

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040622\  
 Data File : VU047824.D  
 Acq On : 06 Apr 2022 11:18  
 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Quant Time: Apr 07 05:52:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U040622DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Apr 07 05:50:20 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.118  | 96   | 57313    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.636 | 95   | 19900    | 0.947  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 95.000%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.195 | 152  | 24579    | 1.199  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 120.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 20286    | 0.935  | ug/l     | 100      |
| 3) Chloromethane             | 1.527  | 50   | 22356    | 0.978  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.607  | 62   | 19922    | 0.862  | ug/l     | 100      |
| 5) Bromomethane              | 1.861  | 94   | 14341    | 1.097  | ug/l     | 96       |
| 6) Chloroethane              | 1.938  | 64   | 12589    | 0.837  | ug/l     | 94       |
| 7) Trichlorofluoromethane    | 2.144  | 101  | 27032    | 0.981  | ug/l     | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 15876    | 0.998  | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.584  | 96   | 15588    | 1.040  | ug/l     | 93       |
| 10) Iodomethane              | 2.729  | 142  | 9395     | 0.637  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.929  | 41   | 21106    | 0.976  | ug/l     | 97       |
| 12) Acrylonitrile            | 3.324  | 53   | 8192m    | 2.167  | ug/l     |          |
| 13) Acetone                  | 2.646  | 43   | 16459    | 3.844  | ug/l     | 99       |
| 14) Carbon Disulfide         | 2.800  | 76   | 49289    | 1.075  | ug/l     | 99       |
| 15) Methylene Chloride       | 3.051  | 84   | 22387    | 1.231  | ug/l     | 97       |
| 16) trans-1,2-Dichloroethene | 3.356  | 96   | 17062    | 1.061  | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.874  | 63   | 28710    | 0.969  | ug/l     | 99       |
| 18) 2-Butanone               | 4.732  | 43   | 21351    | 3.890  | ug/l     | 98       |
| 19) Cyclohexane              | 5.388  | 56   | 19228m   | 0.717  | ug/l     |          |
| 20) Methylcyclohexane        | 6.764  | 83   | 20855    | 0.768  | ug/l     | 95       |
| 21) 2,2-Dichloropropane      | 4.668  | 77   | 22830    | 0.908  | ug/l     | 96       |
| 22) cis-1,2-Dichloroethene   | 4.674  | 96   | 16944    | 0.961  | ug/l     | 96       |
| 23) Diethyl Ether            | 2.382  | 59   | 11744    | 0.857  | ug/l     | 97       |
| 24) tert-Butyl Alcohol       | 3.234  | 59   | 14419    | 12.437 | ug/l     | 95       |
| 25) Methyl tert-Butyl Ether  | 3.372  | 73   | 38859    | 0.946  | ug/l     | 97       |
| 26) Bromochloromethane       | 4.980  | 128  | 8926     | 1.155  | ug/l     | 99       |
| 27) Chloroform               | 5.096  | 83   | 30760    | 1.003  | ug/l     | 97       |
| 28) 1,1,1-Trichloroethane    | 5.317  | 97   | 24583    | 0.976  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.530  | 75   | 20330    | 0.890  | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 21499    | 1.079  | ug/l     | 96       |
| 31) Isopropyl Ether          | 4.002  | 45   | 37516    | 0.814  | ug/l     | 96       |
| 32) Ethyl-t-butyl ether      | 4.514  | 59   | 35170    | 0.761  | ug/l     | 99       |
| 33) Tert-Amyl methyl ether   | 5.948  | 73   | 31247    | 0.759  | ug/l     | 99       |
| 34) Propionitrile            | 4.803  | 54   | 6675     | 4.715  | ug/l #   | 83       |
| 35) Benzene                  | 5.777  | 78   | 62303    | 0.940  | ug/l     | 98       |
| 36) 1,2-Dichloroethane       | 5.800  | 62   | 18613    | 0.891  | ug/l     | 98       |
| 37) Trichloroethene          | 6.546  | 130  | 17885    | 1.082  | ug/l     | 93       |
| 38) 1,2-Dichloropropane      | 6.793  | 63   | 15900    | 0.928  | ug/l     | 98       |
| 39) Methacrylonitrile        | 4.993  | 41   | 4055     | 0.726  | ug/l     | 89       |
| 40) Methyl acrylate          | 4.867  | 55   | 7182     | 0.785  | ug/l #   | 92       |
| 41) Tetrahydrofuran          | 5.076  | 42   | 5149     | 1.627  | ug/l     | 96       |
| 42) 1-Chlorobutane           | 5.462  | 56   | 26601    | 0.822  | ug/l     | 100      |
| 43) Dibromomethane           | 6.925  | 93   | 9083     | 1.048  | ug/l     | 97       |
| 44) Bromodichloromethane     | 7.112  | 83   | 20916    | 0.979  | ug/l     | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040622\  
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 Acq On : 06 Apr 2022 11:18  
 Operator : SY/MD  
 Sample : VSTDICC001  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

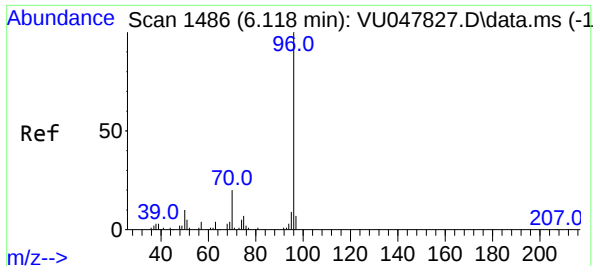
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC001

Quant Time: Apr 07 05:52:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U040622DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Apr 07 05:50:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.800  | 43   | 44018    | 3.858 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.835 | 75   | 7803m    | 1.888 | ug/l   |          |
| 47) Methyl methacrylate       | 6.967  | 69   | 13463    | 1.576 | ug/l   | 100      |
| 48) Ethyl methacrylate        | 8.340  | 69   | 11457    | 0.688 | ug/l   | 95       |
| 49) Toluene                   | 7.970  | 92   | 35753    | 0.873 | ug/l   | 95       |
| 50) t-1,3-Dichloropropene     | 8.214  | 75   | 17782    | 0.860 | ug/l   | 95       |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 20578    | 0.855 | ug/l   | 95       |
| 52) 1,1,2-Trichloroethane     | 8.404  | 97   | 13006    | 1.042 | ug/l   | 97       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 21367    | 0.936 | ug/l   | 96       |
| 54) 2-Hexanone                | 8.694  | 43   | 31247    | 3.578 | ug/l   | 95       |
| 55) Dibromochloromethane      | 8.813  | 129  | 15490    | 1.157 | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.928  | 107  | 11951    | 1.014 | ug/l   | 92       |
| 58) Tetrachloroethene         | 8.555  | 164  | 16165    | 1.078 | ug/l   | 96       |
| 59) Chlorobenzene             | 9.449  | 112  | 44138    | 1.025 | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 15701    | 1.082 | ug/l   | 98       |
| 61) Pentachloroethane         | 11.430 | 117  | 13579    | 1.267 | ug/l   | 88       |
| 62) Hexachloroethane          | 12.478 | 117  | 11583    | 1.051 | ug/l   | 95       |
| 63) Ethyl Benzene             | 9.571  | 91   | 61824    | 0.814 | ug/l   | 97       |
| 64) m/p-Xylenes               | 9.697  | 106  | 48167    | 1.656 | ug/l   | 98       |
| 65) o-Xylene                  | 10.102 | 106  | 22885    | 0.809 | ug/l   | 97       |
| 66) Styrene                   | 10.118 | 104  | 38752    | 0.831 | ug/l   | 99       |
| 67) Bromoform                 | 10.292 | 173  | 9798     | 1.339 | ug/l   | 97       |
| 69) Isopropylbenzene          | 10.484 | 105  | 61115    | 0.822 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 16452    | 1.024 | ug/l   | 98       |
| 71) 1,2,3-Trichloropropane    | 10.829 | 75   | 11947m   | 0.896 | ug/l   |          |
| 72) Bromobenzene              | 10.783 | 156  | 19515    | 1.134 | ug/l   | 98       |
| 73) n-propylbenzene           | 10.909 | 120  | 16806    | 0.850 | ug/l   | 95       |
| 74) 2-Chlorotoluene           | 10.989 | 126  | 17813    | 1.033 | ug/l   | 97       |
| 75) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 50223    | 0.808 | ug/l   | 98       |
| 76) 4-Chlorotoluene           | 11.102 | 126  | 18070    | 1.016 | ug/l   | 99       |
| 77) tert-Butylbenzene         | 11.423 | 119  | 52310    | 0.861 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 50229    | 0.791 | ug/l   | 98       |
| 79) sec-Butylbenzene          | 11.645 | 105  | 68323    | 0.821 | ug/l   | 98       |
| 80) Nitrobenzene              | 13.217 | 77   | 2815     | 5.889 | ug/l # | 87       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 54443    | 0.809 | ug/l   | 98       |
| 82) 1,3-Dichlorobenzene       | 11.748 | 146  | 40202    | 1.169 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.838 | 146  | 39615    | 1.161 | ug/l   | 100      |
| 84) n-Butylbenzene            | 12.211 | 91   | 51885    | 0.816 | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.214 | 146  | 38606    | 1.180 | ug/l   | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 2632     | 0.997 | ug/l   | 96       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 25079    | 1.199 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 15352    | 1.474 | ug/l   | 98       |
| 89) Naphthalene               | 14.089 | 128  | 35266    | 0.899 | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 22294    | 1.149 | ug/l   | 96       |

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



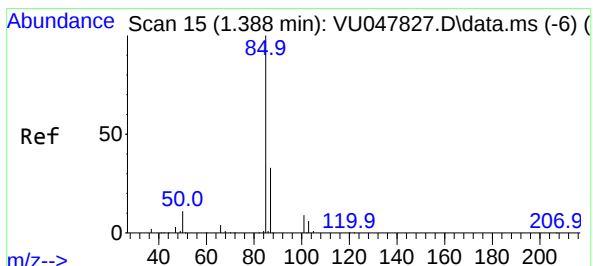
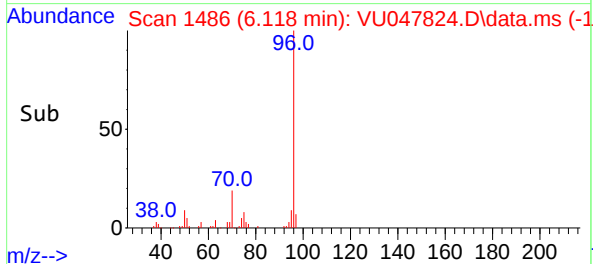
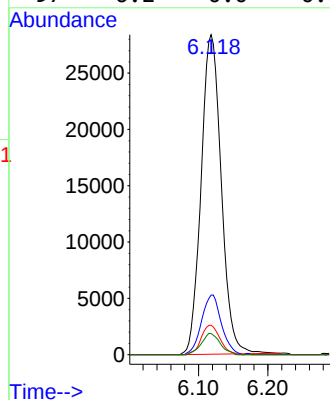
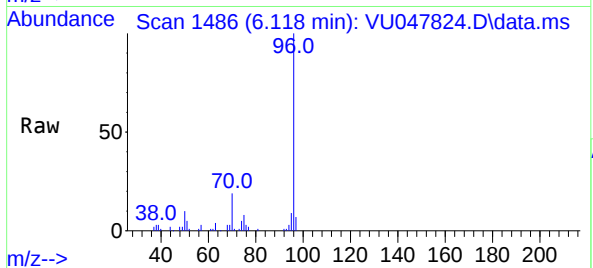


#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.118 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

Tgt Ion: 96 Resp: 57313

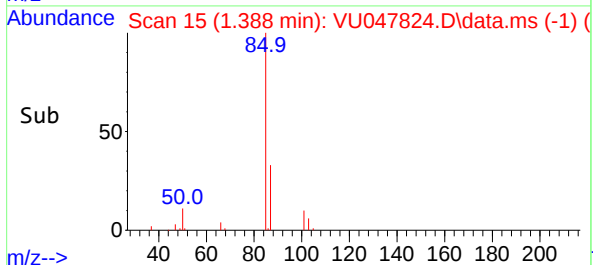
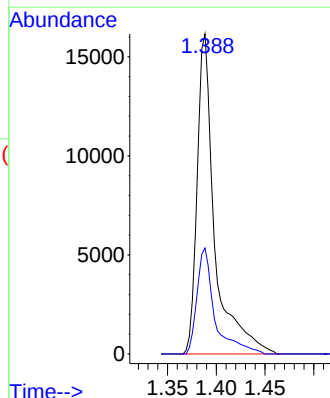
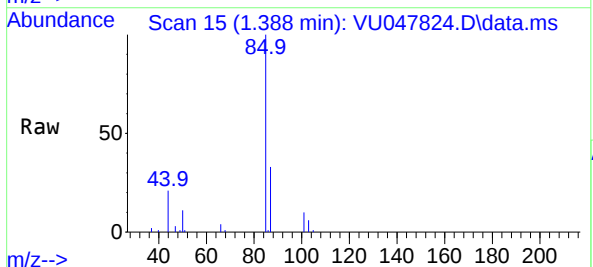
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 70  | 18.4  | 15.4  | 23.0  |
| 95  | 8.6   | 7.6   | 11.4  |
| 97  | 6.2   | 0.0   | 0.0   |

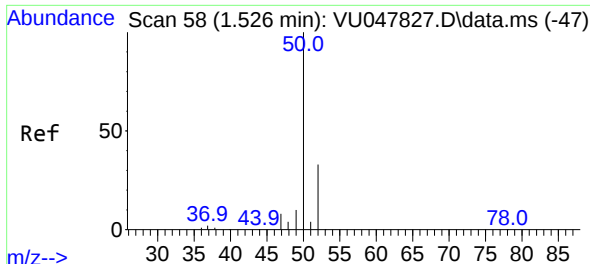


#2  
Dichlorodifluoromethane  
Concen: 0.935 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 85 Resp: 20286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85  | 100   |       |       |
| 87  | 33.1  | 16.4  | 49.4  |

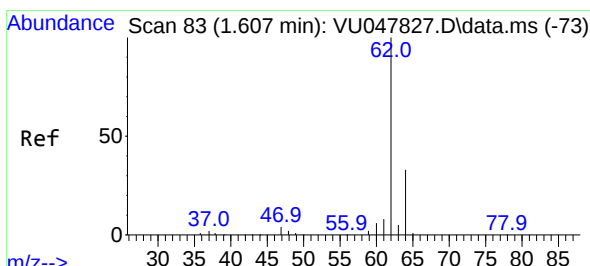
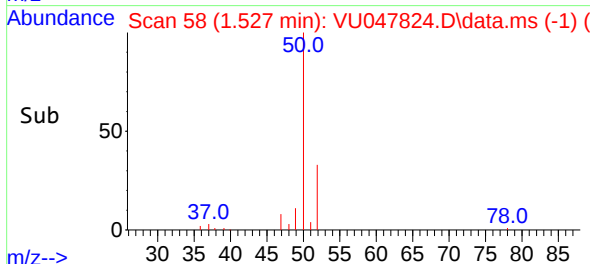
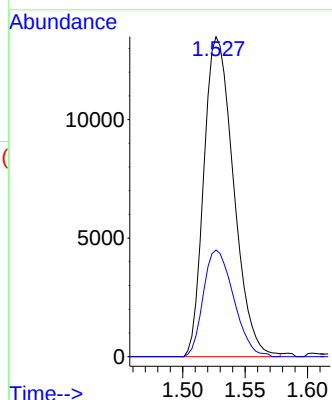
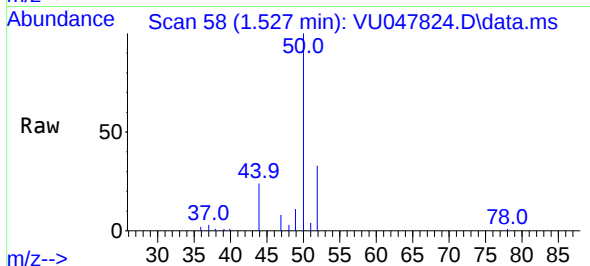




#3  
Chloromethane  
Concen: 0.978 ug/l  
RT: 1.527 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

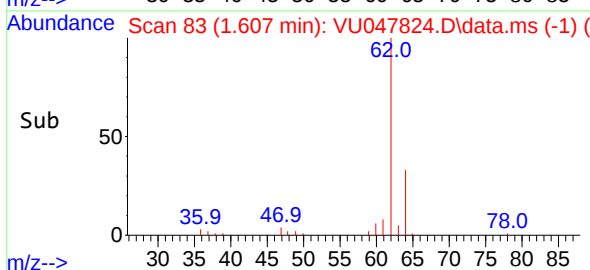
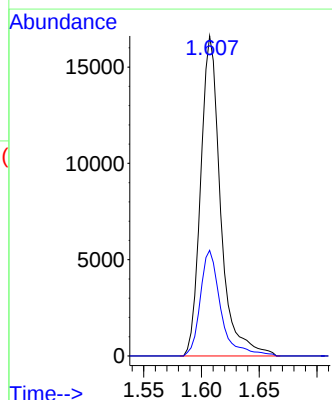
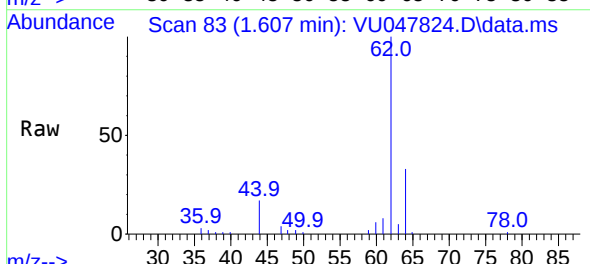
Instrument :  
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ClientSampleId :  
VSTDIC001

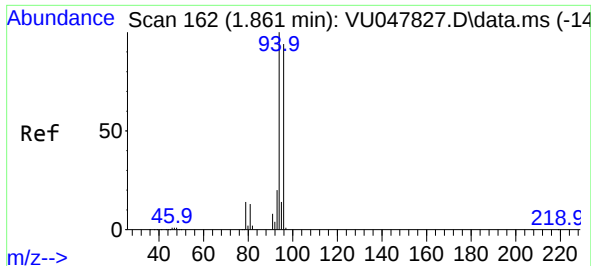
Tgt Ion: 50 Resp: 22356  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.7 40.1



#4  
Vinyl Chloride  
Concen: 0.862 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 62 Resp: 19922  
Ion Ratio Lower Upper  
62 100  
64 33.0 26.4 39.6

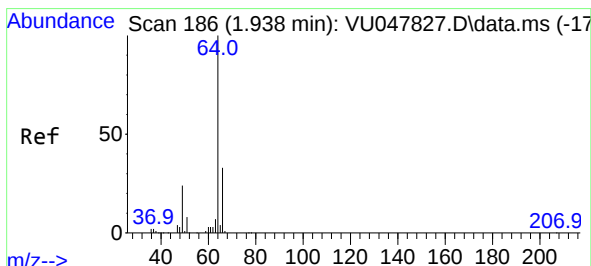
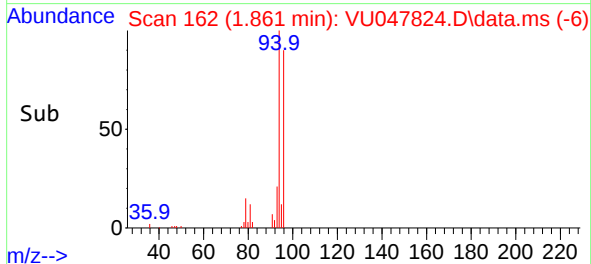
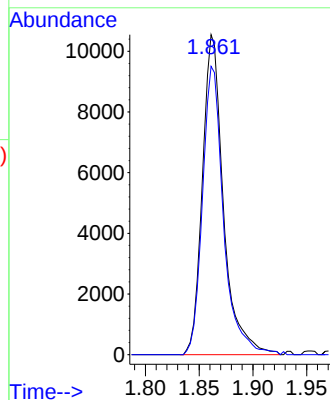
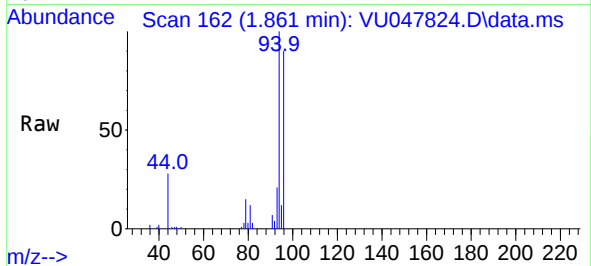




#5  
Bromomethane  
Concen: 1.097 ug/l  
RT: 1.861 min Scan# 162  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

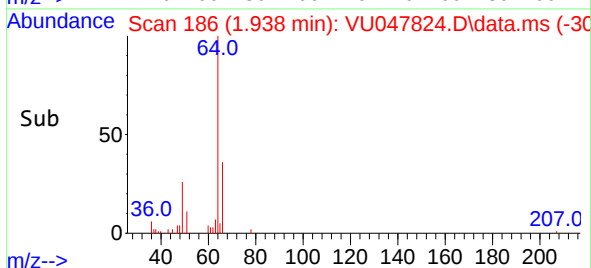
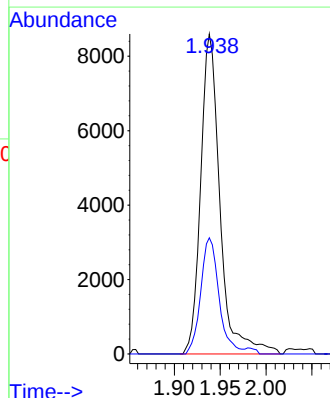
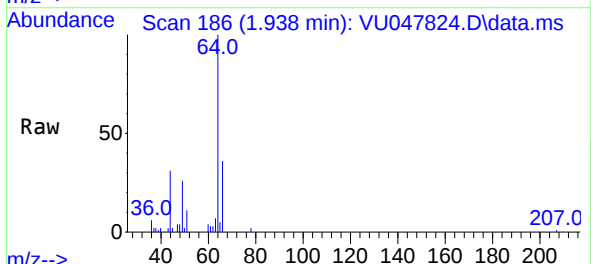
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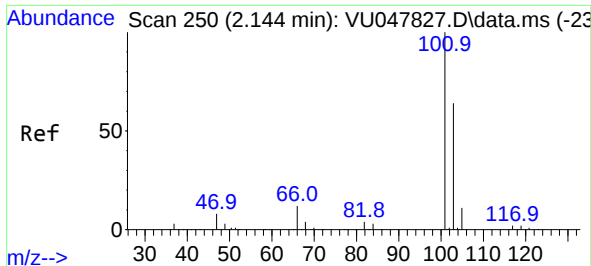
Tgt Ion: 94 Resp: 14341  
Ion Ratio Lower Upper  
94 100  
96 90.1 75.3 112.9



#6  
Chloroethane  
Concen: 0.837 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 64 Resp: 12589  
Ion Ratio Lower Upper  
64 100  
66 36.3 26.2 39.2

