

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111021\  
 Data File : VU045701.D  
 Acq On : 10 Nov 2021 20:22  
 Operator : SY/MD  
 Sample : M4638-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 11 02:33:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.375  | 168   | 116098   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.250  | 114   | 212784   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117   | 207071   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.815 | 152   | 108108   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.703  | 65    | 91348    | 52.538   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 105.080% |
| 35) Dibromofluoromethane     | 5.292  | 113   | 69839    | 49.160   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 98.320%  |
| 50) Toluene-d8               | 7.899  | 98    | 264817   | 50.130   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 100.260% |
| 62) 4-Bromofluorobenzene     | 10.635 | 95    | 102333   | 48.309   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 96.620%  |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 72267    | 48.009   | ug/l  | 100      |
| 3) Chloromethane             | 1.520  | 50    | 80618    | 46.808   | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.604  | 62    | 83484    | 49.760   | ug/l  | 99       |
| 5) Bromomethane              | 1.845  | 94    | 49060    | 52.427   | ug/l  | 99       |
| 6) Chloroethane              | 1.925  | 64    | 51395    | 46.940   | ug/l  | 95       |
| 7) Trichlorofluoromethane    | 2.134  | 101   | 111299   | 50.167   | ug/l  | 100      |
| 8) Diethyl Ether             | 2.375  | 74    | 44280    | 50.421   | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 64243    | 49.591   | ug/l  | 100      |
| 10) Methyl Iodide            | 2.723  | 142   | 69097    | 40.758   | ug/l  | 93       |
| 11) Tert butyl alcohol       | 3.179  | 59    | 97890    | 284.444  | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 61279    | 47.976   | ug/l  | 99       |
| 13) Acrolein                 | 2.485  | 56    | 13199    | 264.663  | ug/l  | 99       |
| 14) Allyl chloride           | 2.922  | 41    | 113317   | 49.686   | ug/l  | 98       |
| 15) Acrylonitrile            | 3.314  | 53    | 247114   | 268.944  | ug/l  | 99       |
| 16) Acetone                  | 2.626  | 43    | 194658   | 219.932  | ug/l  | 98       |
| 17) Carbon Disulfide         | 2.793  | 76    | 157637   | 44.062   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.948  | 43    | 158690   | 52.640   | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 3.366  | 73    | 239257   | 52.038   | ug/l  | 98       |
| 20) Methylene Chloride       | 3.047  | 84    | 76532    | 49.764   | ug/l  | 97       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96    | 67162    | 50.543   | ug/l  | 98       |
| 22) Diisopropyl ether        | 3.996  | 45    | 237403   | 53.014   | ug/l  | 93       |
| 23) Vinyl Acetate            | 3.957  | 43    | 925291   | 268.652  | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 3.870  | 63    | 137047   | 51.356   | ug/l  | 99       |
| 25) 2-Butanone               | 4.700  | 43    | 325813   | 265.411  | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 4.668  | 77    | 101009   | 45.678   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 4.668  | 96    | 80160    | 51.361   | ug/l  | 99       |
| 28) Bromochloromethane       | 4.976  | 49    | 56842    | 44.679   | ug/l  | 96       |
| 29) Tetrahydrofuran          | 5.050  | 42    | 207796   | 276.734  | ug/l  | 99       |
| 30) Chloroform               | 5.092  | 83    | 137891   | 52.247   | ug/l  | 98       |
| 31) Cyclohexane              | 5.388  | 56    | 118212   | 46.596   | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 5.317  | 97    | 117818   | 52.349   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.530  | 75    | 97722    | 47.099   | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.803  | 43    | 122010   | 51.193   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.526  | 117   | 100545   | 48.068   | ug/l  | 97       |
| 39) Methylcyclohexane        | 6.764  | 83    | 117274   | 46.073   | ug/l  | 96       |
| 40) Benzene                  | 5.777  | 78    | 291122   | 47.393   | ug/l  | 100      |

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 Sample : M4638-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 11 02:33:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 66142    | 52.514   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.796  | 62   | 111435   | 50.223   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.912  | 43   | 181786   | 49.867   | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 73054    | 49.684   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 81964    | 50.428   | ug/l   | 98       |
| 46) Dibromomethane            | 6.919  | 93   | 54783    | 48.644   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.108  | 83   | 109492   | 51.239   | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.960  | 41   | 85753    | 51.108   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.964  | 88   | 43814    | 1015.401 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 627719   | 261.034  | ug/l   | 100      |
| 52) Toluene                   | 7.970  | 92   | 186573   | 49.611   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 119507   | 48.662   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 129124   | 49.501   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 78635    | 50.451   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.336  | 69   | 126637   | 45.526   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 139502   | 49.693   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 318362   | 221.866  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.684  | 43   | 484956   | 232.315  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.812  | 129  | 83163    | 51.241   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 82926    | 49.607   | ug/l   | 97       |
| 64) Tetrachloroethene         | 8.555  | 164  | 61812    | 52.009   | ug/l   | 99       |
| 65) Chlorobenzene             | 9.449  | 112  | 193948   | 47.683   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 72267    | 49.817   | ug/l   | 97       |
| 67) Ethyl Benzene             | 9.571  | 91   | 355542   | 48.812   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.697  | 106  | 273451   | 99.544   | ug/l   | 99       |
| 69) o-Xylene                  | 10.102 | 106  | 134155   | 50.232   | ug/l   | 100      |
| 70) Styrene                   | 10.115 | 104  | 230801   | 51.083   | ug/l   | 98       |
| 71) Bromoform                 | 10.295 | 173  | 60339    | 44.320   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.488 | 105  | 358539   | 50.758   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 155886   | 48.920   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 136775   | 48.872   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 151096   | 46.088   | ug/l   | 94       |
| 77) Bromobenzene              | 10.783 | 156  | 82972    | 48.380   | ug/l   | 96       |
| 78) n-propylbenzene           | 10.909 | 91   | 430633   | 48.983   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 253820   | 48.867   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 305134   | 49.442   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 38369    | 39.037   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.098 | 91   | 296088   | 48.608   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 292620   | 49.739   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 307698   | 50.165   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 383887   | 49.201   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 320091   | 49.093   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 159461   | 46.083   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 162152   | 46.333   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.211 | 91   | 292559   | 46.581   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.478 | 117  | 52003    | 44.213   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 161141   | 47.865   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 31782    | 48.128   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 104386   | 44.844   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 43558    | 43.350   | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 400314   | 45.832   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 109235   | 47.245   | ug/l   | 99       |

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Quant Time: Nov 11 02:33:01 2021  
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Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

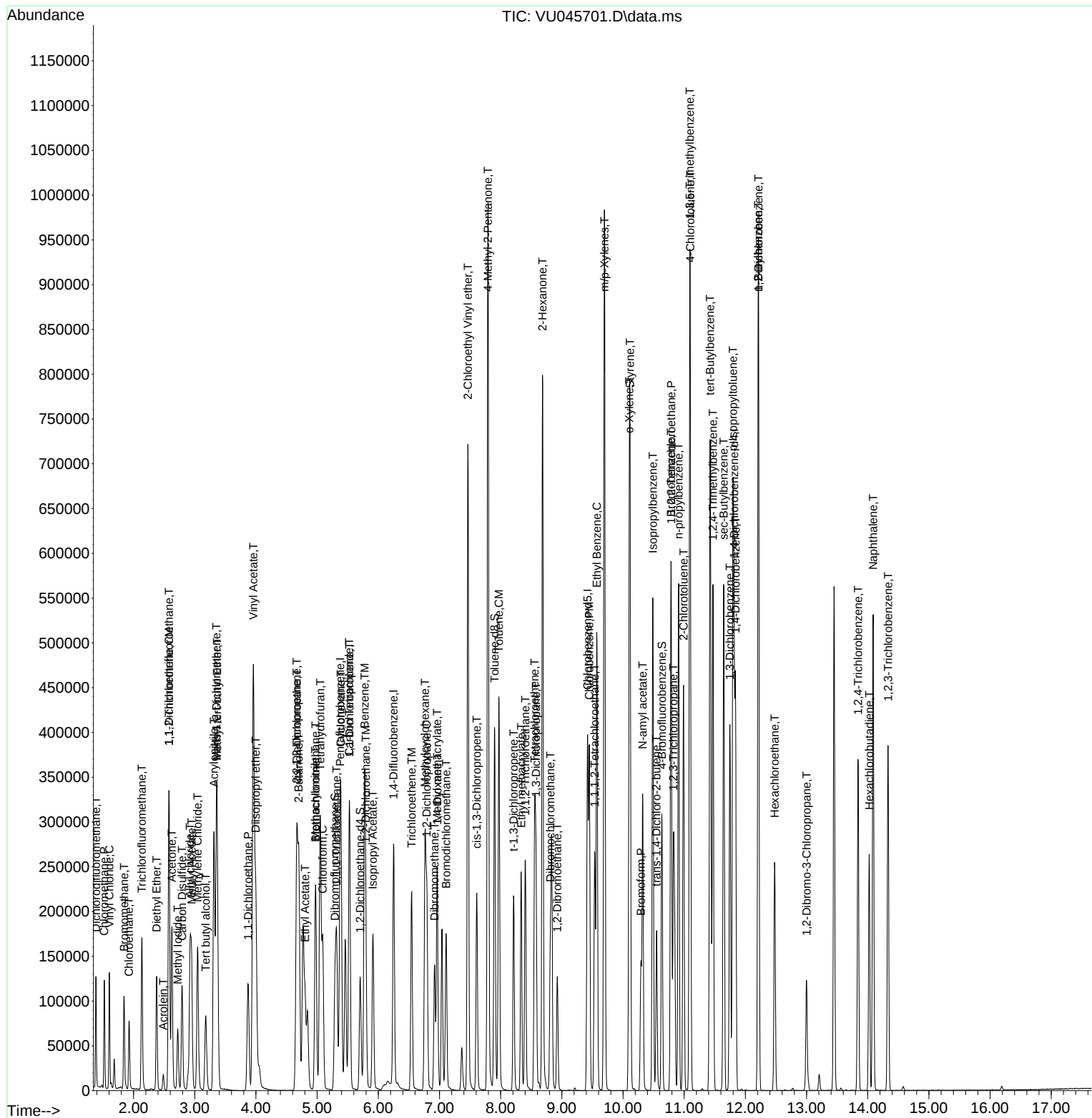
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

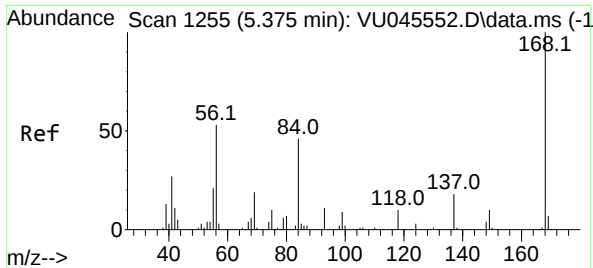
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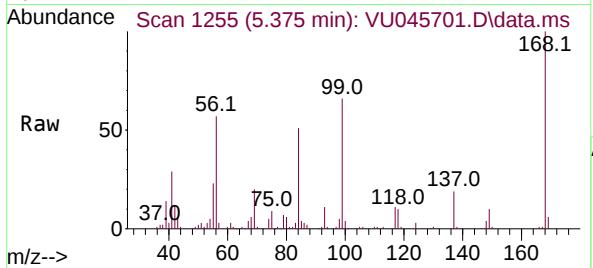
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration



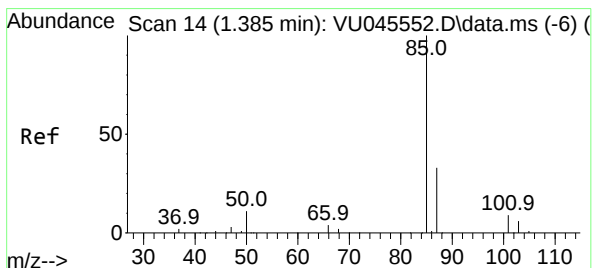
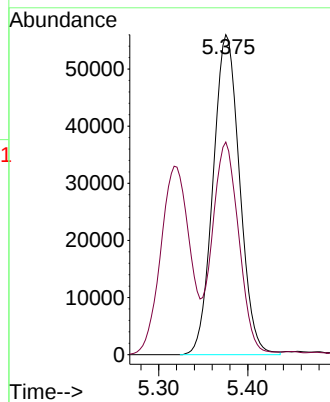
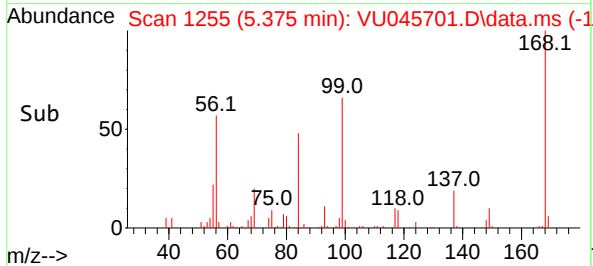


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

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MSVOA\_U  
ClientSampleId :

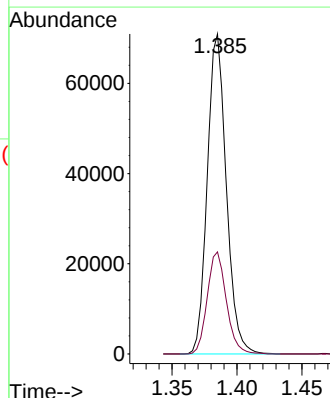
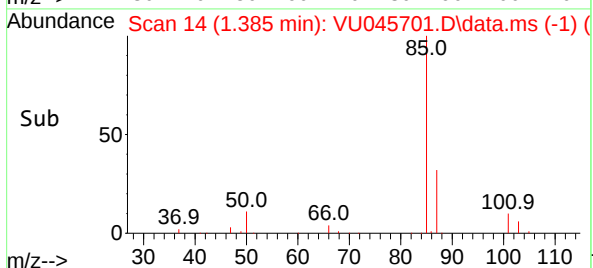
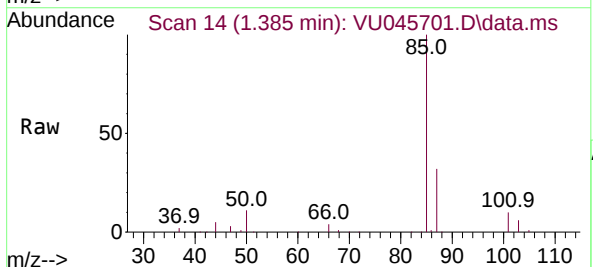


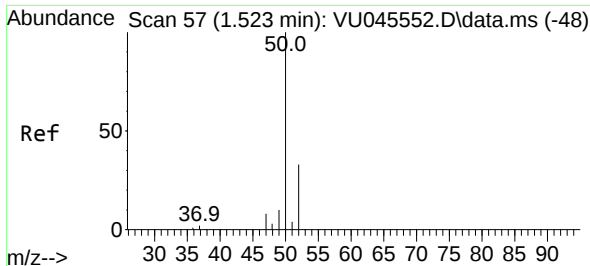
Tgt Ion:168 Resp: 116098  
Ion Ratio Lower Upper  
168 100  
99 65.6 51.0 76.6



#2  
Dichlorodifluoromethane  
Concen: 48.009 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 85 Resp: 72267  
Ion Ratio Lower Upper  
85 100  
87 31.9 15.9 47.7

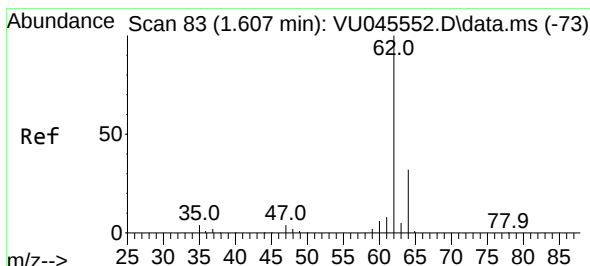
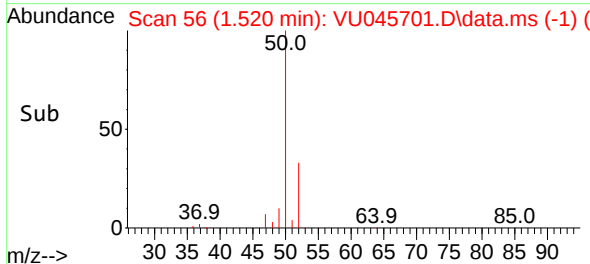
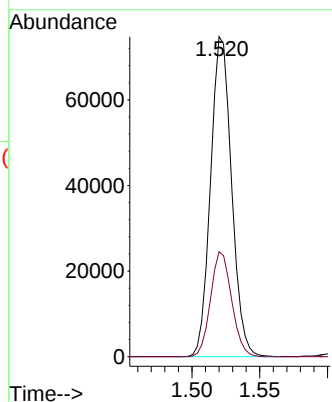
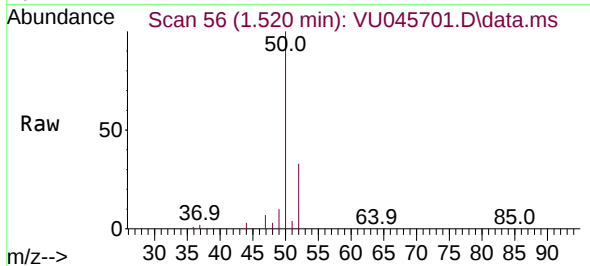




#3  
Chloromethane  
Concen: 46.808 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

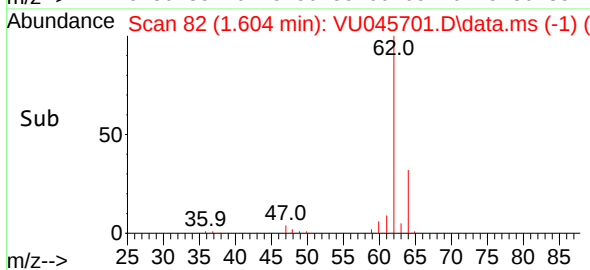
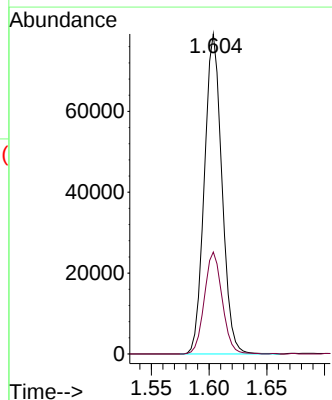
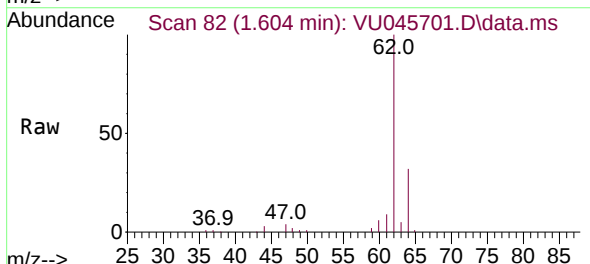
Instrument :  
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ClientSampleId :

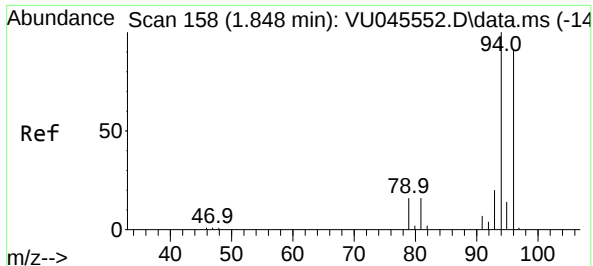
Tgt Ion: 50 Resp: 80618  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.6 40.0



#4  
Vinyl Chloride  
Concen: 49.760 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 62 Resp: 83484  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.8 38.6

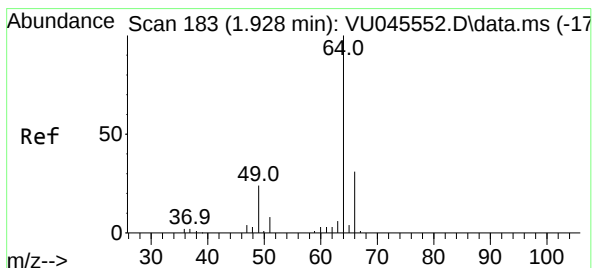
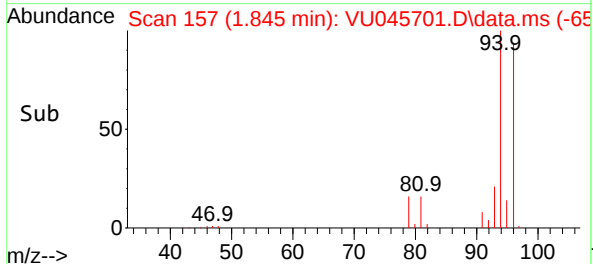
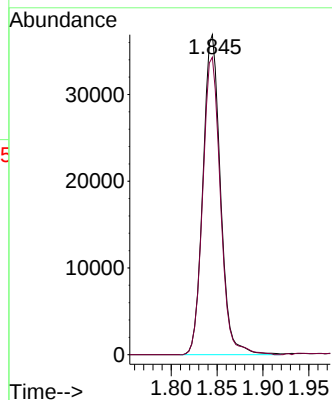
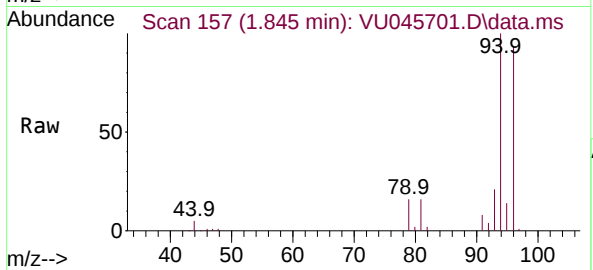




#5  
Bromomethane  
Concen: 52.427 ug/l  
RT: 1.845 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

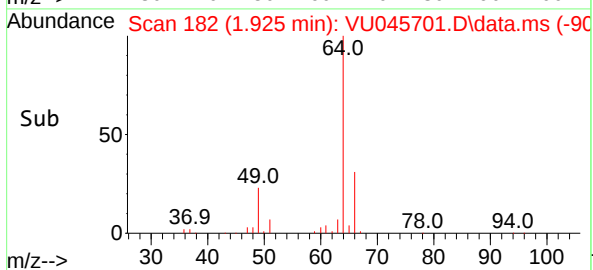
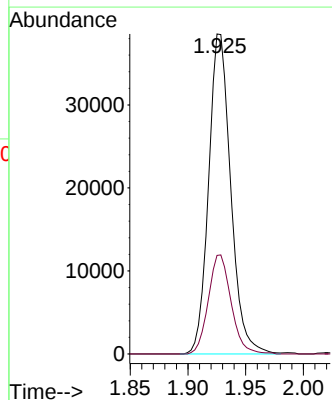
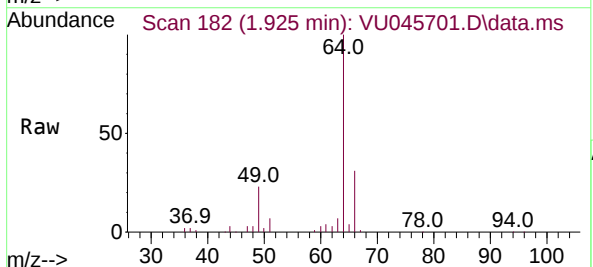
Instrument :  
MSVOA\_U  
ClientSampleId :

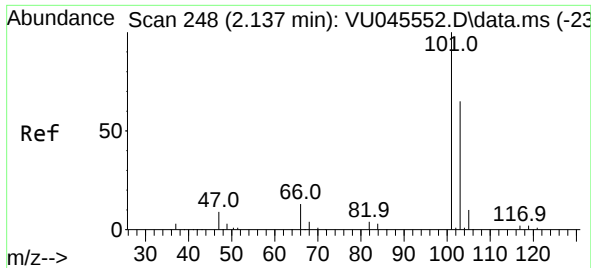
Tgt Ion: 94 Resp: 49060  
Ion Ratio Lower Upper  
94 100  
96 93.0 75.4 113.2



#6  
Chloroethane  
Concen: 46.940 ug/l  
RT: 1.925 min Scan# 182  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 64 Resp: 51395  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.7 40.1

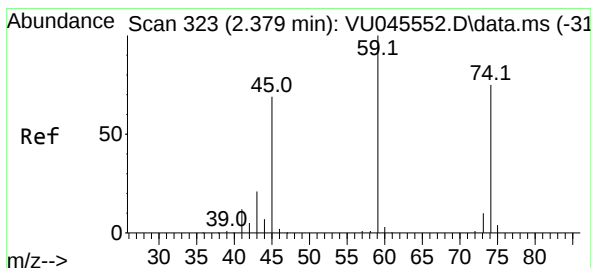
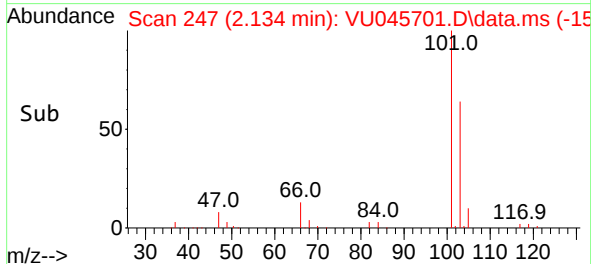
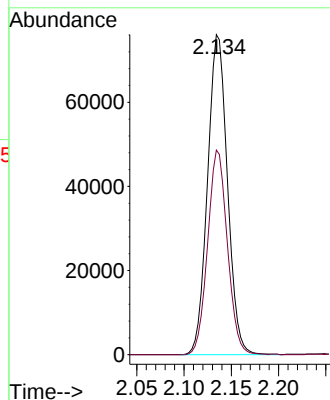
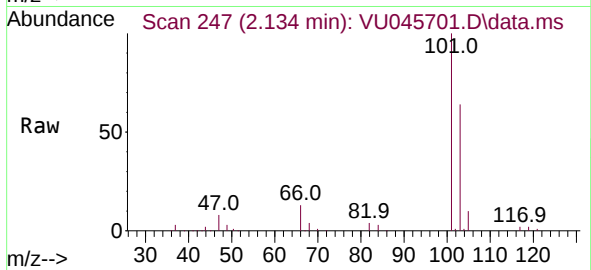




#7  
Trichlorofluoromethane  
Concen: 50.167 ug/l  
RT: 2.134 min Scan# 248  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

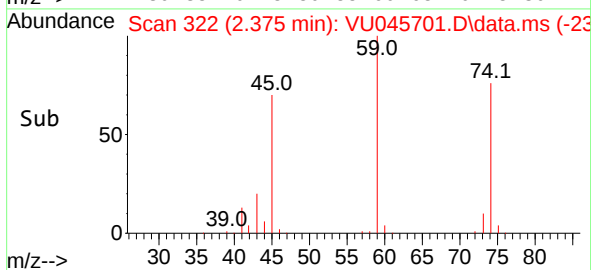
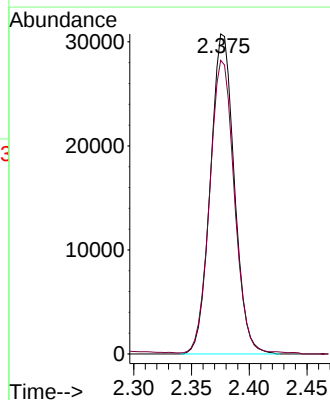
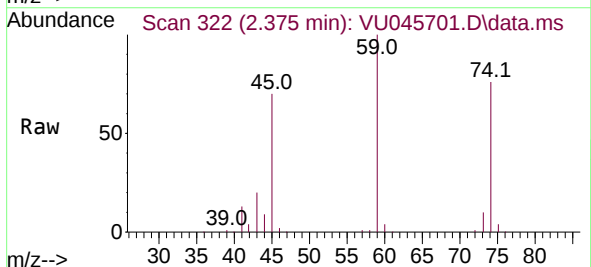
Instrument :  
MSVOA\_U  
ClientSampleId :

