

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044023.D  
 Acq On : 02 Jun 2021 12:57  
 Operator : SY/MD  
 Sample : VSTDIC015  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Quant Time: Jun 03 05:31:11 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   | 19496    | 1.00   | ug/l   | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |        |          |
| 57) 4-Bromofluorobenzene     | 10.639 | 95   | 7155     | 0.87   | ug/l   | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 87.00% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.201 | 152  | 7605     | 0.87   | ug/l   | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 87.00% |          |
| Target Compounds             |        |      |          |        |        |          |
|                              |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.392  | 85   | 125461   | 16.25  | ug/l   | 100      |
| 3) Chloromethane             | 1.527  | 50   | 130411   | 17.43  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.610  | 62   | 125382   | 17.49  | ug/l   | 99       |
| 5) Bromomethane              | 1.861  | 94   | 71526    | 15.79  | ug/l   | 96       |
| 6) Chloroethane              | 1.941  | 64   | 70984    | 15.04  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 140007   | 12.29  | ug/l   | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 82312    | 14.03  | ug/l   | 99       |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 77692    | 15.14  | ug/l   | 98       |
| 10) Iodomethane              | 2.732  | 142  | 107520   | 13.72  | ug/l   | 99       |
| 11) Allyl Chloride           | 2.932  | 41   | 126256   | 13.11  | ug/l   | 99       |
| 12) Acrylonitrile            | 3.330  | 53   | 29053    | 20.74  | ug/l   | 99       |
| 13) Acetone                  | 2.636  | 43   | 42288    | 40.03  | ug/l   | 97       |
| 14) Carbon Disulfide         | 2.800  | 76   | 266886   | 16.33  | ug/l   | 100      |
| 15) Methylene Chloride       | 3.054  | 84   | 89214    | 14.32  | ug/l   | 98       |
| 16) trans-1,2-Dichloroethene | 3.363  | 96   | 84000    | 15.12  | ug/l   | 99       |
| 17) 1,1-Dichloroethane       | 3.880  | 63   | 161937   | 14.34  | ug/l   | 100      |
| 18) 2-Butanone               | 4.736  | 43   | 89364    | 45.37  | ug/l   | 100      |
| 19) Cyclohexane              | 5.391  | 56   | 142985   | 14.60  | ug/l   | 96       |
| 20) Methylcyclohexane        | 6.768  | 83   | 153672   | 18.06  | ug/l   | 99       |
| 21) 2,2-Dichloropropane      | 4.674  | 77   | 131970   | 12.93  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.678  | 96   | 90719    | 14.56  | ug/l   | 100      |
| 23) Diethyl Ether            | 2.385  | 59   | 63156    | 14.65  | ug/l   | 99       |
| 24) tert-Butyl Alcohol       | 3.205  | 59   | 35692    | 127.04 | ug/l   | 98       |
| 25) Methyl tert-Butyl Ether  | 3.382  | 73   | 191121   | 12.89  | ug/l   | 100      |
| 26) Bromochloromethane       | 4.986  | 128  | 37096    | 12.80  | ug/l   | 97       |
| 27) Chloroform               | 5.099  | 83   | 155886   | 13.36  | ug/l   | 100      |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 133958   | 12.74  | ug/l   | 98       |
| 29) 1,1-Dichloropropene      | 5.530  | 75   | 128628   | 16.74  | ug/l   | 100      |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 119186   | 14.49  | ug/l   | 98       |
| 31) Isopropyl Ether          | 4.015  | 45   | 262798   | 13.21  | ug/l   | 99       |
| 32) Ethyl-t-butyl ether      | 4.527  | 59   | 239793   | 13.52  | ug/l   | 98       |
| 33) Tert-Amyl methyl ether   | 5.964  | 73   | 206320   | 15.85  | ug/l   | 100      |
| 34) Propionitrile            | 4.800  | 54   | 27562    | 63.66  | ug/l   | # 94     |
| 35) Benzene                  | 5.780  | 78   | 376471   | 17.29  | ug/l   | 99       |
| 36) 1,2-Dichloroethane       | 5.806  | 62   | 107274   | 13.29  | ug/l   | 99       |
| 37) Trichloroethene          | 6.549  | 130  | 87620    | 15.45  | ug/l   | 100      |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 101929   | 16.48  | ug/l   | 99       |
| 39) Methacrylonitrile        | 4.996  | 41   | 27151    | 9.74   | ug/l   | 98       |
| 40) Methyl acrylate          | 4.864  | 55   | 41446    | 11.08  | ug/l   | # 93     |
| 41) Tetrahydrofuran          | 5.083  | 42   | 23073    | 16.81  | ug/l   | 90       |
| 42) 1-Chlorobutane           | 5.465  | 56   | 183632   | 16.17  | ug/l   | 100      |
| 43) Dibromomethane           | 6.928  | 93   | 48814    | 14.88  | ug/l   | 98       |
| 44) Bromodichloromethane     | 7.118  | 83   | 121224   | 15.53  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044023.D  
 Acq On : 02 Jun 2021 12:57  
 Operator : SY/MD  
 Sample : VSTDIC015  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

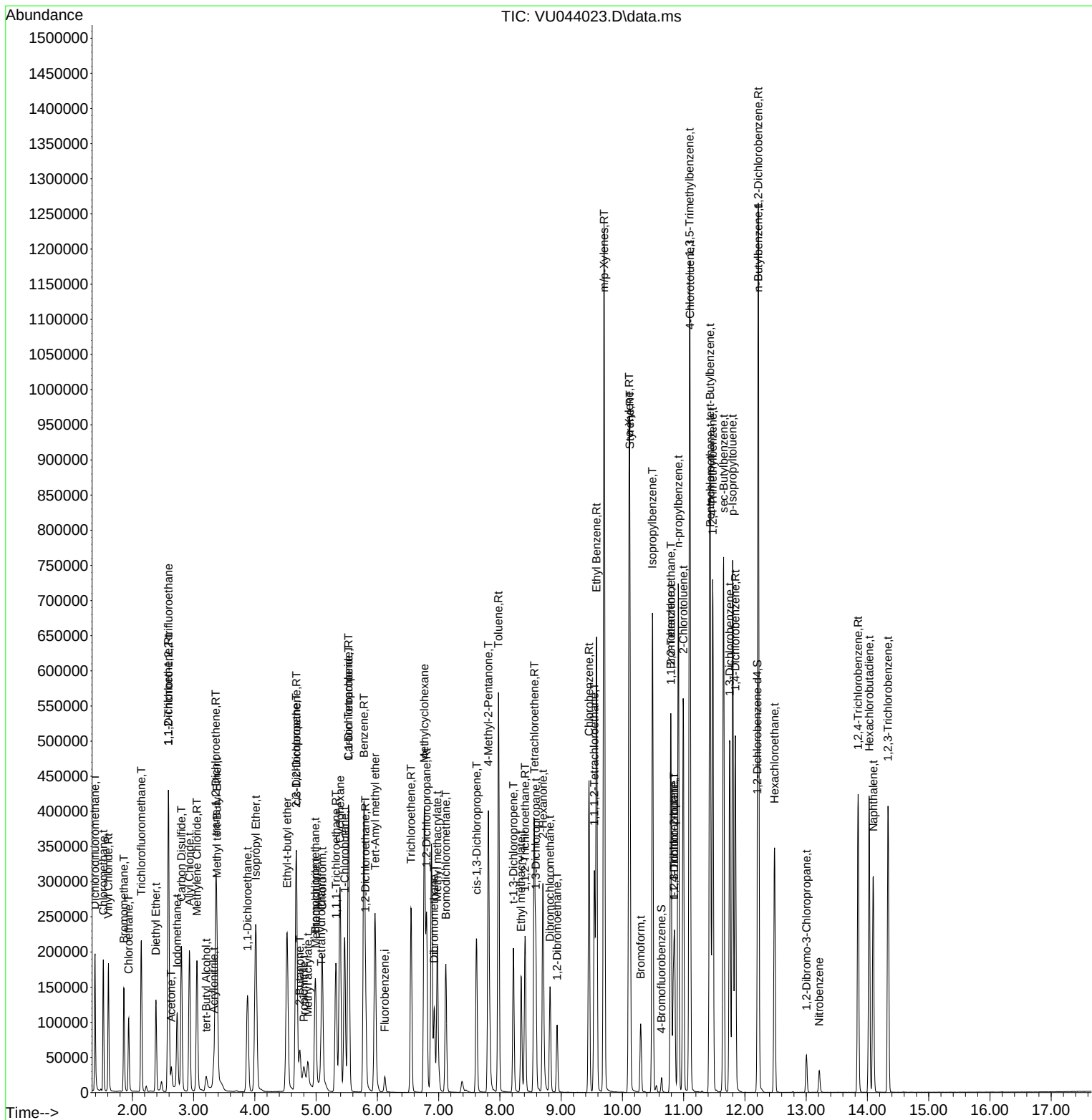
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

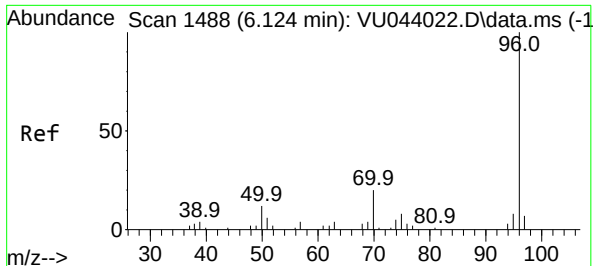
Quant Time: Jun 03 05:31:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:27:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.813  | 43   | 299033   | 62.89  | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.841 | 75   | 118594   | 76.07  | ug/l # | 57       |
| 47) Methyl methacrylate       | 6.980  | 69   | 94558    | 32.58  | ug/l   | 98       |
| 48) Ethyl methacrylate        | 8.346  | 69   | 91268    | 16.07  | ug/l   | 99       |
| 49) Toluene                   | 7.977  | 92   | 234390   | 17.63  | ug/l   | 100      |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 114701   | 16.50  | ug/l   | 100      |
| 51) cis-1,3-Dichloropropene   | 7.620  | 75   | 131636   | 16.82  | ug/l   | 99       |
| 52) 1,1,2-Trichloroethane     | 8.411  | 97   | 68925    | 14.97  | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 125683   | 15.81  | ug/l   | 100      |
| 54) 2-Hexanone                | 8.703  | 43   | 216098   | 64.09  | ug/l   | 99       |
| 55) Dibromochloromethane      | 8.819  | 129  | 78208    | 14.60  | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.935  | 107  | 64175    | 14.26  | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.562  | 164  | 82739    | 13.62  | ug/l   | 97       |
| 59) Chlorobenzene             | 9.456  | 112  | 232914   | 15.84  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 84198    | 14.82  | ug/l   | 99       |
| 61) Pentachloroethane         | 11.436 | 117  | 66431    | 15.12  | ug/l   | 99       |
| 62) Hexachloroethane          | 12.484 | 117  | 70652    | 15.74  | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.578  | 91   | 444069   | 17.65  | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.700  | 106  | 345828   | 35.42  | ug/l   | 99       |
| 65) o-Xylene                  | 10.108 | 106  | 159716   | 17.05  | ug/l   | 99       |
| 66) Styrene                   | 10.121 | 104  | 285673   | 17.79  | ug/l   | 99       |
| 67) Bromoform                 | 10.298 | 173  | 43407    | 12.87  | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.491 | 105  | 427904   | 16.91  | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 90052    | 15.02  | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.841 | 75   | 118594   | 25.59  | ug/l   | 71       |
| 72) Bromobenzene              | 10.790 | 156  | 96252    | 13.86  | ug/l   | 99       |
| 73) n-propylbenzene           | 10.915 | 120  | 121445   | 17.09  | ug/l   | 99       |
| 74) 2-Chlorotoluene           | 10.993 | 126  | 100004   | 15.62  | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 384378   | 17.02  | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 106060   | 15.68  | ug/l   | 99       |
| 77) tert-Butylbenzene         | 11.430 | 119  | 355305   | 15.98  | ug/l   | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 396190   | 16.99  | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.652 | 105  | 504016   | 16.68  | ug/l   | 100      |
| 80) Nitrobenzene              | 13.214 | 77   | 18526    | 114.58 | ug/l   | 97       |
| 81) p-Isopropyltoluene        | 11.800 | 119  | 427210   | 16.85  | ug/l   | 100      |
| 82) 1,3-Dichlorobenzene       | 11.751 | 146  | 201568   | 14.46  | ug/l   | 100      |
| 83) 1,4-Dichlorobenzene       | 11.845 | 146  | 203403   | 14.53  | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.218 | 91   | 424589   | 17.42  | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.221 | 146  | 190914   | 14.02  | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 14915    | 13.85  | ug/l   | 98       |
| 87) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 125544   | 14.08  | ug/l   | 100      |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 74014    | 12.34  | ug/l   | 98       |
| 89) Naphthalene               | 14.095 | 128  | 240560   | 16.47  | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 120593   | 14.16  | ug/l   | 99       |

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

Quant Time: Jun 03 05:31:11 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

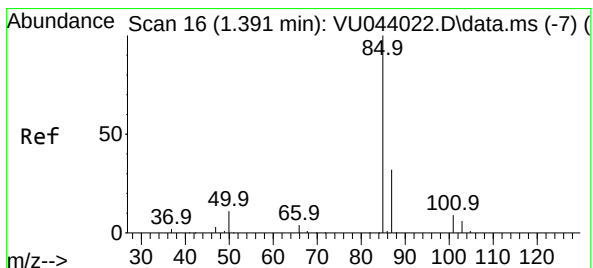
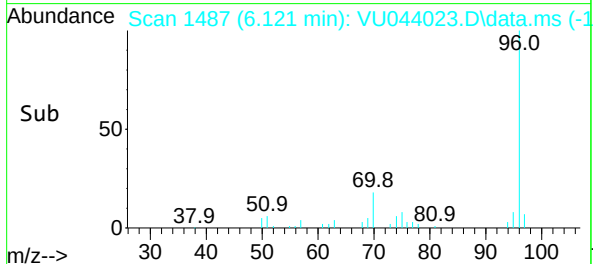
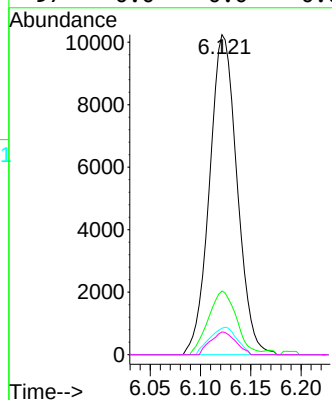
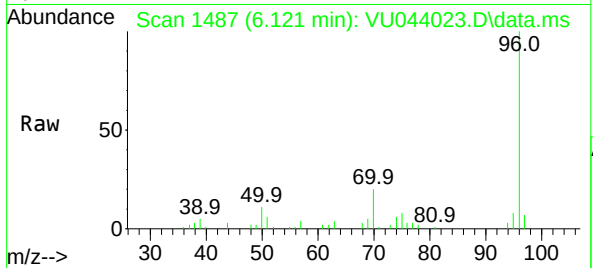




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.121 min Scan# 1487  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

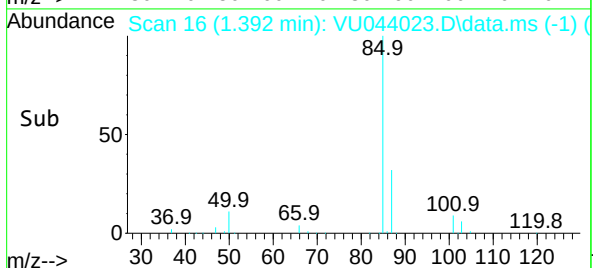
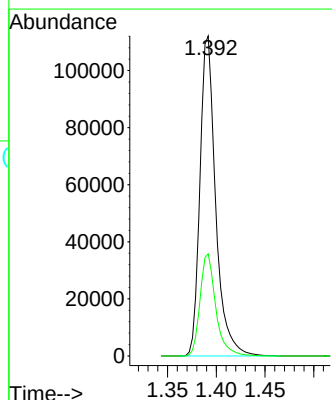
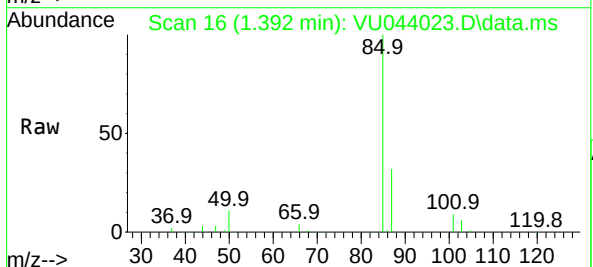
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

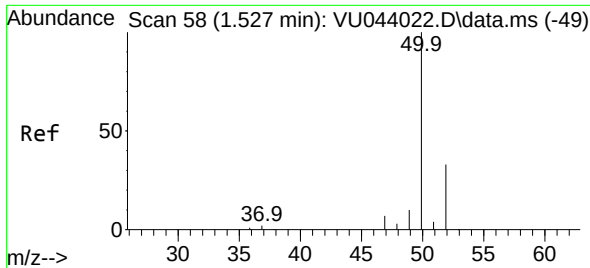
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 19496 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 19.3     | 16.0 24.0   |
| 95 0.0      | 6.5 9.7#    |
| 97 0.0      | 0.0 0.0     |



#2  
Dichlorodifluoromethane  
Concen: 16.25 ug/l  
RT: 1.392 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

|             |              |
|-------------|--------------|
| Tgt Ion: 85 | Resp: 125461 |
| Ion Ratio   | Lower Upper  |
| 85 100      |              |
| 87 31.9     | 16.0 47.9    |

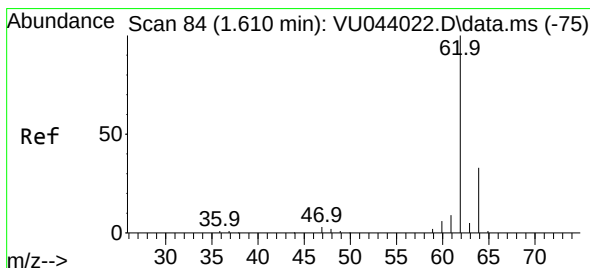
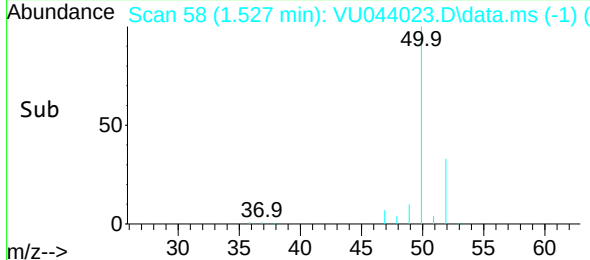
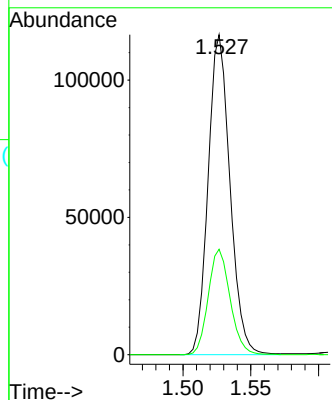
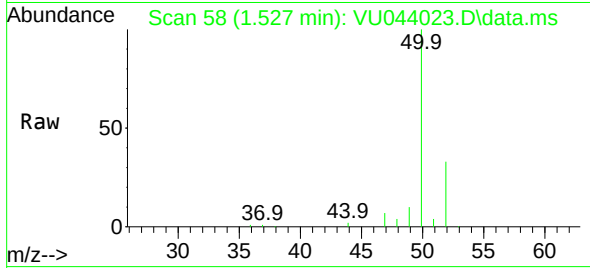




#3  
Chloromethane  
Concen: 17.43 ug/l  
RT: 1.527 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

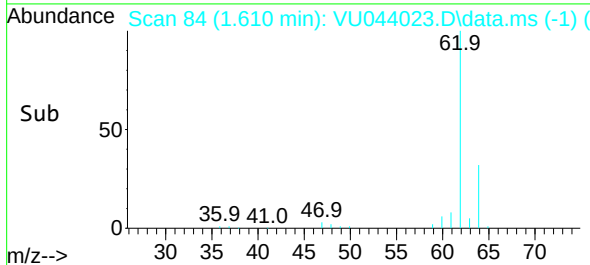
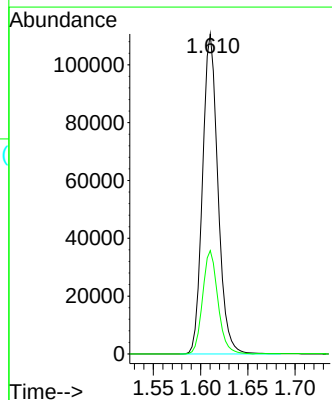
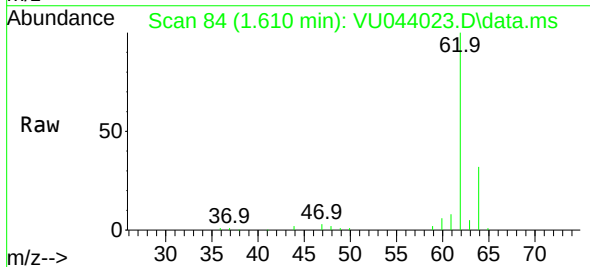
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

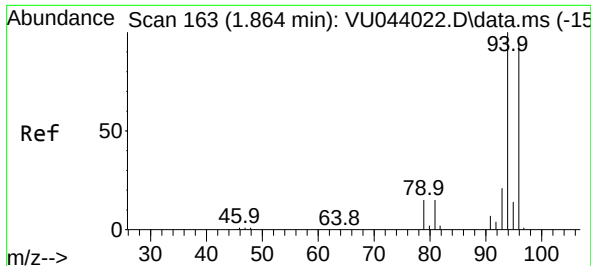
Tgt Ion: 50 Resp: 130411  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.4 39.6



#4  
Vinyl Chloride  
Concen: 17.49 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 62 Resp: 125382  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.1 39.1

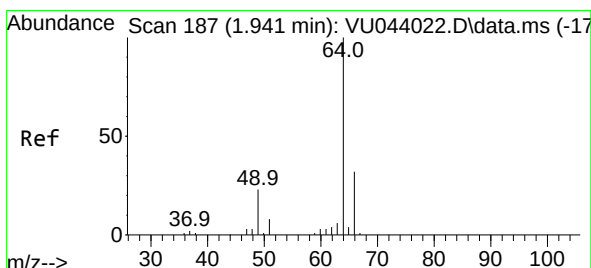
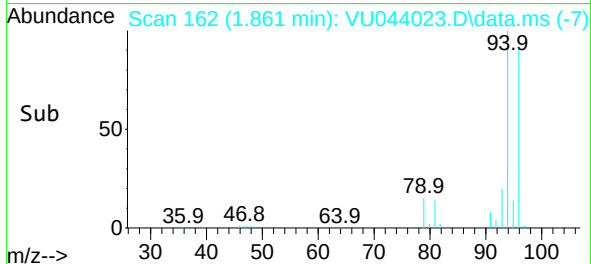
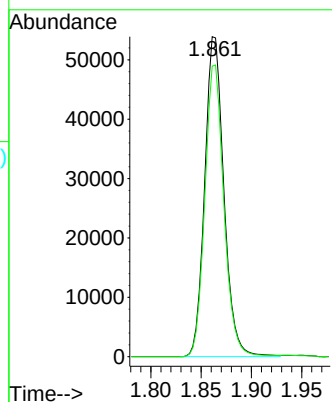
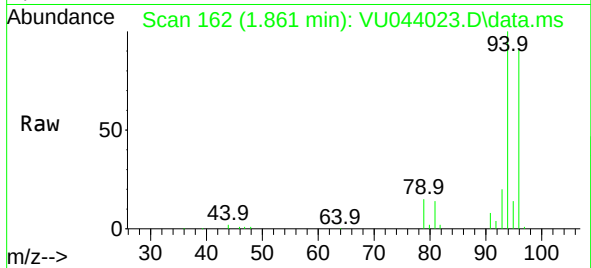




#5  
Bromomethane  
Concen: 15.79 ug/l  
RT: 1.861 min Scan# 162  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

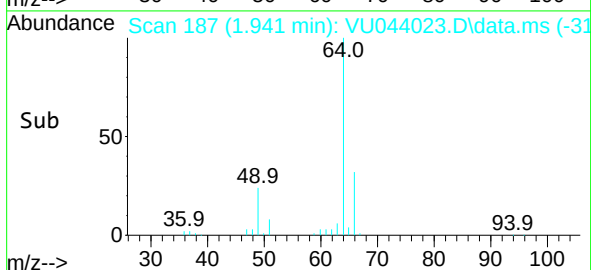
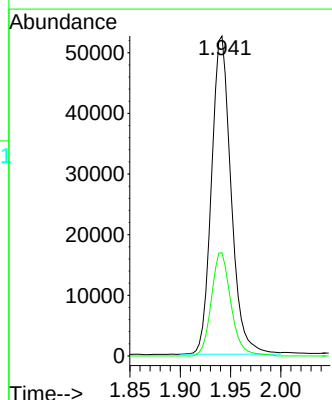
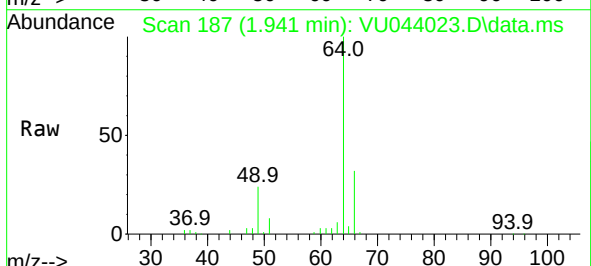
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

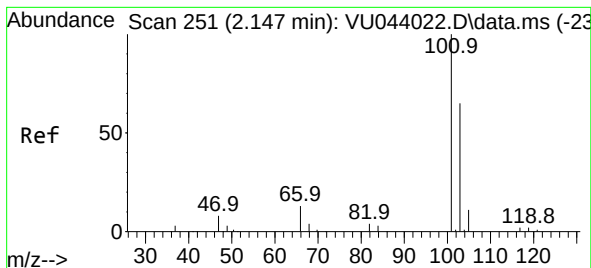
Tgt Ion: 94 Resp: 71526  
Ion Ratio Lower Upper  
94 100  
96 90.8 75.5 113.3



#6  
Chloroethane  
Concen: 15.04 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 64 Resp: 70984  
Ion Ratio Lower Upper  
64 100  
66 32.4 25.4 38.0