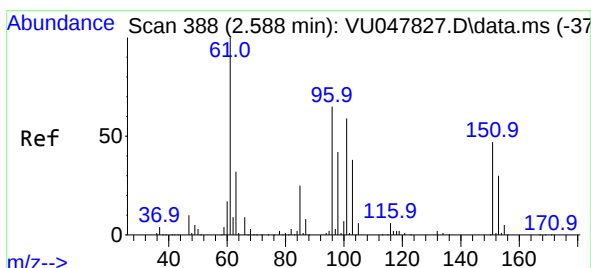
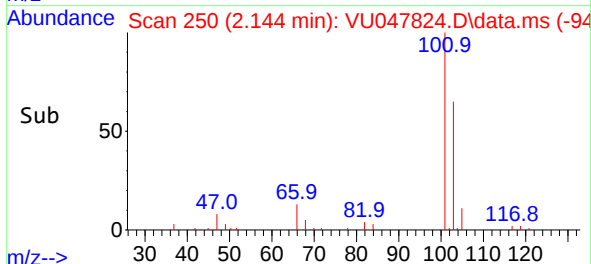
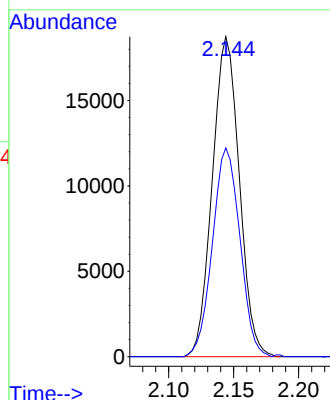
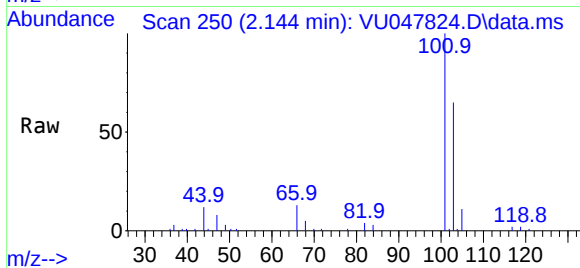




#7  
Trichlorofluoromethane  
Concen: 0.981 ug/l  
RT: 2.144 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

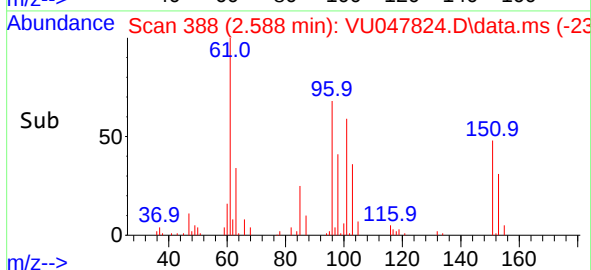
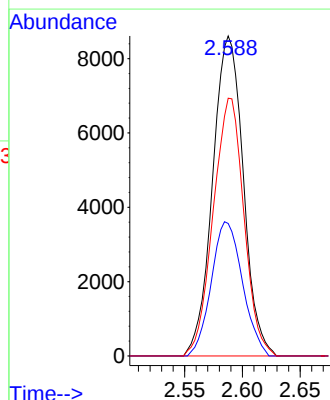
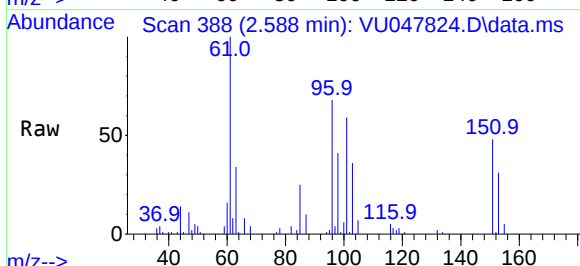
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

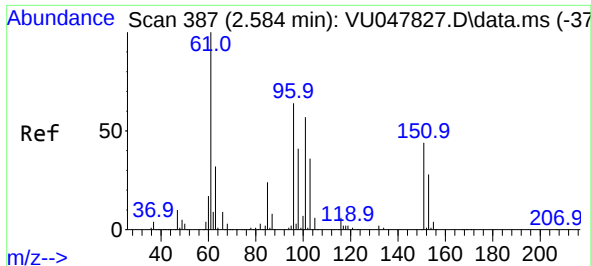
Tgt Ion:101 Resp: 27032  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.3 76.9



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.998 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:101 Resp: 15876  
Ion Ratio Lower Upper  
101 100  
85 42.7 33.4 50.2  
151 80.6 63.8 95.8

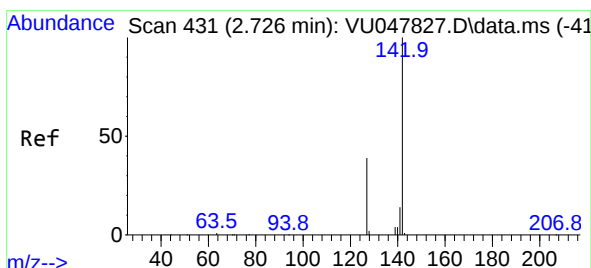
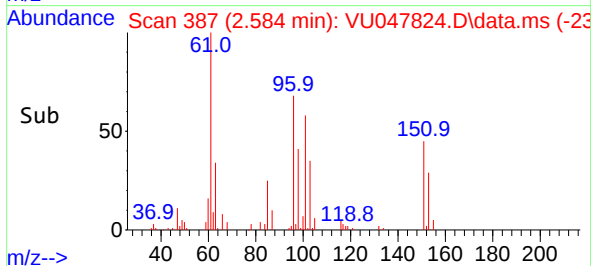
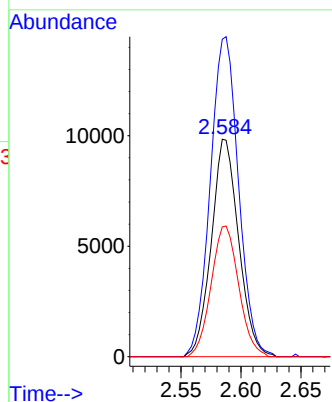
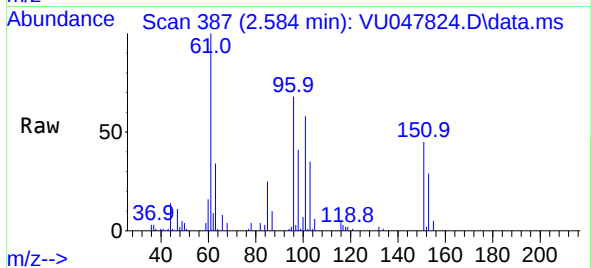




#9  
1,1-Dichloroethene  
Concen: 1.040 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

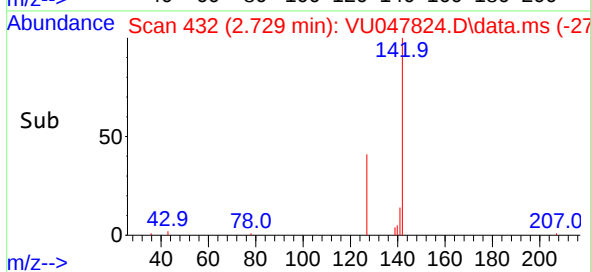
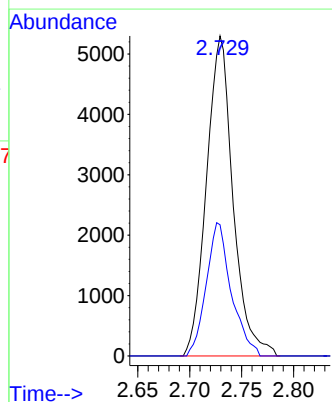
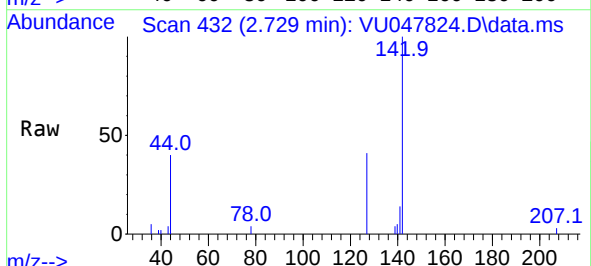
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

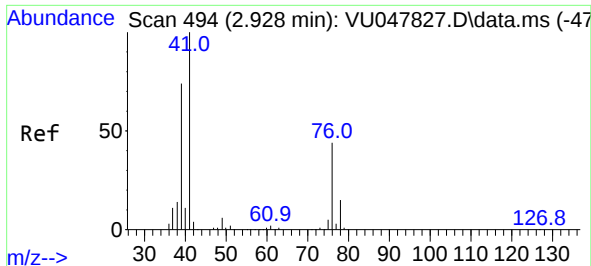
Tgt Ion: 96 Resp: 15588  
Ion Ratio Lower Upper  
96 100  
61 146.0 0.0 466.5  
98 59.7 0.0 128.0



#10  
Iodomethane  
Concen: 0.637 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 142 Resp: 9395  
Ion Ratio Lower Upper  
142 100  
127 39.2 32.1 48.1

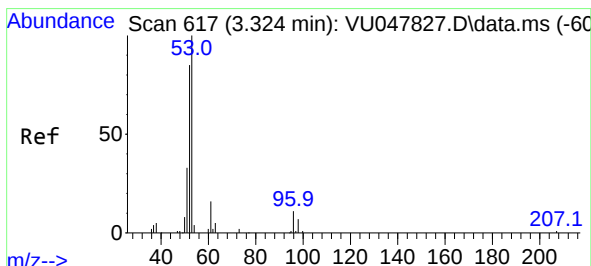
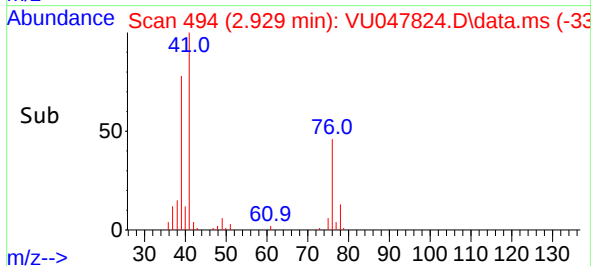
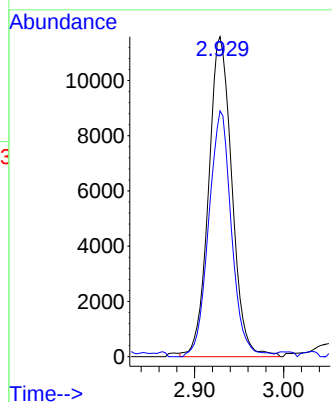
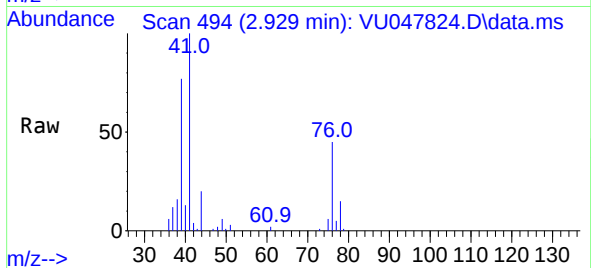




#11  
 Allyl Chloride  
 Concen: 0.976 ug/l  
 RT: 2.929 min Scan# 494  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

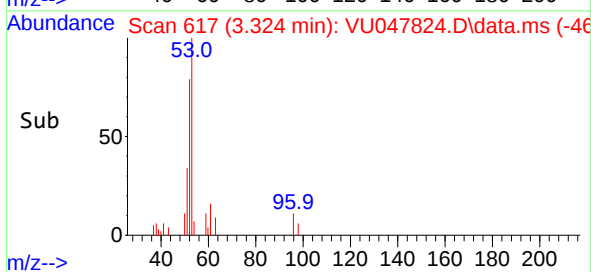
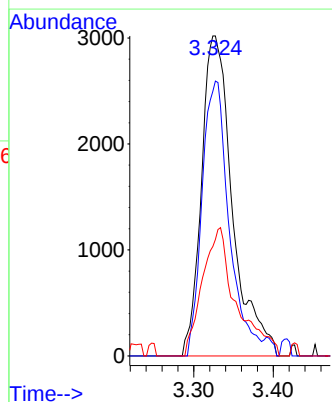
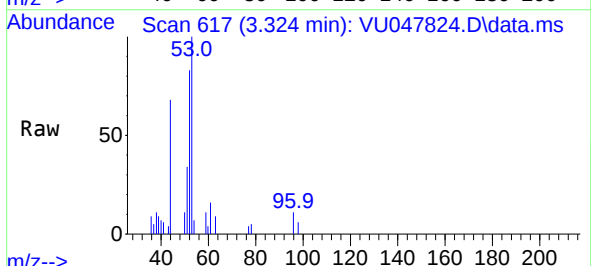
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC001

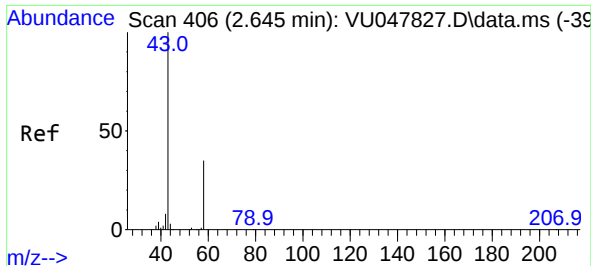
Tgt Ion: 41 Resp: 21106  
 Ion Ratio Lower Upper  
 41 100  
 39 75.1 58.3 87.5



#12  
 Acrylonitrile  
 Concen: 2.167 ug/l m  
 RT: 3.324 min Scan# 617  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

Tgt Ion: 53 Resp: 8192  
 Ion Ratio Lower Upper  
 53 100  
 52 74.9 65.5 98.3  
 51 43.5 29.6 44.4





#13

Acetone

Concen: 3.844 ug/l

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

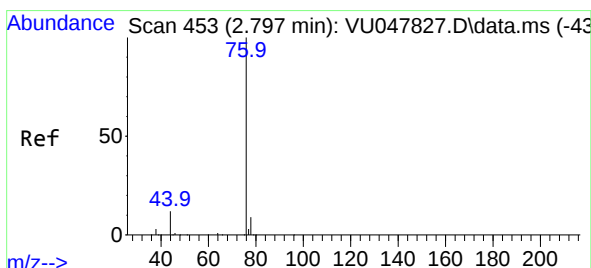
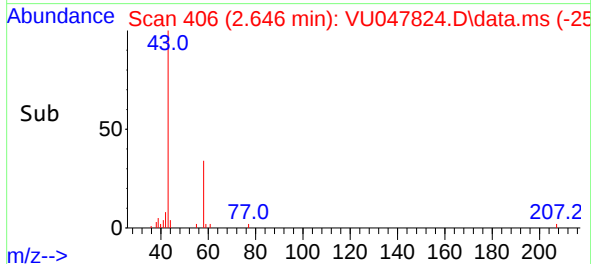
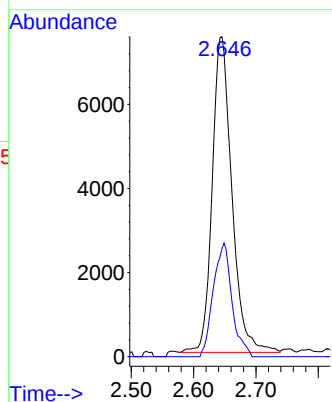
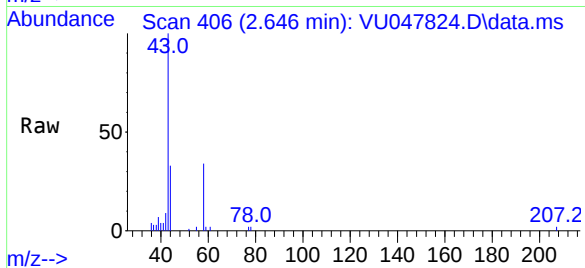
VSTDICC001

Tgt Ion: 43 Resp: 16459

Ion Ratio Lower Upper

43 100

58 34.2 28.0 42.0



#14

Carbon Disulfide

Concen: 1.075 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU047824.D

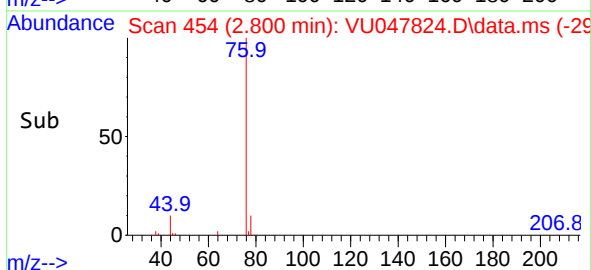
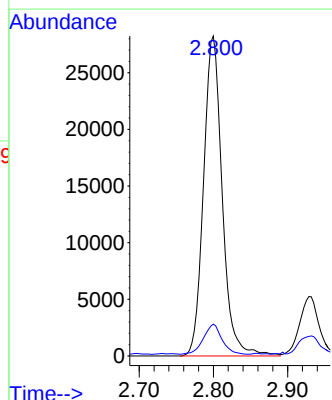
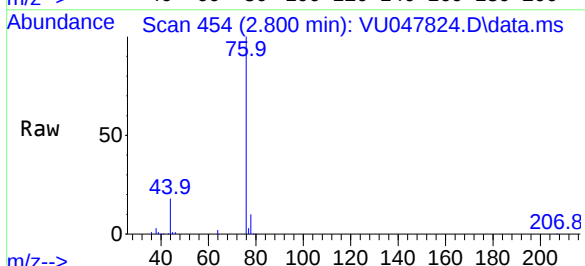
Acq: 06 Apr 2022 11:18

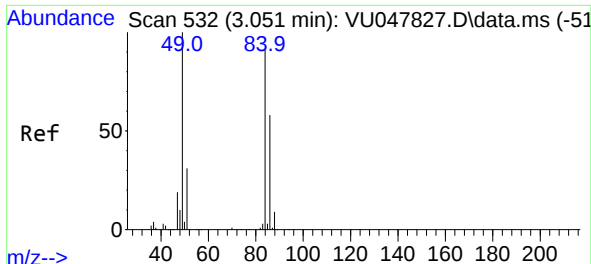
Tgt Ion: 76 Resp: 49289

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



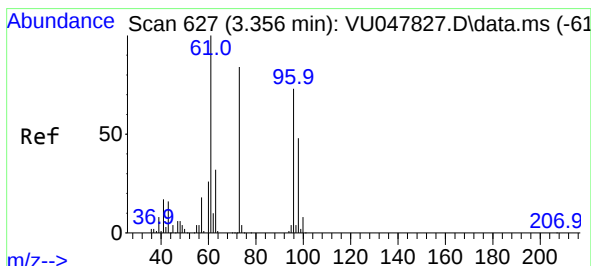
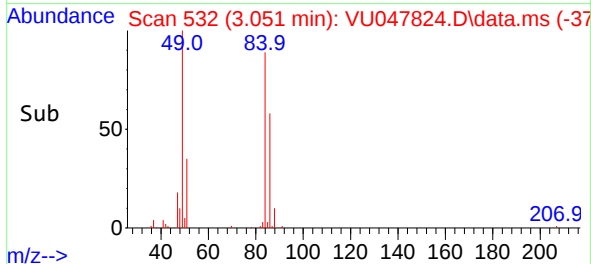
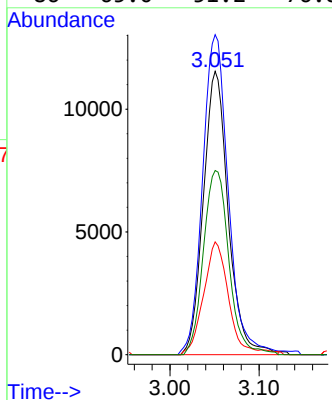
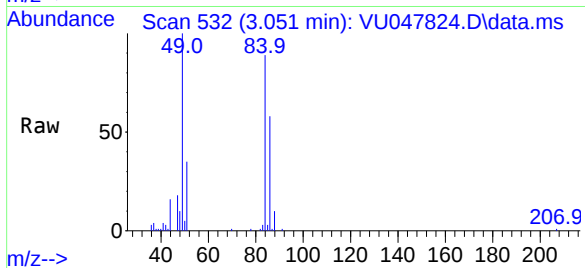


#15  
Methylene Chloride  
Concen: 1.231 ug/l  
RT: 3.051 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion: 84 Resp: 22387

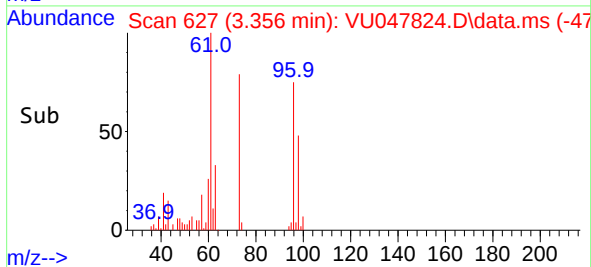
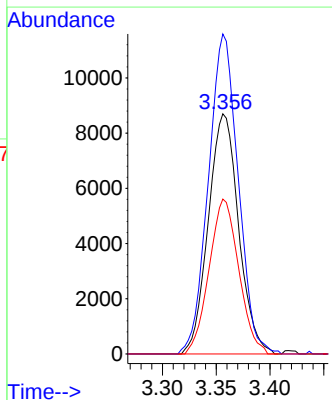
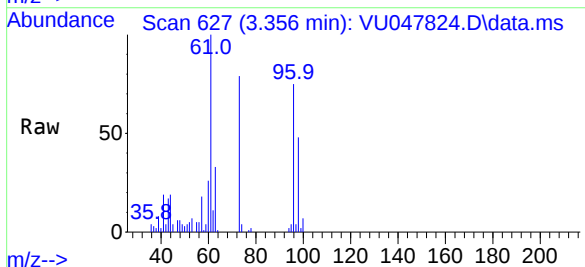
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 113.0 | 88.4  | 132.6 |
| 51  | 39.8  | 0.0   | 69.8  |
| 86  | 65.0  | 51.2  | 76.8  |

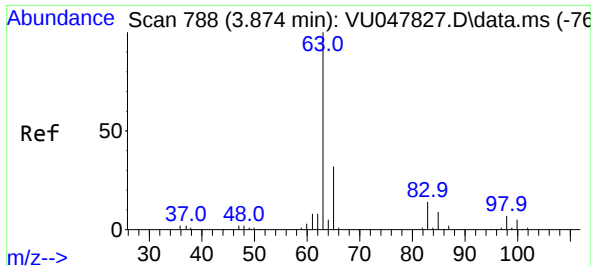


#16  
trans-1,2-Dichloroethene  
Concen: 1.061 ug/l  
RT: 3.356 min Scan# 627  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 96 Resp: 17062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.2 | 109.2 | 163.8 |
| 98  | 64.5  | 52.0  | 78.0  |

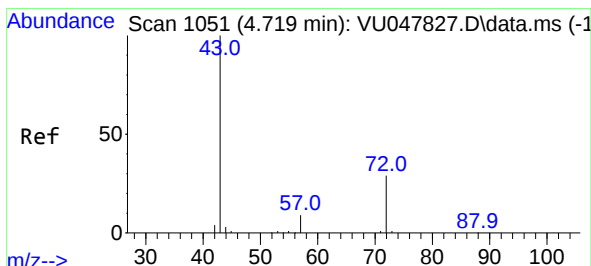
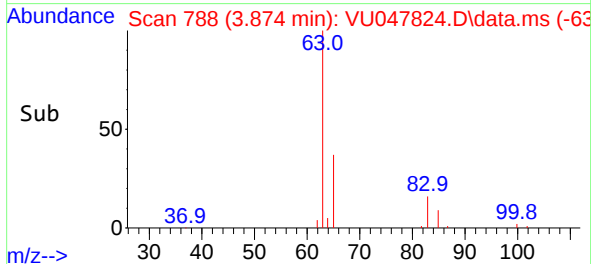
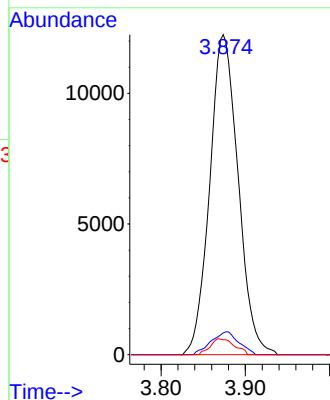
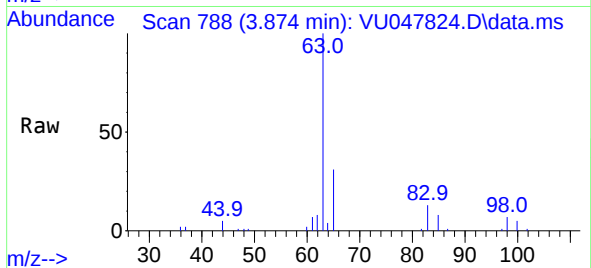