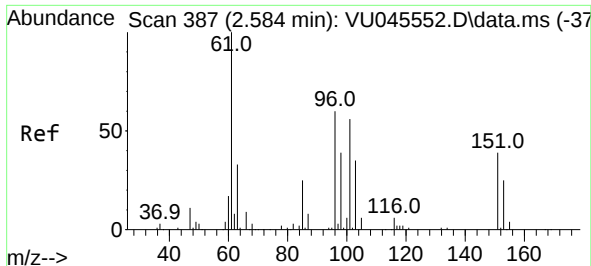
Tgt Ion:101 Resp: 111299  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.4 77.0



#8  
Diethyl Ether  
Concen: 50.421 ug/l  
RT: 2.375 min Scan# 322  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 74 Resp: 44280  
Ion Ratio Lower Upper  
74 100  
45 95.4 47.3 141.8

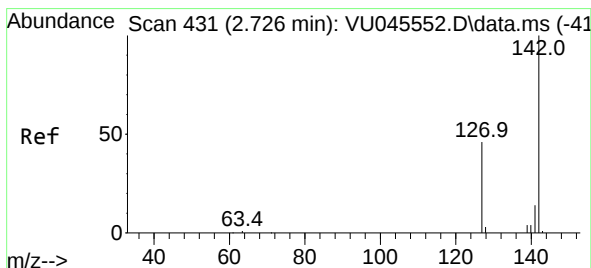
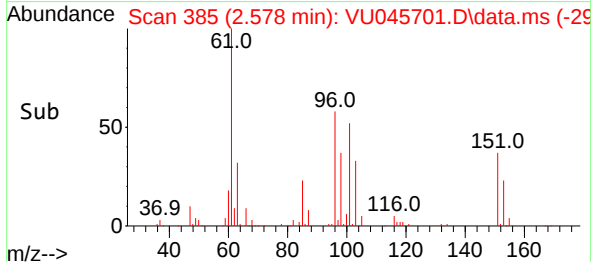
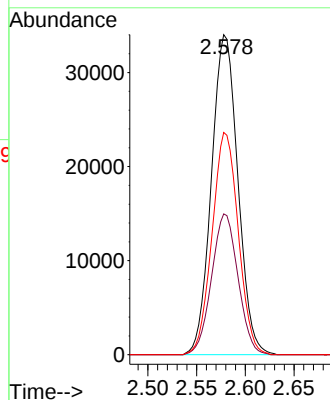
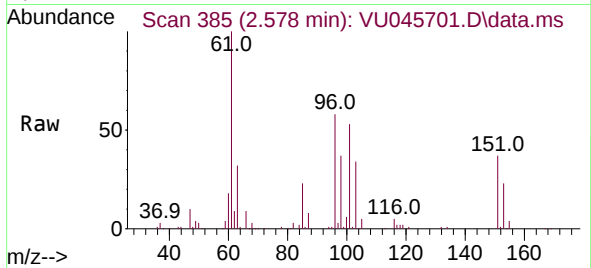




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.591 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.007 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

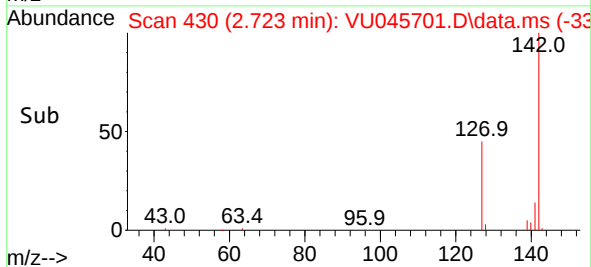
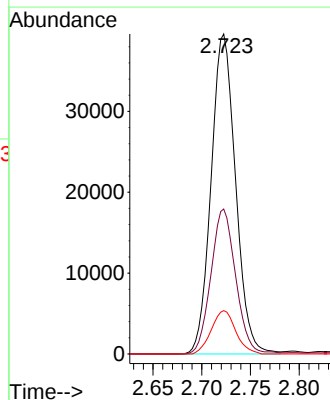
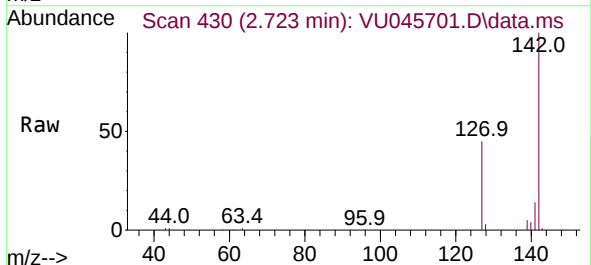
Instrument :  
MSVOA\_U  
ClientSampleId :

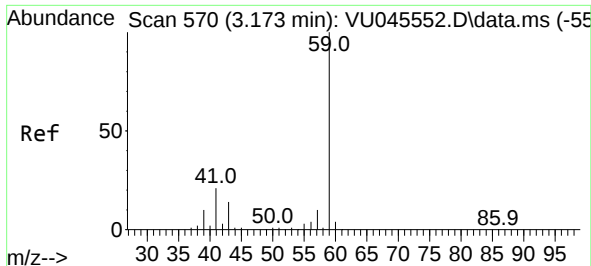
Tgt Ion:101 Resp: 64243  
Ion Ratio Lower Upper  
101 100  
85 43.9 35.0 52.4  
151 68.7 54.6 82.0



#10  
Methyl Iodide  
Concen: 40.758 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:142 Resp: 69097  
Ion Ratio Lower Upper  
142 100  
127 45.9 32.2 48.2  
141 13.6 11.3 16.9

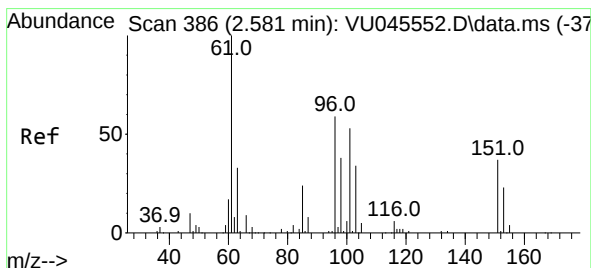
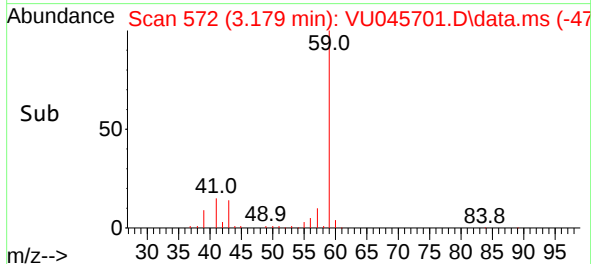
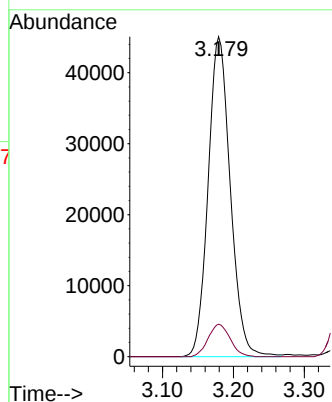
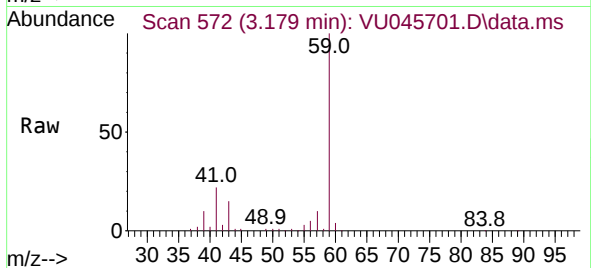




#11  
Tert butyl alcohol  
Concen: 284.444 ug/l  
RT: 3.179 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

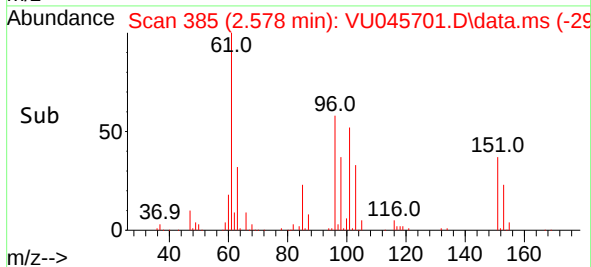
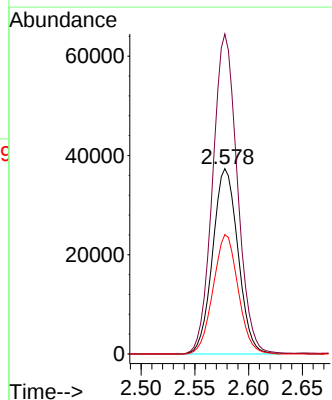
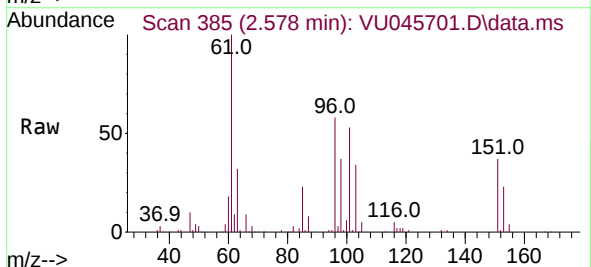
Instrument :  
MSVOA\_U  
ClientSampleId :

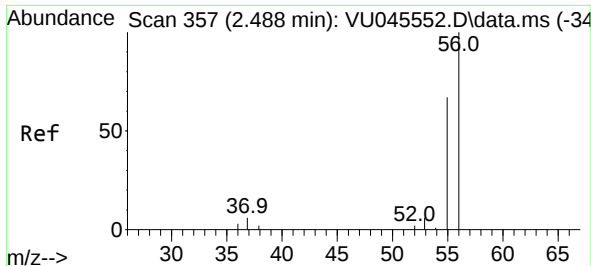
Tgt Ion: 59 Resp: 97890  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 47.976 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 96 Resp: 61279  
Ion Ratio Lower Upper  
96 100  
61 172.6 137.1 205.7  
98 64.4 51.5 77.3

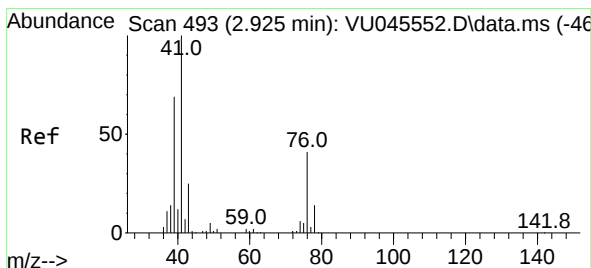
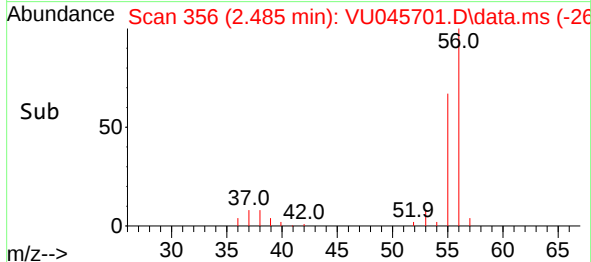
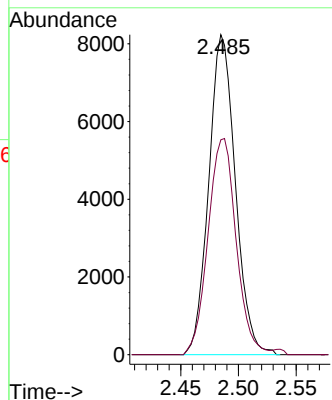
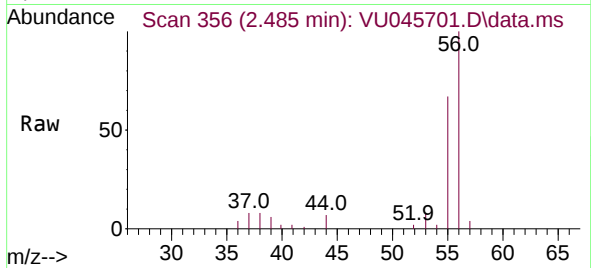




#13  
Acrolein  
Concen: 264.663 ug/l  
RT: 2.485 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

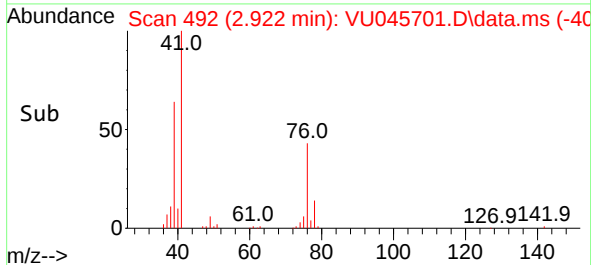
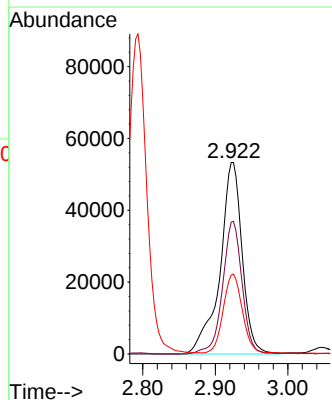
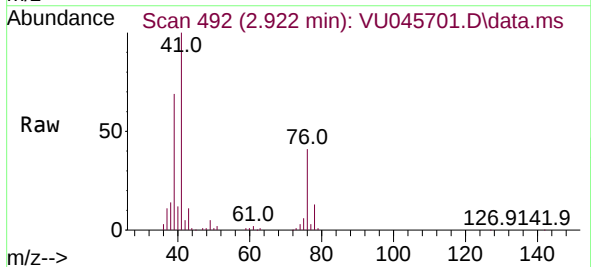
Instrument :  
MSVOA\_U  
ClientSampleId :

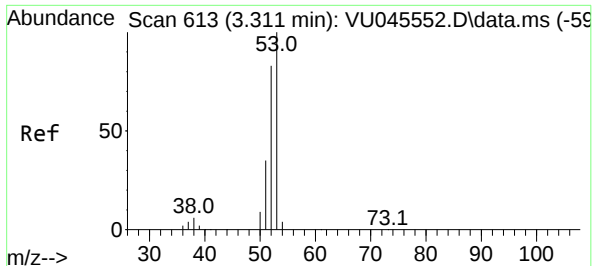
Tgt Ion: 56 Resp: 13199  
Ion Ratio Lower Upper  
56 100  
55 71.4 56.3 84.5



#14  
Allyl chloride  
Concen: 49.686 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 41 Resp: 113317  
Ion Ratio Lower Upper  
41 100  
39 60.8 49.7 74.5  
76 35.9 27.7 41.5





#15

Acrylonitrile

Concen: 268.944 ug/l

RT: 3.314 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

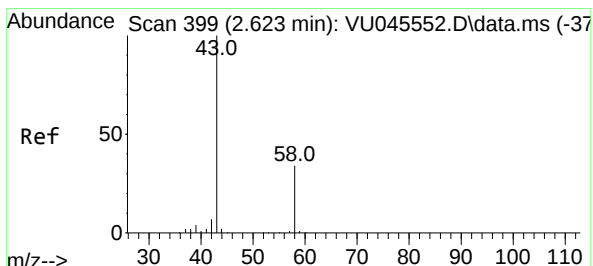
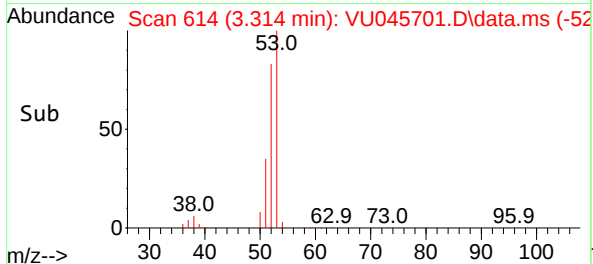
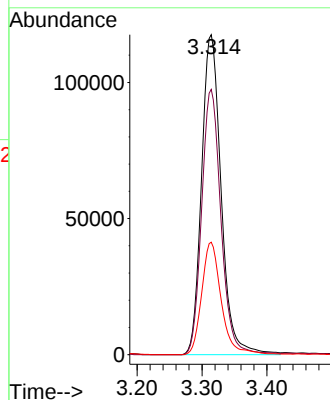
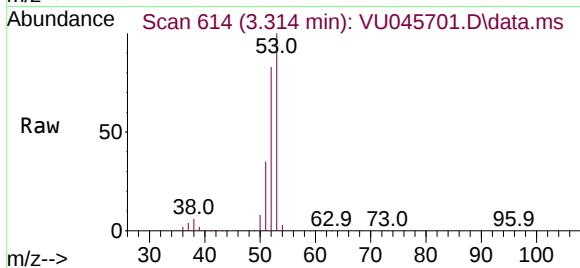
Tgt Ion: 53 Resp: 247114

Ion Ratio Lower Upper

53 100

52 81.7 66.6 100.0

51 35.3 28.4 42.6



#16

Acetone

Concen: 219.932 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045701.D

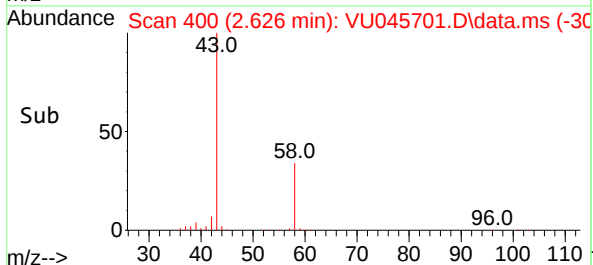
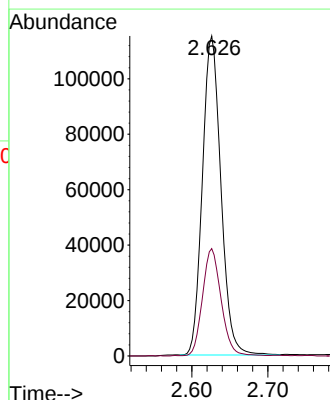
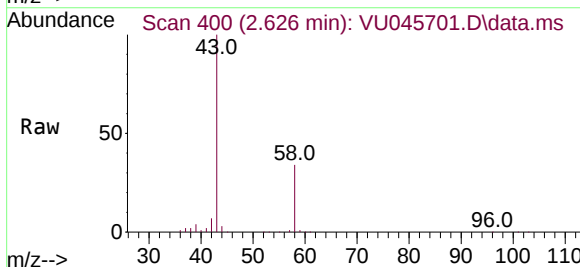
Acq: 10 Nov 2021 20:22

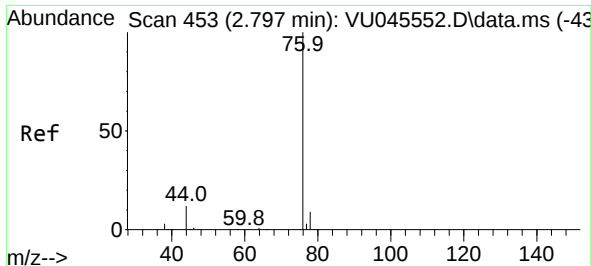
Tgt Ion: 43 Resp: 194658

Ion Ratio Lower Upper

43 100

58 33.6 26.2 39.2

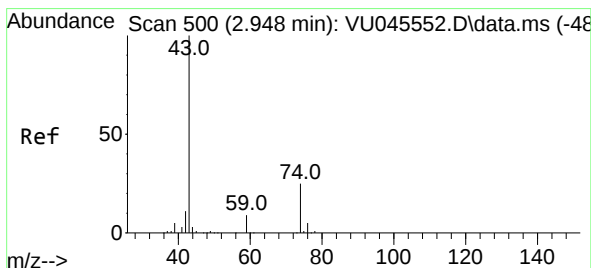
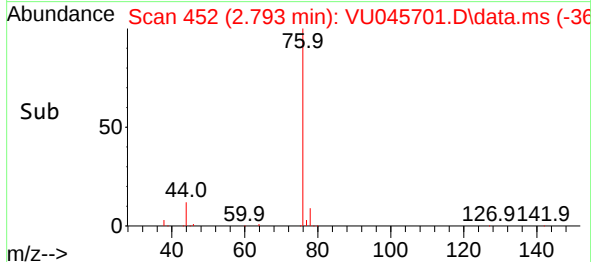
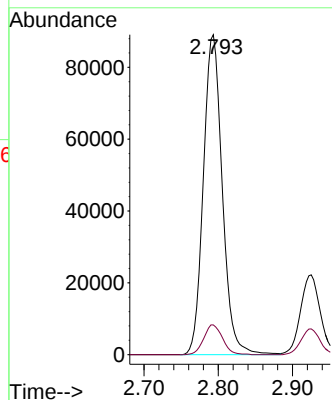
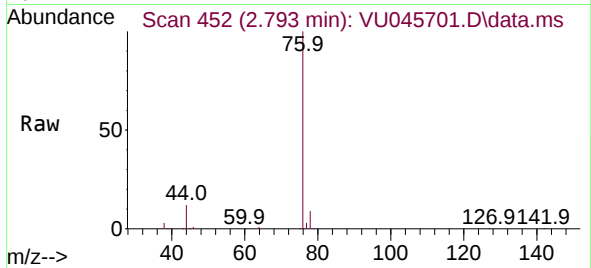




#17  
Carbon Disulfide  
Concen: 44.062 ug/l  
RT: 2.793 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

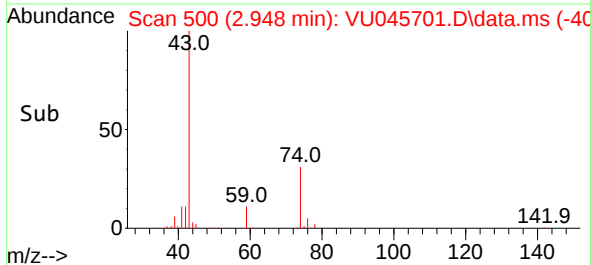
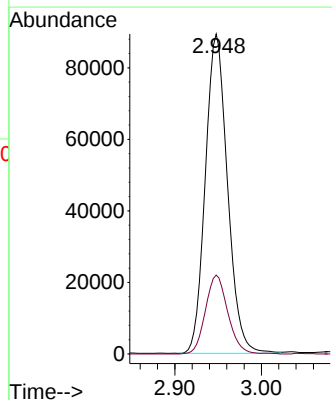
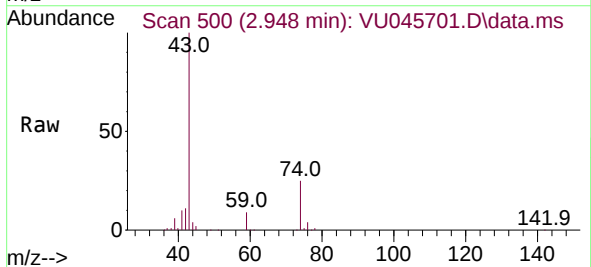
Instrument :  
MSVOA\_U  
ClientSampleId :

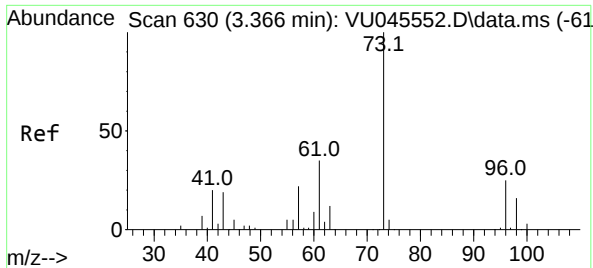
Tgt Ion: 76 Resp: 157637  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 52.640 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

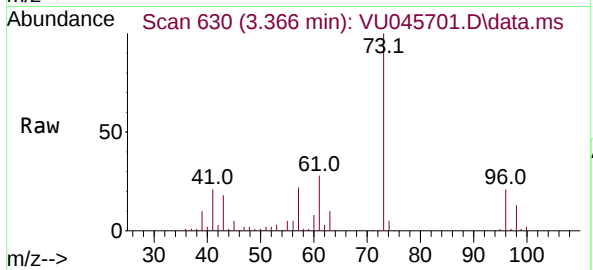
Tgt Ion: 43 Resp: 158690  
Ion Ratio Lower Upper  
43 100  
74 24.9 20.2 30.2



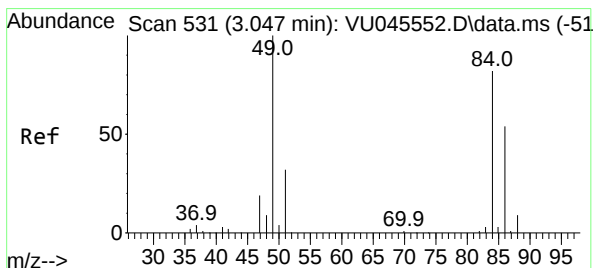
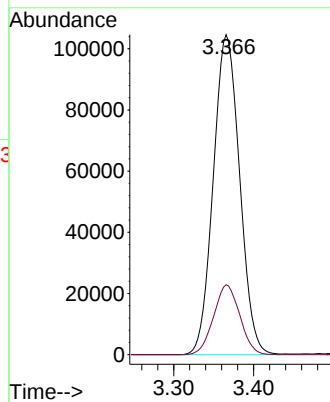
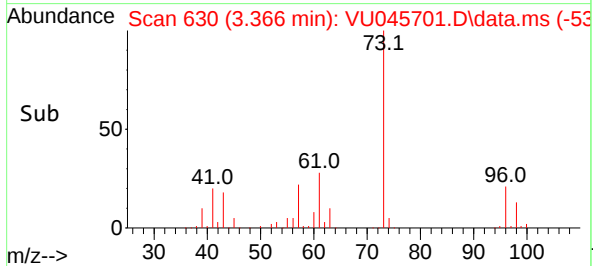


#19  
Methyl tert-butyl Ether  
Concen: 52.038 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

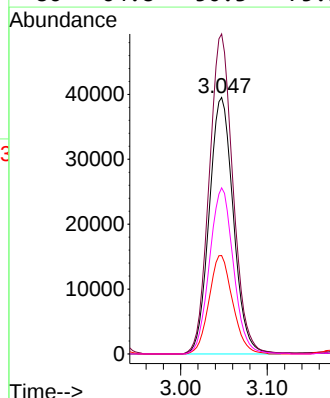
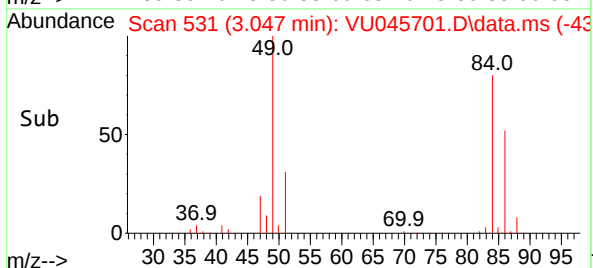
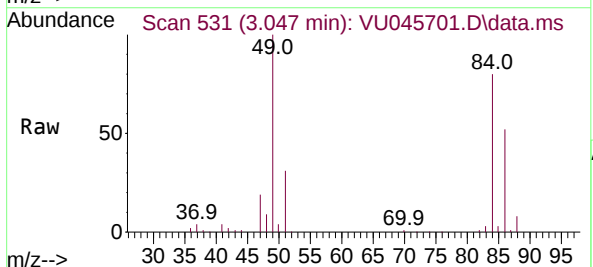


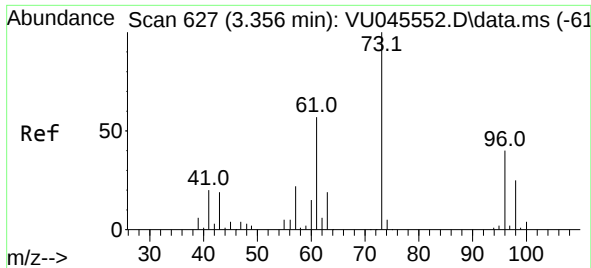
Tgt Ion: 73 Resp: 239257  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.1 27.1



#20  
Methylene Chloride  
Concen: 49.764 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

