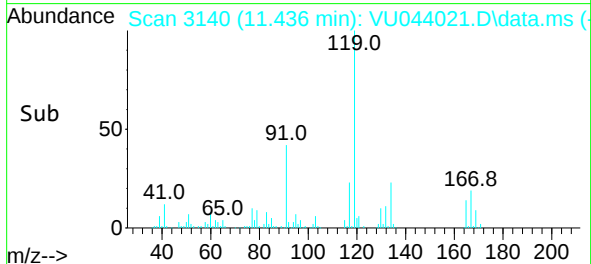
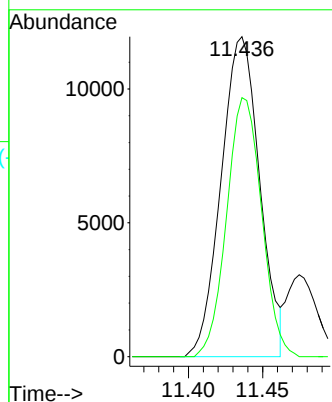
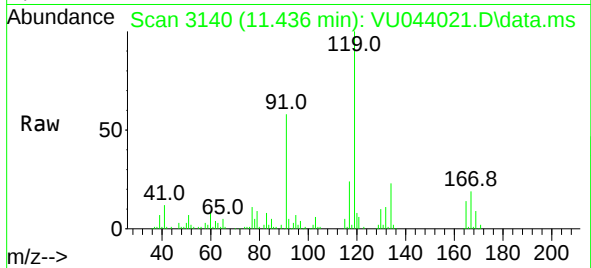




#61  
Pentachloroethane  
Concen: 5.03 ug/l  
RT: 11.436 min Scan# 3140  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

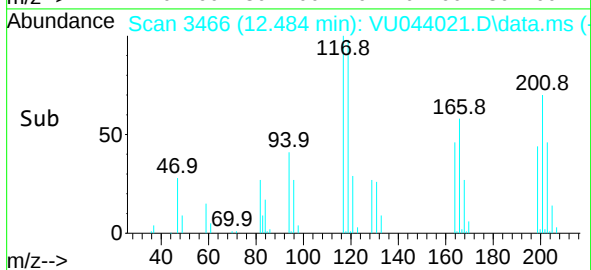
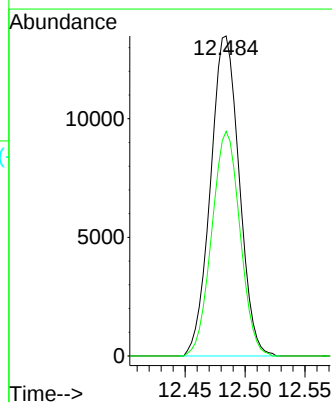
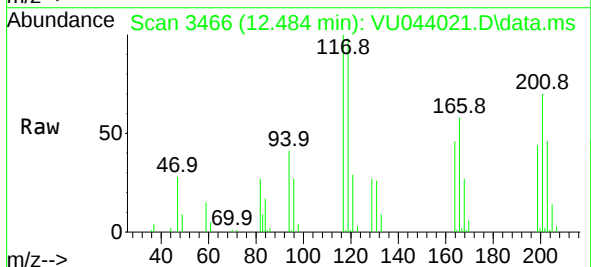
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

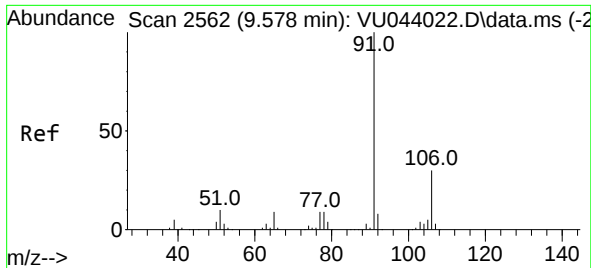
Tgt Ion:117 Resp: 21591  
Ion Ratio Lower Upper  
117 100  
167 73.3 61.0 91.6



#62  
Hexachloroethane  
Concen: 5.11 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:117 Resp: 22430  
Ion Ratio Lower Upper  
117 100  
201 69.0 58.0 87.0

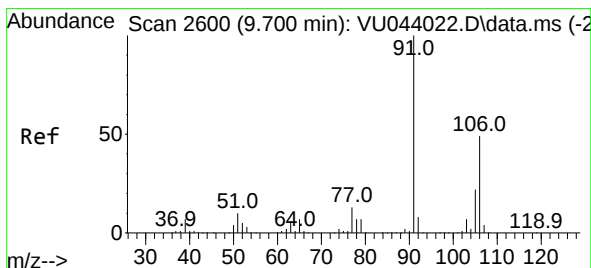
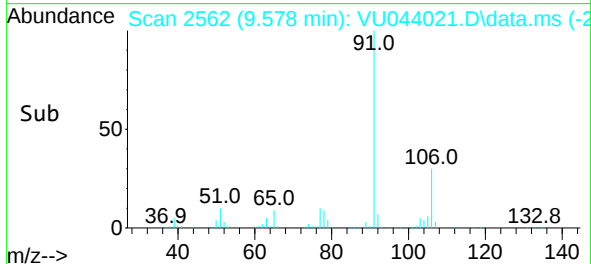
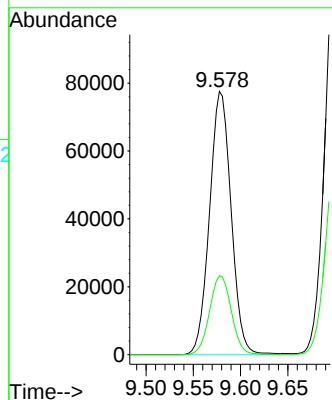
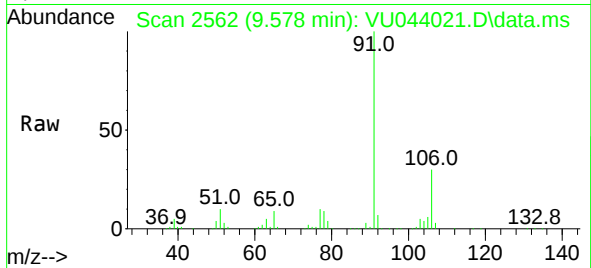




#63  
Ethyl Benzene  
Concen: 5.01 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

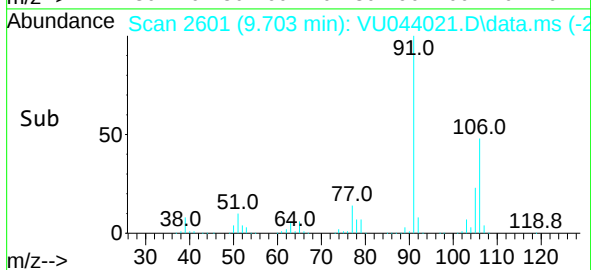
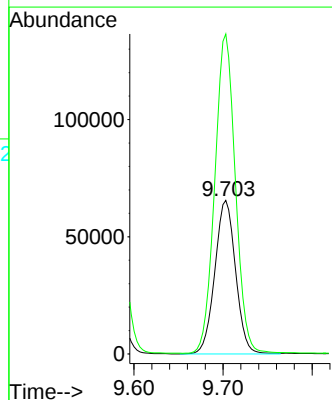
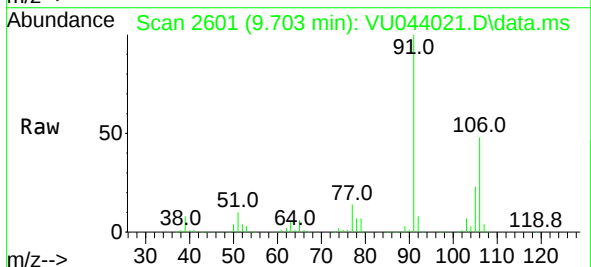
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

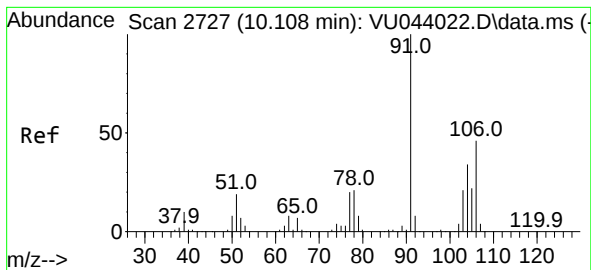
Tgt Ion: 91 Resp: 123169  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.2 36.4