#17  
1,1-Dichloroethane  
Concen: 0.969 ug/l  
RT: 3.874 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

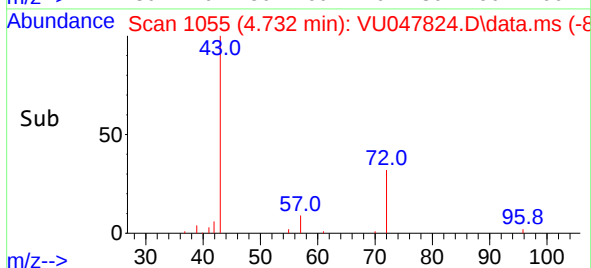
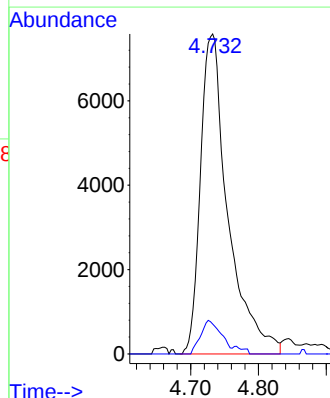
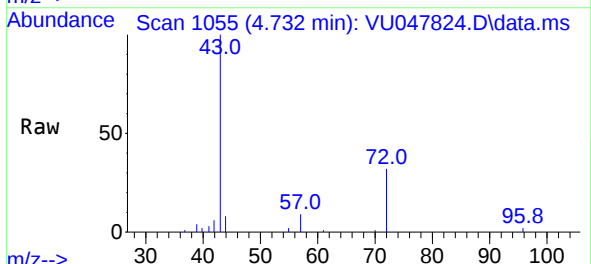
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

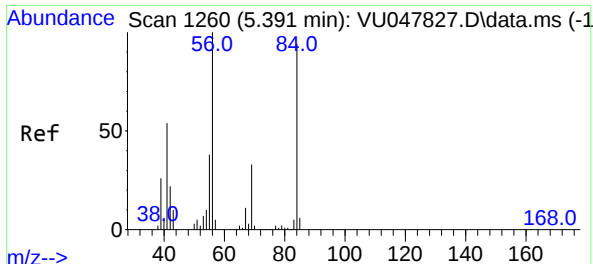
Tgt Ion: 63 Resp: 28710  
Ion Ratio Lower Upper  
63 100  
98 6.8 3.6 10.8  
100 4.6 2.4 7.2



#18  
2-Butanone  
Concen: 3.890 ug/l  
RT: 4.732 min Scan# 1055  
Delta R.T. 0.013 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 43 Resp: 21351  
Ion Ratio Lower Upper  
43 100  
57 9.3 0.0 17.4



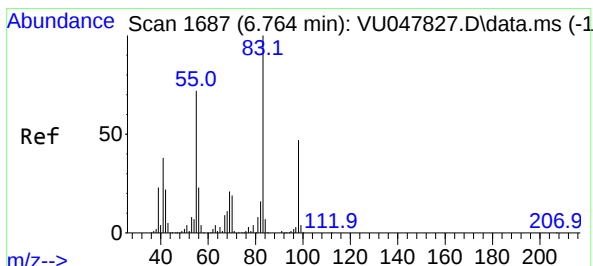
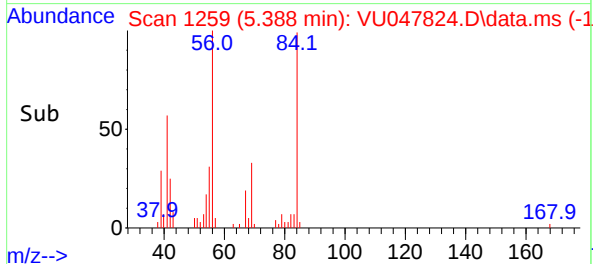
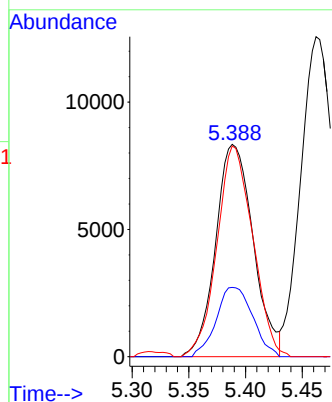
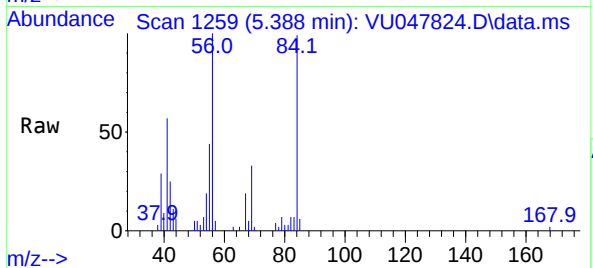


#19  
Cyclohexane  
Concen: 0.717 ug/l m  
RT: 5.388 min Scan# 1259  
Delta R.T. -0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion: 56 Resp: 19228

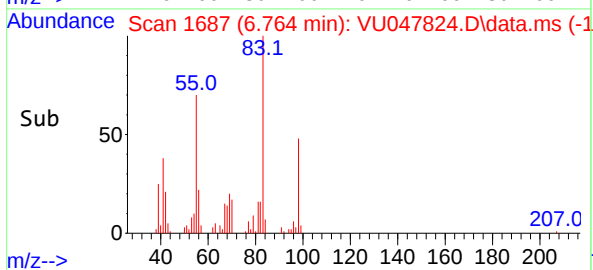
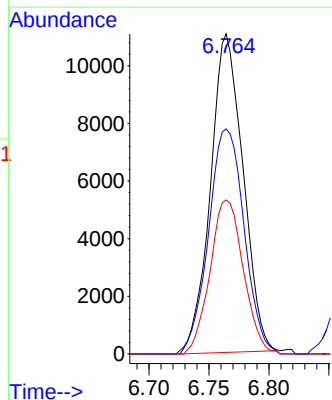
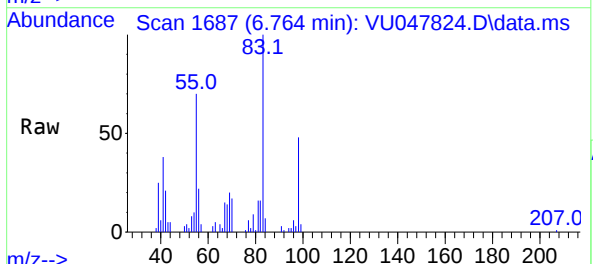
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.7  | 25.4  | 38.0  |
| 84  | 94.4  | 74.0  | 111.0 |

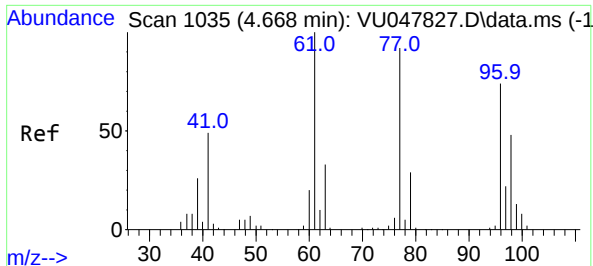


#20  
Methylcyclohexane  
Concen: 0.768 ug/l  
RT: 6.764 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 83 Resp: 20855

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 77.4  | 58.0  | 87.0  |
| 98  | 49.6  | 37.9  | 56.9  |

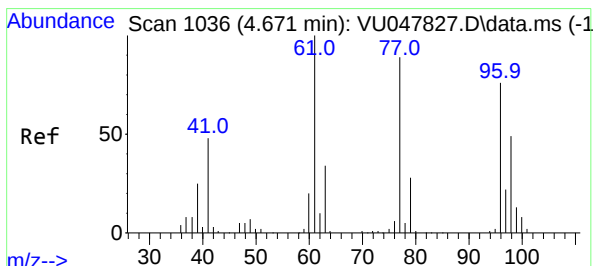
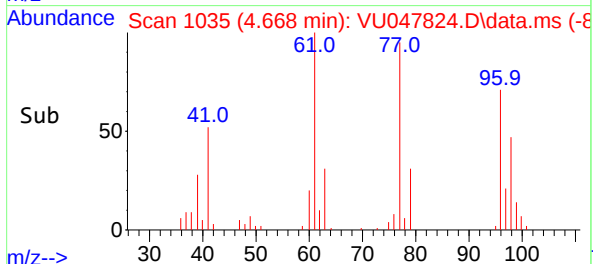
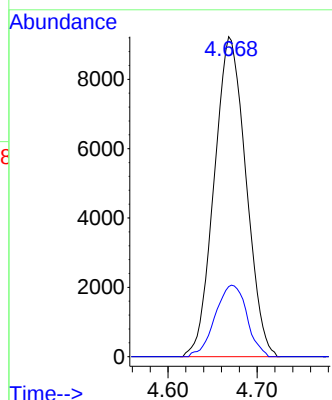
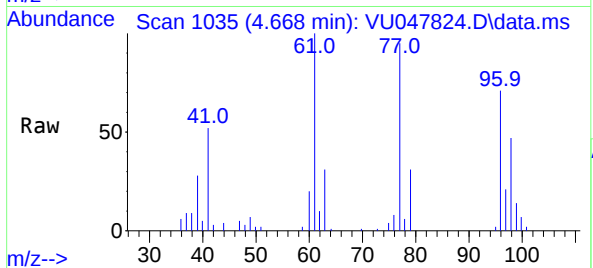




#21  
2,2-Dichloropropane  
Concen: 0.908 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

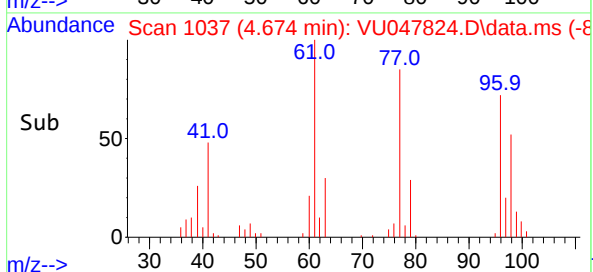
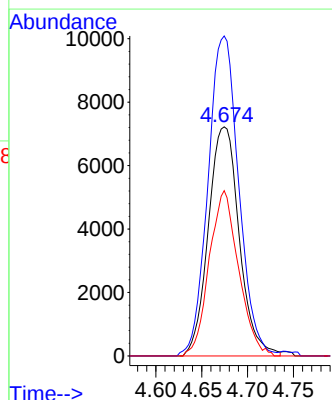
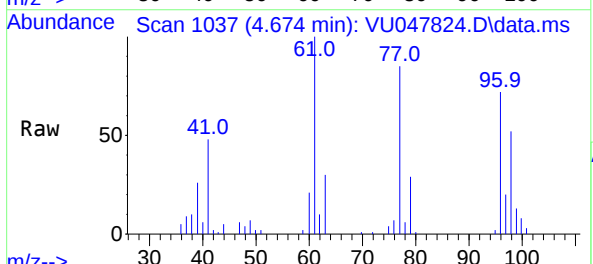
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

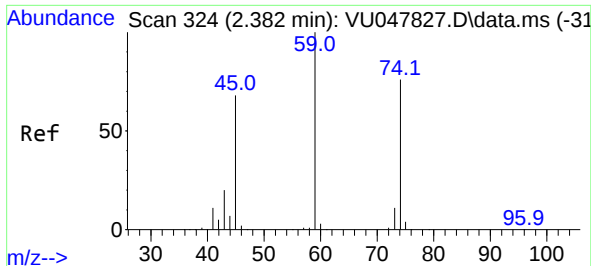
Tgt Ion: 77 Resp: 22830  
Ion Ratio Lower Upper  
77 100  
97 22.3 19.3 28.9



#22  
cis-1,2-Dichloroethene  
Concen: 0.961 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 96 Resp: 16944  
Ion Ratio Lower Upper  
96 100  
61 138.7 0.0 337.8  
98 68.5 32.5 97.5





#23

Diethyl Ether

Concen: 0.857 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

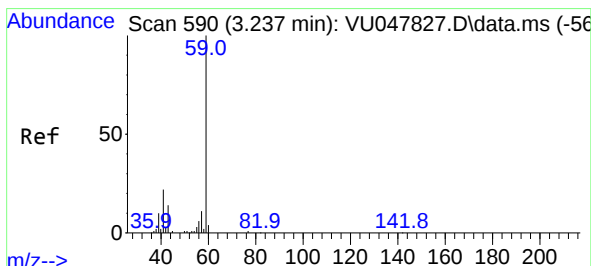
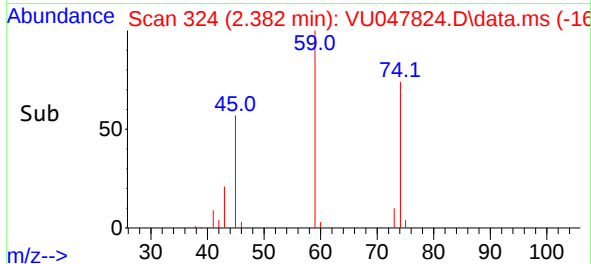
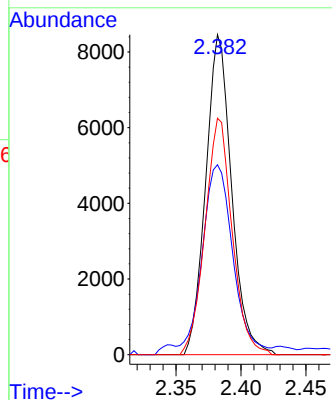
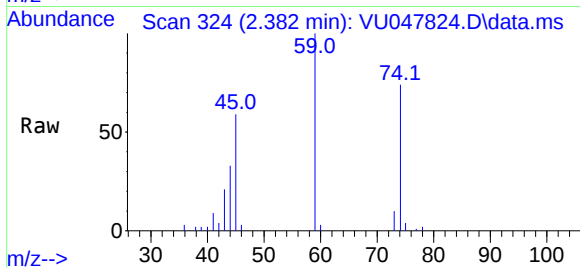
Tgt Ion: 59 Resp: 11744

Ion Ratio Lower Upper

59 100

45 66.5 55.8 83.6

74 77.2 60.6 91.0



#24

tert-Butyl Alcohol

Concen: 12.437 ug/l

RT: 3.234 min Scan# 589

Delta R.T. -0.003 min

Lab File: VU047824.D

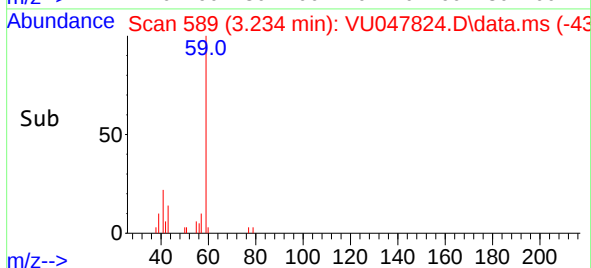
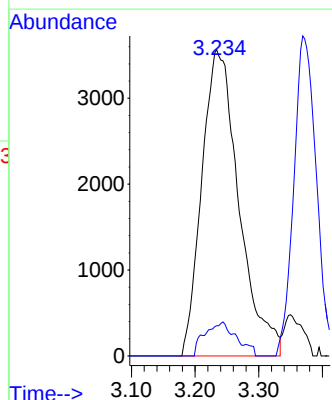
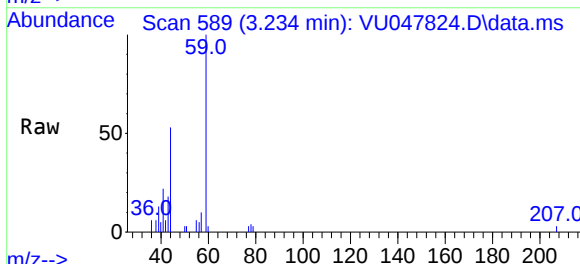
Acq: 06 Apr 2022 11:18

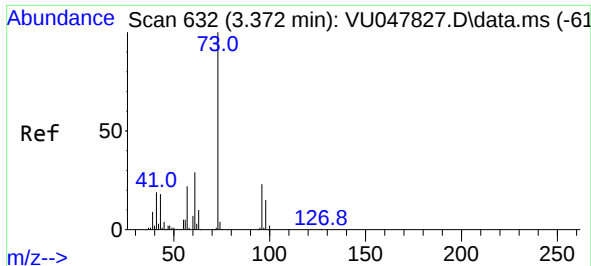
Tgt Ion: 59 Resp: 14419

Ion Ratio Lower Upper

59 100

57 8.6 8.4 12.6

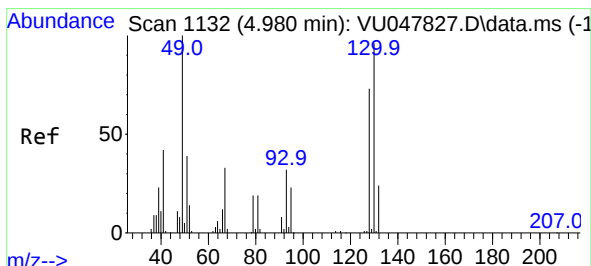
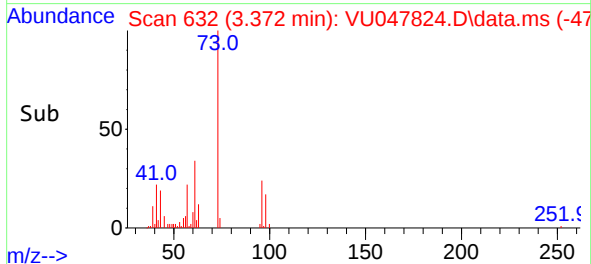
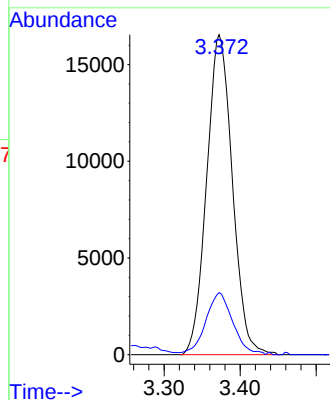
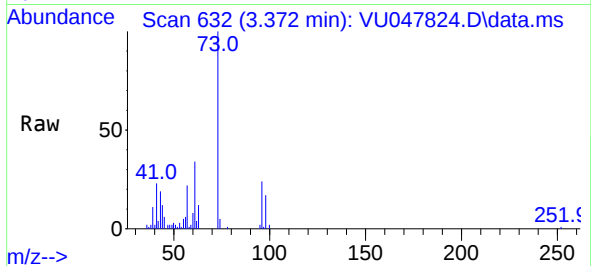




#25  
Methyl tert-Butyl Ether  
Concen: 0.946 ug/l  
RT: 3.372 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

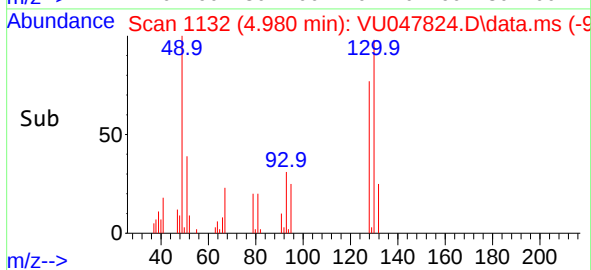
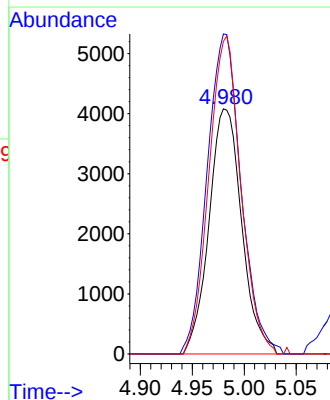
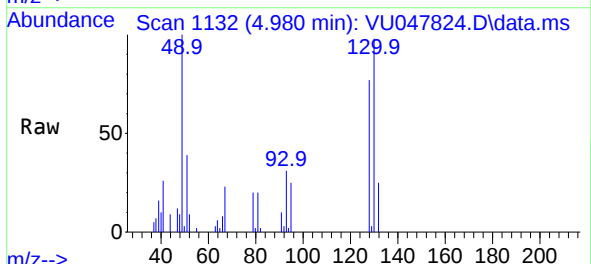
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

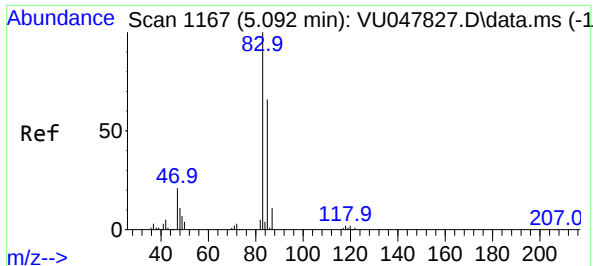
Tgt Ion: 73 Resp: 38859  
Ion Ratio Lower Upper  
73 100  
43 20.4 15.2 22.8



#26  
Bromochloromethane  
Concen: 1.155 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 128 Resp: 8926  
Ion Ratio Lower Upper  
128 100  
49 135.4 0.0 268.4  
130 127.0 102.9 154.3

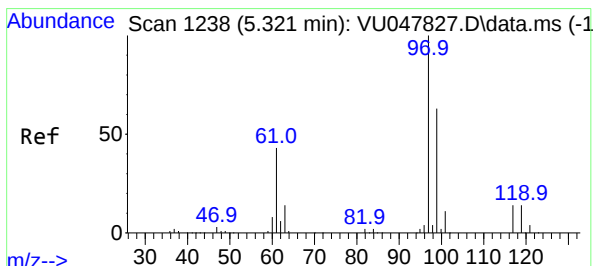
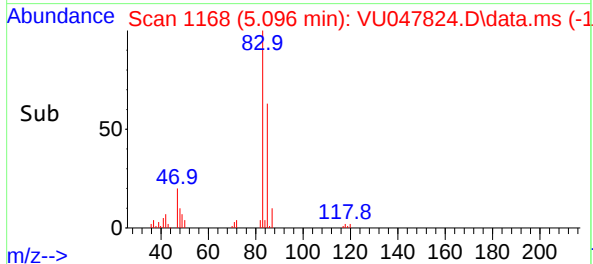
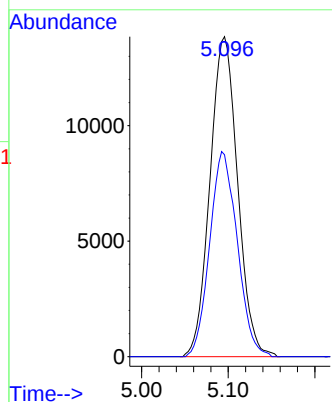
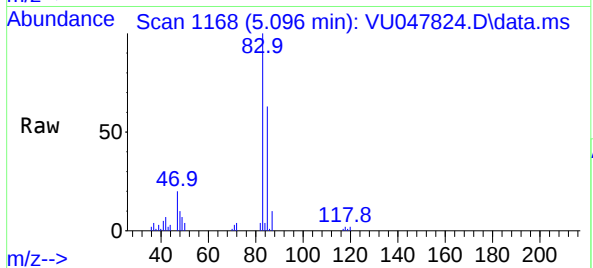




#27  
Chloroform  
Concen: 1.003 ug/l  
RT: 5.096 min Scan# 1167  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

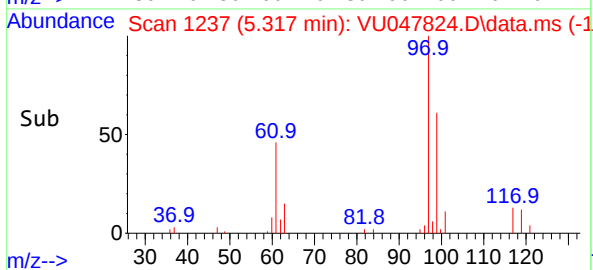
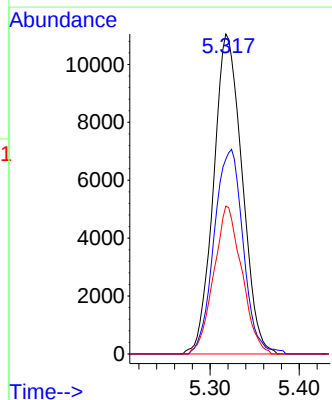
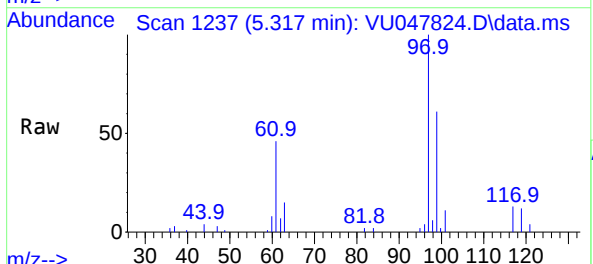
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