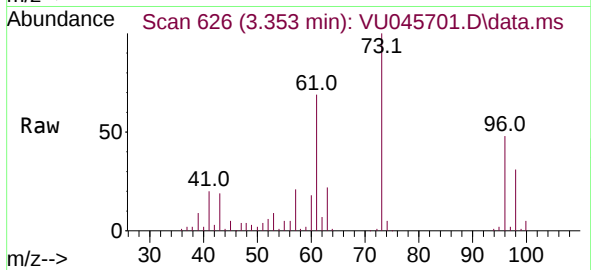
Tgt Ion: 84 Resp: 76532  
Ion Ratio Lower Upper  
84 100  
49 124.8 96.4 144.6  
51 38.3 30.5 45.7  
86 64.8 50.3 75.5



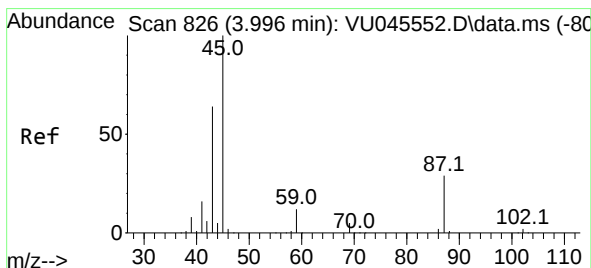
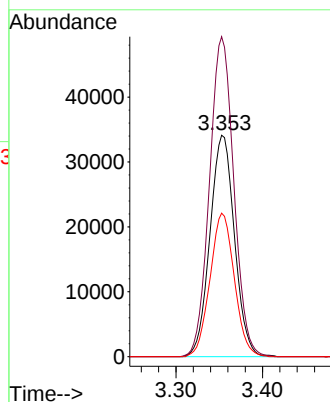
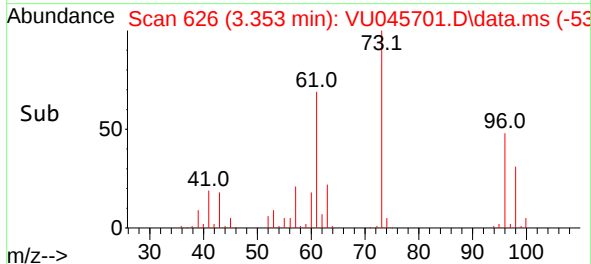


#21  
trans-1,2-Dichloroethene  
Concen: 50.543 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

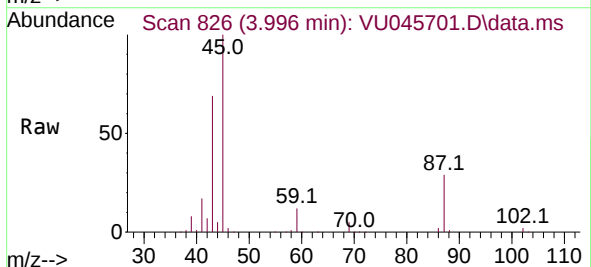
Instrument :  
MSVOA\_U  
ClientSampleId :



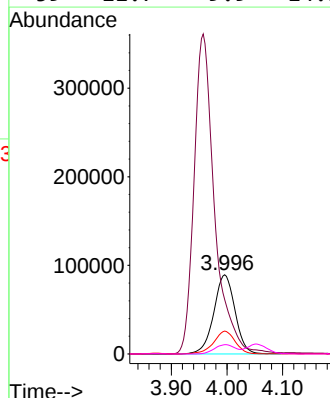
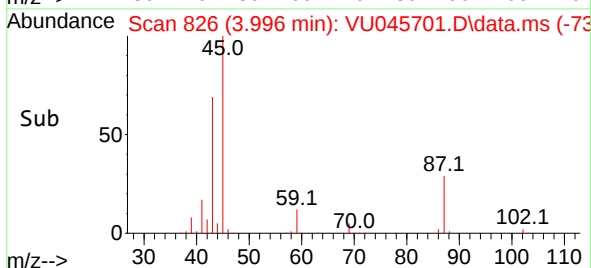
Tgt Ion: 96 Resp: 67162  
Ion Ratio Lower Upper  
96 100  
61 144.5 118.2 177.4  
98 64.8 52.1 78.1

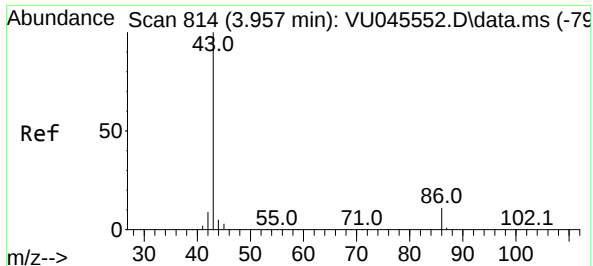


#22  
Diisopropyl ether  
Concen: 53.014 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22



Tgt Ion: 45 Resp: 237403  
Ion Ratio Lower Upper  
45 100  
43 67.0 60.0 90.0  
87 28.9 22.3 33.5  
59 11.7 9.9 14.9

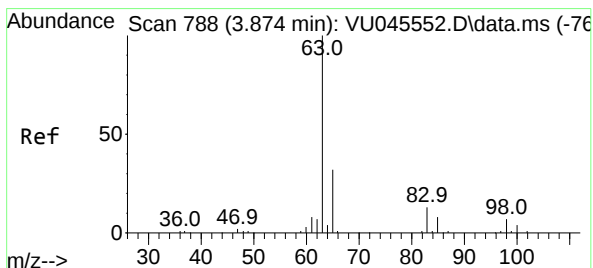
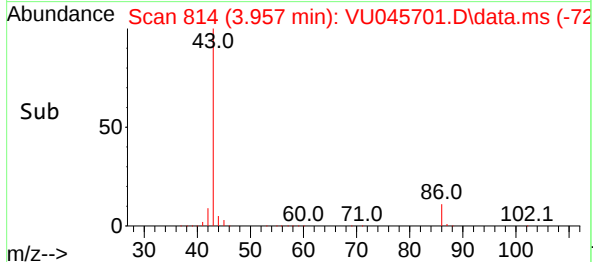
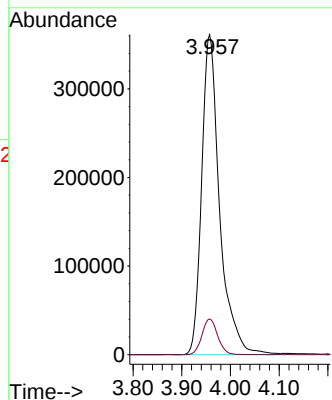
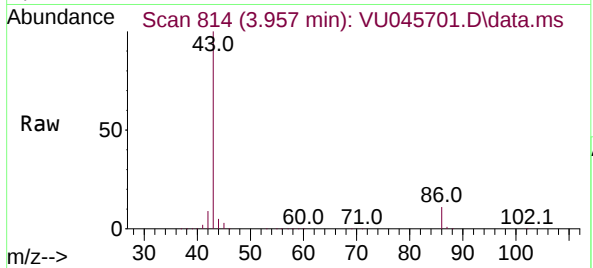




#23  
 Vinyl Acetate  
 Concen: 268.652 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

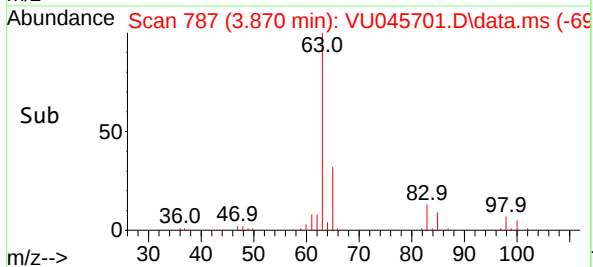
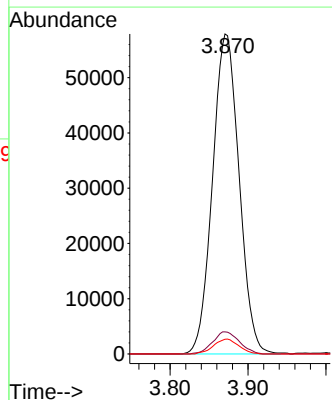
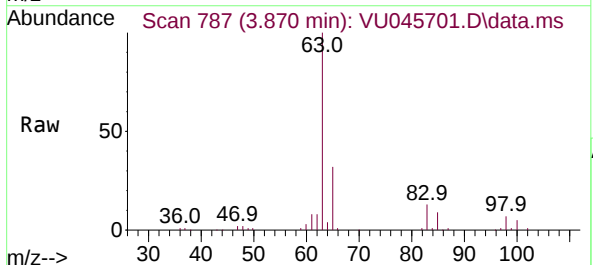
Instrument :  
 MSVOA\_U  
 ClientSampleId :

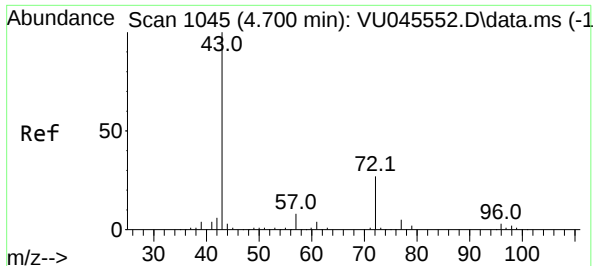
Tgt Ion: 43 Resp: 925291  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 51.356 ug/l  
 RT: 3.870 min Scan# 787  
 Delta R.T. -0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

Tgt Ion: 63 Resp: 137047  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.6  
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 265.411 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

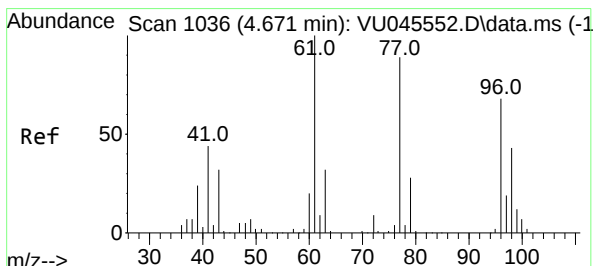
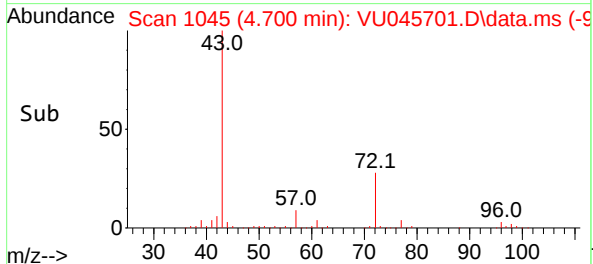
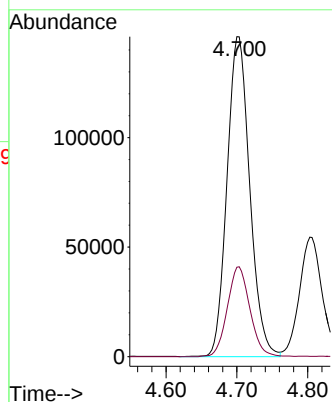
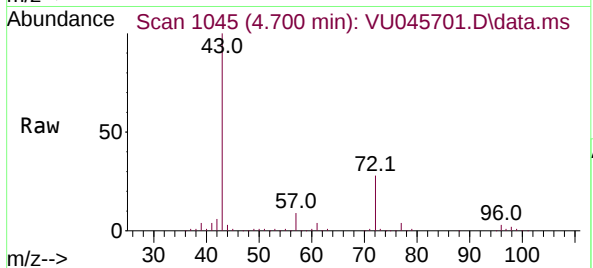
ClientSampleId :

Tgt Ion: 43 Resp: 325813

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 45.678 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045701.D

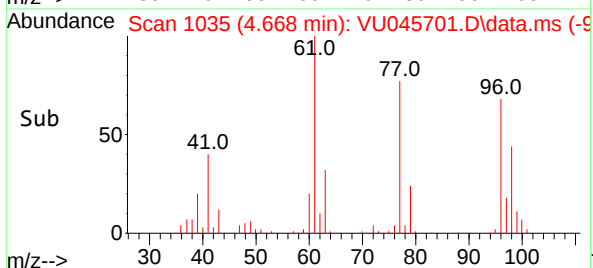
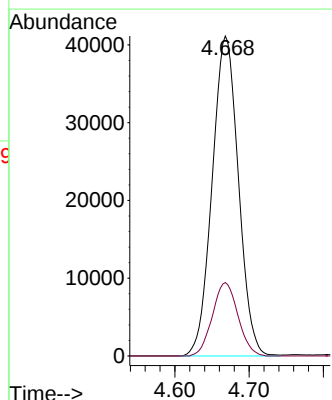
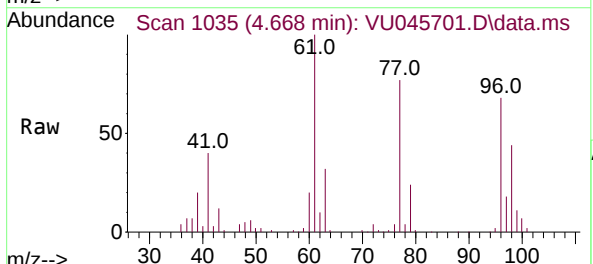
Acq: 10 Nov 2021 20:22

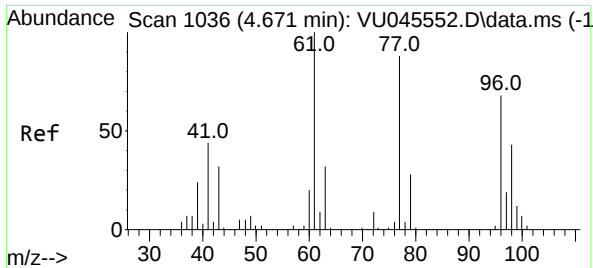
Tgt Ion: 77 Resp: 101009

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1

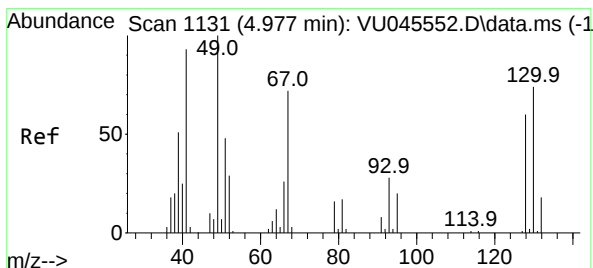
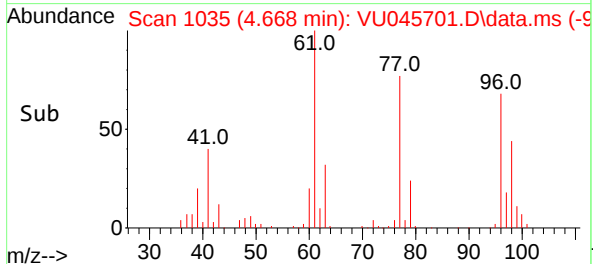
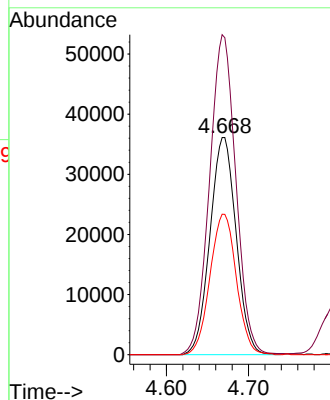
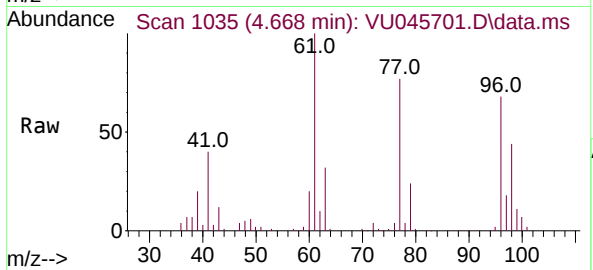




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.361 ug/l  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

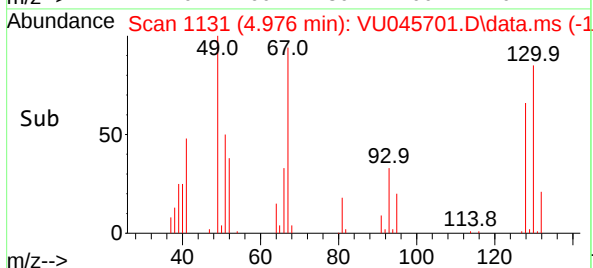
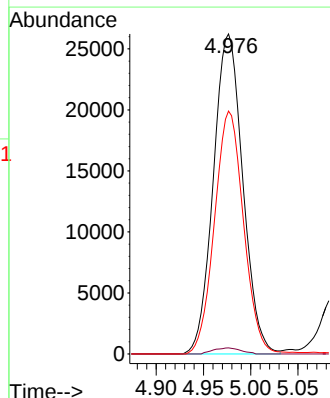
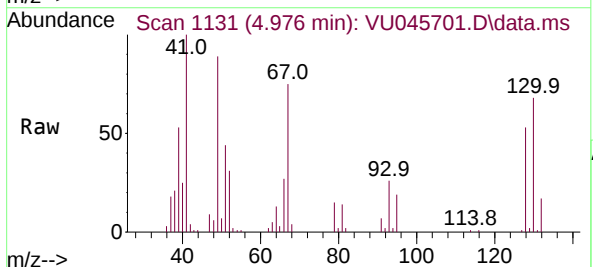
Instrument :  
 MSVOA\_U  
 ClientSampleId :

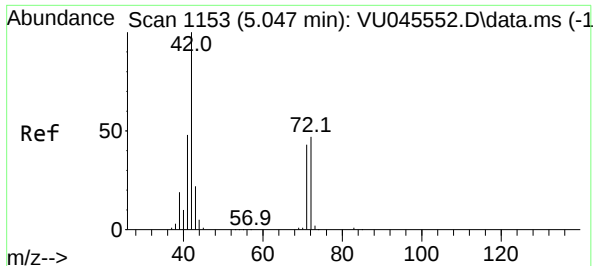
Tgt Ion: 96 Resp: 80160  
 Ion Ratio Lower Upper  
 96 100  
 61 148.0 0.0 299.2  
 98 65.1 0.0 127.6



#28  
 Bromochloromethane  
 Concen: 44.679 ug/l  
 RT: 4.976 min Scan# 1131  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

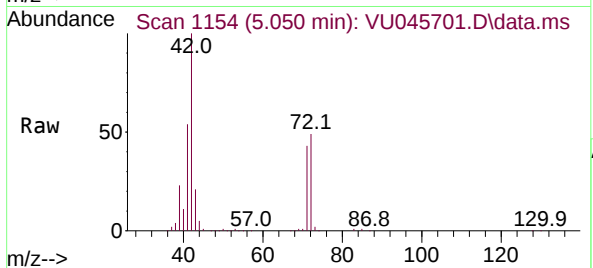
Tgt Ion: 49 Resp: 56842  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.4  
 130 75.0 57.5 86.3



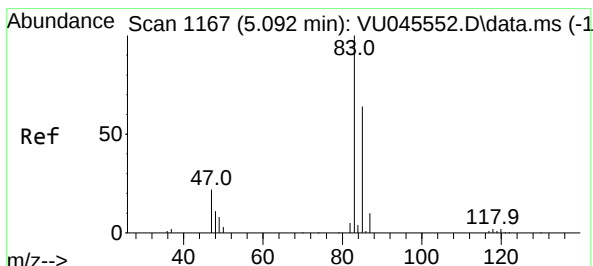
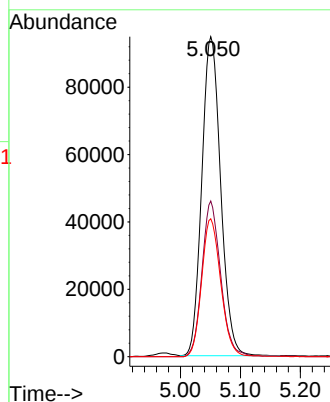
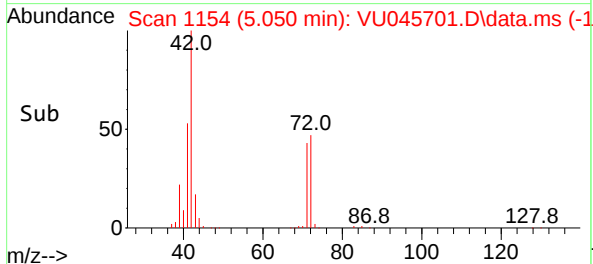


#29  
Tetrahydrofuran  
Concen: 276.734 ug/l  
RT: 5.050 min Scan# 1154  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

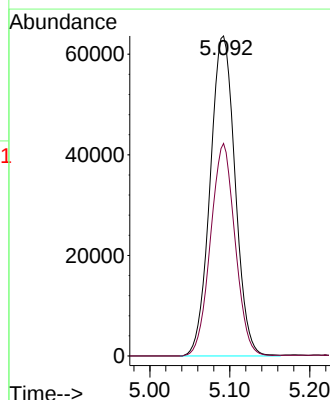
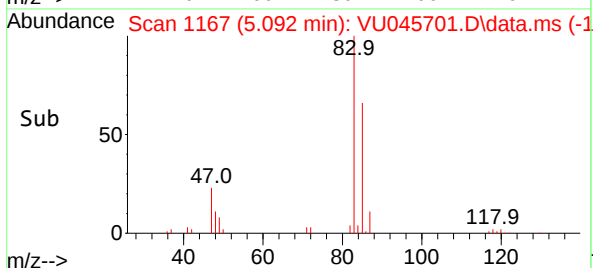
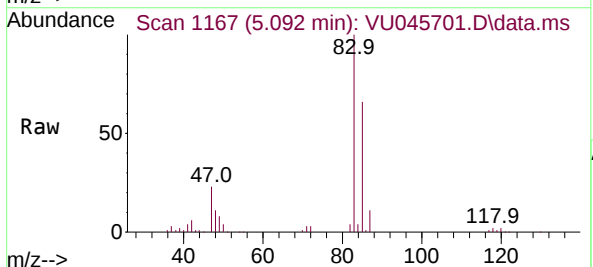


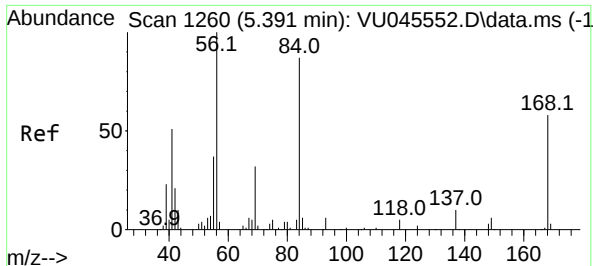
Tgt Ion: 42 Resp: 207796  
Ion Ratio Lower Upper  
42 100  
72 48.1 38.2 57.4  
71 43.6 35.4 53.2



#30  
Chloroform  
Concen: 52.247 ug/l  
RT: 5.092 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

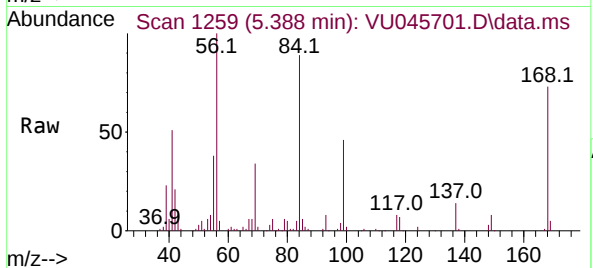
Tgt Ion: 83 Resp: 137891  
Ion Ratio Lower Upper  
83 100  
85 66.4 52.0 78.0



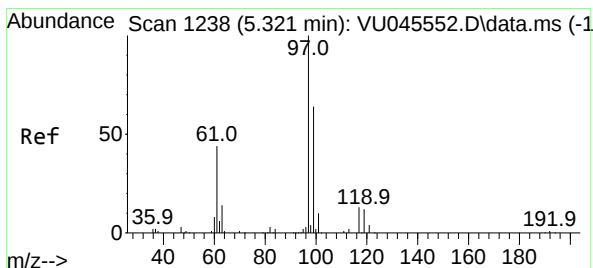
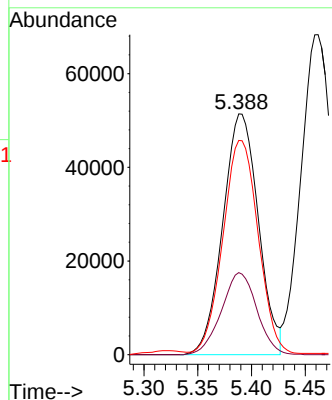
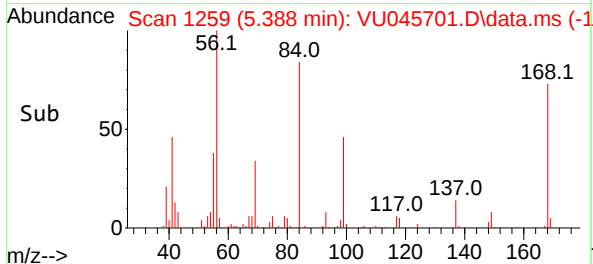


#31  
Cyclohexane  
Concen: 46.596 ug/l  
RT: 5.388 min Scan# 118212  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

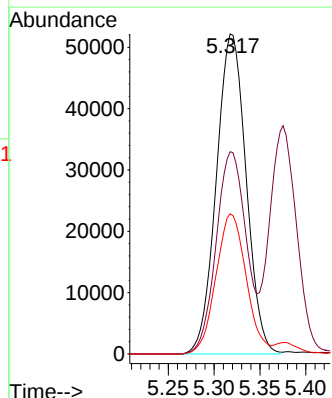
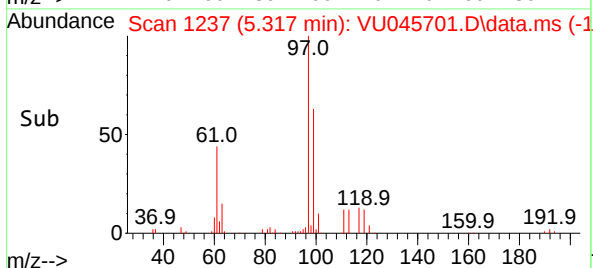
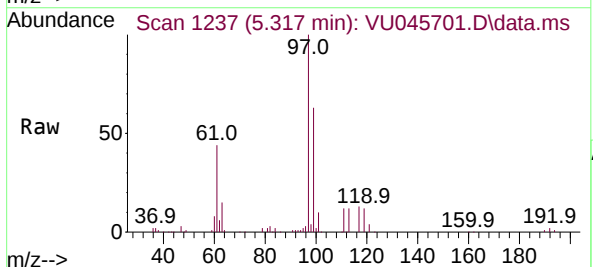


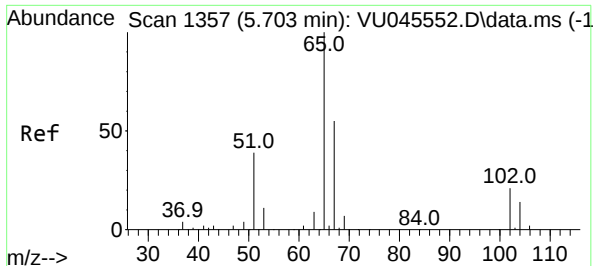
Tgt Ion: 56 Resp: 118212  
Ion Ratio Lower Upper  
56 100  
69 34.1 26.4 39.6  
84 87.7 68.4 102.6



#32  
1,1,1-Trichloroethane  
Concen: 52.349 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 97 Resp: 117818  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 44.6 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.538 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