#64  
m/p-Xylenes  
Concen: 11.13 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 106 Resp: 106110  
Ion Ratio Lower Upper  
106 100  
91 206.3 164.8 247.2

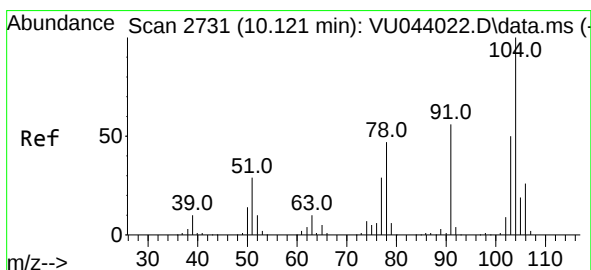
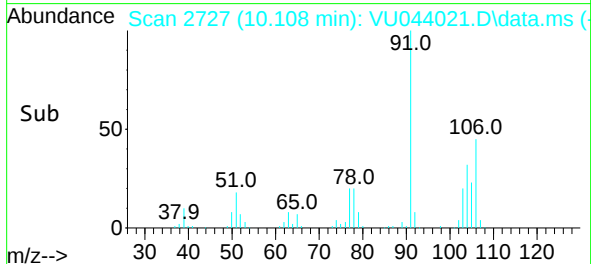
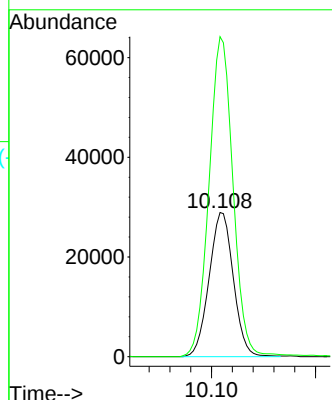
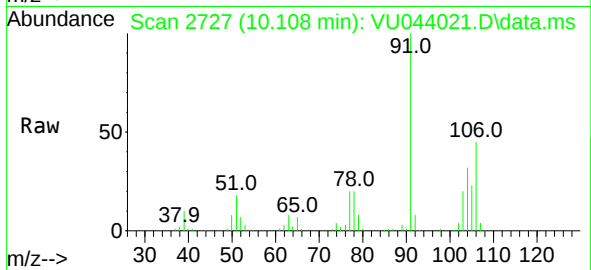




#65  
o-Xylene  
Concen: 5.12 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

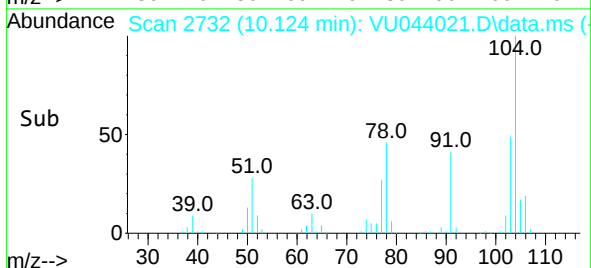
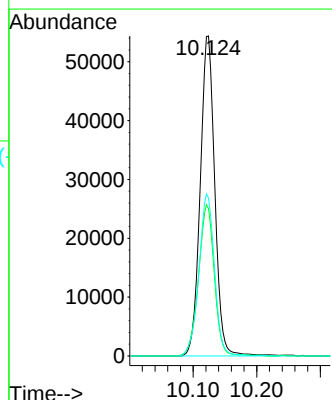
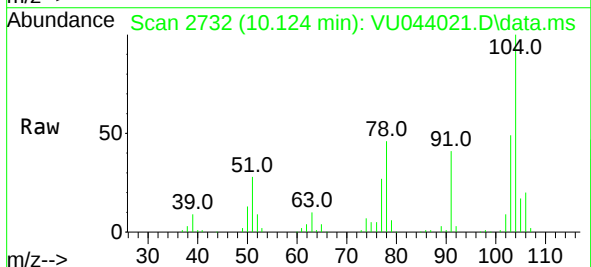
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

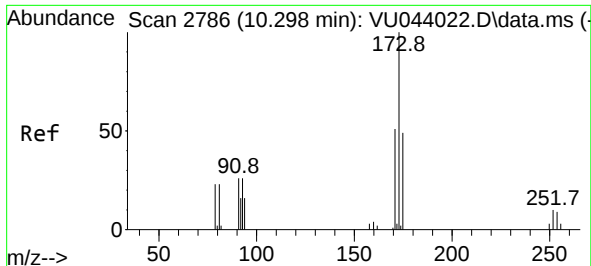
Tgt Ion:106 Resp: 46824  
Ion Ratio Lower Upper  
106 100  
91 220.1 109.2 327.6



#66  
Styrene  
Concen: 5.53 ug/l  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

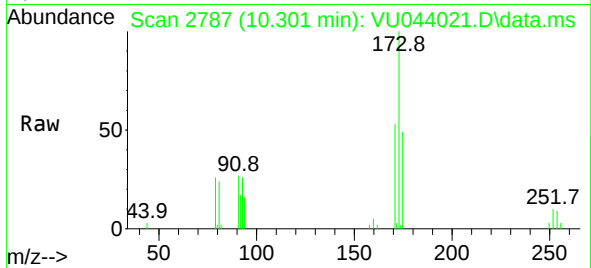
Tgt Ion:104 Resp: 86704  
Ion Ratio Lower Upper  
104 100  
78 50.6 40.9 61.3  
103 53.7 43.4 65.0



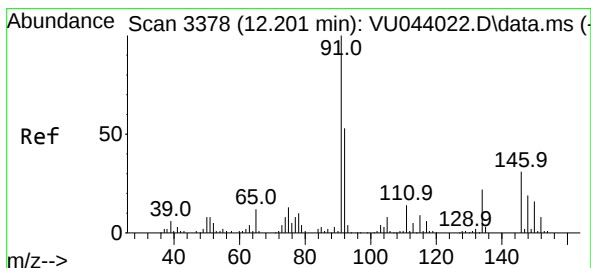
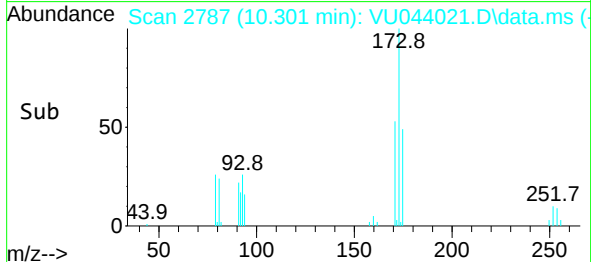
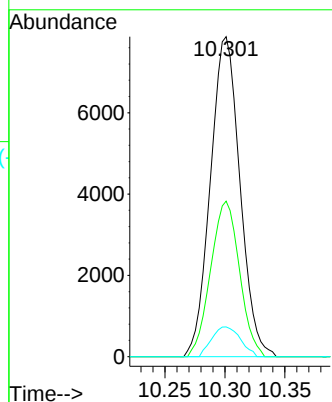


#67  
Bromoform  
Concen: 4.09 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

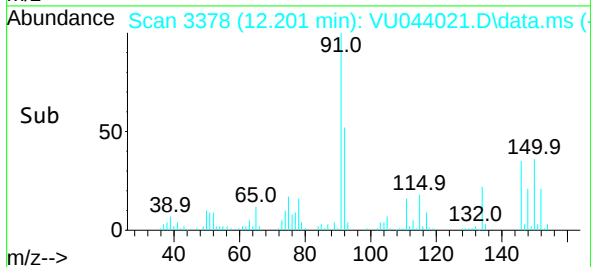
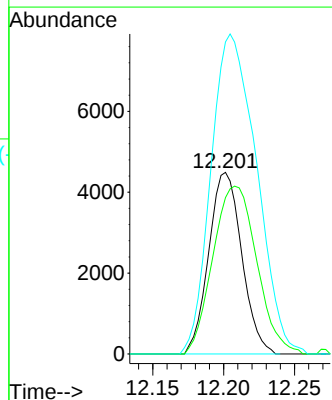
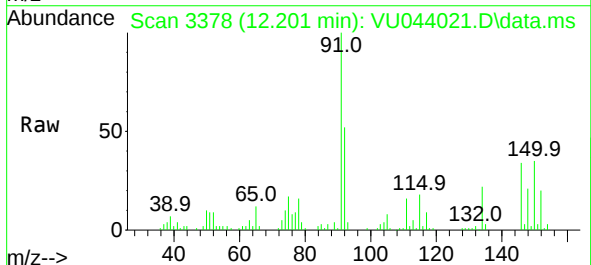