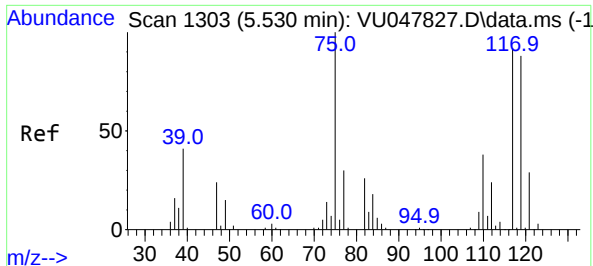
Tgt Ion: 83 Resp: 30760  
Ion Ratio Lower Upper  
83 100  
85 63.1 0.0 131.6



#28  
1,1,1-Trichloroethane  
Concen: 0.976 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. -0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 97 Resp: 24583  
Ion Ratio Lower Upper  
97 100  
99 65.2 31.9 95.5  
61 45.4 21.8 65.4

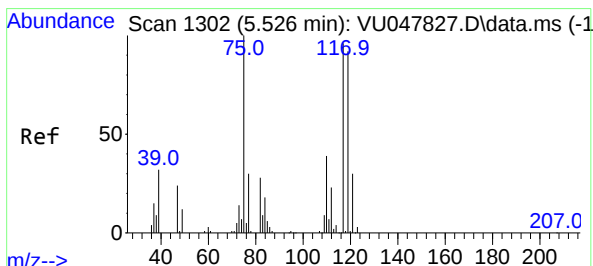
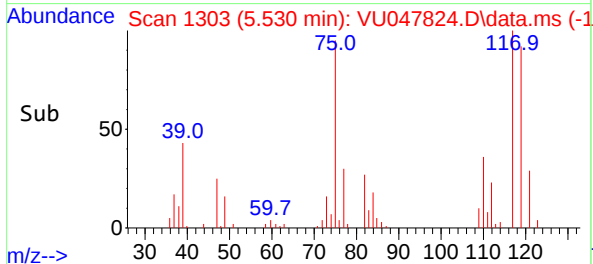
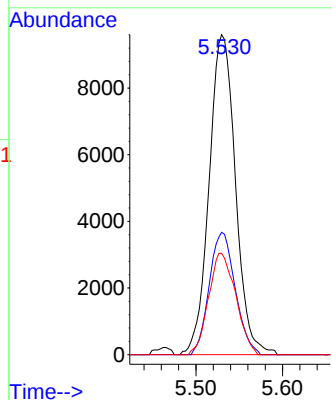
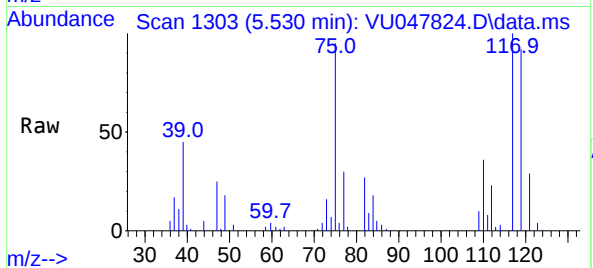




#29  
1,1-Dichloropropene  
Concen: 0.890 ug/l  
RT: 5.530 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

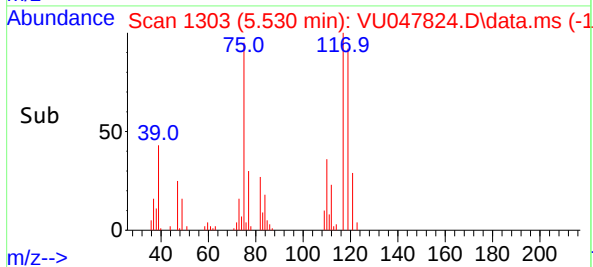
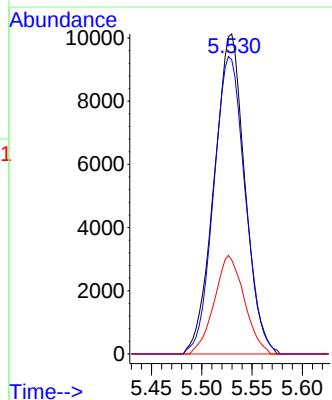
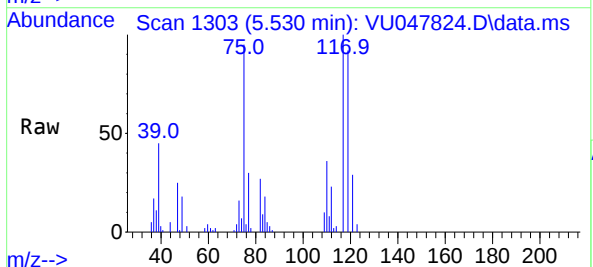
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

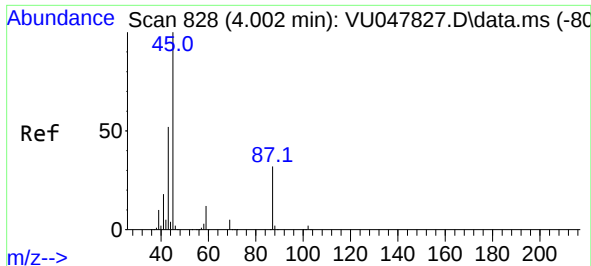
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 20330 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.6  | 19.1  | 57.5  |
| 77       | 32.6  | 24.7  | 37.1  |



#30  
Carbon Tetrachloride  
Concen: 1.079 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 21499 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.0  | 77.2  | 115.8 |
| 121      | 29.4  | 25.0  | 37.6  |

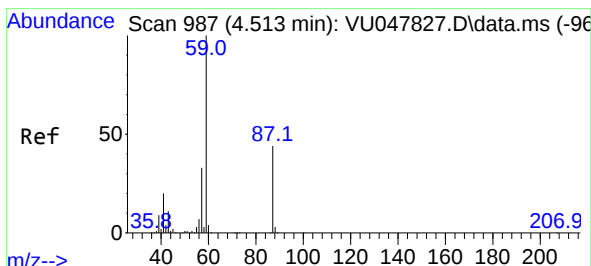
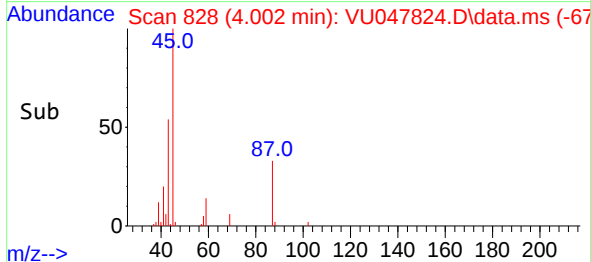
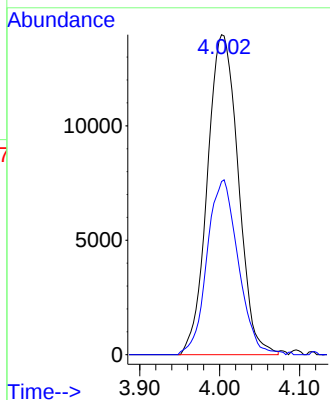
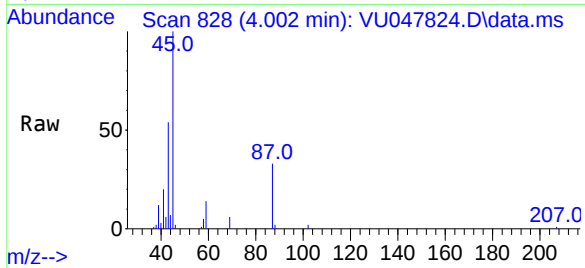




#31  
Isopropyl Ether  
Concen: 0.814 ug/l  
RT: 4.002 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

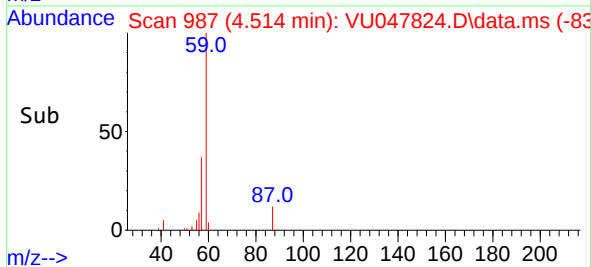
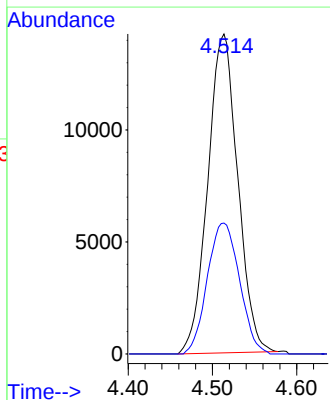
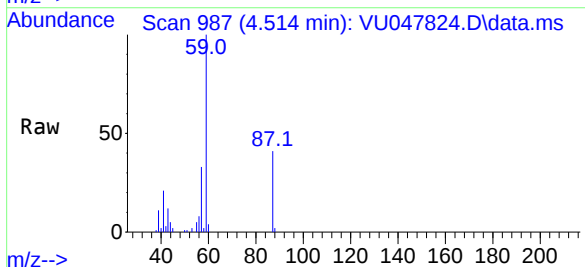
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

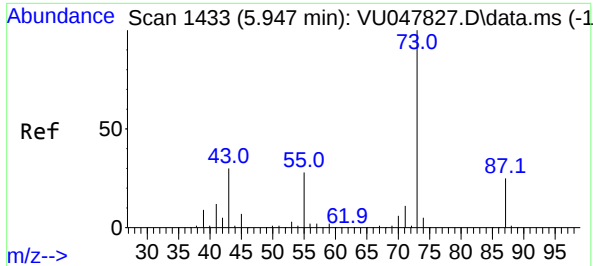
Tgt Ion: 45 Resp: 37516  
Ion Ratio Lower Upper  
45 100  
43 55.2 26.1 78.2



#32  
Ethyl-t-butyl ether  
Concen: 0.761 ug/l  
RT: 4.514 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 59 Resp: 35170  
Ion Ratio Lower Upper  
59 100  
87 44.1 35.7 53.5

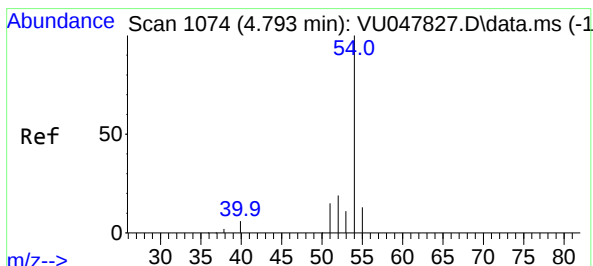
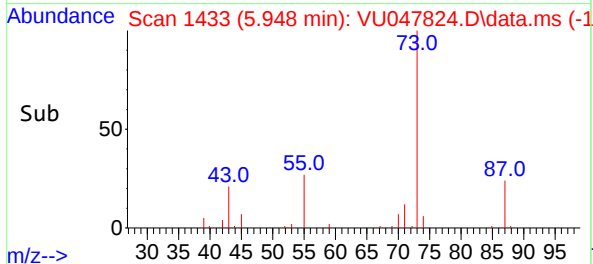
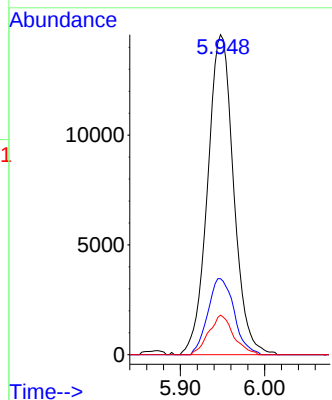
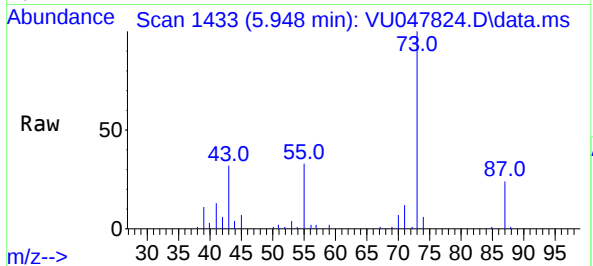




Tert-Amyl methyl ether  
Concen: 0.759 ug/l  
RT: 5.948 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

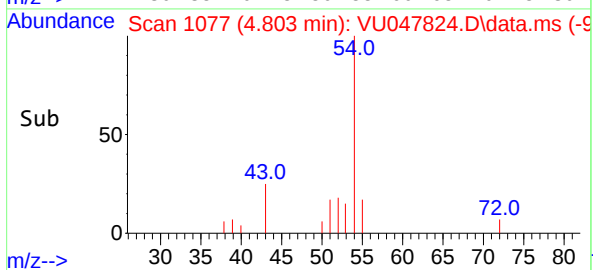
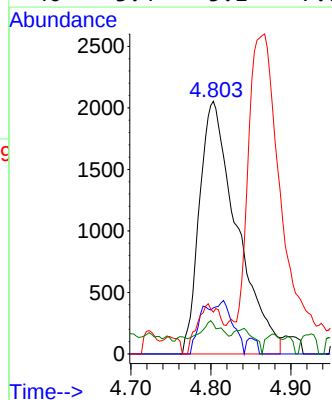
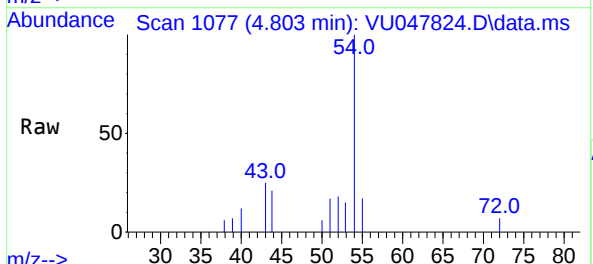
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MSVOA\_U  
ClientSampleId :  
VSTDIC001

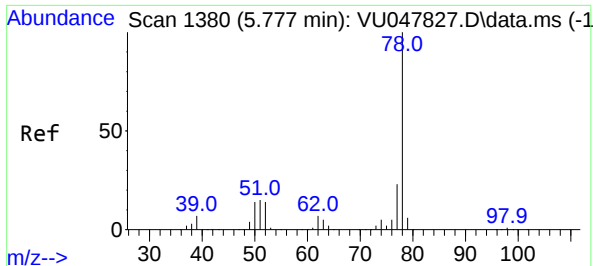
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 31247 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 24.0     | 19.9 29.9   |
| 71 11.7     | 9.2 13.8    |



Propionitrile  
Concen: 4.715 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. 0.010 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 6675  |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 6.6      | 16.2 24.4#  |
| 55 12.7     | 11.0 16.6   |
| 40 3.4      | 5.1 7.7#    |

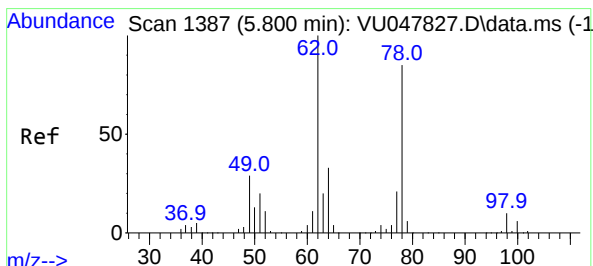
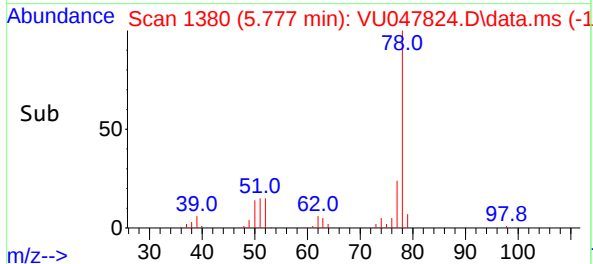
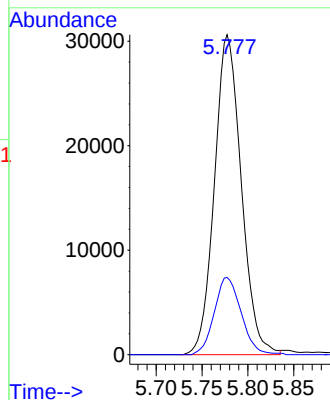
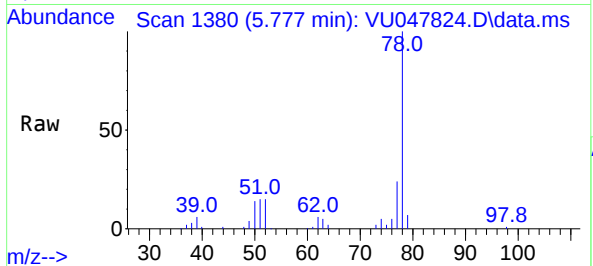




#35  
Benzene  
Concen: 0.940 ug/l  
RT: 5.777 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

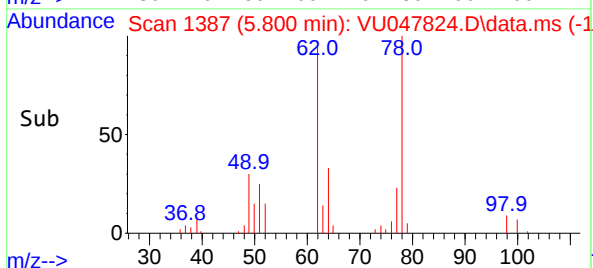
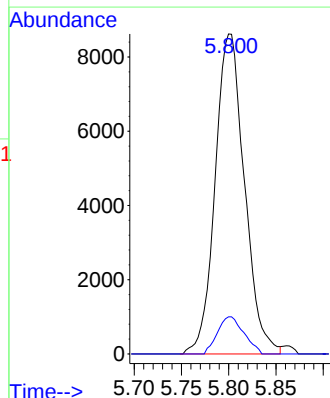
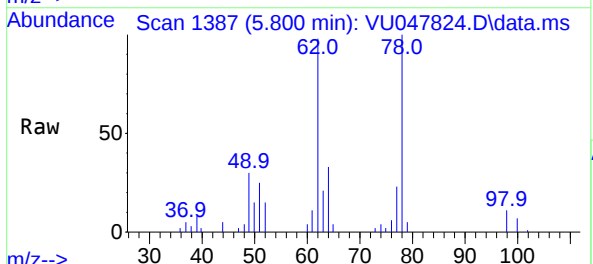
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MSVOA\_U  
ClientSampleId :  
VSTDIC001

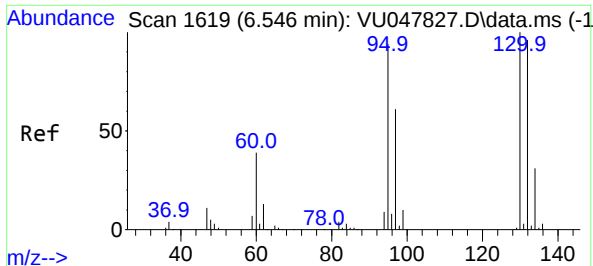
Tgt Ion: 78 Resp: 62303  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.7 28.1



#36  
1,2-Dichloroethane  
Concen: 0.891 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 62 Resp: 18613  
Ion Ratio Lower Upper  
62 100  
98 10.4 7.7 11.5

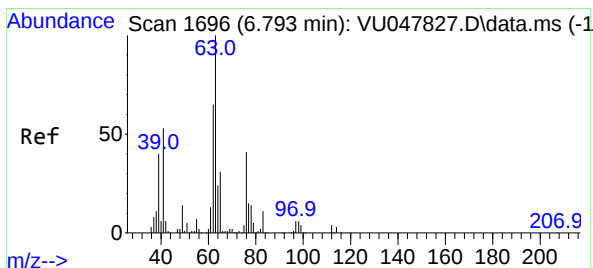
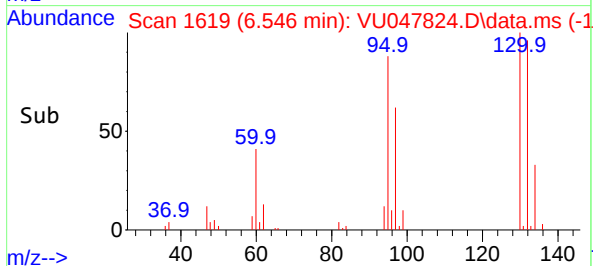
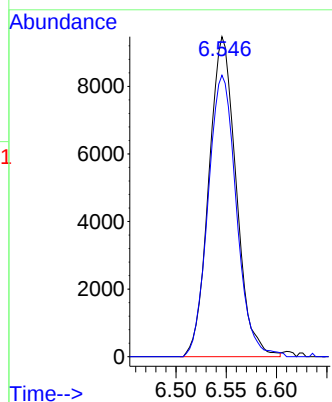
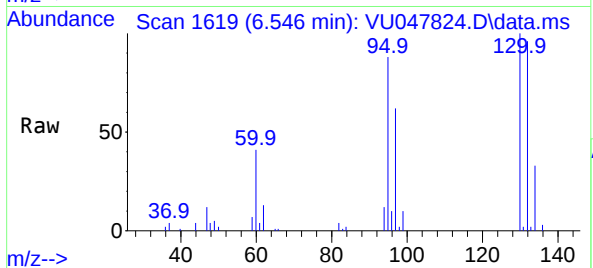




#37  
Trichloroethene  
Concen: 1.082 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

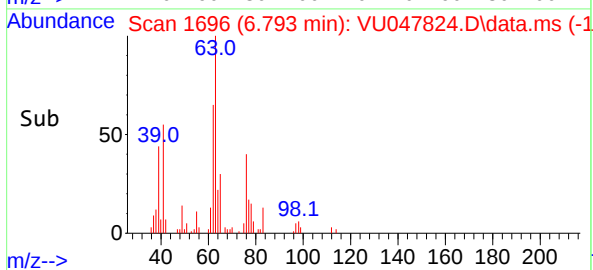
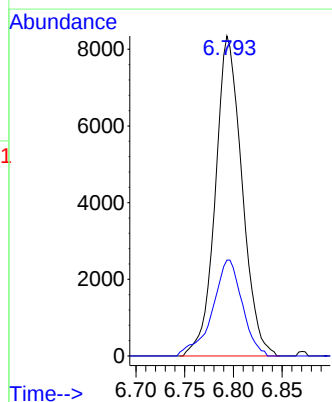
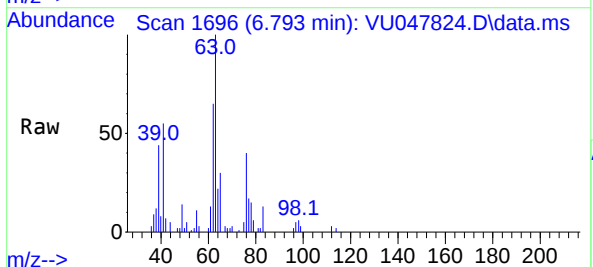
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ClientSampleId :  
VSTDIC001

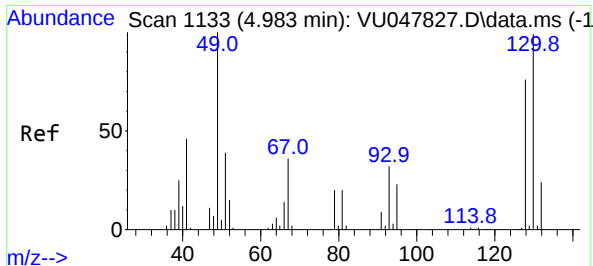
Tgt Ion:130 Resp: 17885  
Ion Ratio Lower Upper  
130 100  
95 88.0 75.4 113.2