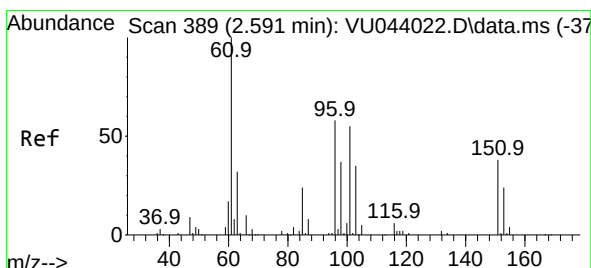
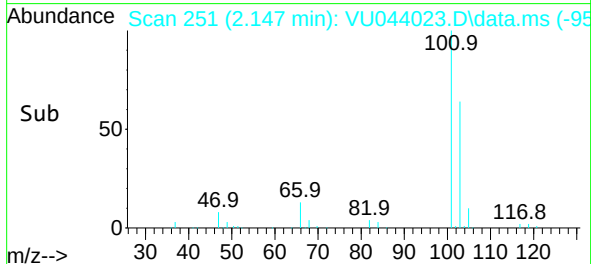
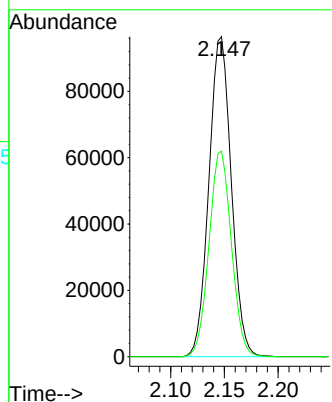
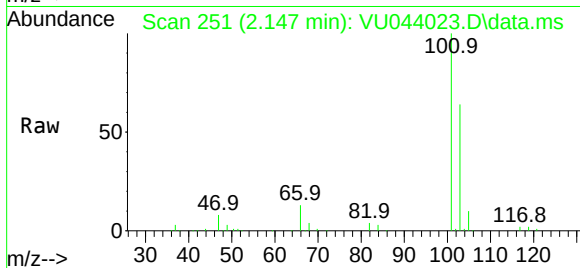




#7  
 Trichlorofluoromethane  
 Concen: 12.29 ug/l  
 RT: 2.147 min Scan# 251  
 Delta R.T. 0.000 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

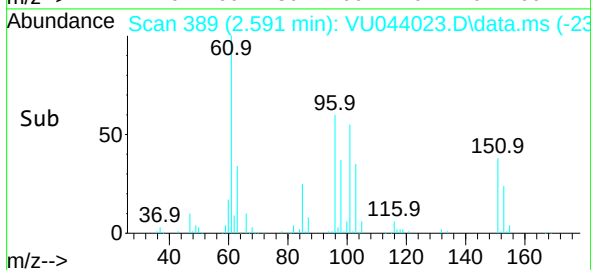
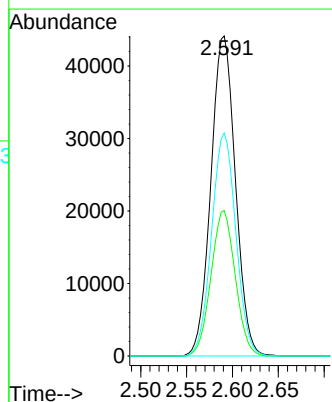
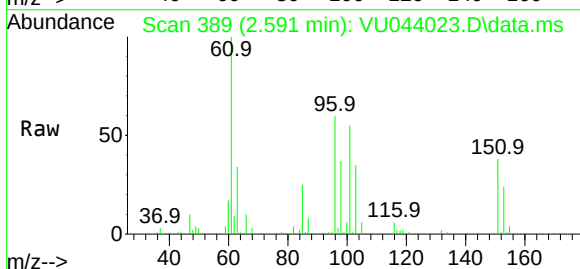
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

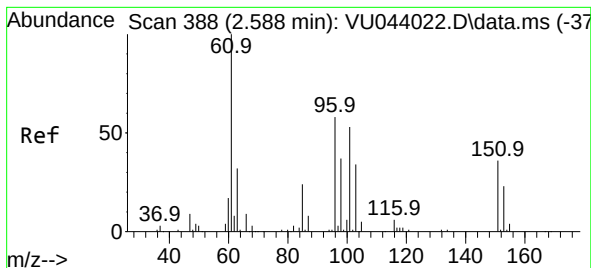
Tgt Ion:101 Resp: 140007  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 51.8 77.6



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 14.03 ug/l  
 RT: 2.591 min Scan# 389  
 Delta R.T. 0.000 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

Tgt Ion:101 Resp: 82312  
 Ion Ratio Lower Upper  
 101 100  
 85 44.8 35.2 52.8  
 151 69.0 54.6 81.8

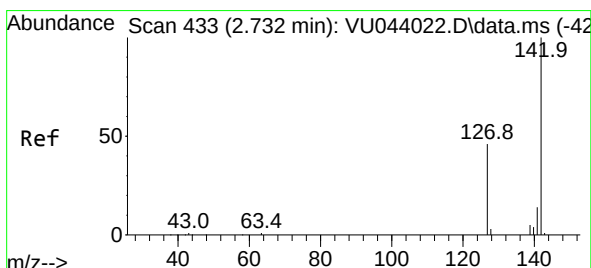
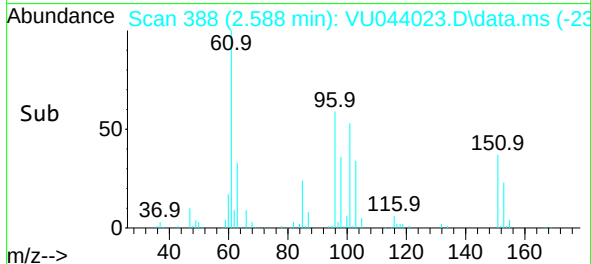
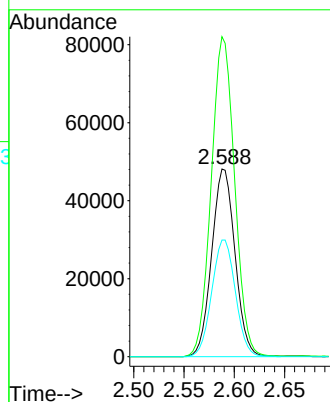
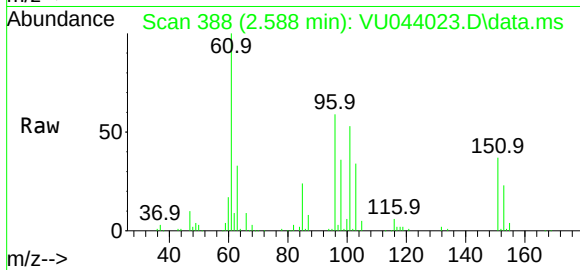




#9  
1,1-Dichloroethene  
Concen: 15.14 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

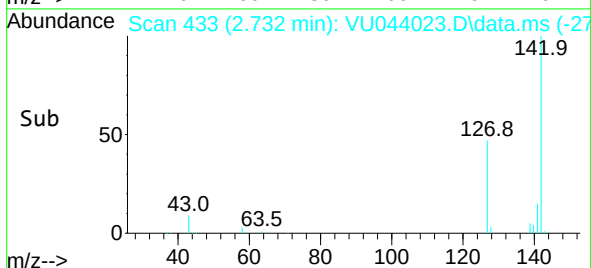
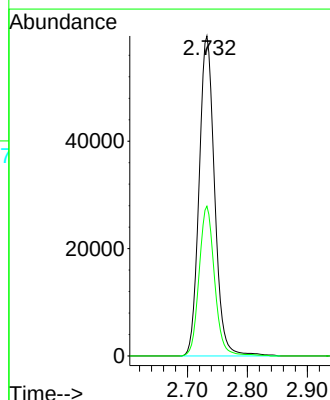
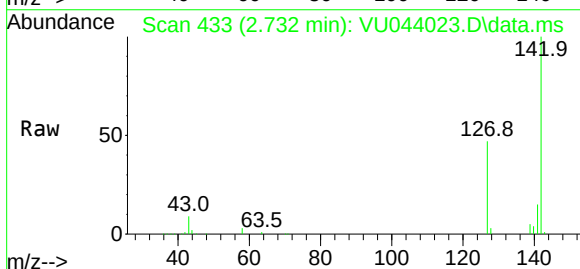
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion: 96 Resp: 77692  
Ion Ratio Lower Upper  
96 100  
61 170.5 0.0 518.1  
98 62.1 0.0 126.8

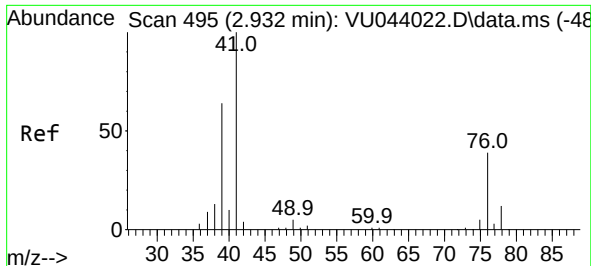


#10  
Iodomethane  
Concen: 13.72 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 142 Resp: 107520  
Ion Ratio Lower Upper  
142 100  
127 46.8 37.0 55.4







#11

Allyl Chloride

Concen: 13.11 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Instrument :

MSVOA\_U

ClientSampleId :

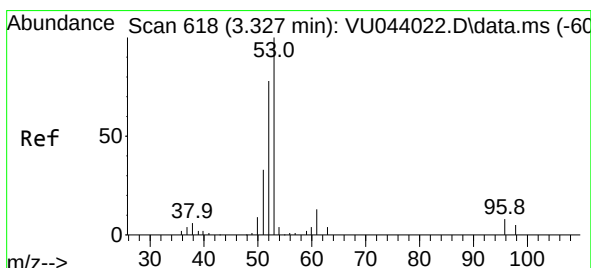
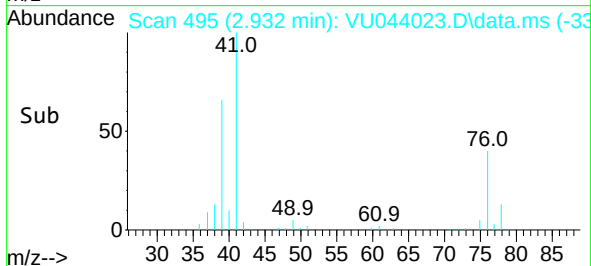
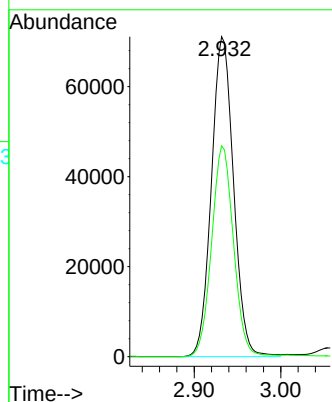
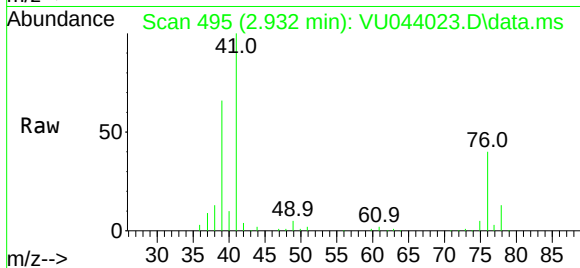
VSTDIC015

Tgt Ion: 41 Resp: 126256

Ion Ratio Lower Upper

41 100

39 65.2 51.8 77.8



#12

Acrylonitrile

Concen: 20.74 ug/l

RT: 3.330 min Scan# 619

Delta R.T. 0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

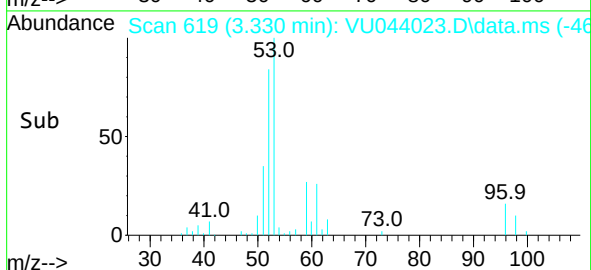
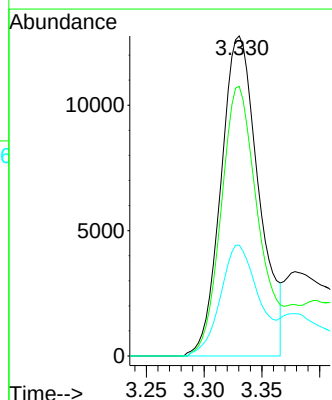
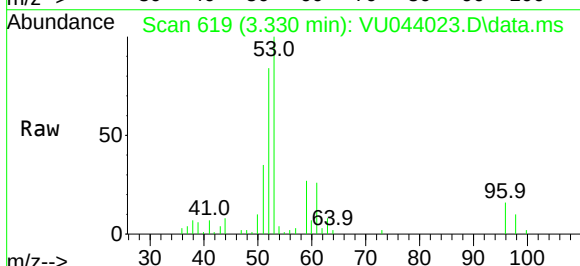
Tgt Ion: 53 Resp: 29053

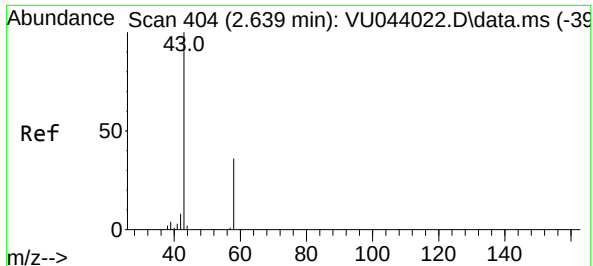
Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

51 35.2 27.0 40.4

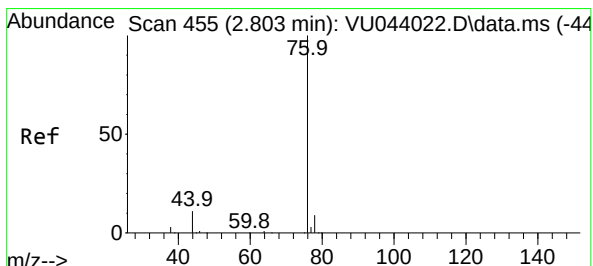
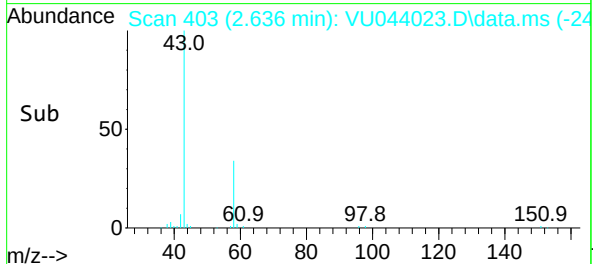
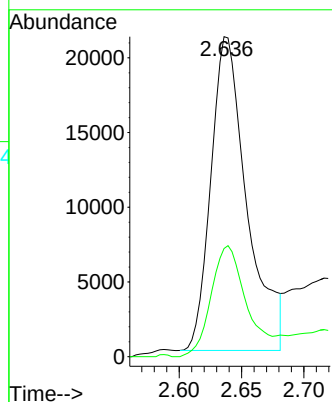
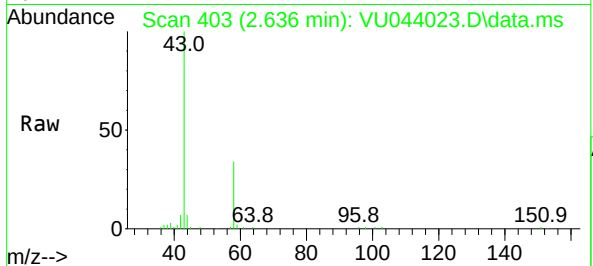




#13  
Acetone  
Concen: 40.03 ug/l  
RT: 2.636 min Scan# 403  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

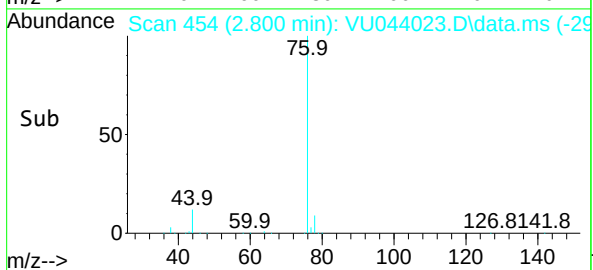
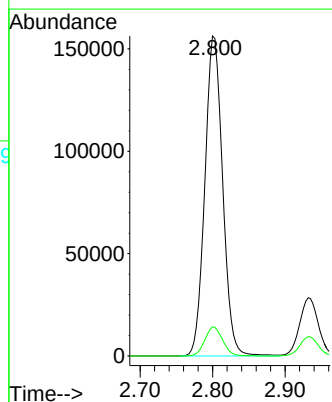
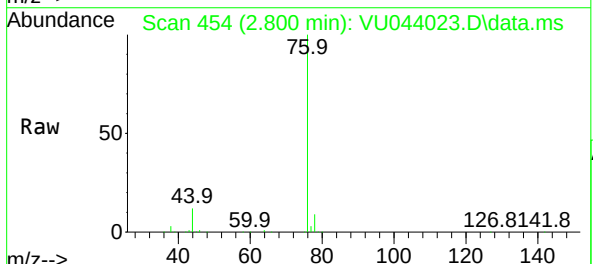
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

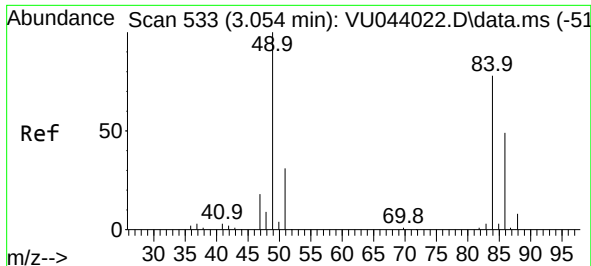
Tgt Ion: 43 Resp: 42288  
Ion Ratio Lower Upper  
43 100  
58 34.5 28.8 43.2



#14  
Carbon Disulfide  
Concen: 16.33 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 76 Resp: 266886  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



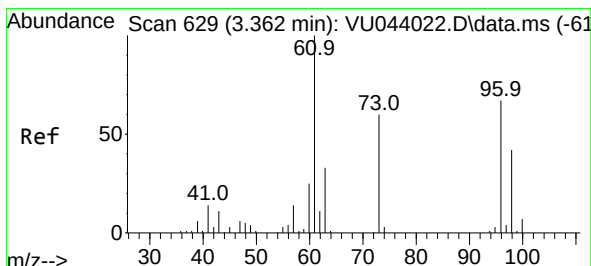
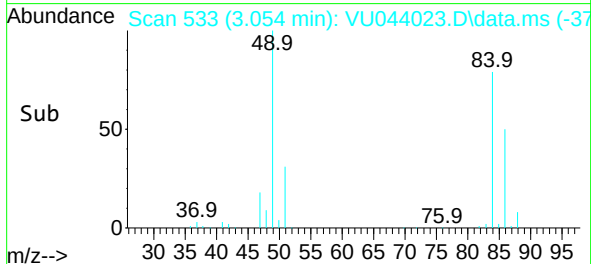
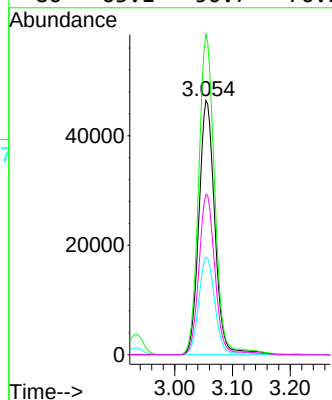
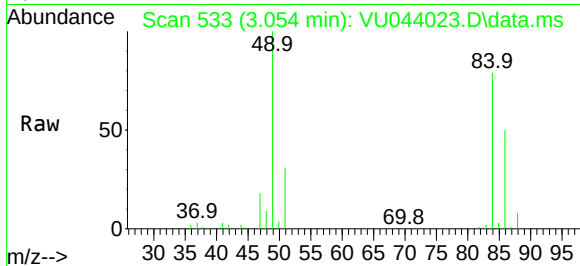


#15  
Methylene Chloride  
Concen: 14.32 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion: 84 Resp: 89214

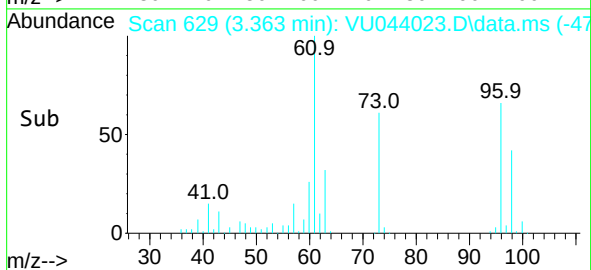
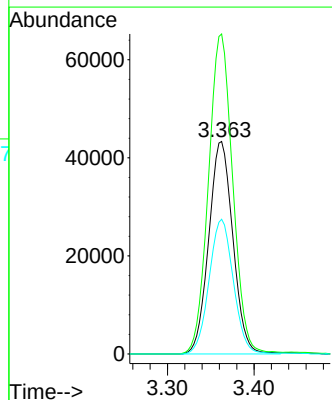
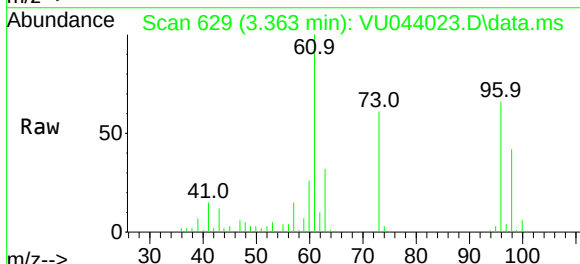
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.9 | 103.0 | 154.4 |
| 51  | 38.4  | 0.0   | 79.6  |
| 86  | 63.1  | 50.7  | 76.1  |

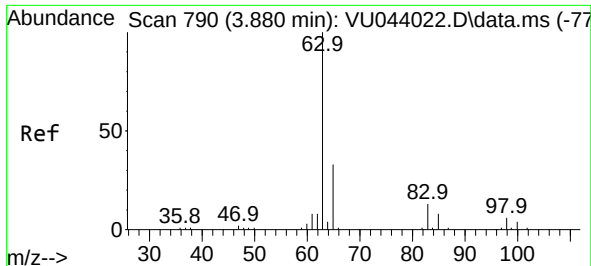


#16  
trans-1,2-Dichloroethene  
Concen: 15.12 ug/l  
RT: 3.363 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 96 Resp: 84000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 150.6 | 119.8 | 179.6 |
| 98  | 63.4  | 49.8  | 74.6  |



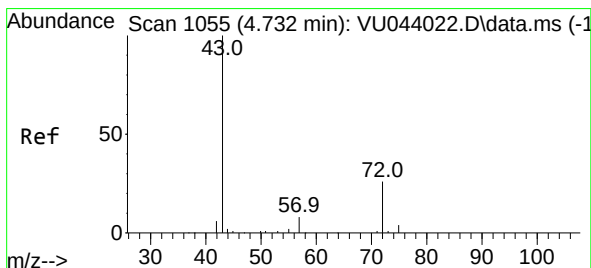
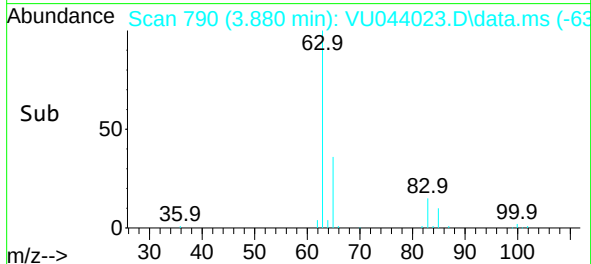
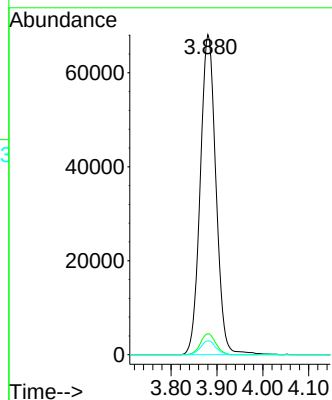
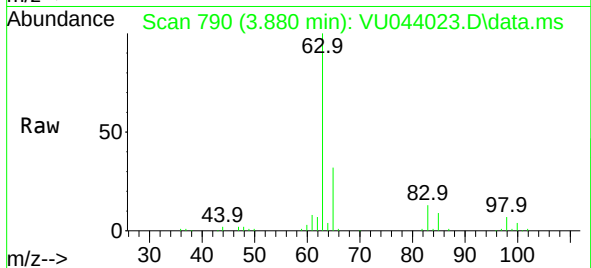


#17

1,1-Dichloroethane  
Concen: 14.34 ug/l  
RT: 3.880 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

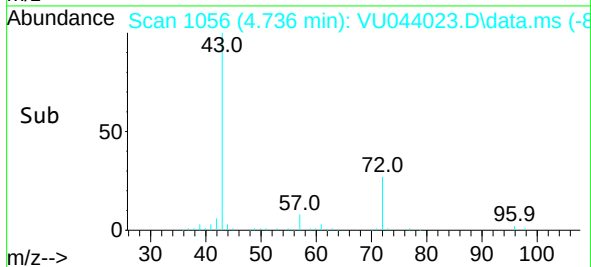
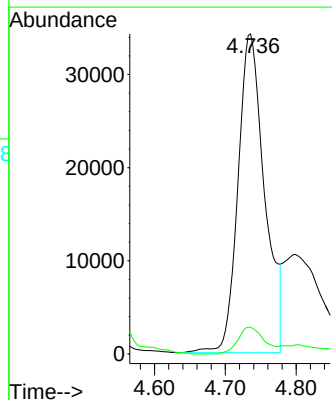
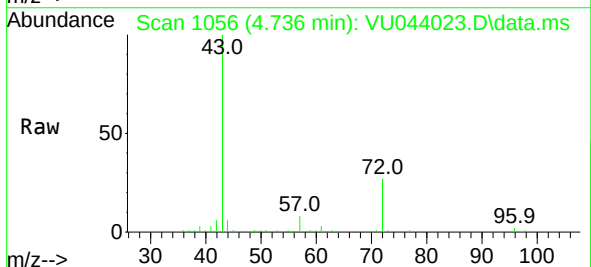
Tgt Ion: 63 Resp: 161937  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.2 9.6  
100 4.3 2.1 6.5

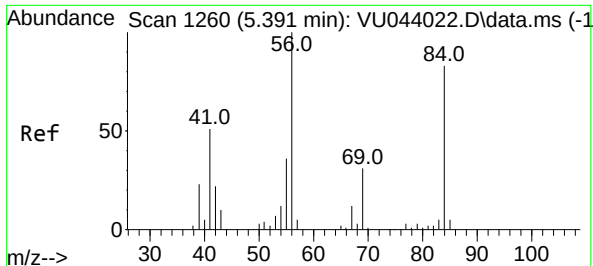


#18

2-Butanone  
Concen: 45.37 ug/l  
RT: 4.736 min Scan# 1056  
Delta R.T. 0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 43 Resp: 89364  
Ion Ratio Lower Upper  
43 100  
57 7.9 0.0 15.8