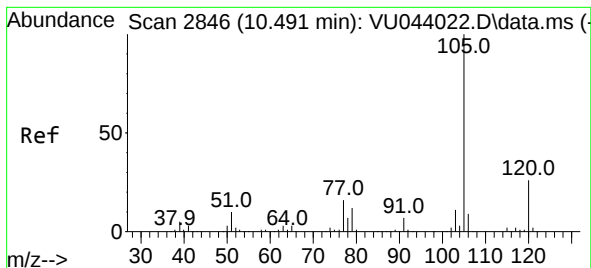
Tgt Ion:173 Resp: 13475  
Ion Ratio Lower Upper  
173 100  
175 47.4 38.9 58.3  
254 9.0 7.4 11.2



#68  
1,2-Dichlorobenzene-d4  
Concen: 0.85 ug/l  
RT: 12.201 min Scan# 3378  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:152 Resp: 7276  
Ion Ratio Lower Upper  
152 100  
115 122.9 0.0 332.8  
150 243.2 0.0 676.4





#69

Isopropylbenzene

Concen: 5.03 ug/l

RT: 10.494 min Scan# 2847

Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

Tgt Ion:105 Resp: 124374

Ion Ratio Lower Upper

105 100

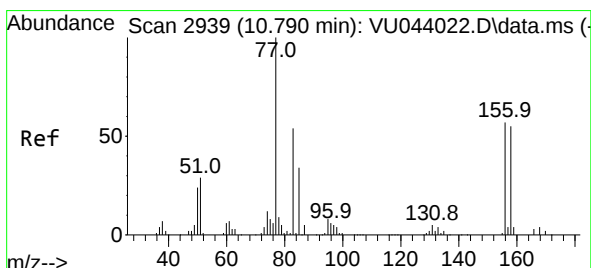
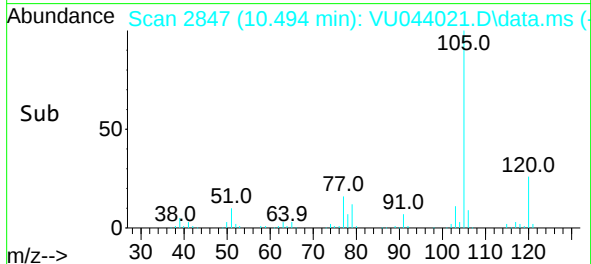
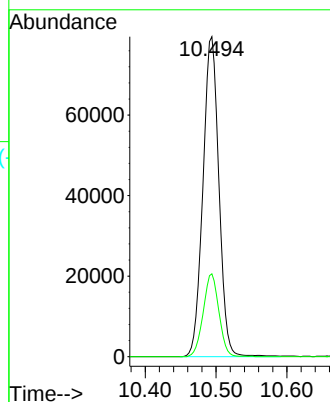
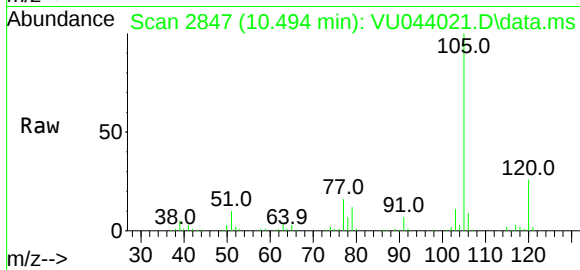
120 25.4 12.8 38.4

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005



#70

1,1,2,2-Tetrachloroethane

Concen: 5.13 ug/l

RT: 10.793 min Scan# 2940

Delta R.T. 0.003 min

Lab File: VU044021.D

Acq: 02 Jun 2021 11:55

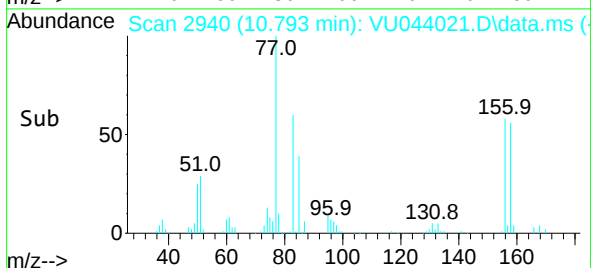
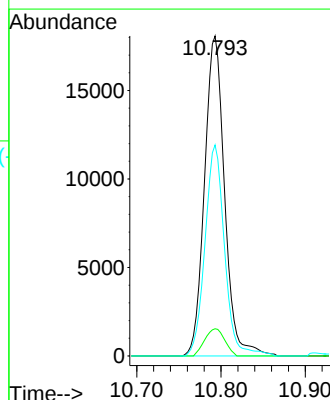
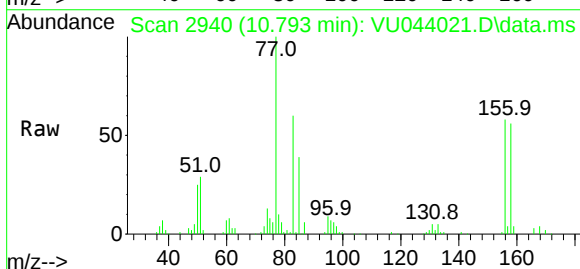
Tgt Ion: 83 Resp: 30038

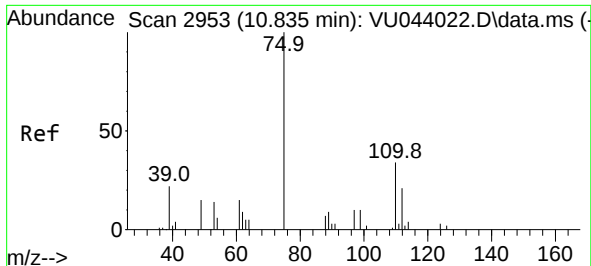
Ion Ratio Lower Upper

83 100

131 8.4 7.4 11.2

85 64.3 51.9 77.9

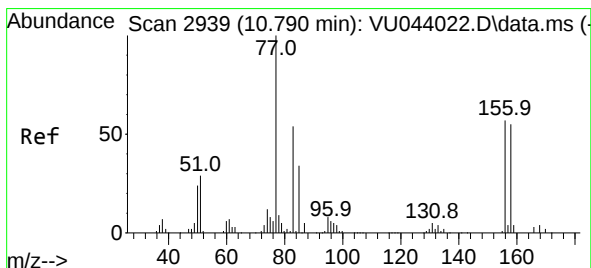
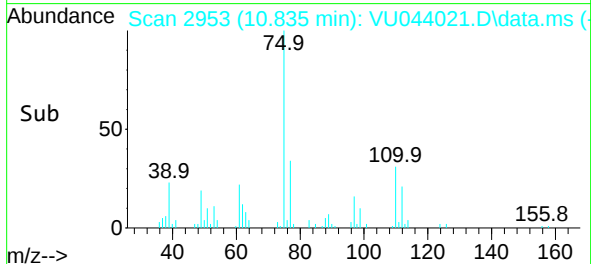
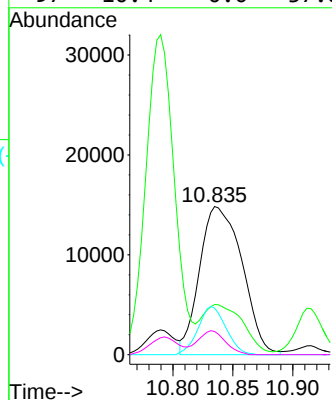
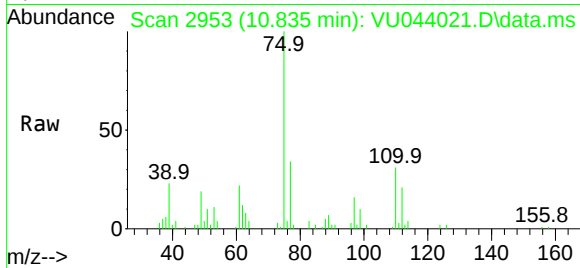




#71  
1,2,3-Trichloropropane  
Concen: 8.07 ug/l  
RT: 10.835 min Scan# 2953  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