#38  
1,2-Dichloropropane  
Concen: 0.928 ug/l  
RT: 6.793 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 63 Resp: 15900  
Ion Ratio Lower Upper  
63 100  
65 30.0 24.9 37.3





#39

Methacrylonitrile

Concen: 0.726 ug/l

RT: 4.993 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 4055

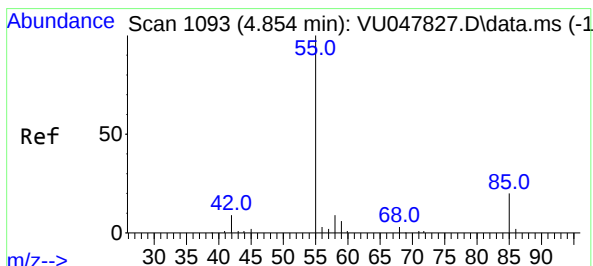
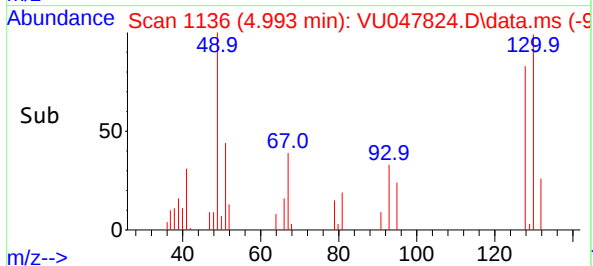
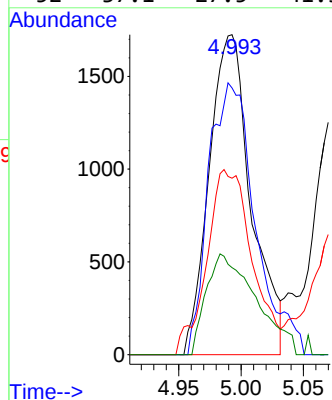
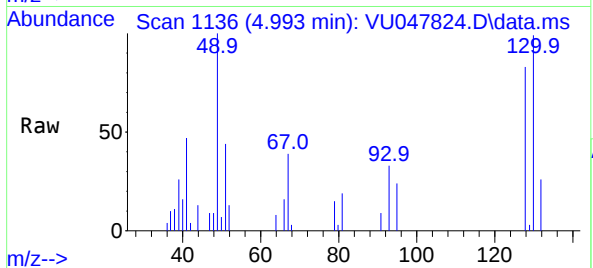
Ion Ratio Lower Upper

41 100

67 94.4 65.3 97.9

39 62.1 43.6 65.4

52 37.1 27.5 41.3



#40

Methyl acrylate

Concen: 0.785 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.013 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Tgt Ion: 55 Resp: 7182

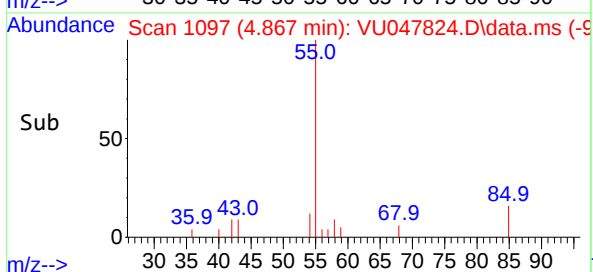
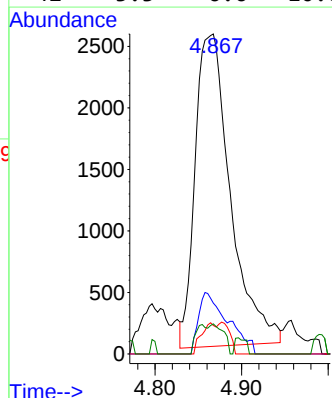
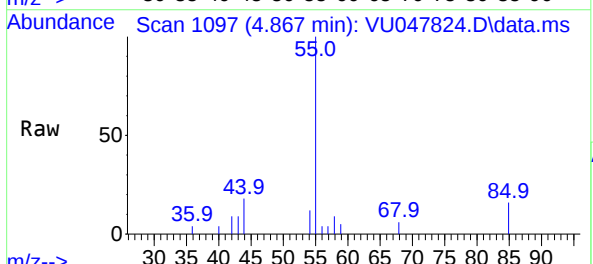
Ion Ratio Lower Upper

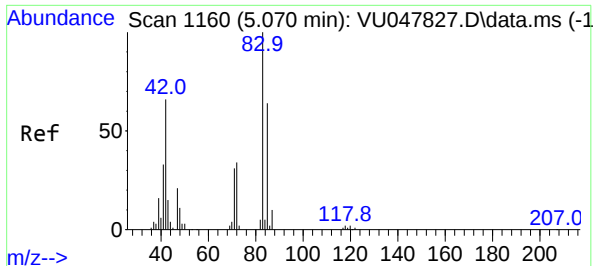
55 100

85 16.4 14.6 21.8

58 4.2 6.7 10.1#

42 3.3 6.6 10.0#





#41

Tetrahydrofuran

Concen: 1.627 ug/l

RT: 5.076 min Scan# 1160

Delta R.T. 0.007 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

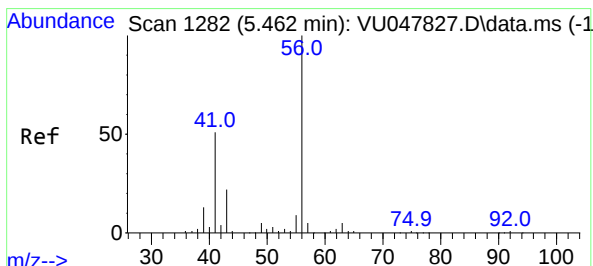
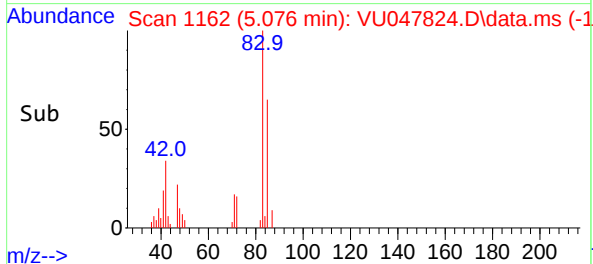
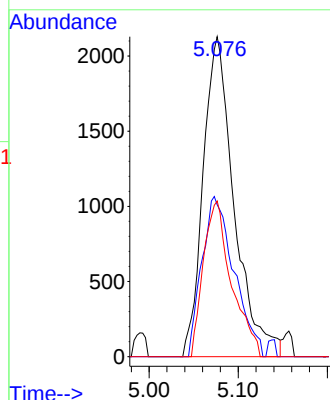
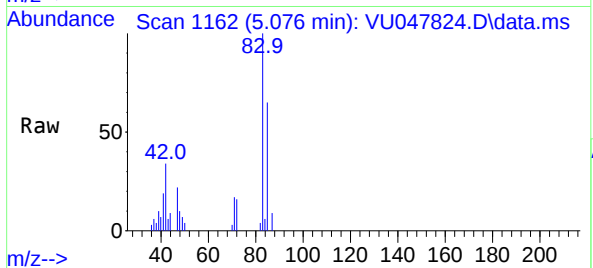
Tgt Ion: 42 Resp: 5149

Ion Ratio Lower Upper

42 100

72 51.9 43.8 65.8

71 44.1 37.4 56.0



#42

1-Chlorobutane

Concen: 0.822 ug/l

RT: 5.462 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VU047824.D

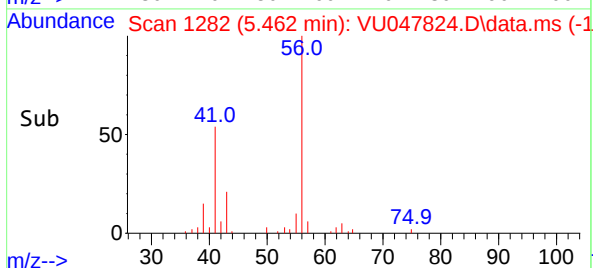
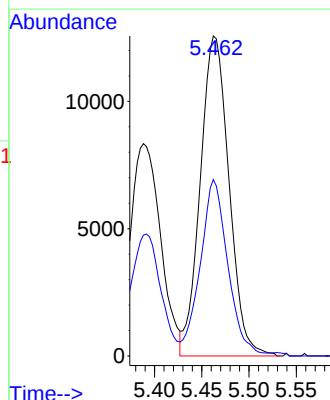
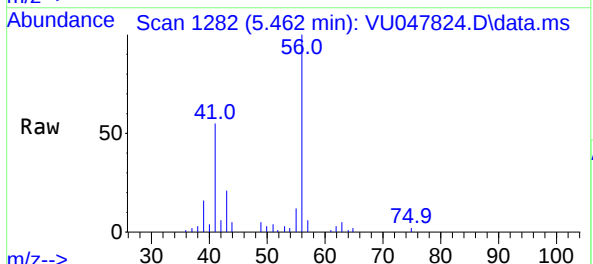
Acq: 06 Apr 2022 11:18

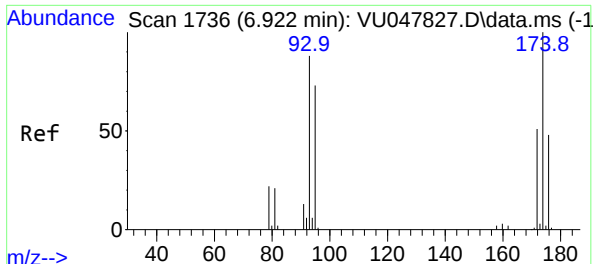
Tgt Ion: 56 Resp: 26601

Ion Ratio Lower Upper

56 100

41 51.1 25.6 76.6



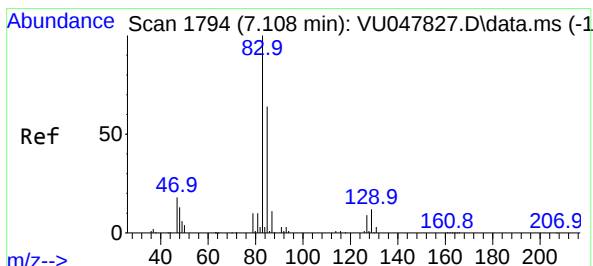
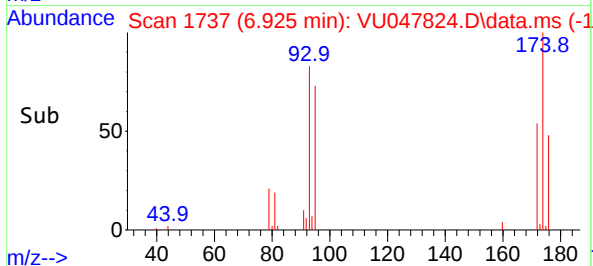
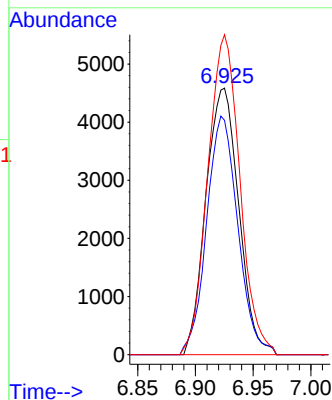
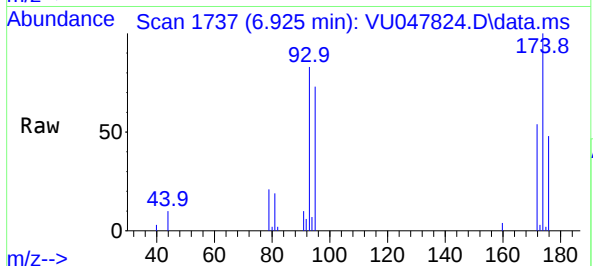


#43  
Dibromomethane  
Concen: 1.048 ug/l  
RT: 6.925 min Scan# 1736  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion: 93 Resp: 9083

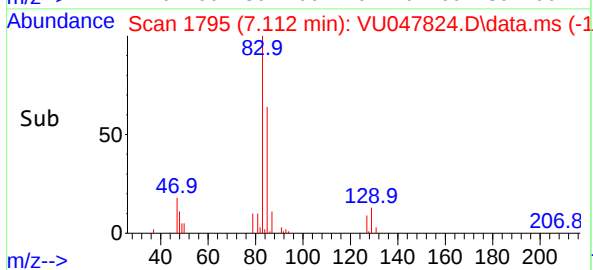
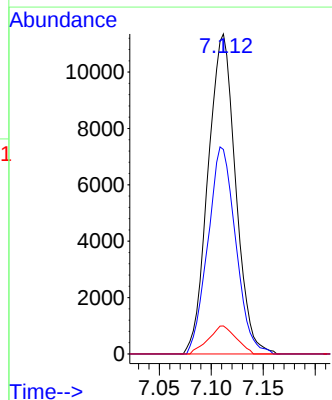
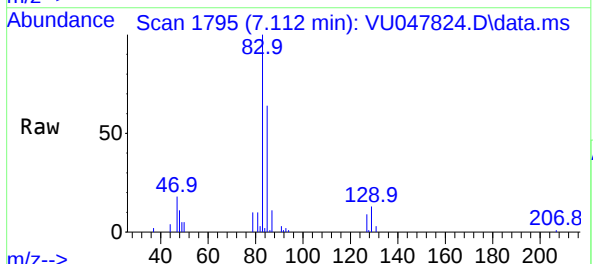
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 85.1  | 67.0  | 100.4 |
| 174 | 117.1 | 89.8  | 134.8 |

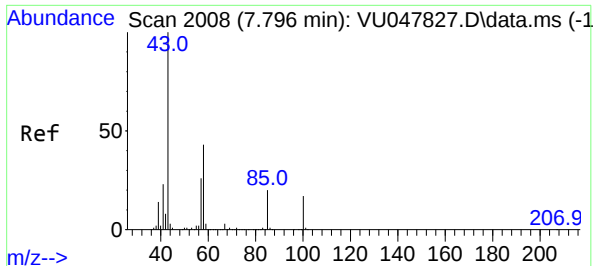


#44  
Bromodichloromethane  
Concen: 0.979 ug/l  
RT: 7.112 min Scan# 1795  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 83 Resp: 20916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.9  | 50.8  | 76.2  |
| 127 | 9.7   | 7.4   | 11.2  |





#45

4-Methyl-2-Pentanone

Concen: 3.858 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC001

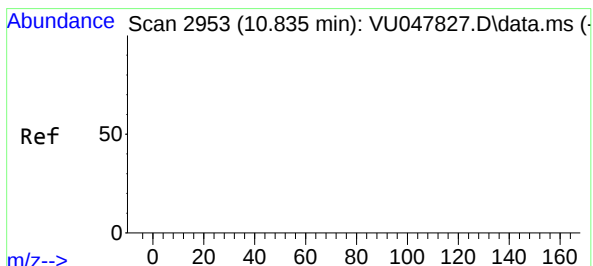
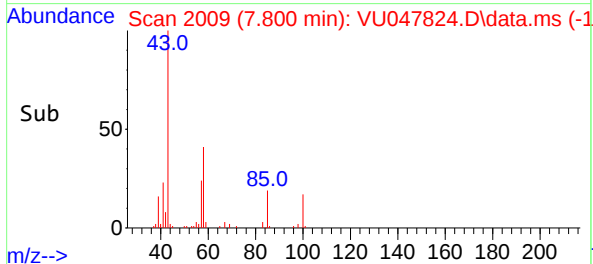
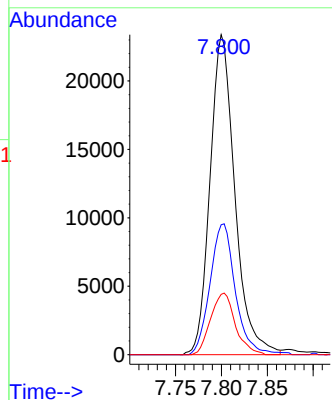
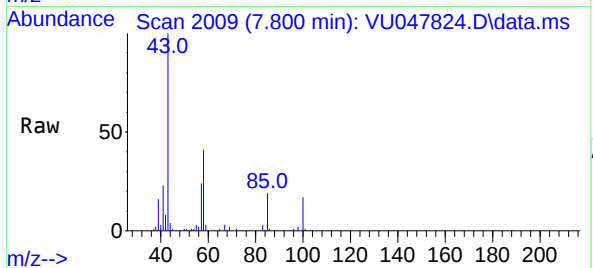
Tgt Ion: 43 Resp: 44018

Ion Ratio Lower Upper

43 100

58 41.8 21.1 63.4

85 19.1 16.2 24.2



#46

t-1,4-Dichloro-2-butene

Concen: 1.888 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Tgt Ion: 75 Resp: 7803

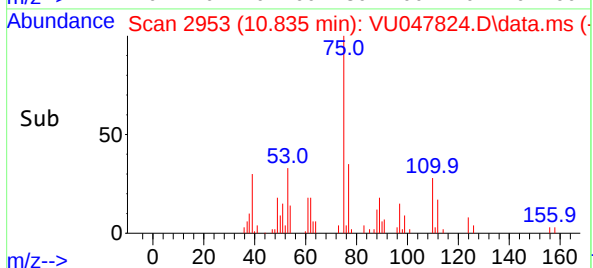
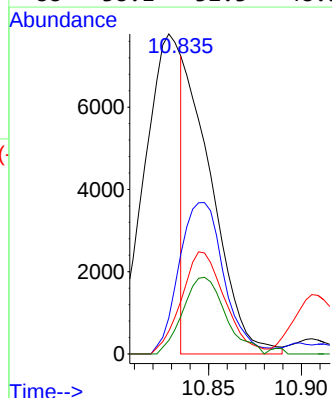
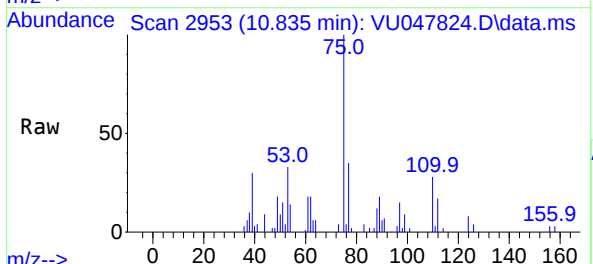
Ion Ratio Lower Upper

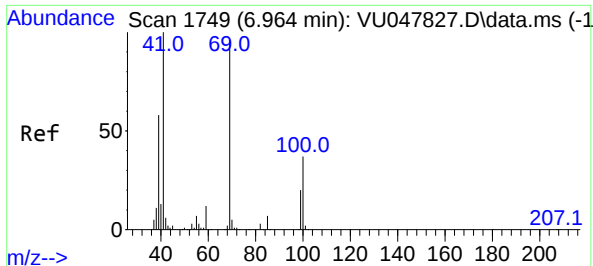
75 100

53 79.7 63.4 95.2

89 51.9 43.6 65.4

88 38.1 32.3 48.5





#47

Methyl methacrylate

Concen: 1.576 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 13463

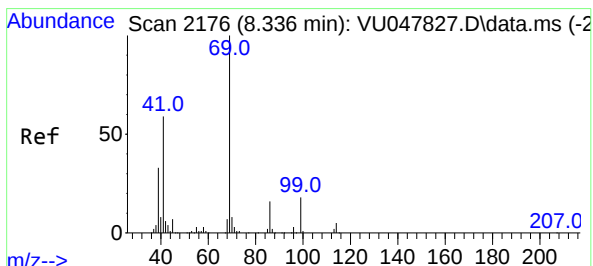
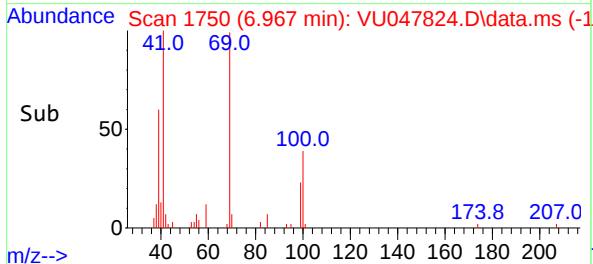
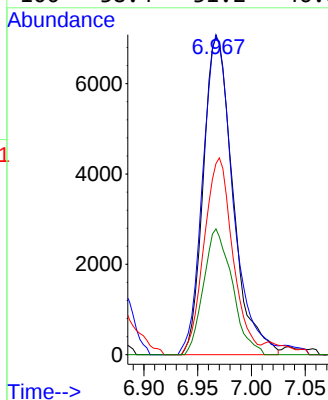
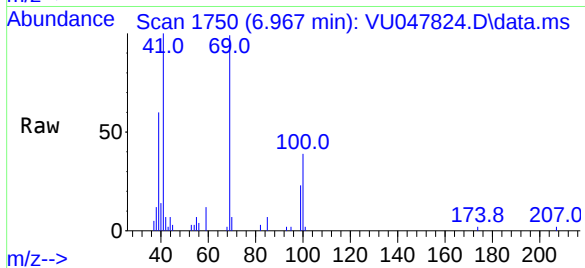
Ion Ratio Lower Upper

69 100

41 102.7 0.0 205.0

39 60.1 47.9 71.9

100 38.4 31.2 46.8



#48

Ethyl methacrylate

Concen: 0.688 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU047824.D

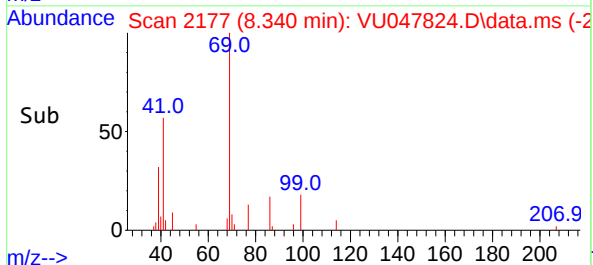
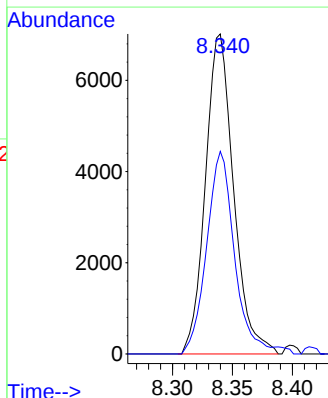
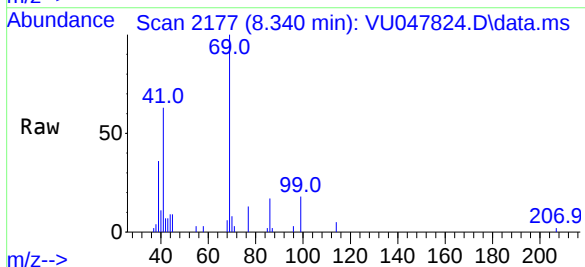
Acq: 06 Apr 2022 11:18