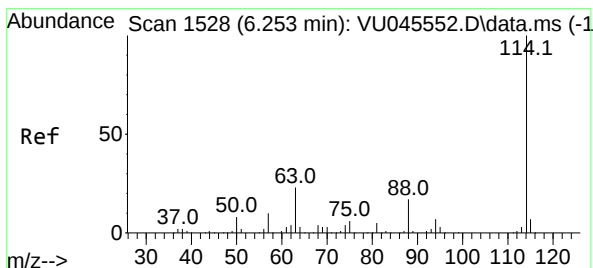
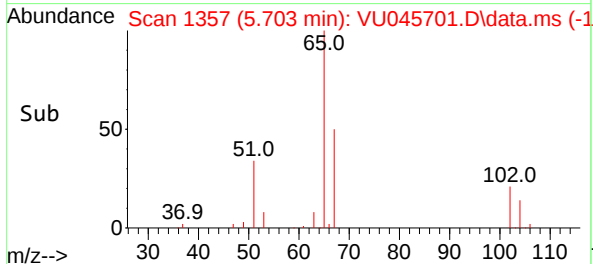
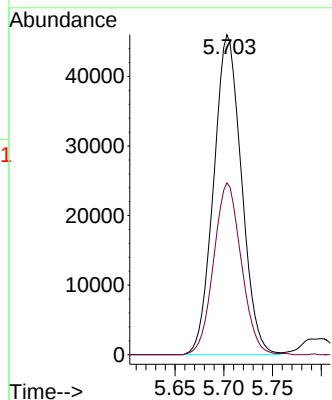
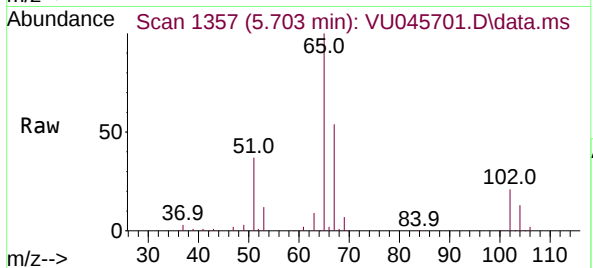
ClientSampleId :

Tgt Ion: 65 Resp: 91348

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

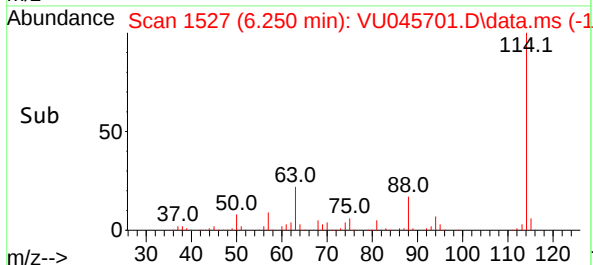
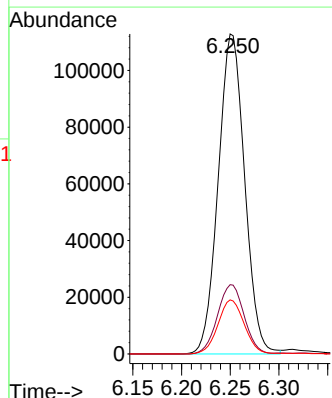
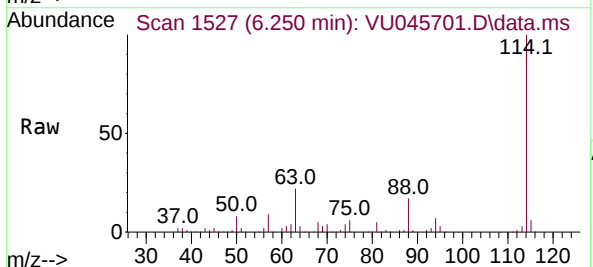
Tgt Ion: 114 Resp: 212784

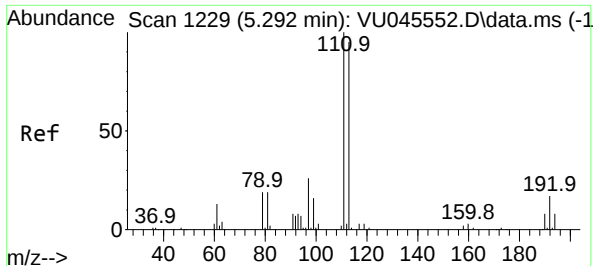
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.160 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

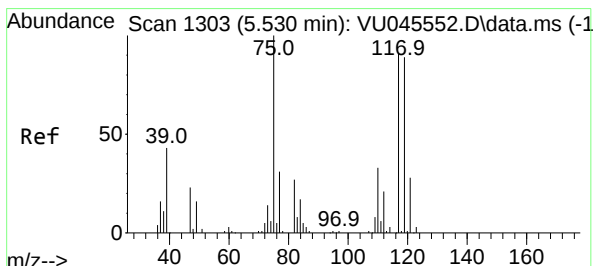
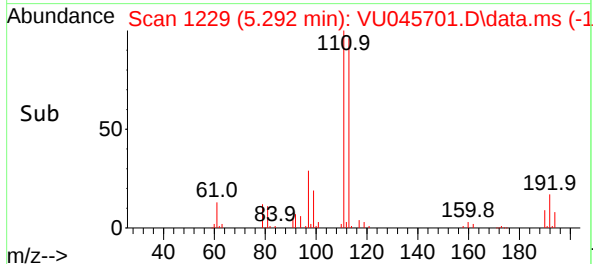
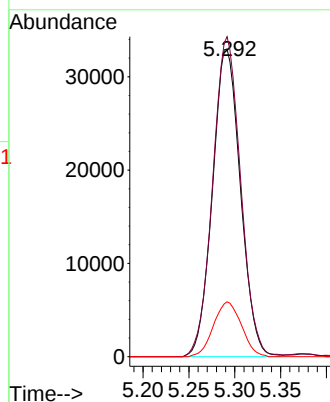
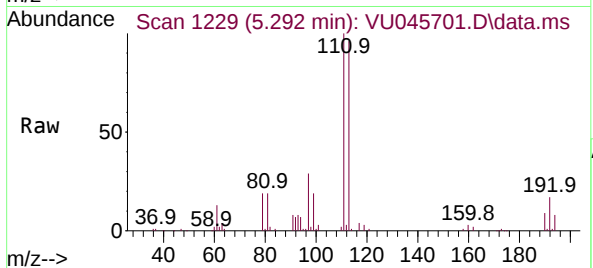
Tgt Ion:113 Resp: 69839

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 47.099 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

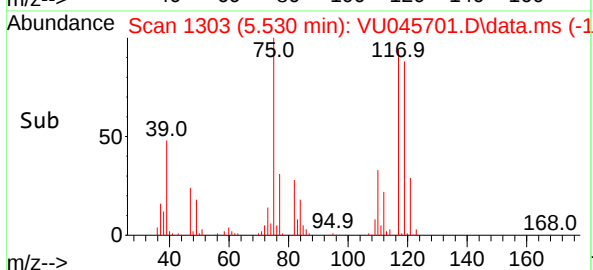
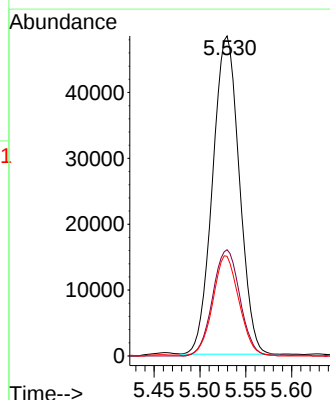
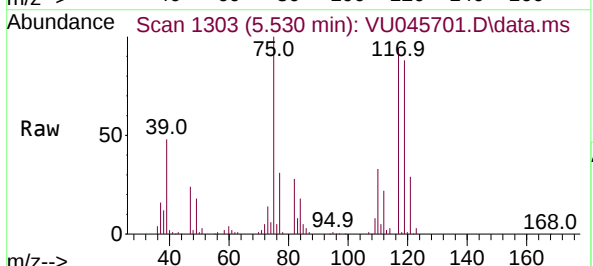
Tgt Ion: 75 Resp: 97722

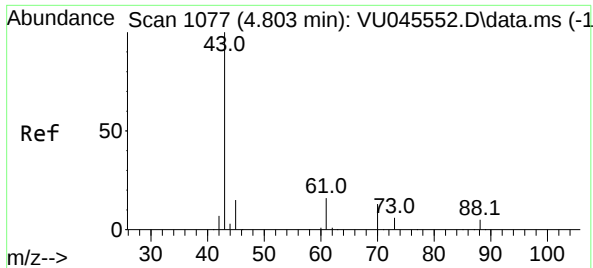
Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.0

77 31.1 25.0 37.4

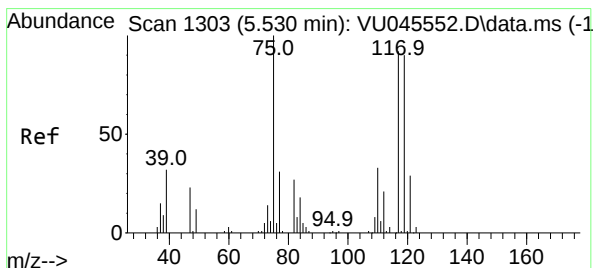
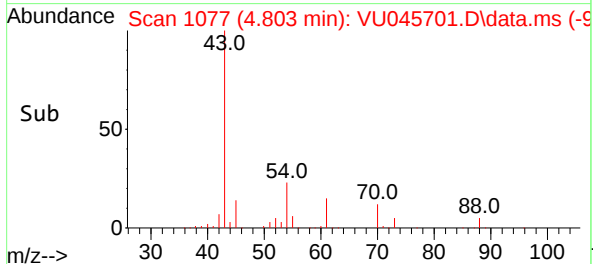
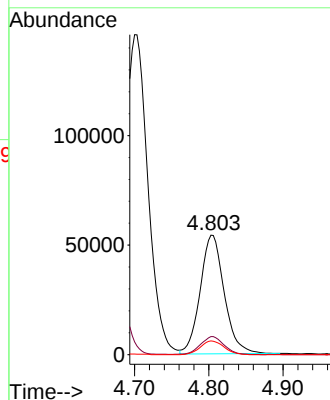
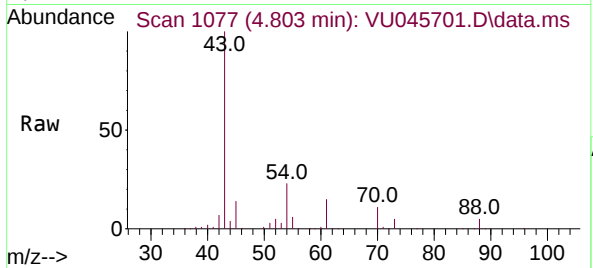




#37  
Ethyl Acetate  
Concen: 51.193 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

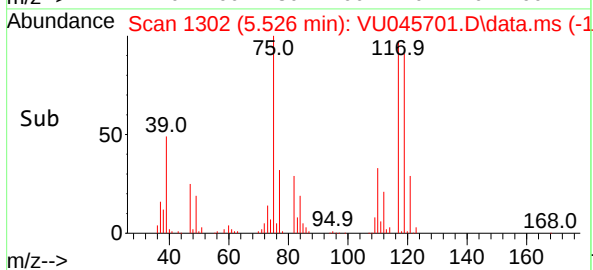
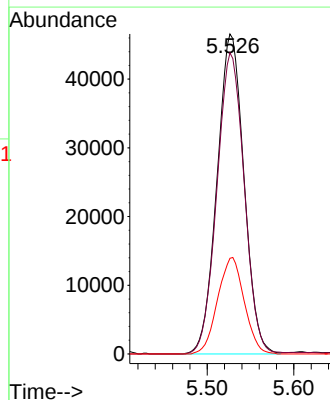
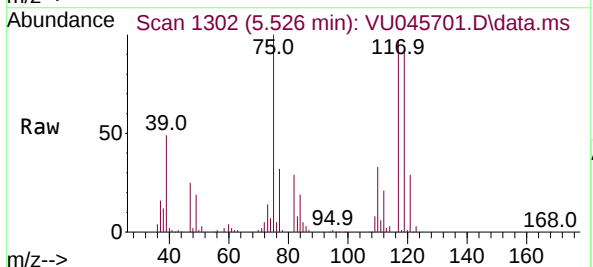
Instrument :  
MSVOA\_U  
ClientSampleId :

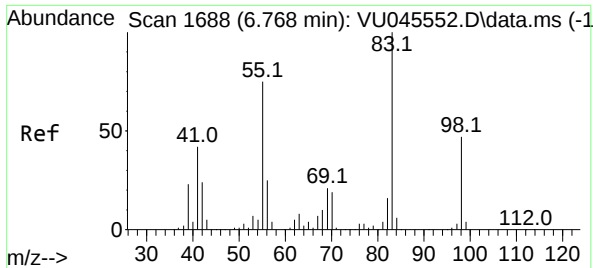
Tgt Ion: 43 Resp: 122010  
Ion Ratio Lower Upper  
43 100  
61 15.2 11.6 17.4  
70 11.4 9.1 13.7



#38  
Carbon Tetrachloride  
Concen: 48.068 ug/l  
RT: 5.526 min Scan# 1302  
Delta R.T. -0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 117 Resp: 100545  
Ion Ratio Lower Upper  
117 100  
119 94.1 77.4 116.0  
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 46.073 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

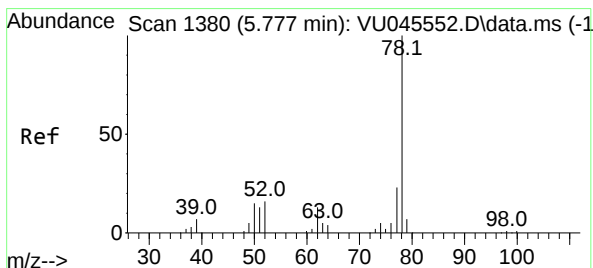
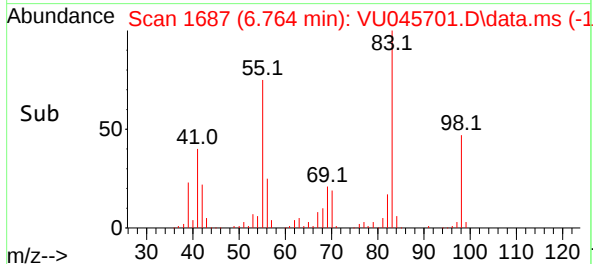
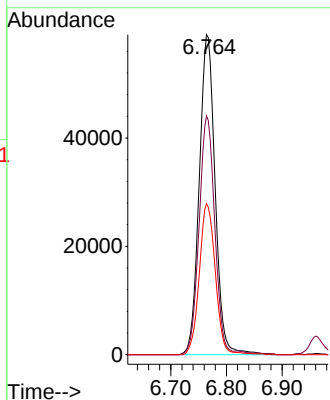
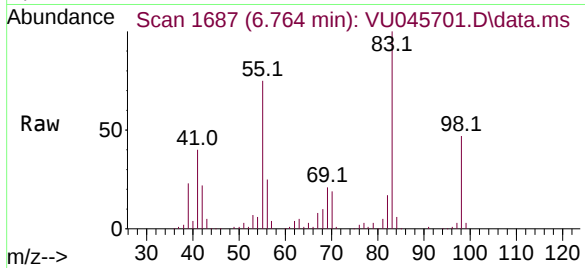
Tgt Ion: 83 Resp: 117274

Ion Ratio Lower Upper

83 100

55 74.7 63.6 95.4

98 47.2 37.1 55.7



#40

Benzene

Concen: 47.393 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045701.D

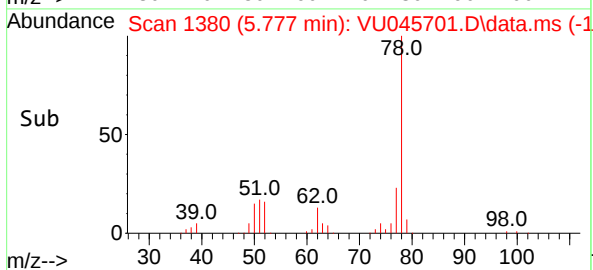
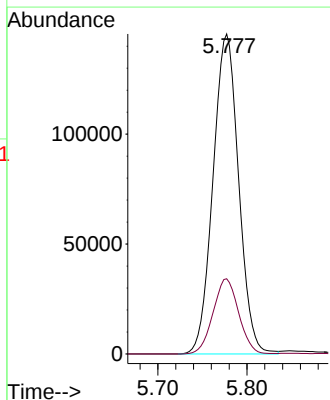
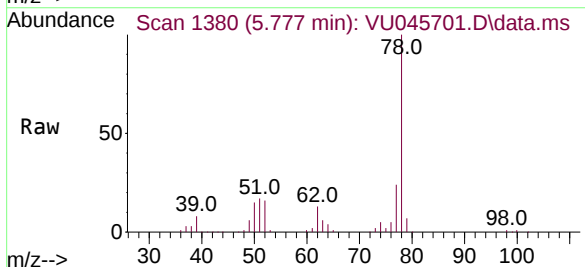
Acq: 10 Nov 2021 20:22

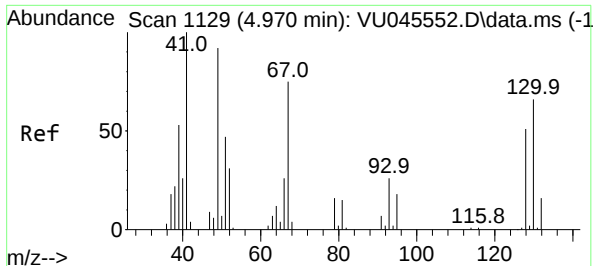
Tgt Ion: 78 Resp: 291122

Ion Ratio Lower Upper

78 100

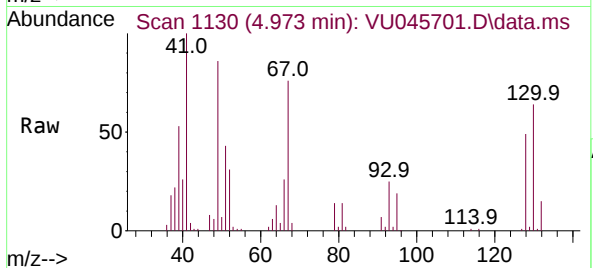
77 23.5 19.0 28.4



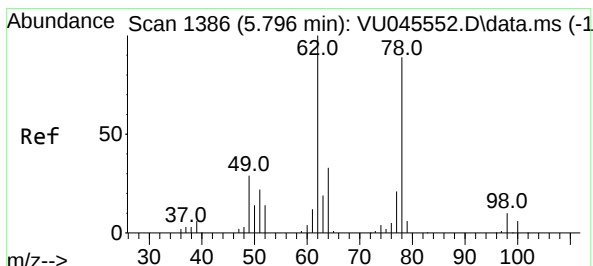
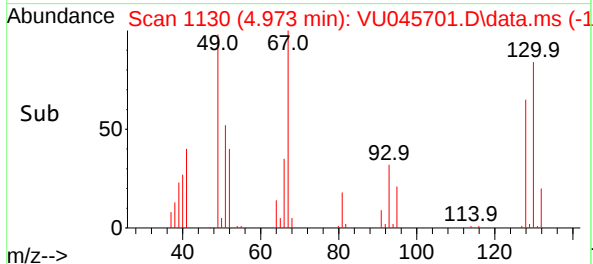
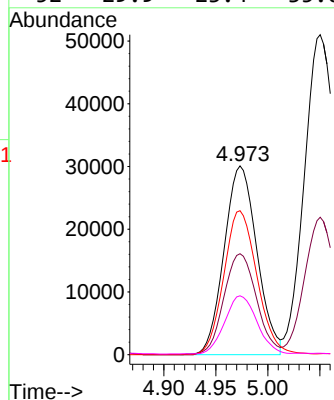


#41  
Methacrylonitrile  
Concen: 52.514 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

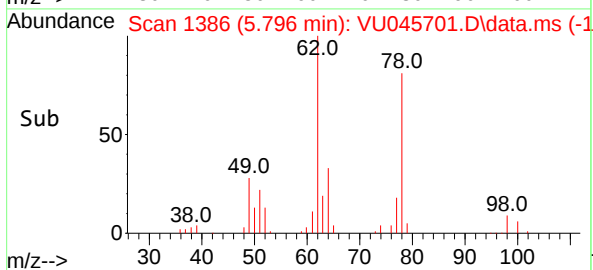
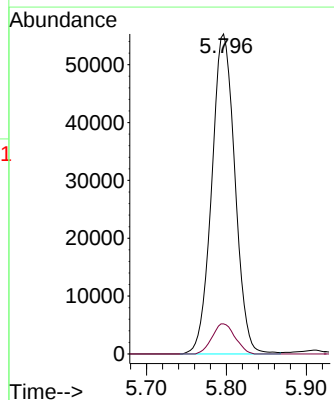
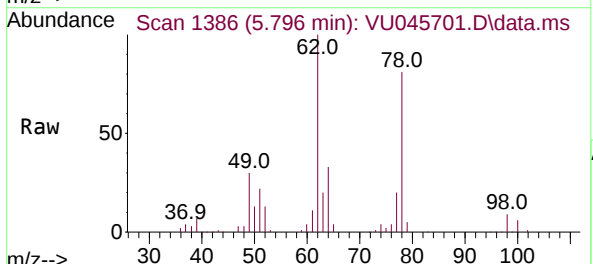


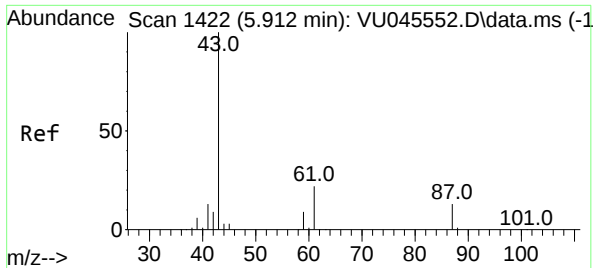
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 66142 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 53.2     | 43.4 65.0   |
| 67 77.3     | 61.0 91.4   |
| 52 29.9     | 23.4 35.0   |



#42  
1,2-Dichloroethane  
Concen: 50.223 ug/l  
RT: 5.796 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 111435 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.3      | 0.0 18.4     |

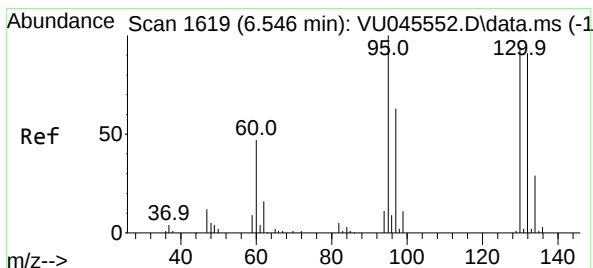
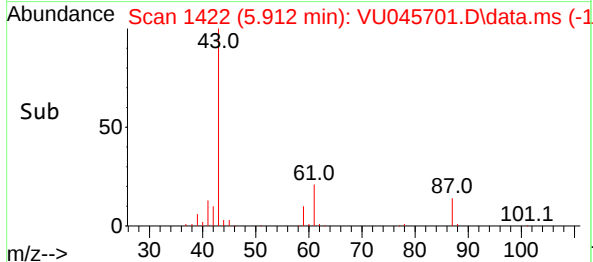
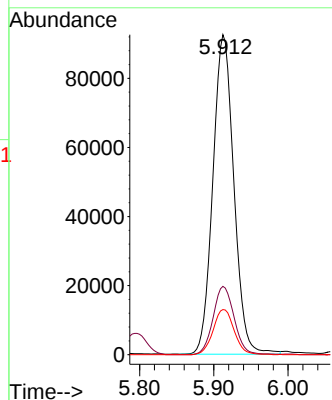
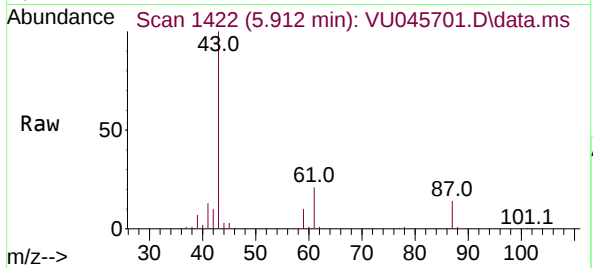




#43  
Isopropyl Acetate  
Concen: 49.867 ug/l  
RT: 5.912 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

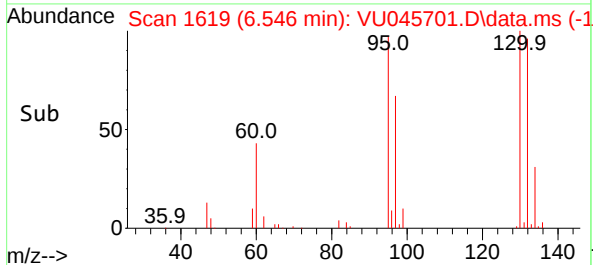
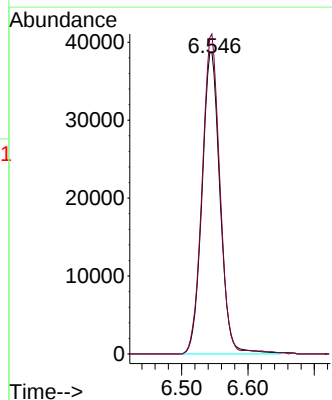
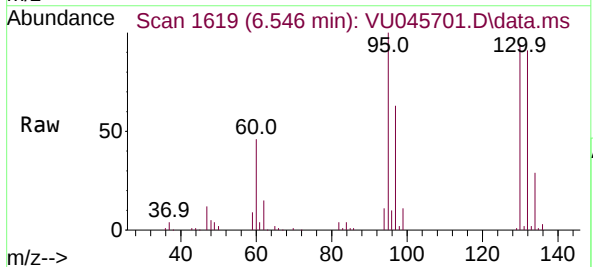
Instrument :  
MSVOA\_U  
ClientSampleId :

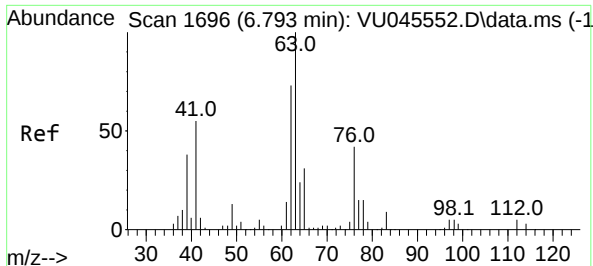
Tgt Ion: 43 Resp: 181786  
Ion Ratio Lower Upper  
43 100  
61 21.5 16.9 25.3  
87 14.2 11.0 16.4



#44  
Trichloroethene  
Concen: 49.684 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:130 Resp: 73054  
Ion Ratio Lower Upper  
130 100  
95 105.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 50.428 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

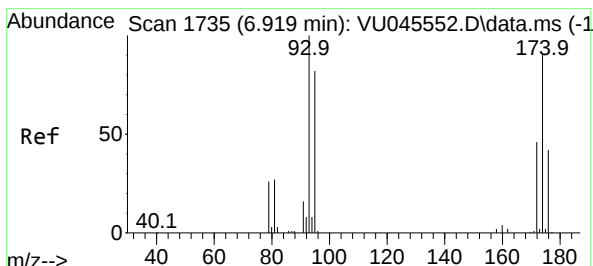
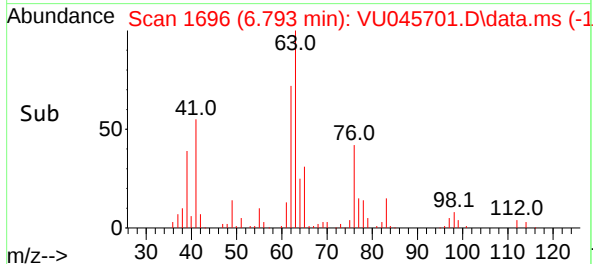
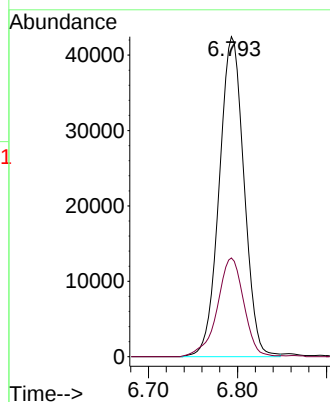
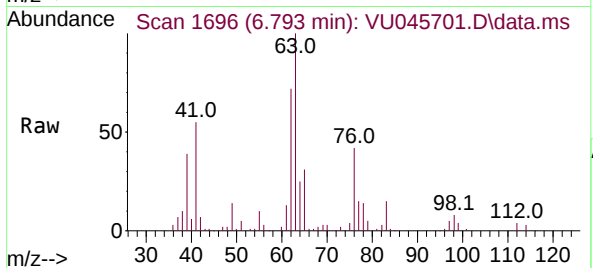
ClientSampleId :