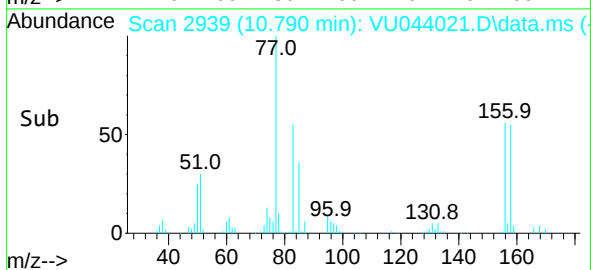
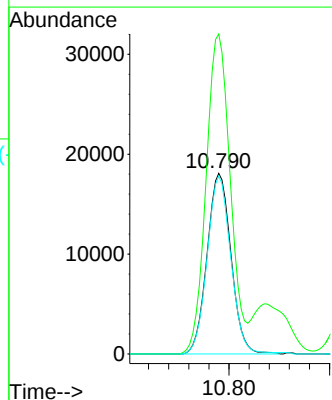
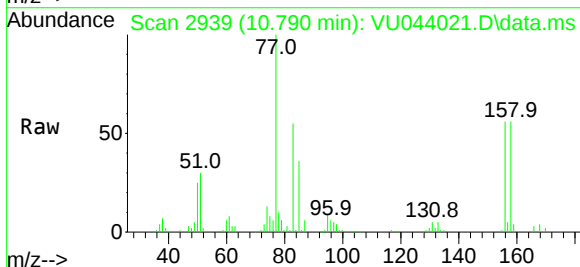
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

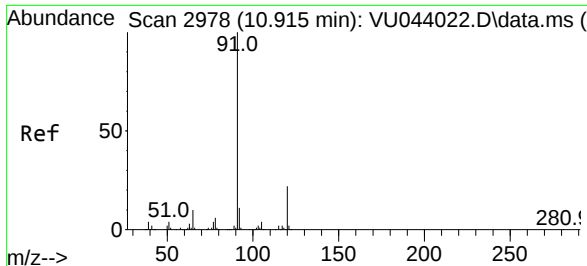
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 36552 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.7  | 0.0   | 109.6 |
| 110      | 21.4  | 0.0   | 75.0  |
| 97       | 10.4  | 0.0   | 37.8  |



#72  
Bromobenzene  
Concen: 4.41 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 29900 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 179.4 | 0.0   | 357.0 |
| 158      | 97.6  | 0.0   | 193.6 |

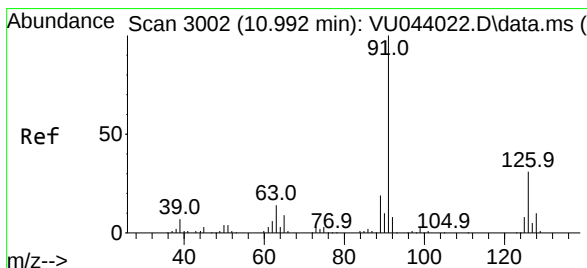
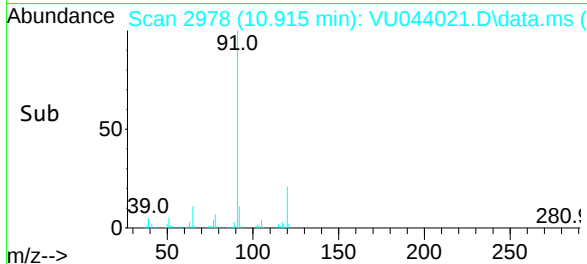
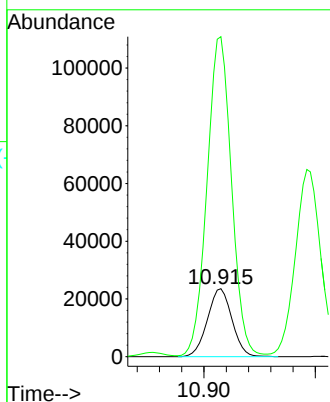
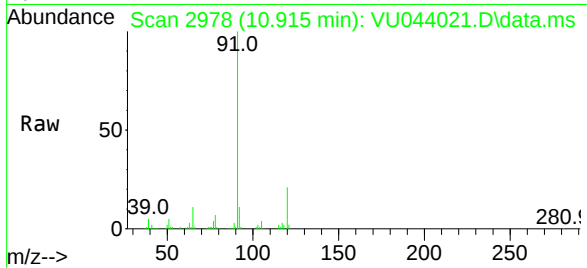




#73  
n-propylbenzene  
Concen: 5.19 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

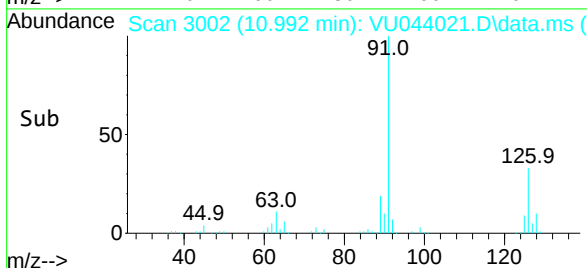
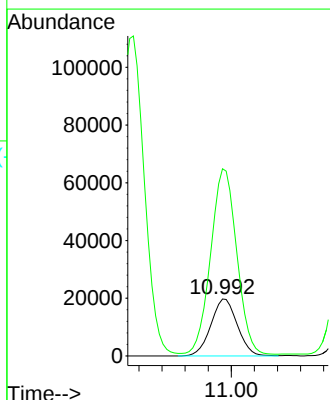
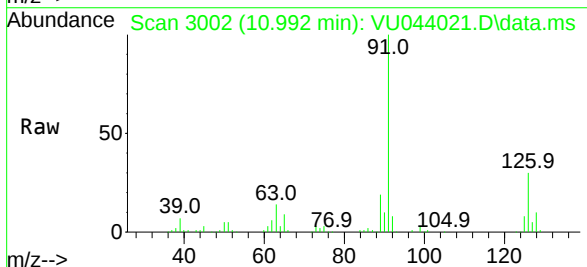
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

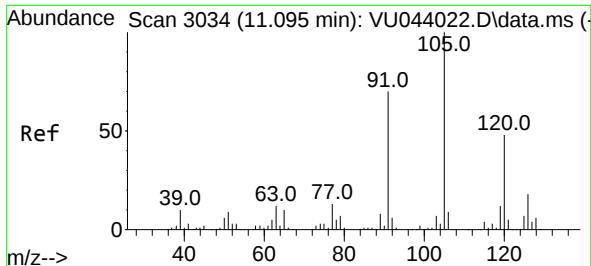
Tgt Ion:120 Resp: 36051  
Ion Ratio Lower Upper  
120 100  
91 466.4 367.0 550.4



#74  
2-Chlorotoluene  
Concen: 5.02 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:126 Resp: 31366  
Ion Ratio Lower Upper  
126 100  
91 320.8 0.0 633.8

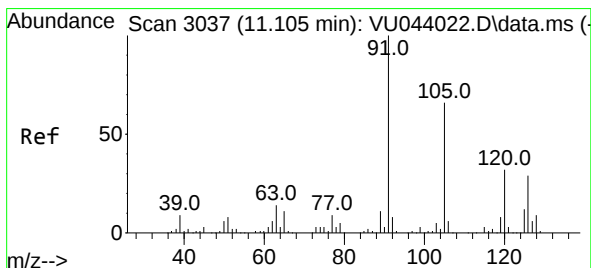
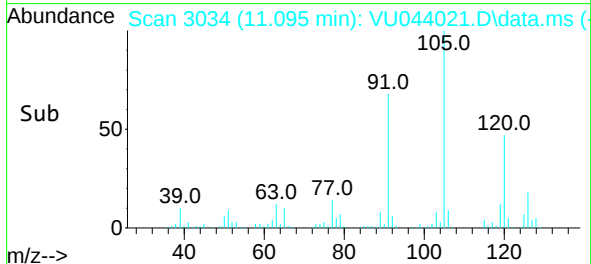
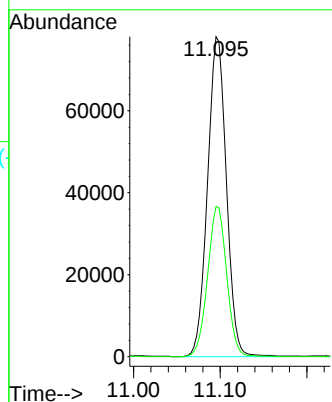
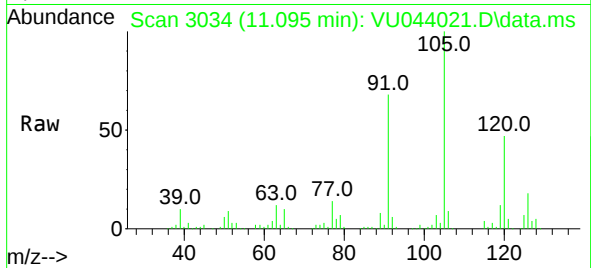




