

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040622\  
 Data File : VU047831.D  
 Acq On : 06 Apr 2022 15:37  
 Operator : SY/MD  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICSVU040622

Quant Time: Apr 07 06:22:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U040622DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Apr 07 06:19:08 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.118  | 96   | 54511    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.636 | 95   | 23724    | 1.204   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 120.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.195 | 152  | 24738    | 1.040   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 104.000% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 128628   | 6.625   | ug/l     | 100      |
| 3) Chloromethane             | 1.527  | 50   | 190334   | 8.759   | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.607  | 62   | 164356   | 8.545   | ug/l     | 100      |
| 5) Bromomethane              | 1.861  | 94   | 101073   | 8.319   | ug/l     | 99       |
| 6) Chloroethane              | 1.938  | 64   | 109771   | 9.186   | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 2.144  | 101  | 239158   | 9.309   | ug/l     | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.584  | 101  | 142130   | 9.582   | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.584  | 96   | 134438   | 9.120   | ug/l     | 98       |
| 10) Iodomethane              | 2.726  | 142  | 100458   | 9.945   | ug/l     | 99       |
| 11) Allyl Chloride           | 2.929  | 41   | 210729   | 10.423  | ug/l     | 95       |
| 12) Acrylonitrile            | 3.324  | 53   | 189672   | 51.129  | ug/l     | 99       |
| 13) Acetone                  | 2.642  | 43   | 205409   | 69.740  | ug/l     | 99       |
| 14) Carbon Disulfide         | 2.797  | 76   | 371049   | 7.960   | ug/l     | 100      |
| 15) Methylene Chloride       | 3.047  | 84   | 186883   | 10.851  | ug/l     | 97       |
| 16) trans-1,2-Dichloroethene | 3.356  | 96   | 156298   | 9.687   | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.874  | 63   | 273288   | 10.316  | ug/l     | 99       |
| 18) 2-Butanone               | 4.723  | 43   | 231890   | 59.074  | ug/l     | 99       |
| 19) Cyclohexane              | 5.391  | 56   | 212415m  | 10.597  | ug/l     |          |
| 20) Methylcyclohexane        | 6.764  | 83   | 241566   | 10.807  | ug/l     | 99       |
| 21) 2,2-Dichloropropane      | 4.668  | 77   | 228448   | 10.512  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.671  | 96   | 178777   | 10.760  | ug/l     | 100      |
| 23) Diethyl Ether            | 2.382  | 59   | 105953   | 9.640   | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.240  | 59   | 68170    | 55.757  | ug/l     | 99       |
| 25) Methyl tert-Butyl Ether  | 3.372  | 73   | 385712   | 10.516  | ug/l     | 99       |
| 26) Bromochloromethane       | 4.980  | 128  | 66254    | 8.015   | ug/l     | 97       |
| 27) Chloroform               | 5.092  | 83   | 296969   | 10.546  | ug/l     | 99       |
| 28) 1,1,1-Trichloroethane    | 5.321  | 97   | 244248   | 10.253  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.530  | 75   | 207567   | 10.306  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.526  | 117  | 216741   | 10.457  | ug/l     | 99       |
| 31) Isopropyl Ether          | 4.002  | 45   | 435546   | 11.873  | ug/l     | # 1      |
| 34) Propionitrile            | 4.793  | 54   | 140008   | 110.742 | ug/l     | 98       |
| 35) Benzene                  | 5.777  | 78   | 621333   | 10.327  | ug/l     | 99       |
| 36) 1,2-Dichloroethane       | 5.800  | 62   | 185968   | 10.501  | ug/l     | 100      |
| 37) Trichloroethene          | 6.546  | 130  | 177440   | 10.162  | ug/l     | 99       |
| 38) 1,2-Dichloropropane      | 6.797  | 63   | 161826   | 10.574  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.983  | 41   | 50741    | 11.276  | ug/l     | 96       |
| 40) Methyl acrylate          | 4.854  | 55   | 84764    | 11.538  | ug/l     | 100      |
| 41) Tetrahydrofuran          | 5.067  | 42   | 132361   | 52.154  | ug/l     | 97       |
| 42) 1-Chlorobutane           | 5.462  | 56   | 274931   | 10.582  | ug/l     | 100      |
| 43) Dibromomethane           | 6.922  | 93   | 93346    | 10.622  | ug/l     | 100      |
| 44) Bromodichloromethane     | 7.108  | 83   | 223237   | 10.981  | ug/l     | 98       |
| 45) 4-Methyl-2-Pentanone     | 7.796  | 43   | 503815   | 55.882  | ug/l     | 100      |
| 46) t-1,4-Dichloro-2-butene  | 10.829 | 75   | 77797m   | 18.269  | ug/l     |          |

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :  
 ICVVU040622

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Apr 07 06:19:08 2022  
 Response via : Initial Calibration

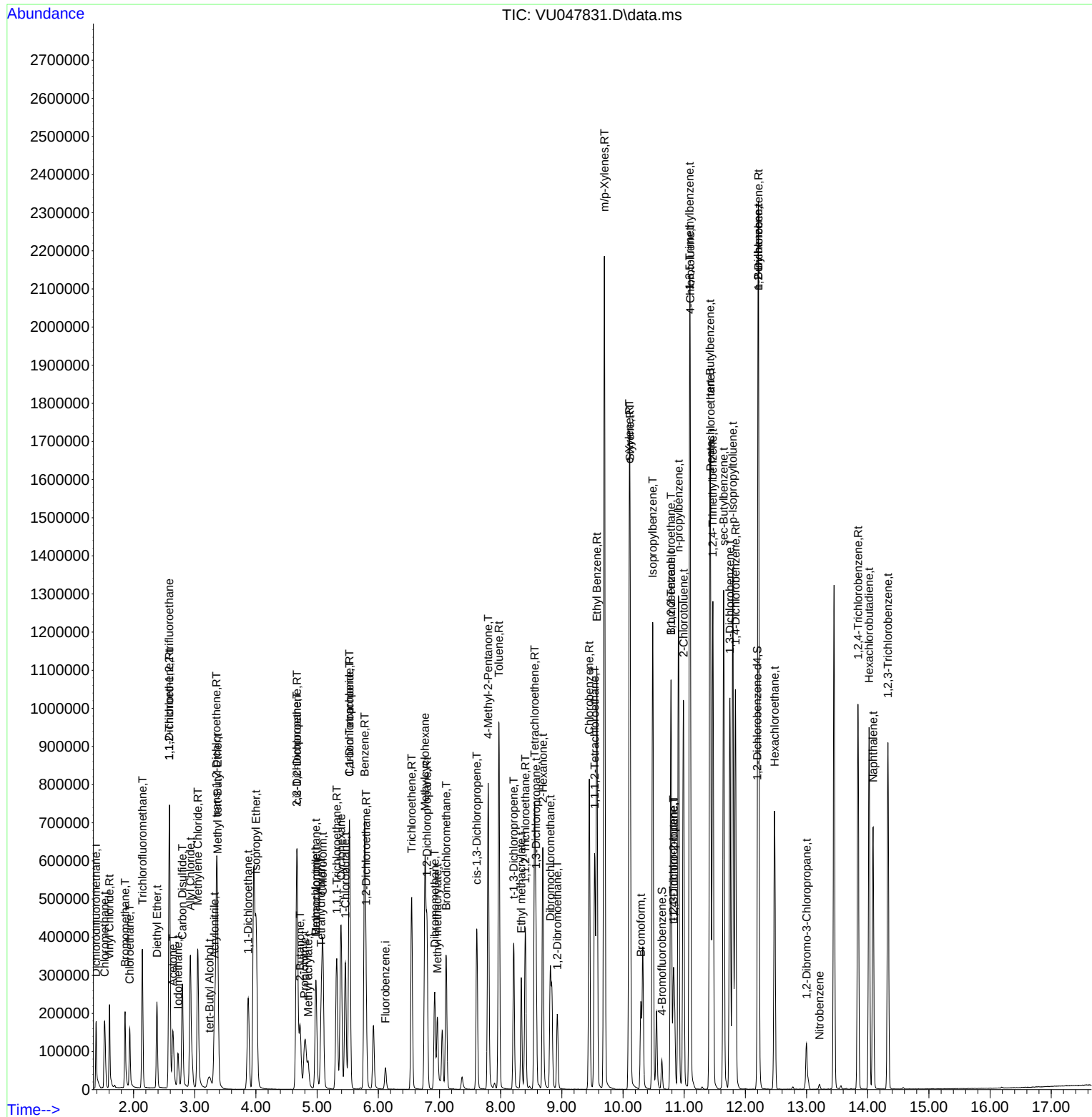
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 47) Methyl methacrylate       | 6.967  | 69   | 76710    | 10.886 | ug/l  | 99       |
| 48) Ethyl methacrylate        | 8.337  | 69   | 151826   | 11.699 | ug/l  | 100      |
| 49) Toluene                   | 7.970  | 92   | 404393   | 11.044 | ug/l  | 98       |
| 50) t-1,3-Dichloropropene     | 8.214  | 75   | 207069   | 11.529 | ug/l  | 99       |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 241949   | 11.707 | ug/l  | 99       |
| 52) 1,1,2-Trichloroethane     | 8.404  | 97   | 132422   | 10.663 | ug/l  | 99       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 218189   | 10.717 | ug/l  | 99       |
| 54) 2-Hexanone                | 8.690  | 43   | 386216   | 59.579 | ug/l  | 99       |
| 55) Dibromochloromethane      | 8.813  | 129  | 162314   | 10.960 | ug/l  | 99       |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 129533   | 10.922 | ug/l  | 99       |
| 58) Tetrachloroethene         | 8.555  | 164  | 167019   | 10.671 | ug/l  | 99       |
| 59) Chlorobenzene             | 9.449  | 112  | 459131   | 10.654 | ug/l  | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 168496   | 11.018 | ug/l  | 99       |
| 61) Pentachloroethane         | 11.430 | 117  | 143508   | 11.266 | ug/l  | 99       |
| 62) Hexachloroethane          | 12.478 | 117  | 135262   | 11.646 | ug/l  | 98       |
| 63) Ethyl Benzene             | 9.571  | 91   | 782574   | 11.776 | ug/l  | 100      |
| 64) m/p-Xylenes               | 9.697  | 106  | 636305   | 24.048 | ug/l  | 99       |
| 65) o-Xylene                  | 10.102 | 106  | 301574   | 11.929 | ug/l  | 100      |
| 66) Styrene                   | 10.115 | 104  | 522297   | 12.201 | ug/l  | 100      |
| 67) Bromoform                 | 10.292 | 173  | 105785   | 11.236 | ug/l  | 99       |
| 69) Isopropylbenzene          | 10.484 | 105  | 811906   | 12.271 | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 175196   | 10.923 | ug/l  | 98       |
| 71) 1,2,3-Trichloropropane    | 10.825 | 75   | 130566m  | 10.711 | ug/l  |          |
| 72) Bromobenzene              | 10.784 | 156  | 220343   | 11.098 | ug/l  | 98       |
| 73) n-propylbenzene           | 10.909 | 120  | 232866   | 12.329 | ug/l  | 99       |
| 74) 2-Chlorotoluene           | 10.989 | 126  | 210649   | 11.793 | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 704300   | 12.541 | ug/l  | 99       |
| 76) 4-Chlorotoluene           | 11.099 | 126  | 224330   | 11.885 | ug/l  | 99       |
| 77) tert-Butylbenzene         | 11.423 | 119  | 691615   | 12.142 | ug/l  | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 702606   | 12.204 | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.645 | 105  | 910859   | 12.221 | ug/l  | 100      |
| 80) Nitrobenzene              | 13.211 | 77   | 7302     | 12.022 | ug/l  | 94       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 782100   | 12.539 | ug/l  | 100      |
| 82) 1,3-Dichlorobenzene       | 11.748 | 146  | 449755   | 11.286 | ug/l  | 99       |
| 83) 1,4-Dichlorobenzene       | 11.838 | 146  | 451579   | 11.322 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.211 | 91   | 730976   | 12.288 | ug/l  | 100      |
| 85) 1,2-Dichlorobenzene       | 12.214 | 146  | 426334   | 11.269 | ug/l  | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 27366    | 10.714 | ug/l  | 97       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 334495   | 12.159 | ug/l  | 99       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 187248   | 11.478 | ug/l  | 99       |
| 89) Naphthalene               | 14.089 | 128  | 562925   | 10.842 | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 301697   | 11.825 | ug/l  | 100      |

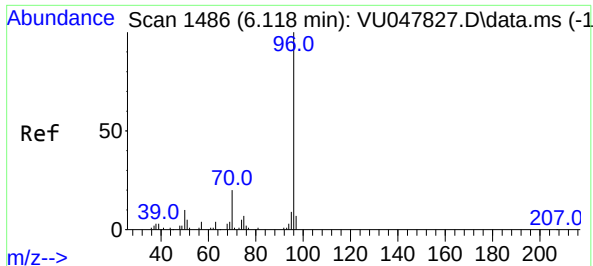
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 07 06:19:08 2022  
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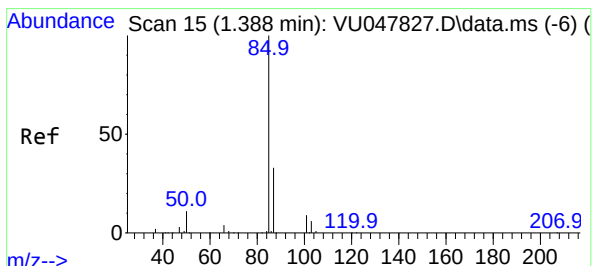
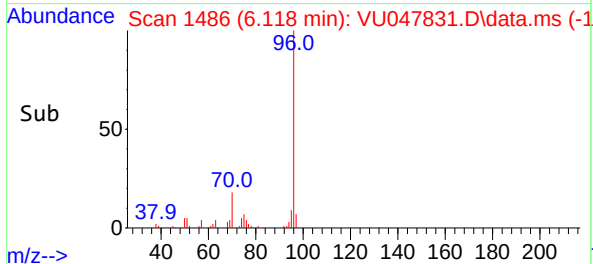
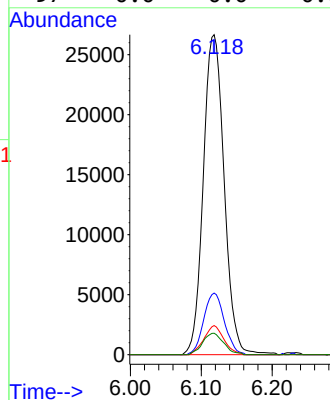
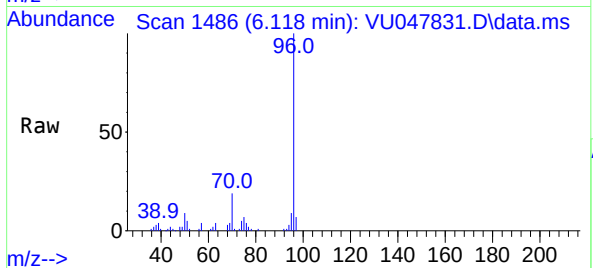




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.118 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

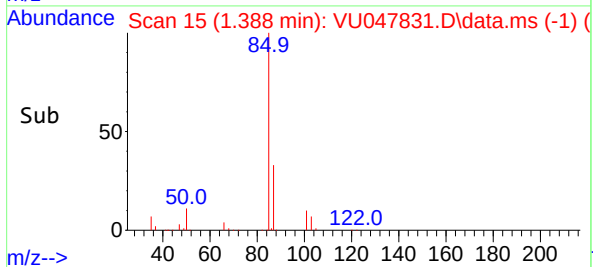
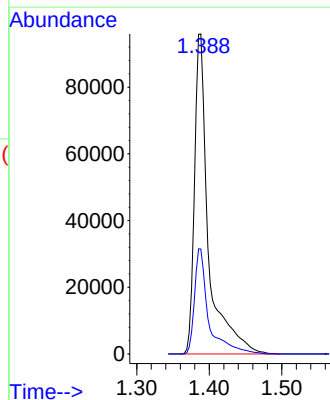
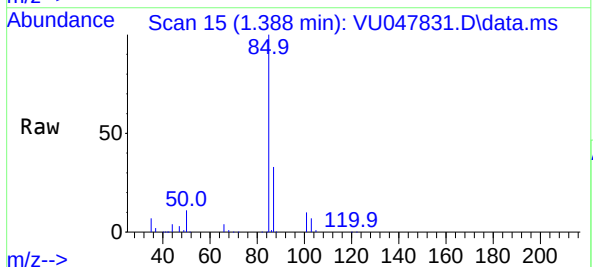
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MSVOA\_U  
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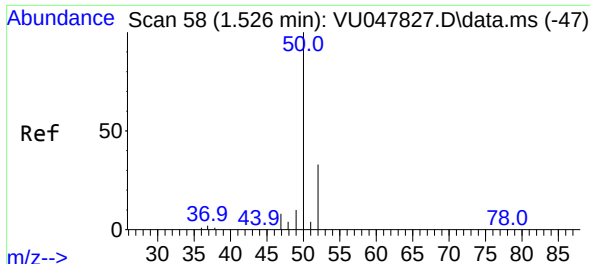
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 54511 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 19.1  | 15.4  | 23.0  |
| 95       | 8.7   | 7.6   | 11.4  |
| 97       | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 6.625 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 85    | Resp: | 128628 |
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 32.8  | 16.4  | 49.4   |

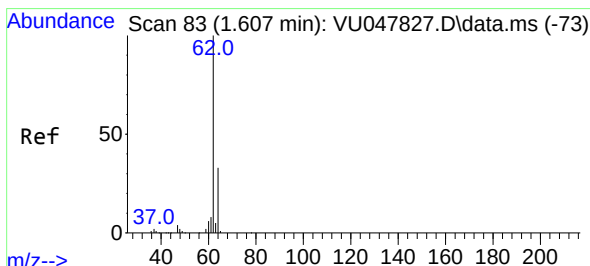
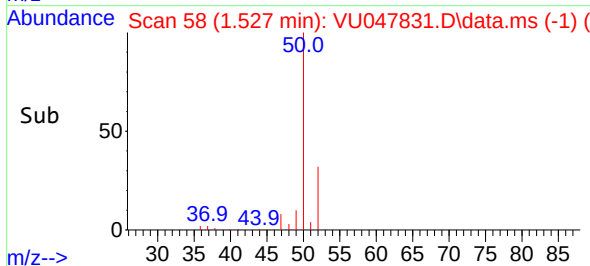
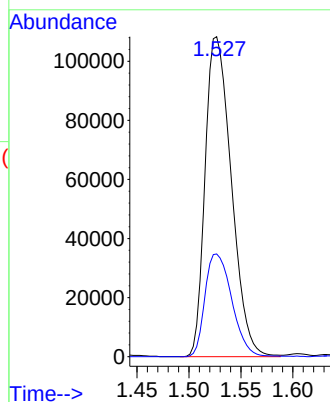
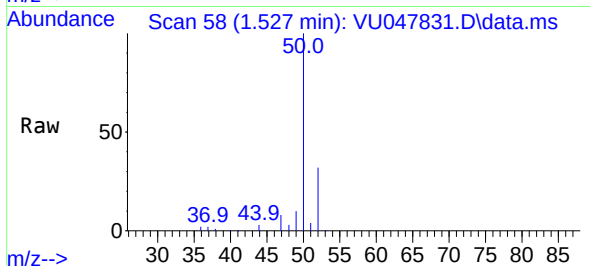




#3  
Chloromethane  
Concen: 8.759 ug/l  
RT: 1.527 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

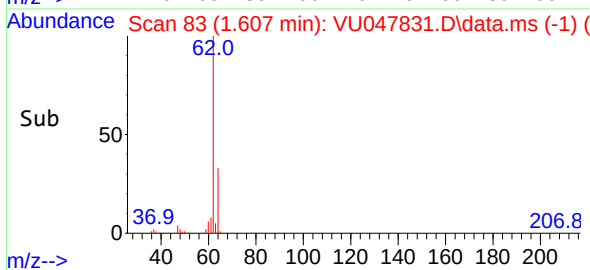
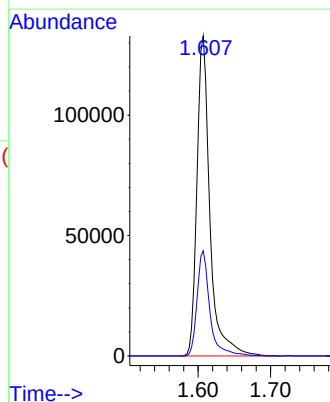
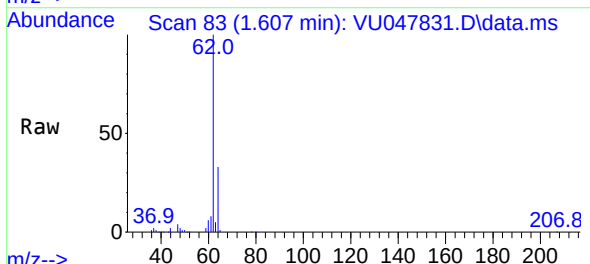
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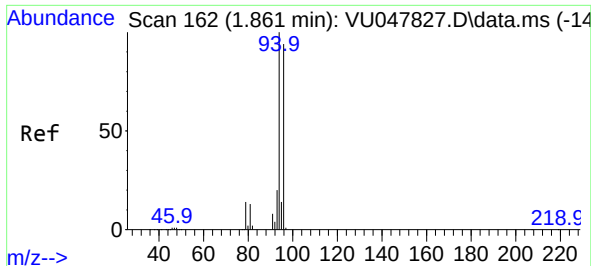
Tgt Ion: 50 Resp: 190334  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.7 40.1



#4  
Vinyl Chloride  
Concen: 8.545 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
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Acq: 06 Apr 2022 15:37

Tgt Ion: 62 Resp: 164356  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.4 39.6

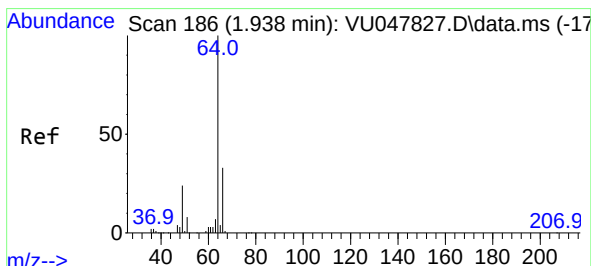
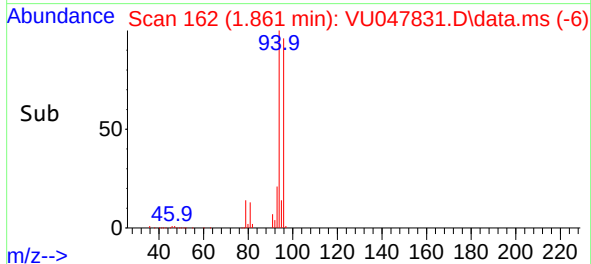
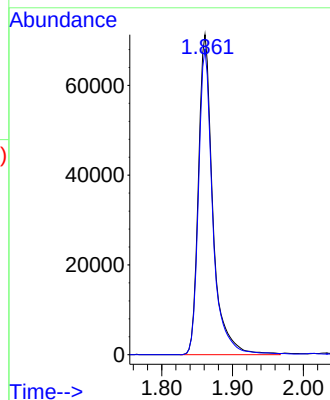
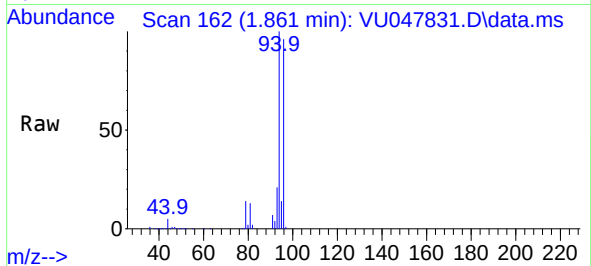




#5  
Bromomethane  
Concen: 8.319 ug/l  
RT: 1.861 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

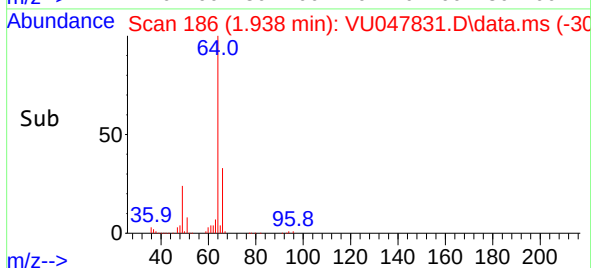
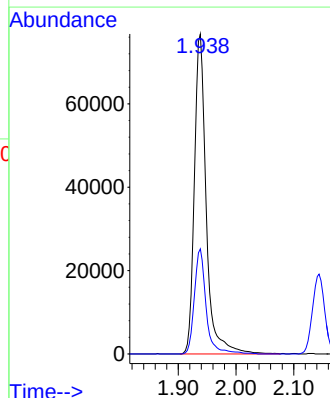
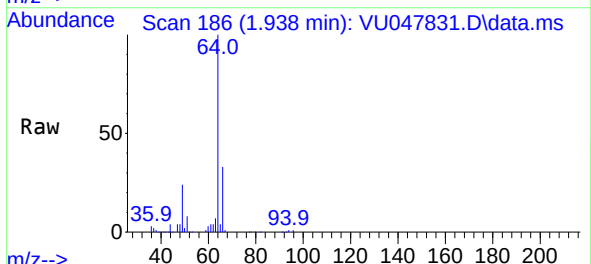
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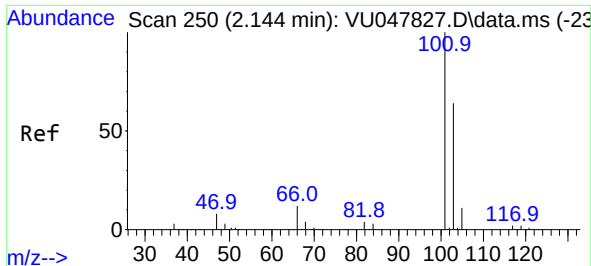
Tgt Ion: 94 Resp: 101073  
Ion Ratio Lower Upper  
94 100  
96 95.5 75.3 112.9



#6  
Chloroethane  
Concen: 9.186 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 64 Resp: 109771  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.2 39.2