Tgt Ion: 63 Resp: 81964

Ion Ratio Lower Upper

63 100

65 30.8 25.7 38.5



#46

Dibromomethane

Concen: 48.644 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

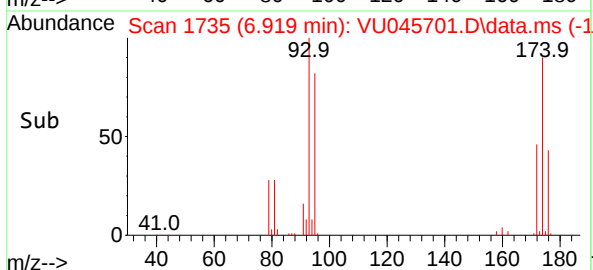
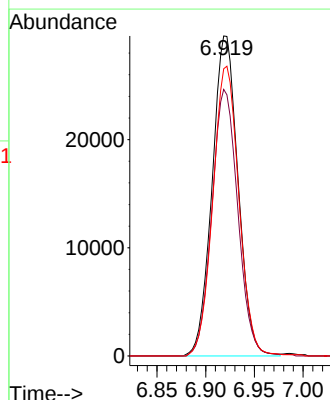
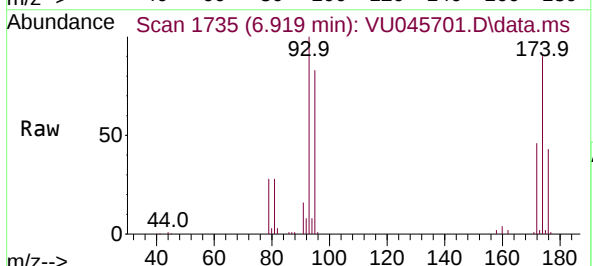
Tgt Ion: 93 Resp: 54783

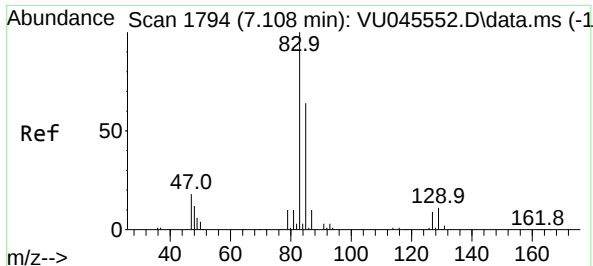
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

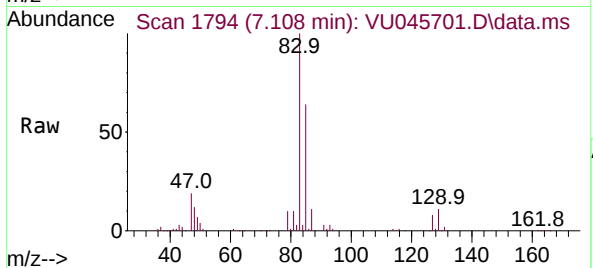
174 91.0 71.0 106.6



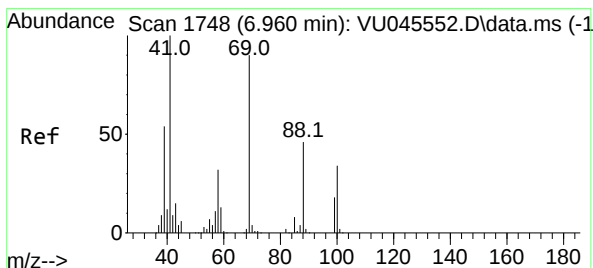
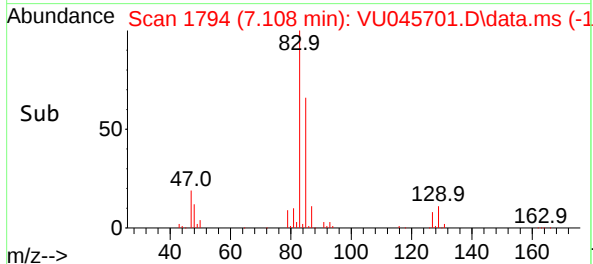
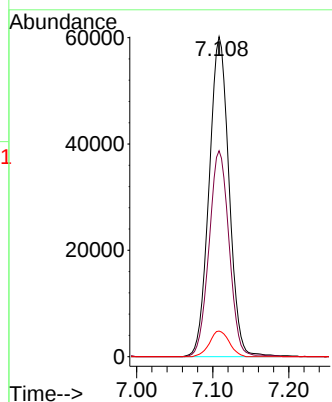


#47  
Bromodichloromethane  
Concen: 51.239 ug/l  
RT: 7.108 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

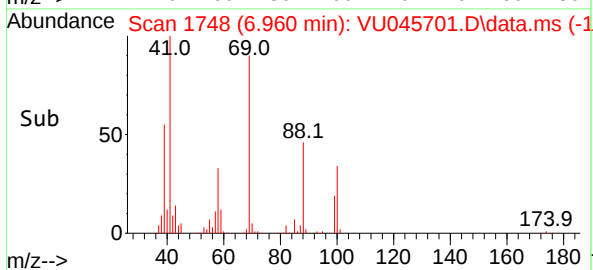
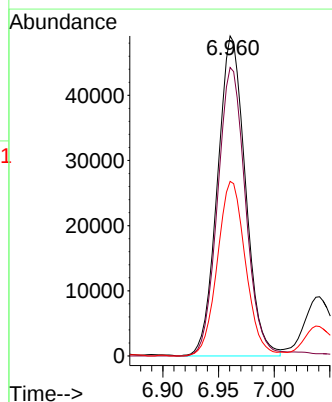
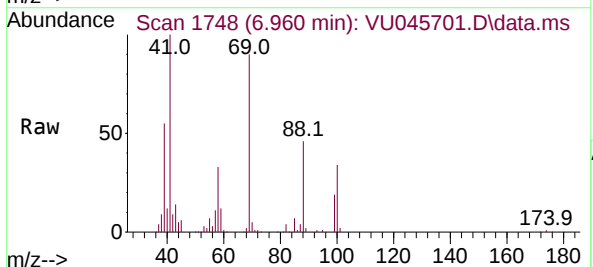


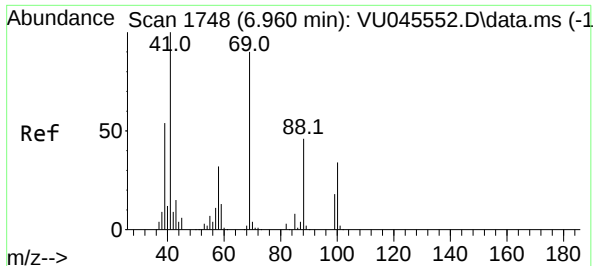
Tgt Ion: 83 Resp: 109492  
Ion Ratio Lower Upper  
83 100  
85 64.3 49.8 74.6  
127 8.0 6.2 9.2



#48  
Methyl methacrylate  
Concen: 51.108 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 41 Resp: 85753  
Ion Ratio Lower Upper  
41 100  
69 91.6 70.2 105.2  
39 55.1 43.9 65.9





#49

1,4-Dioxane

Concen: 1015.401 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

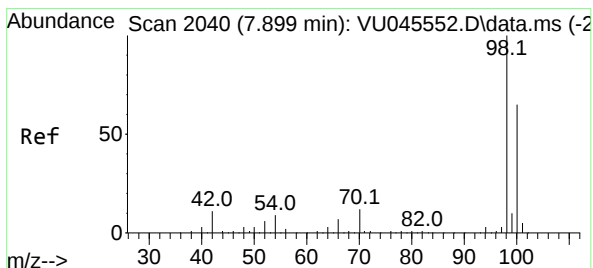
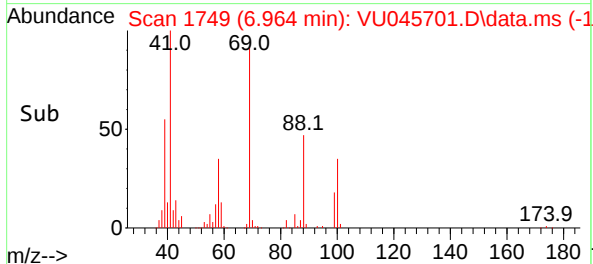
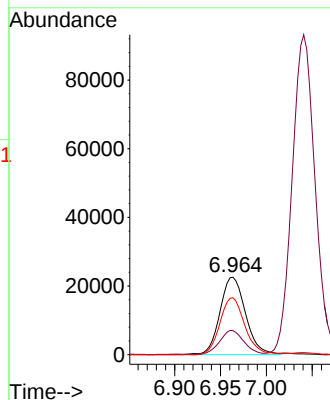
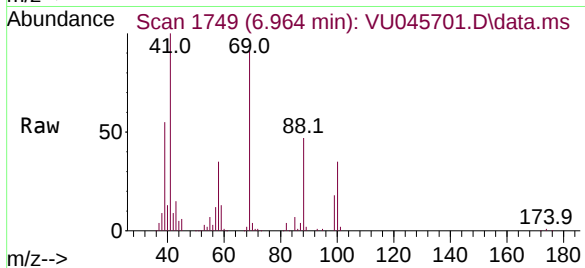
Tgt Ion: 88 Resp: 43814

Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 71.3 58.7 88.1



#50

Toluene-d8

Concen: 50.130 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045701.D

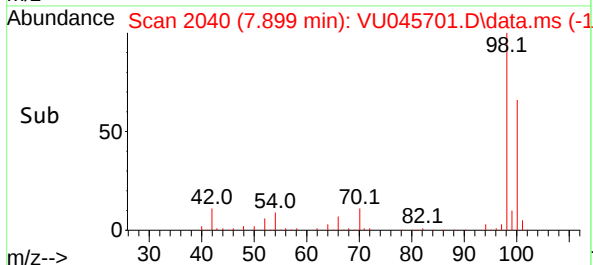
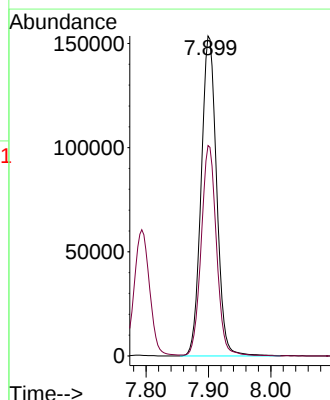
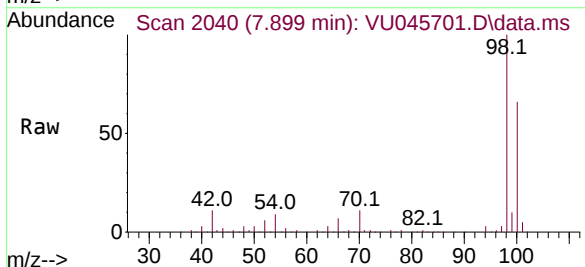
Acq: 10 Nov 2021 20:22

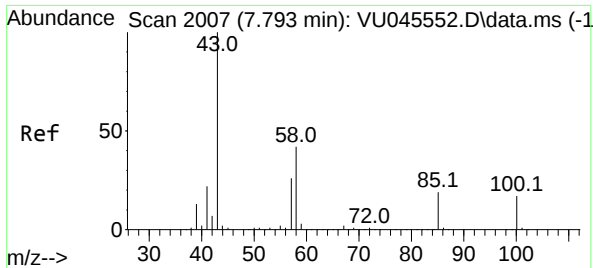
Tgt Ion: 98 Resp: 264817

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 261.034 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

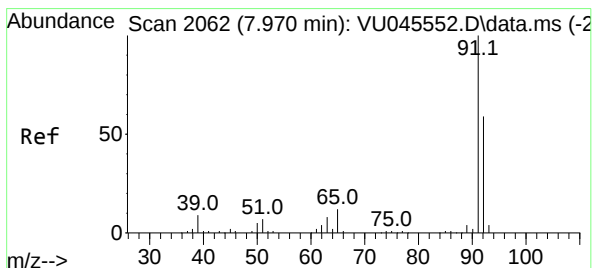
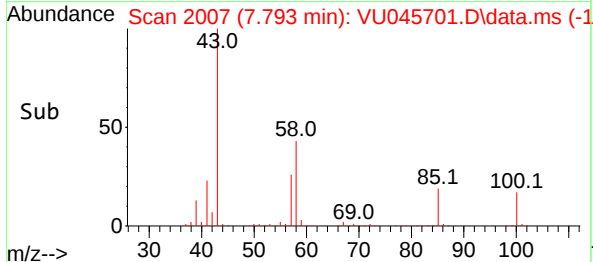
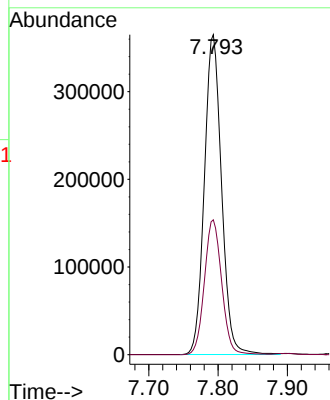
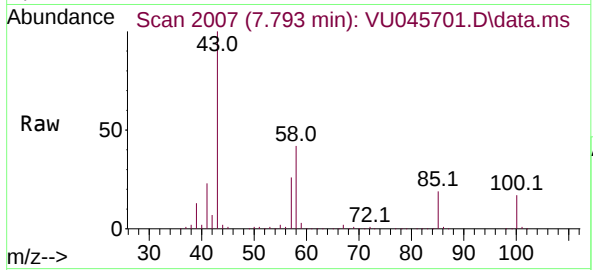
ClientSampleId :

Tgt Ion: 43 Resp: 627719

Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.8



#52

Toluene

Concen: 49.611 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU045701.D

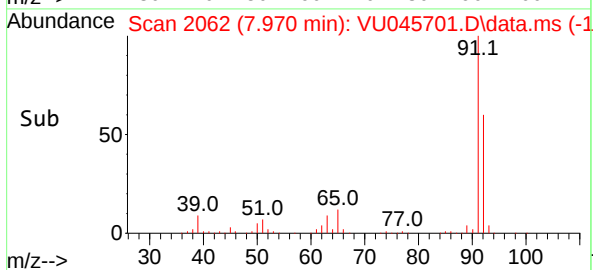
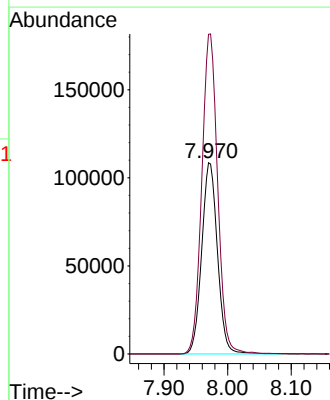
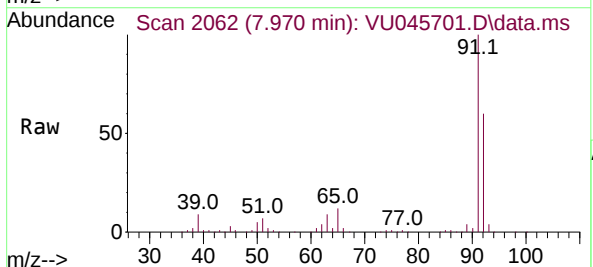
Acq: 10 Nov 2021 20:22

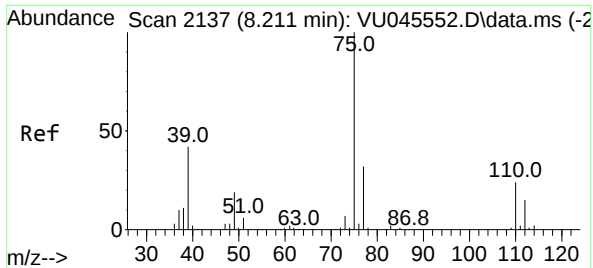
Tgt Ion: 92 Resp: 186573

Ion Ratio Lower Upper

92 100

91 168.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 48.662 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

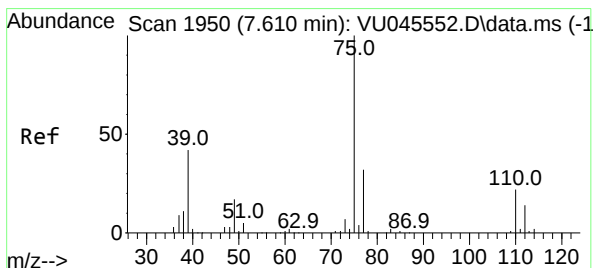
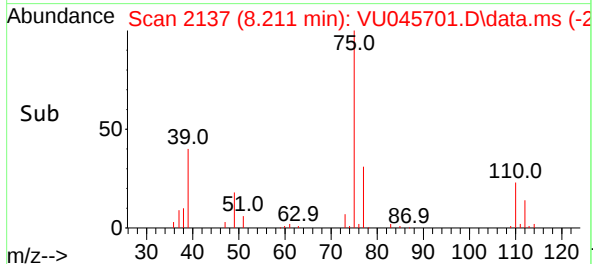
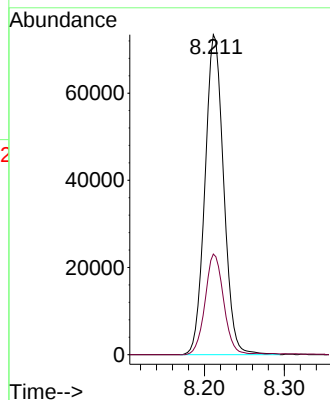
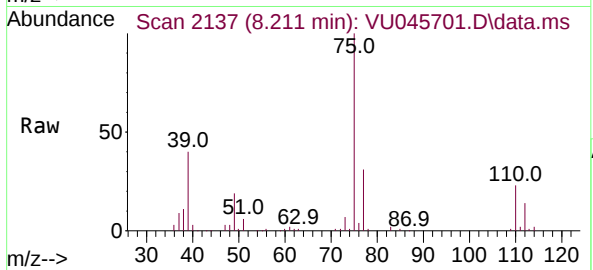
ClientSampleId :

Tgt Ion: 75 Resp: 119507

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 49.501 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

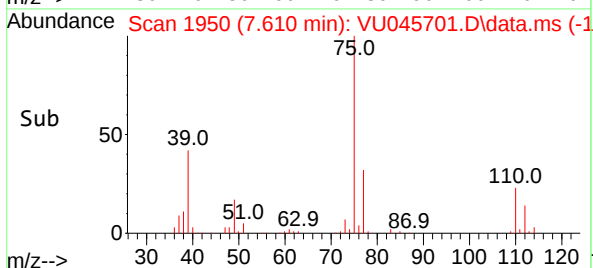
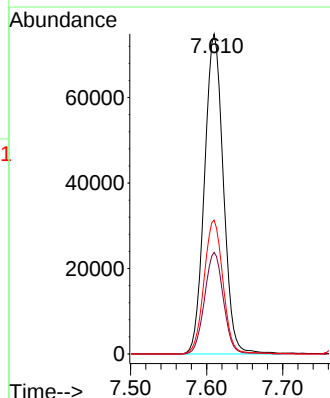
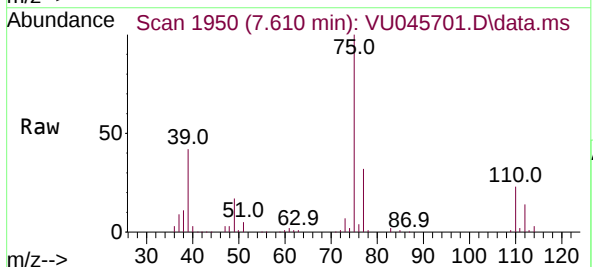
Tgt Ion: 75 Resp: 129124

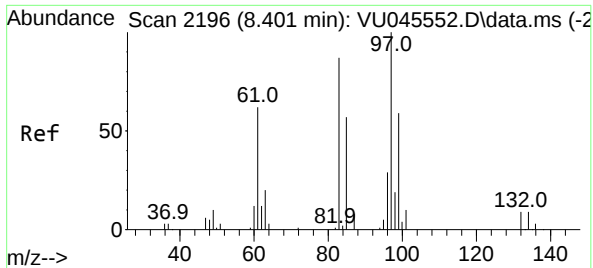
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 41.8 37.1 55.7

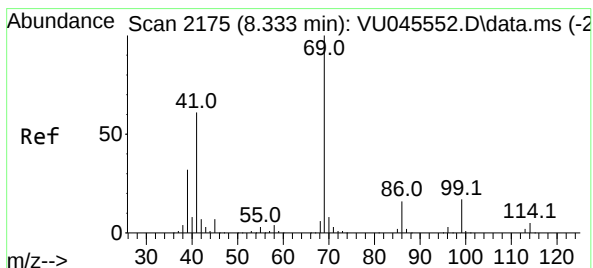
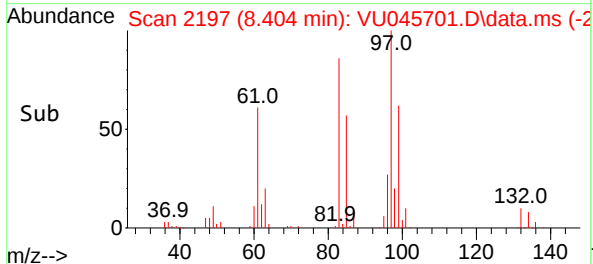
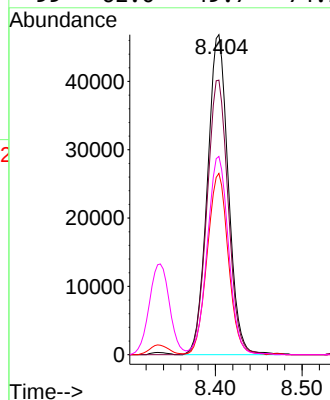
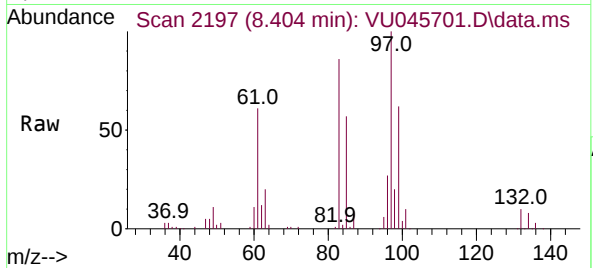




#55  
 1,1,2-Trichloroethane  
 Concen: 50.451 ug/l  
 RT: 8.404 min Scan# 2196  
 Delta R.T. 0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

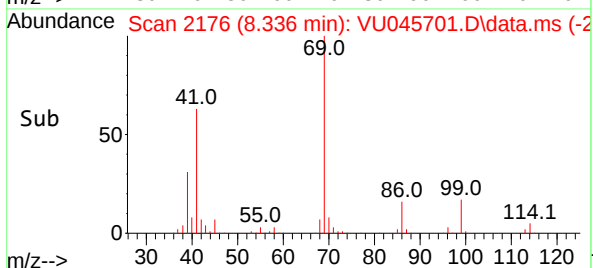
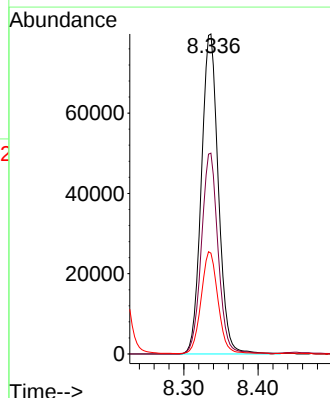
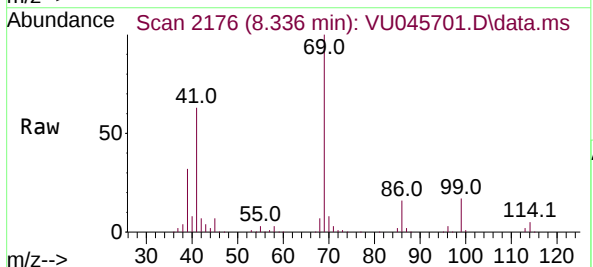
Instrument :  
 MSVOA\_U  
 ClientSampleId :

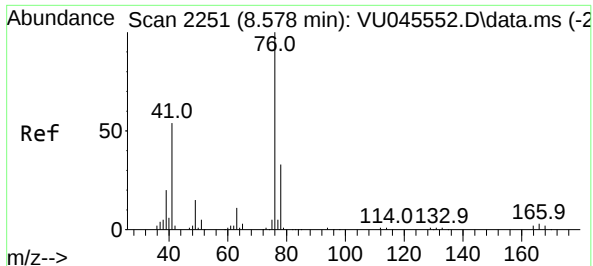
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 78635 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 85.8     | 70.3 105.5  |
| 85 56.4     | 45.5 68.3   |
| 99 62.0     | 49.7 74.5   |



#56  
 Ethyl methacrylate  
 Concen: 45.526 ug/l  
 RT: 8.336 min Scan# 2176  
 Delta R.T. 0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 126637 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 61.9     | 51.0 76.4    |
| 39 31.4     | 26.6 39.8    |





#57

1,3-Dichloropropane

Concen: 49.693 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

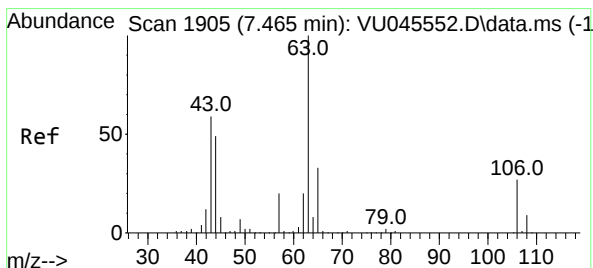
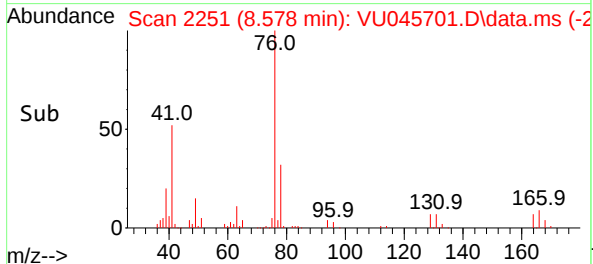
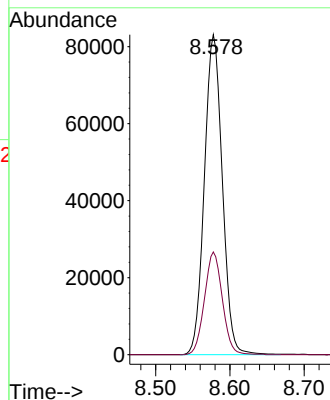
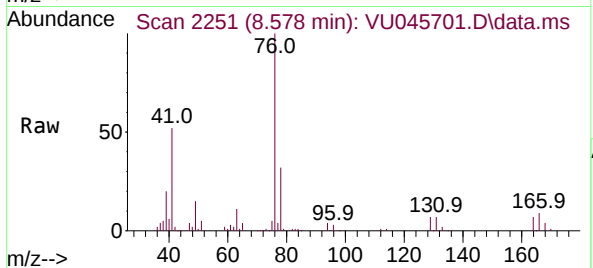
ClientSampleId :

Tgt Ion: 76 Resp: 139502

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 221.866 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045701.D

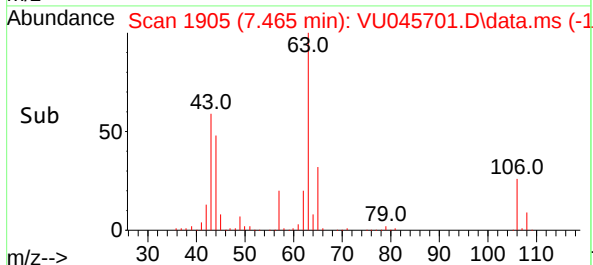
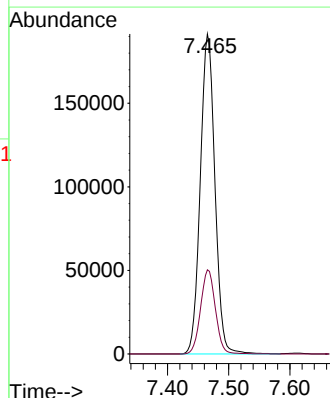
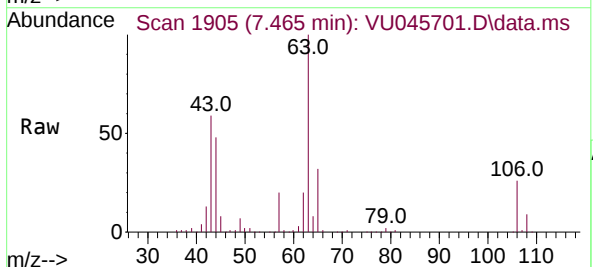
Acq: 10 Nov 2021 20:22