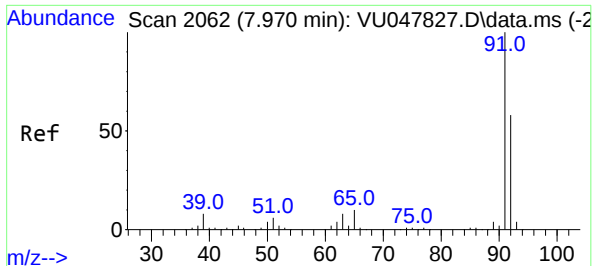
Tgt Ion: 69 Resp: 11457

Ion Ratio Lower Upper

69 100

41 63.2 29.8 89.4





#49

Toluene

Concen: 0.873 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

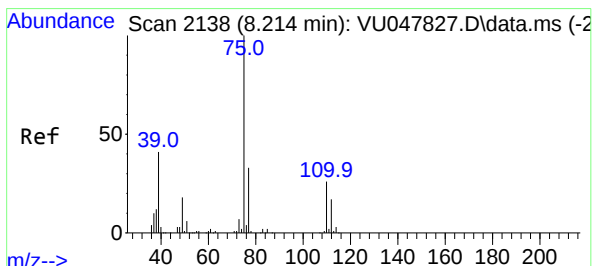
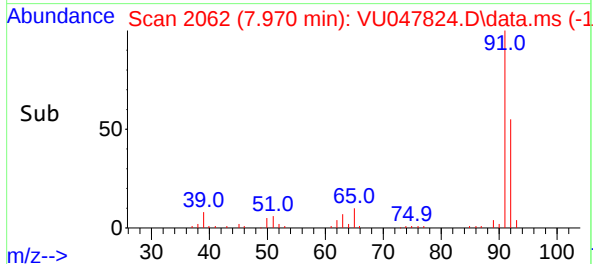
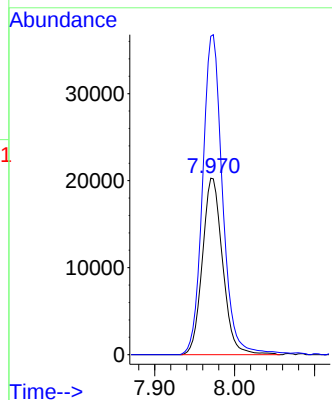
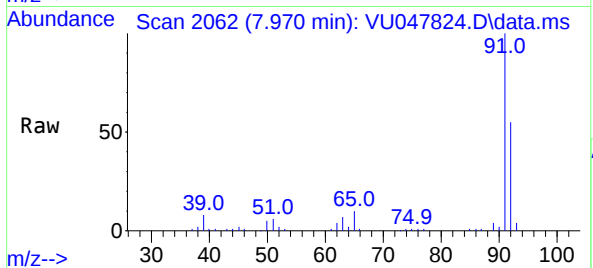
VSTDIC001

Tgt Ion: 92 Resp: 35753

Ion Ratio Lower Upper

92 100

91 179.1 137.4 206.0



#50

t-1,3-Dichloropropene

Concen: 0.860 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047824.D

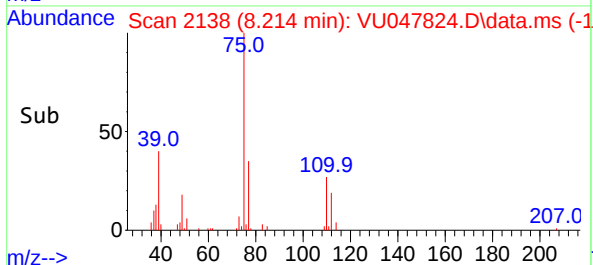
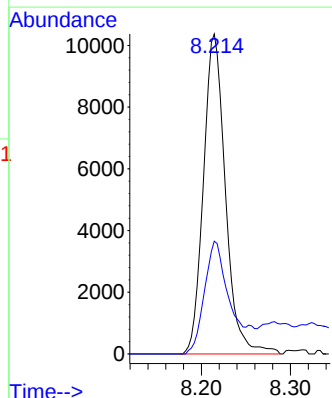
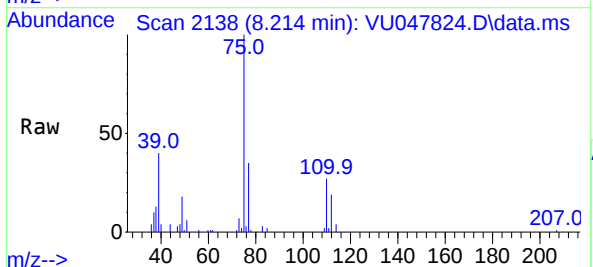
Acq: 06 Apr 2022 11:18

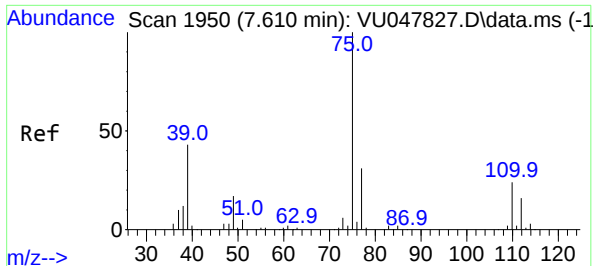
Tgt Ion: 75 Resp: 17782

Ion Ratio Lower Upper

75 100

77 35.2 26.0 39.0



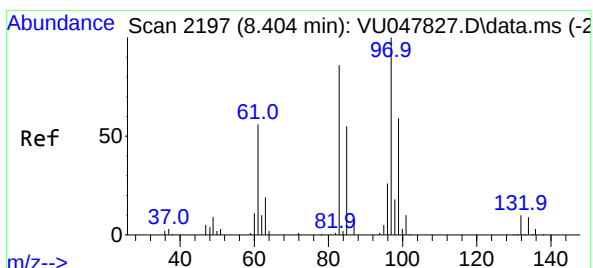
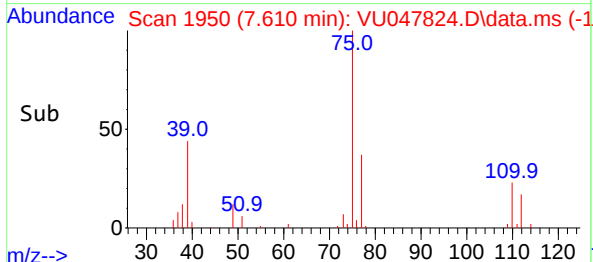
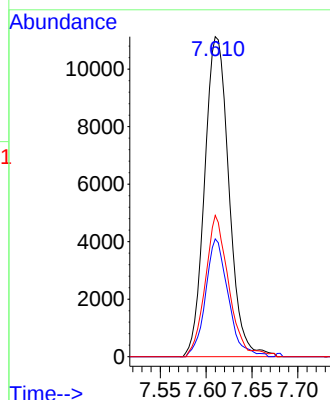
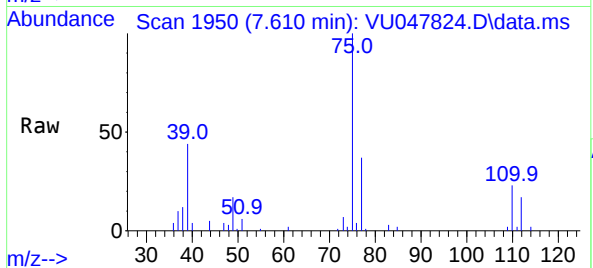


#51  
 cis-1,3-Dichloropropene  
 Concen: 0.855 ug/l  
 RT: 7.610 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 75 Resp: 20578

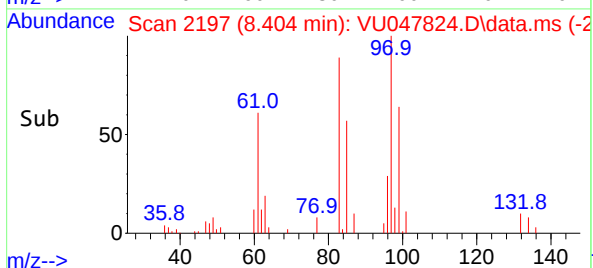
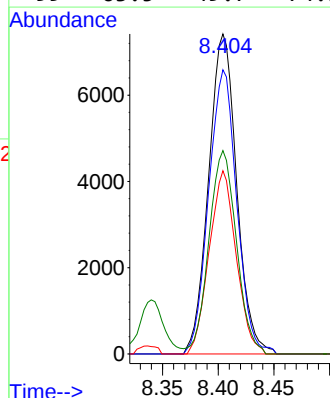
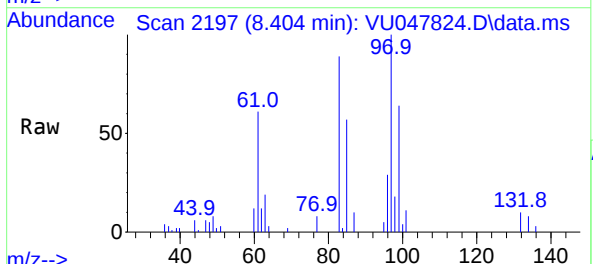
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 36.8  | 25.1  | 37.7  |
| 39  | 44.1  | 34.2  | 51.4  |

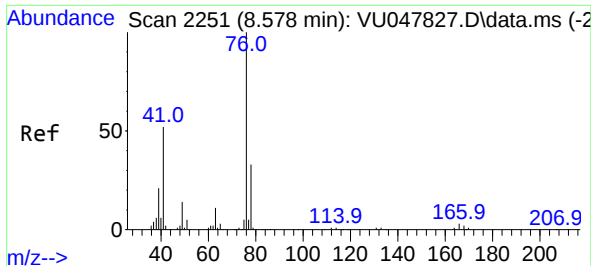


#52  
 1,1,2-Trichloroethane  
 Concen: 1.042 ug/l  
 RT: 8.404 min Scan# 2197  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

Tgt Ion: 97 Resp: 13006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.8  | 68.8  | 103.2 |
| 85  | 57.2  | 44.2  | 66.4  |
| 99  | 63.5  | 49.7  | 74.5  |

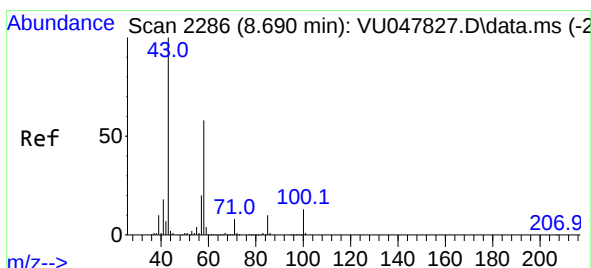
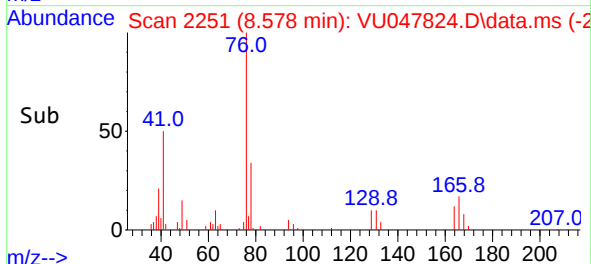
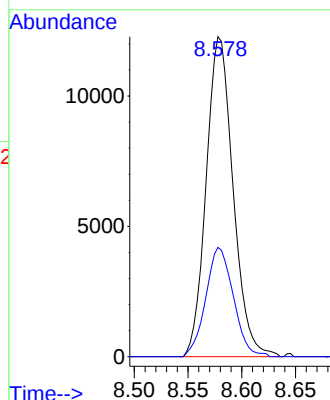
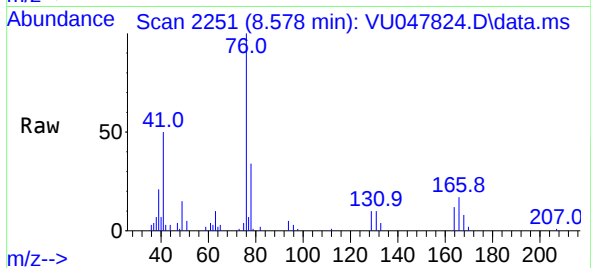




#53  
1,3-Dichloropropane  
Concen: 0.936 ug/l  
RT: 8.578 min Scan# 21367  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

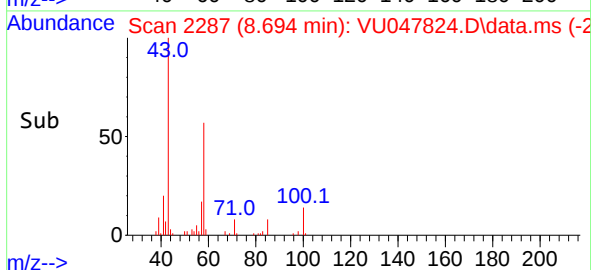
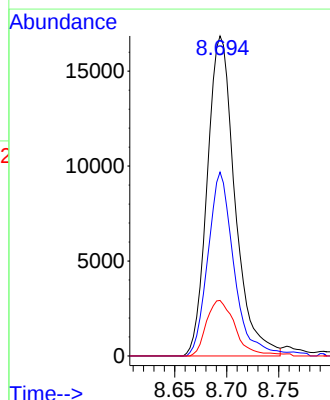
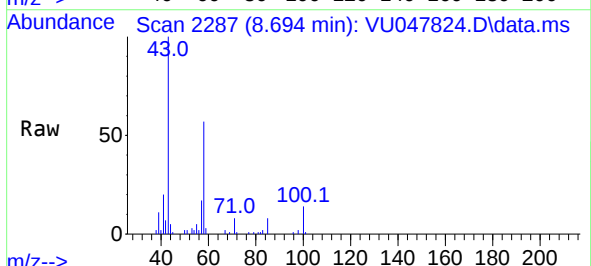
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

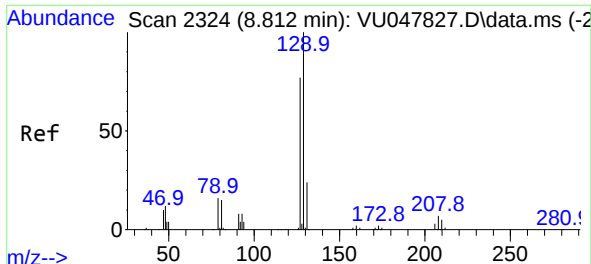
Tgt Ion: 76 Resp: 21367  
Ion Ratio Lower Upper  
76 100  
78 35.0 26.1 39.1



#54  
2-Hexanone  
Concen: 3.578 ug/l  
RT: 8.694 min Scan# 2287  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 43 Resp: 31247  
Ion Ratio Lower Upper  
43 100  
58 54.0 37.9 77.9  
57 18.2 0.0 39.5

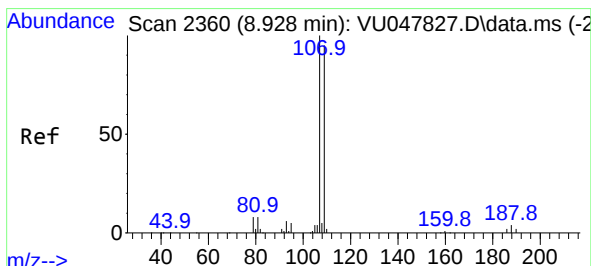
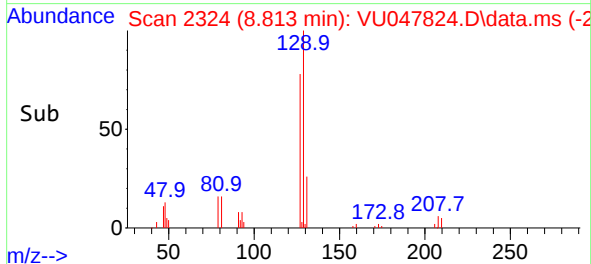
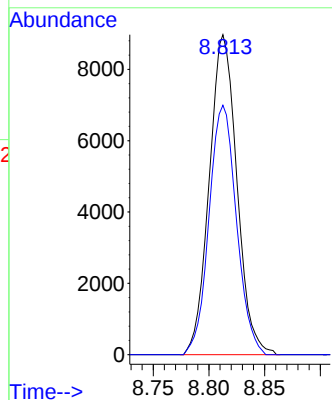
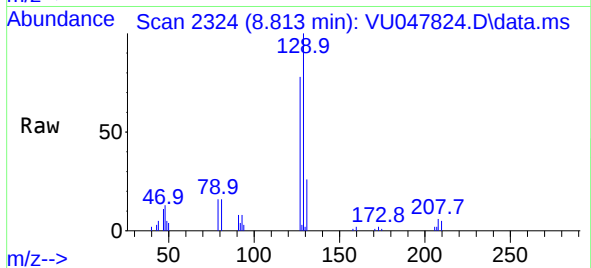




#55  
Dibromochloromethane  
Concen: 1.157 ug/l  
RT: 8.813 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

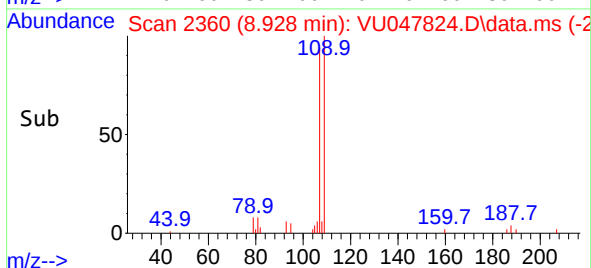
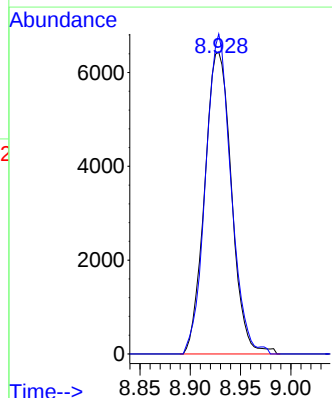
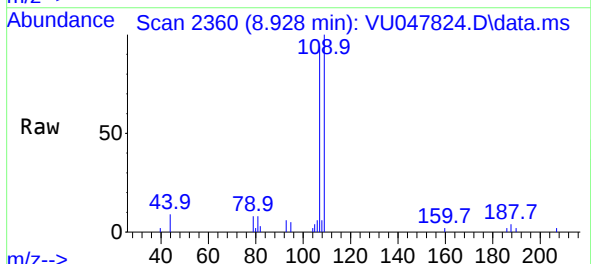
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

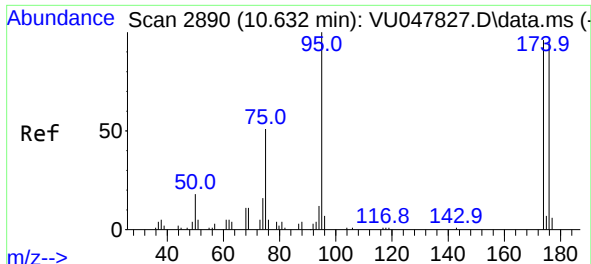
Tgt Ion:129 Resp: 15490  
Ion Ratio Lower Upper  
129 100  
127 77.2 61.8 92.8



#56  
1,2-Dibromoethane  
Concen: 1.014 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:107 Resp: 11951  
Ion Ratio Lower Upper  
107 100  
109 100.6 0.0 186.8

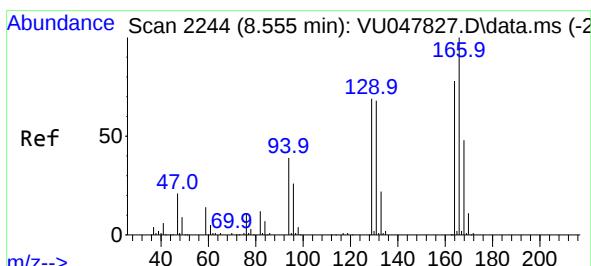
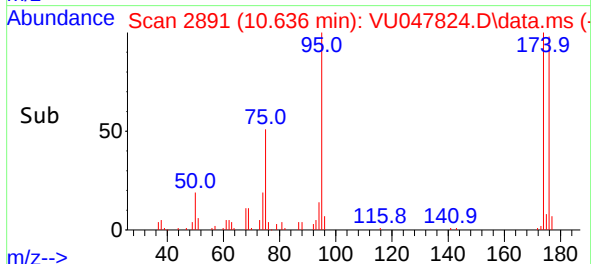
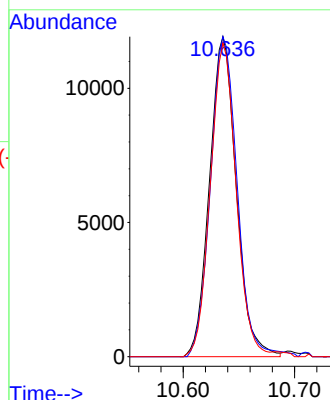
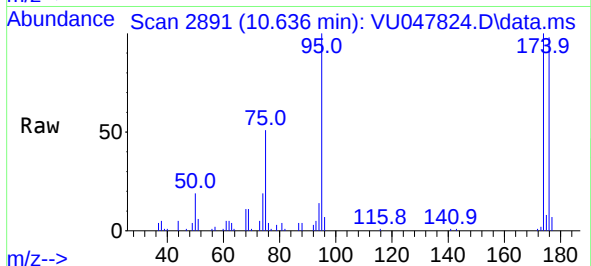




#57  
4-Bromofluorobenzene  
Concen: 0.947 ug/l  
RT: 10.636 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

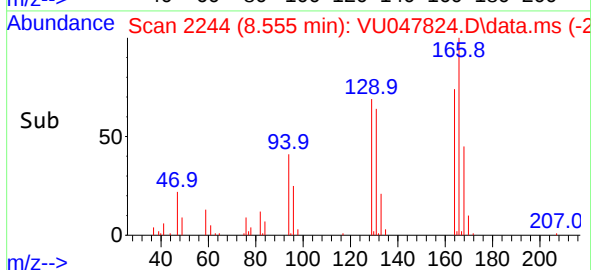
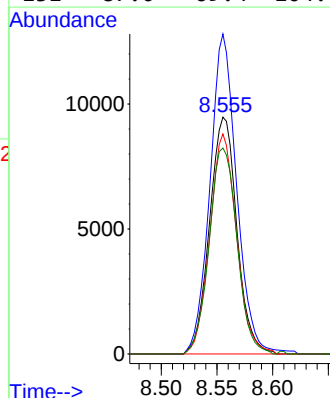
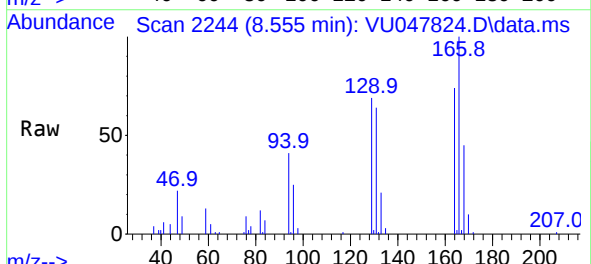
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

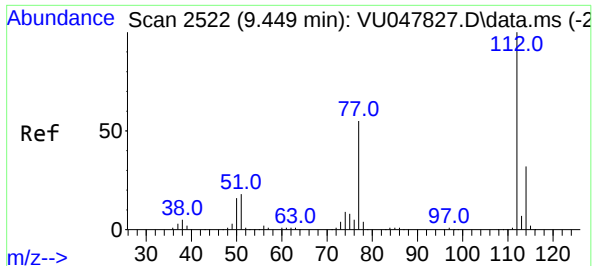
Tgt Ion: 95 Resp: 19900  
Ion Ratio Lower Upper  
95 100  
174 99.7 76.9 115.3  
176 94.3 76.4 114.6



#58  
Tetrachloroethene  
Concen: 1.078 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 164 Resp: 16165  
Ion Ratio Lower Upper  
164 100  
166 135.1 102.6 154.0  
129 92.9 71.1 106.7  
131 87.0 69.4 104.0