#19

Cyclohexane

Concen: 14.60 ug/l

RT: 5.391 min Scan# 1260

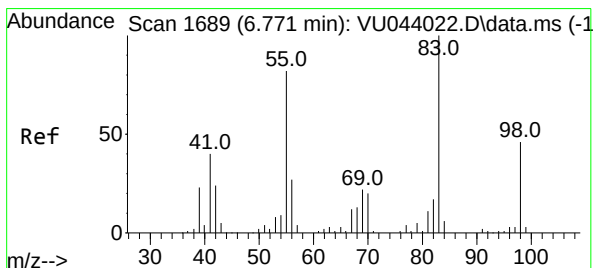
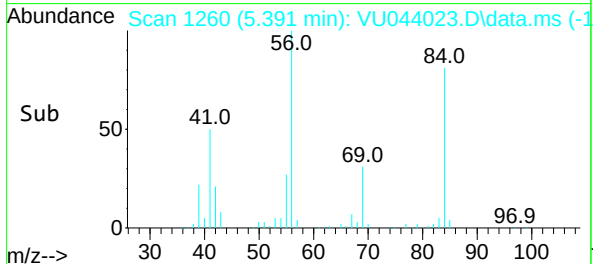
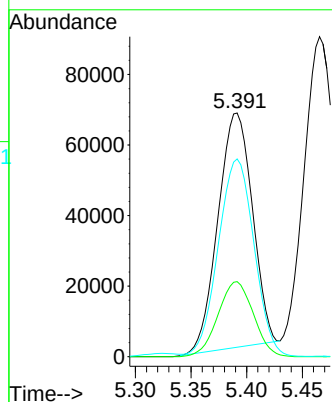
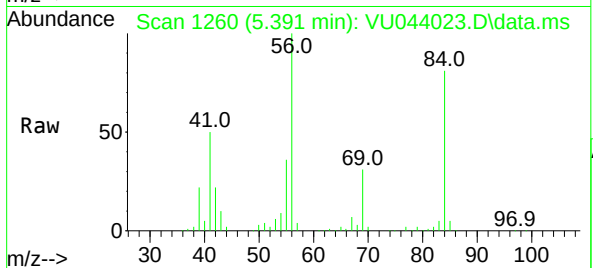
Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 142985 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 32.9  | 24.2  | 36.2   |
| 84       | 86.4  | 66.3  | 99.5   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015



#20

Methylcyclohexane

Concen: 18.06 ug/l

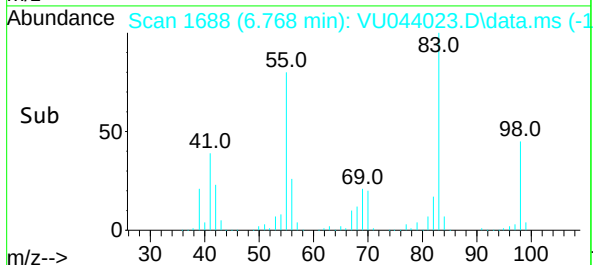
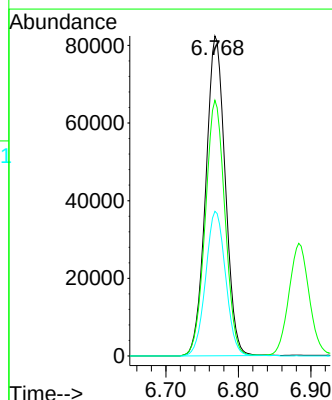
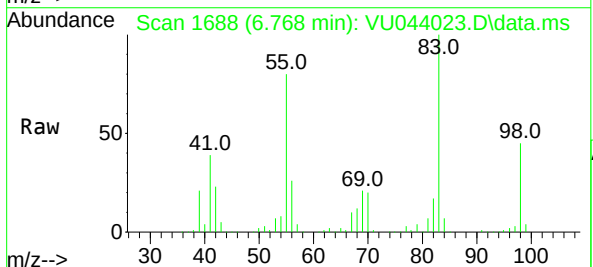
RT: 6.768 min Scan# 1688

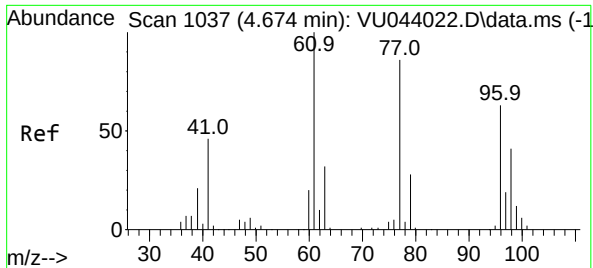
Delta R.T. -0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 153672 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 80.6  | 65.7  | 98.5   |
| 98       | 46.2  | 37.4  | 56.2   |





#21

2,2-Dichloropropane

Concen: 12.93 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU044023.D

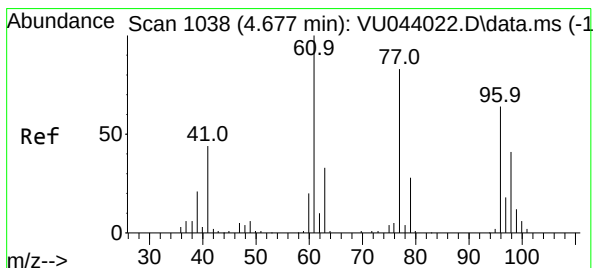
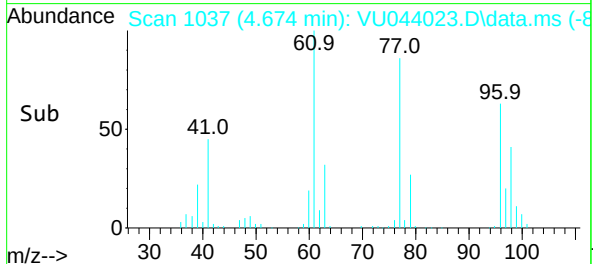
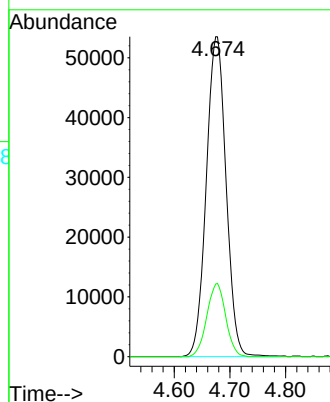
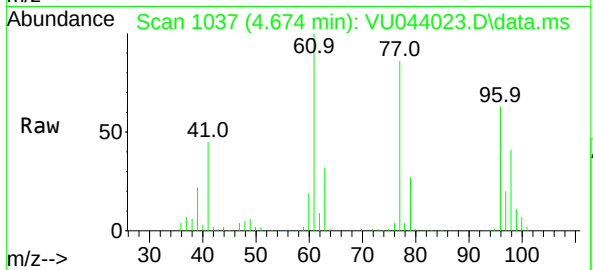
Acq: 02 Jun 2021 12:57

Tgt Ion: 77 Resp: 131970

Ion Ratio Lower Upper

77 100

97 21.8 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 14.56 ug/l

RT: 4.678 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

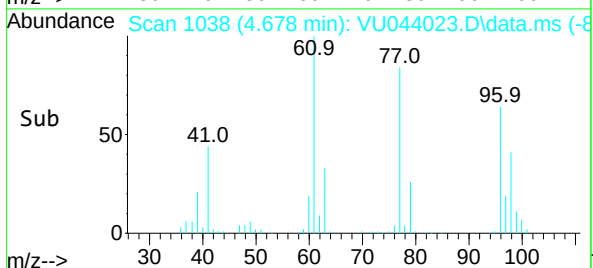
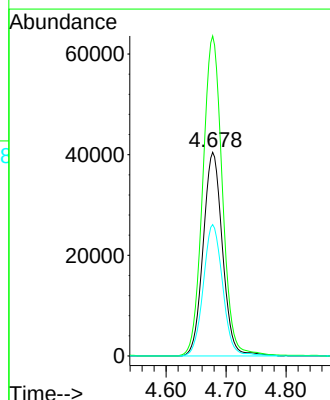
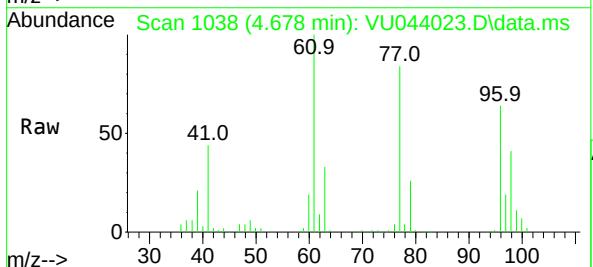
Tgt Ion: 96 Resp: 90719

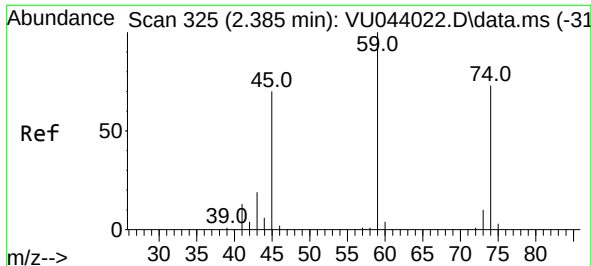
Ion Ratio Lower Upper

96 100

61 159.2 0.0 399.5

98 64.8 32.2 96.6

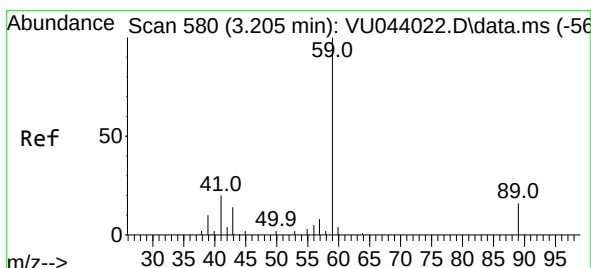
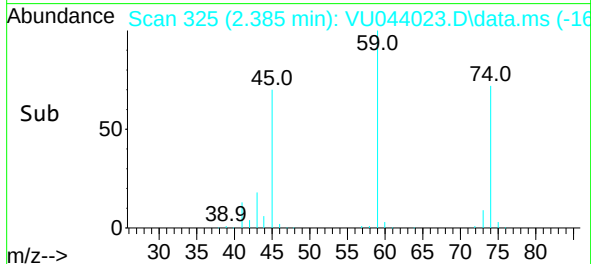
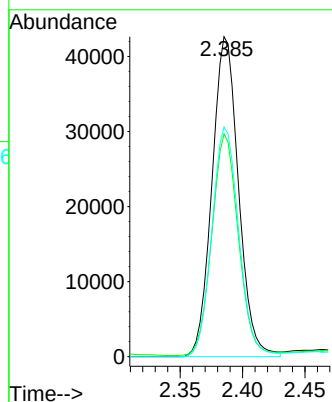
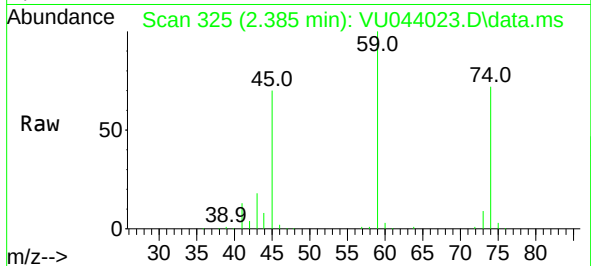




#23  
Diethyl Ether  
Concen: 14.65 ug/l  
RT: 2.385 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

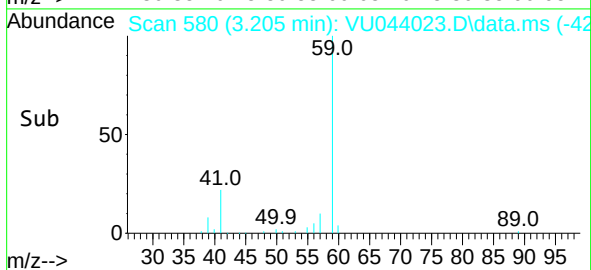
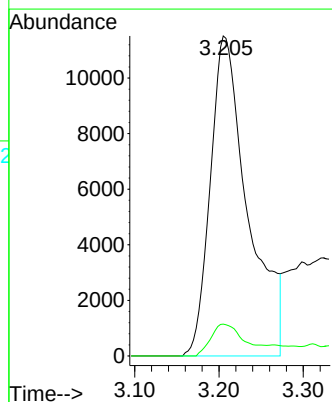
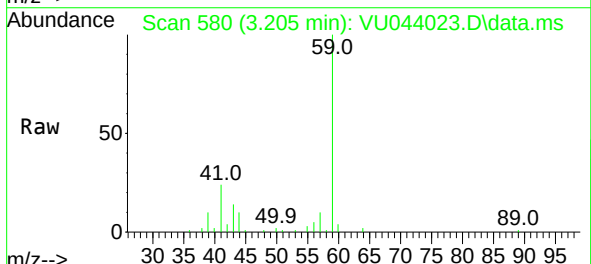
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

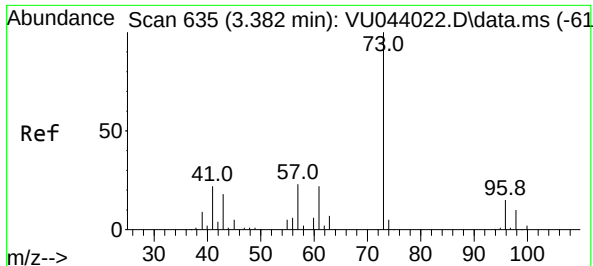
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 63156 |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 45       | 69.3  | 55.5  | 83.3  |
| 74       | 72.7  | 58.8  | 88.2  |



#24  
tert-Butyl Alcohol  
Concen: 127.04 ug/l  
RT: 3.205 min Scan# 580  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 35692 |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 57       | 9.1   | 6.6   | 9.8   |

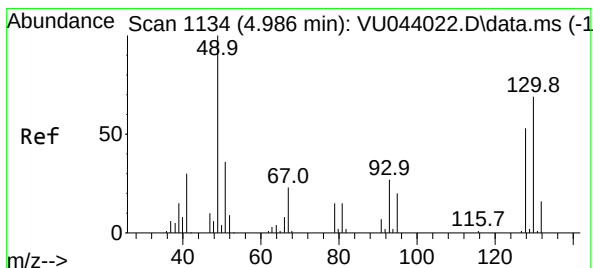
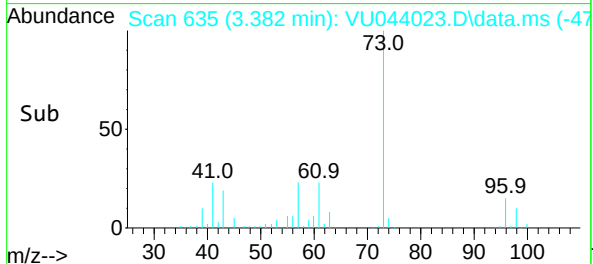
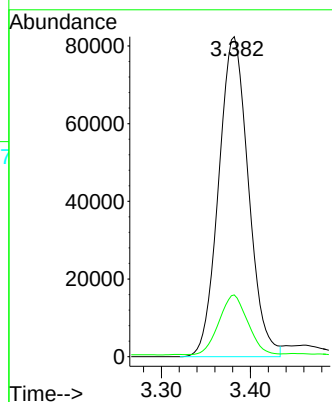
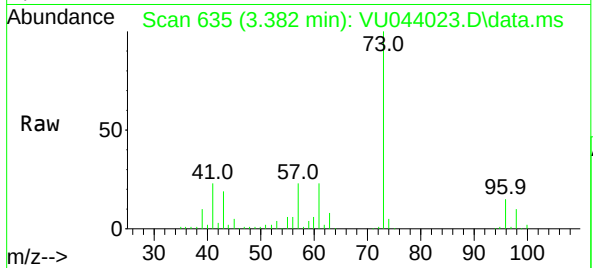




#25  
Methyl tert-Butyl Ether  
Concen: 12.89 ug/l  
RT: 3.382 min Scan# 635  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

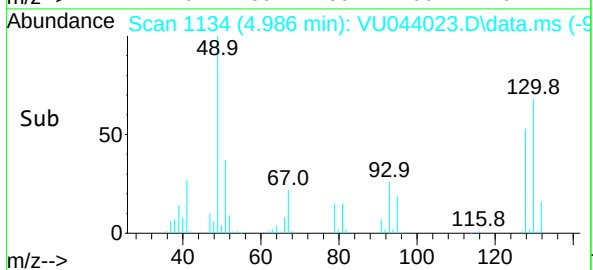
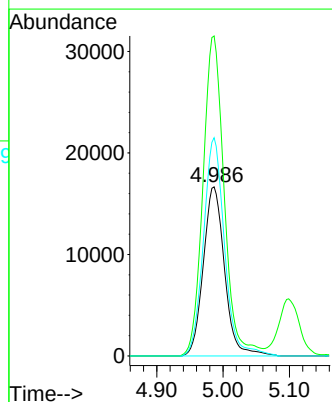
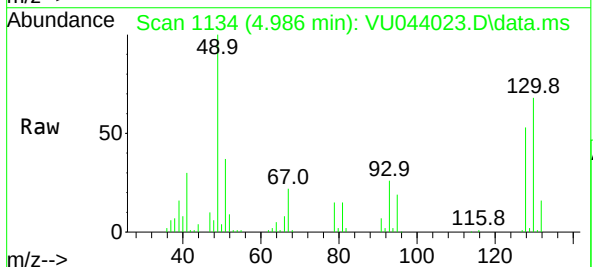
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion: 73 Resp: 191121  
Ion Ratio Lower Upper  
73 100  
43 17.8 14.1 21.1

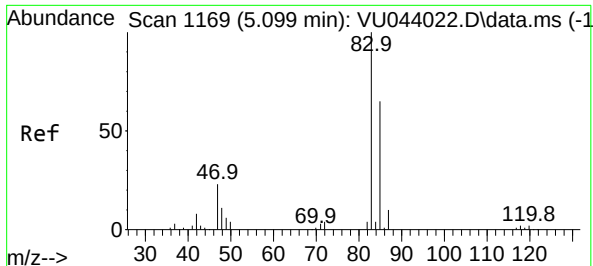


#26  
Bromochloromethane  
Concen: 12.80 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 128 Resp: 37096  
Ion Ratio Lower Upper  
128 100  
49 188.4 0.0 388.6  
130 127.9 104.2 156.4





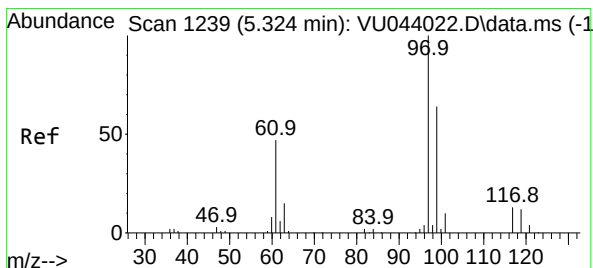
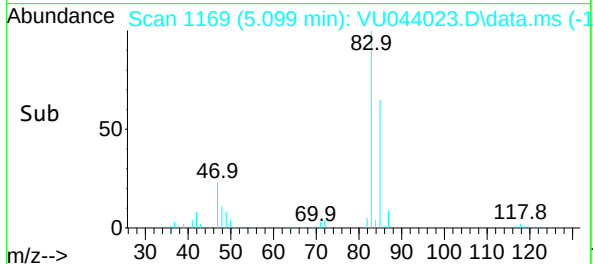
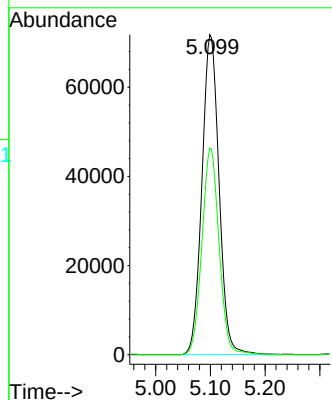
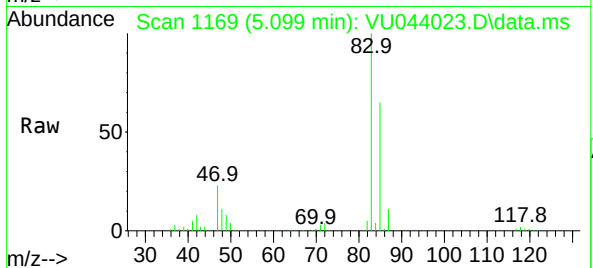


#27

Chloroform  
Concen: 13.36 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

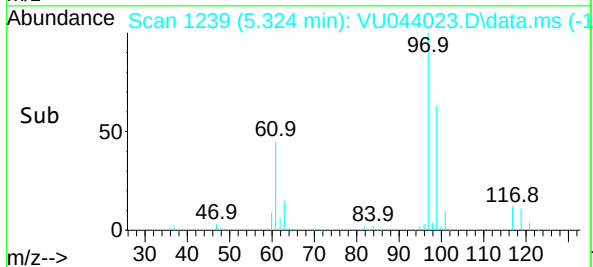
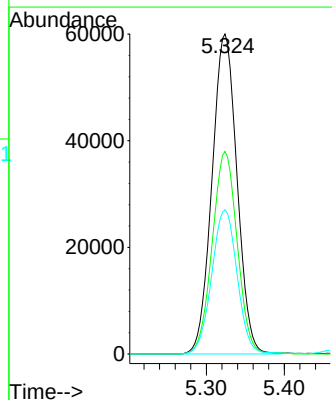
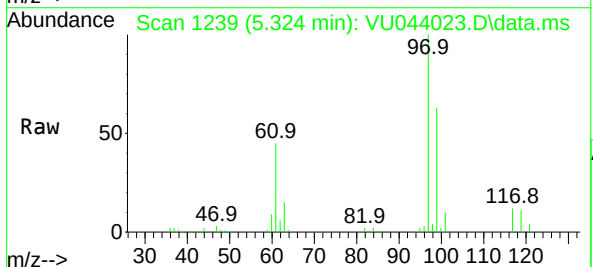
Tgt Ion: 83 Resp: 155886  
Ion Ratio Lower Upper  
83 100  
85 64.5 0.0 129.2

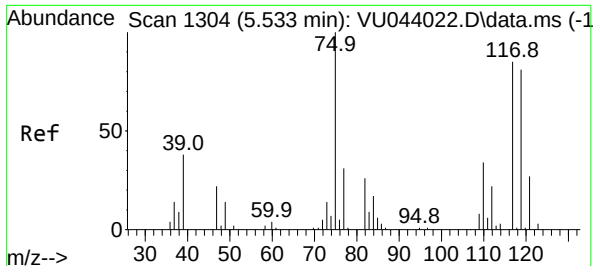


#28

1,1,1-Trichloroethane  
Concen: 12.74 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 97 Resp: 133958  
Ion Ratio Lower Upper  
97 100  
99 63.1 32.3 96.9  
61 46.0 23.5 70.6

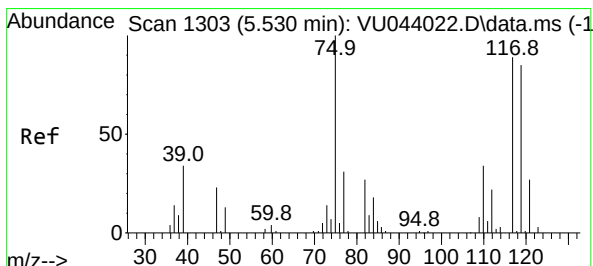
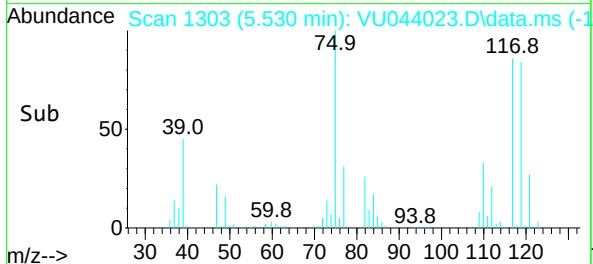
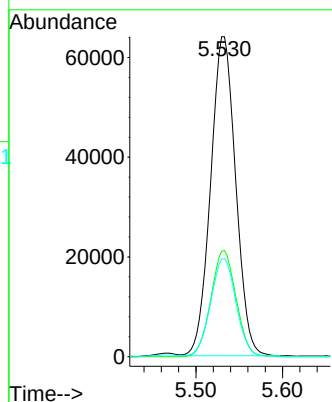
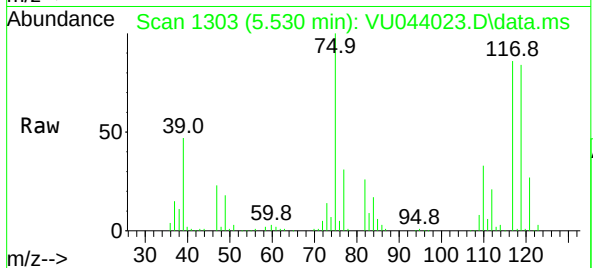




#29  
1,1-Dichloropropene  
Concen: 16.74 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

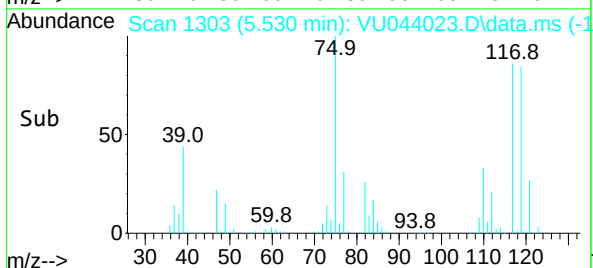
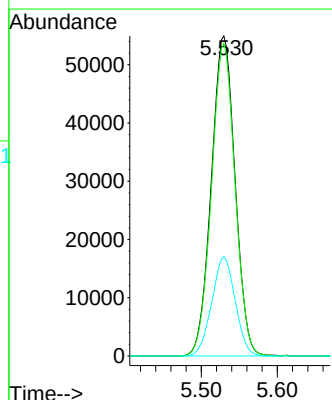
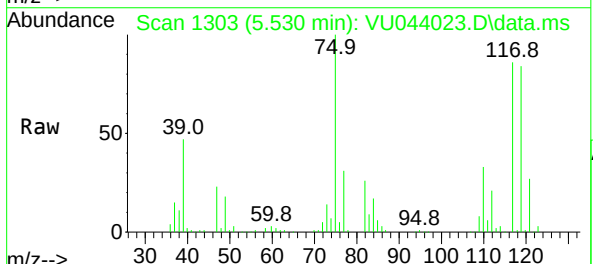
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

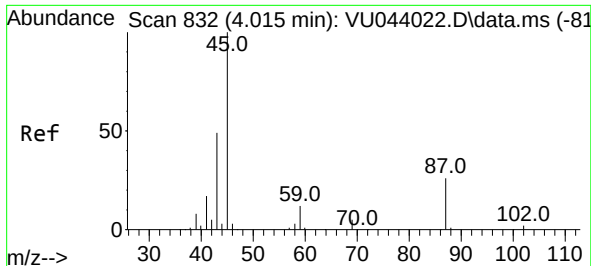
Tgt Ion: 75 Resp: 128628  
Ion Ratio Lower Upper  
75 100  
110 33.4 16.7 50.1  
77 31.5 25.3 37.9



#30  
Carbon Tetrachloride  
Concen: 14.49 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 117 Resp: 119186  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.4 114.6  
121 31.0 24.2 36.4