#75  
1,3,5-Trimethylbenzene  
Concen: 5.36 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

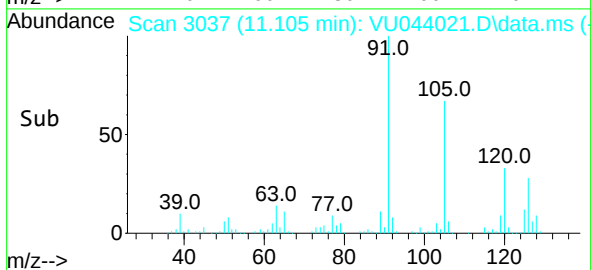
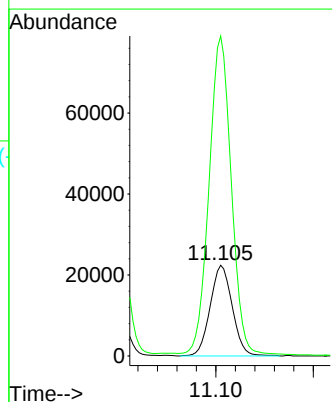
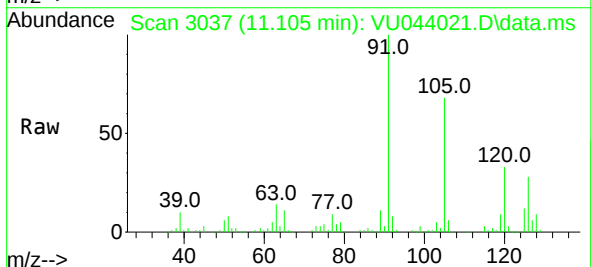
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ClientSampleId :  
VSTDIC005

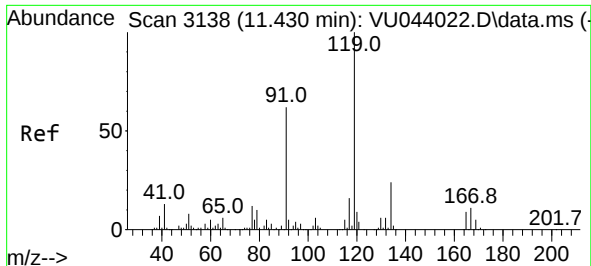
Tgt Ion:105 Resp: 118249  
Ion Ratio Lower Upper  
105 100  
120 47.6 38.3 57.5



#76  
4-Chlorotoluene  
Concen: 5.34 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:126 Resp: 35275  
Ion Ratio Lower Upper  
126 100  
91 353.5 0.0 715.2

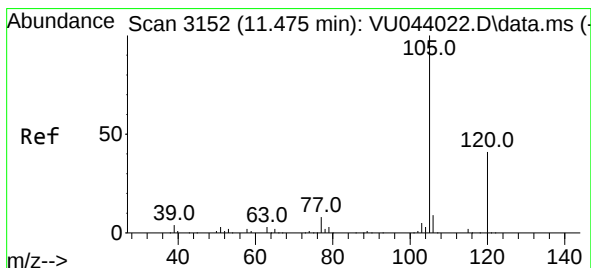
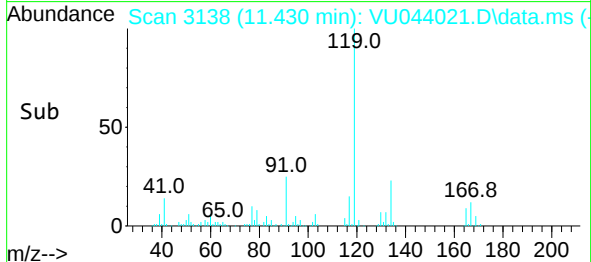
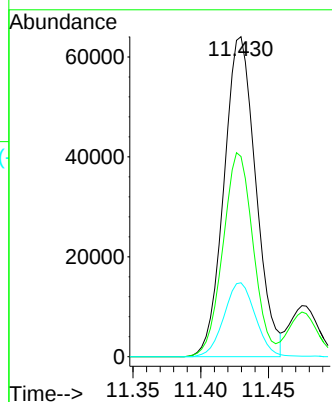
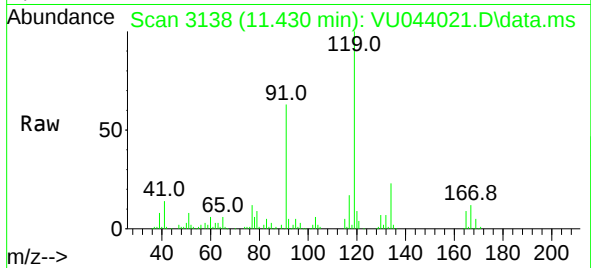




#77  
tert-Butylbenzene  
Concen: 4.82 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

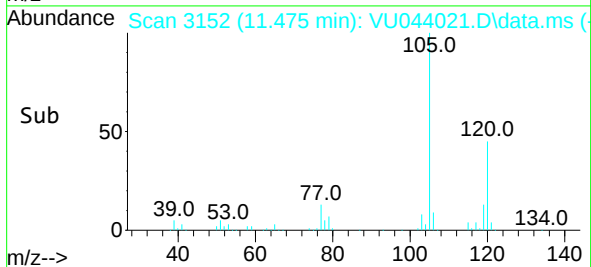
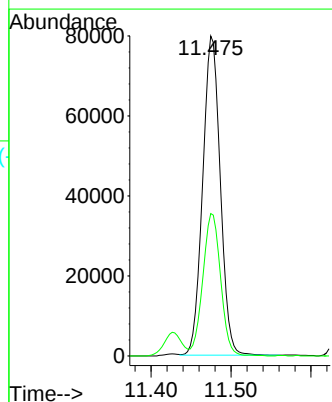
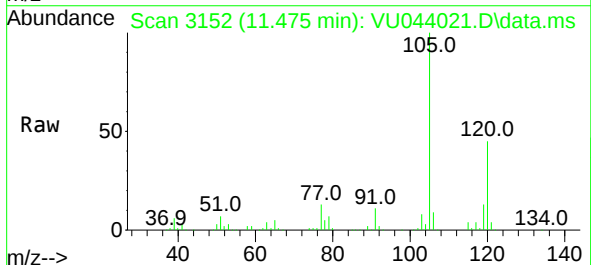
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ClientSampleId :  
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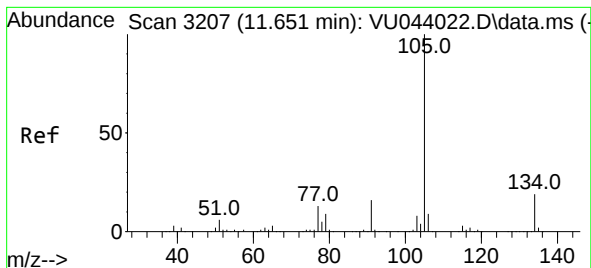
Tgt Ion:119 Resp: 104620  
Ion Ratio Lower Upper  
119 100  
91 60.6 30.3 90.9  
134 22.8 18.5 27.7



#78  
1,2,4-Trimethylbenzene  
Concen: 5.37 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:105 Resp: 122342  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.6 67.7