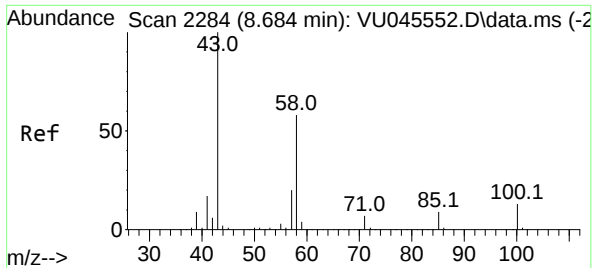
Tgt Ion: 63 Resp: 318362

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

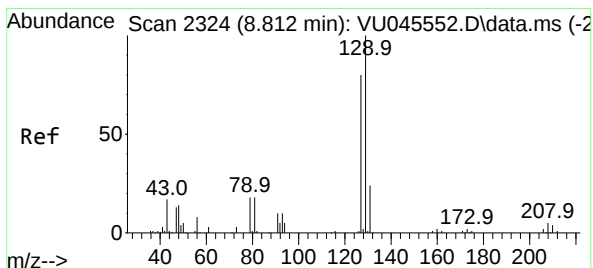
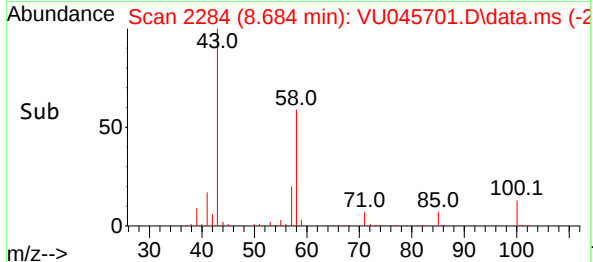
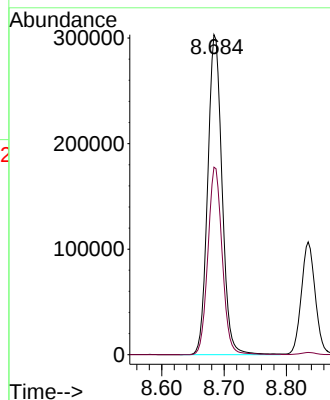
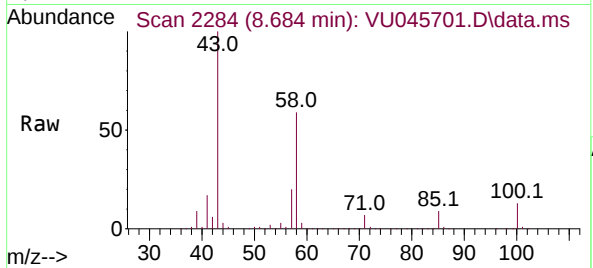




#59  
2-Hexanone  
Concen: 232.315 ug/l  
RT: 8.684 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

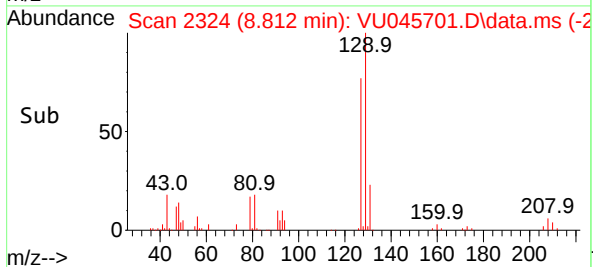
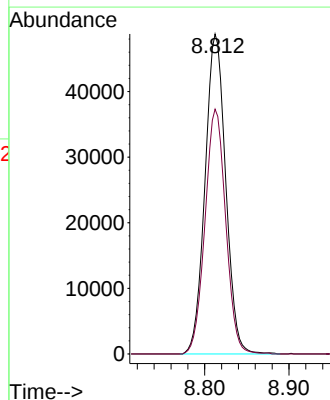
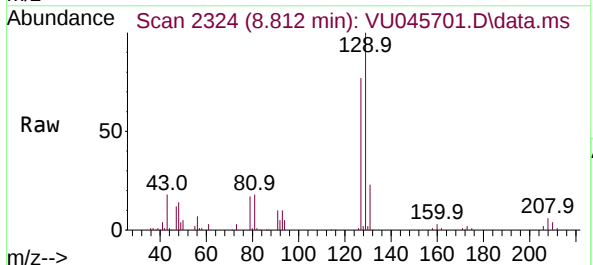
Instrument :  
MSVOA\_U  
ClientSampleId :

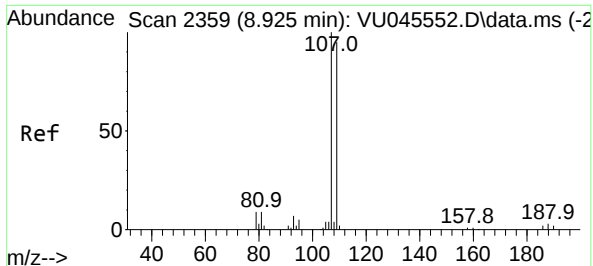
Tgt Ion: 43 Resp: 484956  
Ion Ratio Lower Upper  
43 100  
58 58.5 29.5 88.6



#60  
Dibromochloromethane  
Concen: 51.241 ug/l  
RT: 8.812 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:129 Resp: 83163  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.5 115.3

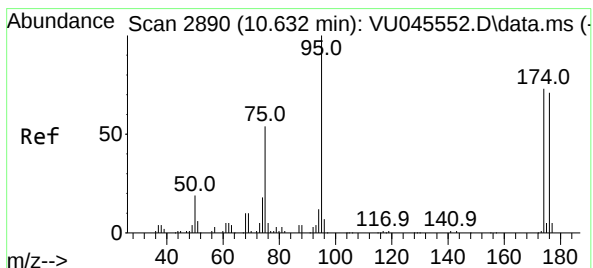
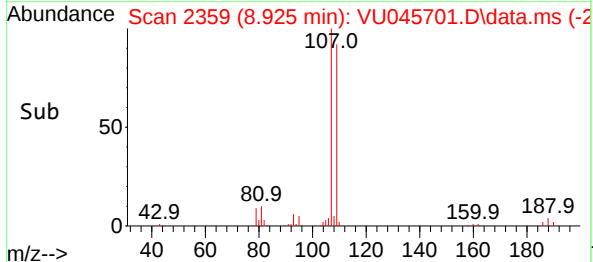
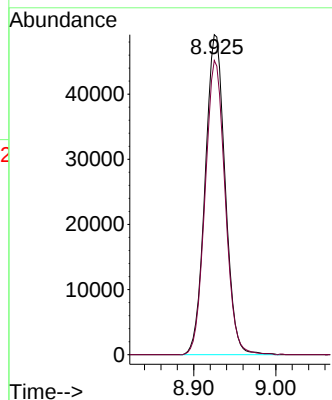
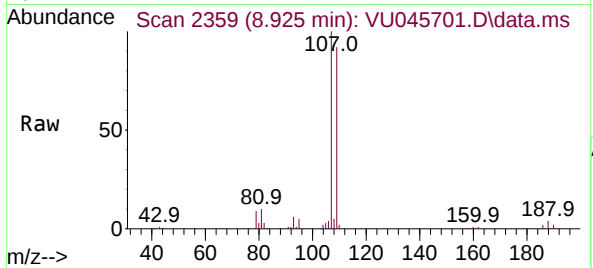




#61  
1,2-Dibromoethane  
Concen: 49.607 ug/l  
RT: 8.925 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

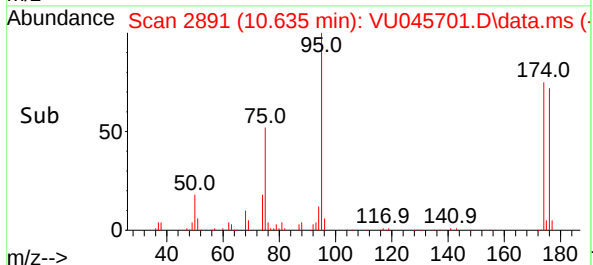
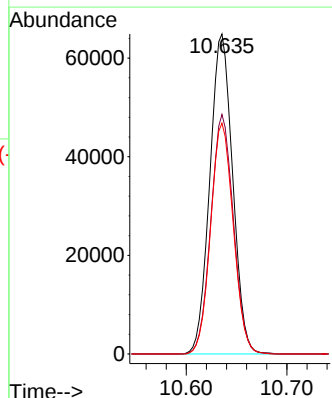
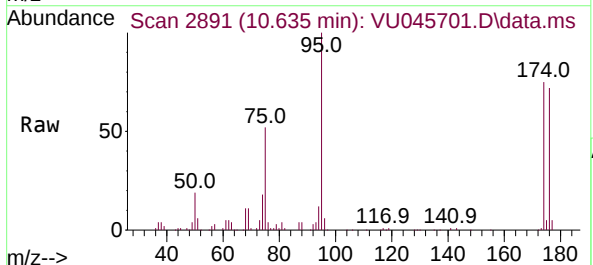
Instrument :  
MSVOA\_U  
ClientSampleId :

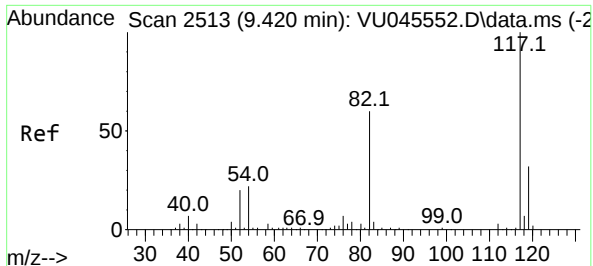
Tgt Ion:107 Resp: 82926  
Ion Ratio Lower Upper  
107 100  
109 92.1 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 48.309 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 95 Resp: 102333  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 141.8  
176 71.5 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

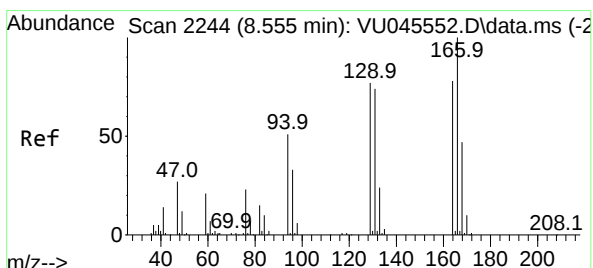
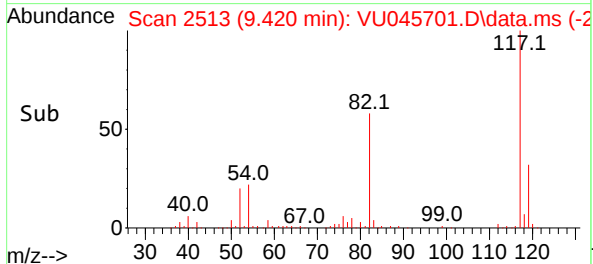
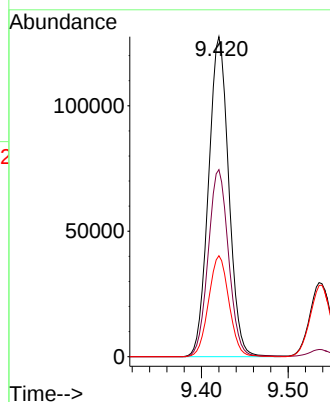
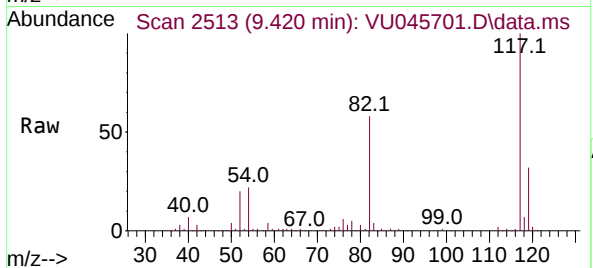
Tgt Ion:117 Resp: 207071

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.8

119 31.6 25.8 38.8



#64

Tetrachloroethene

Concen: 52.009 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Tgt Ion:164 Resp: 61812

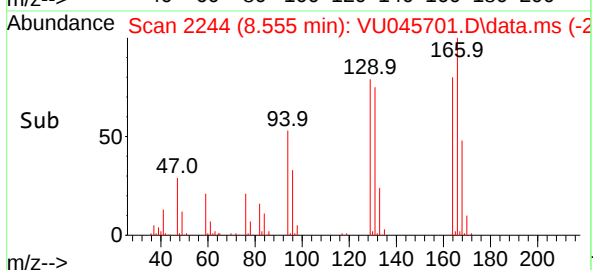
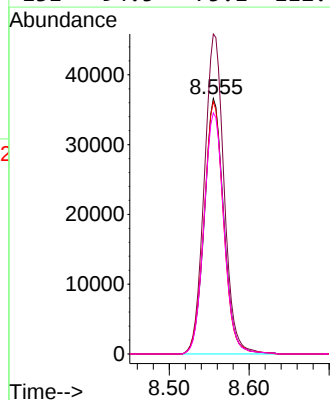
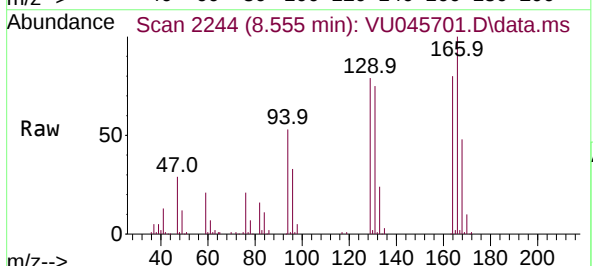
Ion Ratio Lower Upper

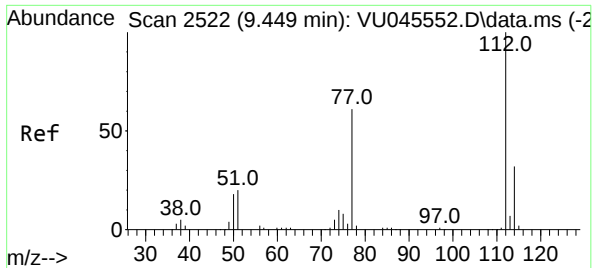
164 100

166 125.3 102.2 153.4

129 98.9 78.2 117.4

131 94.5 75.1 112.7

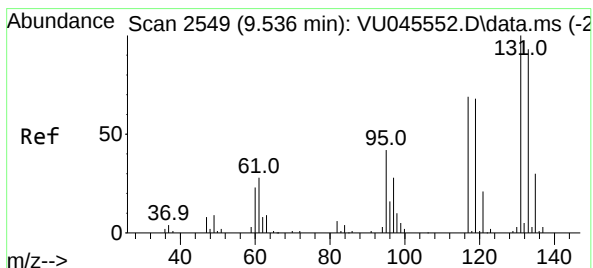
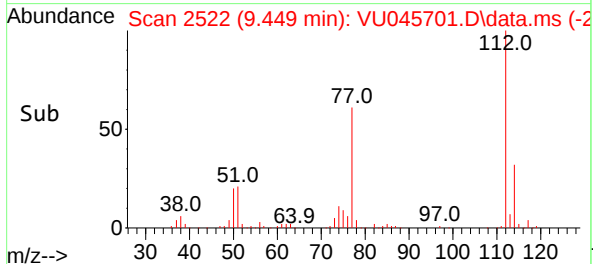
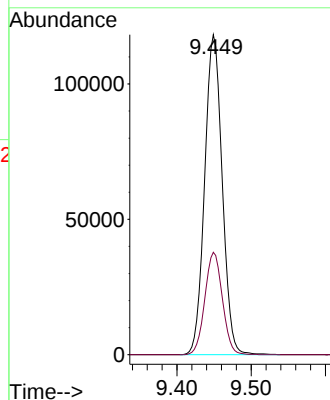
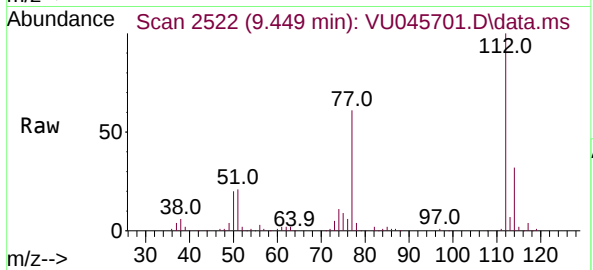




#65  
Chlorobenzene  
Concen: 47.683 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

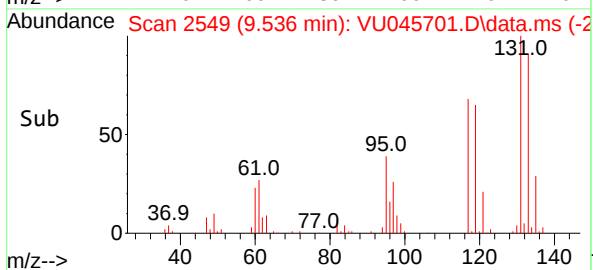
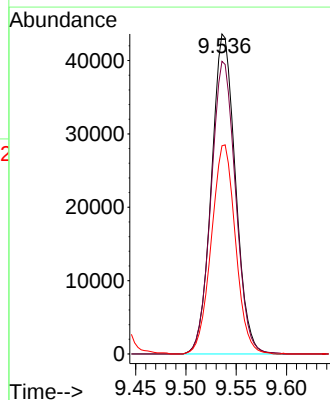
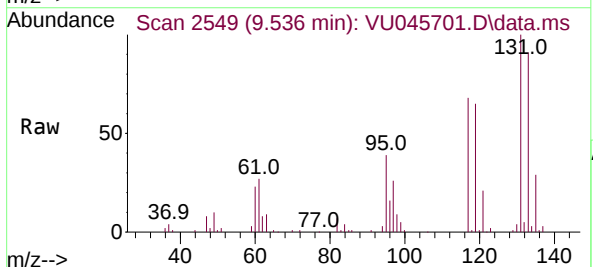
Instrument :  
MSVOA\_U  
ClientSampleId :

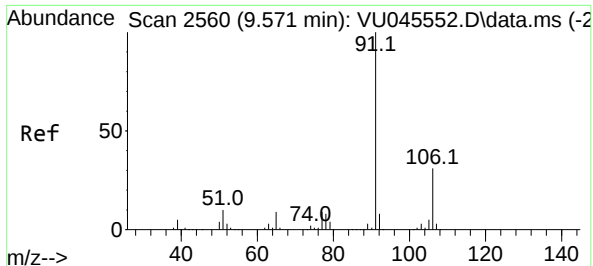
Tgt Ion:112 Resp: 193948  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.817 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:131 Resp: 72267  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.9 143.6  
119 65.8 34.5 103.6





#67

Ethyl Benzene

Concen: 48.812 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

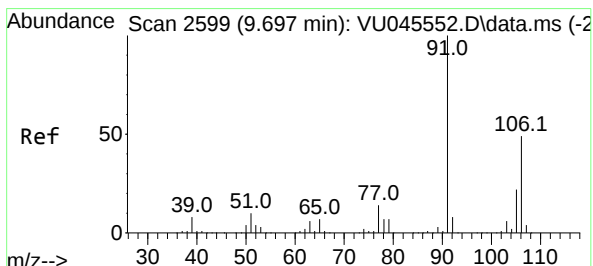
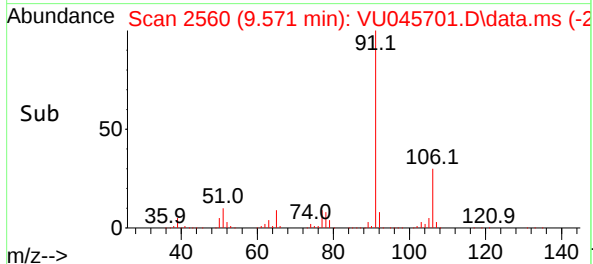
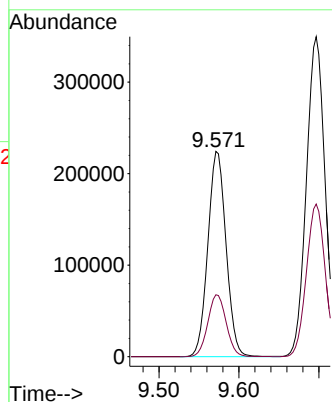
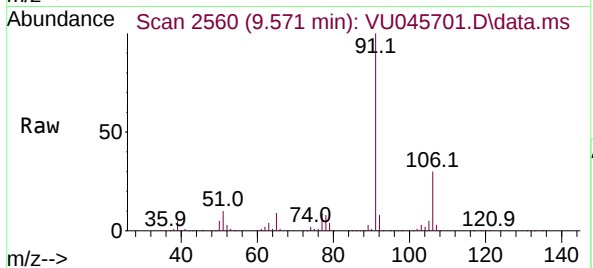
ClientSampleId :

Tgt Ion: 91 Resp: 355542

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 99.544 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045701.D

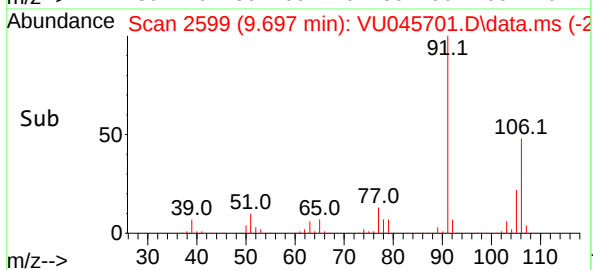
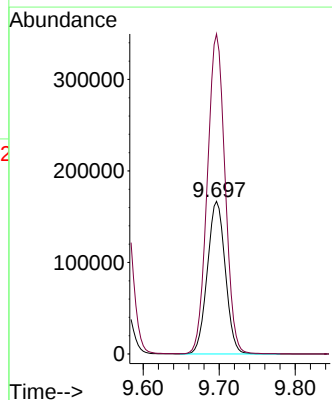
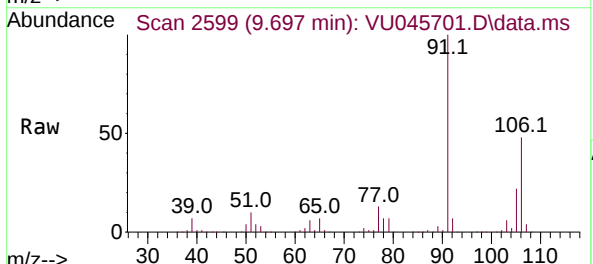
Acq: 10 Nov 2021 20:22

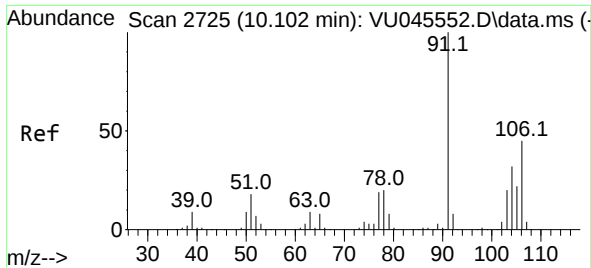
Tgt Ion:106 Resp: 273451

Ion Ratio Lower Upper

106 100

91 207.3 164.7 247.1

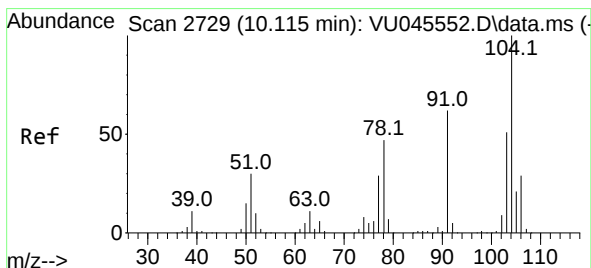
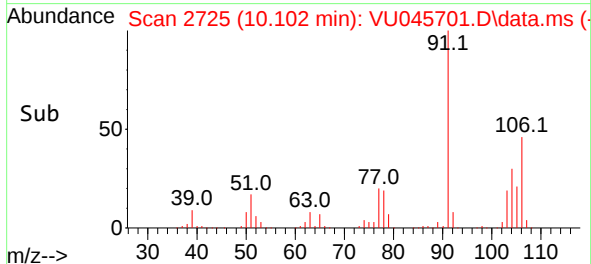
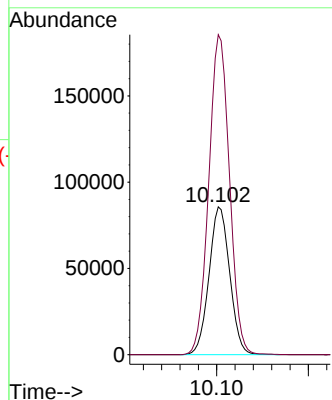
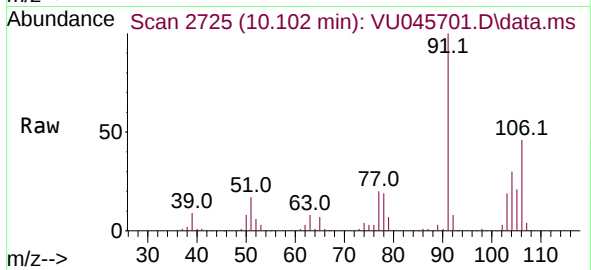




#69  
o-Xylene  
Concen: 50.232 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

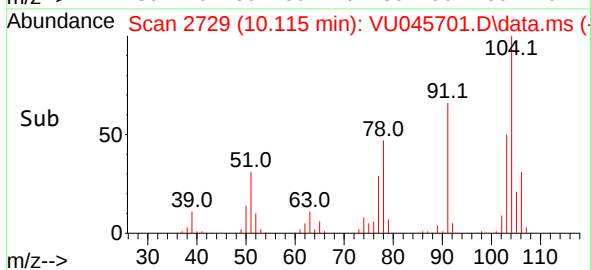
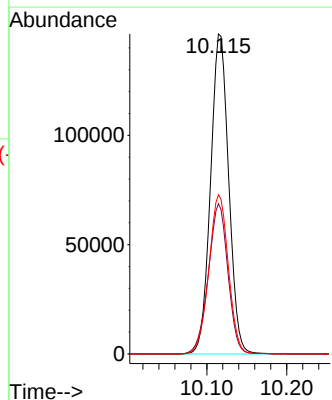
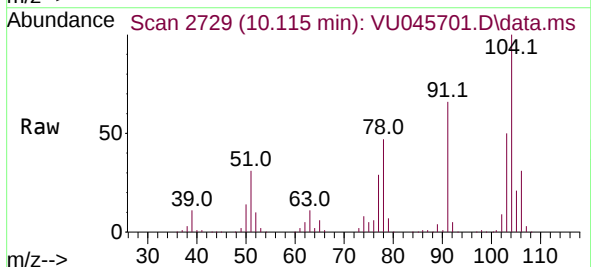
Instrument :  
MSVOA\_U  
ClientSampleId :

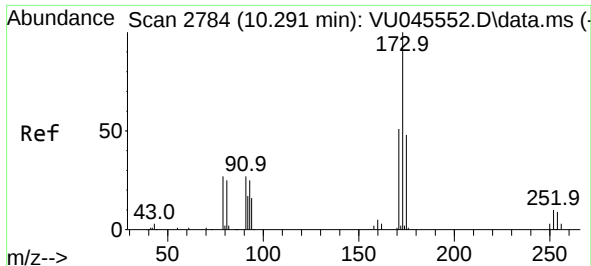
Tgt Ion:106 Resp: 134155  
Ion Ratio Lower Upper  
106 100  
91 217.0 108.7 326.3



#70  
Styrene  
Concen: 51.083 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:104 Resp: 230801  
Ion Ratio Lower Upper  
104 100  
78 50.7 41.8 62.6  
103 53.6 43.8 65.6