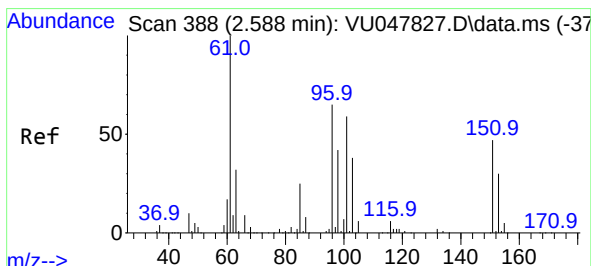
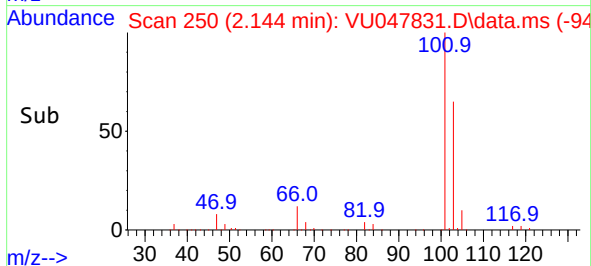
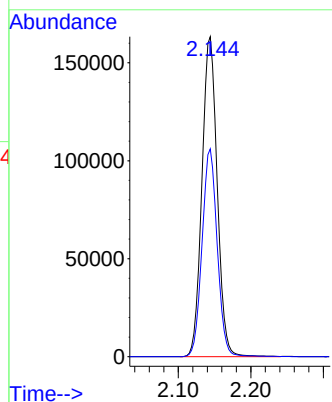
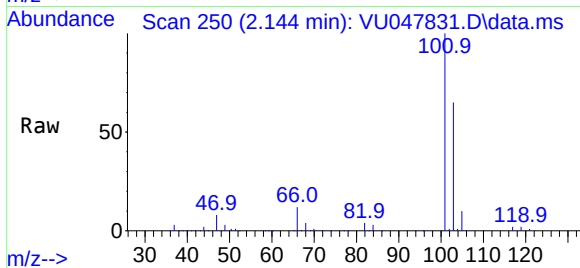




#7  
Trichlorofluoromethane  
Concen: 9.309 ug/l  
RT: 2.144 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
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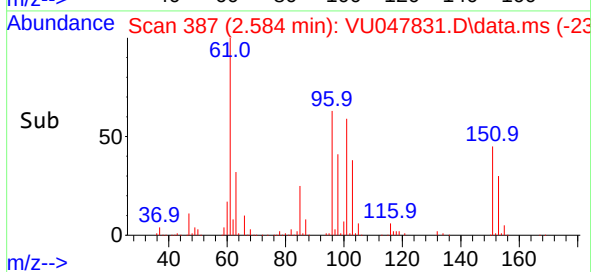
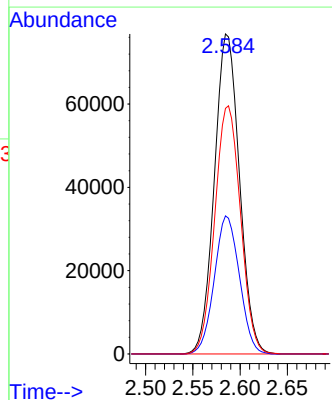
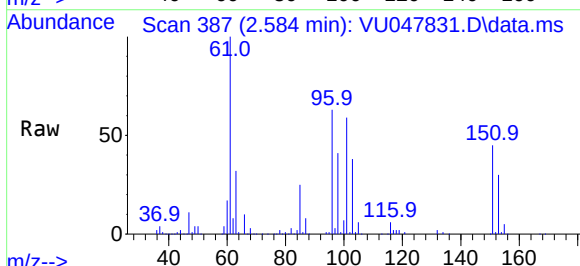
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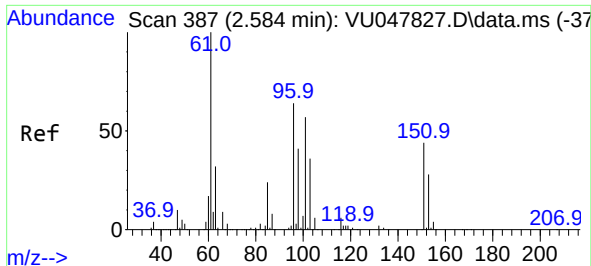
Tgt Ion:101 Resp: 239158  
Ion Ratio Lower Upper  
101 100  
103 65.0 51.3 76.9



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 9.582 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:101 Resp: 142130  
Ion Ratio Lower Upper  
101 100  
85 43.1 33.4 50.2  
151 79.4 63.8 95.8

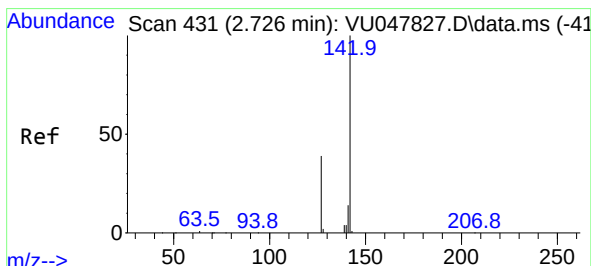
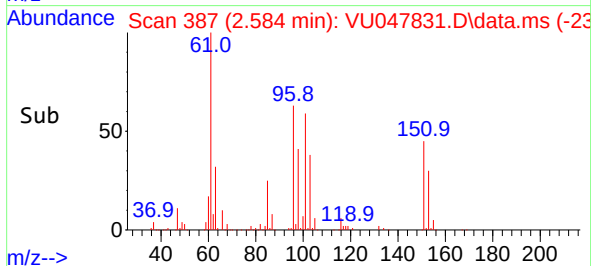
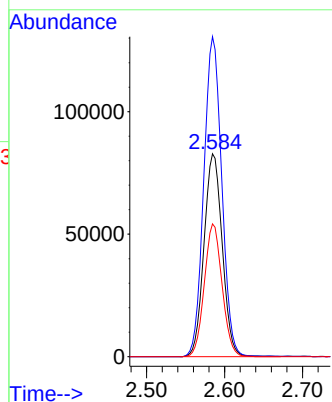
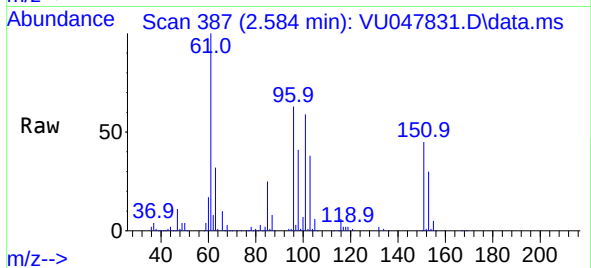




#9  
1,1-Dichloroethene  
Concen: 9.120 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

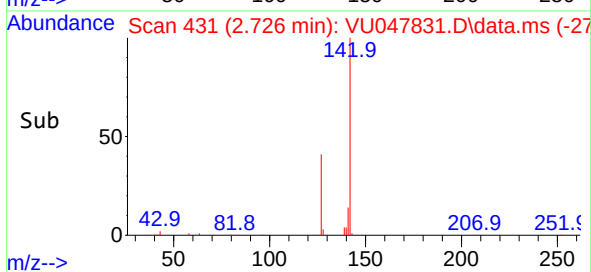
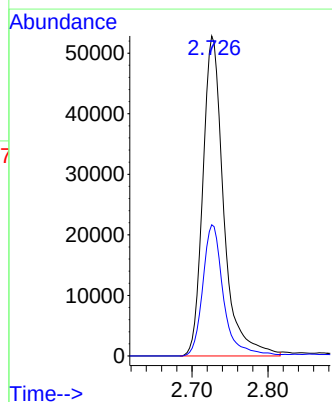
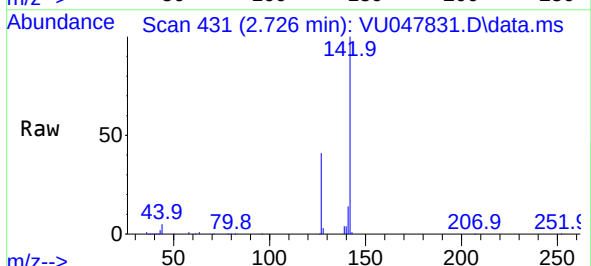
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion: 96 Resp: 134438  
Ion Ratio Lower Upper  
96 100  
61 157.7 0.0 466.5  
98 65.4 0.0 128.0

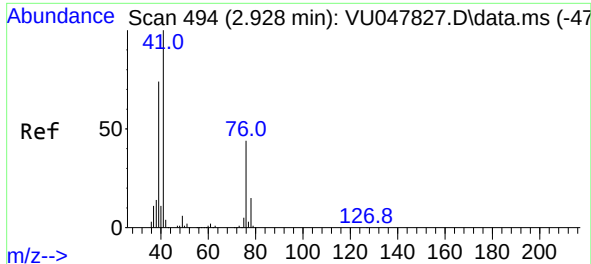


#10  
Iodomethane  
Concen: 9.945 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 142 Resp: 100458  
Ion Ratio Lower Upper  
142 100  
127 40.9 32.1 48.1



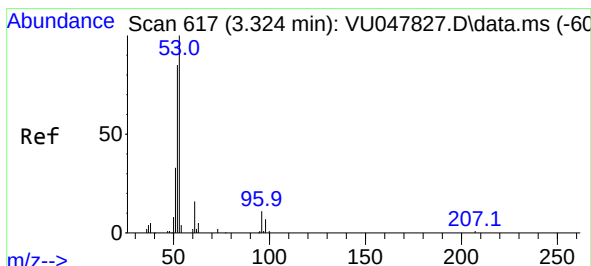
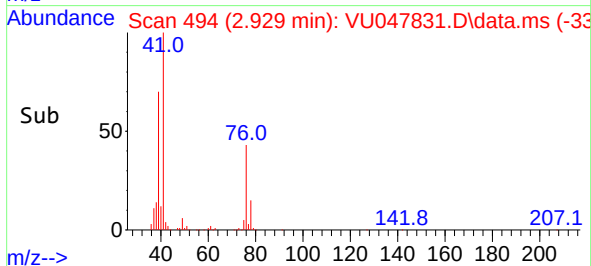
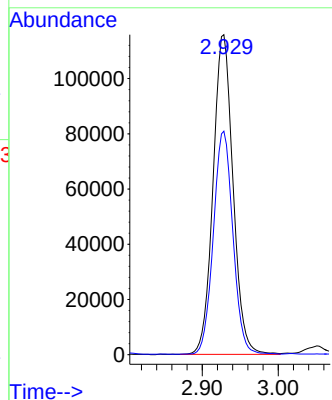
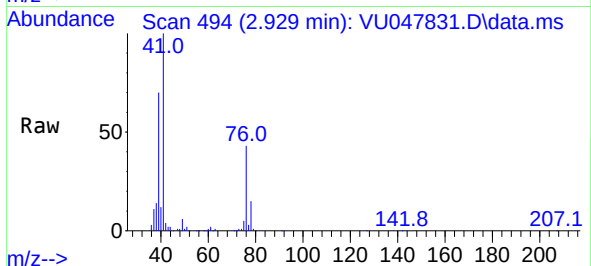




#11  
 Allyl Chloride  
 Concen: 10.423 ug/l  
 RT: 2.929 min Scan# 494  
 Delta R.T. 0.000 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

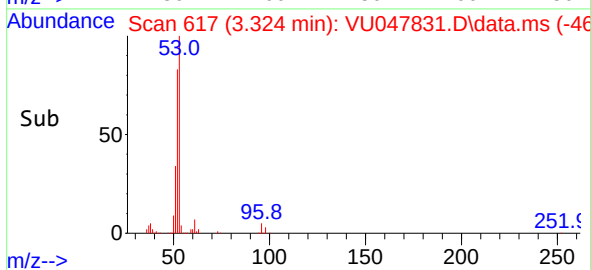
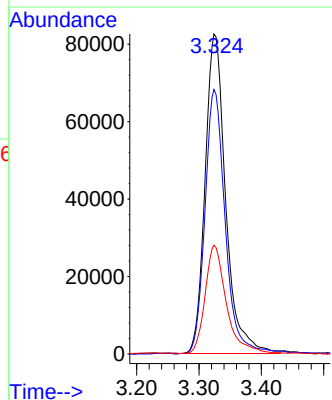
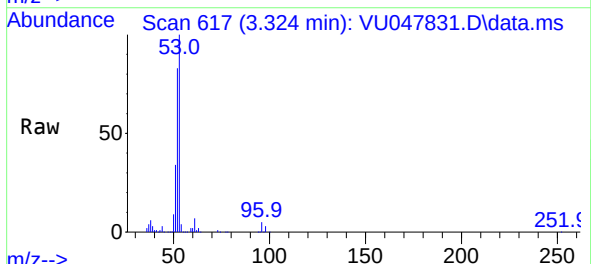
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU040622

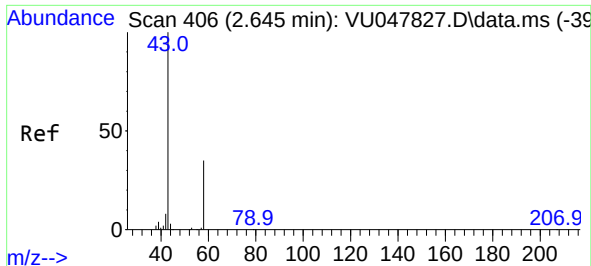
Tgt Ion: 41 Resp: 210729  
 Ion Ratio Lower Upper  
 41 100  
 39 68.3 58.3 87.5



#12  
 Acrylonitrile  
 Concen: 51.129 ug/l  
 RT: 3.324 min Scan# 617  
 Delta R.T. 0.000 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

Tgt Ion: 53 Resp: 189672  
 Ion Ratio Lower Upper  
 53 100  
 52 81.9 65.5 98.3  
 51 34.9 29.6 44.4

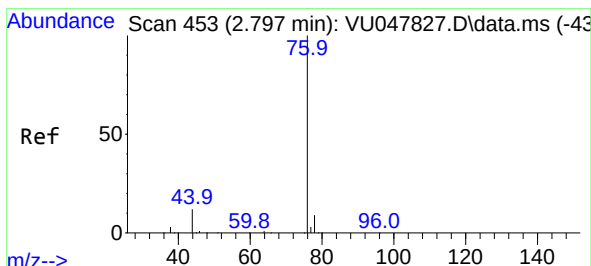
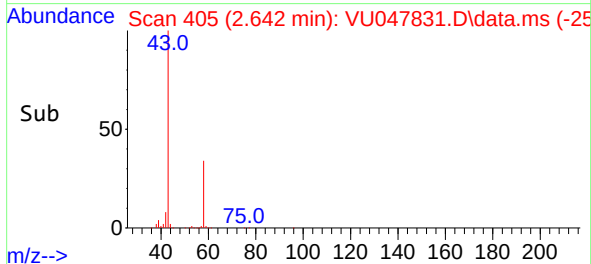
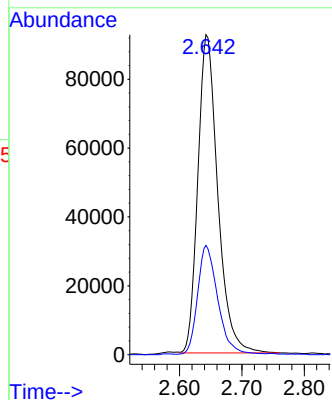
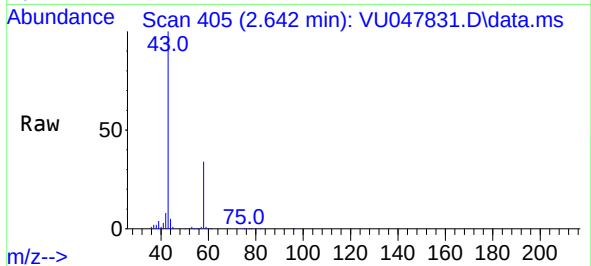




#13  
Acetone  
Concen: 69.740 ug/l  
RT: 2.642 min Scan# 406  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

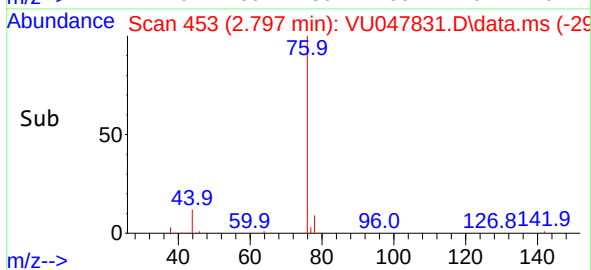
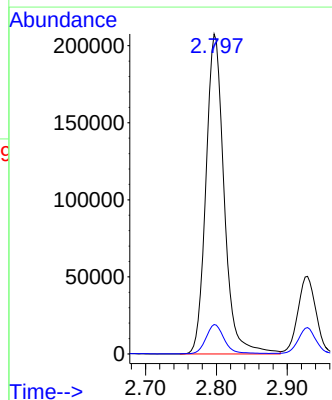
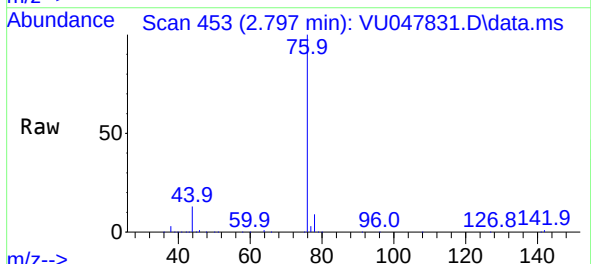
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

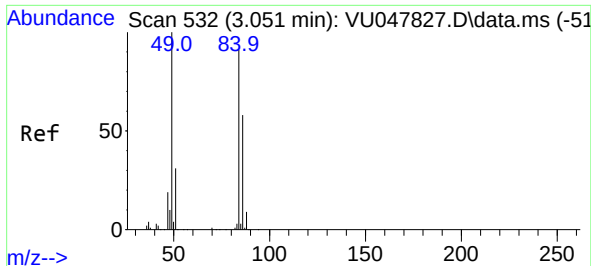
Tgt Ion: 43 Resp: 205409  
Ion Ratio Lower Upper  
43 100  
58 34.1 28.0 42.0



#14  
Carbon Disulfide  
Concen: 7.960 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 76 Resp: 371049  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



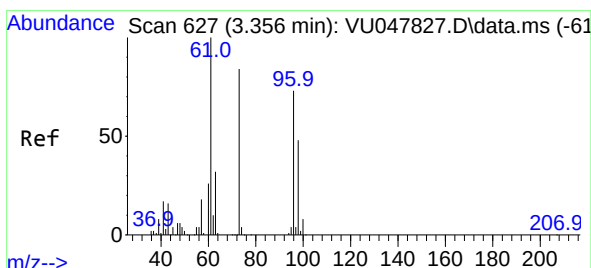
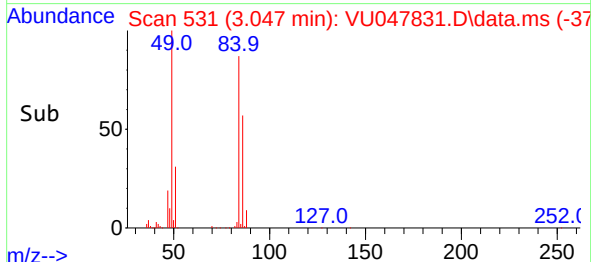
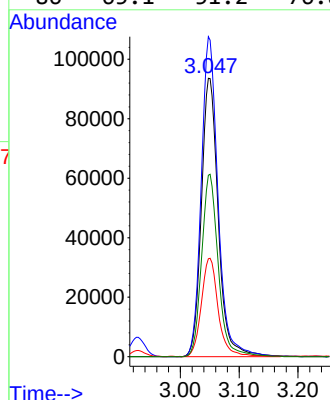
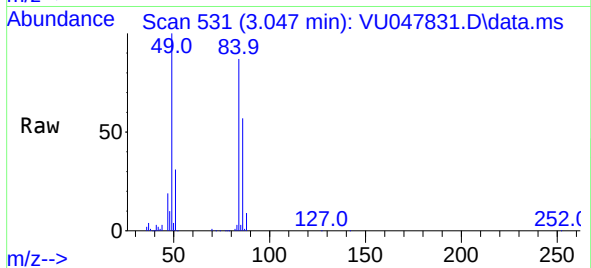


#15  
Methylene Chloride  
Concen: 10.851 ug/l  
RT: 3.047 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion: 84 Resp: 186883

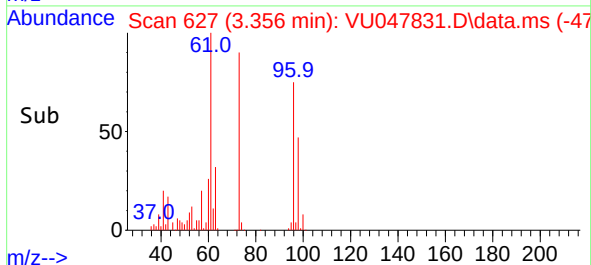
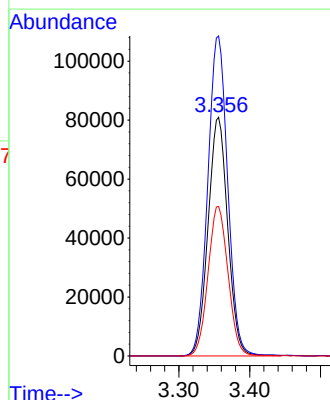
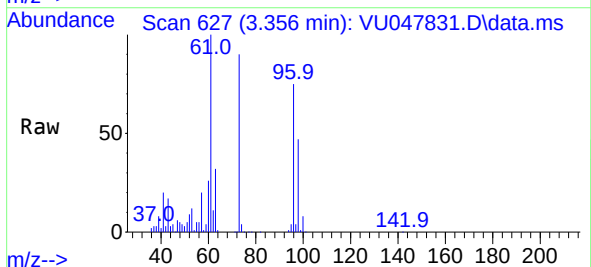
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 114.9 | 88.4  | 132.6 |
| 51  | 35.1  | 0.0   | 69.8  |
| 86  | 65.1  | 51.2  | 76.8  |

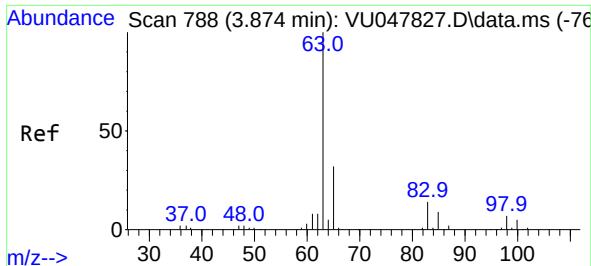


#16  
trans-1,2-Dichloroethene  
Concen: 9.687 ug/l  
RT: 3.356 min Scan# 627  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 96 Resp: 156298

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.0 | 109.2 | 163.8 |
| 98  | 62.6  | 52.0  | 78.0  |

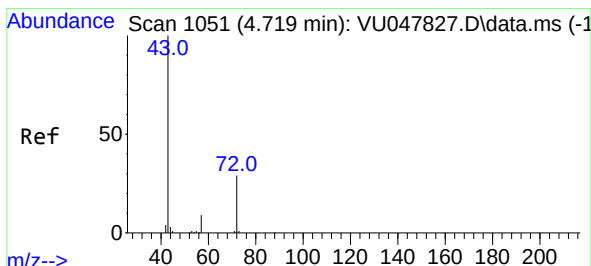
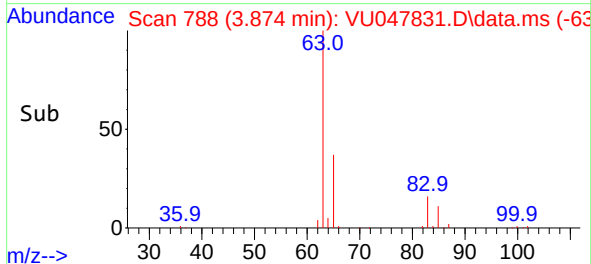
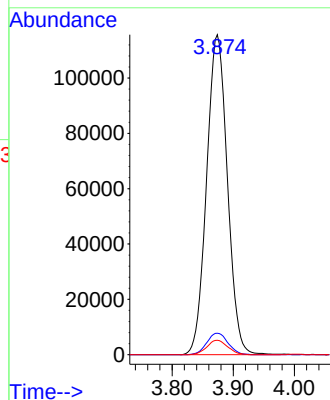
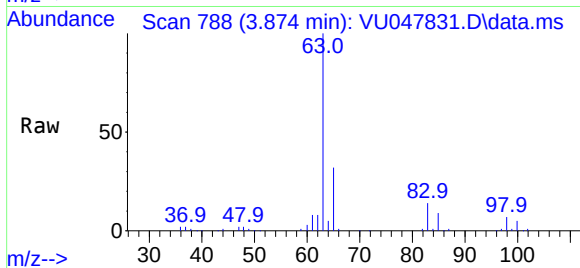




#17  
1,1-Dichloroethane  
Concen: 10.316 ug/l  
RT: 3.874 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

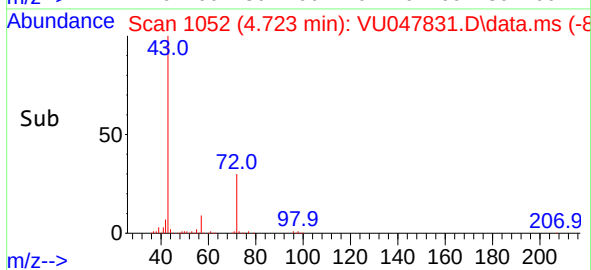
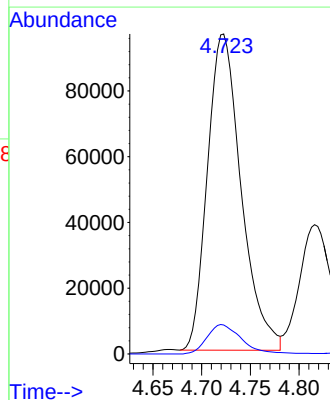
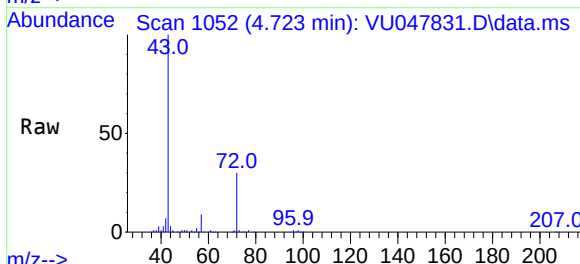
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