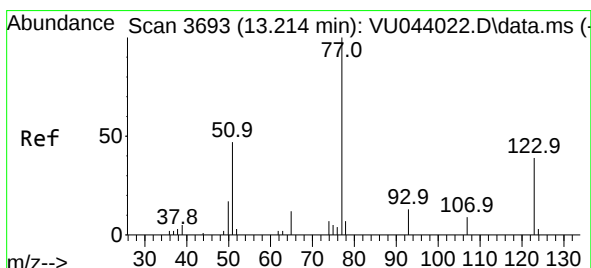
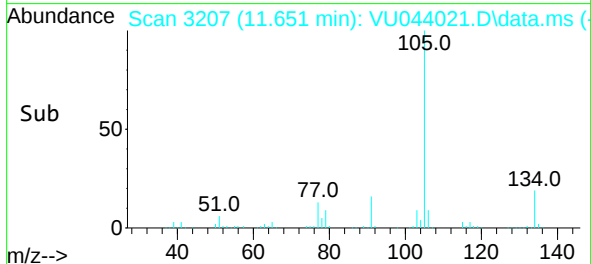
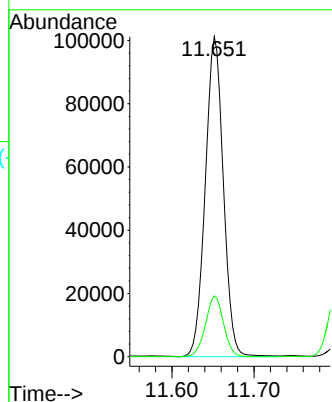
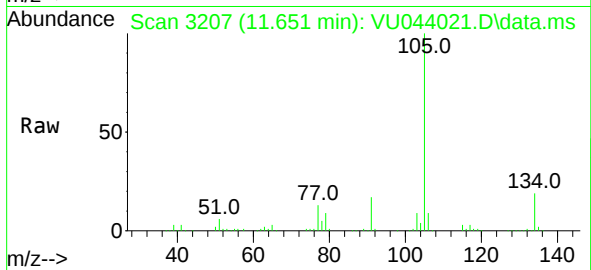




#79  
 sec-Butylbenzene  
 Concen: 5.24 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. -0.000 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

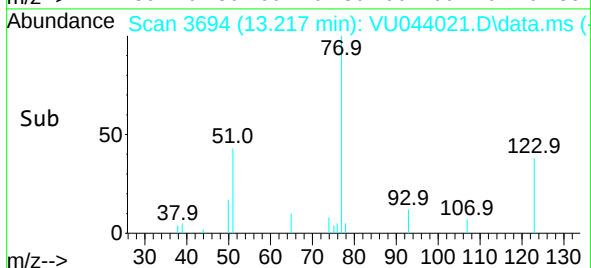
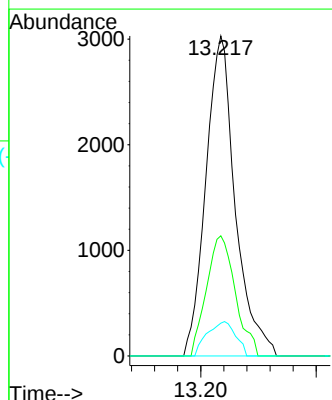
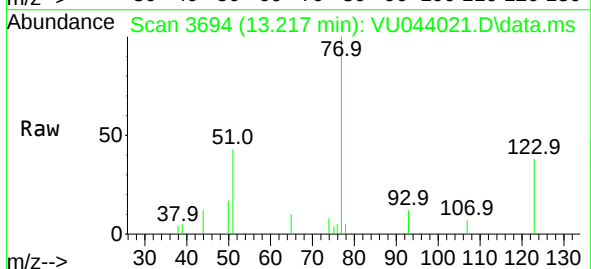
Instrument :  
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 ClientSampleId :  
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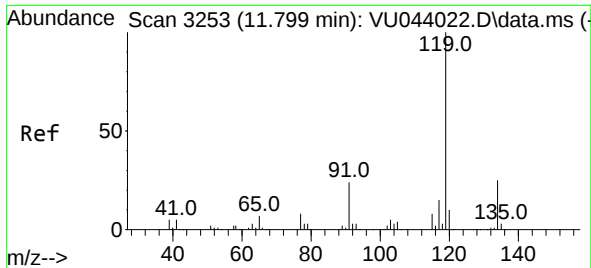
Tgt Ion:105 Resp: 154581  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 33.88 ug/l  
 RT: 13.217 min Scan# 3694  
 Delta R.T. 0.003 min  
 Lab File: VU044021.D  
 Acq: 02 Jun 2021 11:55

Tgt Ion: 77 Resp: 5351  
 Ion Ratio Lower Upper  
 77 100  
 123 36.7 17.5 62.1  
 65 10.4 9.8 12.4

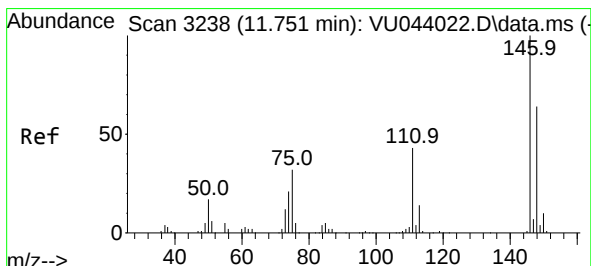
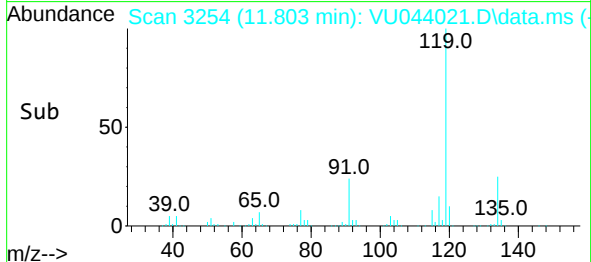
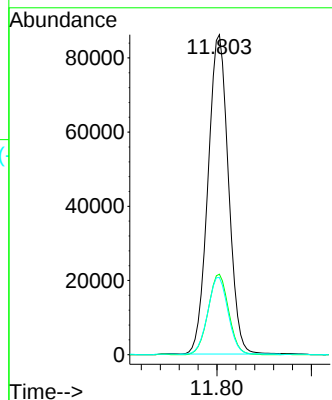
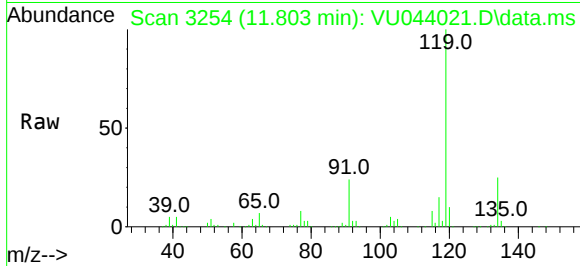




#81  
p-Isopropyltoluene  
Concen: 5.21 ug/l  
RT: 11.803 min Scan# 3254  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

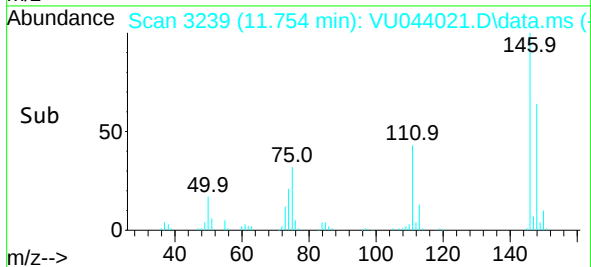
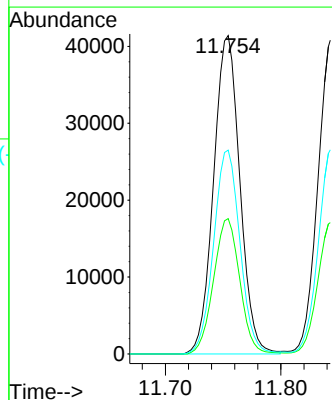
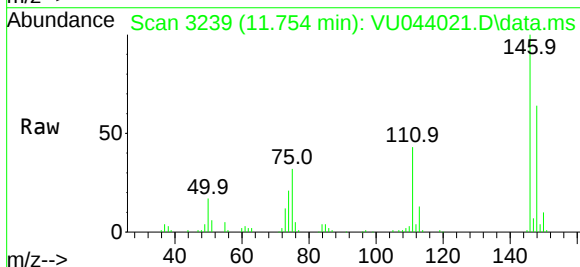
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

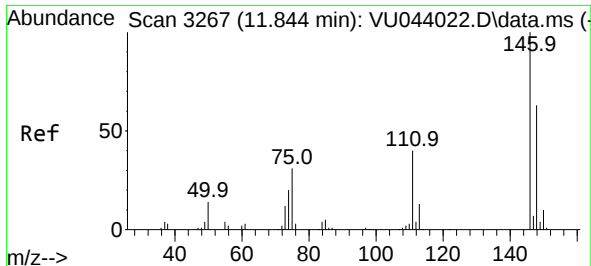
Tgt Ion:119 Resp: 129064  
Ion Ratio Lower Upper  
119 100  
134 25.3 20.2 30.2  
91 24.6 19.3 28.9