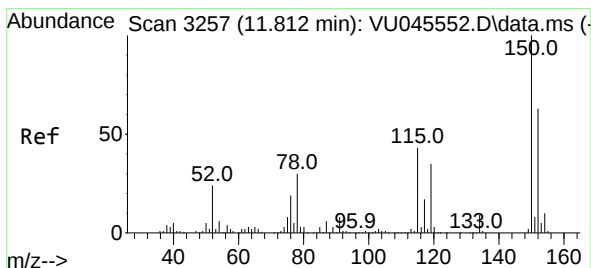
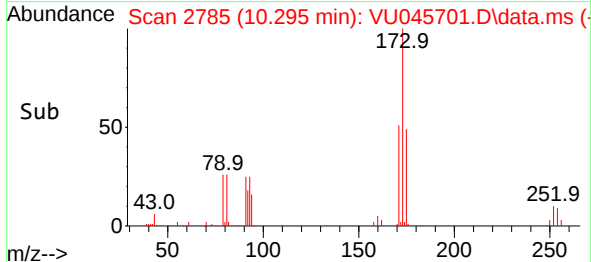
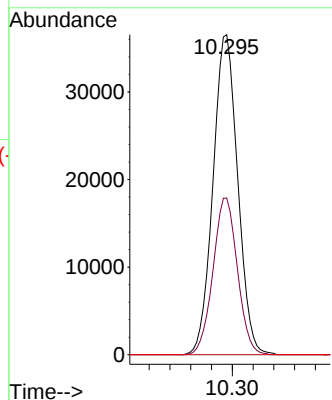
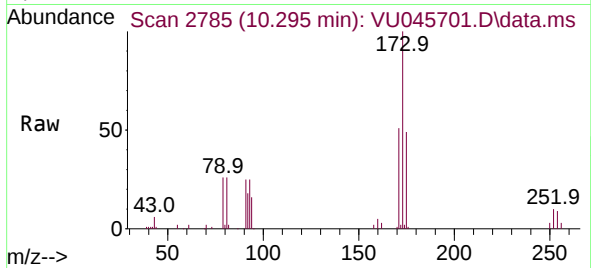




#71  
Bromoform  
Concen: 44.320 ug/l  
RT: 10.295 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

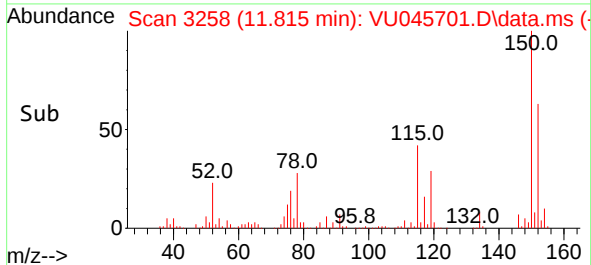
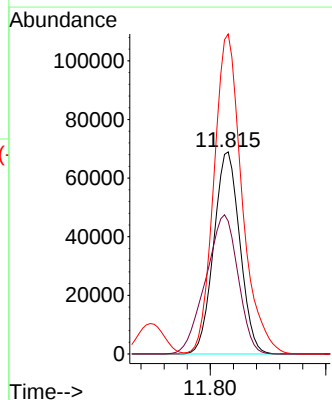
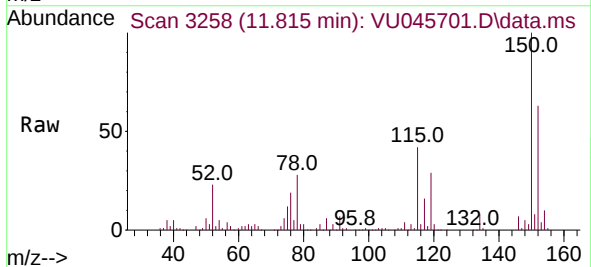
Instrument :  
MSVOA\_U  
ClientSampleId :

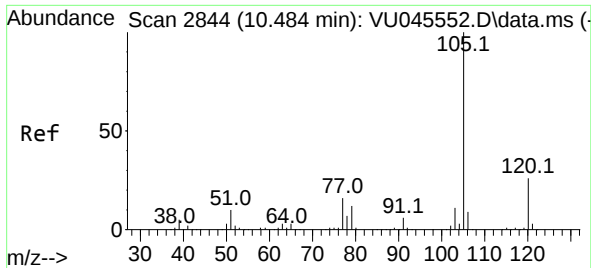
Tgt Ion:173 Resp: 60339  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:152 Resp: 108108  
Ion Ratio Lower Upper  
152 100  
115 85.1 42.7 128.1  
150 170.7 0.0 346.8

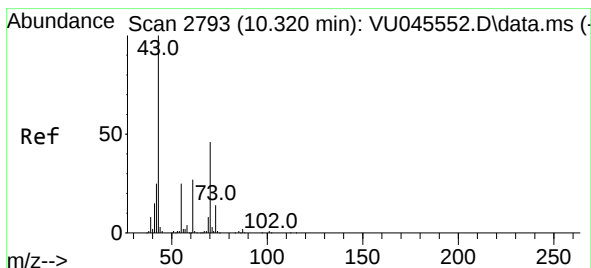
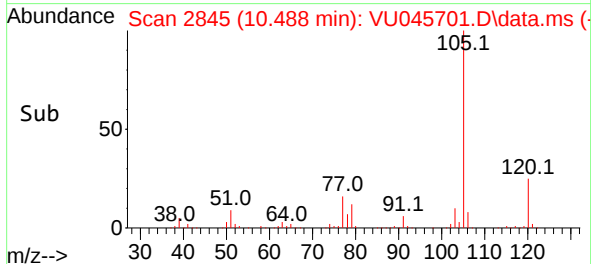
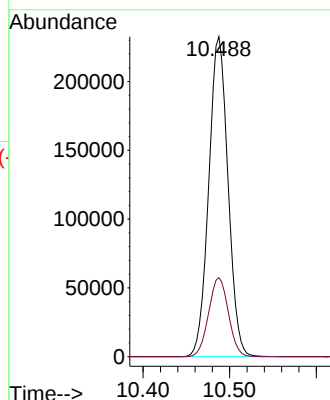
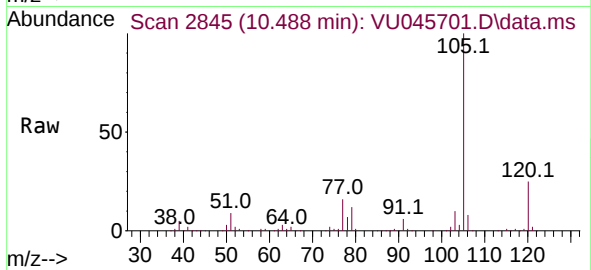




#73  
Isopropylbenzene  
Concen: 50.758 ug/l  
RT: 10.488 min Scan# 2844  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

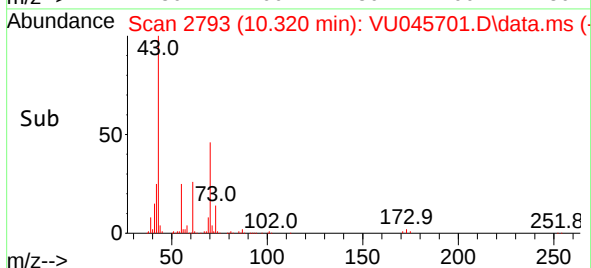
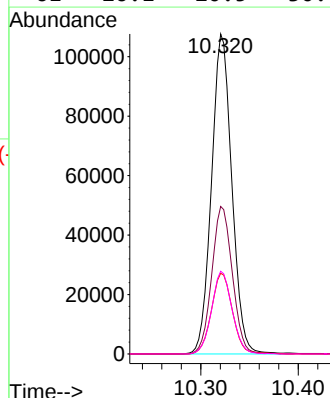
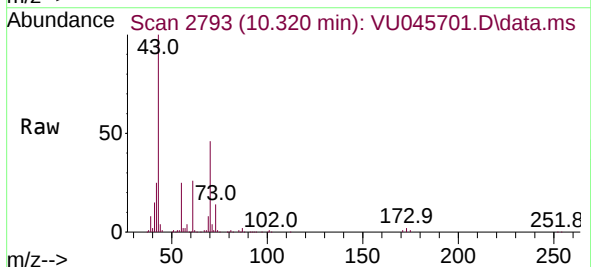
Instrument :  
MSVOA\_U  
ClientSampleId :

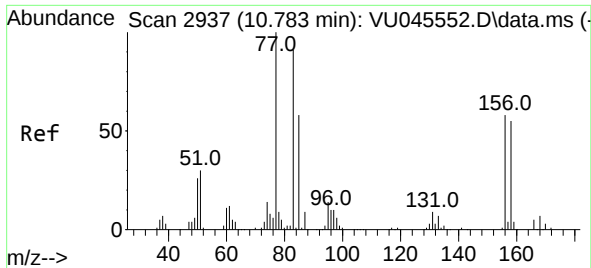
Tgt Ion:105 Resp: 358539  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 48.920 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 43 Resp: 155886  
Ion Ratio Lower Upper  
43 100  
70 46.8 36.9 55.3  
55 26.0 20.6 31.0  
61 26.1 20.5 30.7

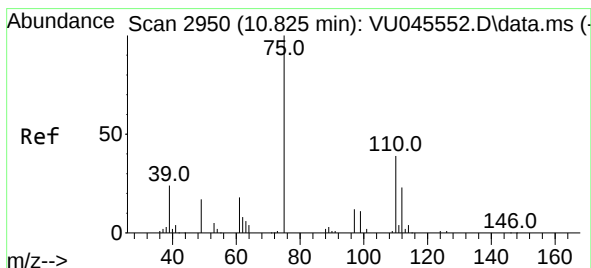
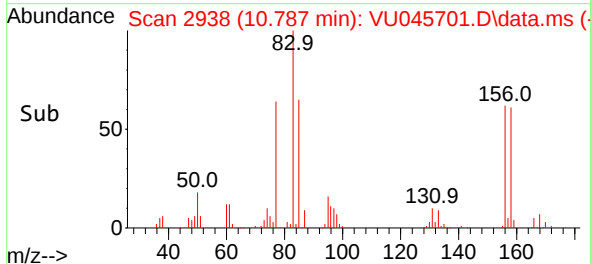
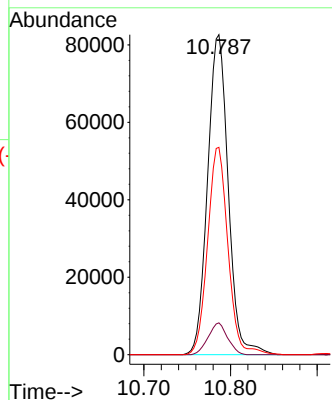
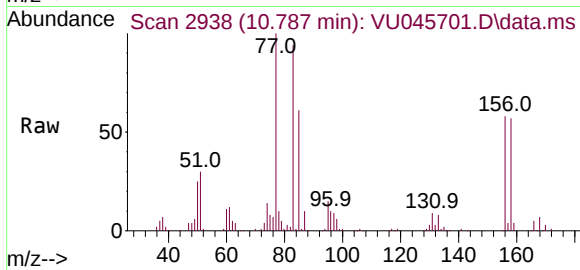




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.872 ug/l  
 RT: 10.787 min Scan# 2937  
 Delta R.T. 0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

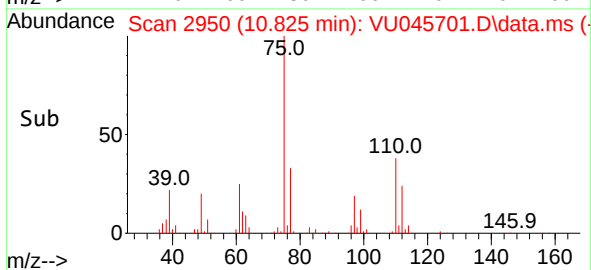
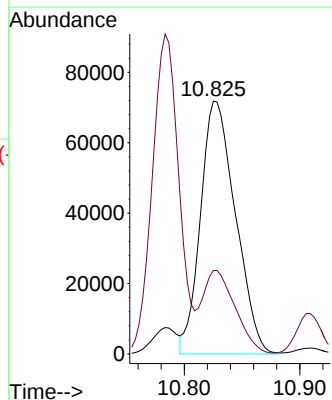
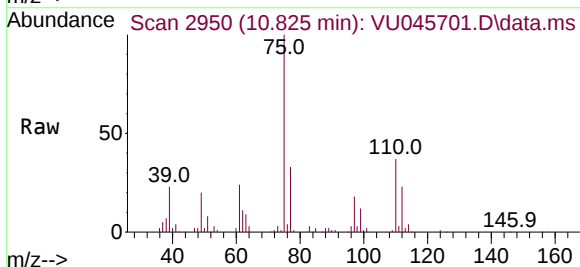
Instrument :  
 MSVOA\_U  
 ClientSampleId :

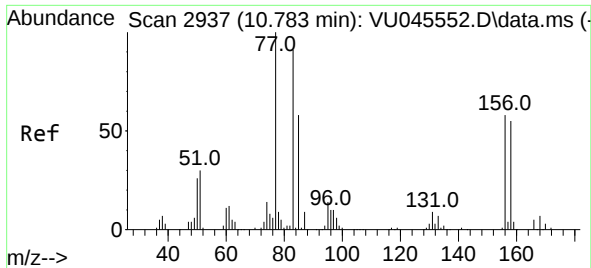
Tgt Ion: 83 Resp: 136775  
 Ion Ratio Lower Upper  
 83 100  
 131 9.3 4.4 13.2  
 85 63.9 31.9 95.9



#76  
 1,2,3-Trichloropropane  
 Concen: 46.088 ug/l  
 RT: 10.825 min Scan# 2950  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

Tgt Ion: 75 Resp: 151096  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 17.1 51.3

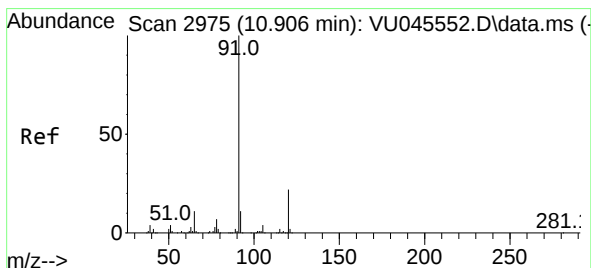
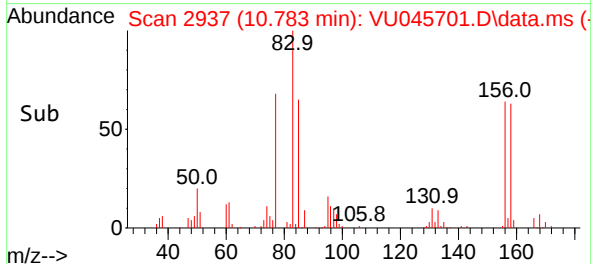
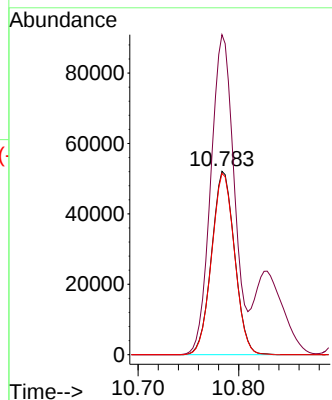
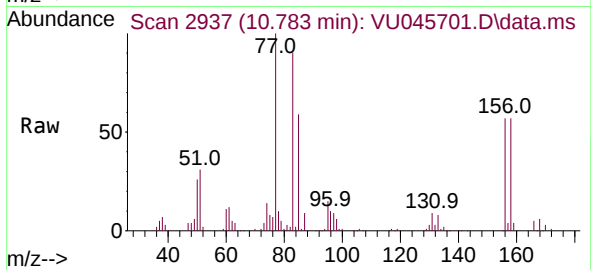




#77  
Bromobenzene  
Concen: 48.380 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

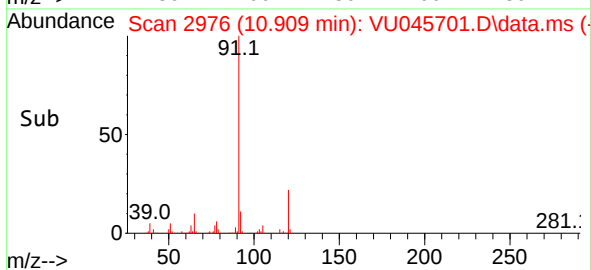
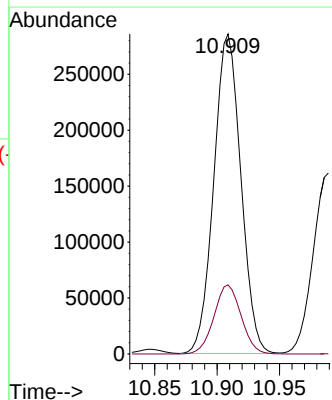
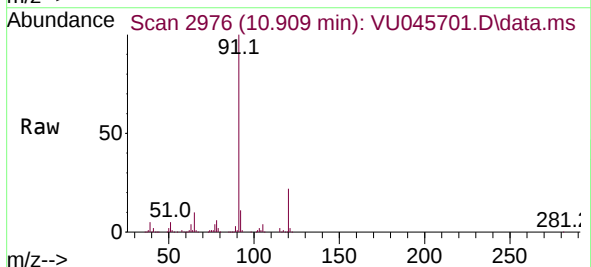
Instrument :  
MSVOA\_U  
ClientSampleId :

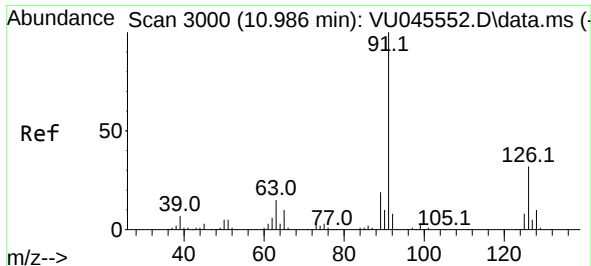
Tgt Ion:156 Resp: 82972  
Ion Ratio Lower Upper  
156 100  
77 176.4 91.1 273.4  
158 98.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 48.983 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 91 Resp: 430633  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.7

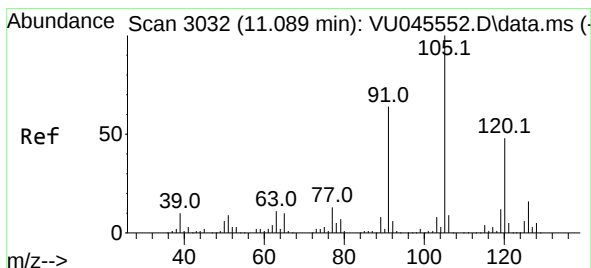
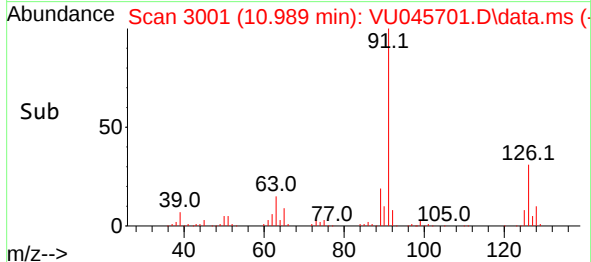
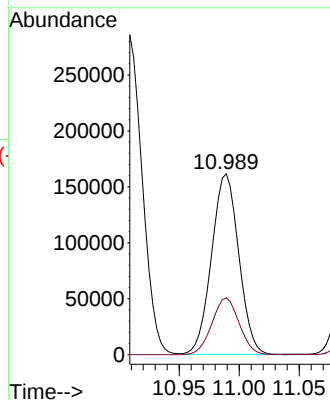
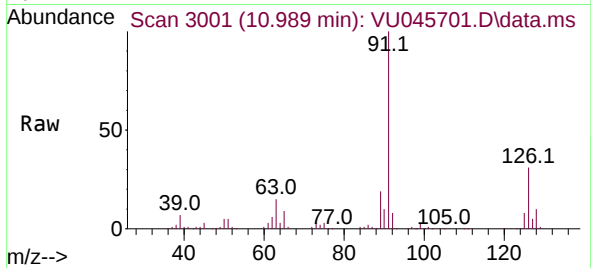




#79  
2-Chlorotoluene  
Concen: 48.867 ug/l  
RT: 10.989 min Scan# 3000  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

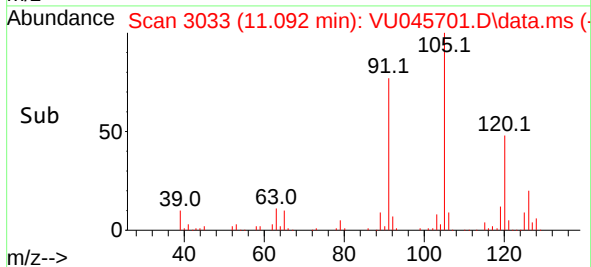
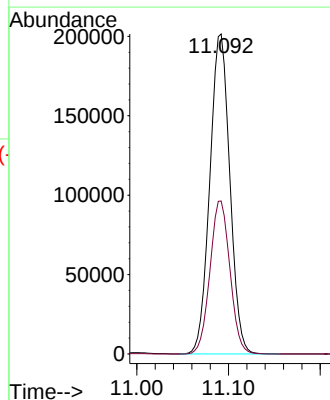
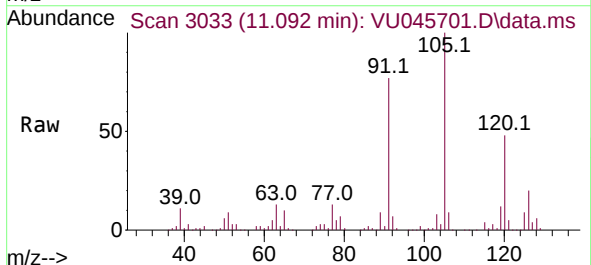
Instrument :  
MSVOA\_U  
ClientSampleId :

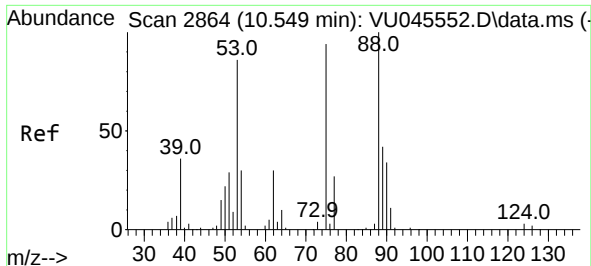
Tgt Ion: 91 Resp: 253820  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.442 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

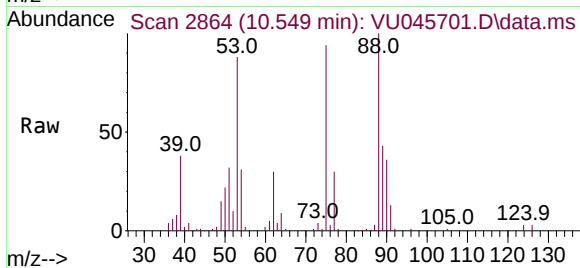
Tgt Ion: 105 Resp: 305134  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.9 71.8



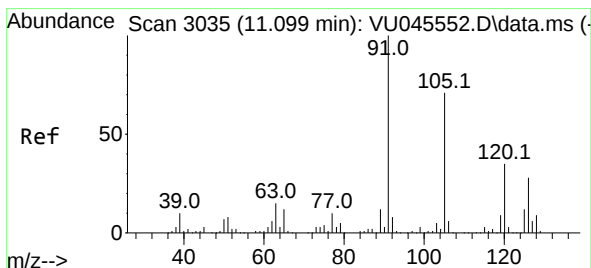
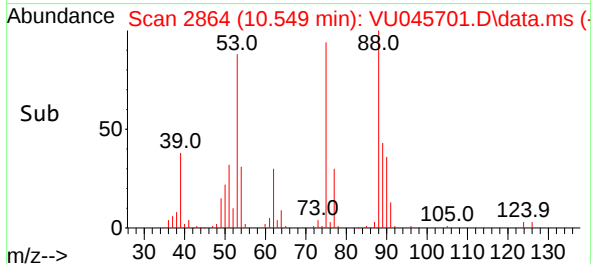
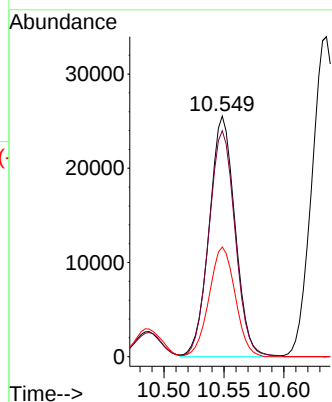


#81  
trans-1,4-Dichloro-2-butene  
Concen: 39.037 ug/l  
RT: 10.549 min Scan# 2864  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :

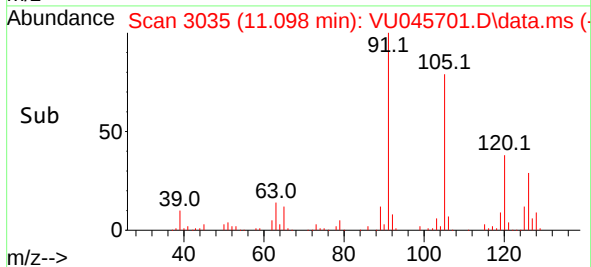
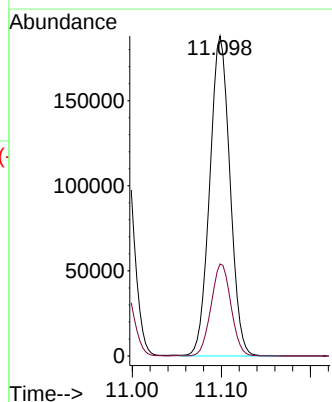
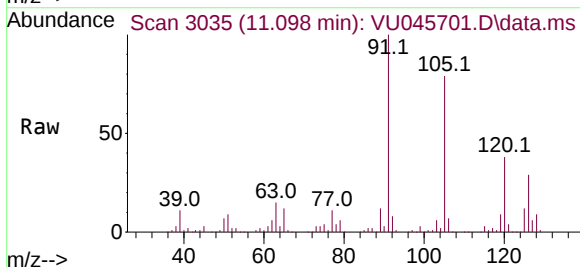


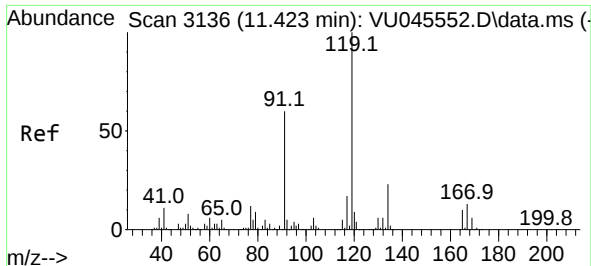
Tgt Ion: 75 Resp: 38369  
Ion Ratio Lower Upper  
75 100  
53 95.1 76.2 114.4  
89 45.9 34.0 51.0



#82  
4-Chlorotoluene  
Concen: 48.608 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. -0.000 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion: 91 Resp: 296088  
Ion Ratio Lower Upper  
91 100  
126 28.2 13.8 41.4

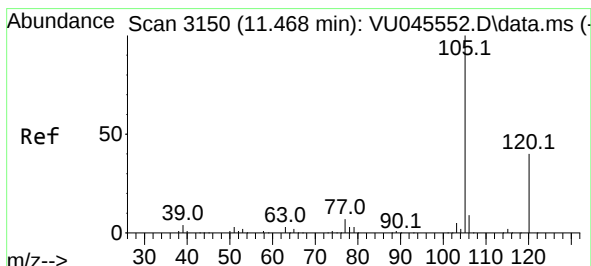
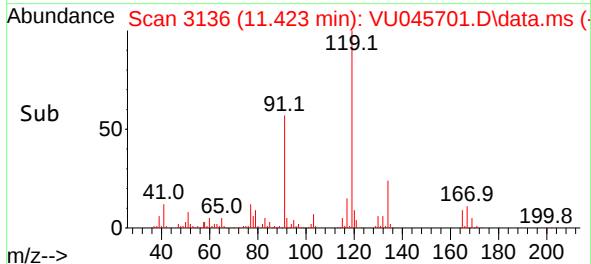
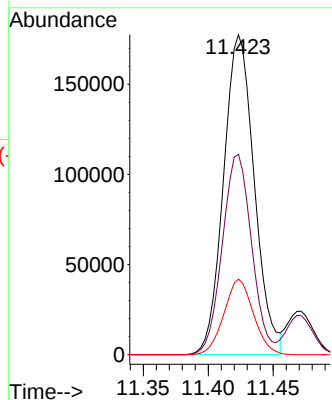
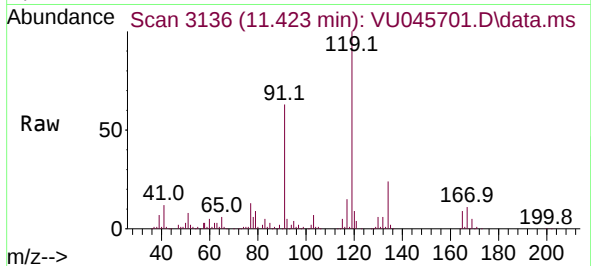