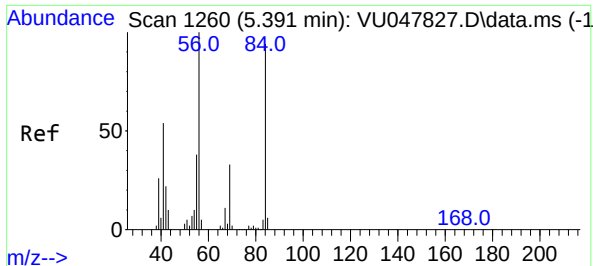
Tgt Ion: 63 Resp: 273288  
Ion Ratio Lower Upper  
63 100  
98 6.7 3.6 10.8  
100 4.5 2.4 7.2



#18  
2-Butanone  
Concen: 59.074 ug/l  
RT: 4.723 min Scan# 1052  
Delta R.T. 0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 43 Resp: 231890  
Ion Ratio Lower Upper  
43 100  
57 9.2 0.0 17.4

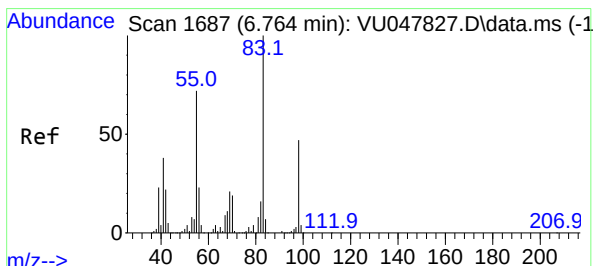
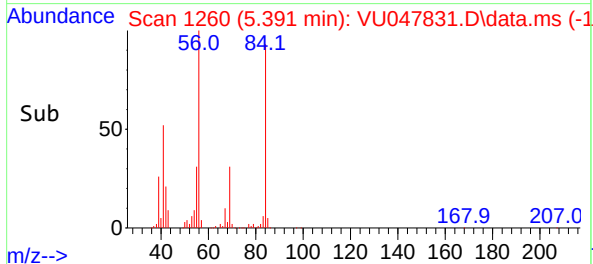
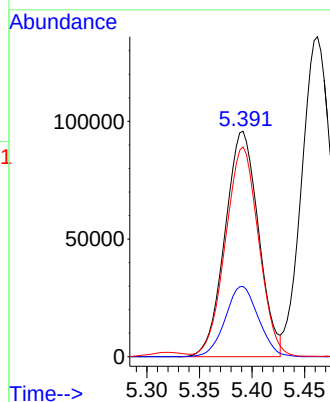
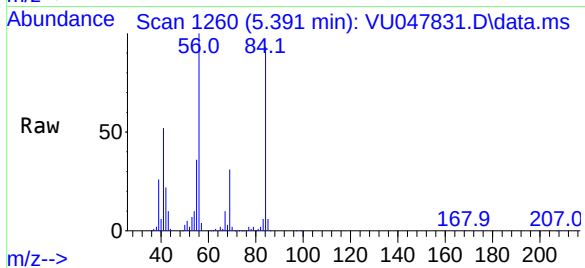




#19  
Cyclohexane  
Concen: 10.597 ug/l m  
RT: 5.391 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

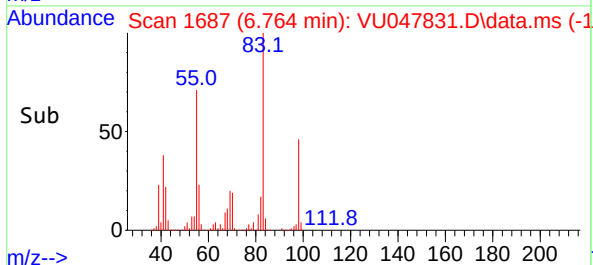
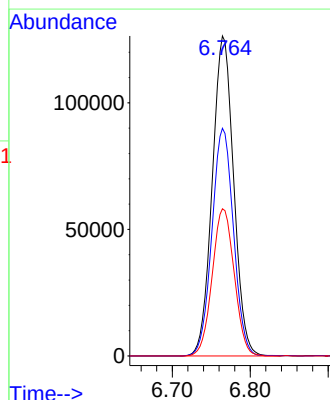
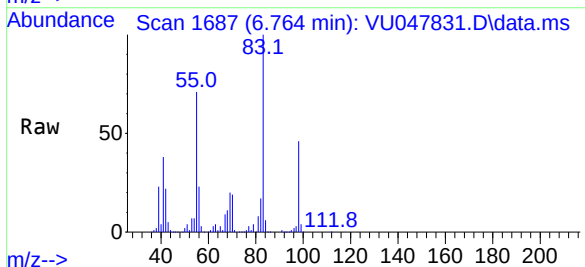
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

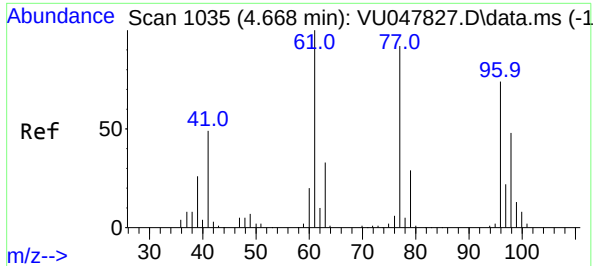
Tgt Ion: 56 Resp: 212415  
Ion Ratio Lower Upper  
56 100  
69 30.9 25.4 38.0  
84 90.5 74.0 111.0



#20  
Methylcyclohexane  
Concen: 10.807 ug/l  
RT: 6.764 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 83 Resp: 241566  
Ion Ratio Lower Upper  
83 100  
55 71.6 58.0 87.0  
98 47.3 37.9 56.9

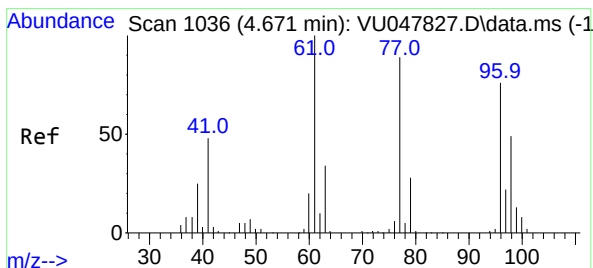
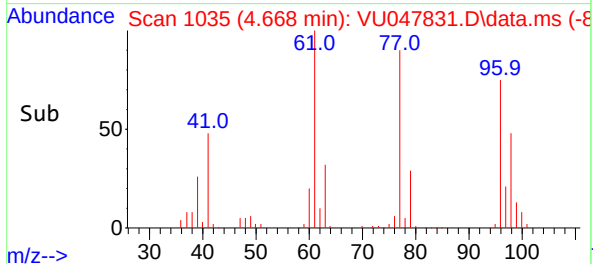
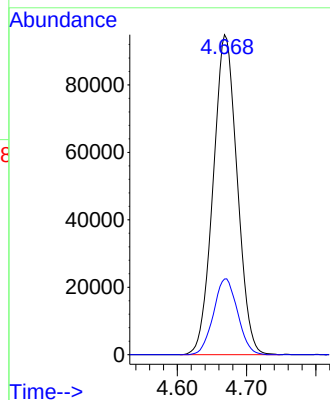
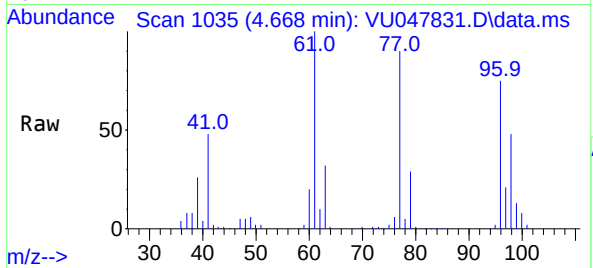




#21  
2,2-Dichloropropane  
Concen: 10.512 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

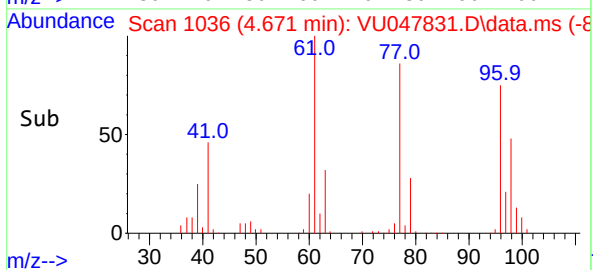
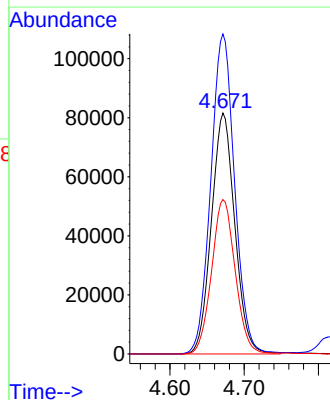
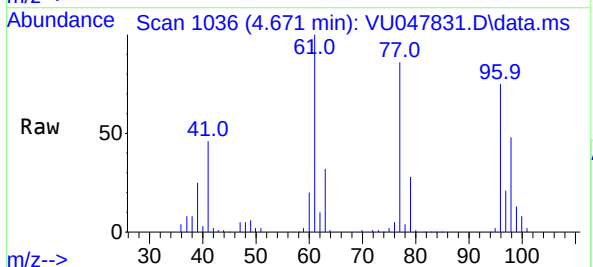
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

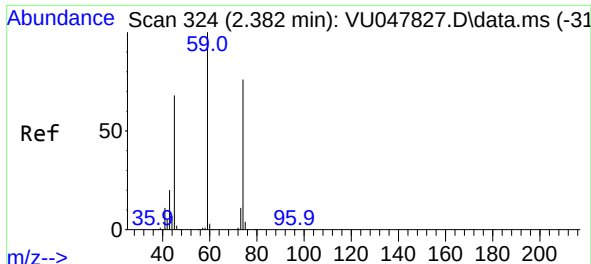
Tgt Ion: 77 Resp: 228448  
Ion Ratio Lower Upper  
77 100  
97 23.8 19.3 28.9



#22  
cis-1,2-Dichloroethene  
Concen: 10.760 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 96 Resp: 178777  
Ion Ratio Lower Upper  
96 100  
61 135.2 0.0 337.8  
98 64.7 32.5 97.5

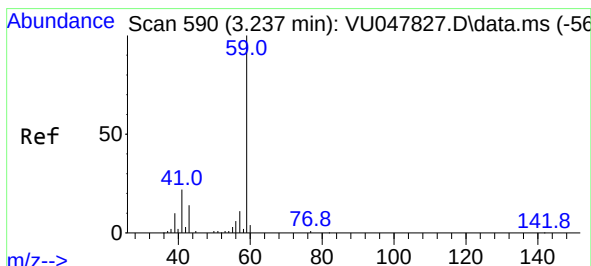
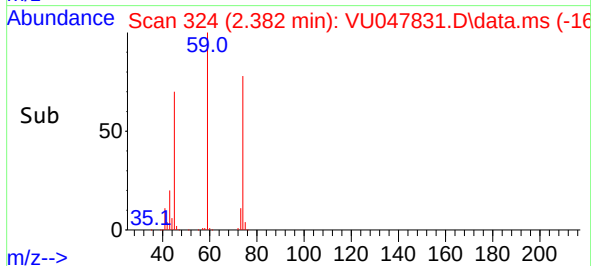
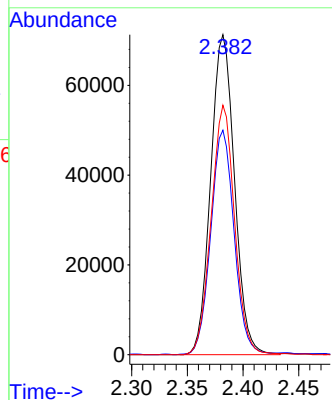
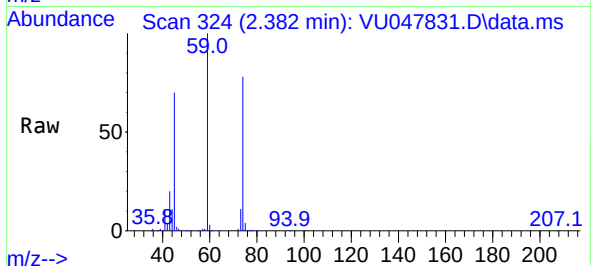




#23  
Diethyl Ether  
Concen: 9.640 ug/l  
RT: 2.382 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

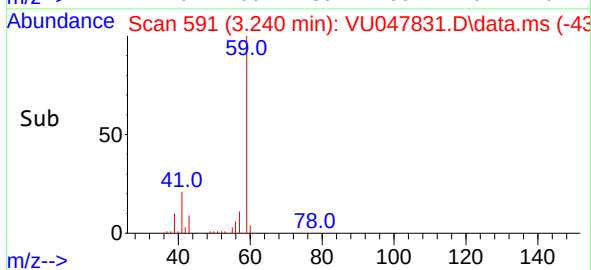
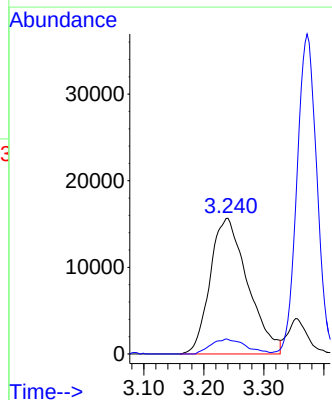
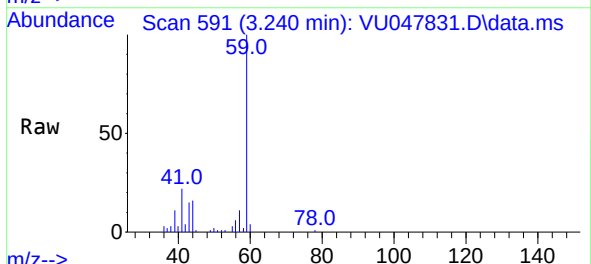
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

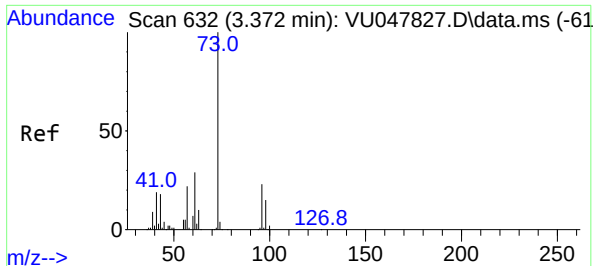
Tgt Ion: 59 Resp: 105953  
Ion Ratio Lower Upper  
59 100  
45 69.0 55.8 83.6  
74 76.9 60.6 91.0



#24  
tert-Butyl Alcohol  
Concen: 55.757 ug/l  
RT: 3.240 min Scan# 591  
Delta R.T. 0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 59 Resp: 68170  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.4 12.6

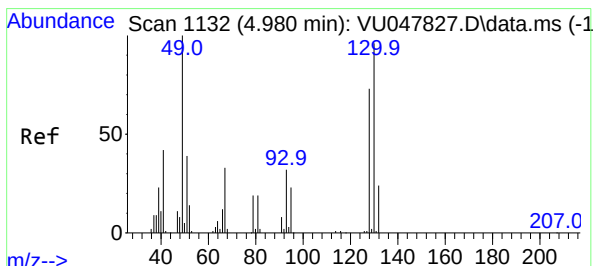
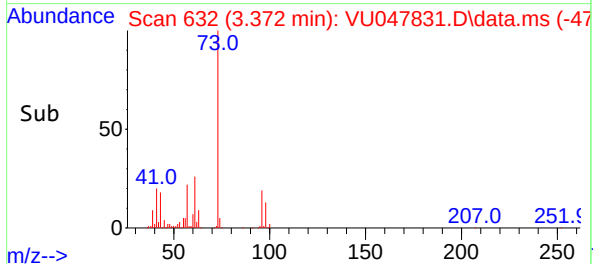
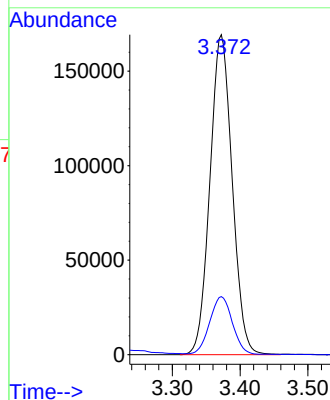
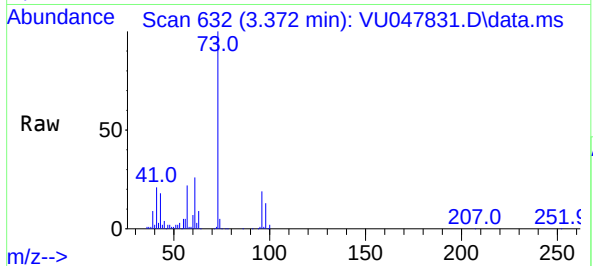




#25  
Methyl tert-Butyl Ether  
Concen: 10.516 ug/l  
RT: 3.372 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

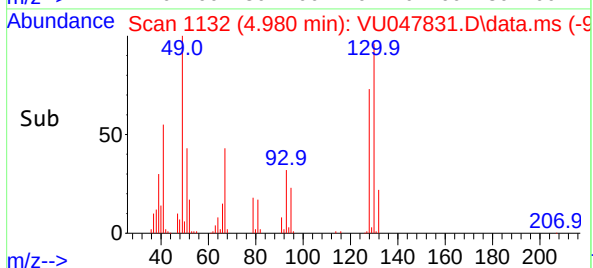
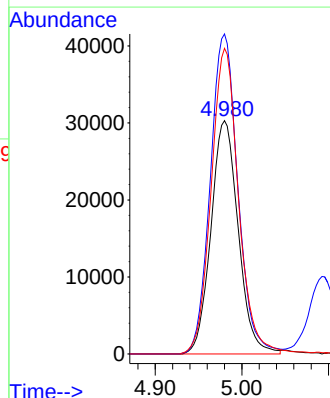
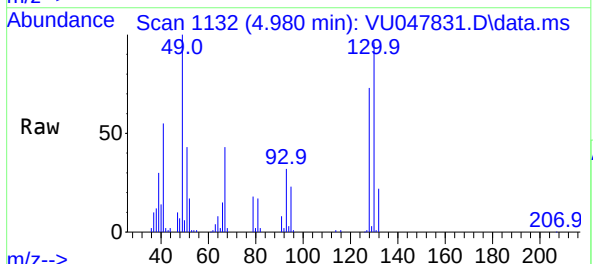
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion: 73 Resp: 385712  
Ion Ratio Lower Upper  
73 100  
43 18.4 15.2 22.8

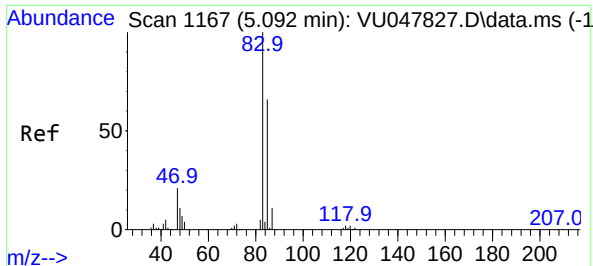


#26  
Bromochloromethane  
Concen: 8.015 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 128 Resp: 66254  
Ion Ratio Lower Upper  
128 100  
49 138.6 0.0 268.4  
130 132.0 102.9 154.3







#27

Chloroform

Concen: 10.546 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

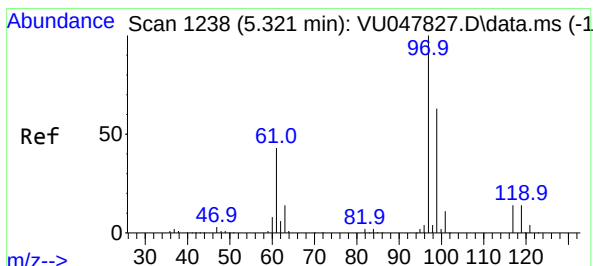
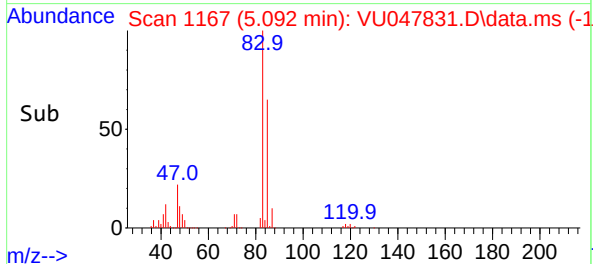
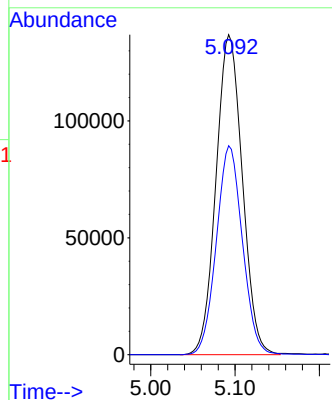
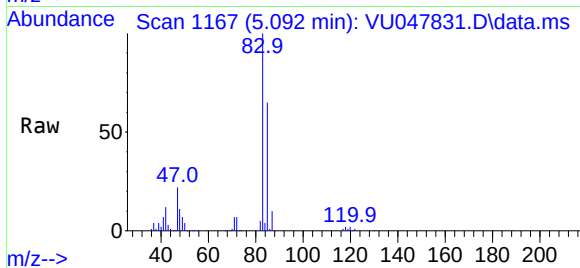
ICVVU040622

Tgt Ion: 83 Resp: 296969

Ion Ratio Lower Upper

83 100

85 65.3 0.0 131.6



#28

1,1,1-Trichloroethane

Concen: 10.253 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

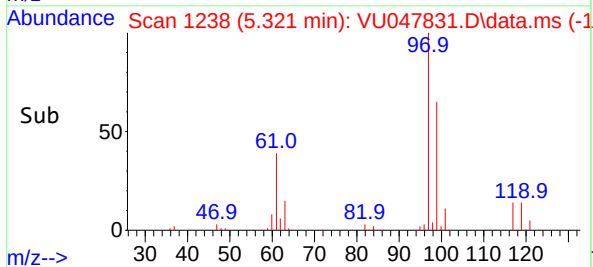
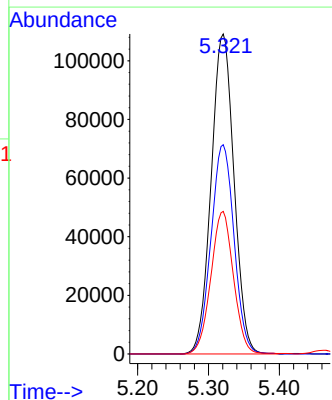
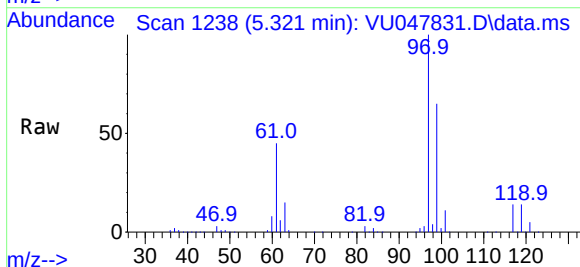
Tgt Ion: 97 Resp: 244248

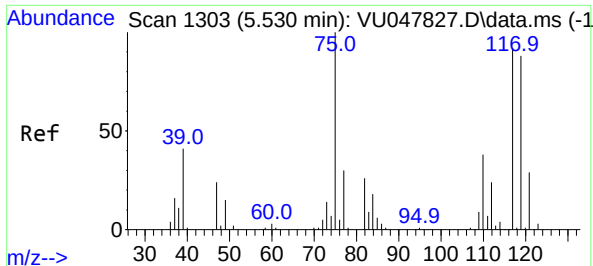
Ion Ratio Lower Upper

97 100

99 66.3 31.9 95.5

61 44.0 21.8 65.4

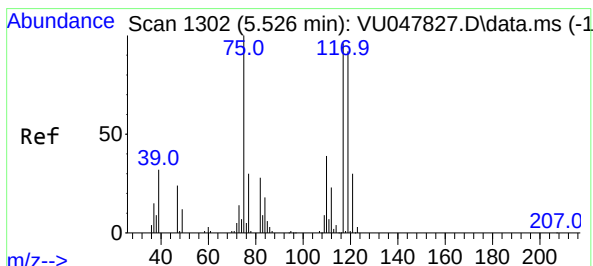
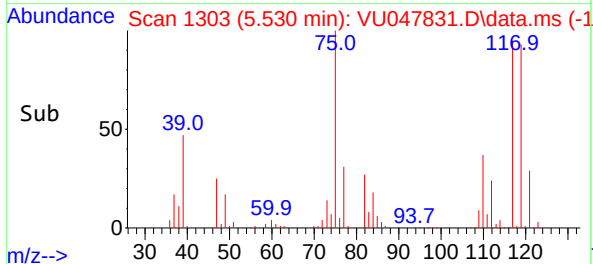
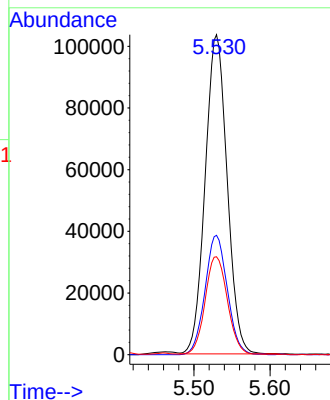
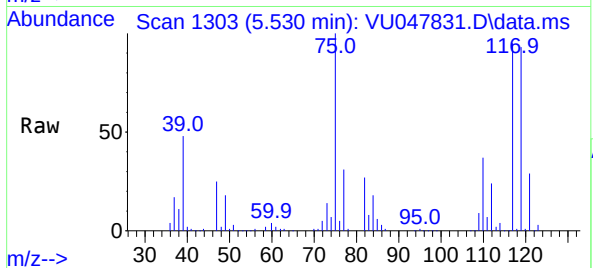




#29  
1,1-Dichloropropene  
Concen: 10.306 ug/l  
RT: 5.530 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