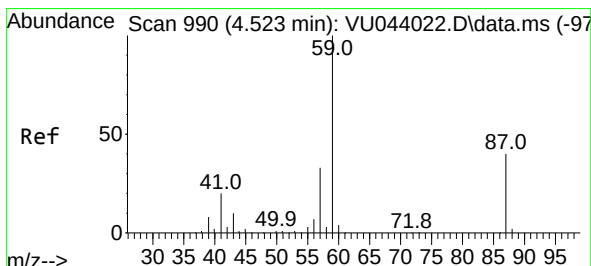
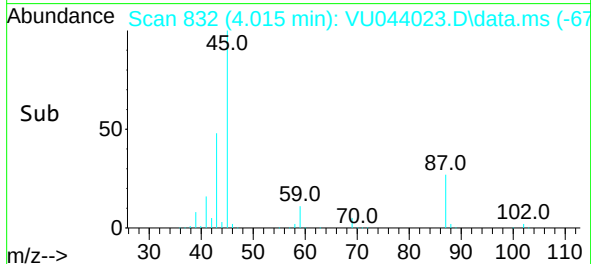
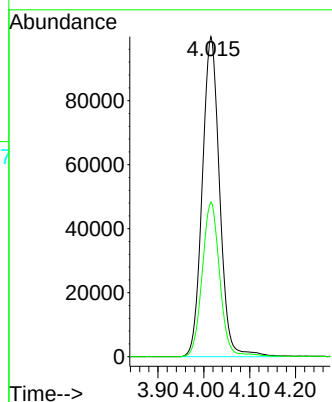
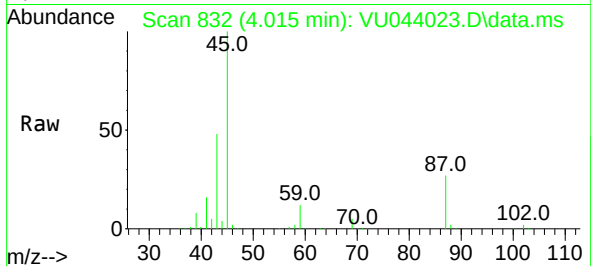




#31  
Isopropyl Ether  
Concen: 13.21 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

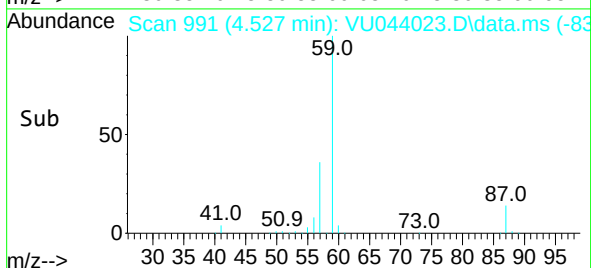
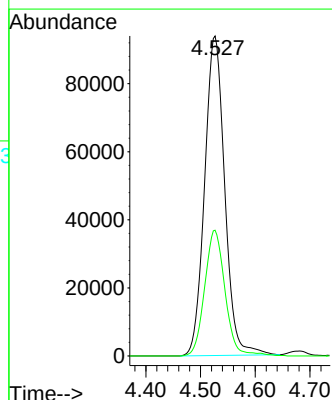
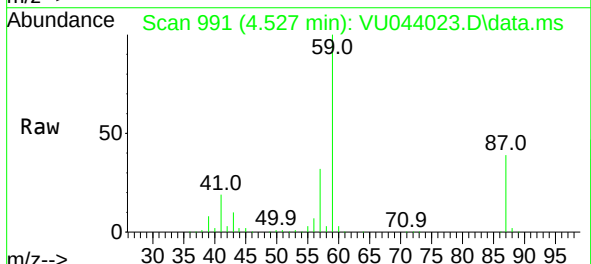
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

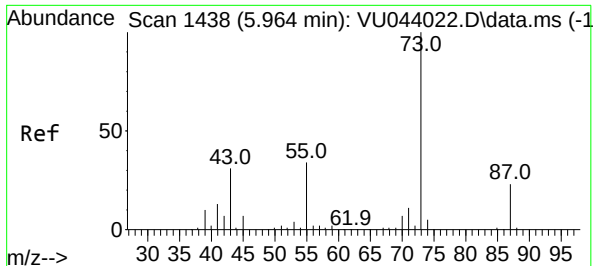
Tgt Ion: 45 Resp: 262798  
Ion Ratio Lower Upper  
45 100  
43 48.2 24.4 73.4



#32  
Ethyl-t-butyl ether  
Concen: 13.52 ug/l  
RT: 4.527 min Scan# 991  
Delta R.T. 0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 59 Resp: 239793  
Ion Ratio Lower Upper  
59 100  
87 40.0 30.8 46.2

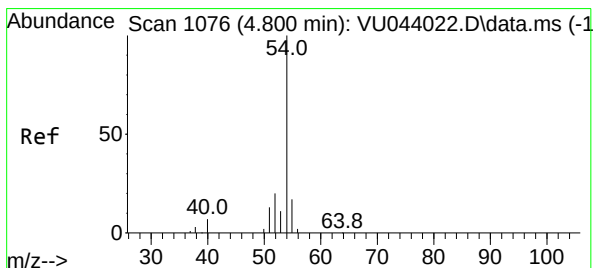
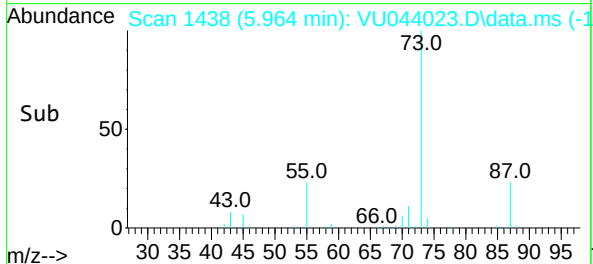
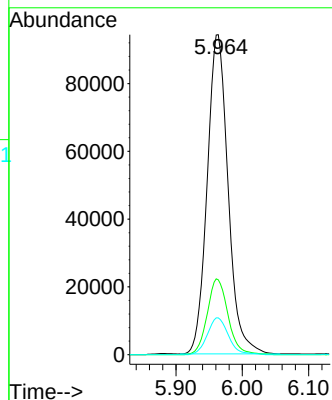
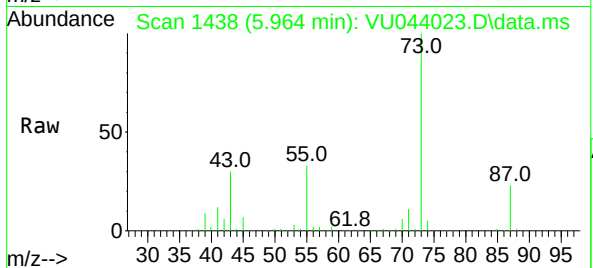




#33  
Tert-Amyl methyl ether  
Concen: 15.85 ug/l  
RT: 5.964 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

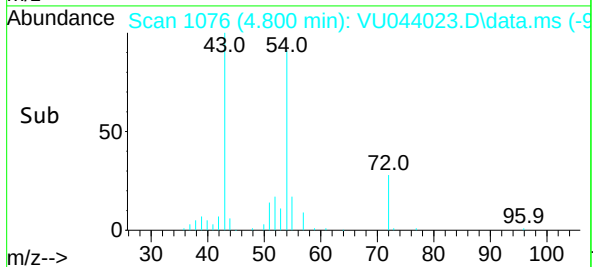
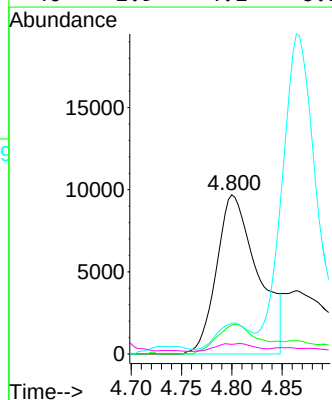
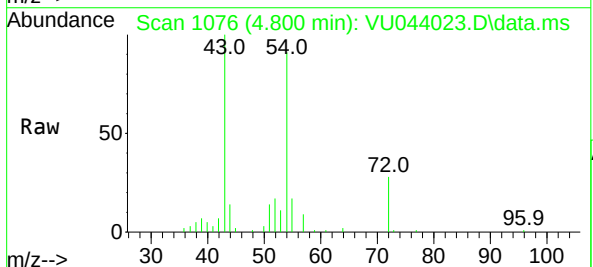
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

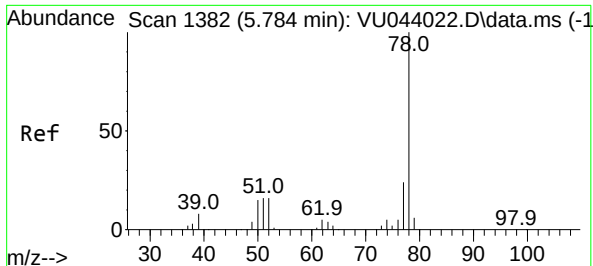
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 73    | Resp: | 206320 |
| Ion      | Ratio | Lower | Upper  |
| 73       | 100   |       |        |
| 87       | 23.7  | 19.0  | 28.4   |
| 71       | 11.7  | 9.3   | 13.9   |



#34  
Propionitrile  
Concen: 63.66 ug/l  
RT: 4.800 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 54    | Resp: | 27562 |
| Ion      | Ratio | Lower | Upper |
| 54       | 100   |       |       |
| 52       | 17.6  | 15.0  | 22.4  |
| 55       | 12.7  | 13.4  | 20.2# |
| 40       | 1.9   | 4.1   | 6.1#  |

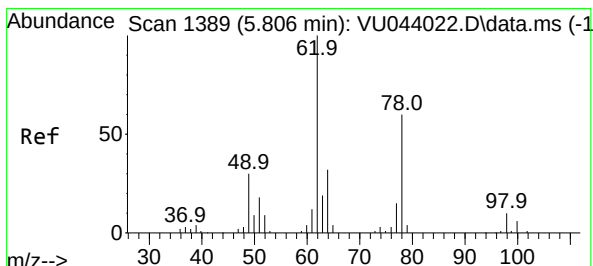
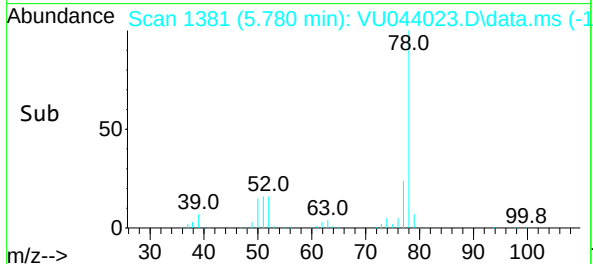
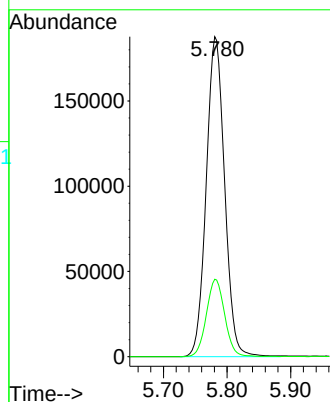
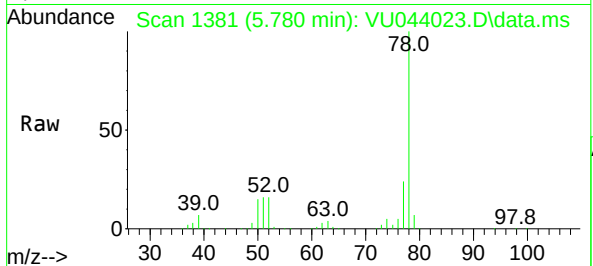




#35  
Benzene  
Concen: 17.29 ug/l  
RT: 5.780 min Scan# 1381  
Delta R.T. -0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

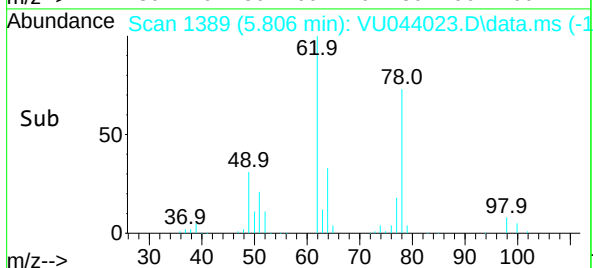
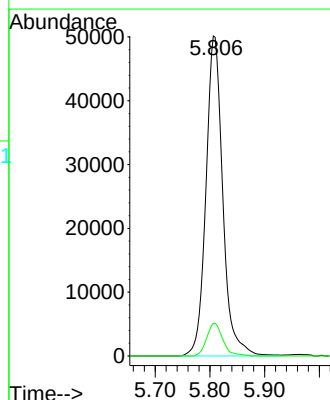
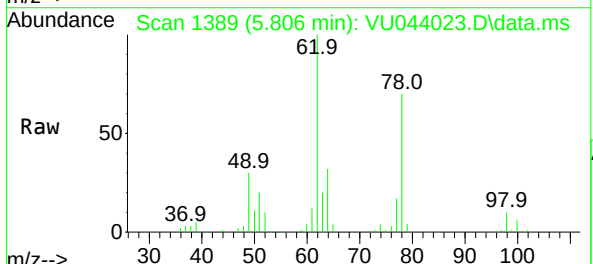
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

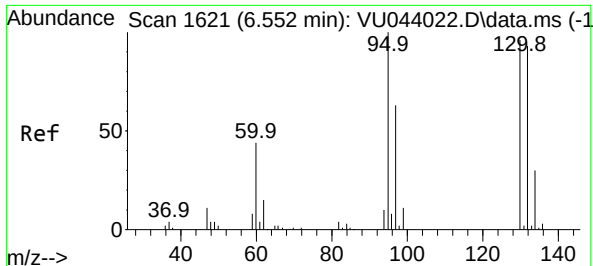
Tgt Ion: 78 Resp: 376471  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.6



#36  
1,2-Dichloroethane  
Concen: 13.29 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 62 Resp: 107274  
Ion Ratio Lower Upper  
62 100  
98 9.8 7.5 11.3





#37

Trichloroethene

Concen: 15.45 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU044023.D

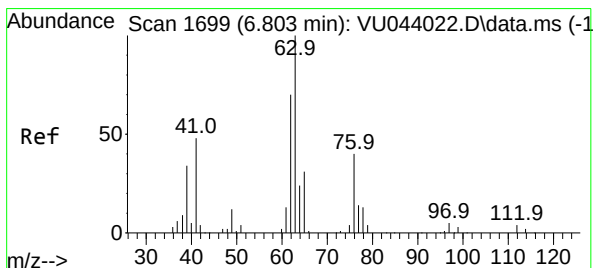
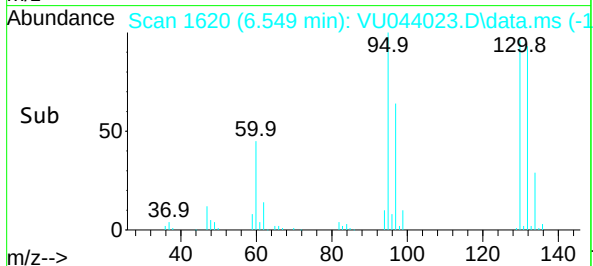
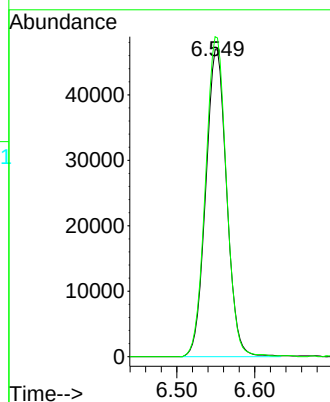
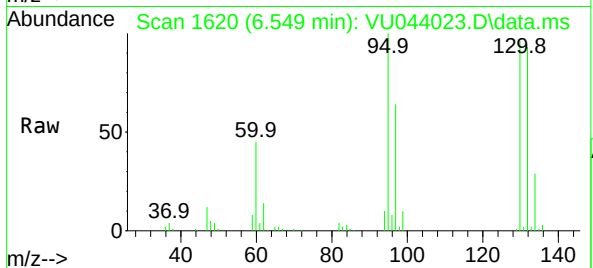
Acq: 02 Jun 2021 12:57

Tgt Ion:130 Resp: 87620

Ion Ratio Lower Upper

130 100

95 104.2 83.1 124.7



#38

1,2-Dichloropropane

Concen: 16.48 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU044023.D

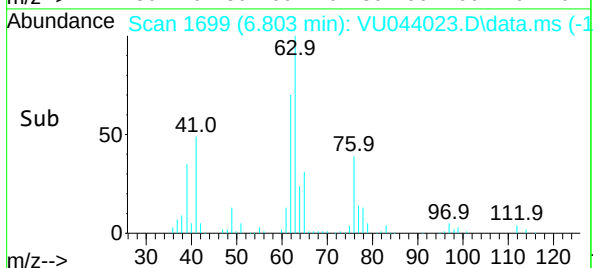
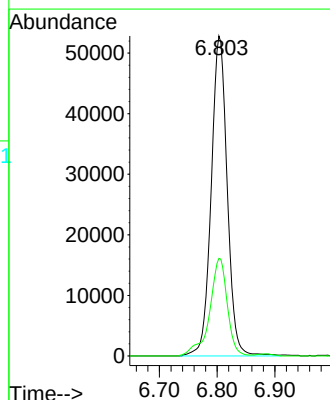
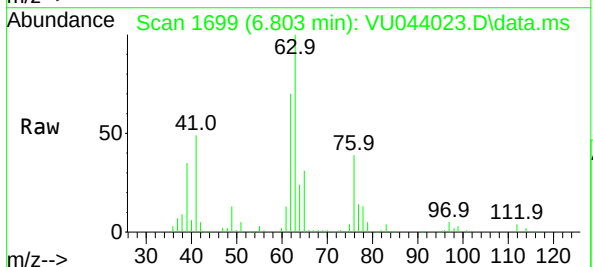
Acq: 02 Jun 2021 12:57

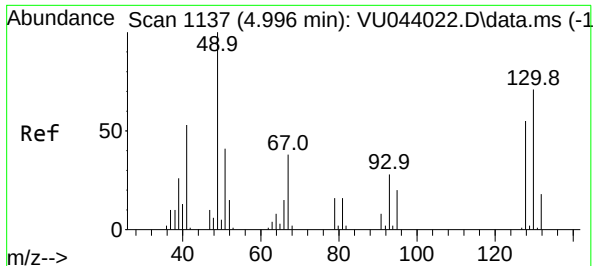
Tgt Ion: 63 Resp: 101929

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1





#39

Methacrylonitrile

Concen: 9.74 ug/l

RT: 4.996 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Tgt Ion: 41 Resp: 27151

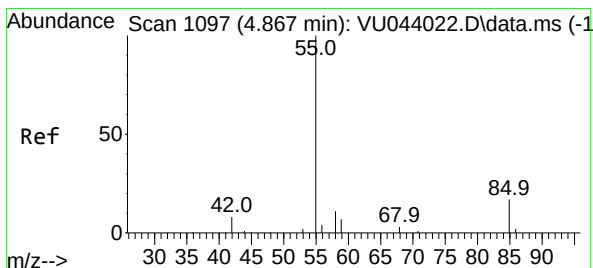
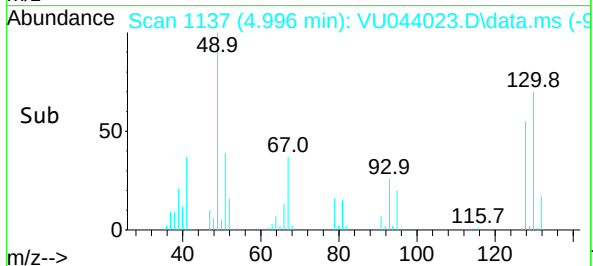
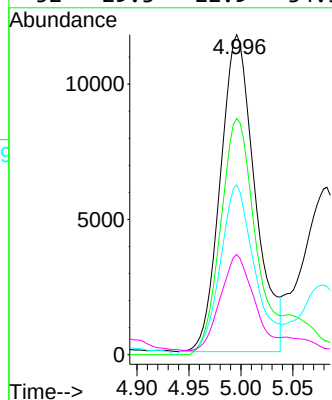
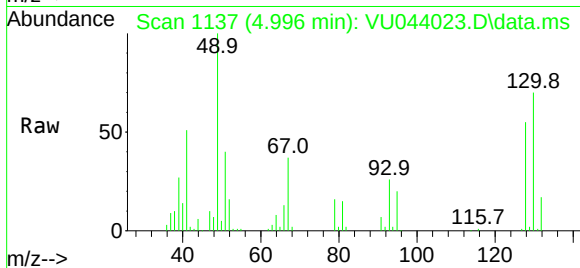
Ion Ratio Lower Upper

41 100

67 74.6 59.1 88.7

39 54.7 41.4 62.2

52 29.3 22.9 34.3



#40

Methyl acrylate

Concen: 11.08 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. -0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Tgt Ion: 55 Resp: 41446

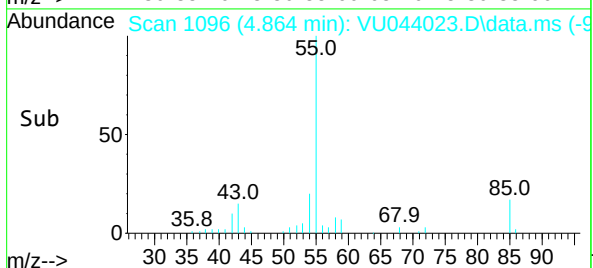
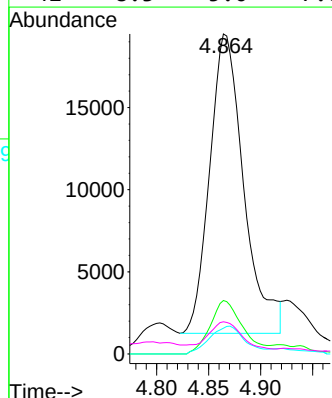
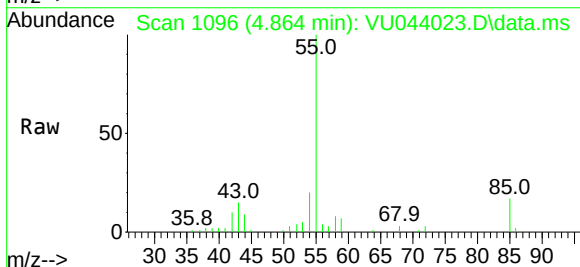
Ion Ratio Lower Upper

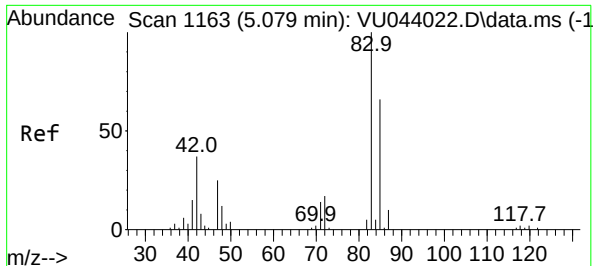
55 100

85 17.0 11.0 16.4#

58 9.6 6.2 9.2#

42 8.3 5.0 7.6#





#41

Tetrahydrofuran

Concen: 16.81 ug/l

RT: 5.083 min Scan# 1164

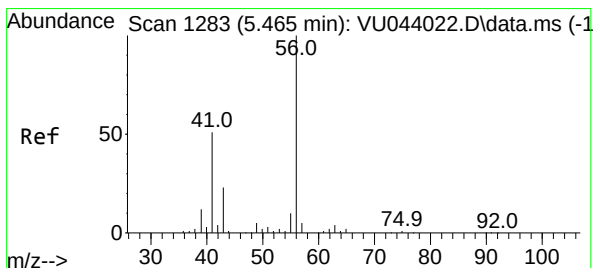
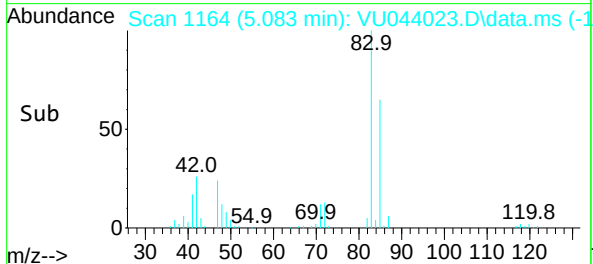
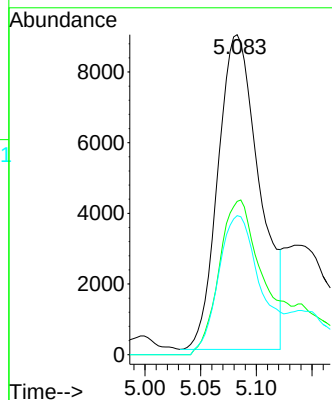
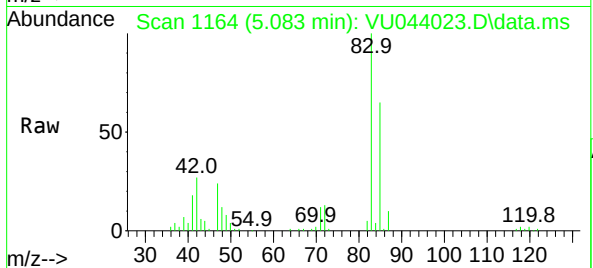
Delta R.T. 0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 23073 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 53.0  | 37.4  | 56.0  |
| 71        | 44.9  | 30.4  | 45.6  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015



#42

1-Chlorobutane

Concen: 16.17 ug/l

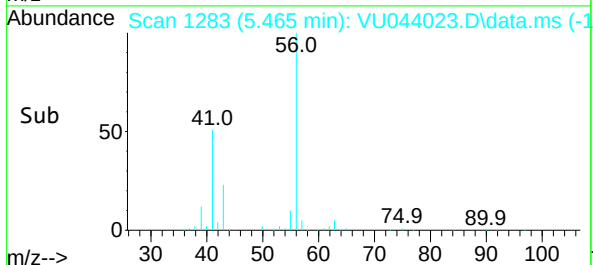
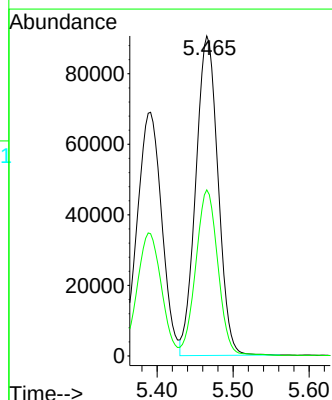
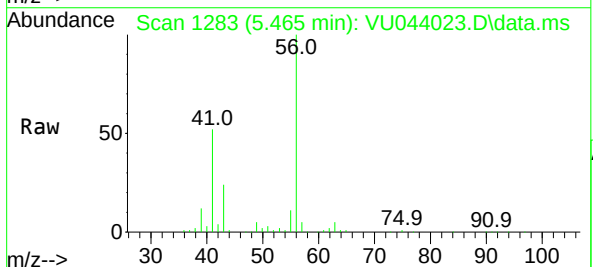
RT: 5.465 min Scan# 1283

Delta R.T. 0.000 min

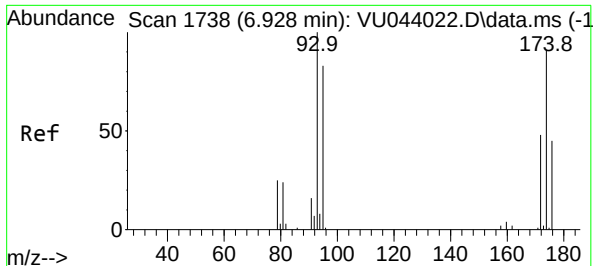
Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 183632 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 41        | 51.8  | 25.9  | 77.7   |