#59

Chlorobenzene

Concen: 1.025 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

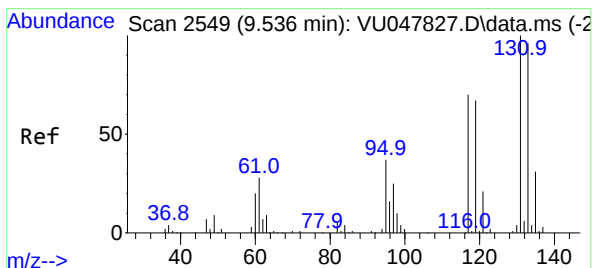
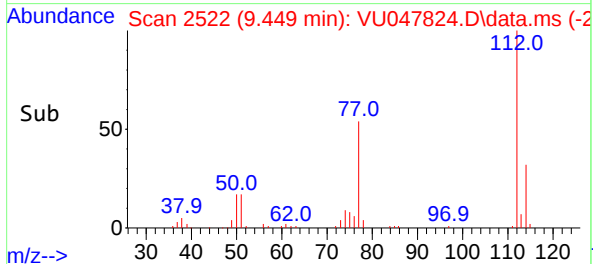
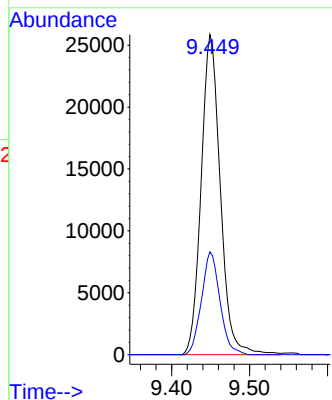
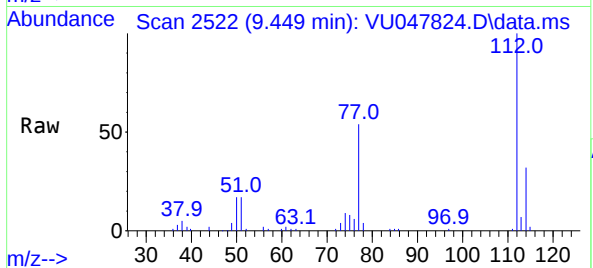
VSTDIC001

Tgt Ion:112 Resp: 44138

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#60

1,1,1,2-Tetrachloroethane

Concen: 1.082 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

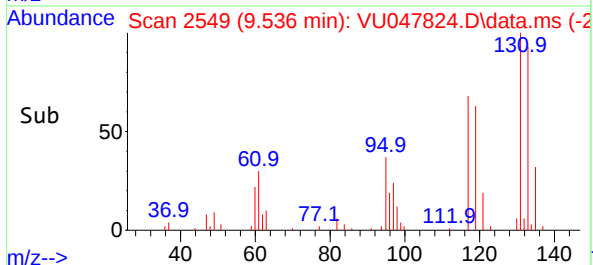
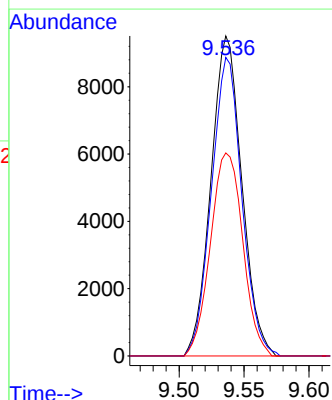
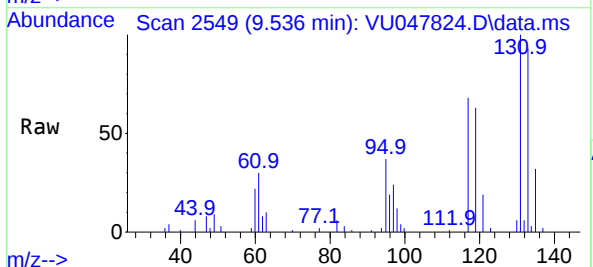
Tgt Ion:131 Resp: 15701

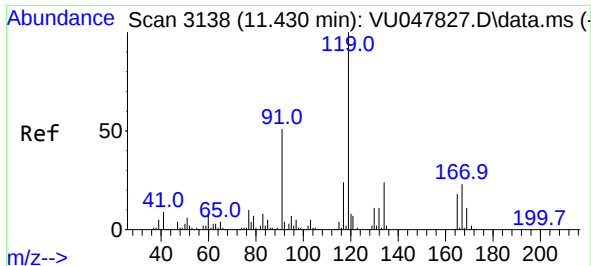
Ion Ratio Lower Upper

131 100

133 92.1 76.6 115.0

119 66.5 53.1 79.7

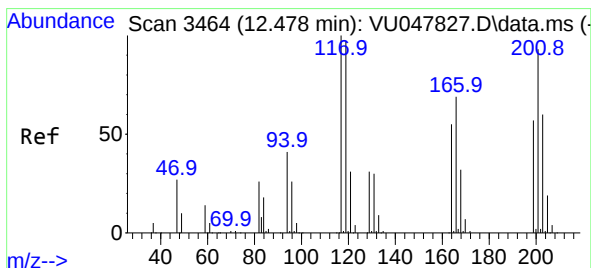
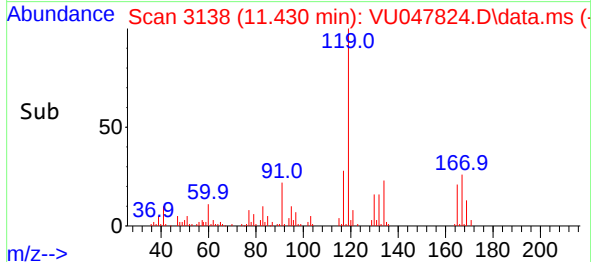
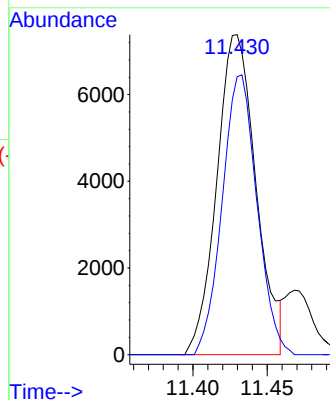
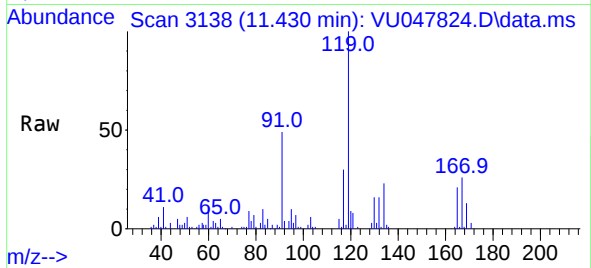




#61  
Pentachloroethane  
Concen: 1.267 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

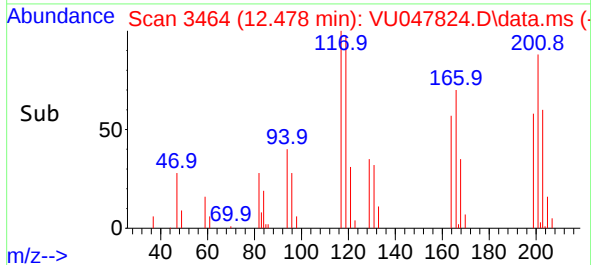
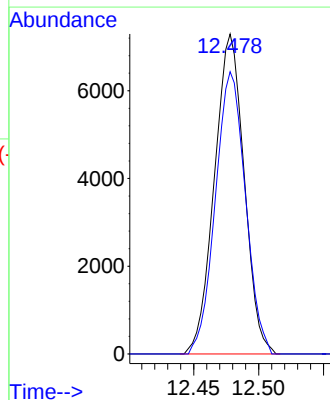
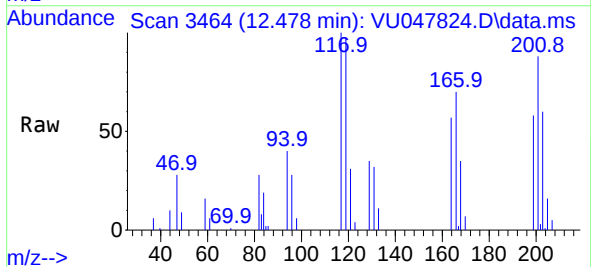
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

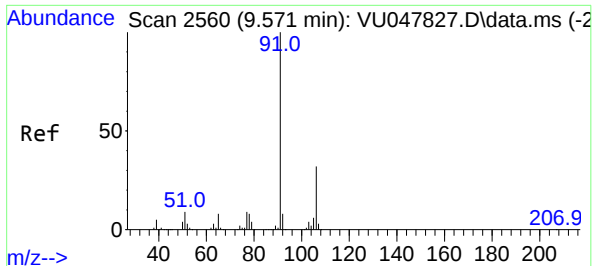
Tgt Ion:117 Resp: 13579  
Ion Ratio Lower Upper  
117 100  
167 77.6 71.0 106.4



#62  
Hexachloroethane  
Concen: 1.051 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:117 Resp: 11583  
Ion Ratio Lower Upper  
117 100  
201 89.1 74.8 112.2





#63

Ethyl Benzene

Concen: 0.814 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047824.D

Acq: 06 Apr 2022 11:18

Instrument :

MSVOA\_U

ClientSampleId :

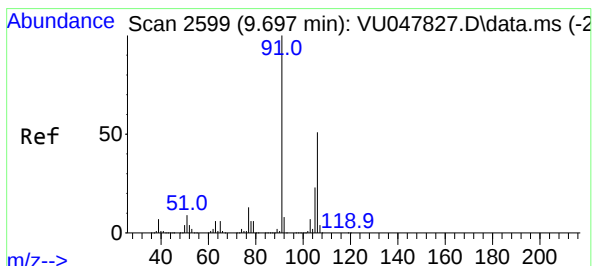
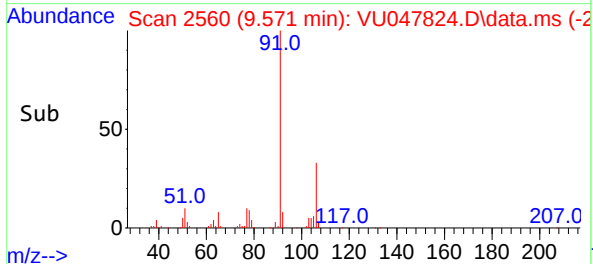
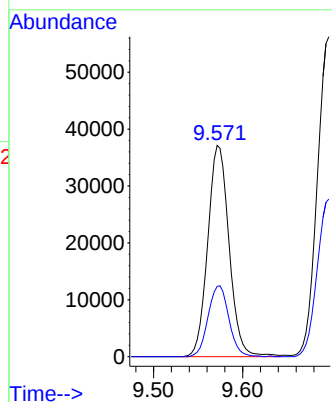
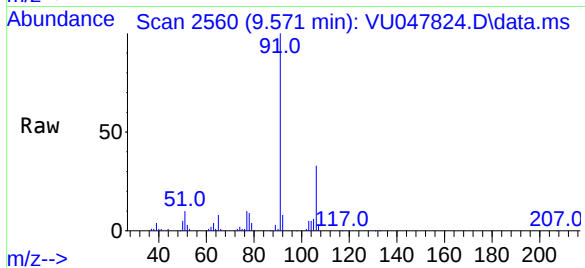
VSTDIC001

Tgt Ion: 91 Resp: 61824

Ion Ratio Lower Upper

91 100

106 33.3 25.4 38.0



#64

m/p-Xylenes

Concen: 1.656 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047824.D

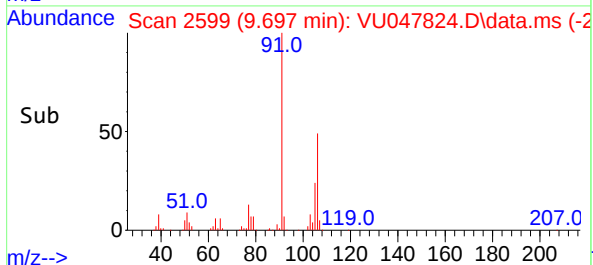
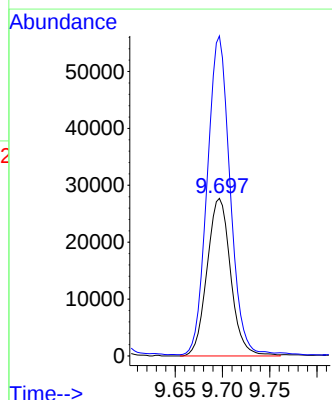
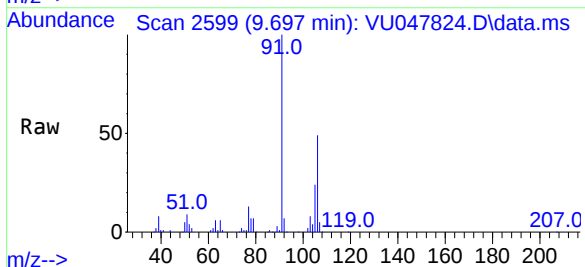
Acq: 06 Apr 2022 11:18

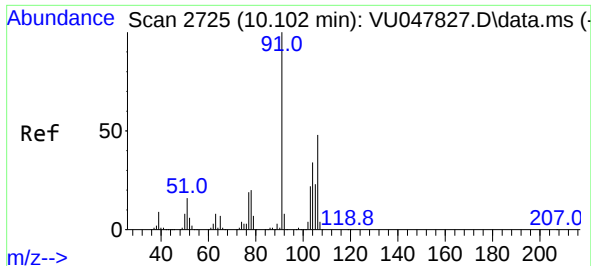
Tgt Ion: 106 Resp: 48167

Ion Ratio Lower Upper

106 100

91 194.9 158.2 237.4

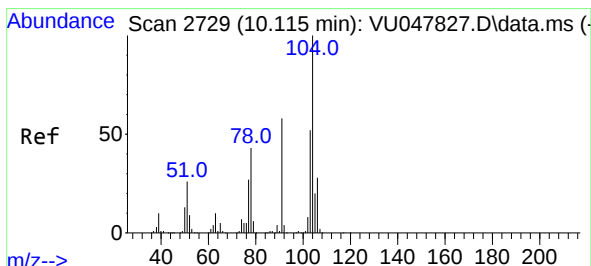
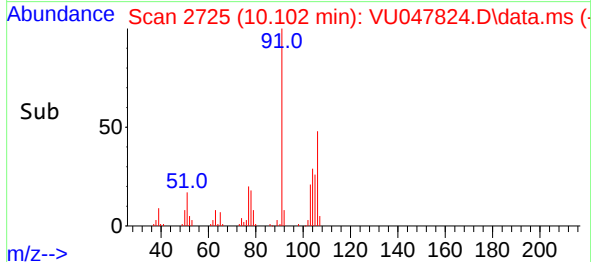
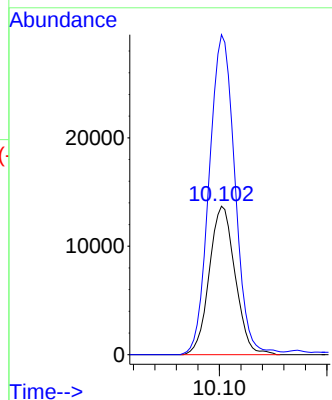
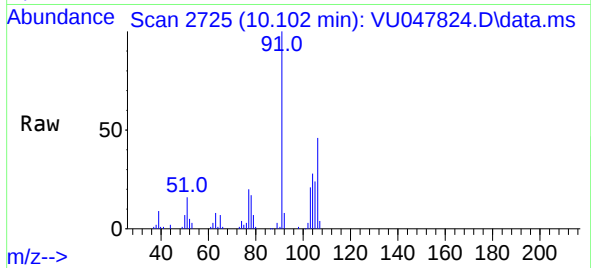




#65  
o-Xylene  
Concen: 0.809 ug/l  
RT: 10.102 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

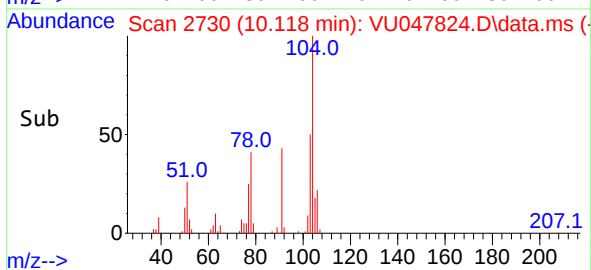
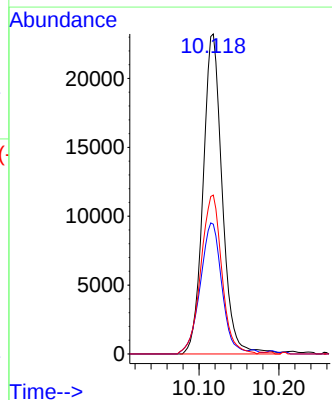
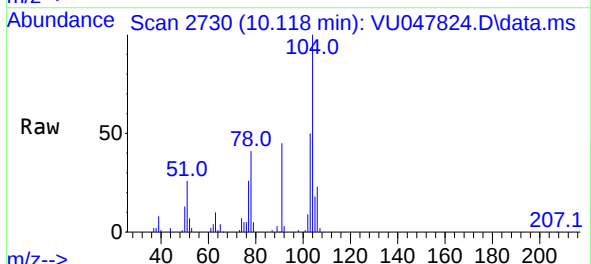
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

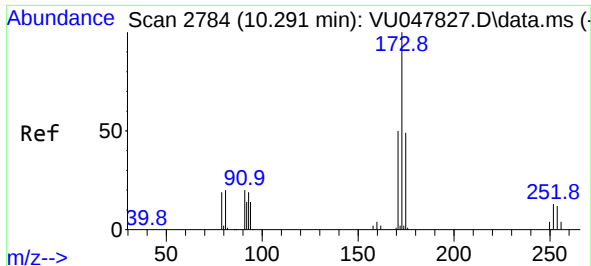
Tgt Ion:106 Resp: 22885  
Ion Ratio Lower Upper  
106 100  
91 214.9 105.4 316.2



#66  
Styrene  
Concen: 0.831 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:104 Resp: 38752  
Ion Ratio Lower Upper  
104 100  
78 45.9 37.1 55.7  
103 54.4 44.1 66.1

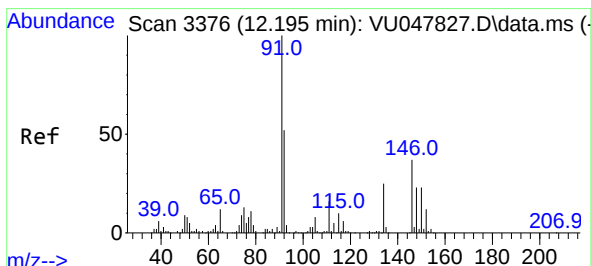
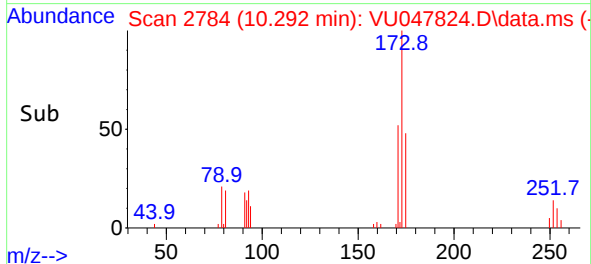
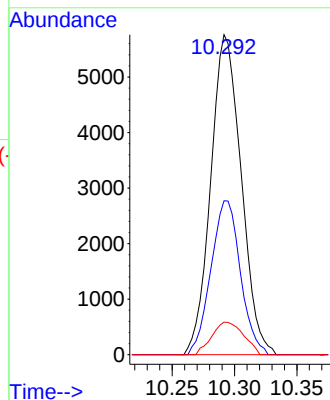
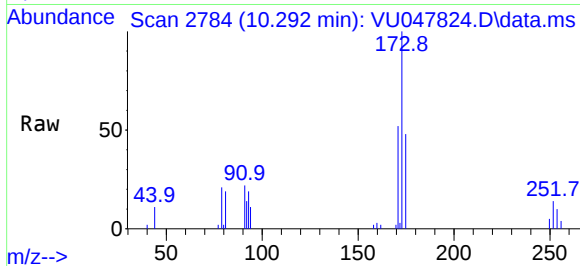




#67  
Bromoform  
Concen: 1.339 ug/l  
RT: 10.292 min Scan# 2784  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

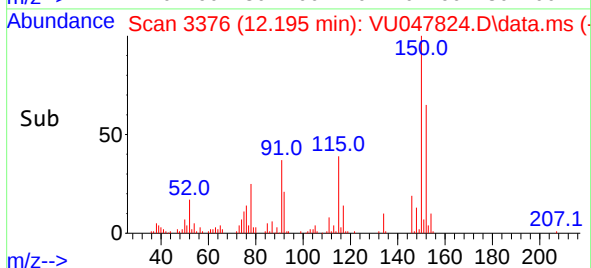
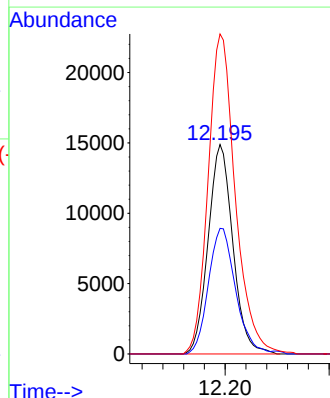
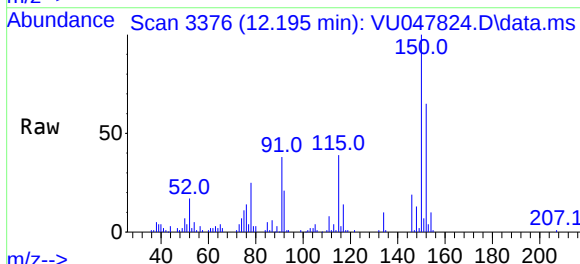
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

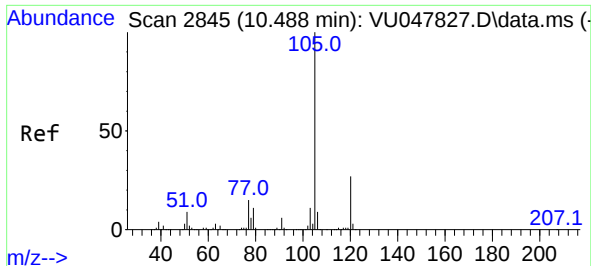
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 9798  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 46.5  | 39.0  | 58.4  |
| 254      | 10.6  | 9.4   | 14.2  |



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.199 ug/l  
RT: 12.195 min Scan# 3376  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 24579 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 65.7  | 0.0   | 255.8 |
| 150      | 168.1 | 0.0   | 659.8 |

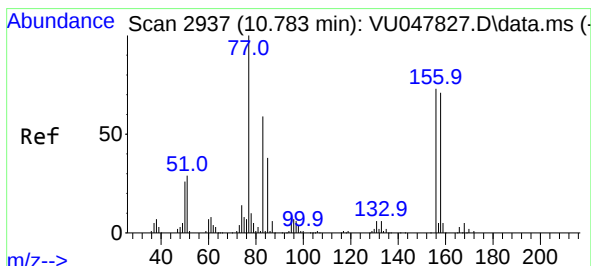
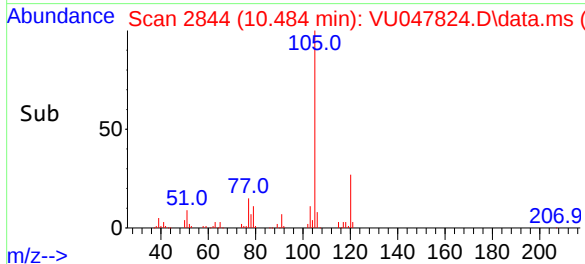
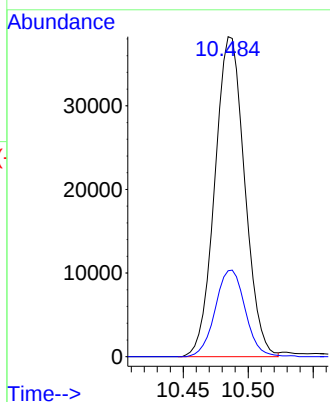
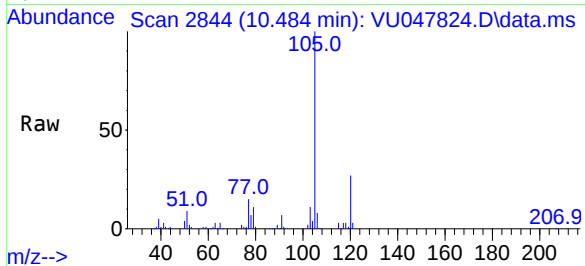




#69  
Isopropylbenzene  
Concen: 0.822 ug/l  
RT: 10.484 min Scan# 2845  
Delta R.T. -0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