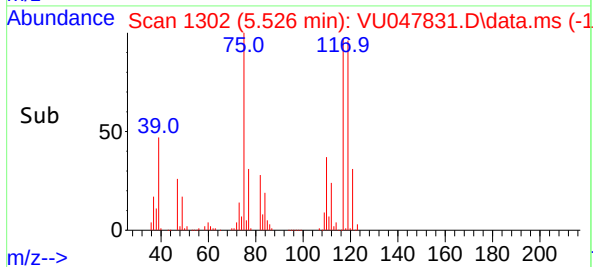
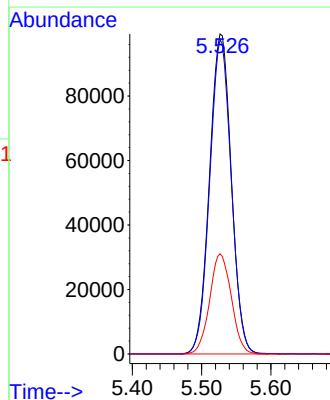
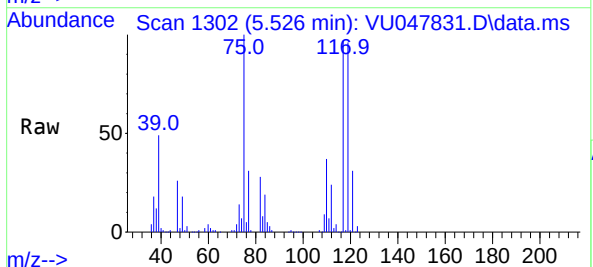
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

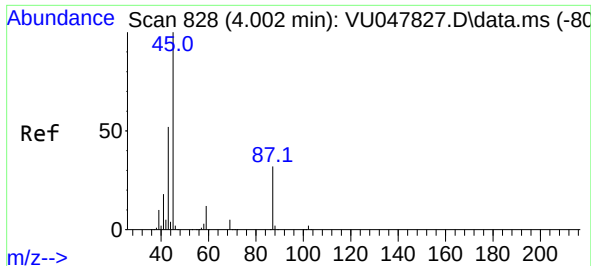
Tgt Ion: 75 Resp: 207567  
Ion Ratio Lower Upper  
75 100  
110 38.0 19.1 57.5  
77 31.0 24.7 37.1



#30  
Carbon Tetrachloride  
Concen: 10.457 ug/l  
RT: 5.526 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 117 Resp: 216741  
Ion Ratio Lower Upper  
117 100  
119 98.2 77.2 115.8  
121 31.3 25.0 37.6

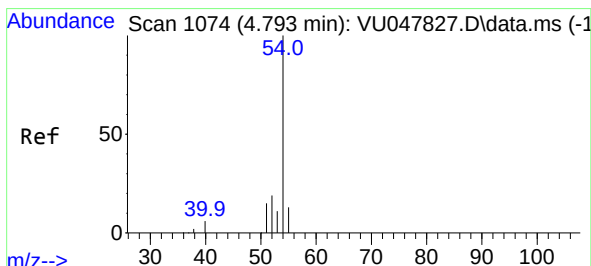
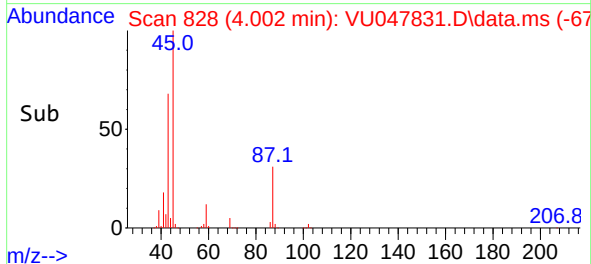
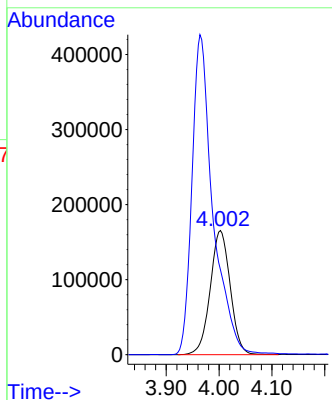
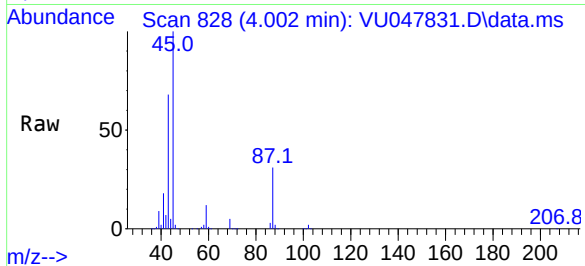




#31  
Isopropyl Ether  
Concen: 11.873 ug/l  
RT: 4.002 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

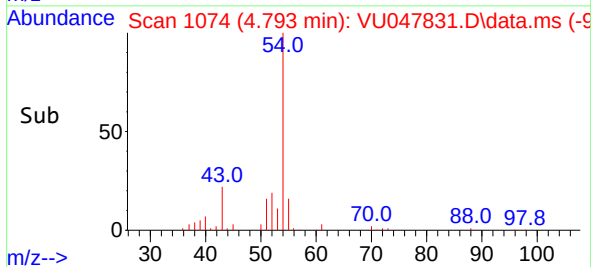
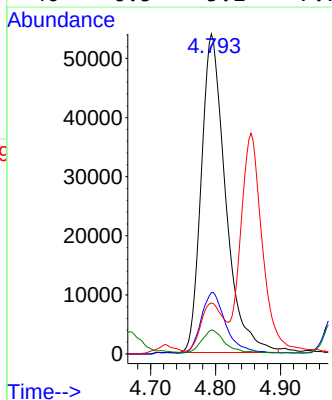
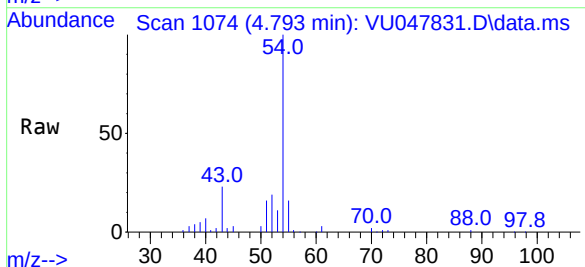
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

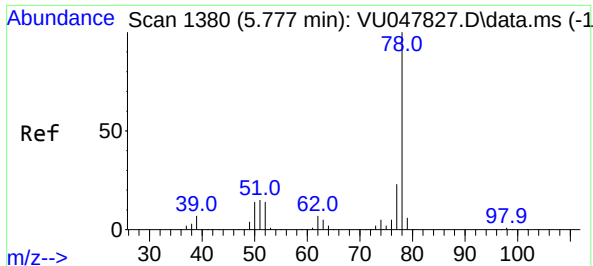
Tgt Ion: 45 Resp: 435546  
Ion Ratio Lower Upper  
45 100  
43 269.8 26.1 78.2#



#34  
Propionitrile  
Concen: 110.742 ug/l  
RT: 4.793 min Scan# 1074  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 54 Resp: 140008  
Ion Ratio Lower Upper  
54 100  
52 19.3 16.2 24.4  
55 14.4 11.0 16.6  
40 6.5 5.1 7.7





#35

Benzene

Concen: 10.327 ug/l

RT: 5.777 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

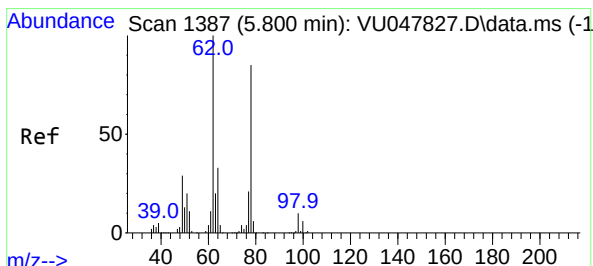
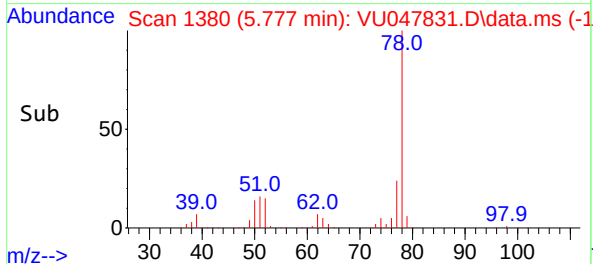
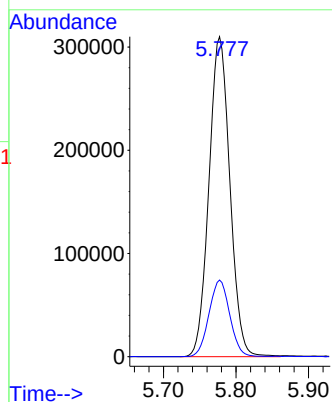
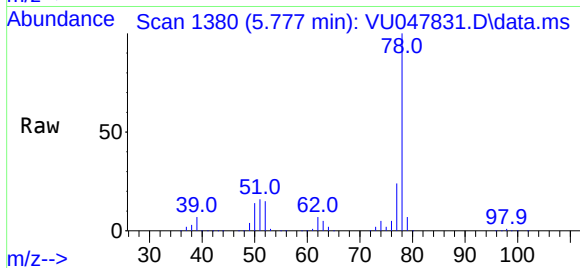
ICVVU040622

Tgt Ion: 78 Resp: 621333

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1



#36

1,2-Dichloroethane

Concen: 10.501 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047831.D

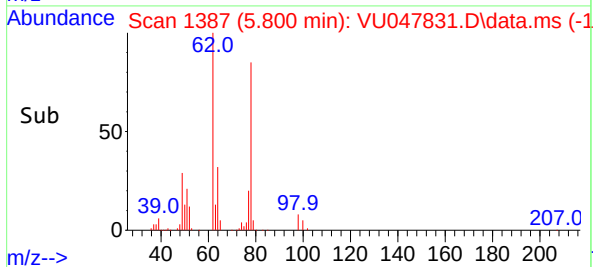
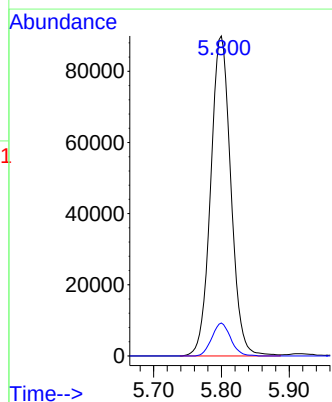
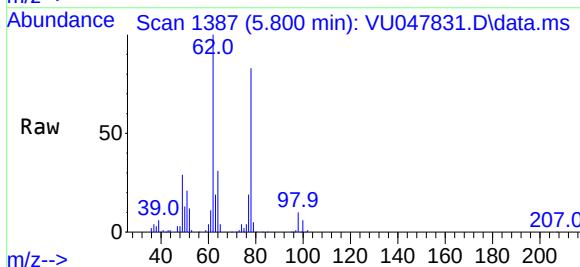
Acq: 06 Apr 2022 15:37

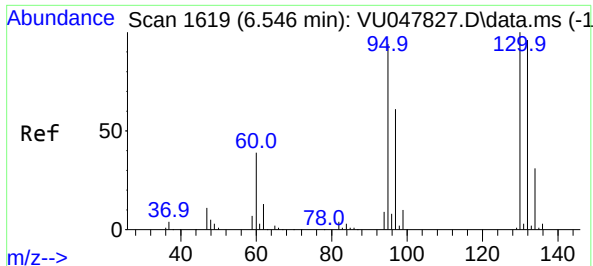
Tgt Ion: 62 Resp: 185968

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5

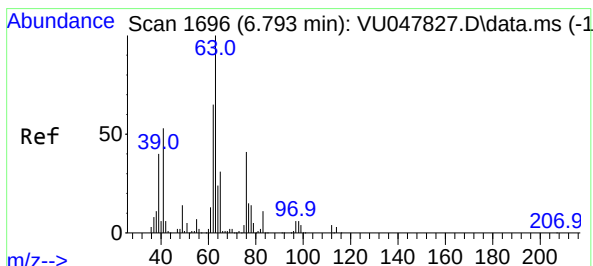
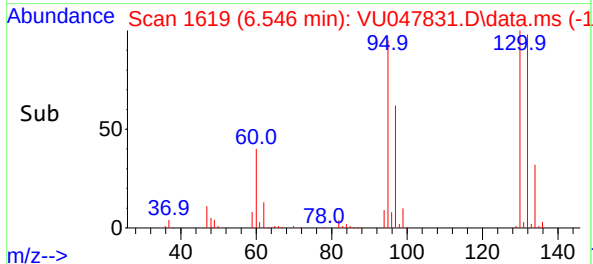
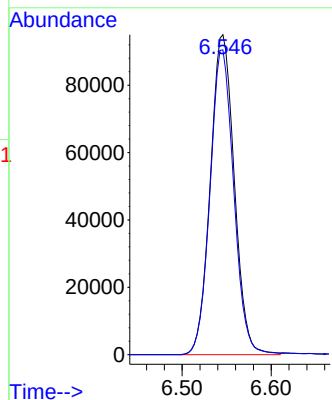
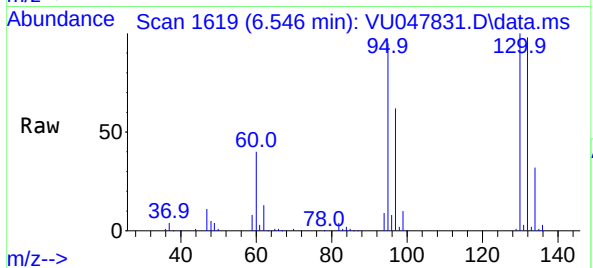




#37  
Trichloroethene  
Concen: 10.162 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

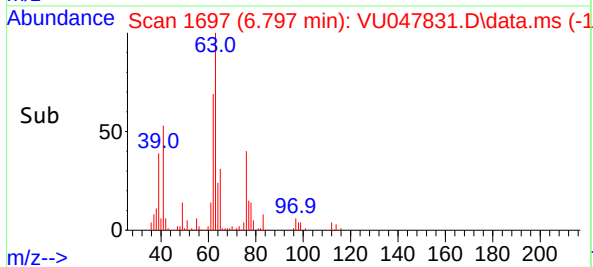
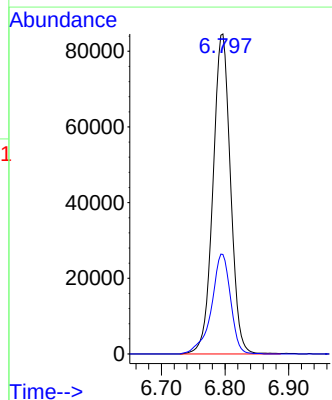
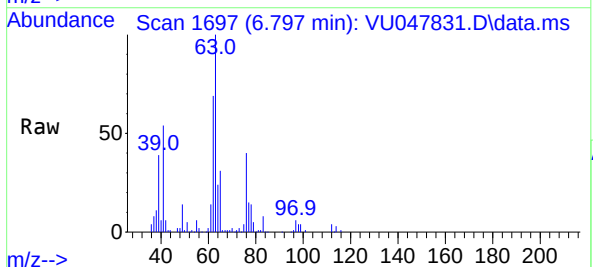
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

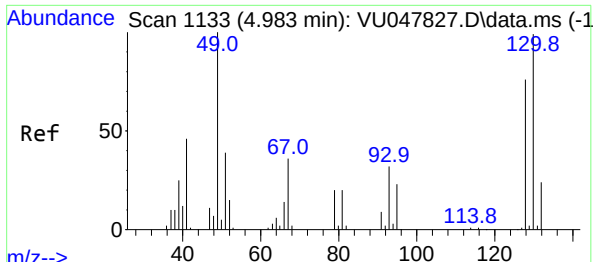
Tgt Ion:130 Resp: 177440  
Ion Ratio Lower Upper  
130 100  
95 95.2 75.4 113.2



#38  
1,2-Dichloropropane  
Concen: 10.574 ug/l  
RT: 6.797 min Scan# 1697  
Delta R.T. 0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 63 Resp: 161826  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.9 37.3



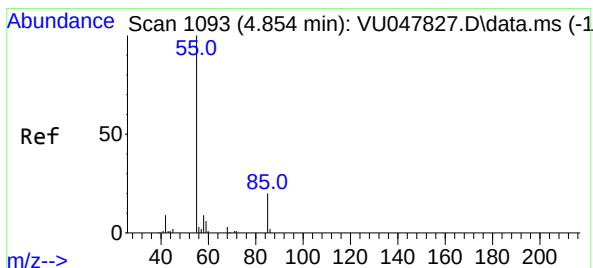
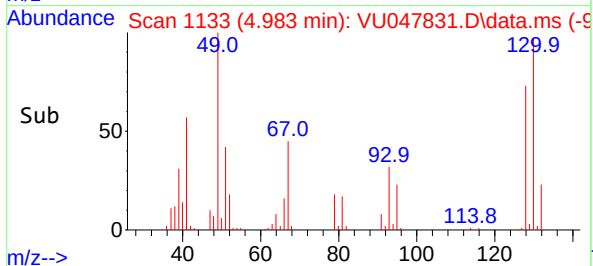
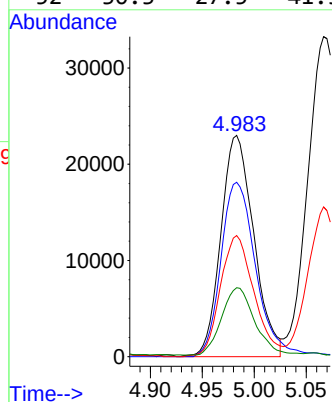
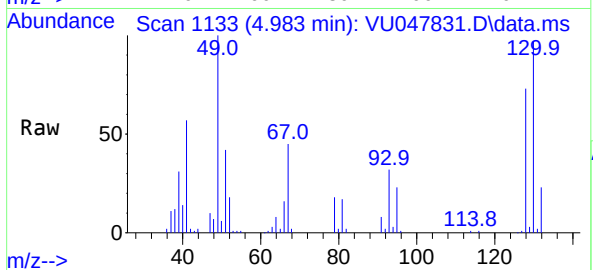


#39  
Methacrylonitrile  
Concen: 11.276 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion: 41 Resp: 50741

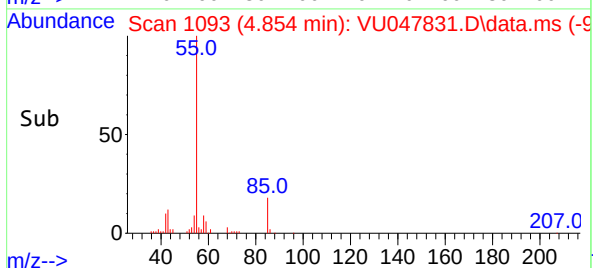
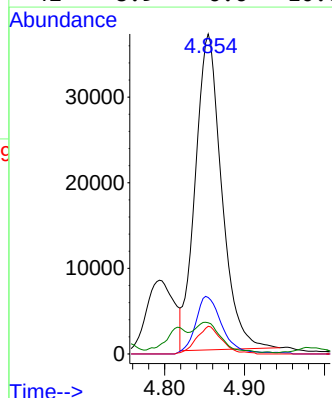
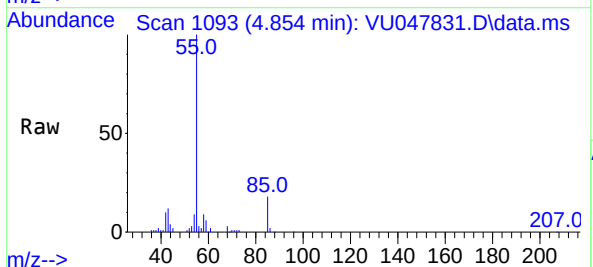
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 84.7  | 65.3  | 97.9  |
| 39  | 56.0  | 43.6  | 65.4  |
| 52  | 30.3  | 27.5  | 41.3  |

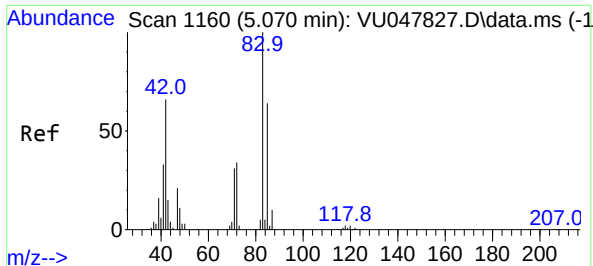


#40  
Methyl acrylate  
Concen: 11.538 ug/l  
RT: 4.854 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 55 Resp: 84764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 18.2  | 14.6  | 21.8  |
| 58  | 8.5   | 6.7   | 10.1  |
| 42  | 8.9   | 6.6   | 10.0  |





#41

Tetrahydrofuran

Concen: 52.154 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. -0.003 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU040622

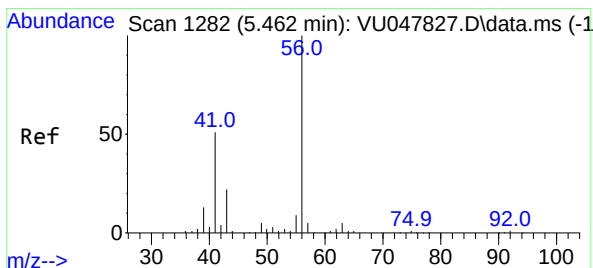
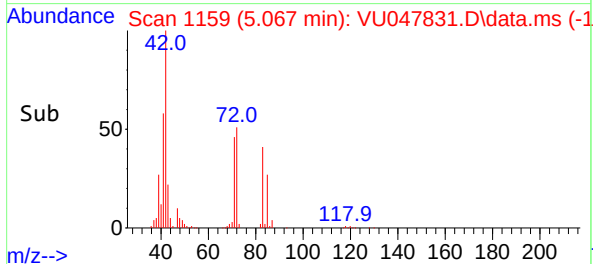
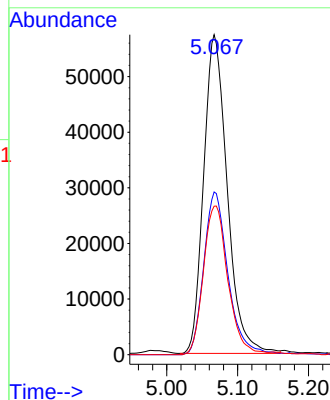
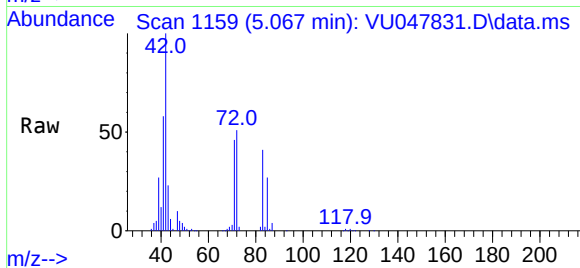
Tgt Ion: 42 Resp: 132361

Ion Ratio Lower Upper

42 100

72 52.6 43.8 65.8

71 48.5 37.4 56.0



#42

1-Chlorobutane

Concen: 10.582 ug/l

RT: 5.462 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VU047831.D

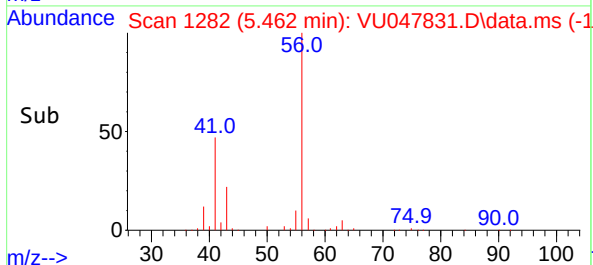
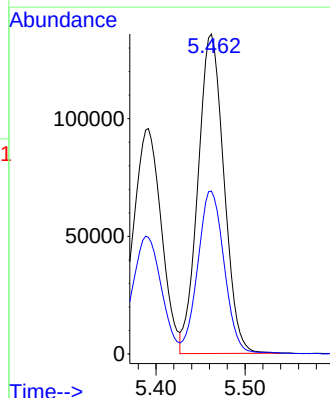
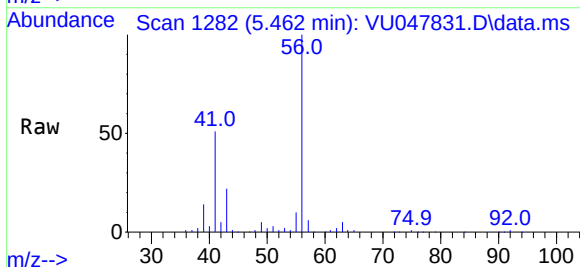
Acq: 06 Apr 2022 15:37

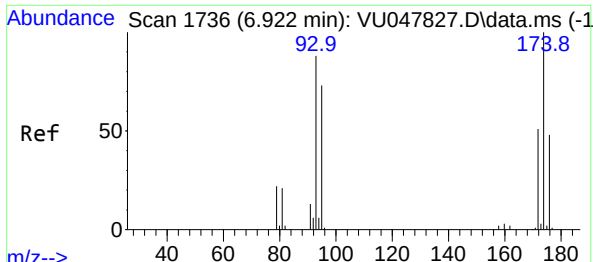
Tgt Ion: 56 Resp: 274931

Ion Ratio Lower Upper

56 100

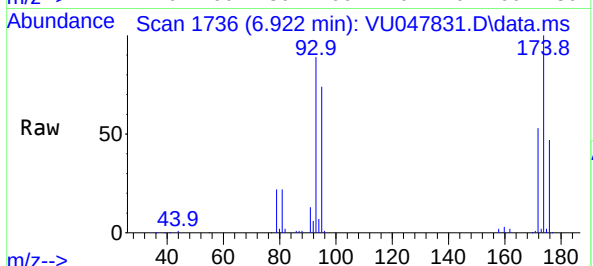
41 50.9 25.6 76.6





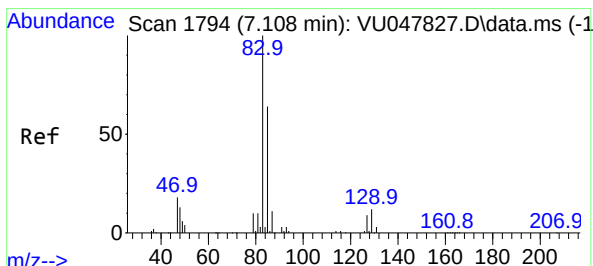
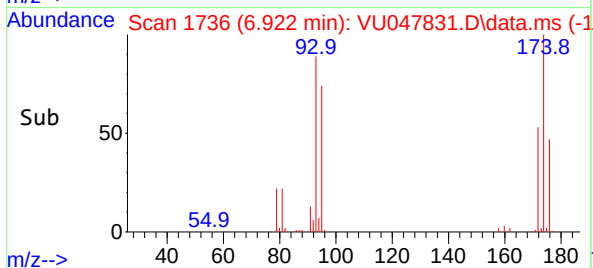
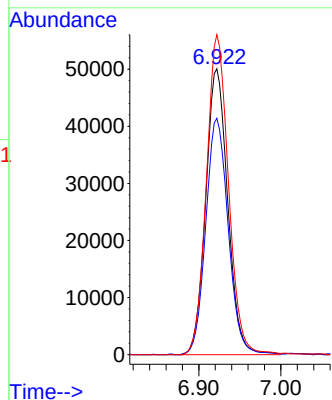
#43  
Dibromomethane  
Concen: 10.622 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622