#43

Dibromomethane

Concen: 14.88 ug/l

RT: 6.928 min Scan# 1738

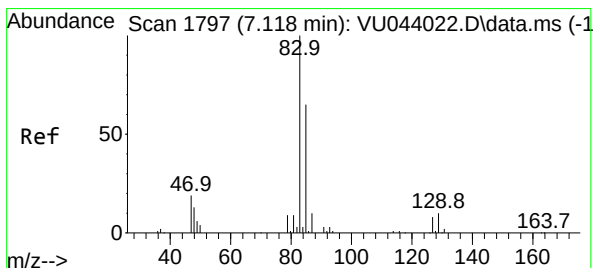
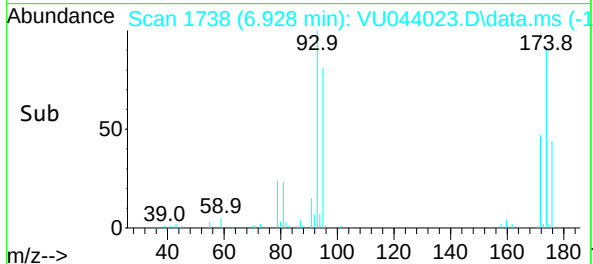
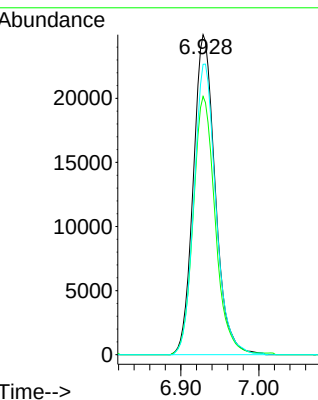
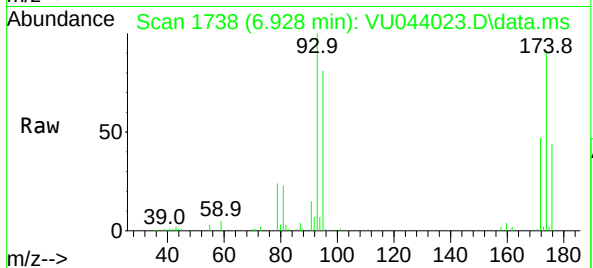
Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Tgt Ion: 93 Resp: 48814

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 81.0  | 66.6  | 100.0 |
| 174 | 91.0  | 74.2  | 111.4 |



#44

Bromodichloromethane

Concen: 15.53 ug/l

RT: 7.118 min Scan# 1797

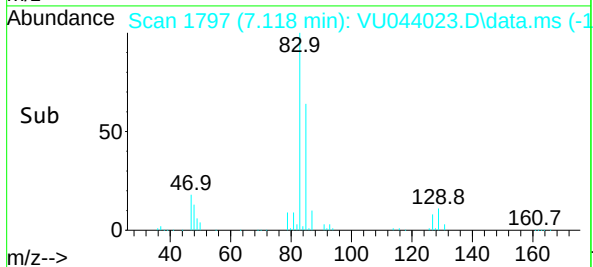
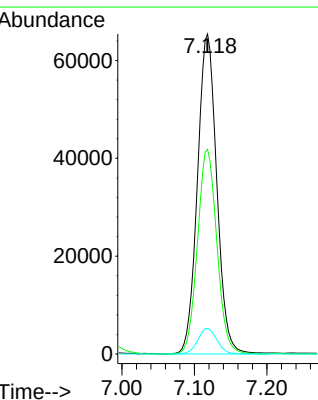
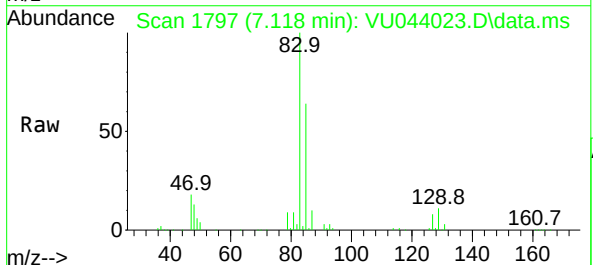
Delta R.T. 0.000 min

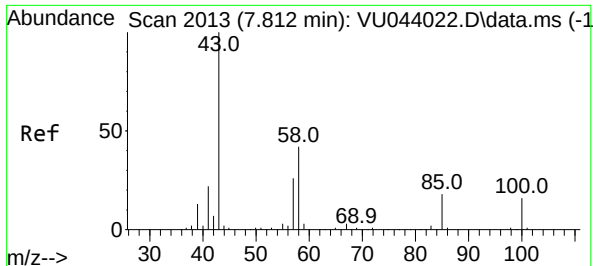
Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Tgt Ion: 83 Resp: 121224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.0  | 52.1  | 78.1  |
| 127 | 8.0   | 6.6   | 9.8   |

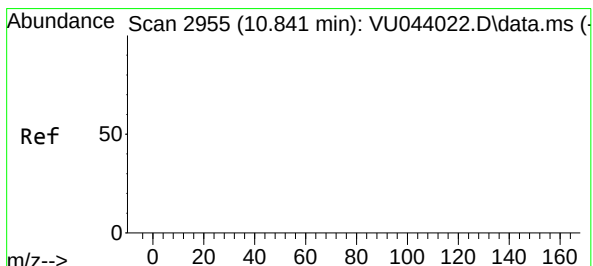
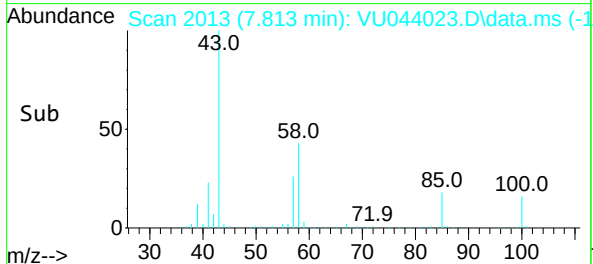
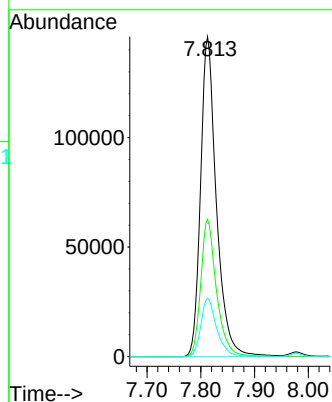
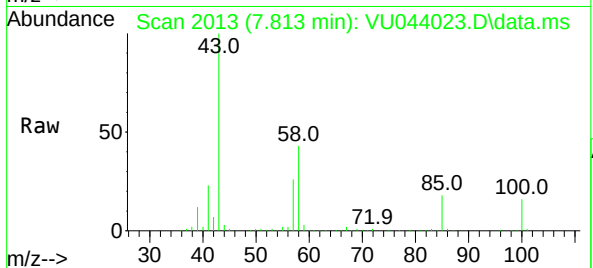




#45  
4-Methyl-2-Pentanone  
Concen: 62.89 ug/l  
RT: 7.813 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

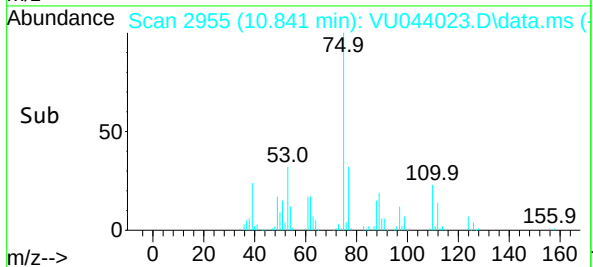
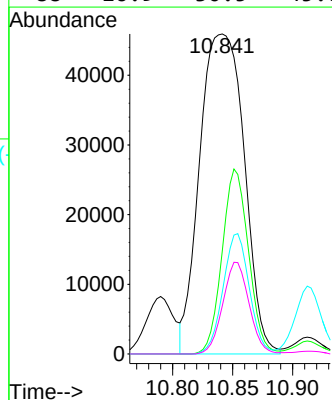
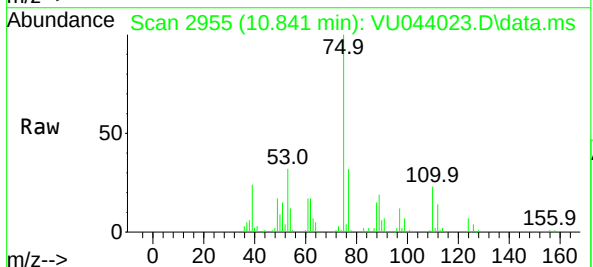
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

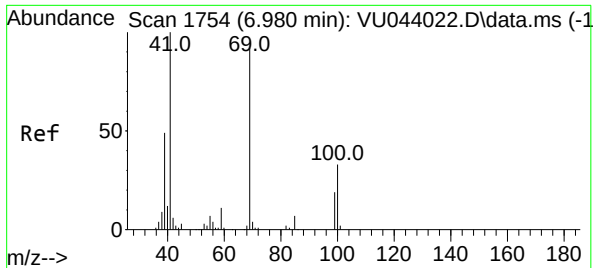
Tgt Ion: 43 Resp: 299033  
Ion Ratio Lower Upper  
43 100  
58 42.7 20.9 62.7  
85 18.4 14.3 21.5



#46  
t-1,4-Dichloro-2-butene  
Concen: 76.07 ug/l  
RT: 10.841 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 75 Resp: 118594  
Ion Ratio Lower Upper  
75 100  
53 34.3 62.1 93.1#  
89 22.2 39.4 59.2#  
88 16.9 30.5 45.7#





#47

Methyl methacrylate

Concen: 32.58 ug/l

RT: 6.980 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

Tgt Ion: 69 Resp: 94558

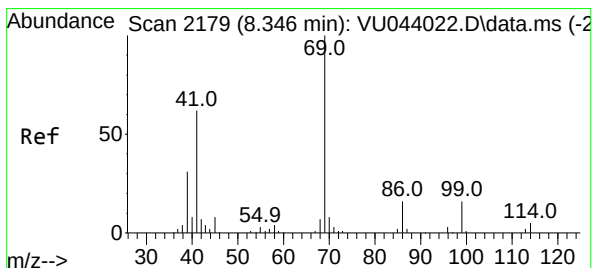
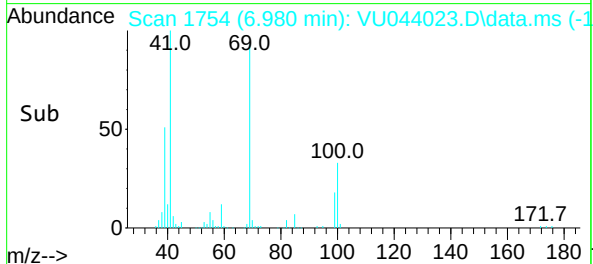
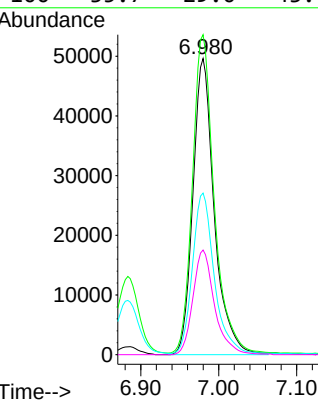
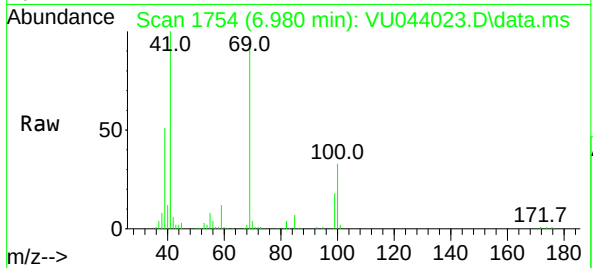
Ion Ratio Lower Upper

69 100

41 108.8 0.0 214.0

39 55.8 43.4 65.2

100 35.7 29.0 43.4



#48

Ethyl methacrylate

Concen: 16.07 ug/l

RT: 8.346 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VU044023.D

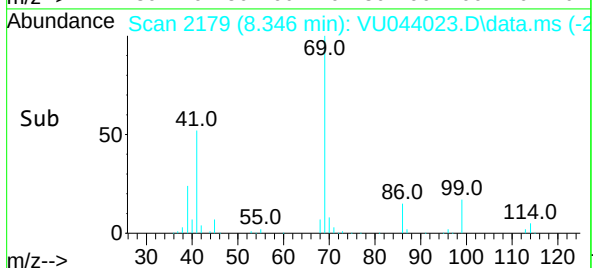
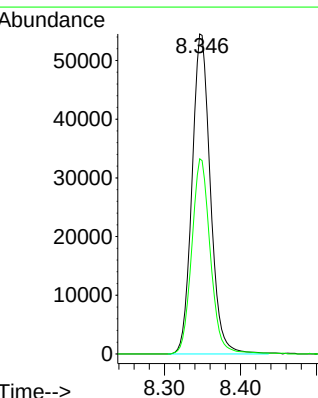
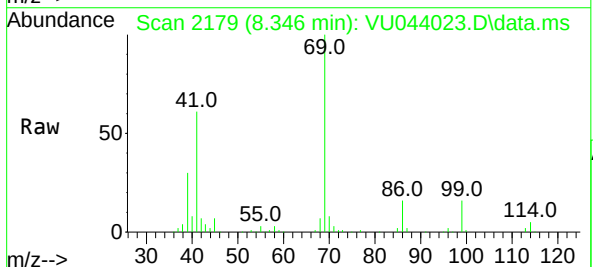
Acq: 02 Jun 2021 12:57

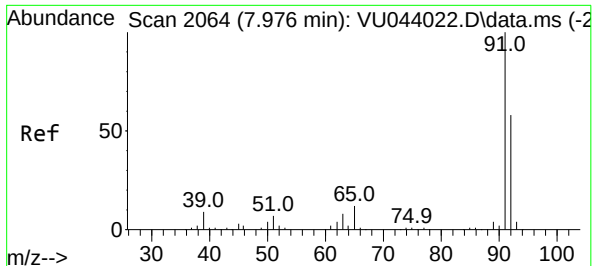
Tgt Ion: 69 Resp: 91268

Ion Ratio Lower Upper

69 100

41 62.0 31.4 94.0





#49

Toluene

Concen: 17.63 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044023.D

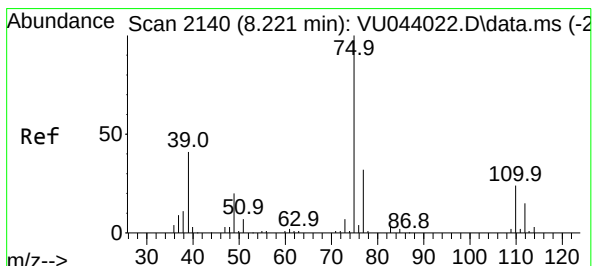
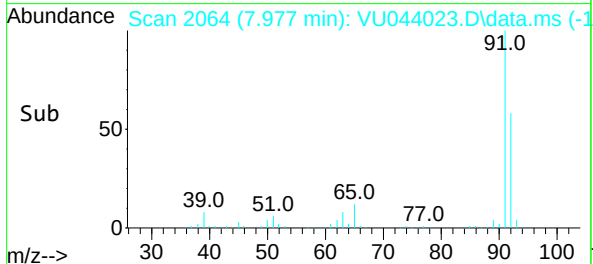
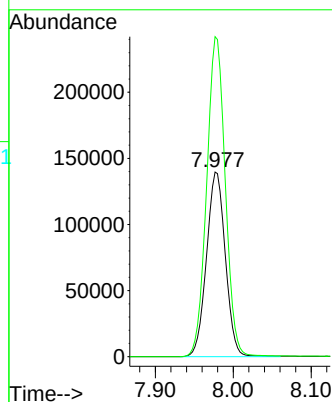
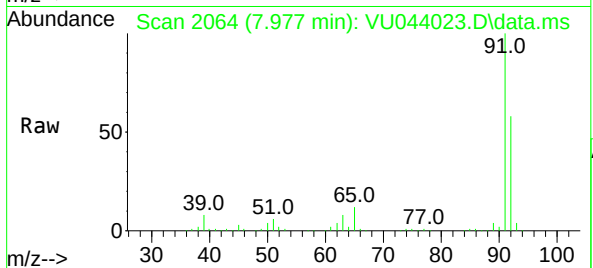
Acq: 02 Jun 2021 12:57

Tgt Ion: 92 Resp: 234390

Ion Ratio Lower Upper

92 100

91 172.0 138.0 207.0



#50

t-1,3-Dichloropropene

Concen: 16.50 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU044023.D

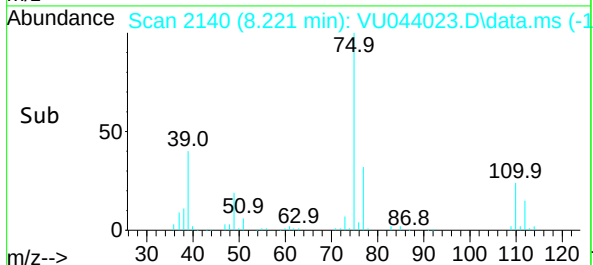
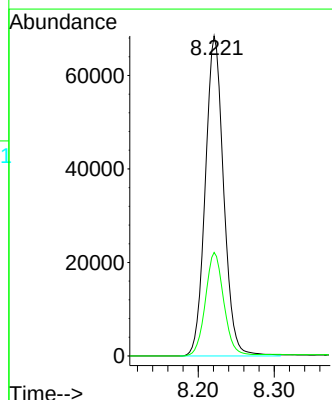
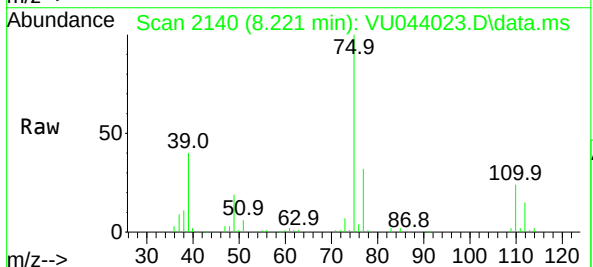
Acq: 02 Jun 2021 12:57

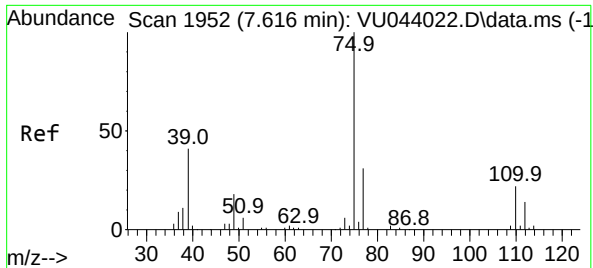
Tgt Ion: 75 Resp: 114701

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

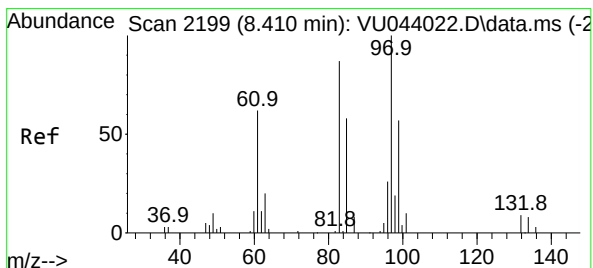
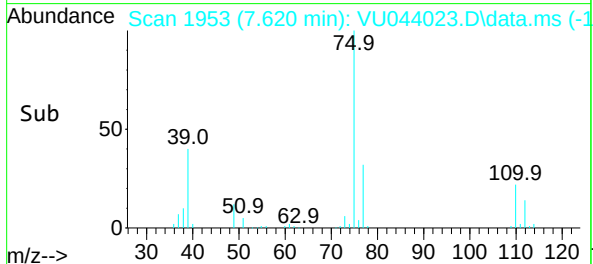
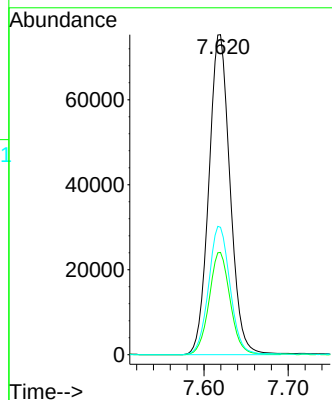
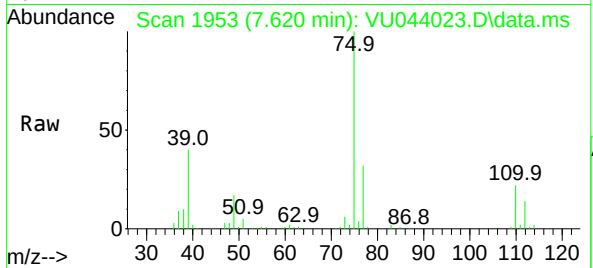




#51  
 cis-1,3-Dichloropropene  
 Concen: 16.82 ug/l  
 RT: 7.620 min Scan# 1953  
 Delta R.T. 0.003 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

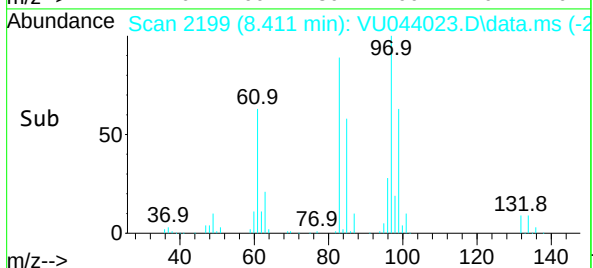
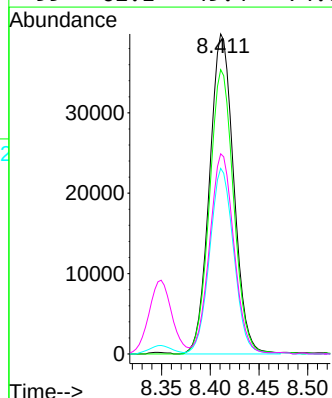
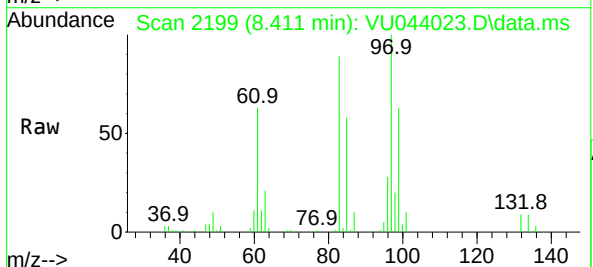
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

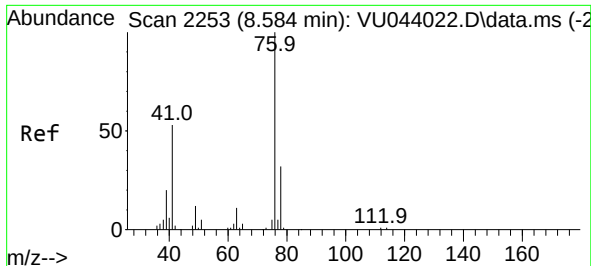
Tgt Ion: 75 Resp: 131636  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.0 37.6  
 39 39.8 32.6 49.0



#52  
 1,1,2-Trichloroethane  
 Concen: 14.97 ug/l  
 RT: 8.411 min Scan# 2199  
 Delta R.T. 0.000 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

Tgt Ion: 97 Resp: 68925  
 Ion Ratio Lower Upper  
 97 100  
 83 88.9 69.6 104.4  
 85 57.7 46.5 69.7  
 99 62.1 49.4 74.0





#53

1,3-Dichloropropane

Concen: 15.81 ug/l

RT: 8.587 min Scan# 2254

Delta R.T. 0.003 min

Lab File: VU044023.D

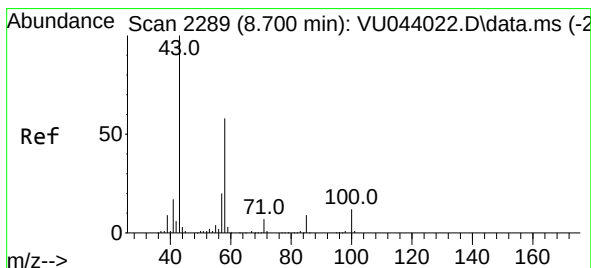
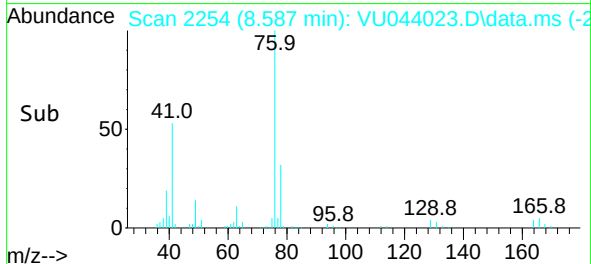
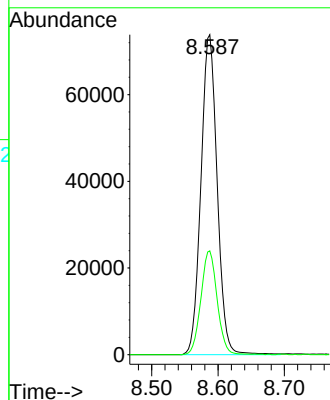
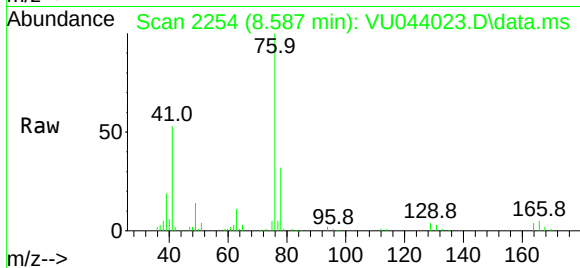
Acq: 02 Jun 2021 12:57

Tgt Ion: 76 Resp: 125683

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#54

2-Hexanone

Concen: 64.09 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. 0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

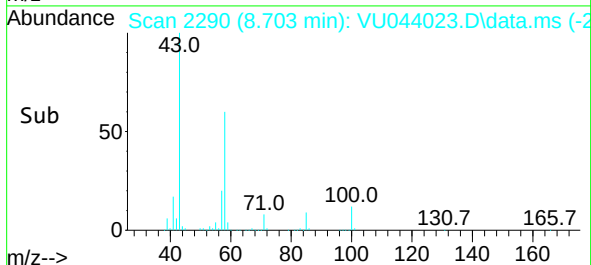
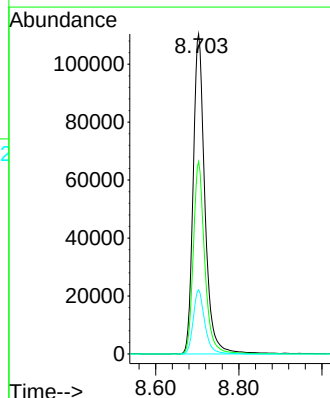
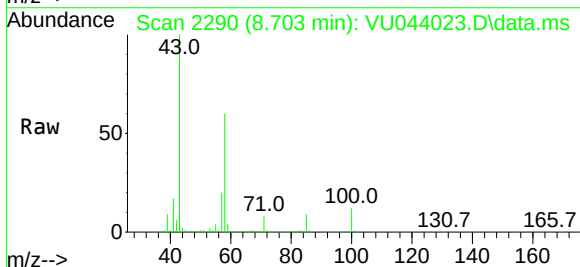
Tgt Ion: 43 Resp: 216098