#82  
1,3-Dichlorobenzene  
Concen: 4.80 ug/l  
RT: 11.754 min Scan# 3239  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:146 Resp: 65428  
Ion Ratio Lower Upper  
146 100  
111 42.4 33.3 49.9  
148 64.4 51.2 76.8

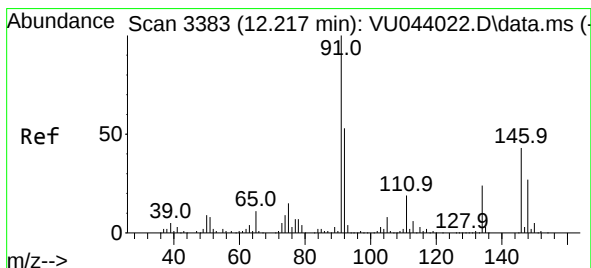
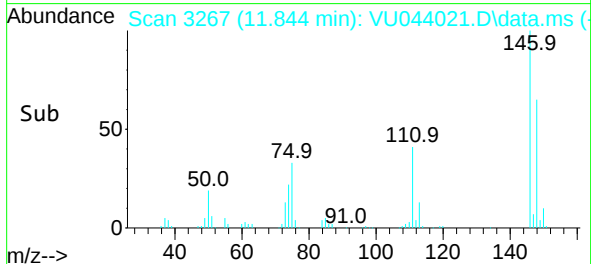
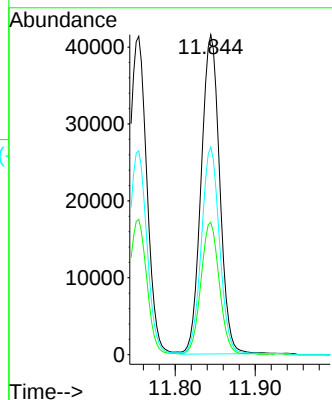
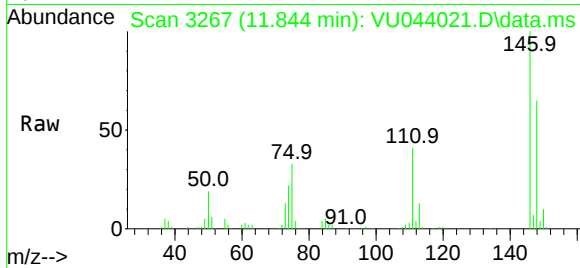




#83  
1,4-Dichlorobenzene  
Concen: 4.90 ug/l  
RT: 11.844 min Scan# 3267  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

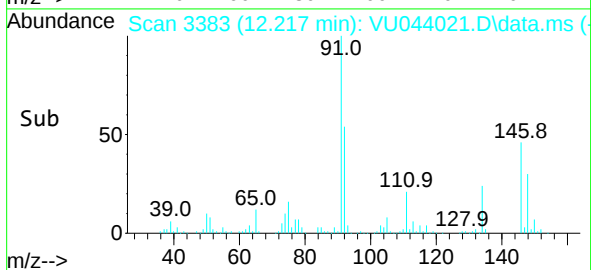
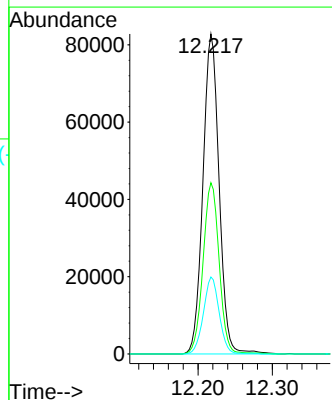
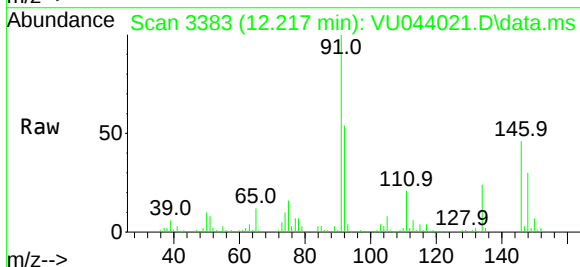
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

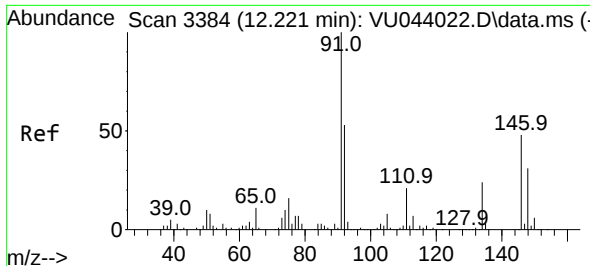
Tgt Ion:146 Resp: 66967  
Ion Ratio Lower Upper  
146 100  
111 41.4 32.5 48.7  
148 63.4 50.9 76.3



#84  
n-Butylbenzene  
Concen: 5.26 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 91 Resp: 125360  
Ion Ratio Lower Upper  
91 100  
92 53.3 42.6 63.8  
134 23.4 19.0 28.4

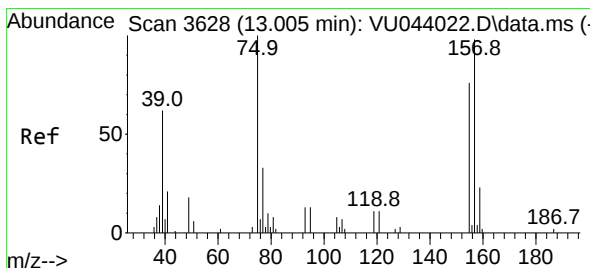
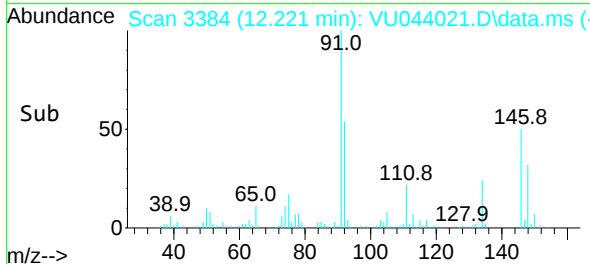
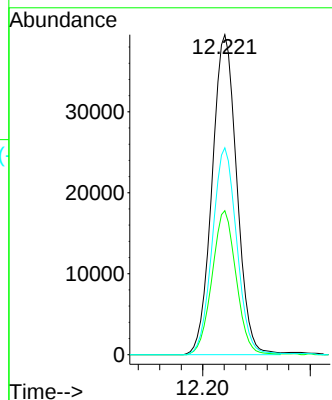
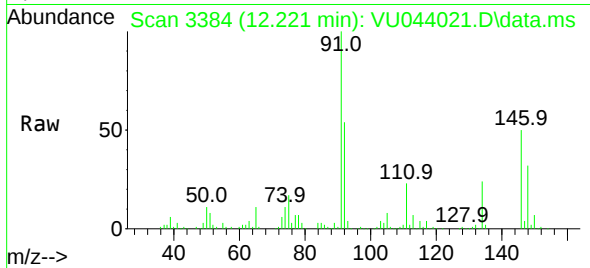




#85  
1,2-Dichlorobenzene  
Concen: 4.74 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

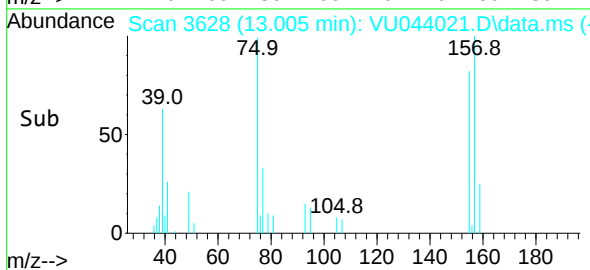
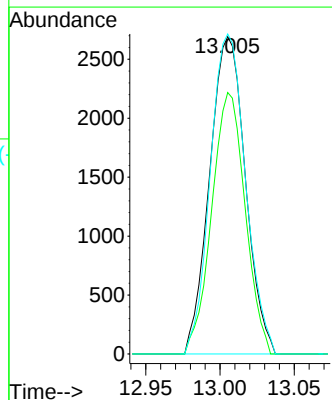
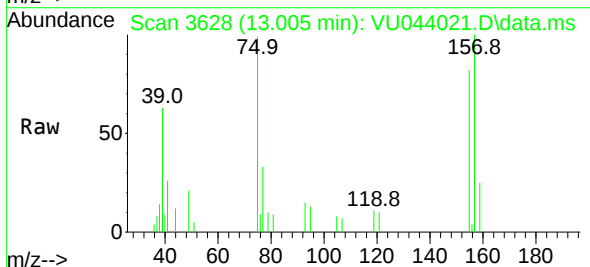
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MSVOA\_U  
ClientSampleId :  
VSTDIC005