Tgt Ion: 93 Resp: 93346

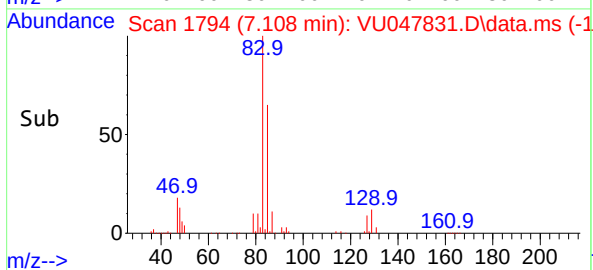
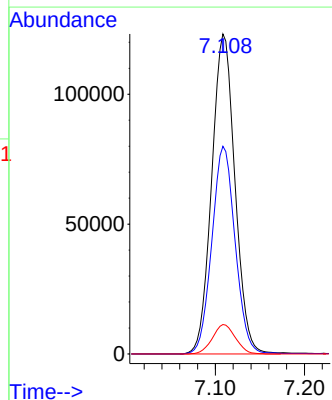
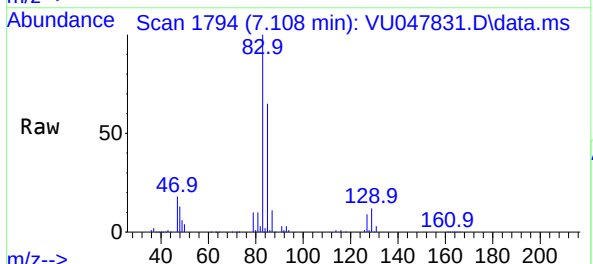
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 84.5  | 67.0  | 100.4 |
| 174 | 112.4 | 89.8  | 134.8 |



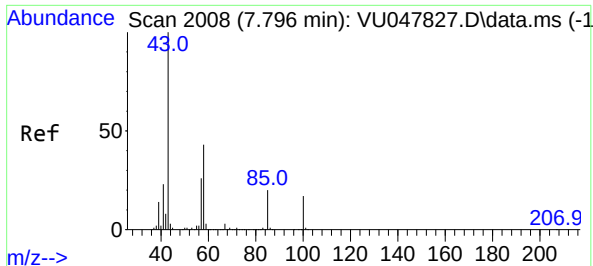
#44  
Bromodichloromethane  
Concen: 10.981 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 83 Resp: 223237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.9  | 50.8  | 76.2  |
| 127 | 9.2   | 7.4   | 11.2  |







#45

4-Methyl-2-Pentanone

Concen: 55.882 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU040622

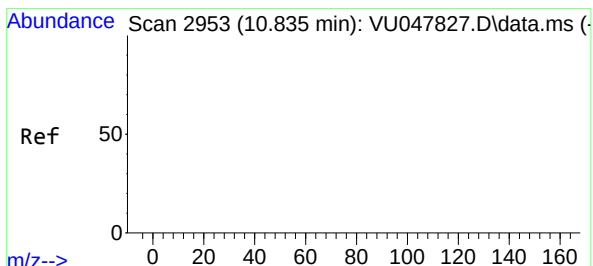
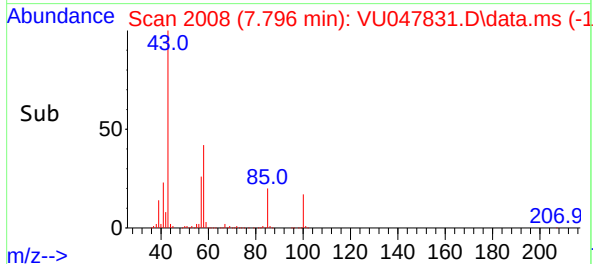
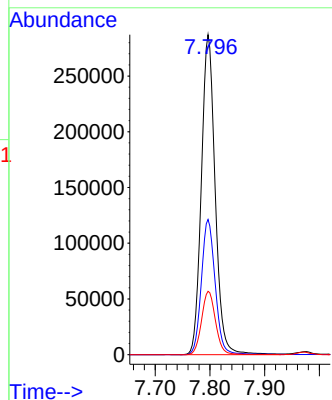
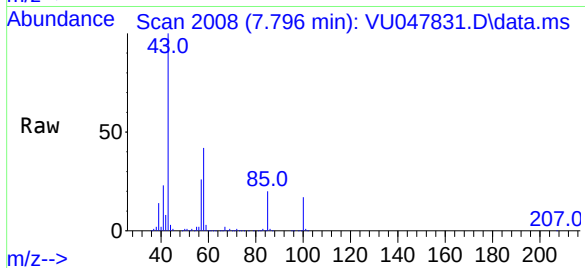
Tgt Ion: 43 Resp: 503815

Ion Ratio Lower Upper

43 100

58 42.2 21.1 63.4

85 20.0 16.2 24.2



#46

t-1,4-Dichloro-2-butene

Concen: 18.269 ug/l m

RT: 10.829 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Tgt Ion: 75 Resp: 77797

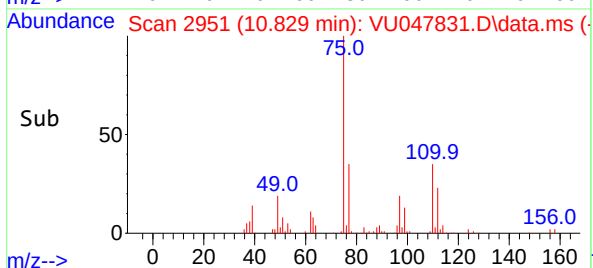
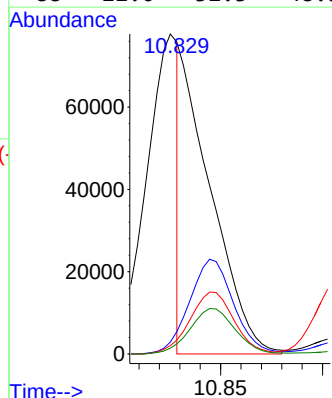
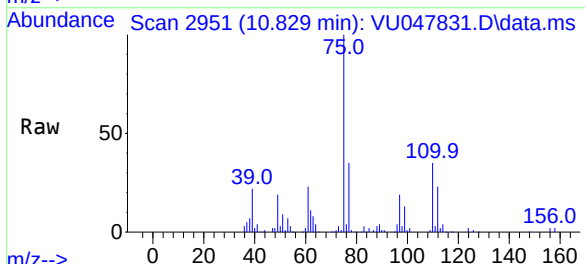
Ion Ratio Lower Upper

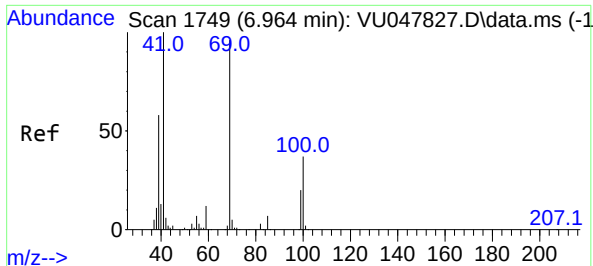
75 100

53 44.7 63.4 95.2#

89 29.4 43.6 65.4#

88 22.0 32.3 48.5#





#47

Methyl methacrylate

Concen: 10.886 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU040622

Tgt Ion: 69 Resp: 76710

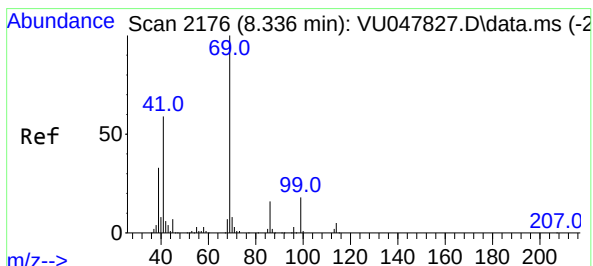
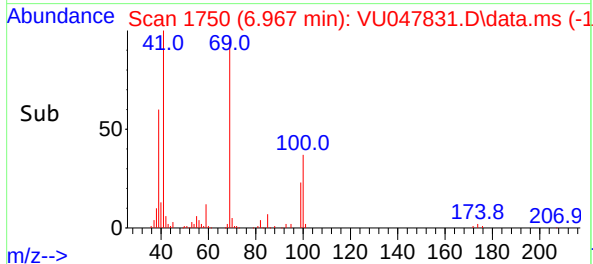
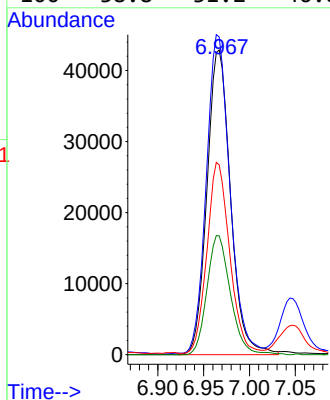
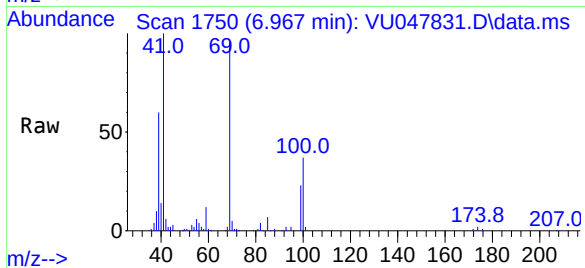
Ion Ratio Lower Upper

69 100

41 104.7 0.0 205.0

39 60.3 47.9 71.9

100 38.8 31.2 46.8



#48

Ethyl methacrylate

Concen: 11.699 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047831.D

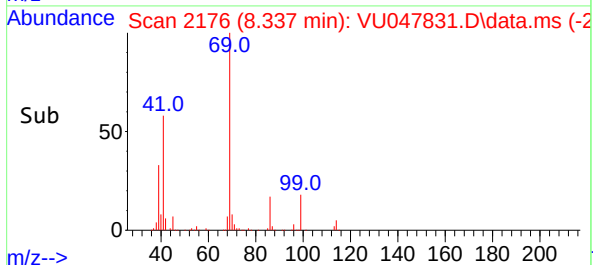
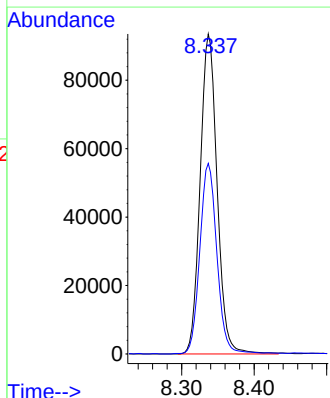
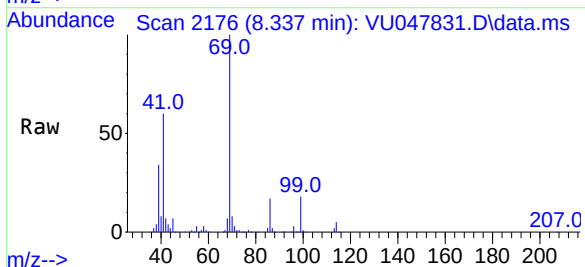
Acq: 06 Apr 2022 15:37

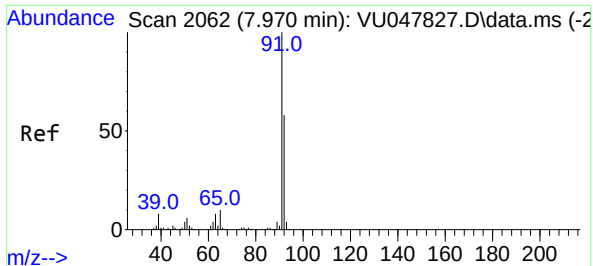
Tgt Ion: 69 Resp: 151826

Ion Ratio Lower Upper

69 100

41 59.9 29.8 89.4





#49

Toluene

Concen: 11.044 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

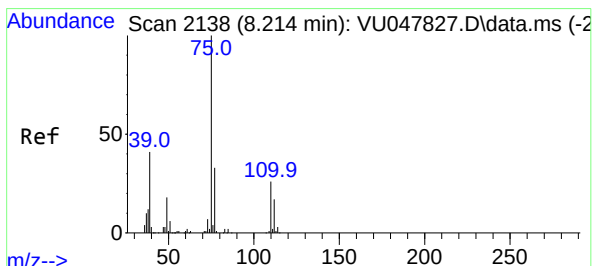
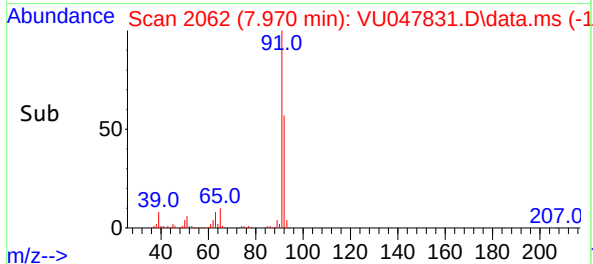
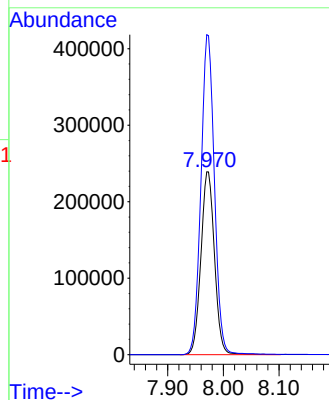
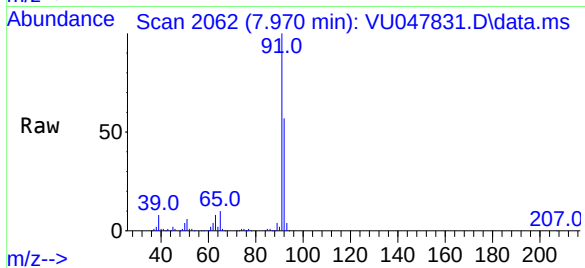
ICVVU040622

Tgt Ion: 92 Resp: 404393

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0



#50

t-1,3-Dichloropropene

Concen: 11.529 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047831.D

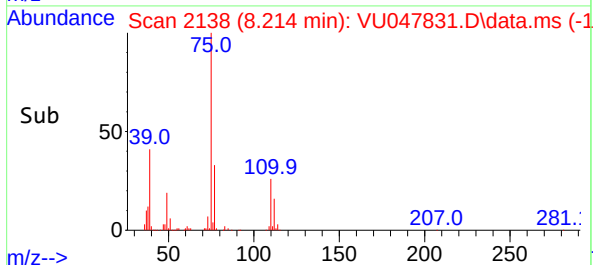
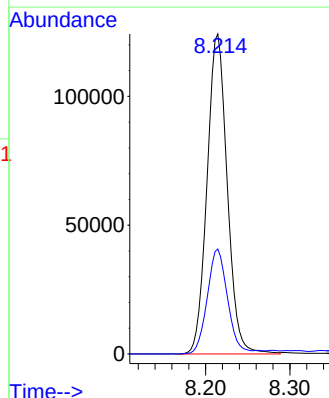
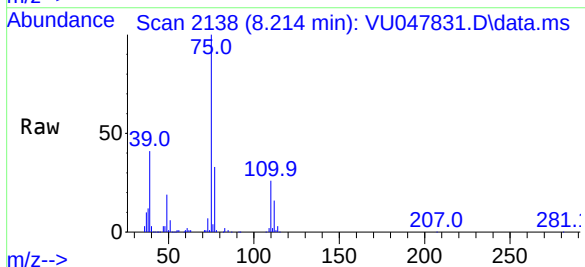
Acq: 06 Apr 2022 15:37

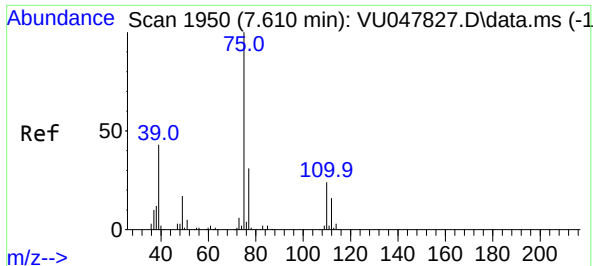
Tgt Ion: 75 Resp: 207069

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

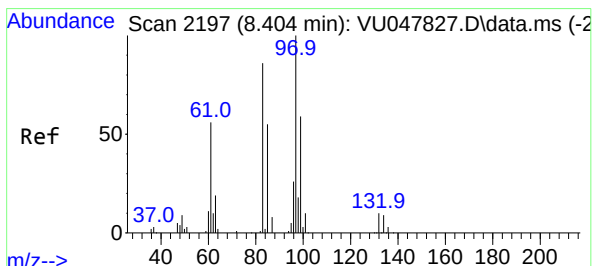
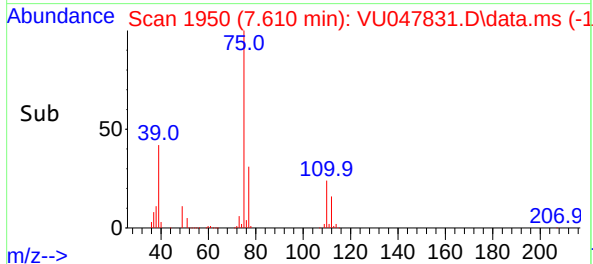
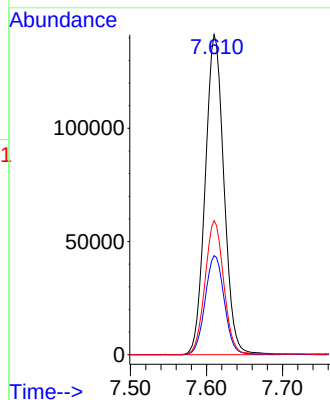
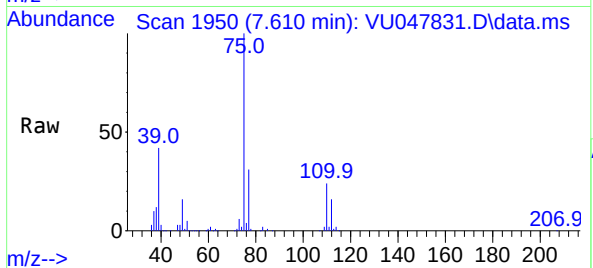




#51  
cis-1,3-Dichloropropene  
Concen: 11.707 ug/l  
RT: 7.610 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

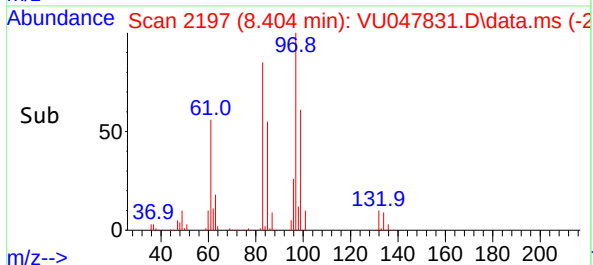
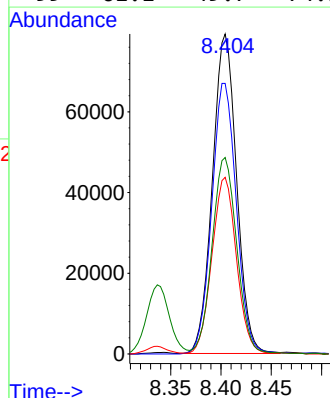
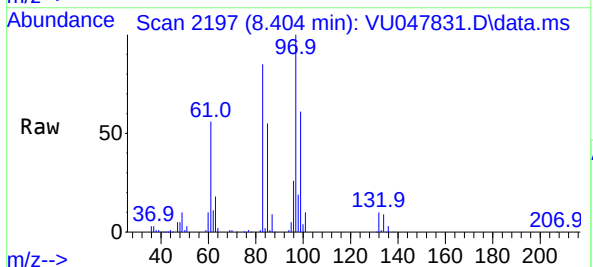
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

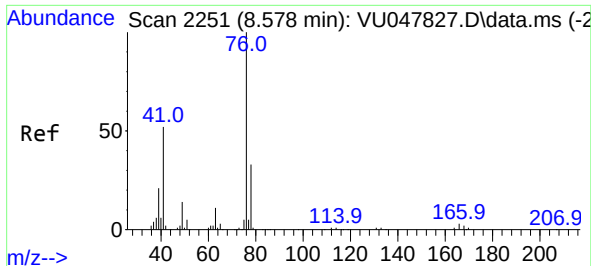
Tgt Ion: 75 Resp: 241949  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.1 37.7  
39 41.9 34.2 51.4



#52  
1,1,2-Trichloroethane  
Concen: 10.663 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 97 Resp: 132422  
Ion Ratio Lower Upper  
97 100  
83 84.7 68.8 103.2  
85 55.0 44.2 66.4  
99 61.1 49.7 74.5





#53

1,3-Dichloropropane

Concen: 10.717 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

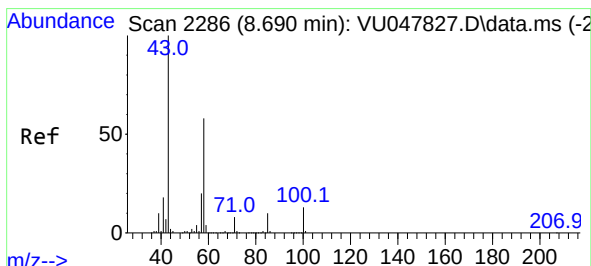
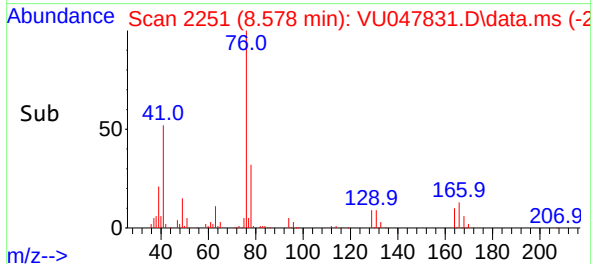
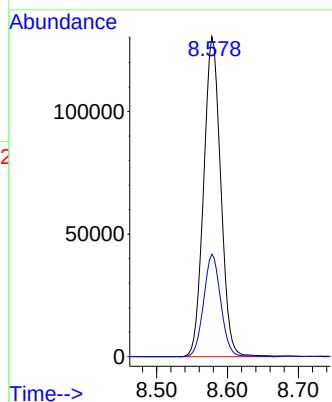
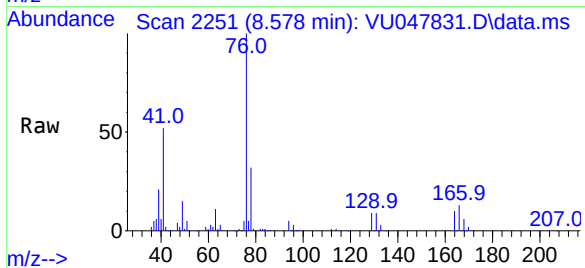
ICVVU040622

Tgt Ion: 76 Resp: 218189

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#54

2-Hexanone

Concen: 59.579 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

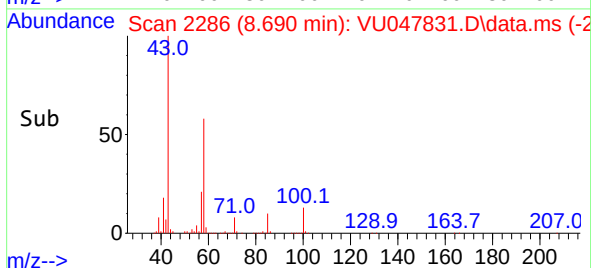
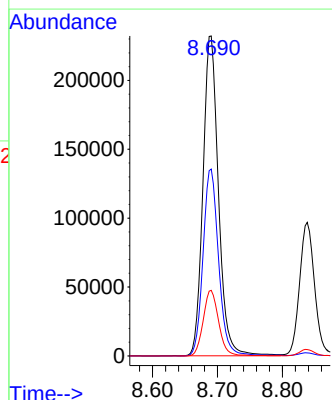
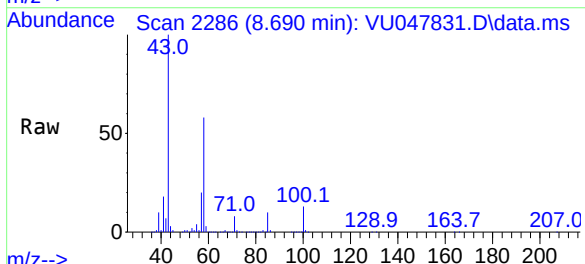
Tgt Ion: 43 Resp: 386216

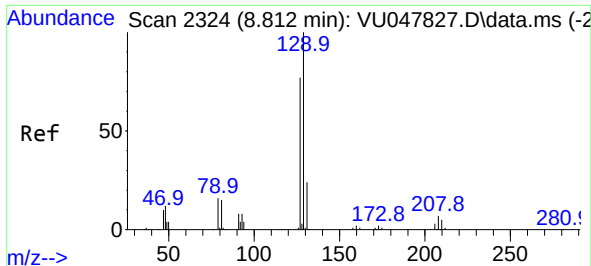
Ion Ratio Lower Upper

43 100

58 58.7 37.9 77.9

57 20.4 0.0 39.5

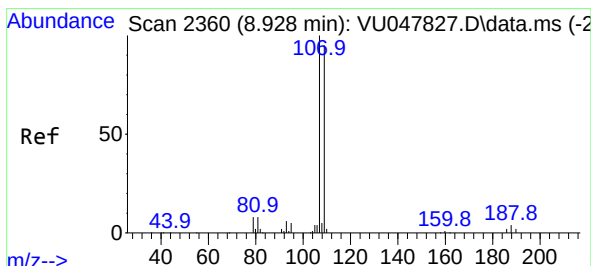
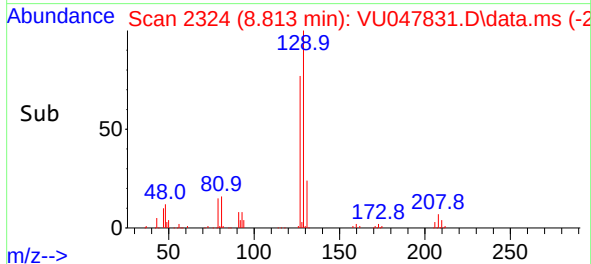
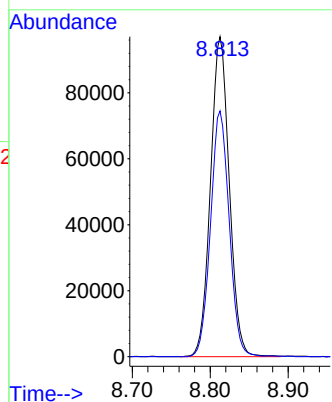
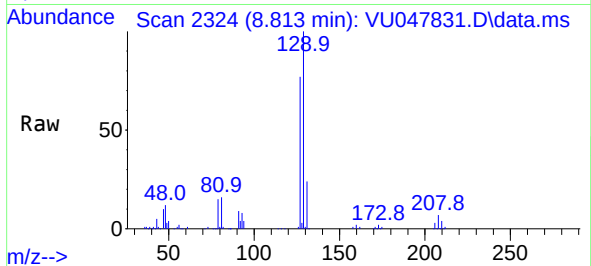