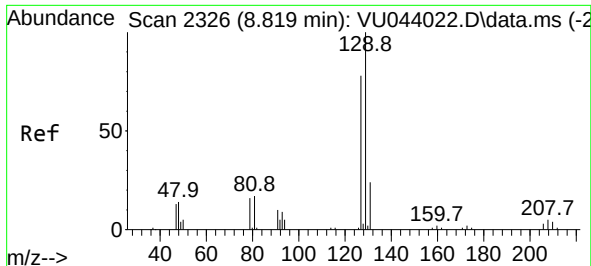
Ion Ratio Lower Upper

43 100

58 58.4 37.8 77.8

57 19.6 0.0 39.4

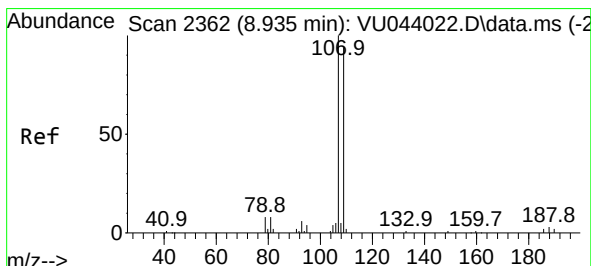
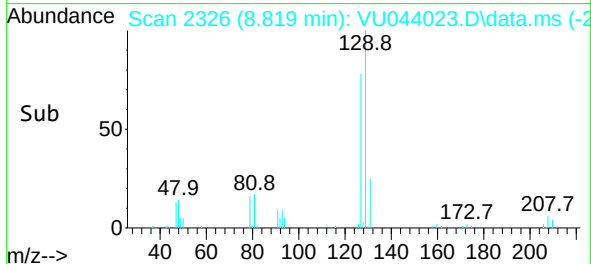
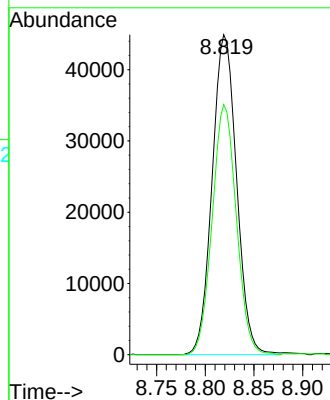
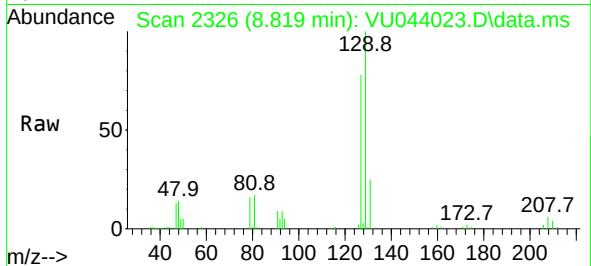




#55  
Dibromochloromethane  
Concen: 14.60 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

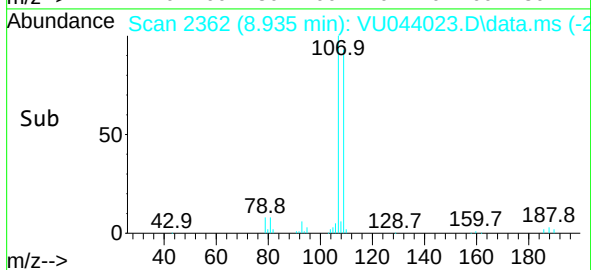
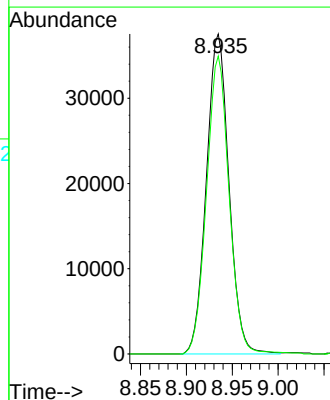
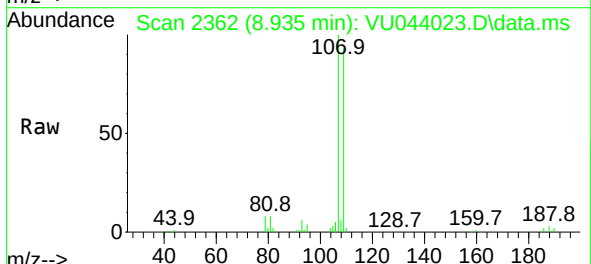
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

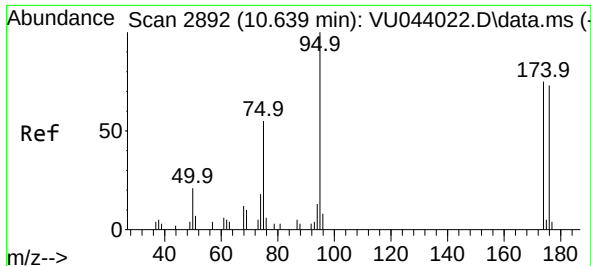
Tgt Ion:129 Resp: 78208  
Ion Ratio Lower Upper  
129 100  
127 77.2 61.1 91.7



#56  
1,2-Dibromoethane  
Concen: 14.26 ug/l  
RT: 8.935 min Scan# 2362  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:107 Resp: 64175  
Ion Ratio Lower Upper  
107 100  
109 93.4 0.0 186.4

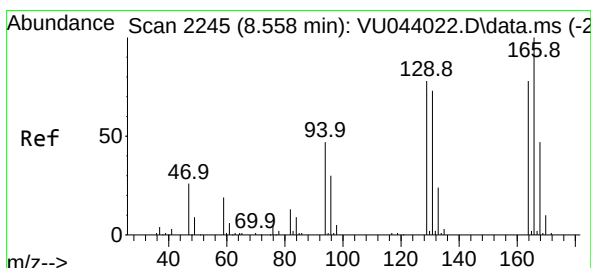
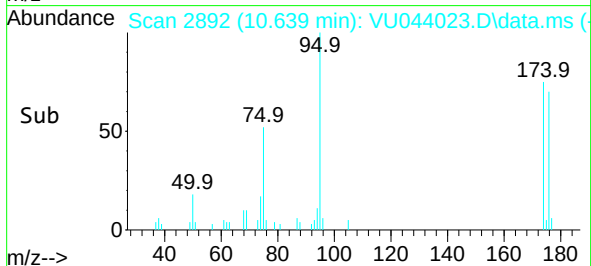
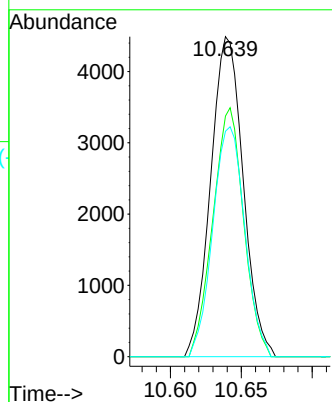
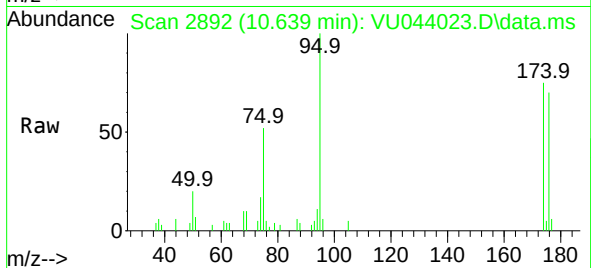




#57  
4-Bromofluorobenzene  
Concen: 0.87 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

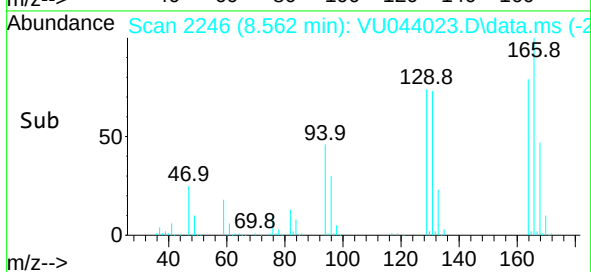
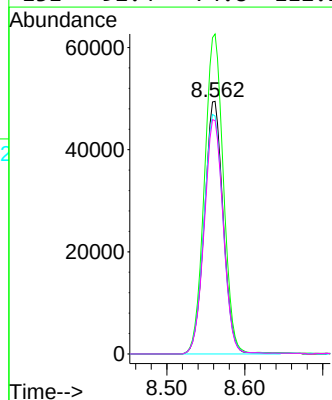
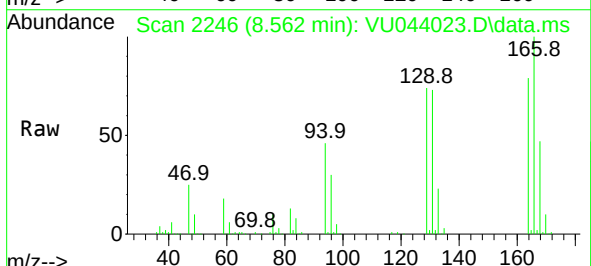
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion: 95 Resp: 7155  
Ion Ratio Lower Upper  
95 100  
174 73.8 59.9 89.9  
176 70.8 59.3 88.9

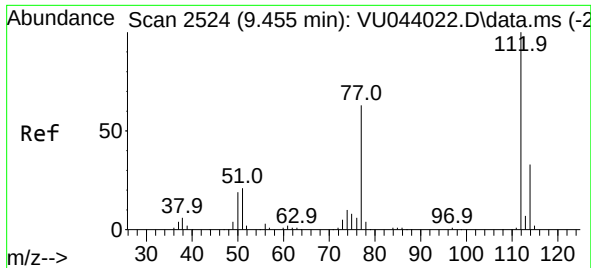


#58  
Tetrachloroethene  
Concen: 13.62 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 164 Resp: 82739  
Ion Ratio Lower Upper  
164 100  
166 126.7 102.5 153.7  
129 94.2 80.2 120.2  
131 92.4 74.8 112.2



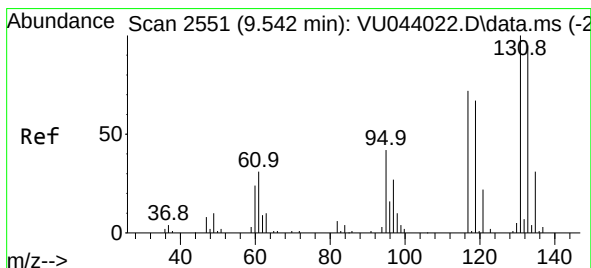
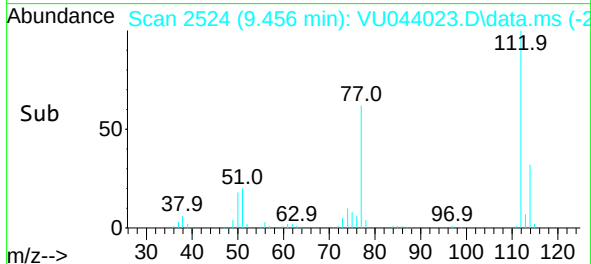
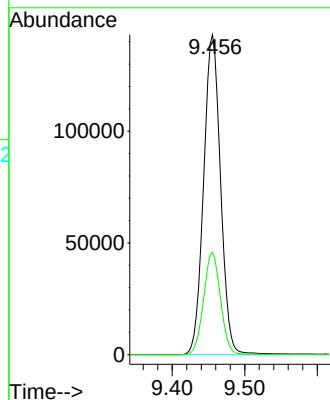
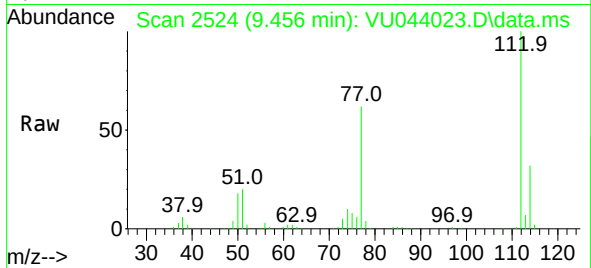




#59  
Chlorobenzene  
Concen: 15.84 ug/l  
RT: 9.456 min Scan# 2524  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

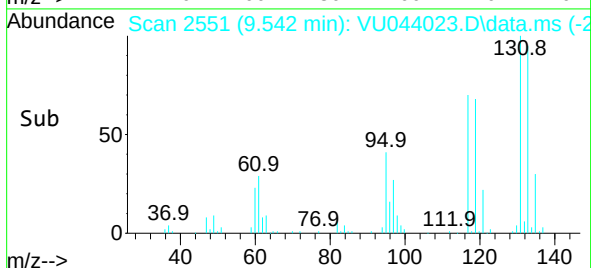
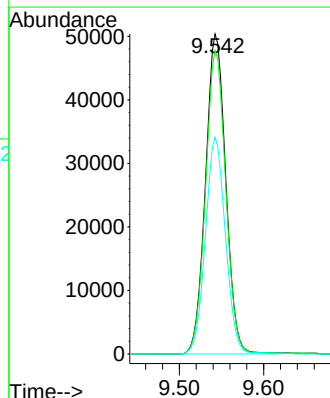
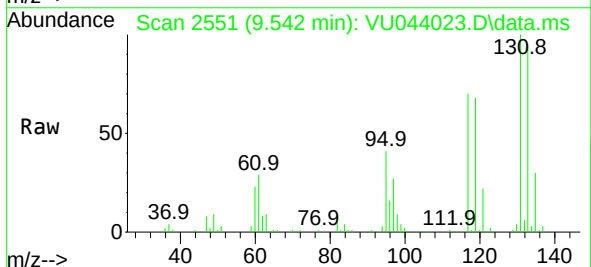
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

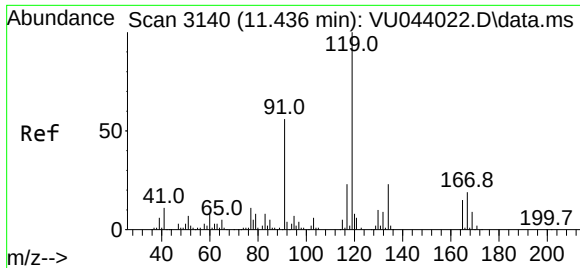
Tgt Ion:112 Resp: 232914  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.2 39.2



#60  
1,1,1,2-Tetrachloroethane  
Concen: 14.82 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:131 Resp: 84198  
Ion Ratio Lower Upper  
131 100  
133 94.8 75.0 112.6  
119 67.0 53.8 80.6

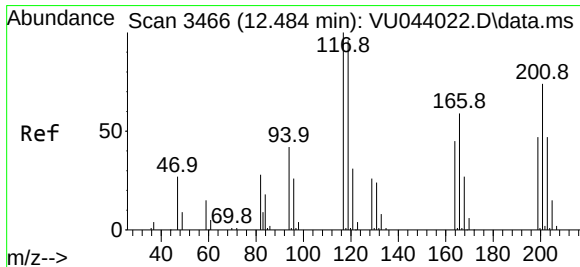
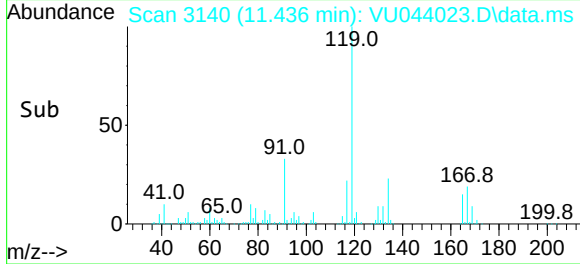
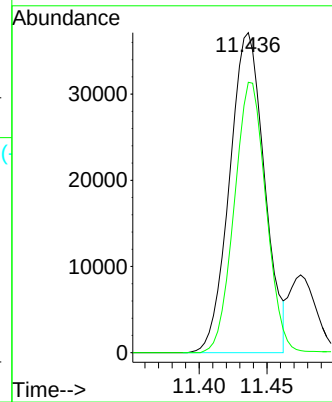
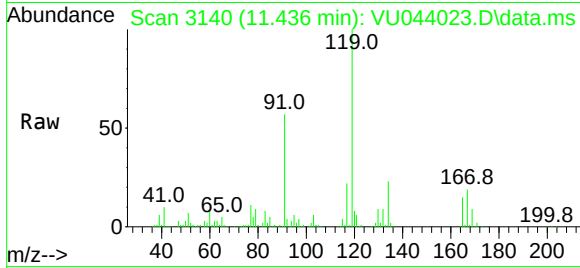




#61  
Pentachloroethane  
Concen: 15.12 ug/l  
RT: 11.436 min Scan# 3140  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

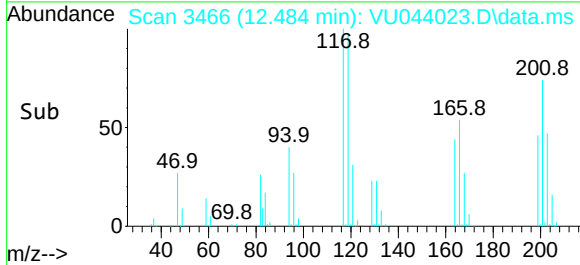
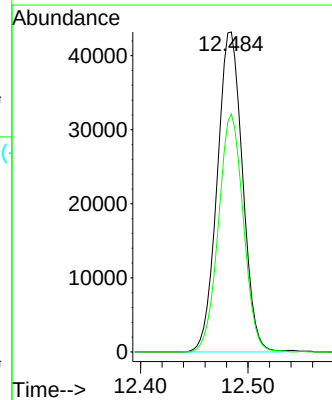
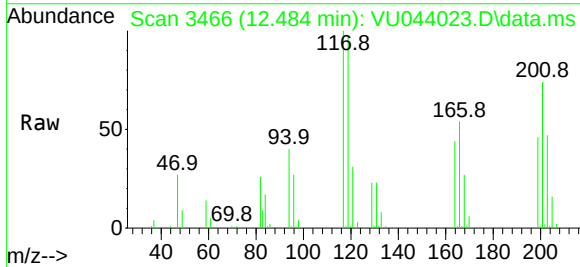
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

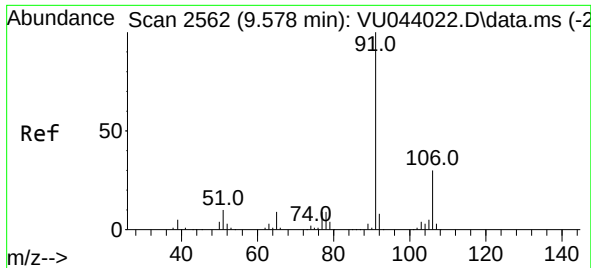
Tgt Ion:117 Resp: 66431  
Ion Ratio Lower Upper  
117 100  
167 77.3 61.0 91.6



#62  
Hexachloroethane  
Concen: 15.74 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:117 Resp: 70652  
Ion Ratio Lower Upper  
117 100  
201 73.0 58.0 87.0

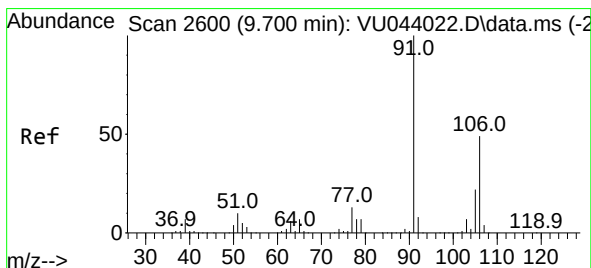
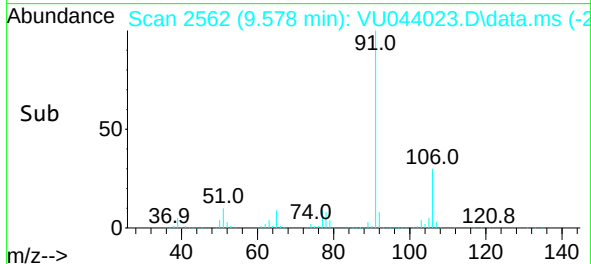
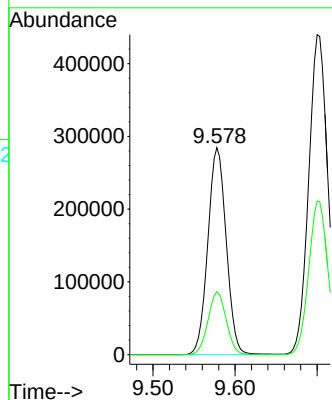
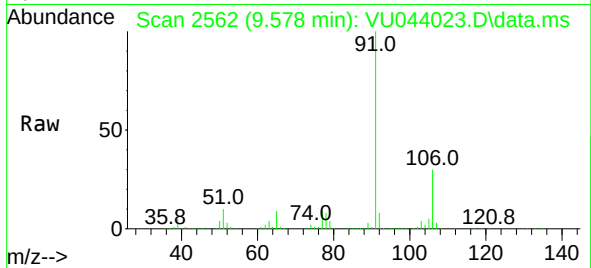




#63  
Ethyl Benzene  
Concen: 17.65 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

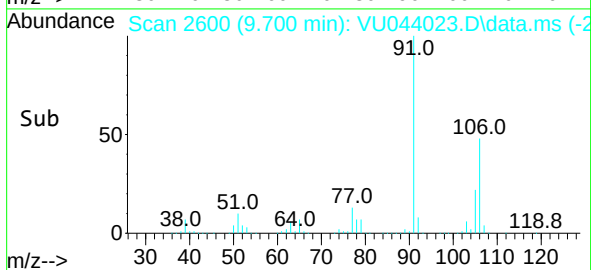
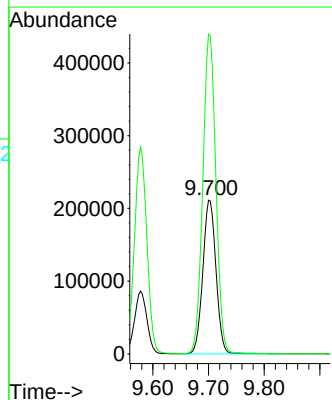
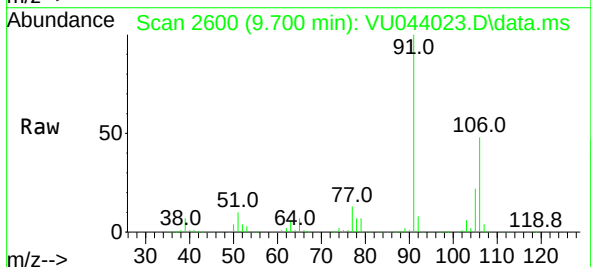
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

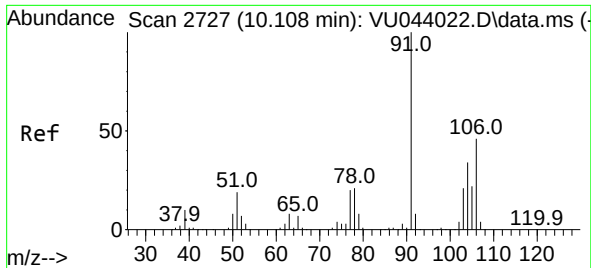
Tgt Ion: 91 Resp: 444069  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.2 36.4



#64  
m/p-Xylenes  
Concen: 35.42 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 106 Resp: 345828  
Ion Ratio Lower Upper  
106 100  
91 206.8 164.8 247.2

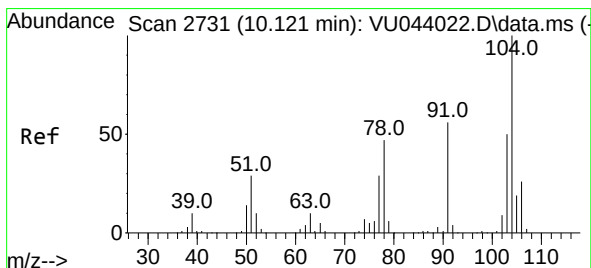
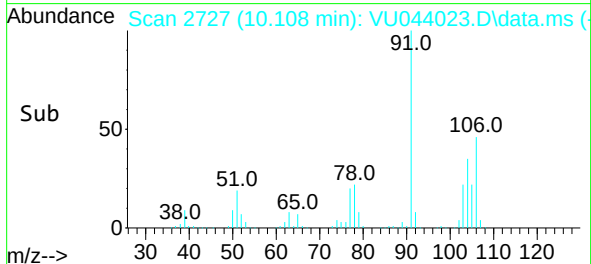
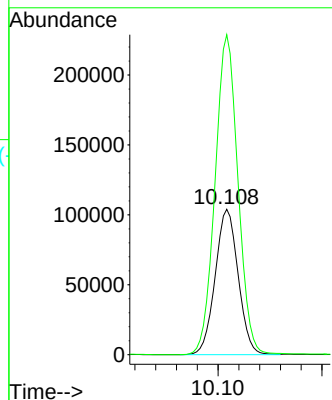
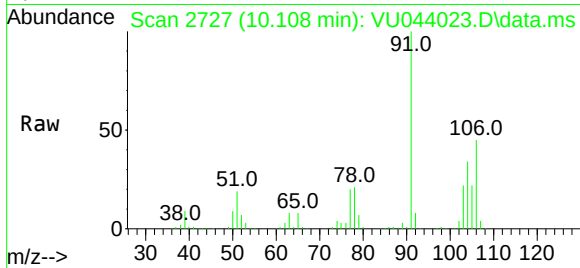




#65  
o-Xylene  
Concen: 17.05 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

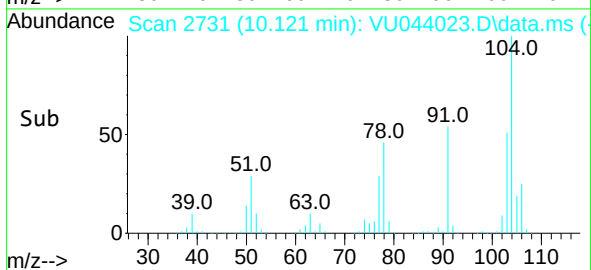
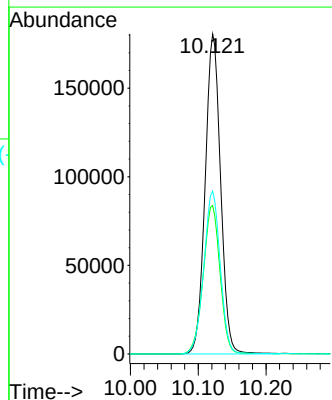
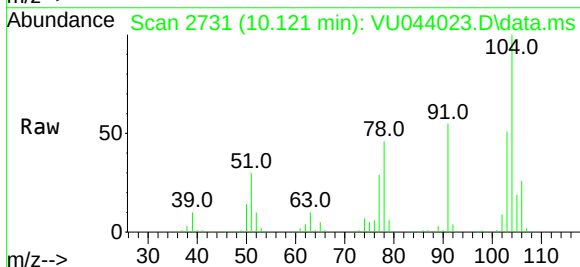
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC015