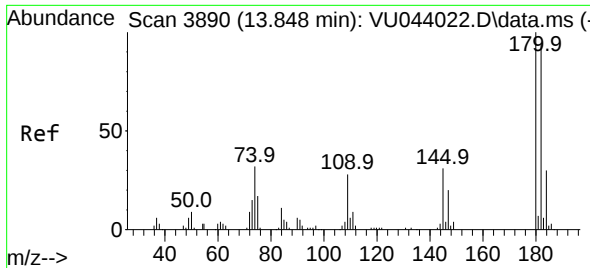
Tgt Ion:146 Resp: 63006  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.7 65.1  
148 64.2 31.9 95.5



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 4.28 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion: 75 Resp: 4504  
Ion Ratio Lower Upper  
75 100  
155 77.0 59.0 88.6  
157 99.2 76.4 114.6

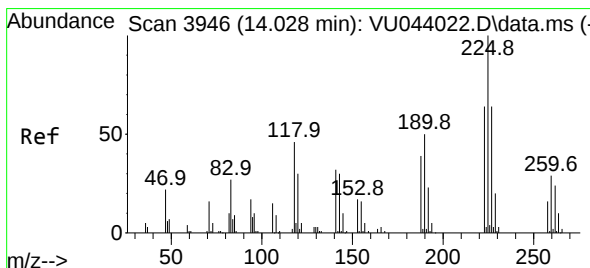
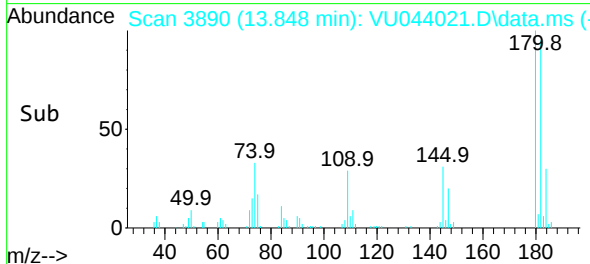
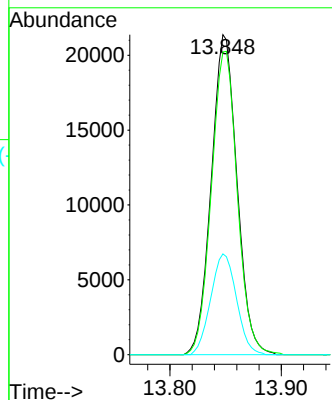
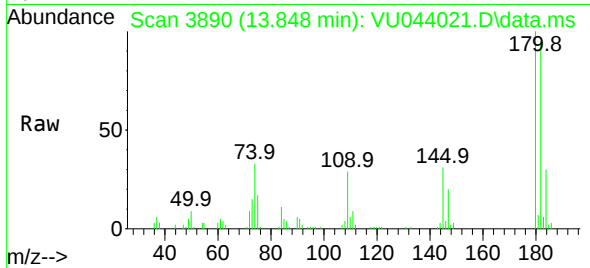




#87  
1,2,4-Trichlorobenzene  
Concen: 3.94 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

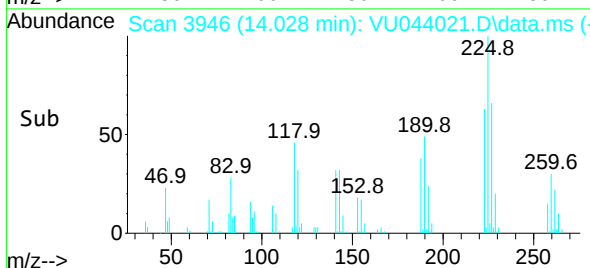
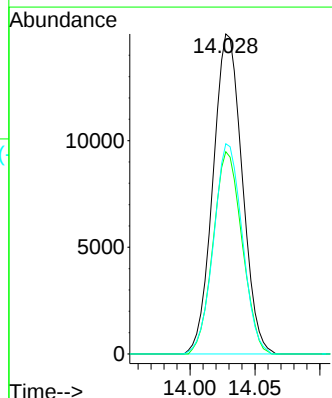
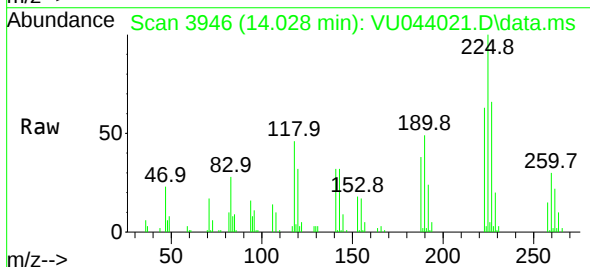
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MSVOA\_U  
ClientSampleId :  
VSTDIC005

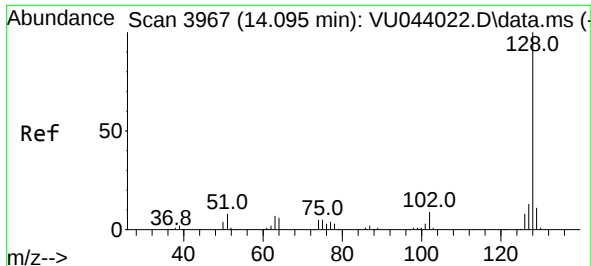
Tgt Ion:180 Resp: 34314  
Ion Ratio Lower Upper  
180 100  
182 95.5 75.7 113.5  
145 31.5 25.1 37.7



#88  
Hexachlorobutadiene  
Concen: 3.99 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Tgt Ion:225 Resp: 23374  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.3 75.5  
227 64.6 50.4 75.6

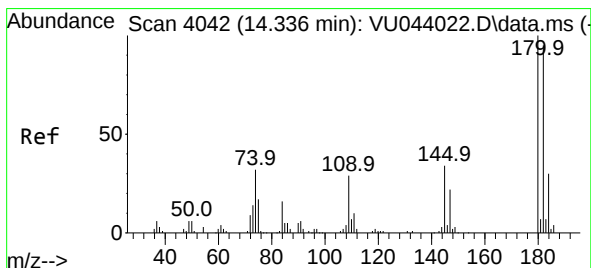
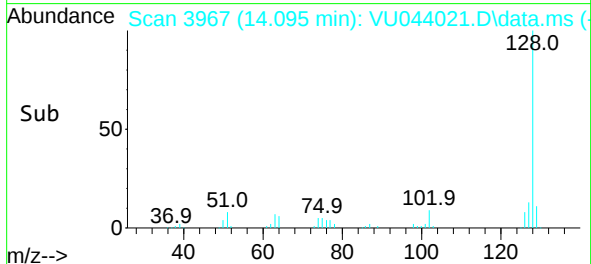
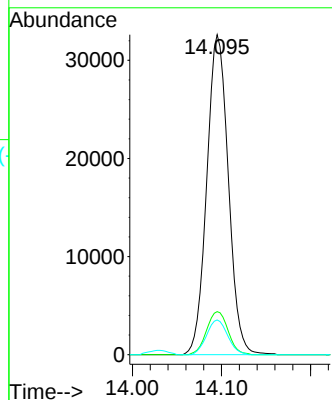
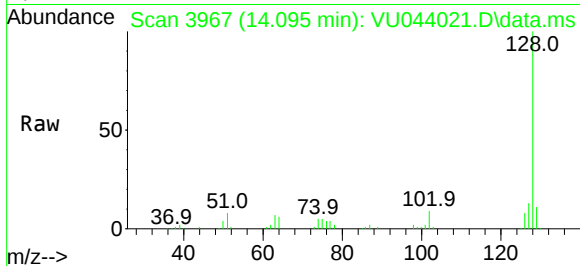




#89  
Naphthalene  
Concen: 3.84 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 54767 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.4  | 10.4  | 15.6  |
| 129       | 10.6  | 8.6   | 12.8  |



#90  
1,2,3-Trichlorobenzene  
Concen: 4.07 ug/l  
RT: 14.339 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU044021.D  
Acq: 02 Jun 2021 11:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 33881 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.9  | 75.9  | 113.9 |
| 145       | 33.7  | 26.8  | 40.2  |