#55  
Dibromochloromethane  
Concen: 10.960 ug/l  
RT: 8.813 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

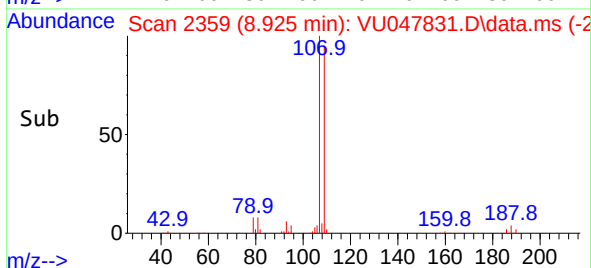
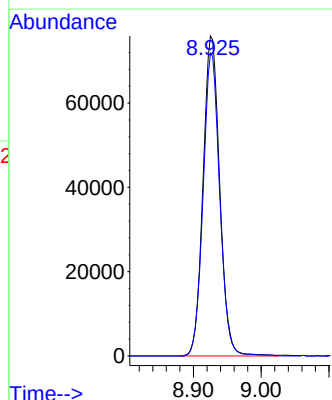
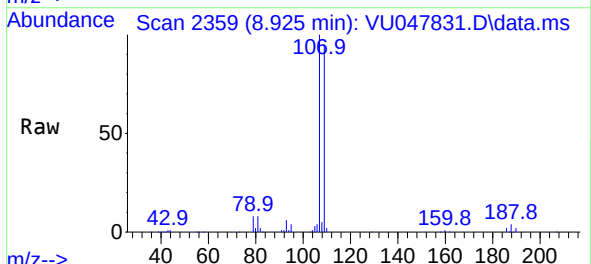
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

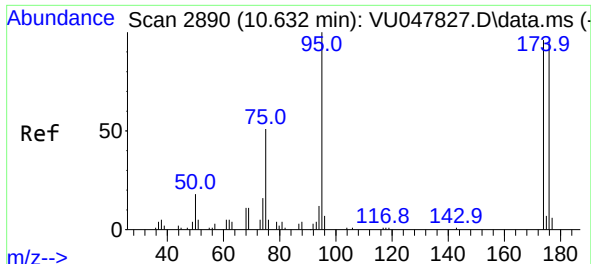
Tgt Ion:129 Resp: 162314  
Ion Ratio Lower Upper  
129 100  
127 76.3 61.8 92.8



#56  
1,2-Dibromoethane  
Concen: 10.922 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:107 Resp: 129533  
Ion Ratio Lower Upper  
107 100  
109 94.0 0.0 186.8

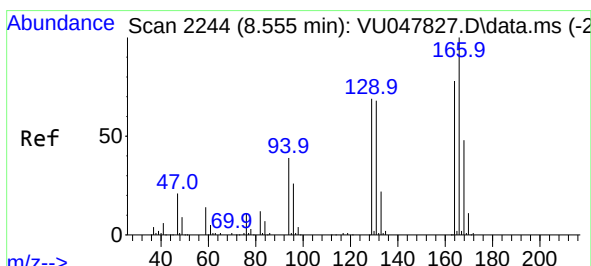
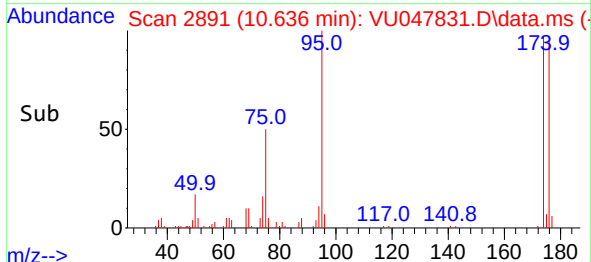
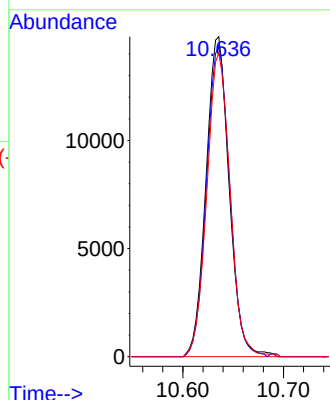
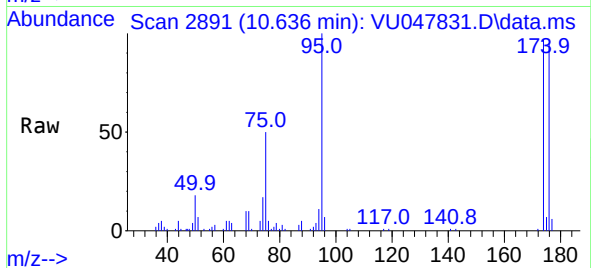




#57  
4-Bromofluorobenzene  
Concen: 1.204 ug/l  
RT: 10.636 min Scan# 2890  
Delta R.T. 0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

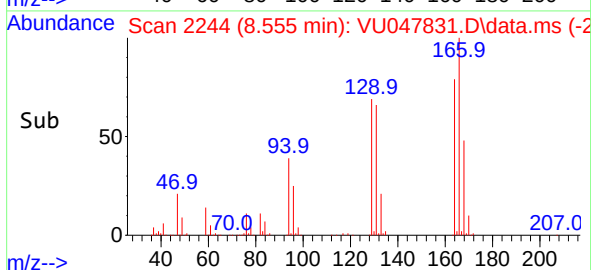
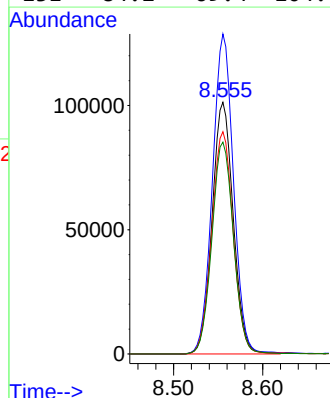
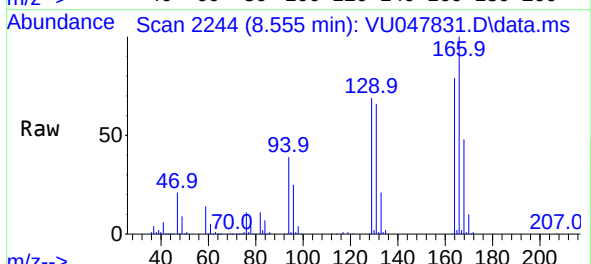
Instrument : MSVOA\_U  
ClientSampleId : ICVVU040622

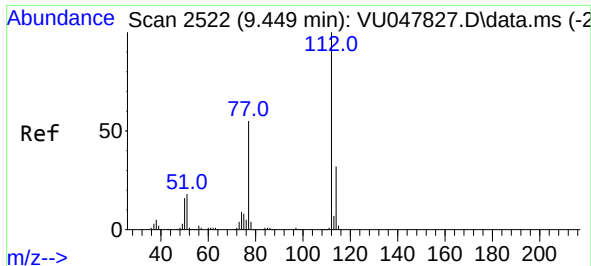
Tgt Ion: 95 Resp: 23724  
Ion Ratio Lower Upper  
95 100  
174 97.1 76.9 115.3  
176 95.0 76.4 114.6



#58  
Tetrachloroethene  
Concen: 10.671 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:164 Resp: 167019  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.6 154.0  
129 88.4 71.1 106.7  
131 84.2 69.4 104.0





#59

Chlorobenzene

Concen: 10.654 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

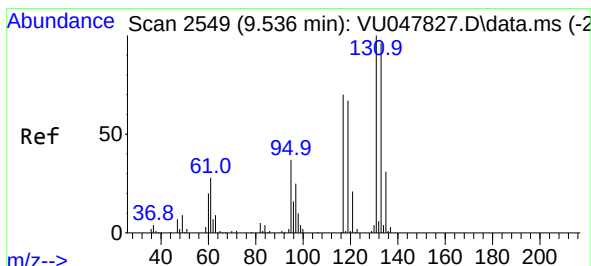
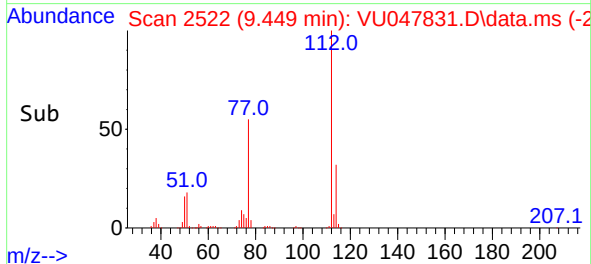
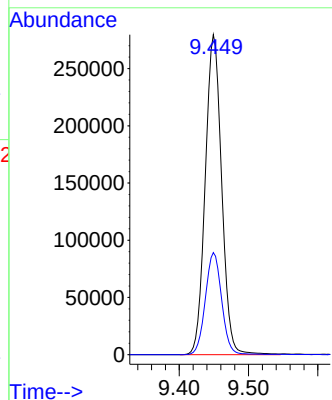
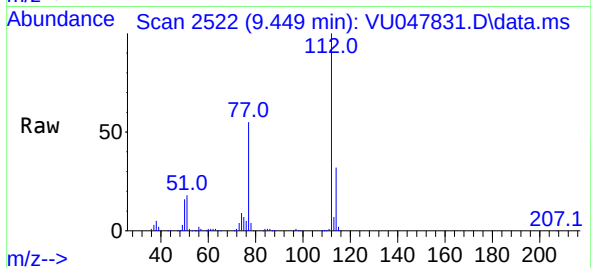
ICVVU040622

Tgt Ion:112 Resp: 459131

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#60

1,1,1,2-Tetrachloroethane

Concen: 11.018 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

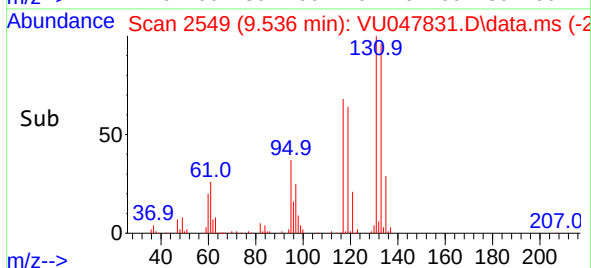
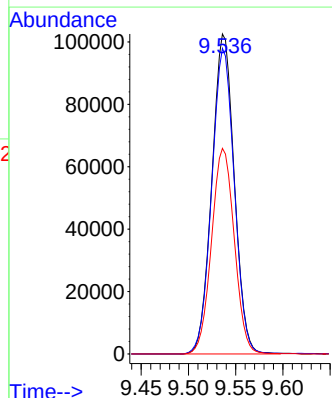
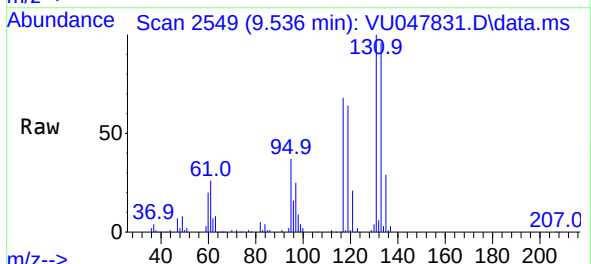
Tgt Ion:131 Resp: 168496

Ion Ratio Lower Upper

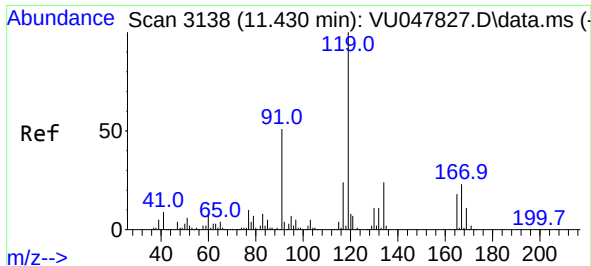
131 100

133 96.4 76.6 115.0

119 65.6 53.1 79.7



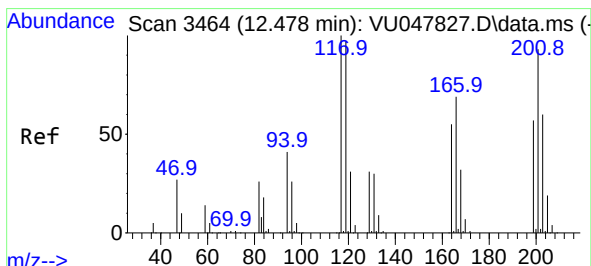
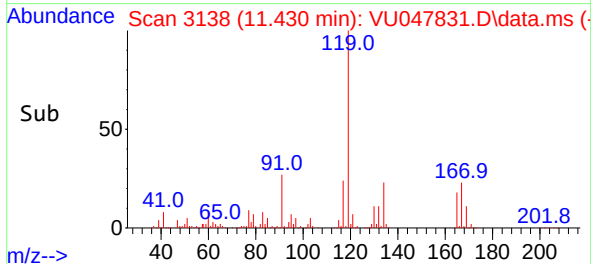
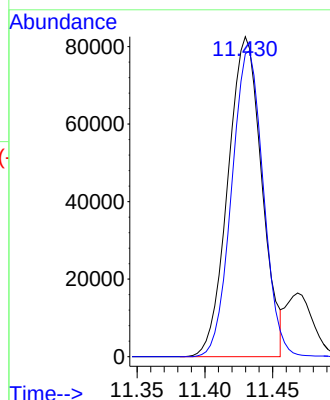
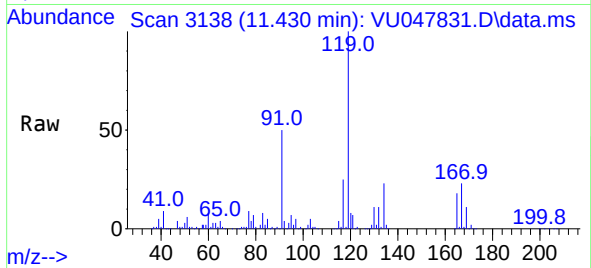




#61  
 Pentachloroethane  
 Concen: 11.266 ug/l  
 RT: 11.430 min Scan# 3138  
 Delta R.T. 0.000 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

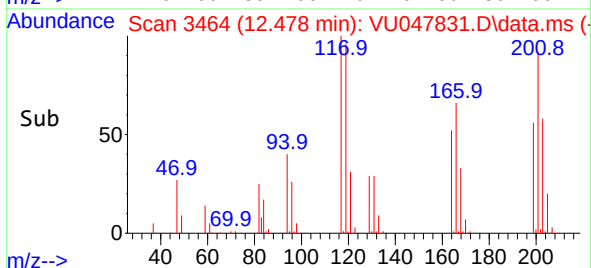
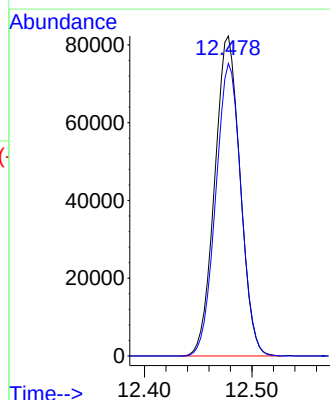
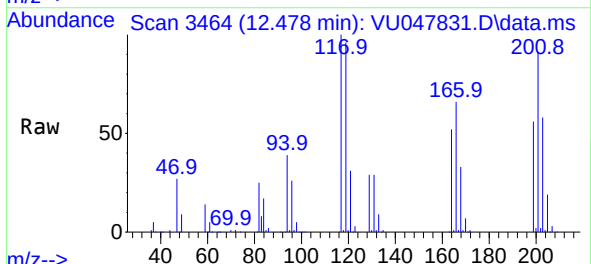
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU040622

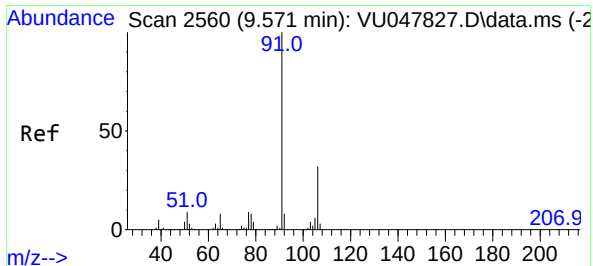
Tgt Ion:117 Resp: 143508  
 Ion Ratio Lower Upper  
 117 100  
 167 89.4 71.0 106.4



#62  
 Hexachloroethane  
 Concen: 11.646 ug/l  
 RT: 12.478 min Scan# 3464  
 Delta R.T. 0.000 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

Tgt Ion:117 Resp: 135262  
 Ion Ratio Lower Upper  
 117 100  
 201 91.1 74.8 112.2





#63

Ethyl Benzene

Concen: 11.776 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047831.D

Acq: 06 Apr 2022 15:37

Instrument :

MSVOA\_U

ClientSampleId :

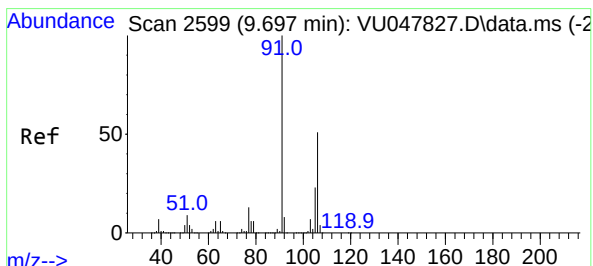
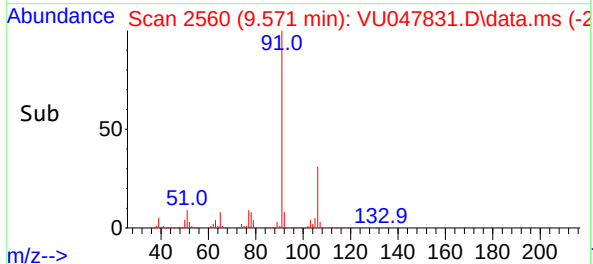
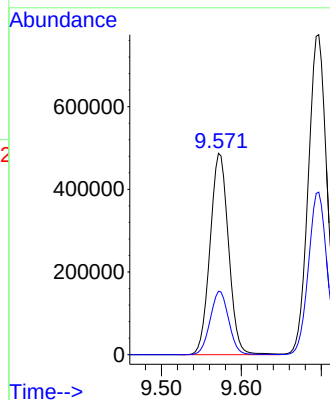
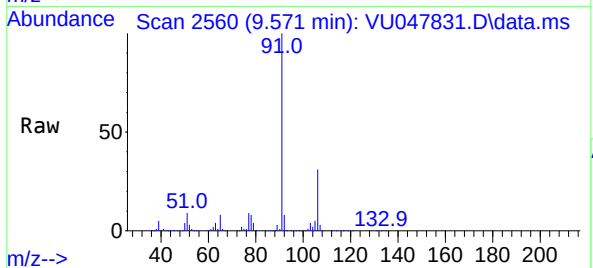
ICVVU040622

Tgt Ion: 91 Resp: 782574

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



#64

m/p-Xylenes

Concen: 24.048 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047831.D

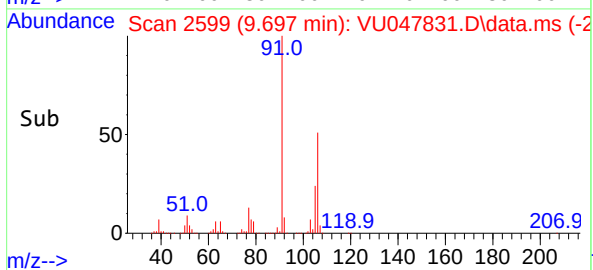
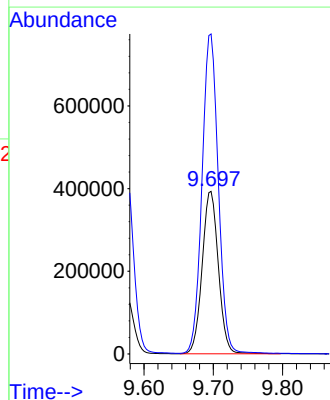
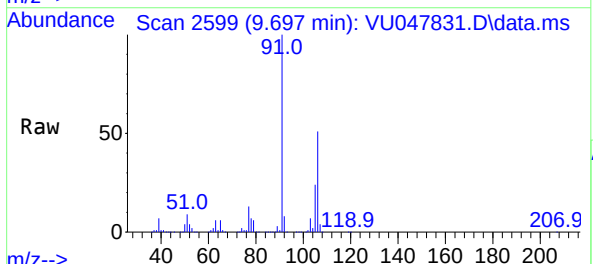
Acq: 06 Apr 2022 15:37

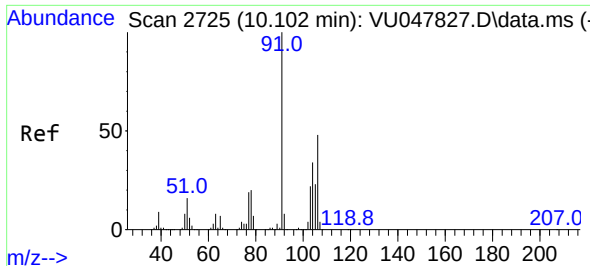
Tgt Ion: 106 Resp: 636305

Ion Ratio Lower Upper

106 100

91 199.9 158.2 237.4

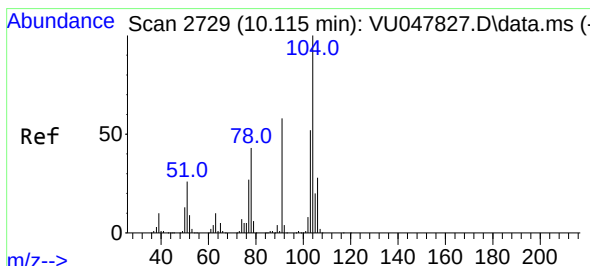
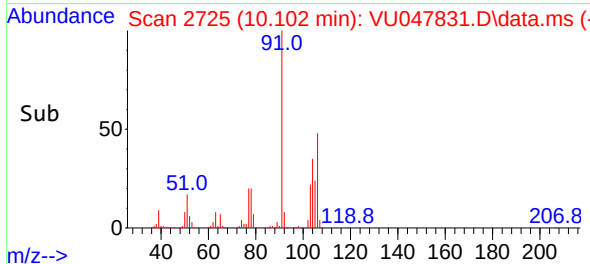
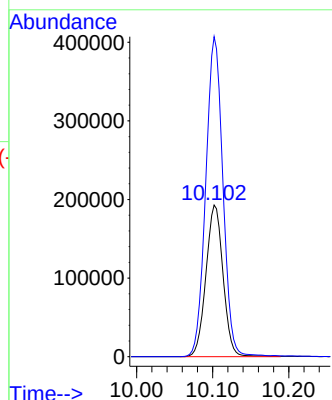
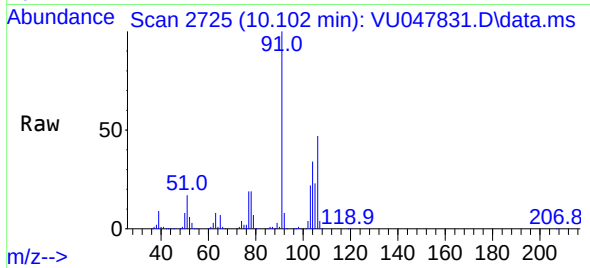




#65  
o-Xylene  
Concen: 11.929 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

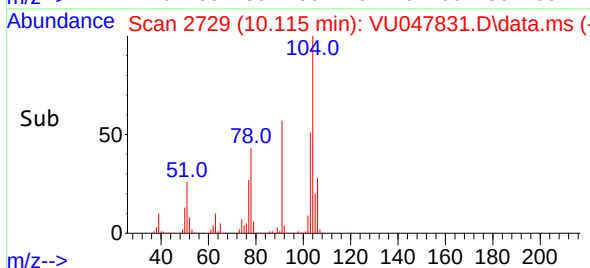
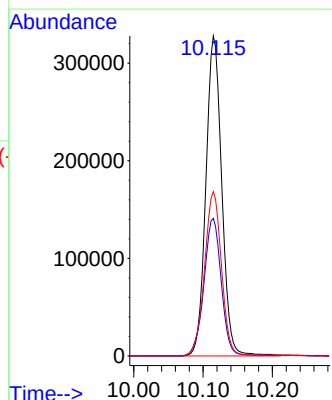
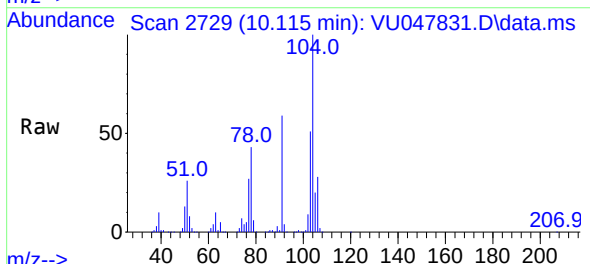
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

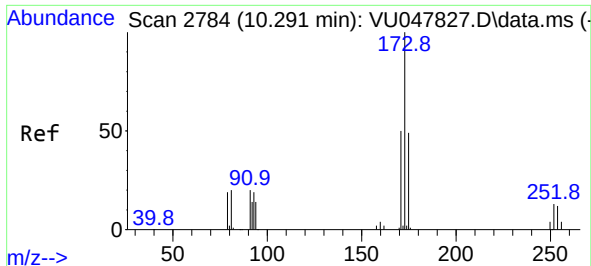
Tgt Ion:106 Resp: 301574  
Ion Ratio Lower Upper  
106 100  
91 211.2 105.4 316.2



#66  
Styrene  
Concen: 12.201 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:104 Resp: 522297  
Ion Ratio Lower Upper  
104 100  
78 46.8 37.1 55.7  
103 55.3 44.1 66.1