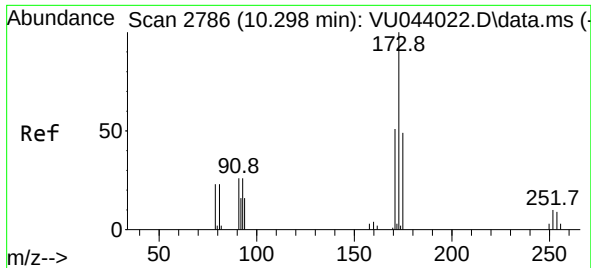
Tgt Ion:106 Resp: 159716  
Ion Ratio Lower Upper  
106 100  
91 220.3 109.2 327.6



#66  
Styrene  
Concen: 17.79 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

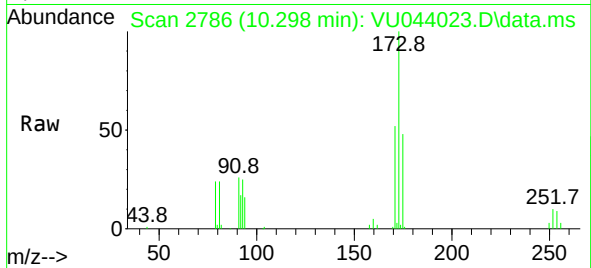
Tgt Ion:104 Resp: 285673  
Ion Ratio Lower Upper  
104 100  
78 50.6 40.9 61.3  
103 54.5 43.4 65.0



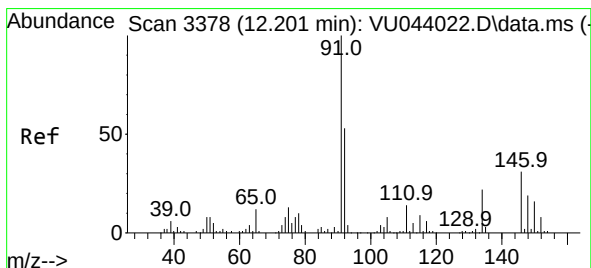
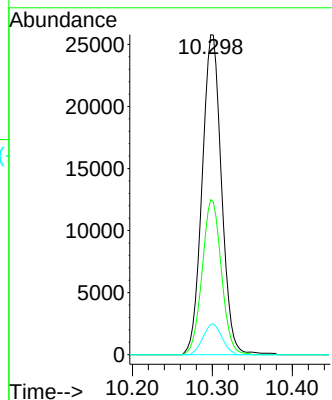
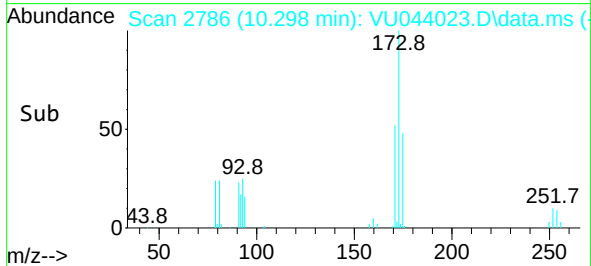


#67  
Bromoform  
Concen: 12.87 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

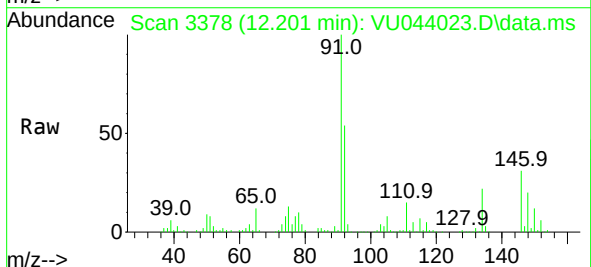
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015



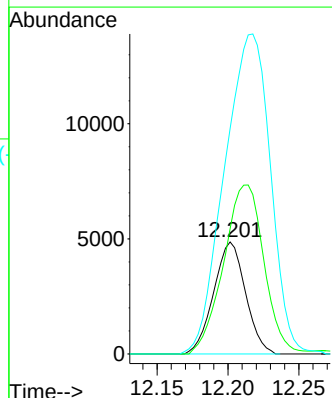
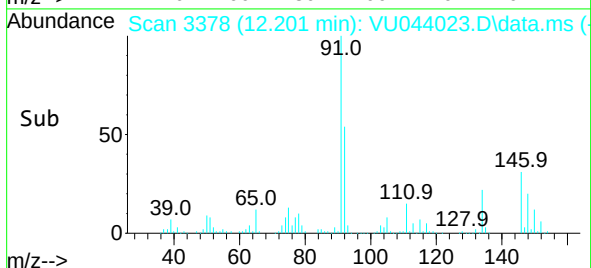
Tgt Ion:173 Resp: 43407  
Ion Ratio Lower Upper  
173 100  
175 48.0 38.9 58.3  
254 9.4 7.4 11.2

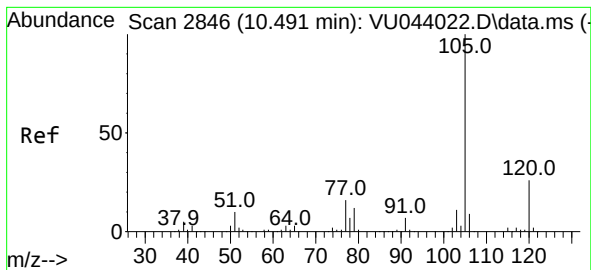


#68  
1,2-Dichlorobenzene-d4  
Concen: 0.87 ug/l  
RT: 12.201 min Scan# 3378  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57



Tgt Ion:152 Resp: 7605  
Ion Ratio Lower Upper  
152 100  
115 191.7 0.0 332.8  
150 412.6 0.0 676.4





#69

Isopropylbenzene

Concen: 16.91 ug/l

RT: 10.491 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU044023.D

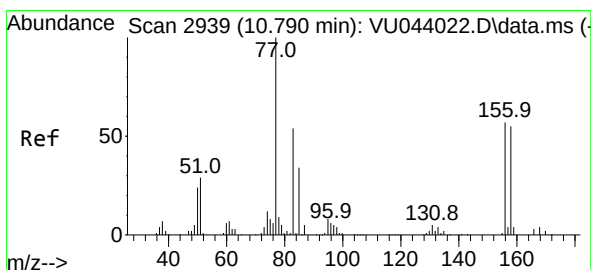
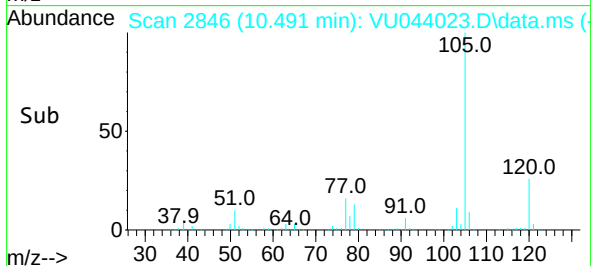
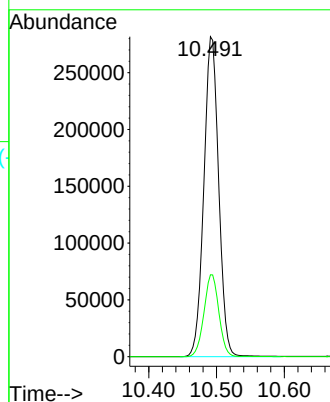
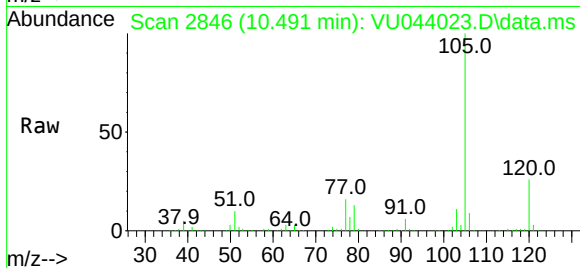
Acq: 02 Jun 2021 12:57

Tgt Ion:105 Resp: 427904

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 15.02 ug/l

RT: 10.793 min Scan# 2940

Delta R.T. 0.003 min

Lab File: VU044023.D

Acq: 02 Jun 2021 12:57

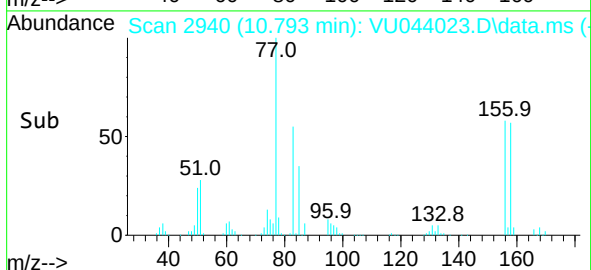
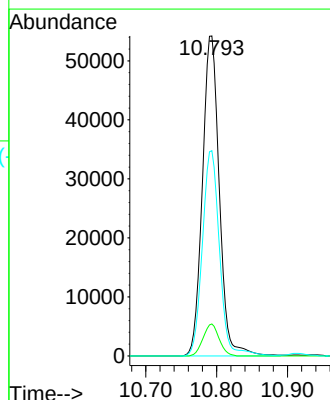
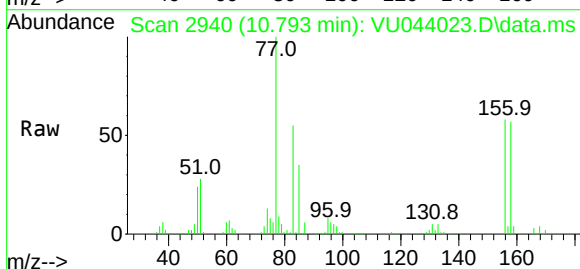
Tgt Ion: 83 Resp: 90052

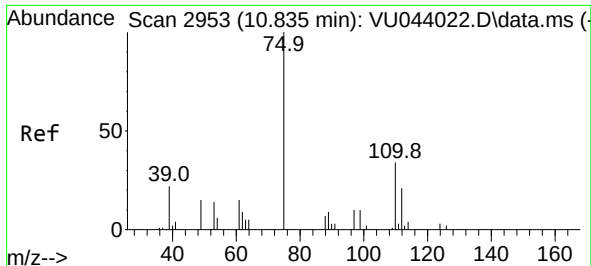
Ion Ratio Lower Upper

83 100

131 9.5 7.4 11.2

85 64.9 51.9 77.9

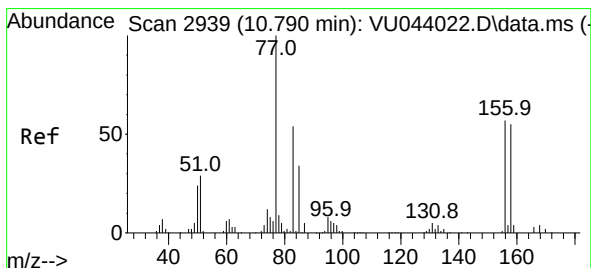
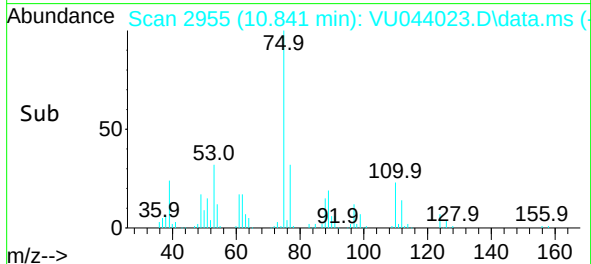
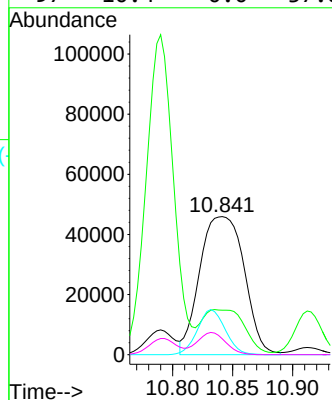
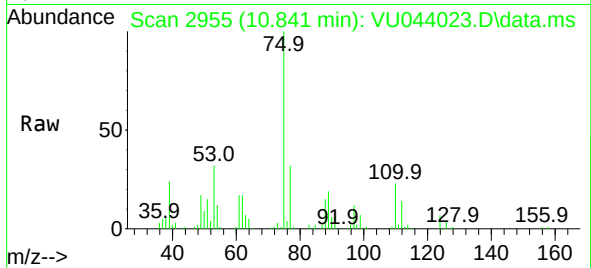




#71  
1,2,3-Trichloropropane  
Concen: 25.59 ug/l  
RT: 10.841 min Scan# 2955  
Delta R.T. 0.007 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

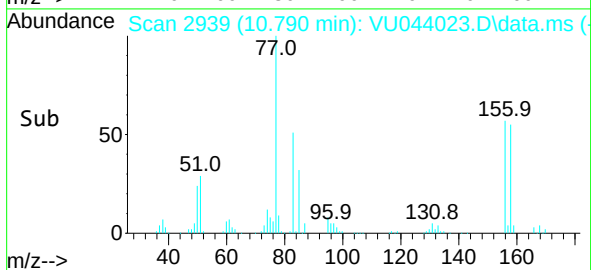
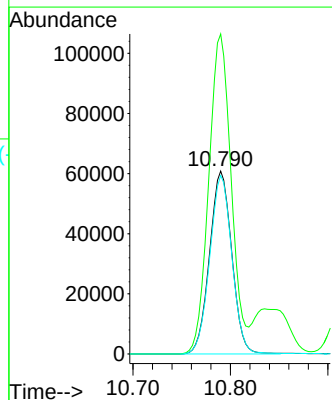
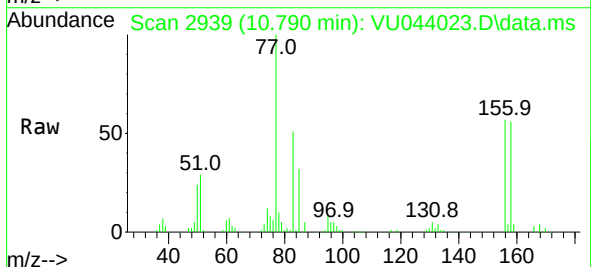
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

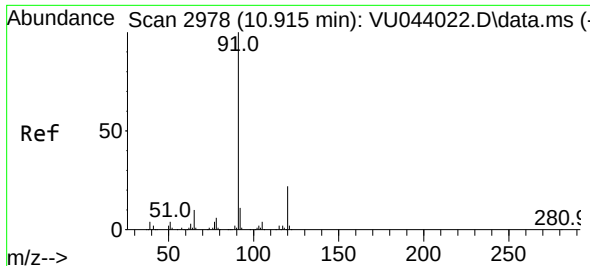
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 118594 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 30.6  | 0.0   | 109.6  |
| 110      | 20.6  | 0.0   | 75.0   |
| 97       | 10.4  | 0.0   | 37.8   |



#72  
Bromobenzene  
Concen: 13.86 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 96252 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 177.2 | 0.0   | 357.0 |
| 158      | 97.2  | 0.0   | 193.6 |

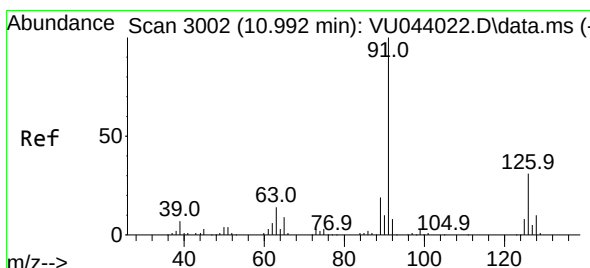
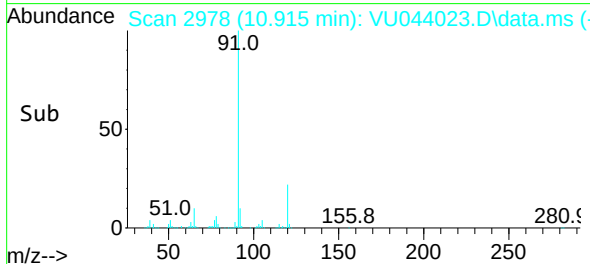
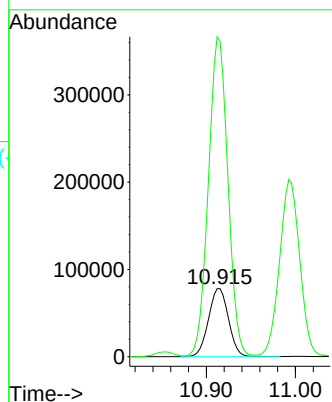
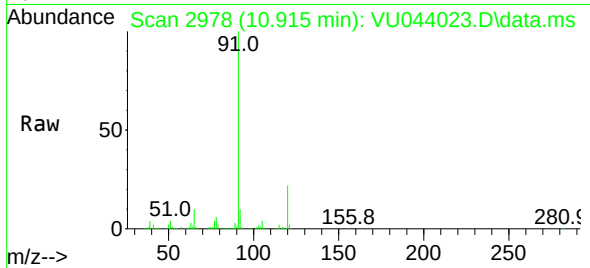




#73  
n-propylbenzene  
Concen: 17.09 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

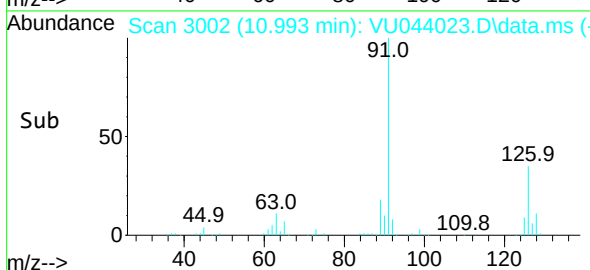
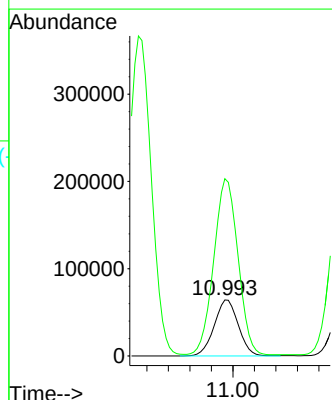
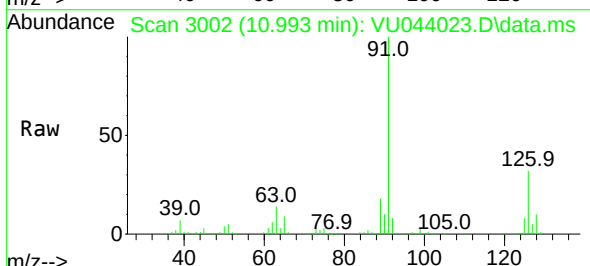
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion:120 Resp: 121445  
Ion Ratio Lower Upper  
120 100  
91 455.6 367.0 550.4

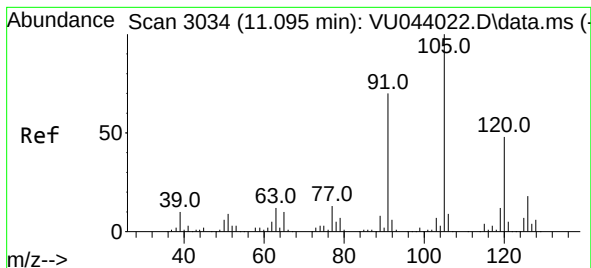


#74  
2-Chlorotoluene  
Concen: 15.62 ug/l  
RT: 10.993 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:126 Resp: 100004  
Ion Ratio Lower Upper  
126 100  
91 314.8 0.0 633.8



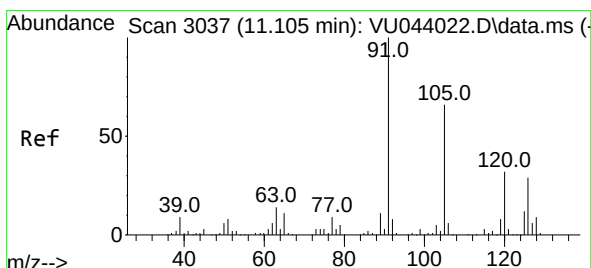
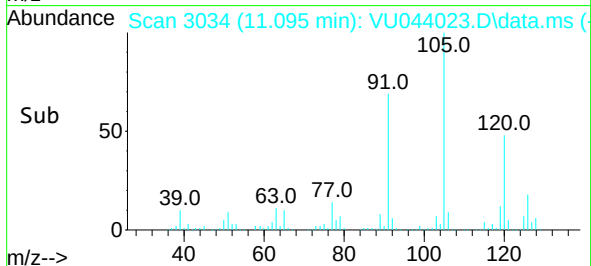
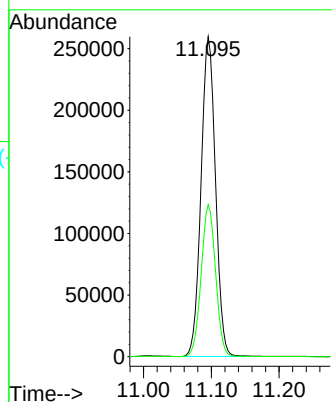
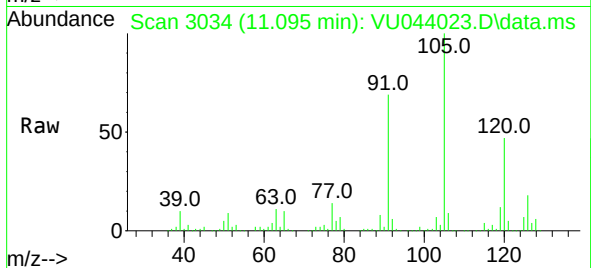




#75  
1,3,5-Trimethylbenzene  
Concen: 17.02 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

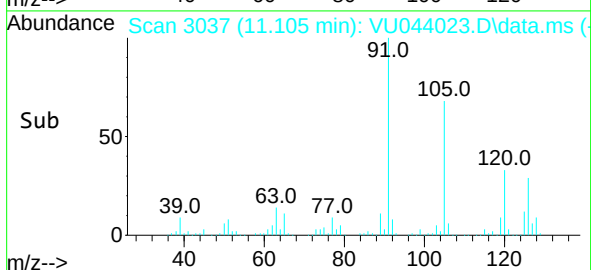
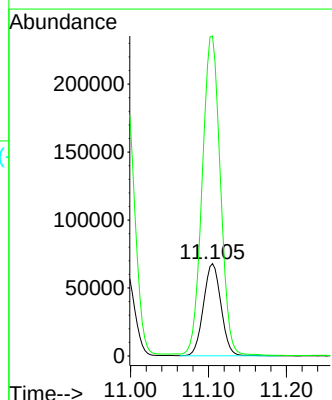
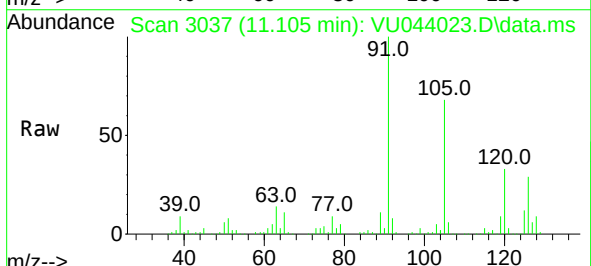
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

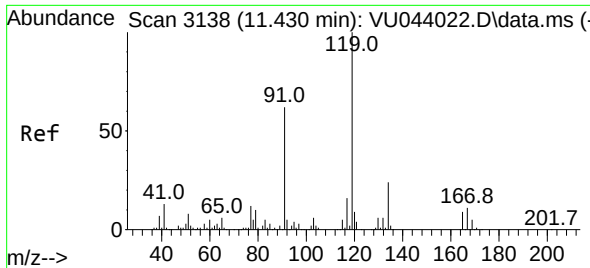
Tgt Ion:105 Resp: 384378  
Ion Ratio Lower Upper  
105 100  
120 47.4 38.3 57.5



#76  
4-Chlorotoluene  
Concen: 15.68 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:126 Resp: 106060  
Ion Ratio Lower Upper  
126 100  
91 359.7 0.0 715.2

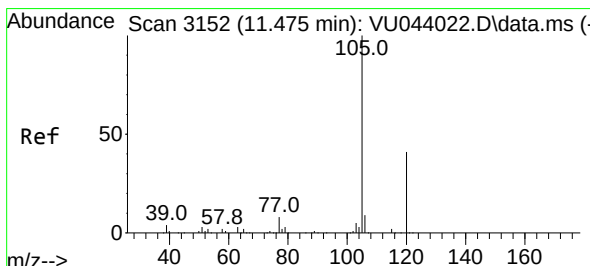
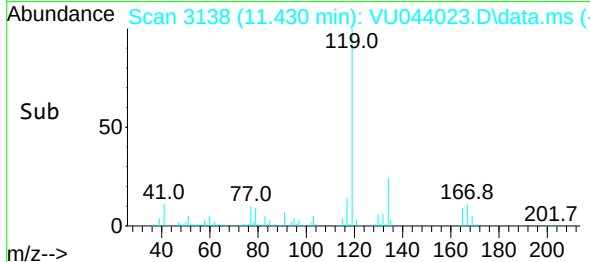
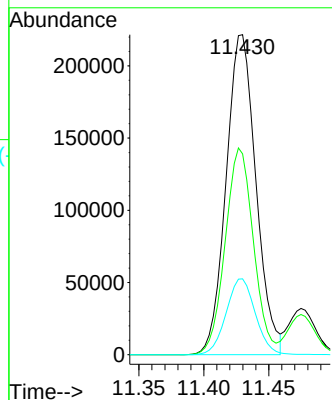
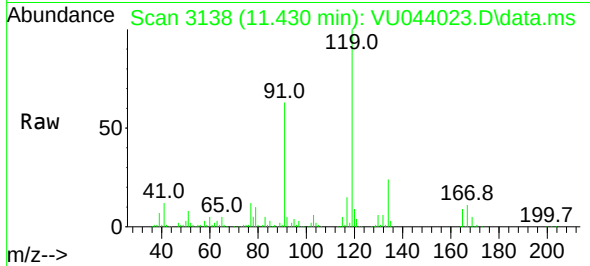




#77  
tert-Butylbenzene  
Concen: 15.98 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