#83  
 tert-Butylbenzene  
 Concen: 49.739 ug/l  
 RT: 11.423 min Scan# 3136  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

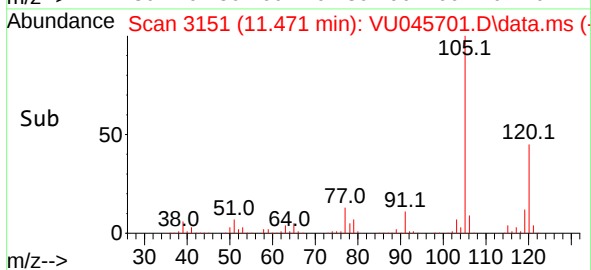
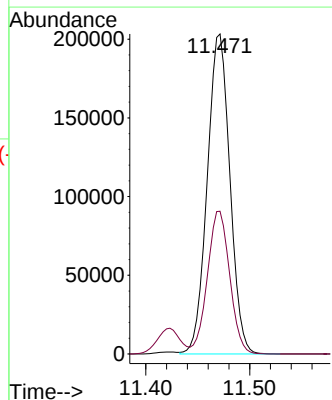
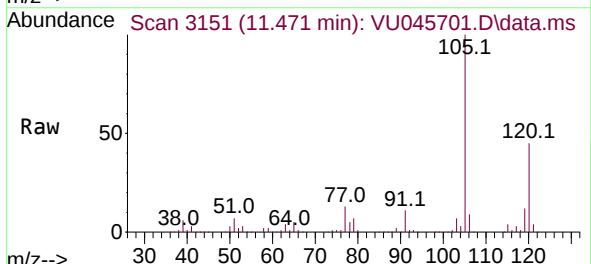
Instrument :  
 MSVOA\_U  
 ClientSampleId :

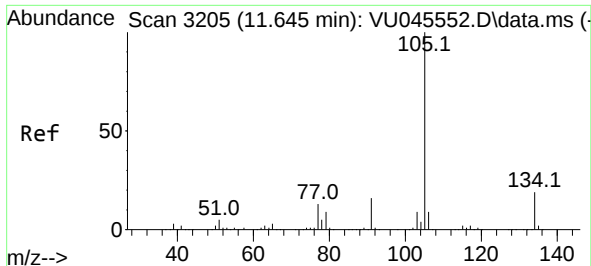
Tgt Ion:119 Resp: 292620  
 Ion Ratio Lower Upper  
 119 100  
 91 60.0 30.5 91.5  
 134 22.6 11.5 34.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.165 ug/l  
 RT: 11.471 min Scan# 3151  
 Delta R.T. 0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

Tgt Ion:105 Resp: 307698  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.2 66.6

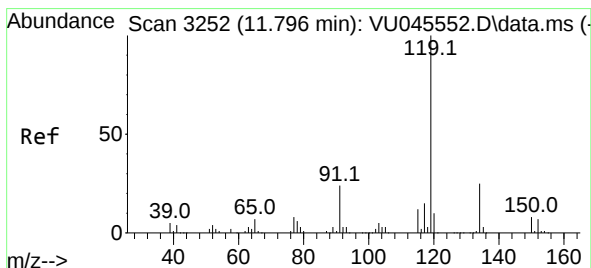
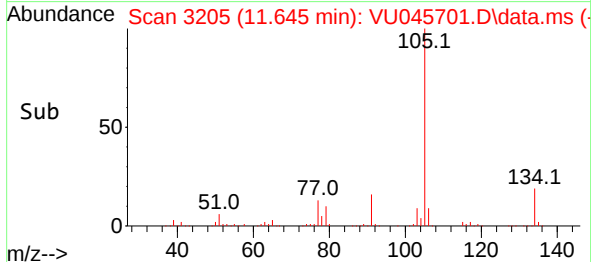
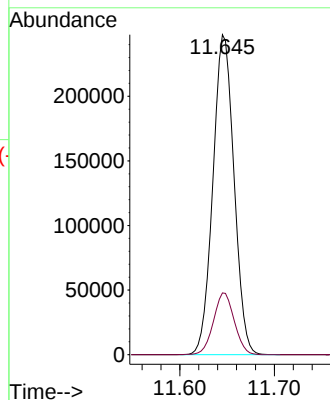
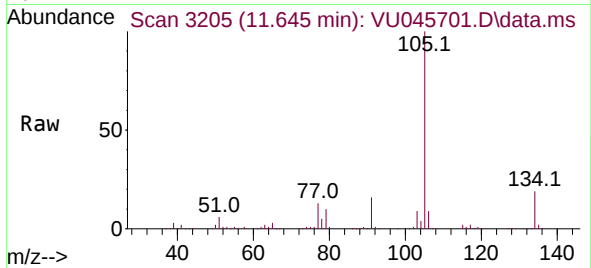




#85  
 sec-Butylbenzene  
 Concen: 49.201 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

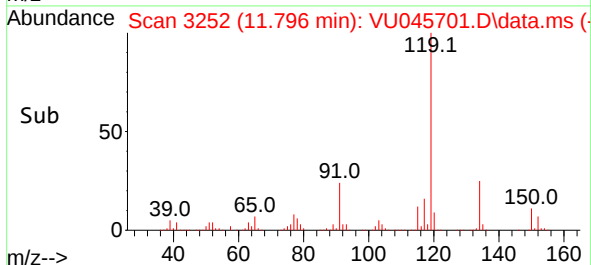
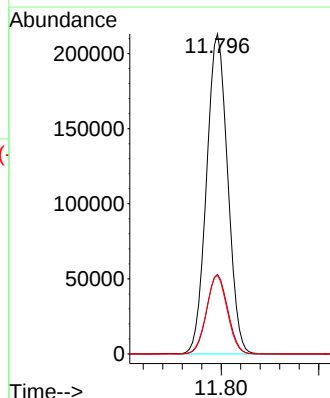
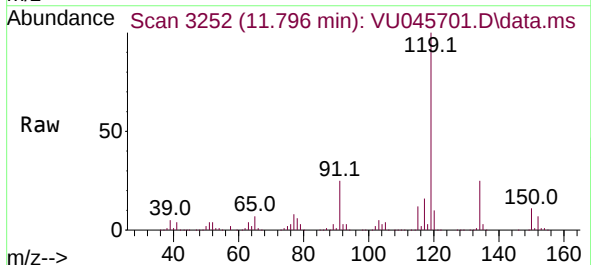
Instrument :  
 MSVOA\_U  
 ClientSampleId :

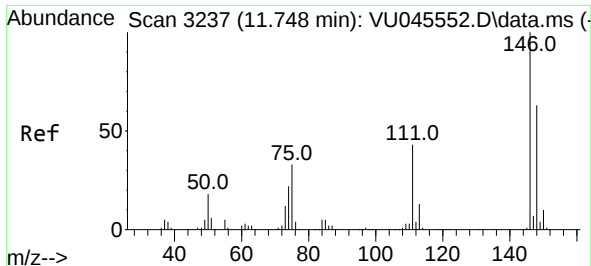
Tgt Ion:105 Resp: 383887  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.4 28.3



#86  
 p-Isopropyltoluene  
 Concen: 49.093 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

Tgt Ion:119 Resp: 320091  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 12.7 38.1  
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.083 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

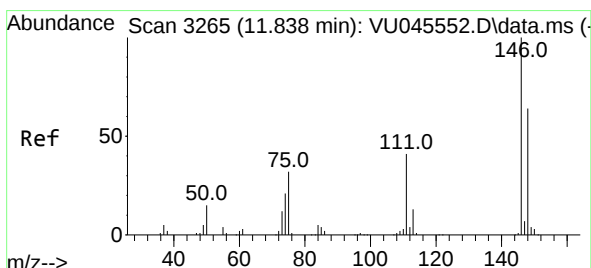
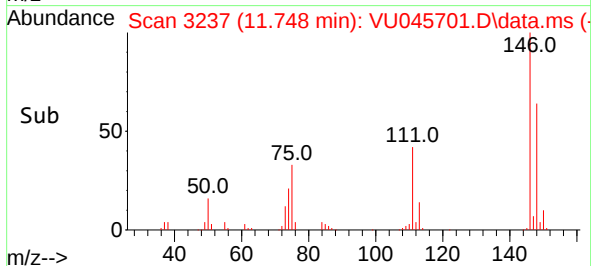
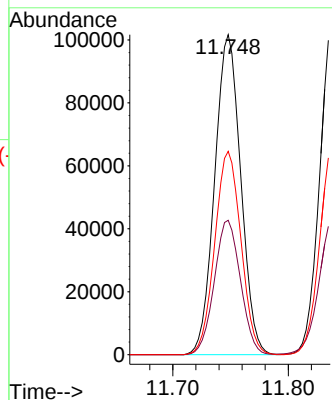
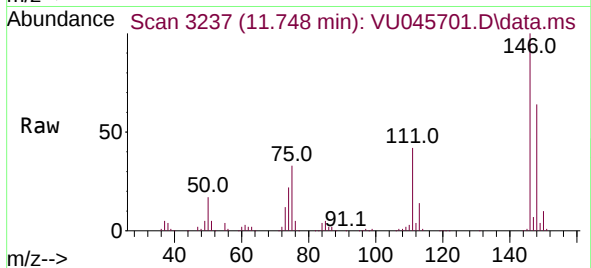
Tgt Ion:146 Resp: 159461

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.333 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

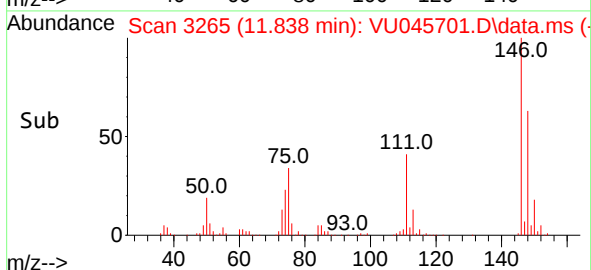
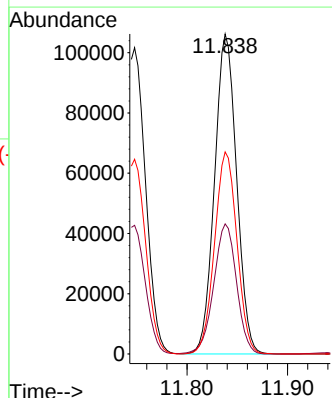
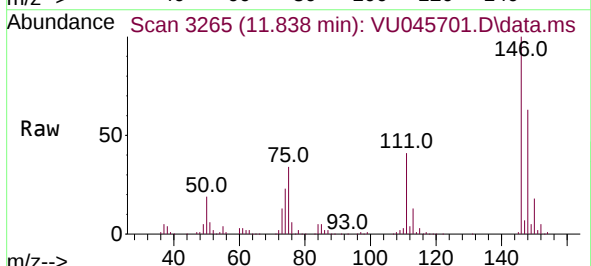
Tgt Ion:146 Resp: 162152

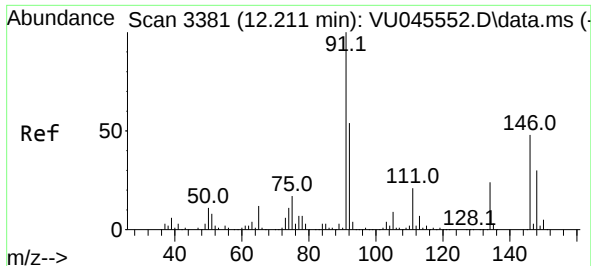
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 46.581 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

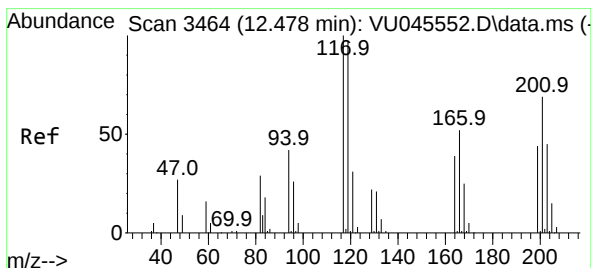
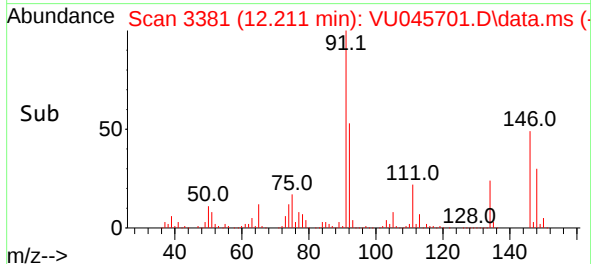
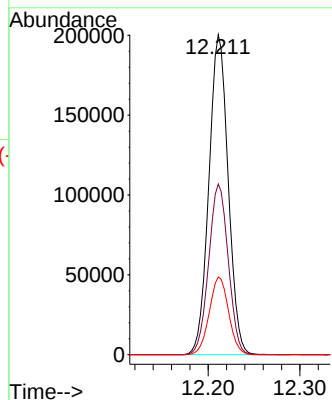
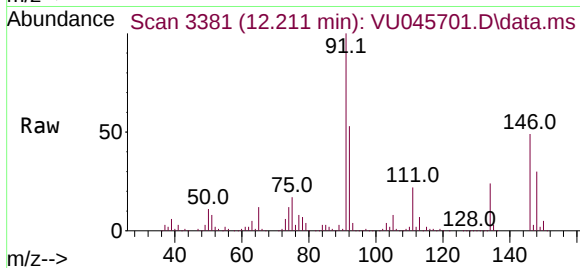
Tgt Ion: 91 Resp: 292559

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

134 24.3 11.8 35.4



#90

Hexachloroethane

Concen: 44.213 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU045701.D

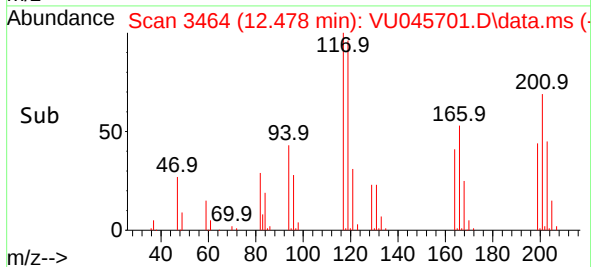
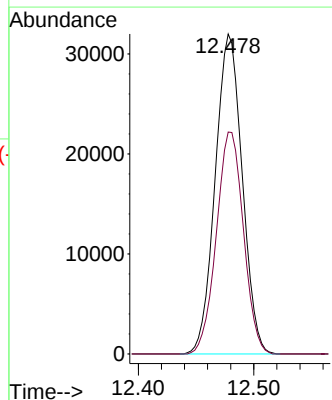
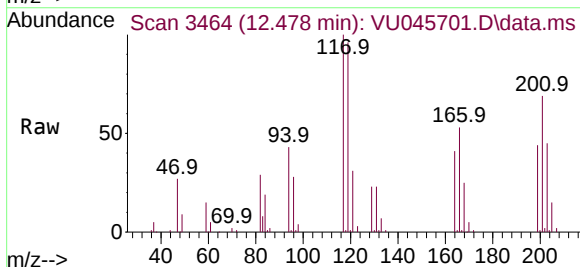
Acq: 10 Nov 2021 20:22

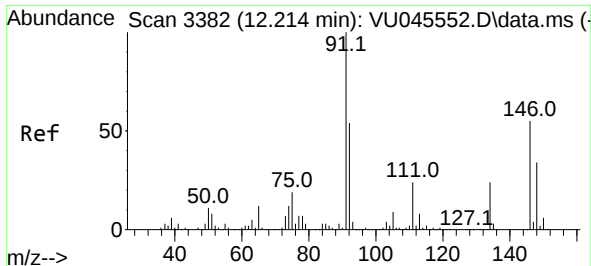
Tgt Ion: 117 Resp: 52003

Ion Ratio Lower Upper

117 100

201 69.5 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 47.865 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

Instrument :

MSVOA\_U

ClientSampleId :

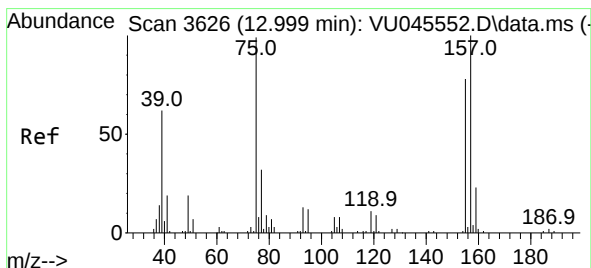
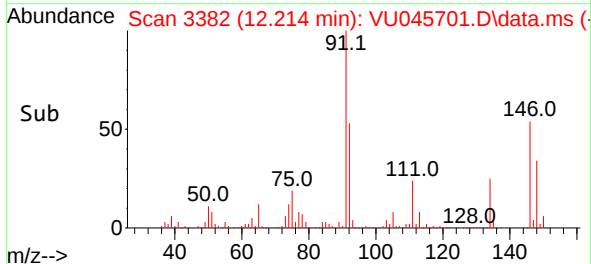
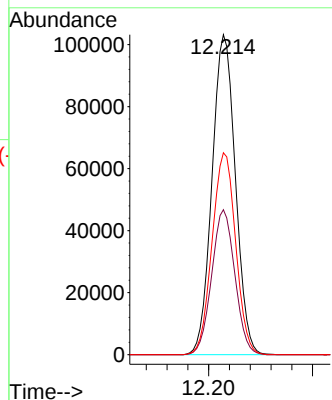
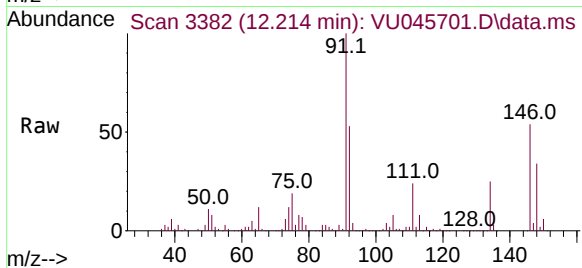
Tgt Ion:146 Resp: 161141

Ion Ratio Lower Upper

146 100

111 44.9 21.9 65.5

148 63.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.128 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045701.D

Acq: 10 Nov 2021 20:22

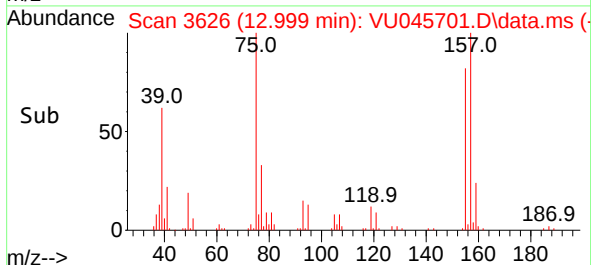
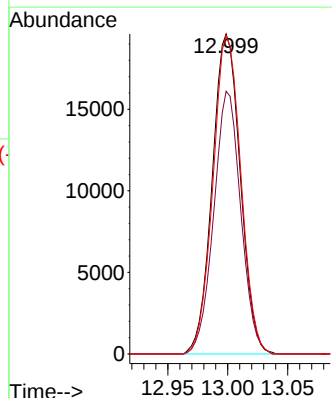
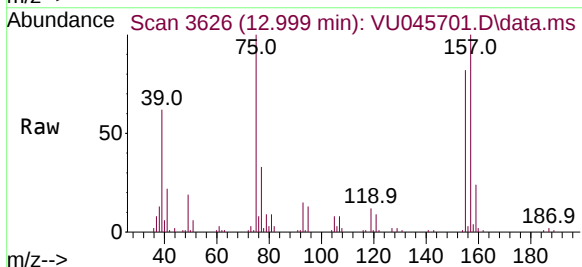
Tgt Ion: 75 Resp: 31782

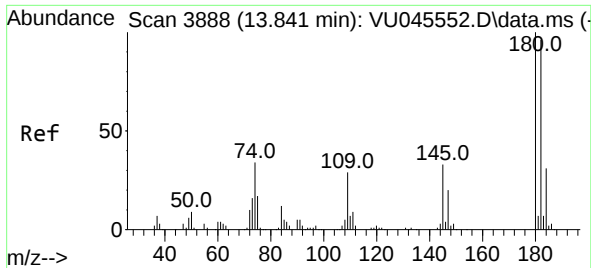
Ion Ratio Lower Upper

75 100

155 79.4 37.8 113.3

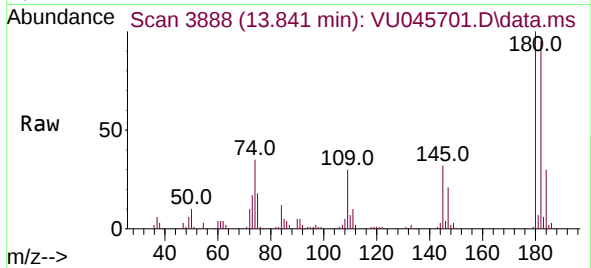
157 99.1 48.4 145.2



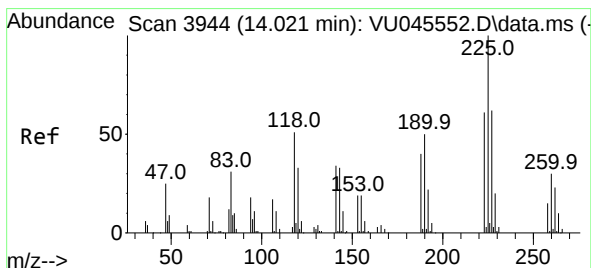
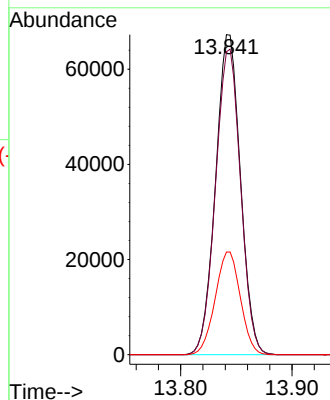
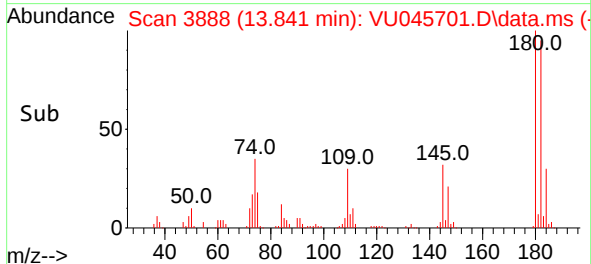


#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.844 ug/l  
 RT: 13.841 min Scan# 3888  
 Delta R.T. -0.000 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22

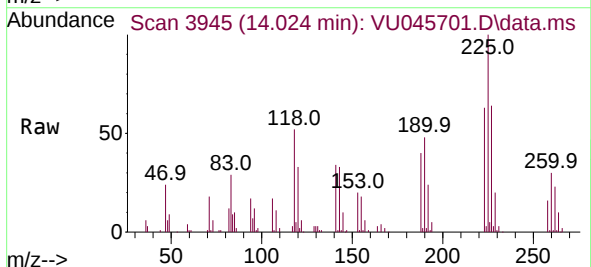
Instrument :  
 MSVOA\_U  
 ClientSampleId :



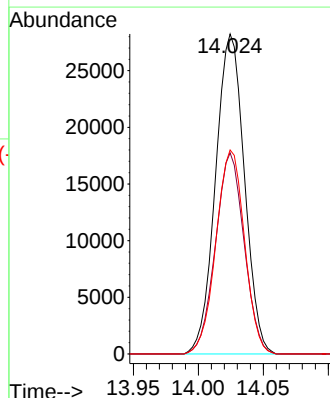
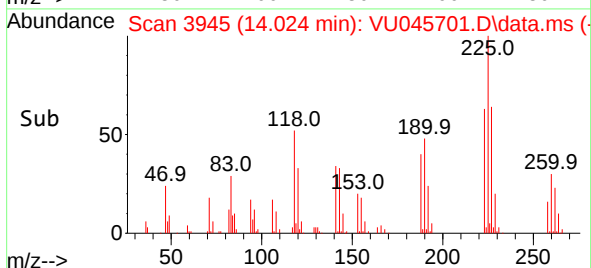
Tgt Ion:180 Resp: 104386  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 47.0 141.2  
 145 32.5 15.6 46.7

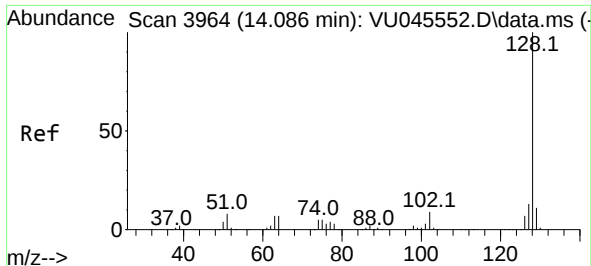


#94  
 Hexachlorobutadiene  
 Concen: 43.350 ug/l  
 RT: 14.024 min Scan# 3945  
 Delta R.T. 0.003 min  
 Lab File: VU045701.D  
 Acq: 10 Nov 2021 20:22



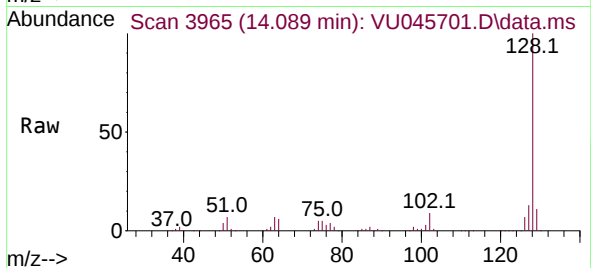
Tgt Ion:225 Resp: 43558  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 32.0 96.2  
 227 63.1 31.1 93.5



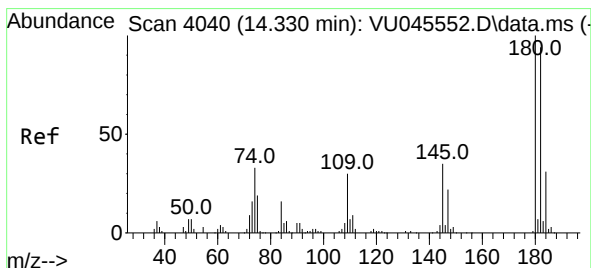
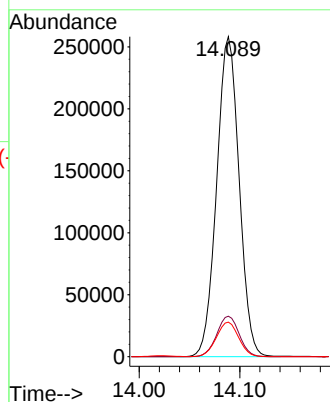
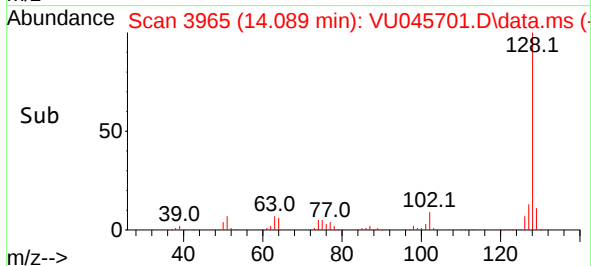


#95  
Naphthalene  
Concen: 45.832 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:128 Resp: 400314  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 15.8  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 47.245 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.003 min  
Lab File: VU045701.D  
Acq: 10 Nov 2021 20:22

Tgt Ion:180 Resp: 109235  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.7 143.1  
145 34.9 16.7 50.0