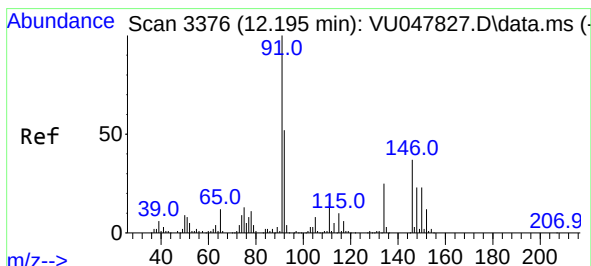
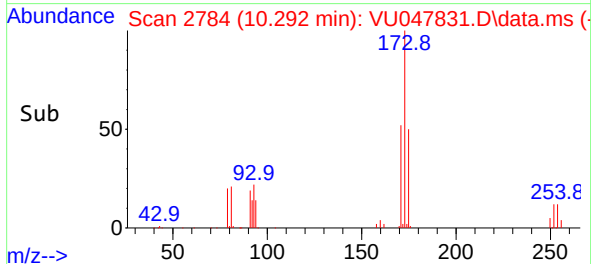
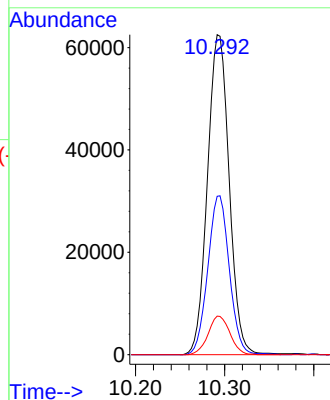
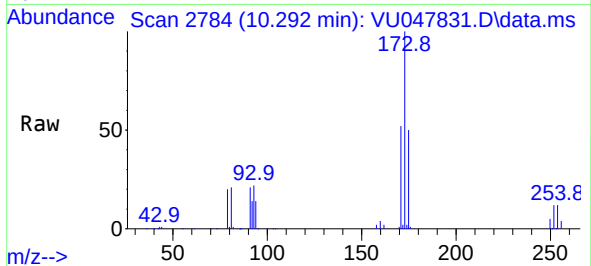




#67  
Bromoform  
Concen: 11.236 ug/l  
RT: 10.292 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

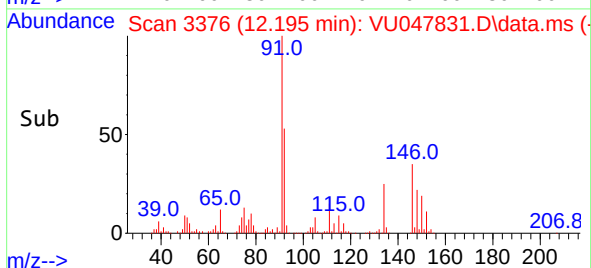
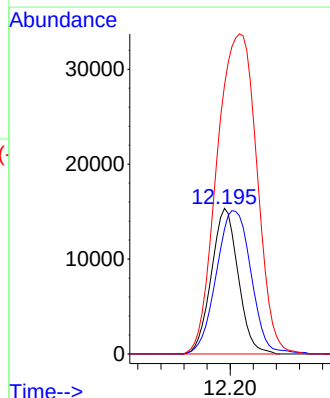
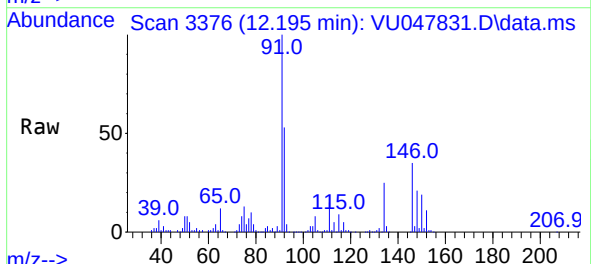
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

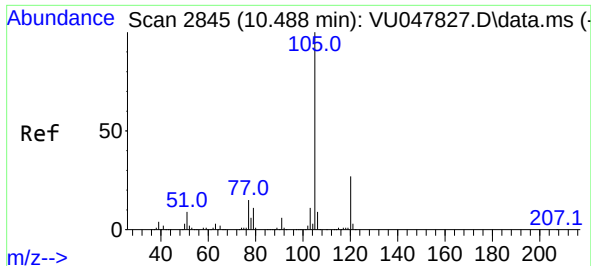
Tgt Ion:173 Resp: 105785  
Ion Ratio Lower Upper  
173 100  
175 49.2 39.0 58.4  
254 12.1 9.4 14.2



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.040 ug/l  
RT: 12.195 min Scan# 3376  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:152 Resp: 24738  
Ion Ratio Lower Upper  
152 100  
115 127.6 0.0 255.8  
150 326.6 0.0 659.8

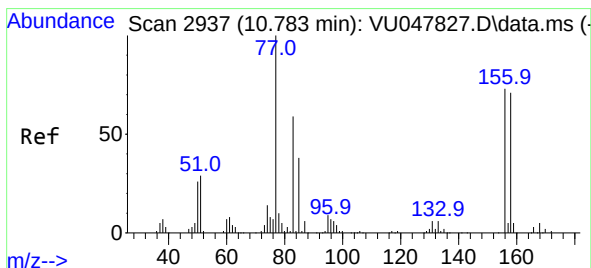
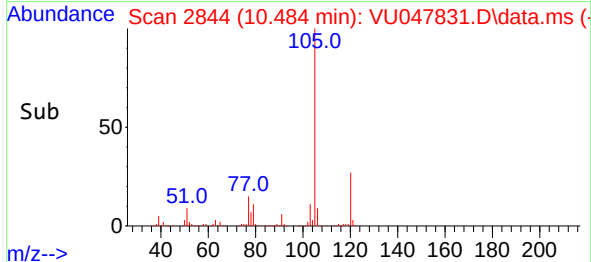
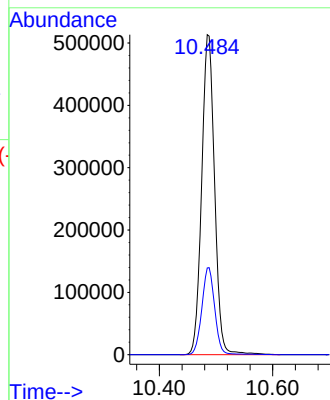
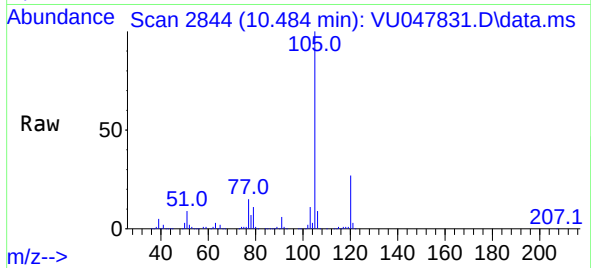




#69  
Isopropylbenzene  
Concen: 12.271 ug/l  
RT: 10.484 min Scan# 2845  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

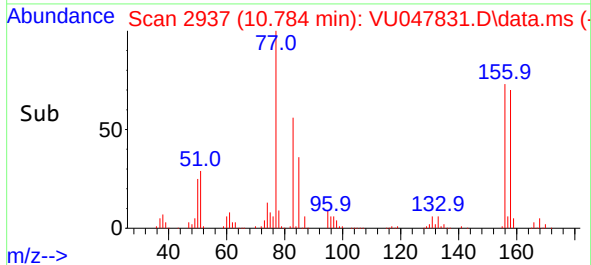
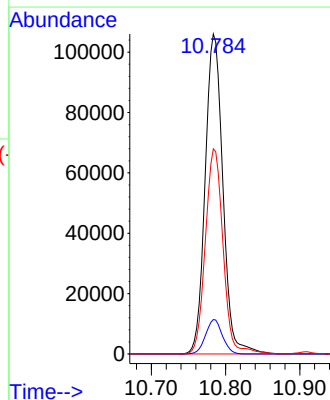
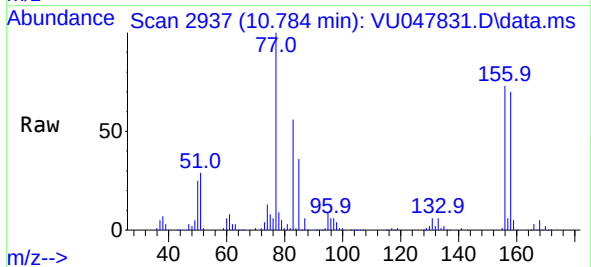
Instrument : MSVOA\_U  
ClientSampleId : ICVVU040622

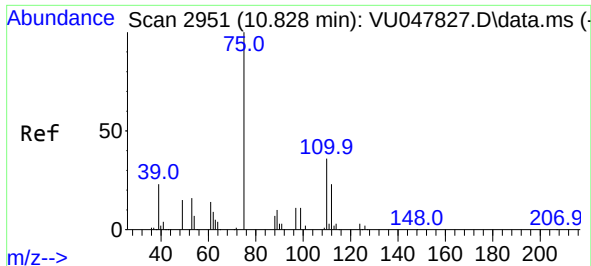
Tgt Ion:105 Resp: 811906  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.6 40.8



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.923 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 83 Resp: 175196  
Ion Ratio Lower Upper  
83 100  
131 10.2 8.2 12.4  
85 64.2 52.6 79.0



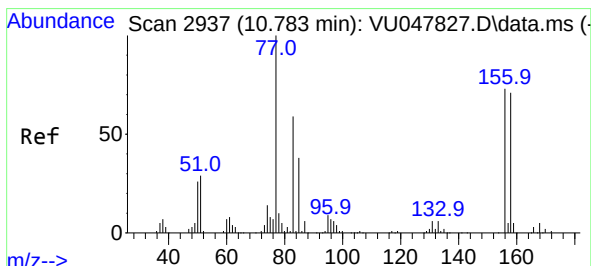
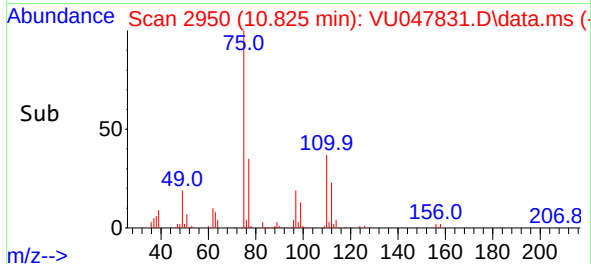
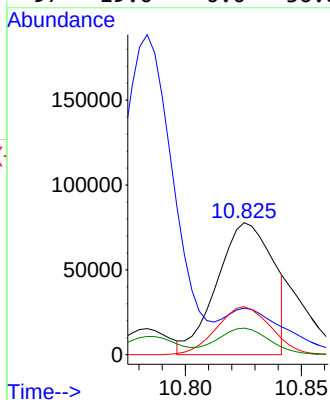
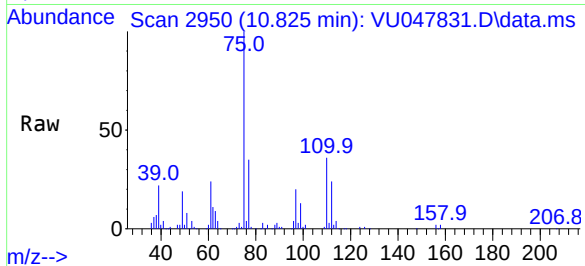


#71  
1,2,3-Trichloropropane  
Concen: 10.711 ug/l m  
RT: 10.825 min Scan# 2951  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion: 75 Resp: 130566

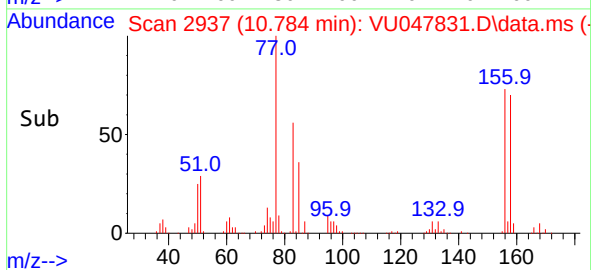
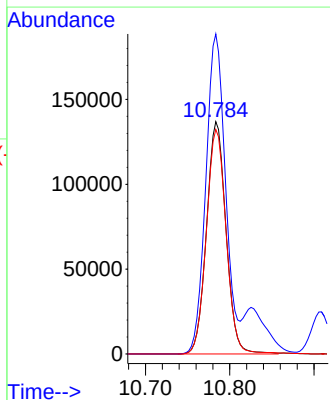
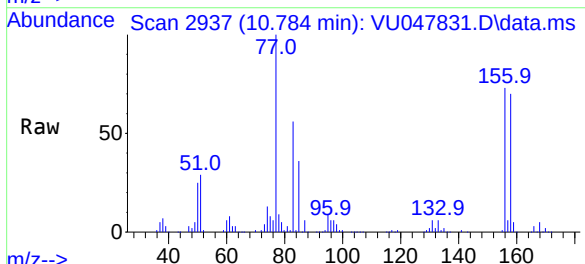
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 39.2  | 0.0   | 92.6  |
| 110 | 35.7  | 0.0   | 68.2  |
| 97  | 19.0  | 0.0   | 36.8  |

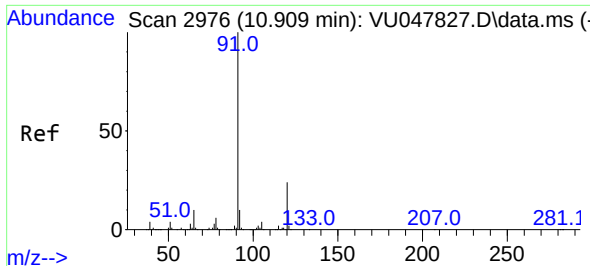


#72  
Bromobenzene  
Concen: 11.098 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 156 Resp: 220343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 139.0 | 0.0   | 273.4 |
| 158 | 98.2  | 0.0   | 193.6 |

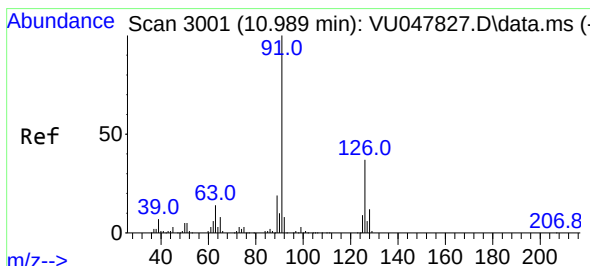
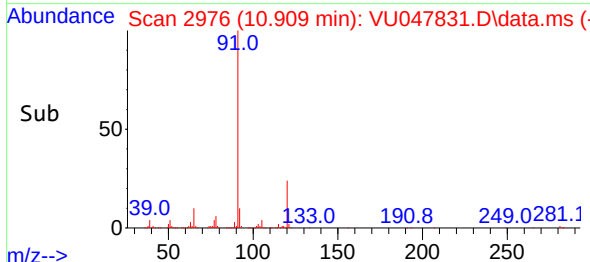
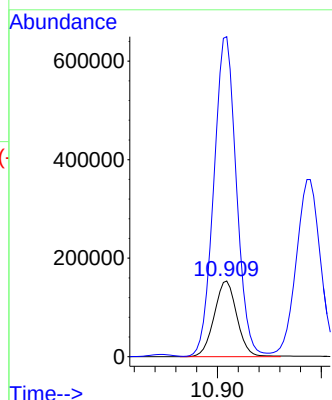
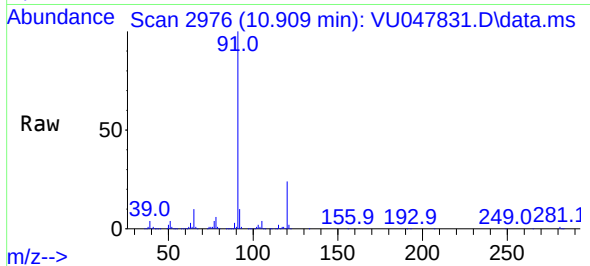




#73  
n-propylbenzene  
Concen: 12.329 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

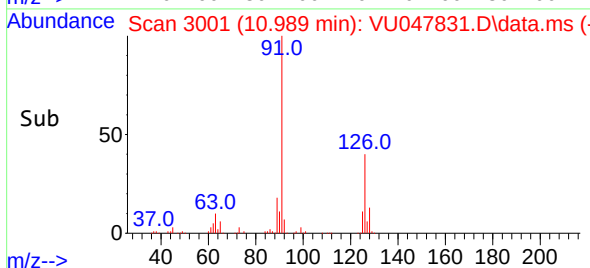
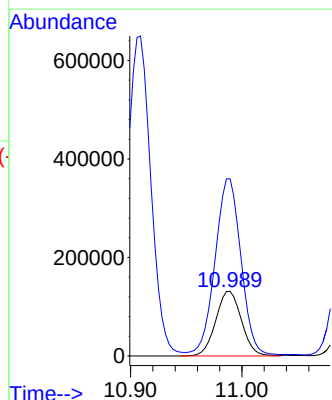
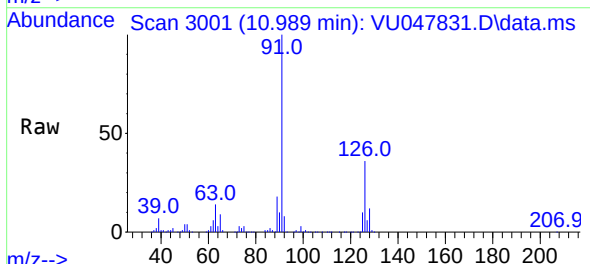
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

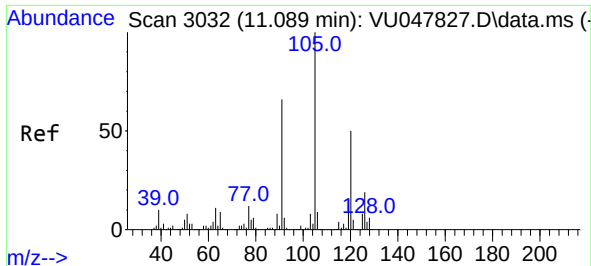
Tgt Ion:120 Resp: 232866  
Ion Ratio Lower Upper  
120 100  
91 420.6 333.7 500.5



#74  
2-Chlorotoluene  
Concen: 11.793 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:126 Resp: 210649  
Ion Ratio Lower Upper  
126 100  
91 278.1 0.0 554.6

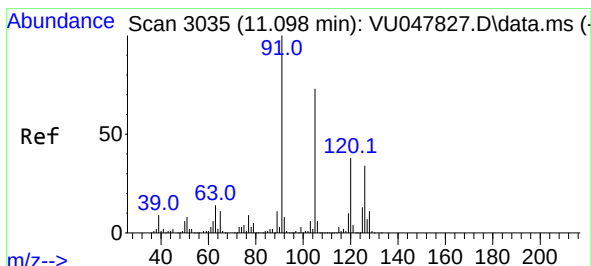
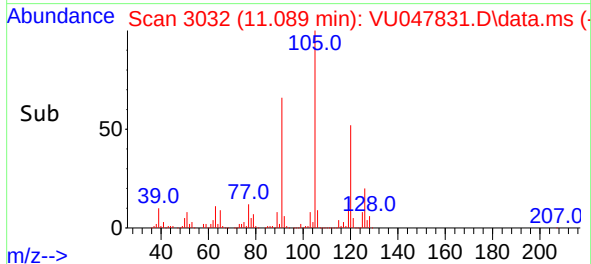
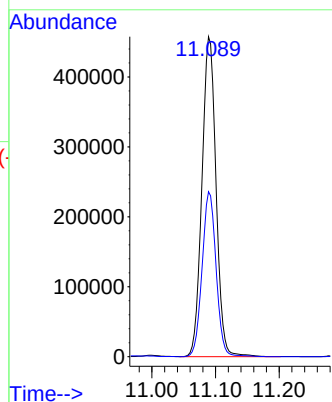
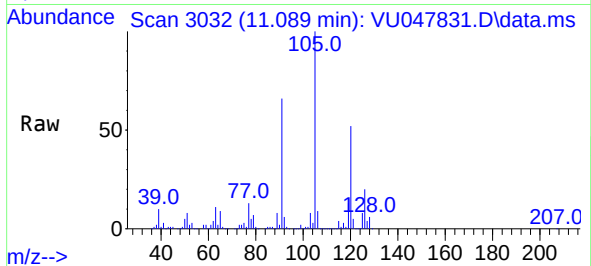




#75  
1,3,5-Trimethylbenzene  
Concen: 12.541 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

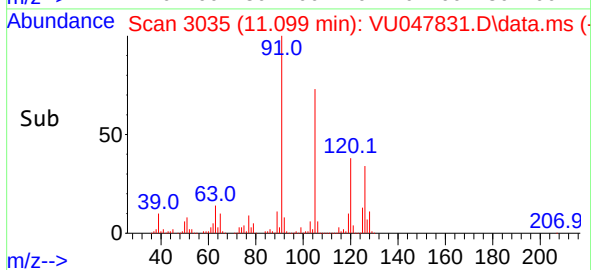
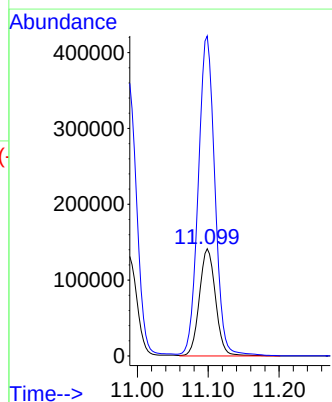
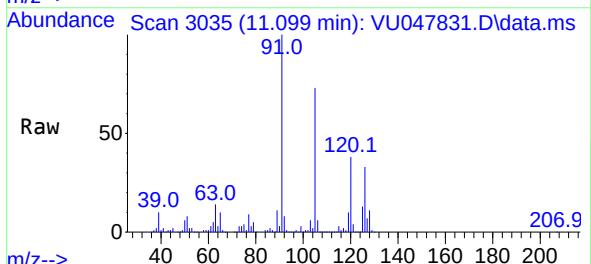
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion:105 Resp: 704300  
Ion Ratio Lower Upper  
105 100  
120 51.2 40.6 61.0

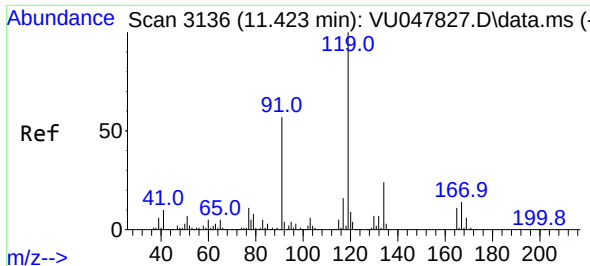


#76  
4-Chlorotoluene  
Concen: 11.885 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:126 Resp: 224330  
Ion Ratio Lower Upper  
126 100  
91 306.5 0.0 616.4



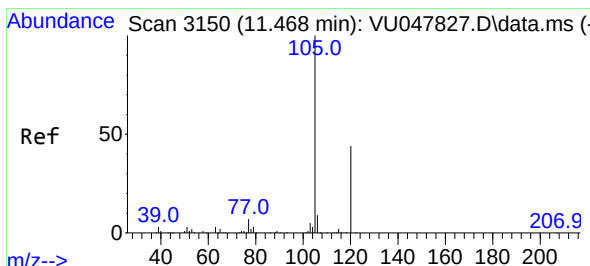
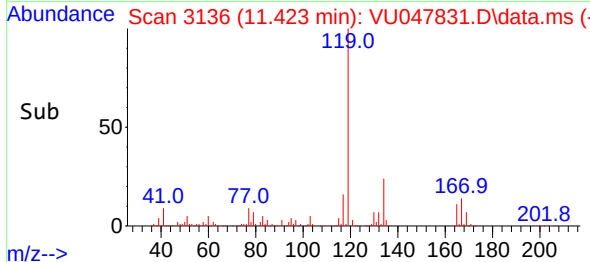
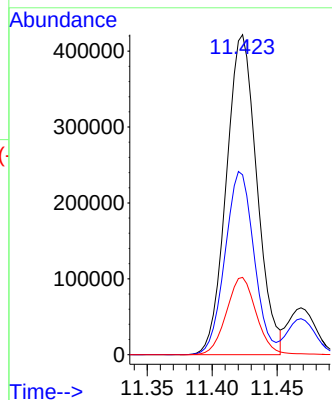
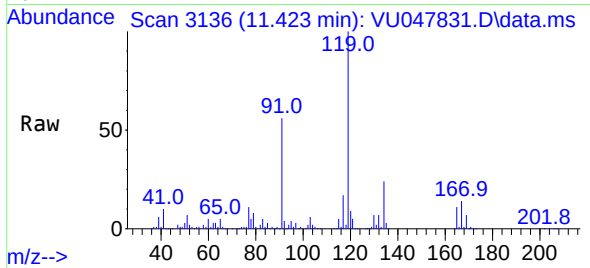




#77  
tert-Butylbenzene  
Concen: 12.142 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

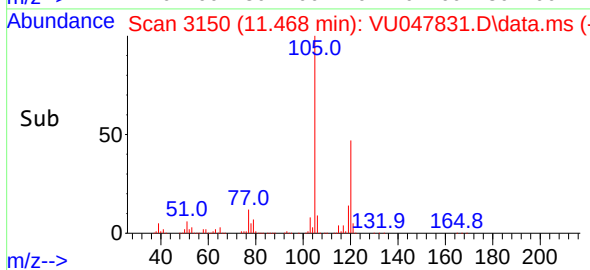
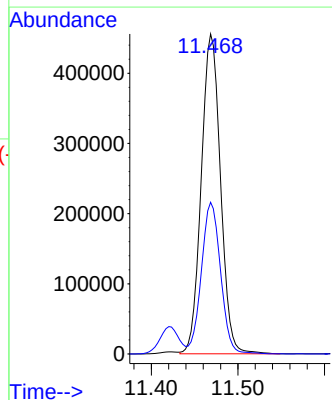
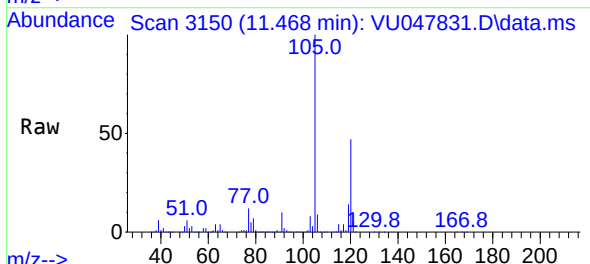
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