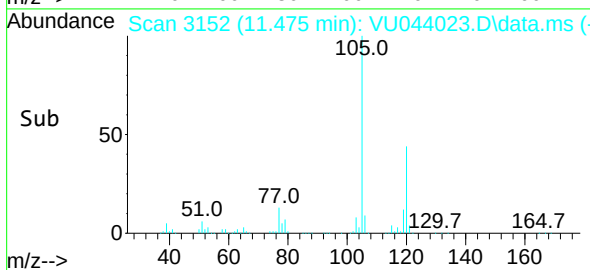
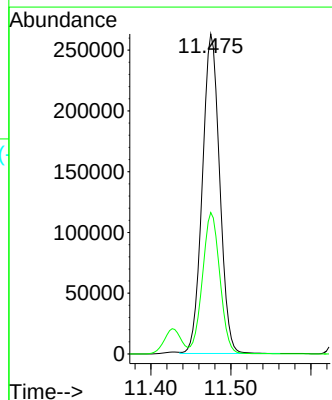
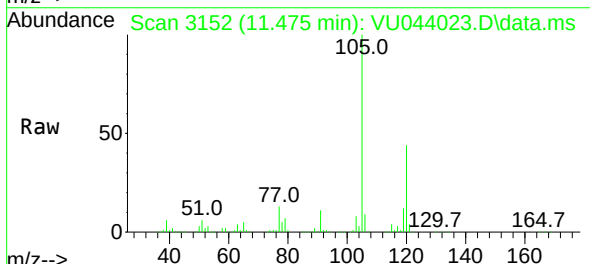
Instrument :  
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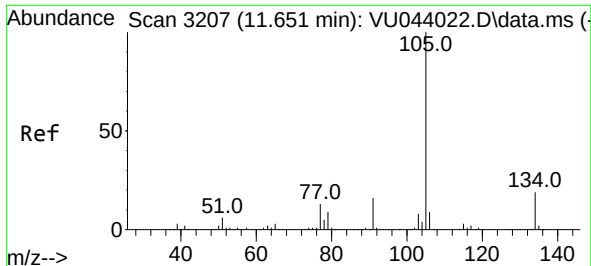
Tgt Ion:119 Resp: 355305  
Ion Ratio Lower Upper  
119 100  
91 61.0 30.3 90.9  
134 23.2 18.5 27.7



#78  
1,2,4-Trimethylbenzene  
Concen: 16.99 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:105 Resp: 396190  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.6 67.7

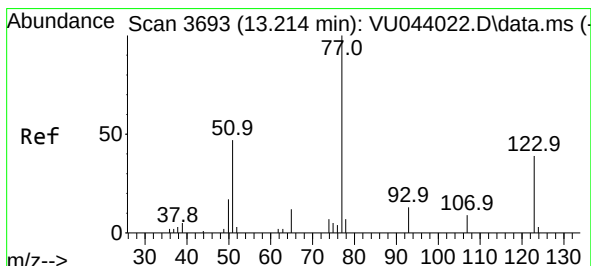
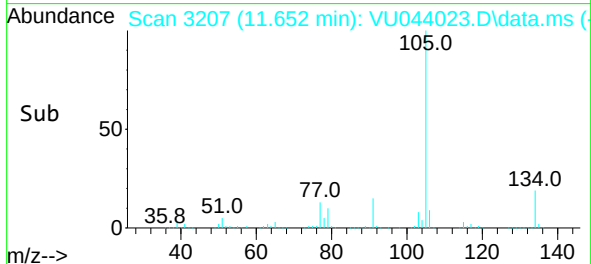
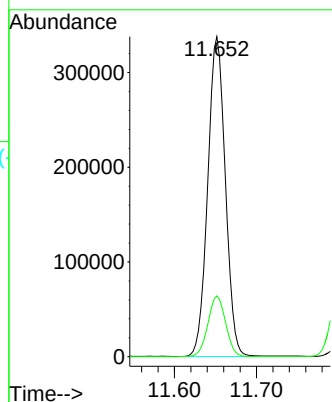
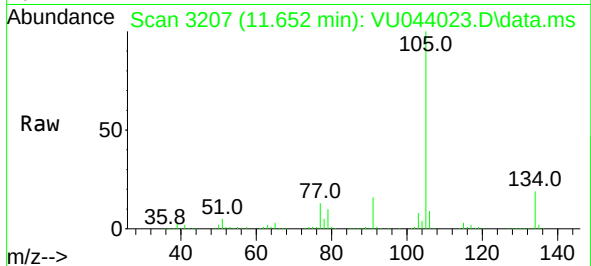




#79  
 sec-Butylbenzene  
 Concen: 16.68 ug/l  
 RT: 11.652 min Scan# 3207  
 Delta R.T. 0.000 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

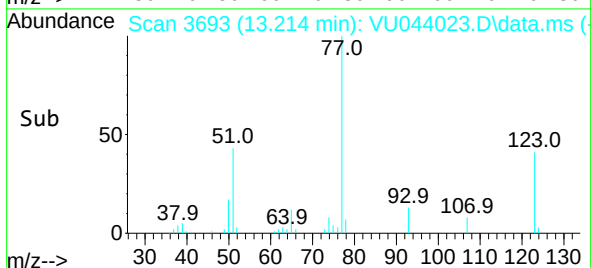
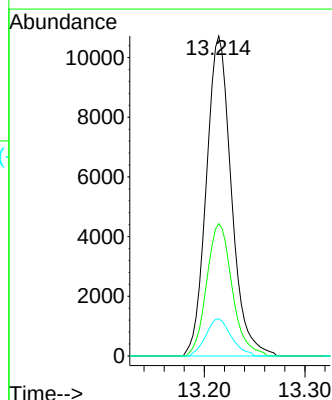
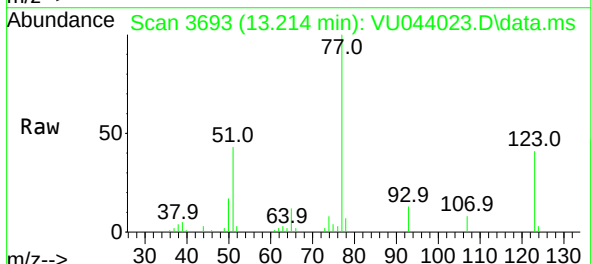
Instrument :  
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 ClientSampleId :  
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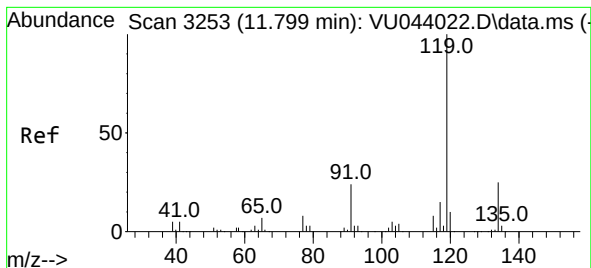
Tgt Ion:105 Resp: 504016  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 114.58 ug/l  
 RT: 13.214 min Scan# 3693  
 Delta R.T. 0.000 min  
 Lab File: VU044023.D  
 Acq: 02 Jun 2021 12:57

Tgt Ion: 77 Resp: 18526  
 Ion Ratio Lower Upper  
 77 100  
 123 42.1 17.5 62.1  
 65 11.8 9.8 12.4

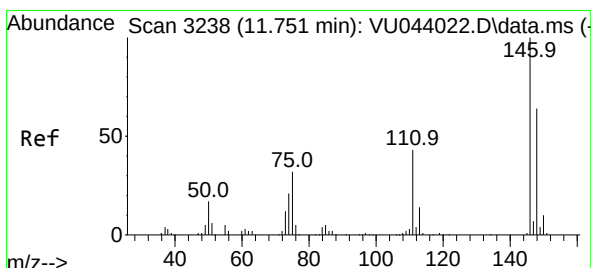
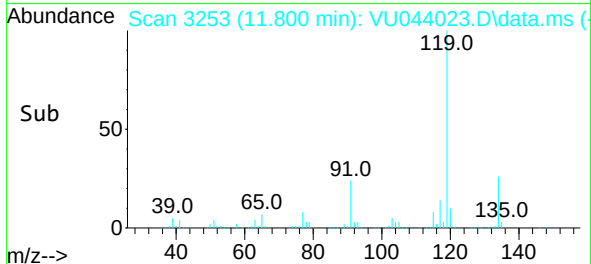
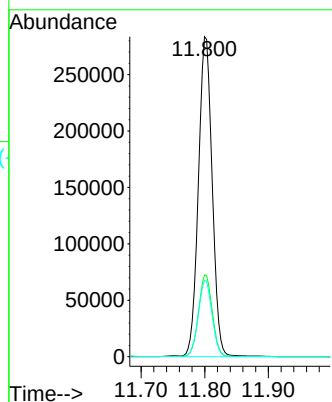
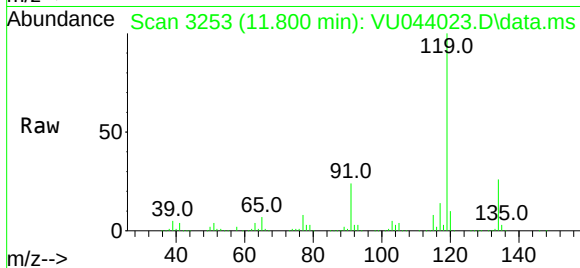




#81  
p-Isopropyltoluene  
Concen: 16.85 ug/l  
RT: 11.800 min Scan# 3253  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

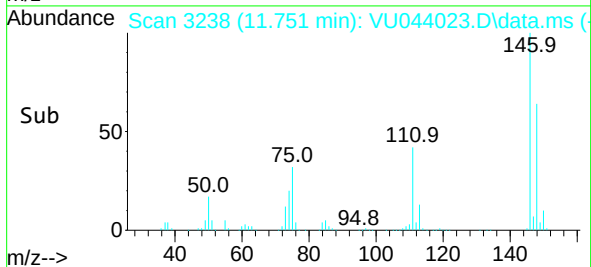
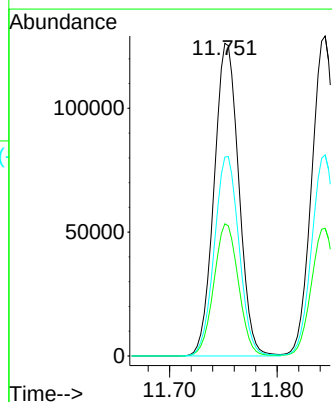
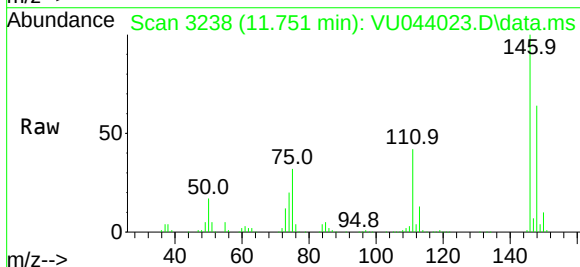
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

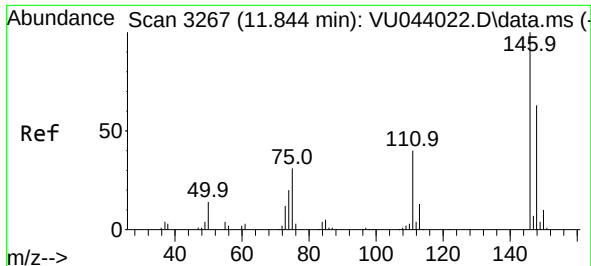
Tgt Ion:119 Resp: 427210  
Ion Ratio Lower Upper  
119 100  
134 25.3 20.2 30.2  
91 23.7 19.3 28.9



#82  
1,3-Dichlorobenzene  
Concen: 14.46 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:146 Resp: 201568  
Ion Ratio Lower Upper  
146 100  
111 42.2 33.3 49.9  
148 63.9 51.2 76.8

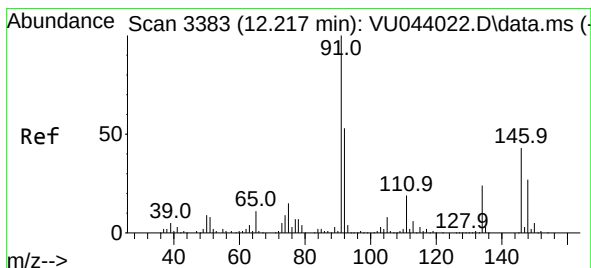
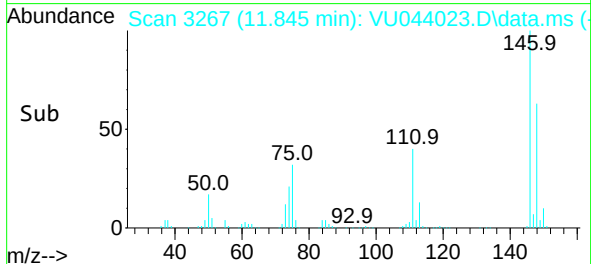
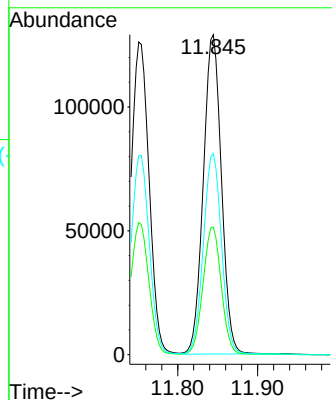
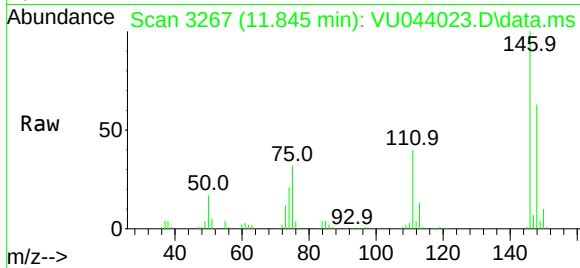




#83  
1,4-Dichlorobenzene  
Concen: 14.53 ug/l  
RT: 11.845 min Scan# 3267  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

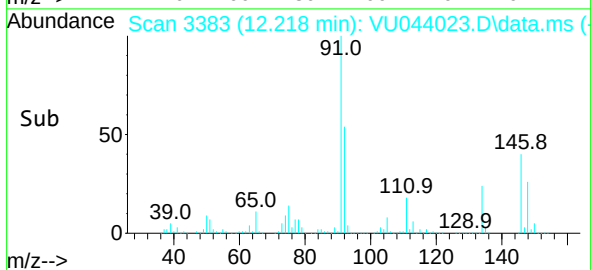
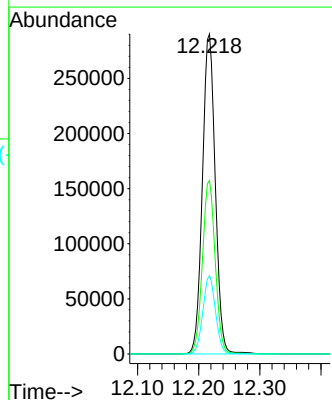
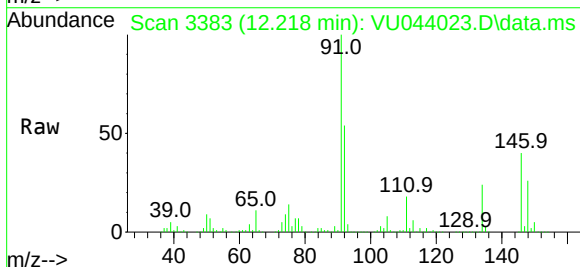
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MSVOA\_U  
ClientSampleId :  
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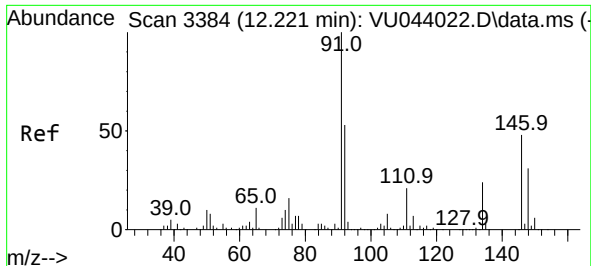
Tgt Ion:146 Resp: 203403  
Ion Ratio Lower Upper  
146 100  
111 40.1 32.5 48.7  
148 63.0 50.9 76.3



#84  
n-Butylbenzene  
Concen: 17.42 ug/l  
RT: 12.218 min Scan# 3383  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 91 Resp: 424589  
Ion Ratio Lower Upper  
91 100  
92 53.9 42.6 63.8  
134 24.1 19.0 28.4

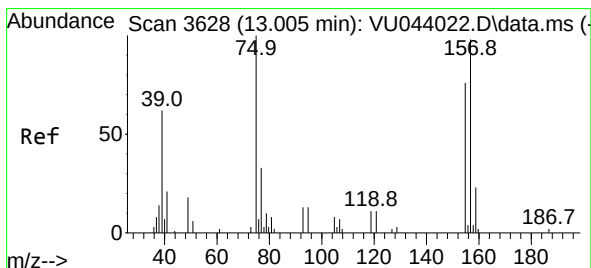
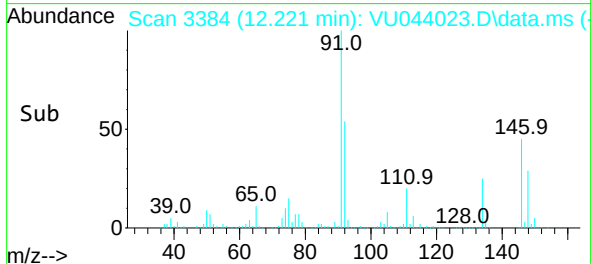
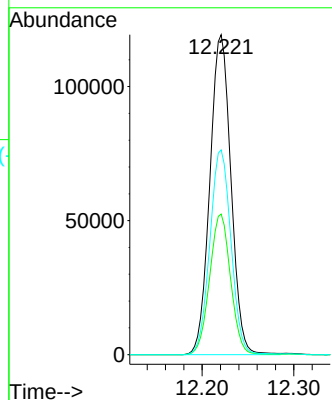
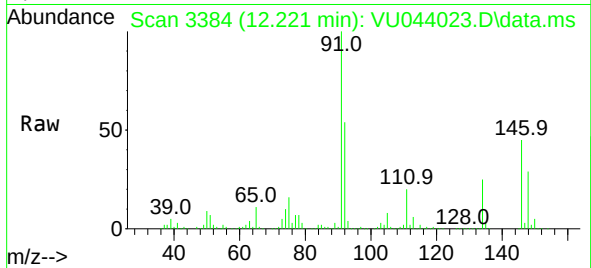




#85  
1,2-Dichlorobenzene  
Concen: 14.02 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

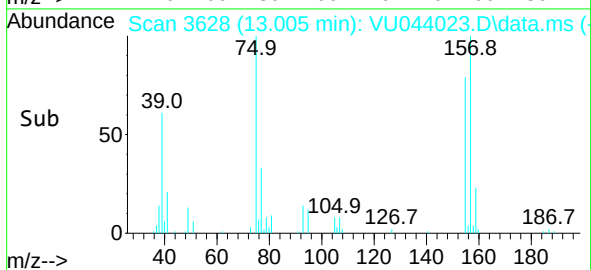
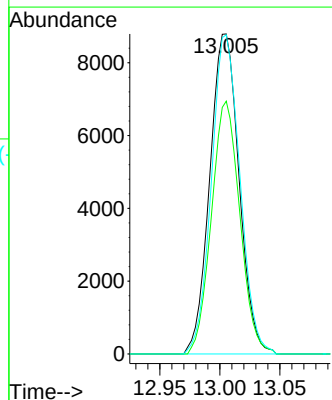
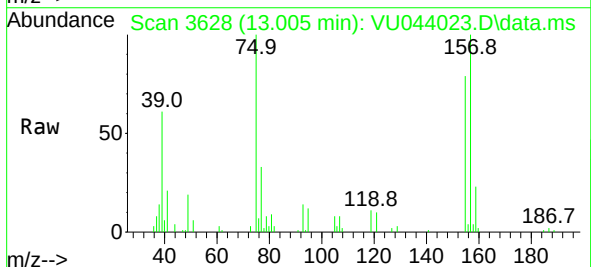
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MSVOA\_U  
ClientSampleId :  
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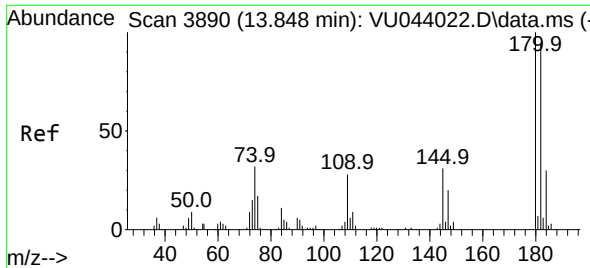
Tgt Ion:146 Resp: 190914  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.7 65.1  
148 64.2 31.9 95.5



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 13.85 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion: 75 Resp: 14915  
Ion Ratio Lower Upper  
75 100  
155 76.5 59.0 88.6  
157 97.1 76.4 114.6

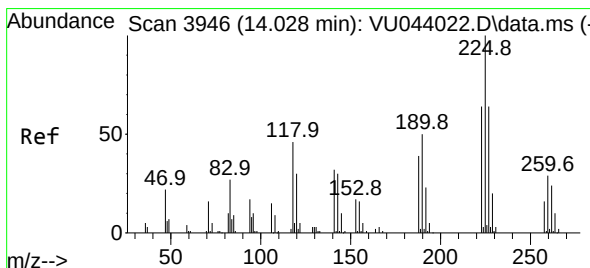
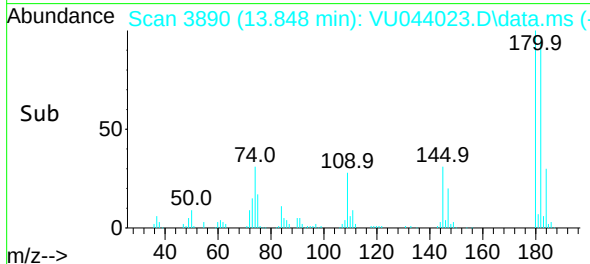
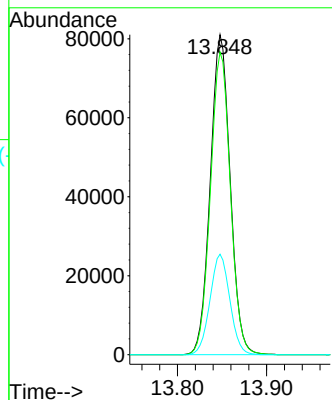
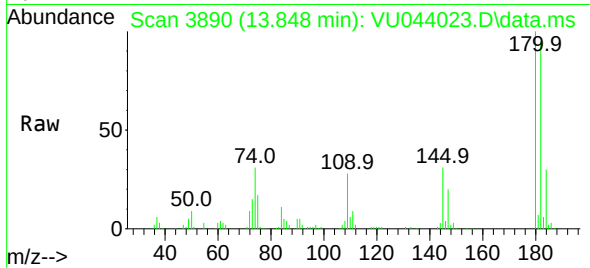




#87  
1,2,4-Trichlorobenzene  
Concen: 14.08 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

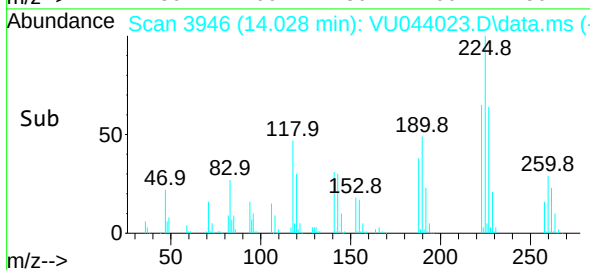
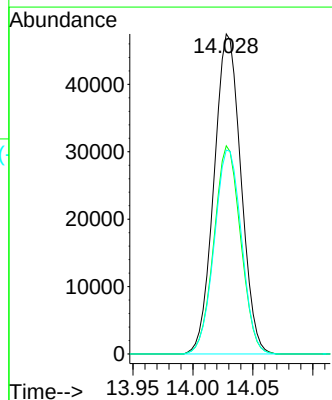
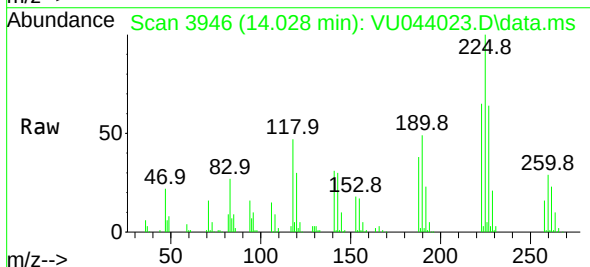
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

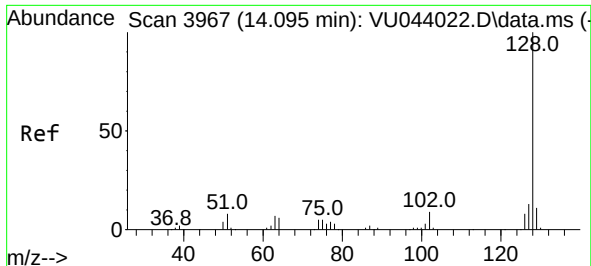
Tgt Ion:180 Resp: 125544  
Ion Ratio Lower Upper  
180 100  
182 94.8 75.7 113.5  
145 31.3 25.1 37.7



#88  
Hexachlorobutadiene  
Concen: 12.34 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

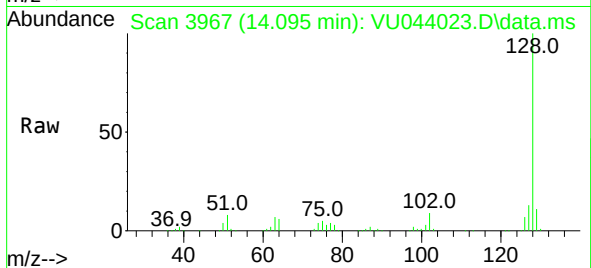
Tgt Ion:225 Resp: 74014  
Ion Ratio Lower Upper  
225 100  
223 64.6 50.3 75.5  
227 64.7 50.4 75.6



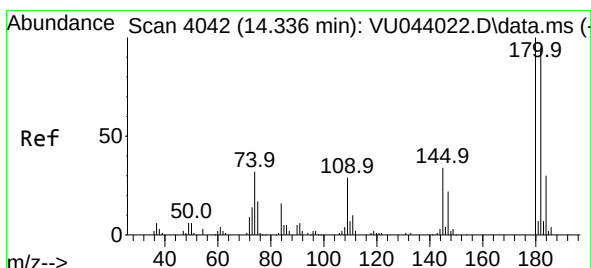
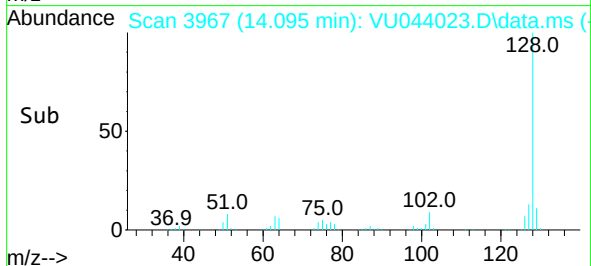
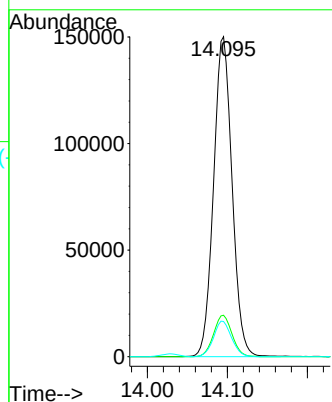


#89  
Naphthalene  
Concen: 16.47 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015



Tgt Ion:128 Resp: 240560  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.9 8.6 12.8



#90  
1,2,3-Trichlorobenzene  
Concen: 14.16 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU044023.D  
Acq: 02 Jun 2021 12:57

Tgt Ion:180 Resp: 120593  
Ion Ratio Lower Upper  
180 100  
182 95.7 75.9 113.9  
145 33.8 26.8 40.2