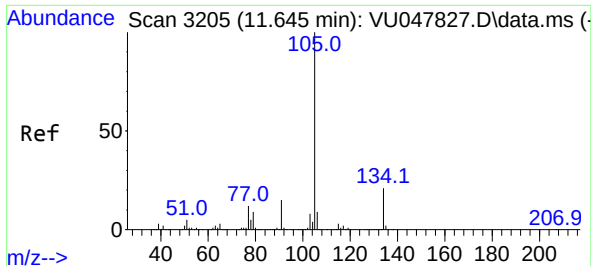
Tgt Ion:119 Resp: 691615  
Ion Ratio Lower Upper  
119 100  
91 54.2 27.3 81.9  
134 23.7 19.0 28.4



#78  
1,2,4-Trimethylbenzene  
Concen: 12.204 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:105 Resp: 702606  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.8 71.5

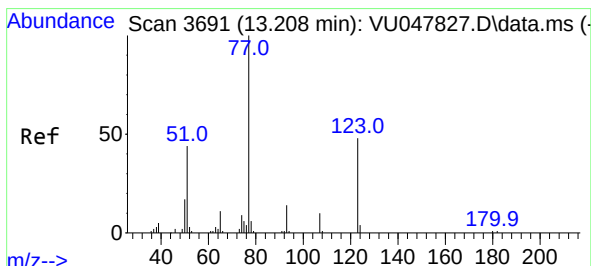
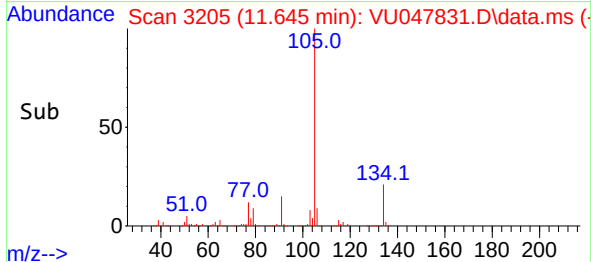
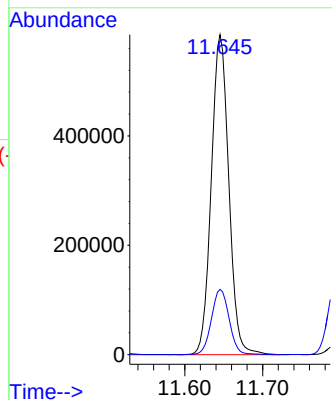
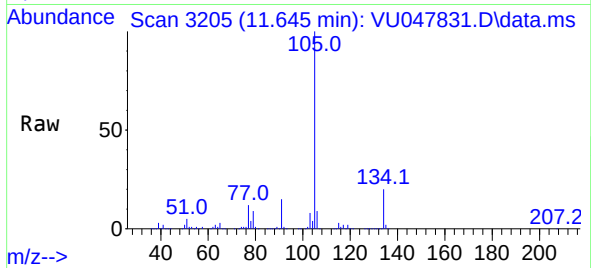




#79  
 sec-Butylbenzene  
 Concen: 12.221 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

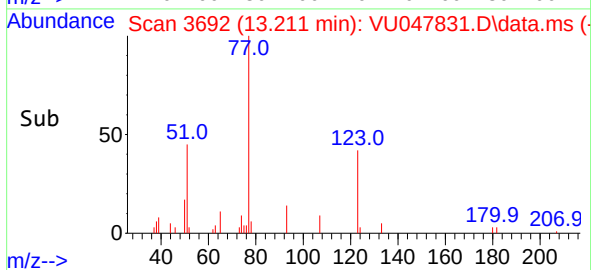
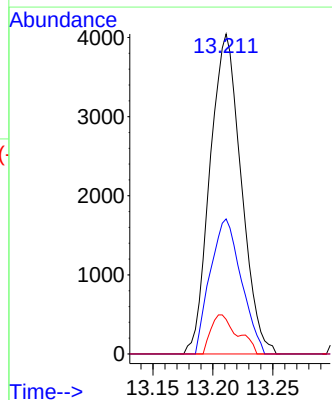
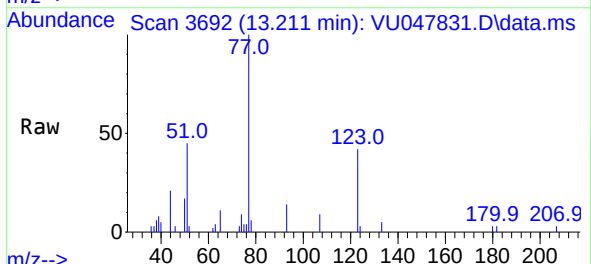
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU040622

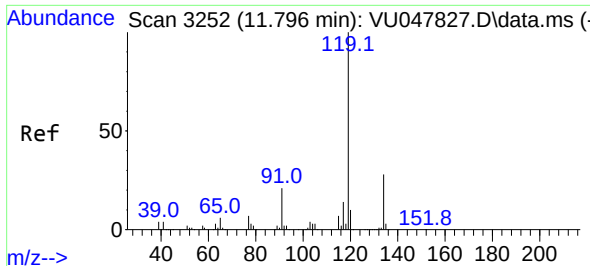
Tgt Ion:105 Resp: 910859  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 16.7 25.1



#80  
 Nitrobenzene  
 Concen: 12.022 ug/l  
 RT: 13.211 min Scan# 3692  
 Delta R.T. 0.003 min  
 Lab File: VU047831.D  
 Acq: 06 Apr 2022 15:37

Tgt Ion: 77 Resp: 7302  
 Ion Ratio Lower Upper  
 77 100  
 123 42.0 20.6 73.0  
 65 10.4 10.4 13.2

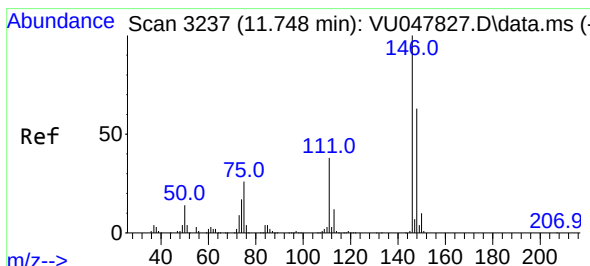
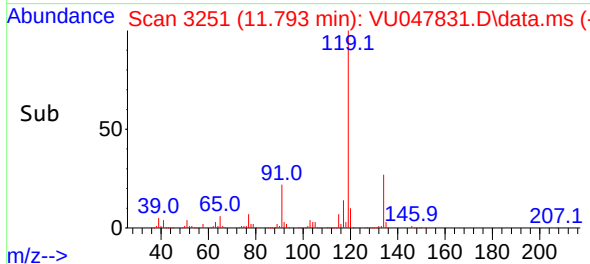
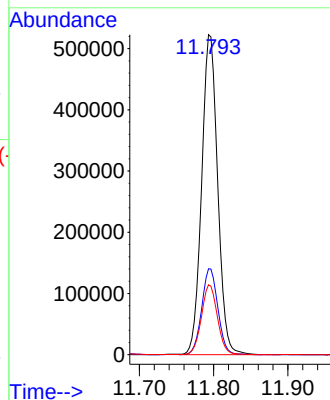
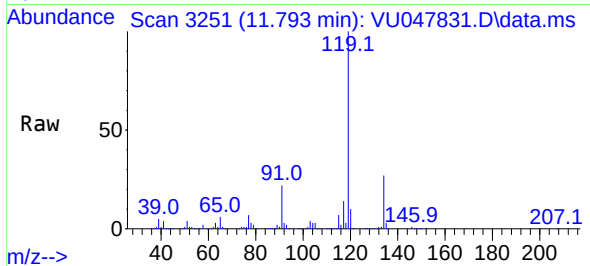




#81  
p-Isopropyltoluene  
Concen: 12.539 ug/l  
RT: 11.793 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

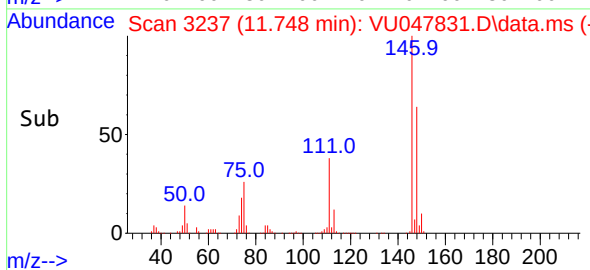
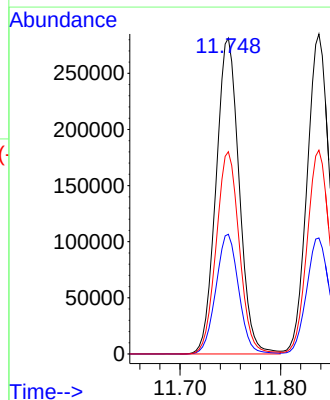
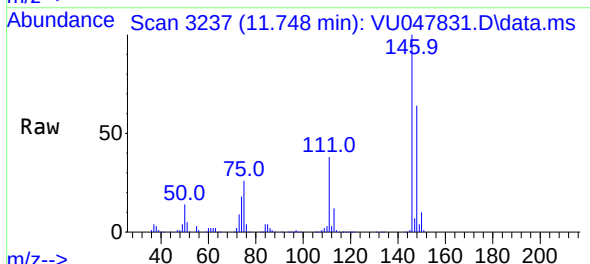
Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

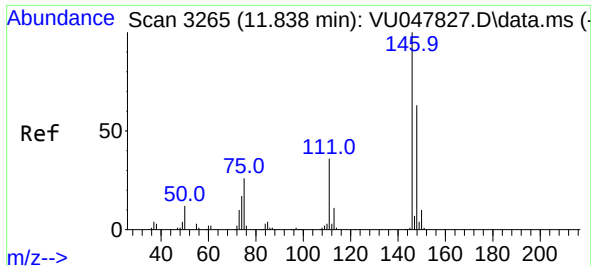
Tgt Ion:119 Resp: 782100  
Ion Ratio Lower Upper  
119 100  
134 27.1 21.8 32.8  
91 21.8 17.4 26.2



#82  
1,3-Dichlorobenzene  
Concen: 11.286 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:146 Resp: 449755  
Ion Ratio Lower Upper  
146 100  
111 37.5 30.2 45.2  
148 64.1 50.6 76.0

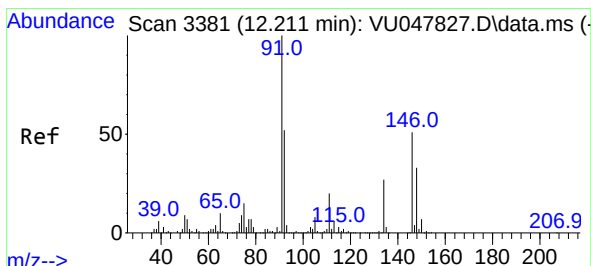
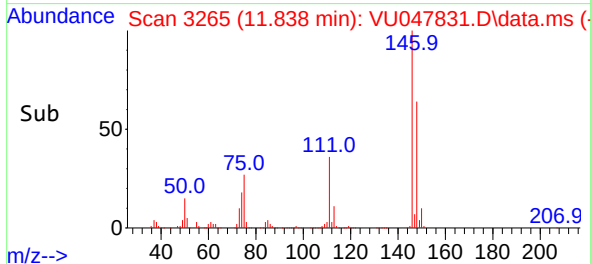
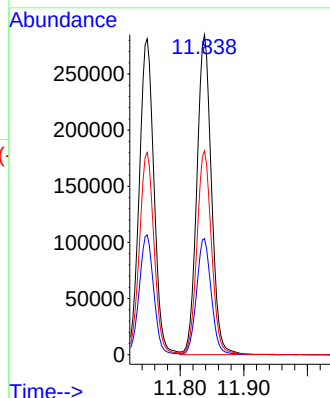
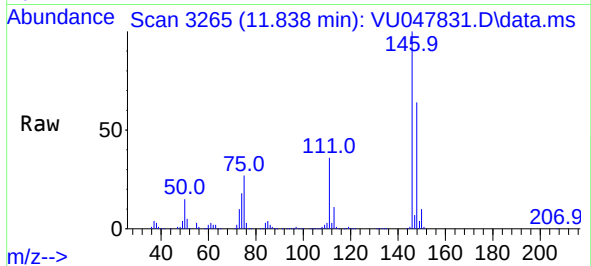




#83  
1,4-Dichlorobenzene  
Concen: 11.322 ug/l  
RT: 11.838 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

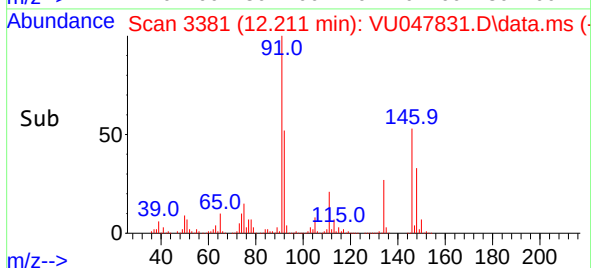
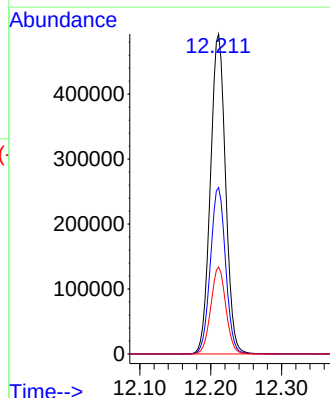
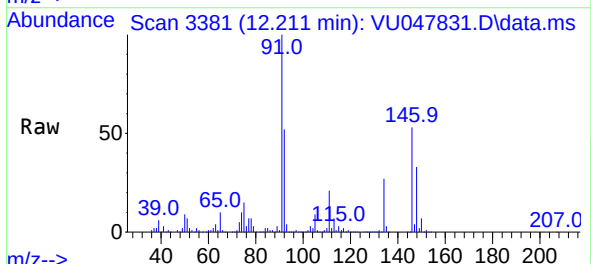
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ClientSampleId :  
ICVVU040622

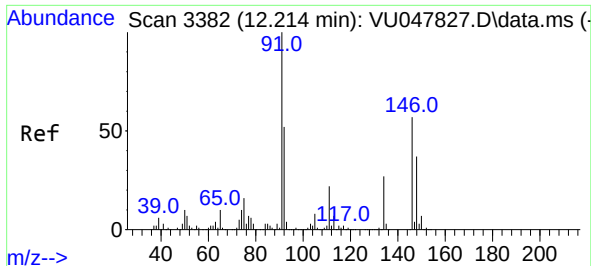
Tgt Ion:146 Resp: 451579  
Ion Ratio Lower Upper  
146 100  
111 36.4 28.7 43.1  
148 64.0 50.8 76.2



#84  
n-Butylbenzene  
Concen: 12.288 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 91 Resp: 730976  
Ion Ratio Lower Upper  
91 100  
92 52.3 41.8 62.6  
134 27.0 21.4 32.2

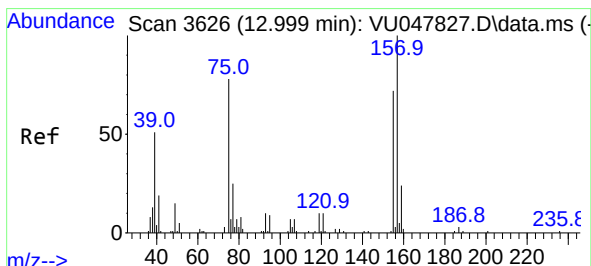
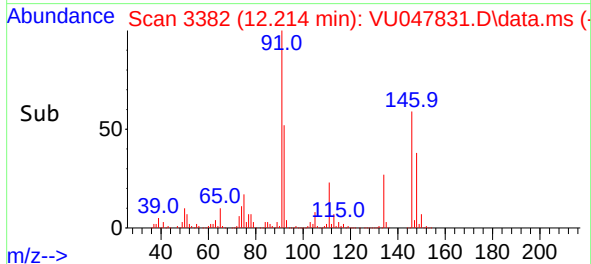
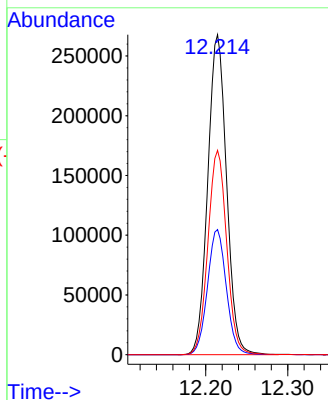
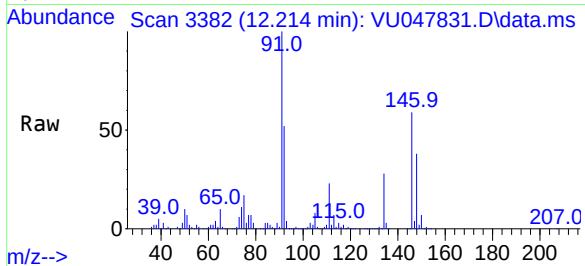




#85  
1,2-Dichlorobenzene  
Concen: 11.269 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

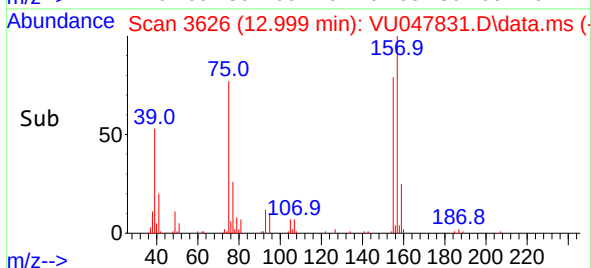
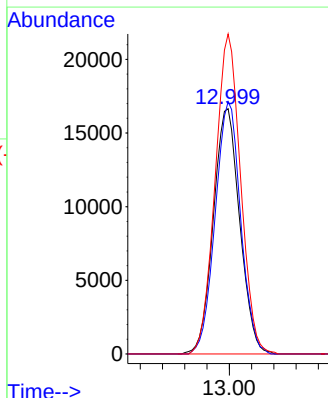
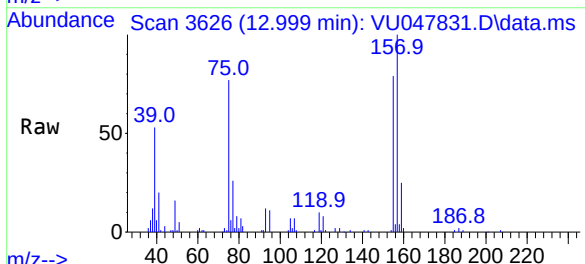
Instrument :  
MSVOA\_U  
ClientSampleId :  
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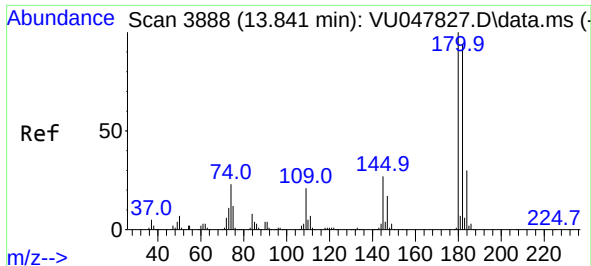
Tgt Ion:146 Resp: 426334  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.4 58.2  
148 63.9 32.3 96.8



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 10.714 ug/l  
RT: 12.999 min Scan# 3626  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion: 75 Resp: 27366  
Ion Ratio Lower Upper  
75 100  
155 99.4 76.2 114.2  
157 125.9 99.1 148.7

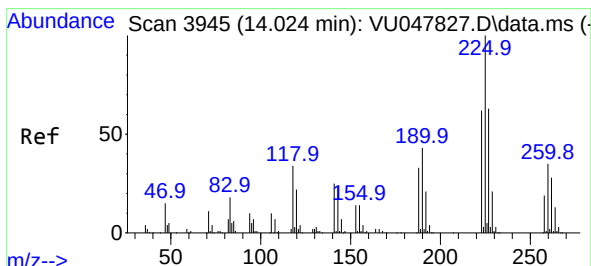
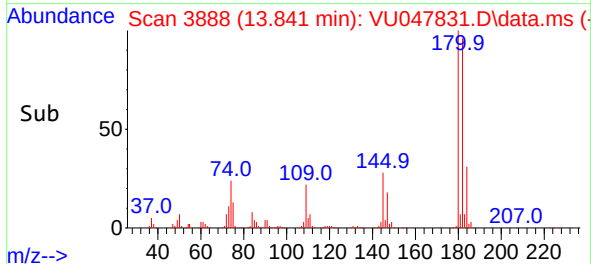
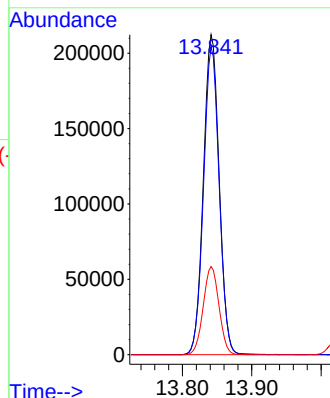
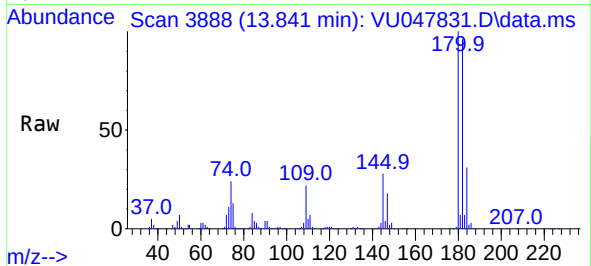




#87  
1,2,4-Trichlorobenzene  
Concen: 12.159 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

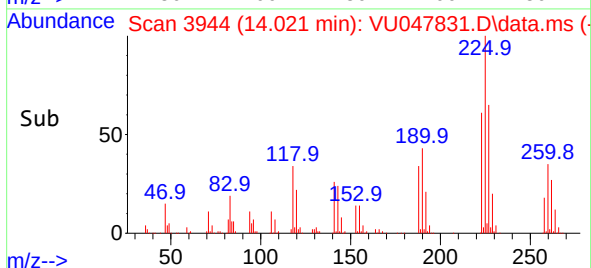
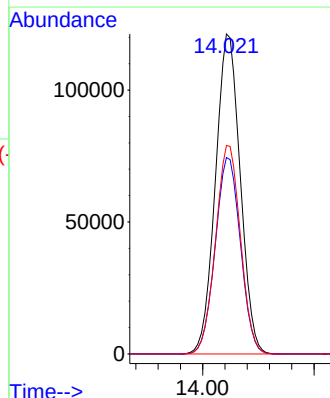
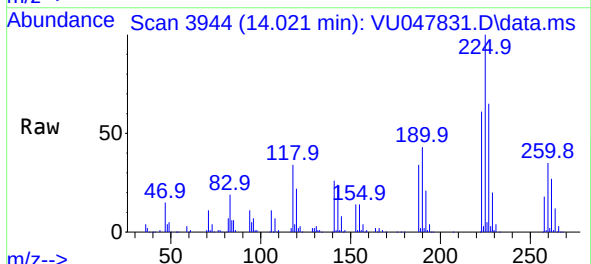
Instrument :  
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ClientSampleId :  
ICVVU040622

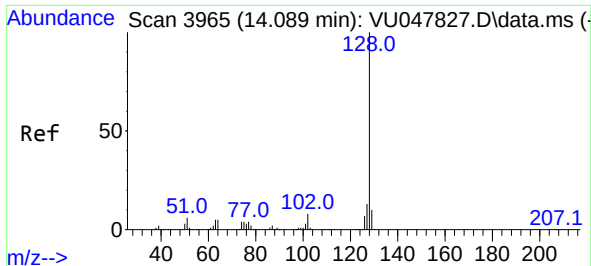
Tgt Ion:180 Resp: 334495  
Ion Ratio Lower Upper  
180 100  
182 95.5 75.8 113.6  
145 27.5 21.7 32.5



#88  
Hexachlorobutadiene  
Concen: 11.478 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. -0.003 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:225 Resp: 187248  
Ion Ratio Lower Upper  
225 100  
223 62.4 50.0 75.0  
227 65.5 51.0 76.6



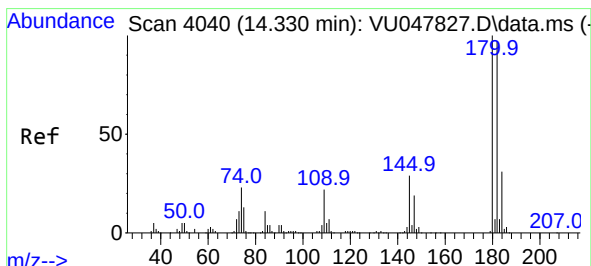
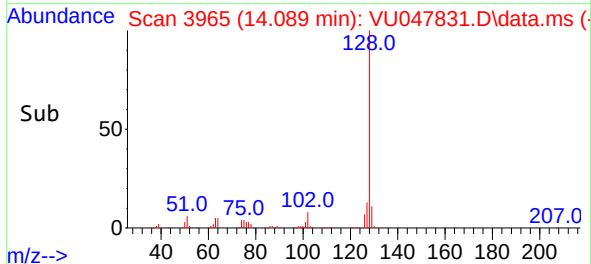
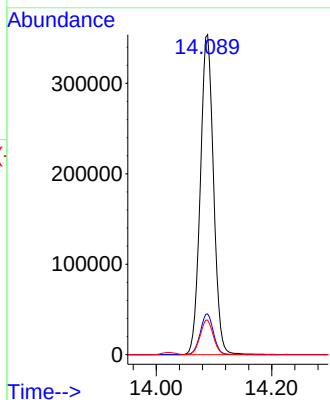
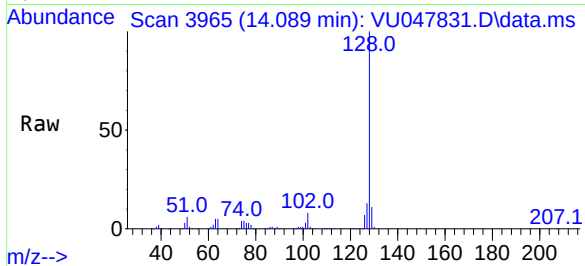


#89  
Naphthalene  
Concen: 10.842 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU040622

Tgt Ion:128 Resp: 562925

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.2  | 15.4  |
| 129 | 10.8  | 8.6   | 12.8  |



#90  
1,2,3-Trichlorobenzene  
Concen: 11.825 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU047831.D  
Acq: 06 Apr 2022 15:37

Tgt Ion:180 Resp: 301697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.5  | 77.2  | 115.8 |
| 145 | 29.1  | 23.3  | 34.9  |