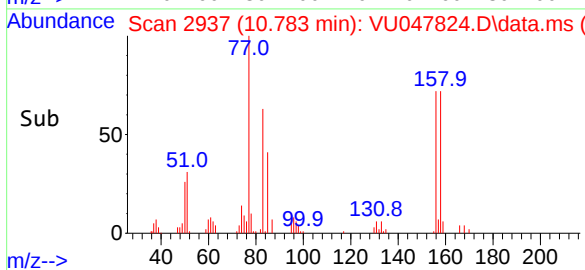
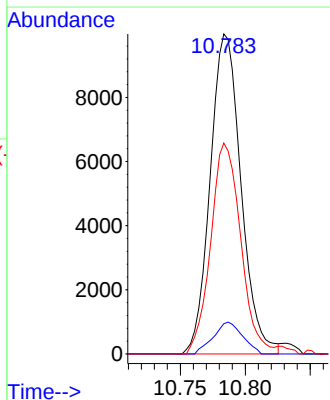
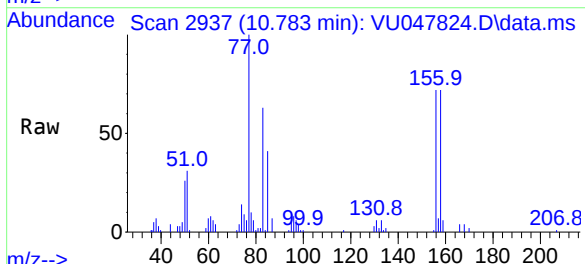
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

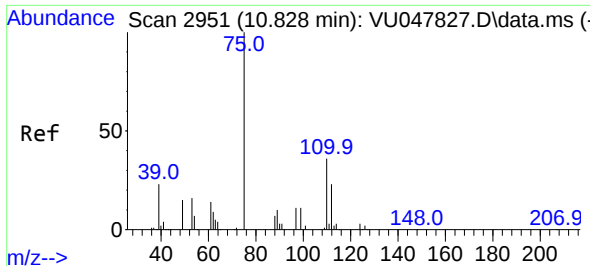
Tgt Ion:105 Resp: 61115  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.6 40.8



#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.024 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 83 Resp: 16452  
Ion Ratio Lower Upper  
83 100  
131 9.4 8.2 12.4  
85 64.0 52.6 79.0



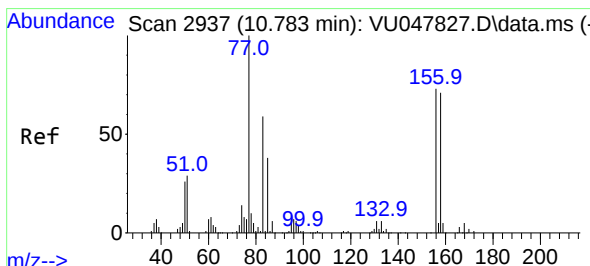
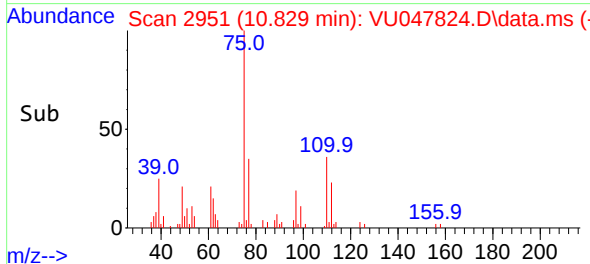
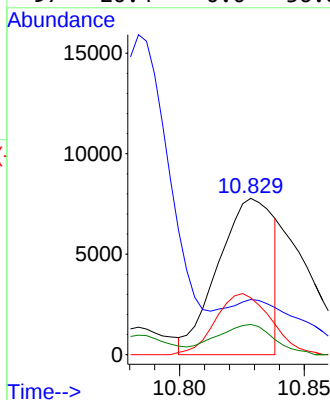
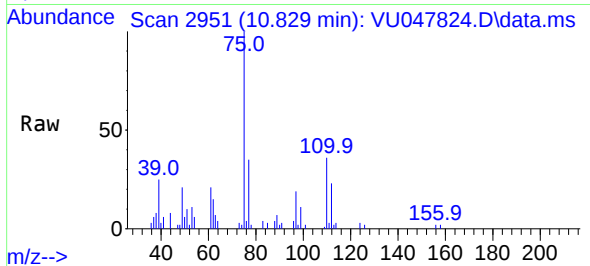


#71  
1,2,3-Trichloropropane  
Concen: 0.896 ug/l m  
RT: 10.829 min Scan# 2951  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

Tgt Ion: 75 Resp: 11947

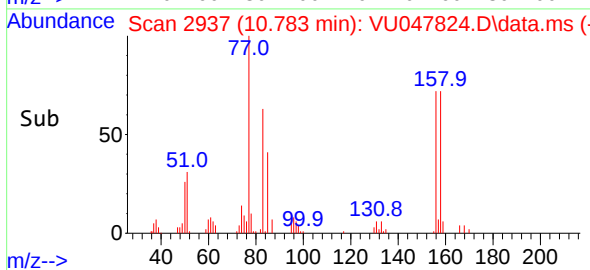
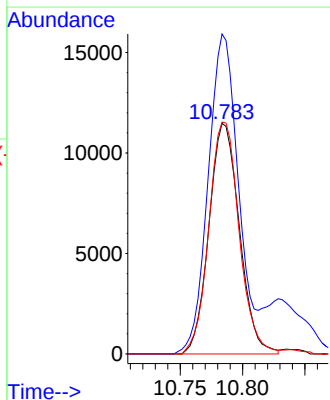
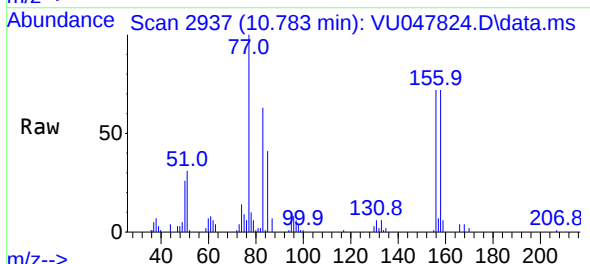
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 92.6  |
| 110 | 39.3  | 0.0   | 68.2  |
| 97  | 20.4  | 0.0   | 36.8  |

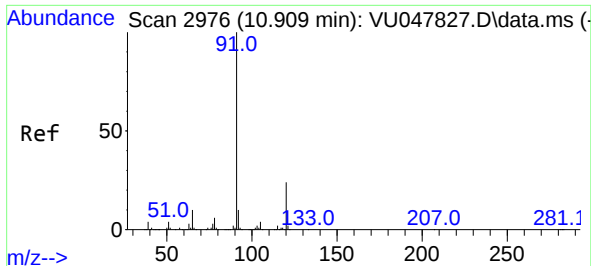


#72  
Bromobenzene  
Concen: 1.134 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 156 Resp: 19515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 137.4 | 0.0   | 273.4 |
| 158 | 100.2 | 0.0   | 193.6 |

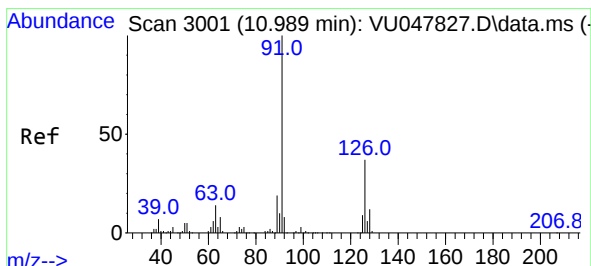
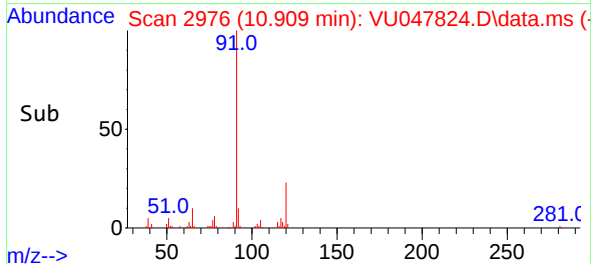
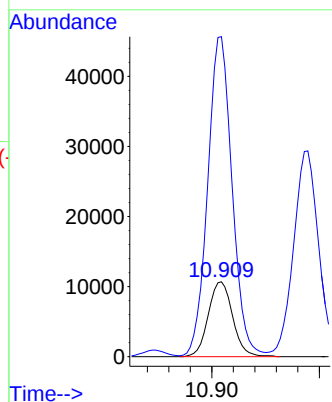
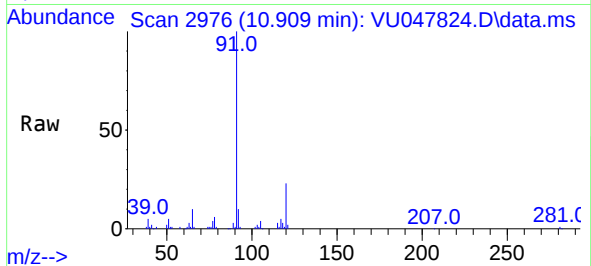




#73  
n-propylbenzene  
Concen: 0.850 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

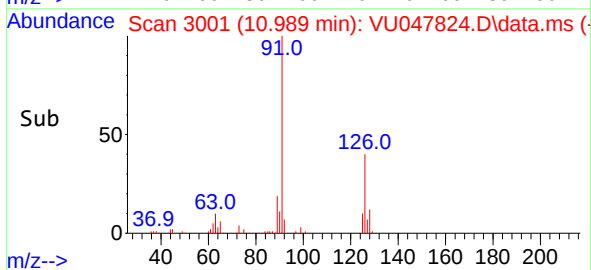
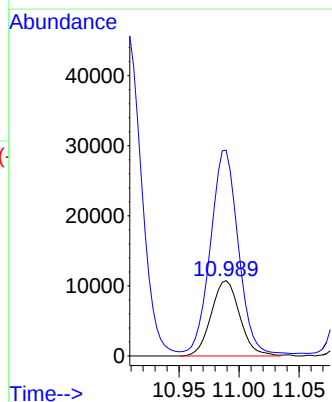
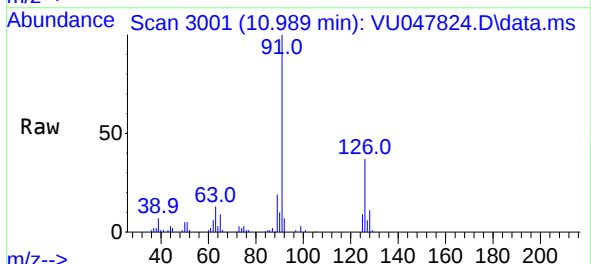
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

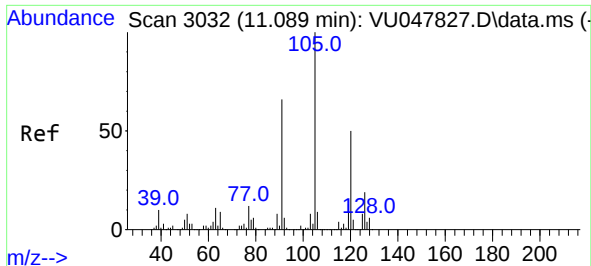
Tgt Ion:120 Resp: 16806  
Ion Ratio Lower Upper  
120 100  
91 429.2 333.7 500.5



#74  
2-Chlorotoluene  
Concen: 1.033 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:126 Resp: 17813  
Ion Ratio Lower Upper  
126 100  
91 270.8 0.0 554.6

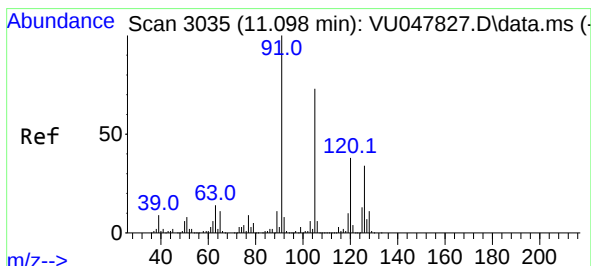
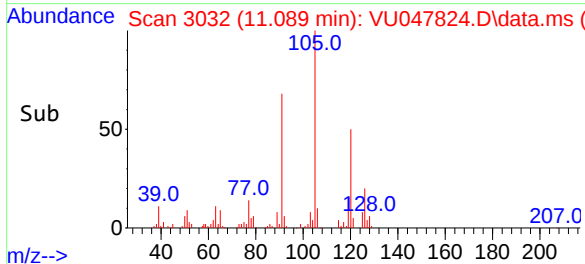
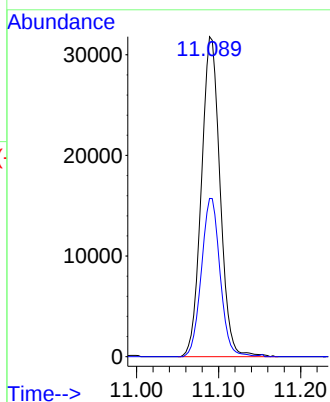
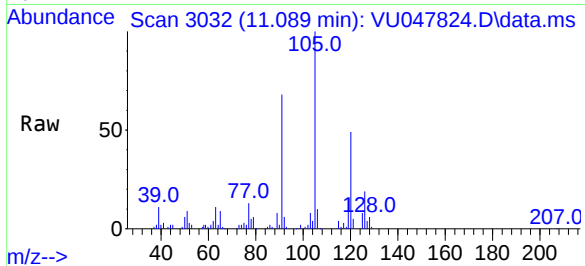




#75  
1,3,5-Trimethylbenzene  
Concen: 0.808 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

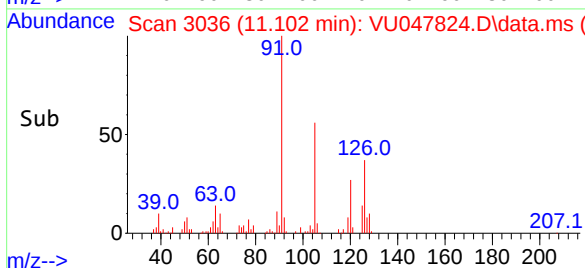
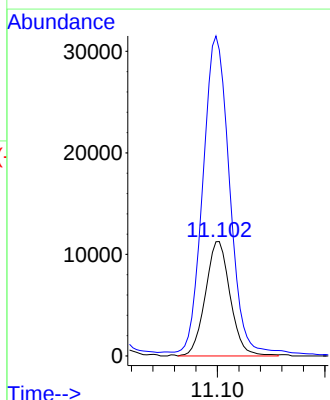
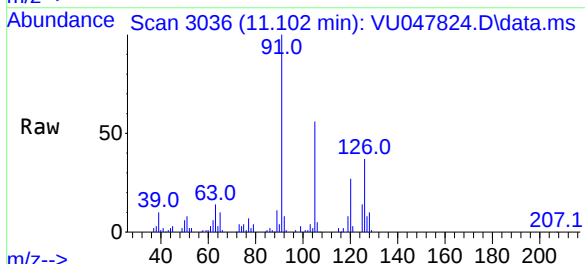
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ClientSampleId :  
VSTDIC001

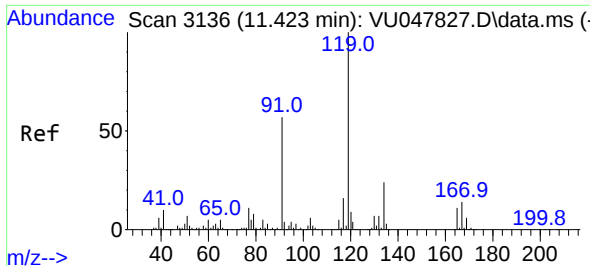
Tgt Ion:105 Resp: 50223  
Ion Ratio Lower Upper  
105 100  
120 49.5 40.6 61.0



#76  
4-Chlorotoluene  
Concen: 1.016 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:126 Resp: 18070  
Ion Ratio Lower Upper  
126 100  
91 307.0 0.0 616.4

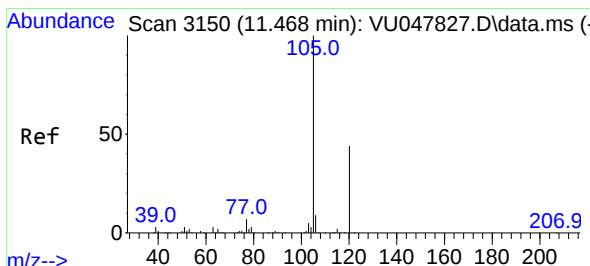
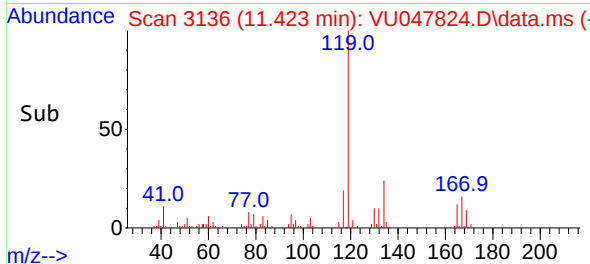
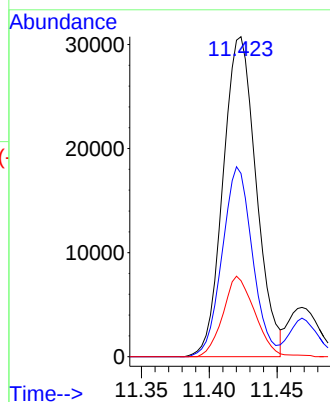
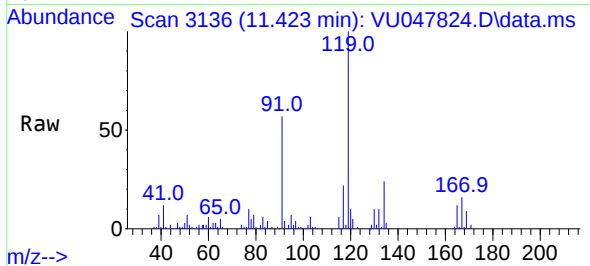




#77  
tert-Butylbenzene  
Concen: 0.861 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

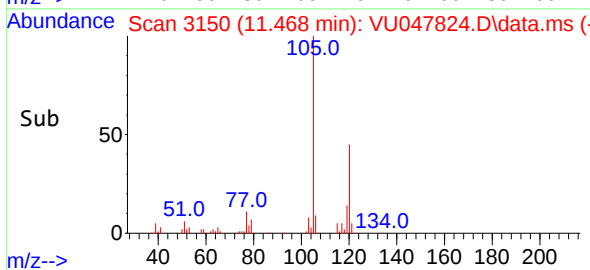
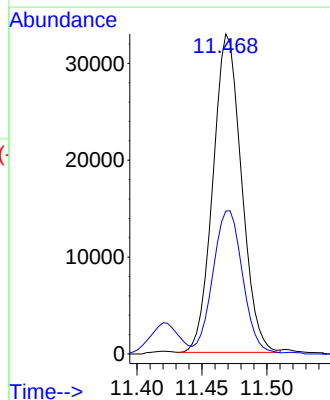
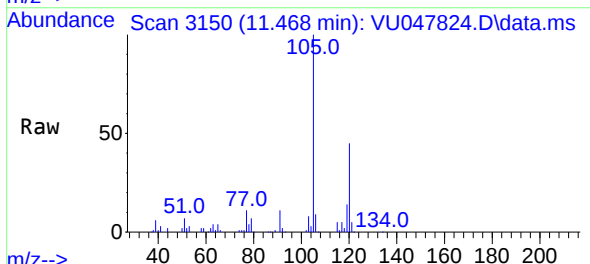
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MSVOA\_U  
ClientSampleId :  
VSTDICC001

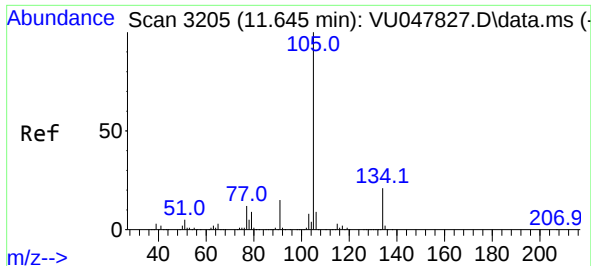
Tgt Ion:119 Resp: 52310  
Ion Ratio Lower Upper  
119 100  
91 54.1 27.3 81.9  
134 24.2 19.0 28.4



#78  
1,2,4-Trimethylbenzene  
Concen: 0.791 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:105 Resp: 50229  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.8 71.5

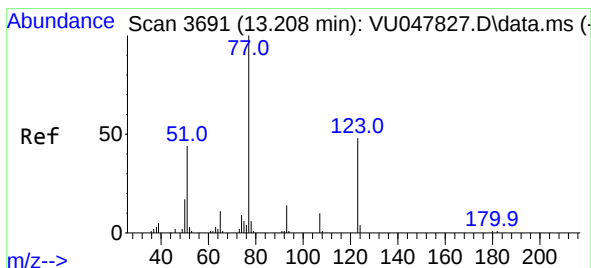
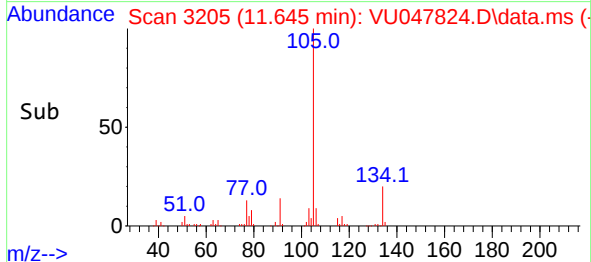
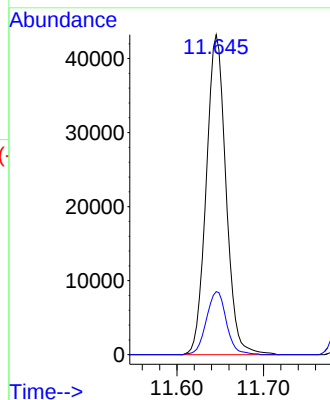
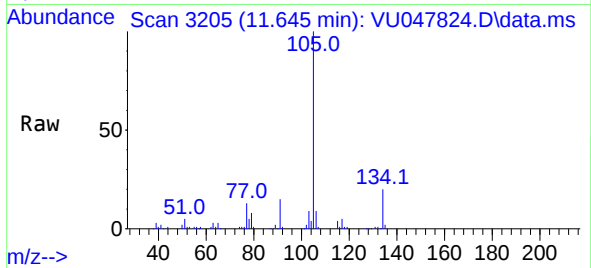




#79  
 sec-Butylbenzene  
 Concen: 0.821 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

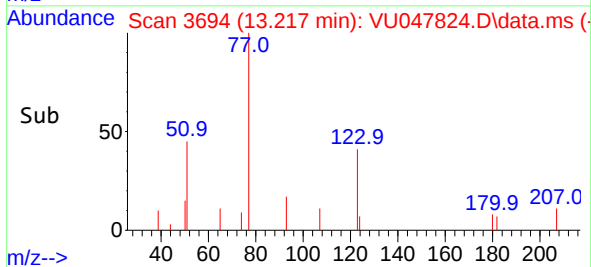
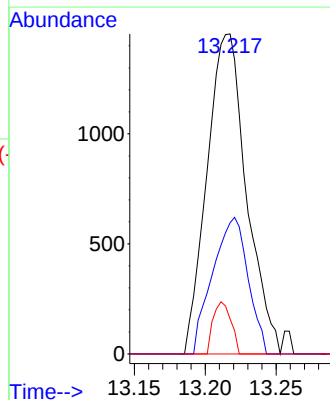
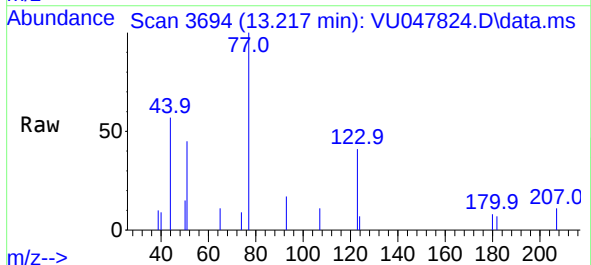
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

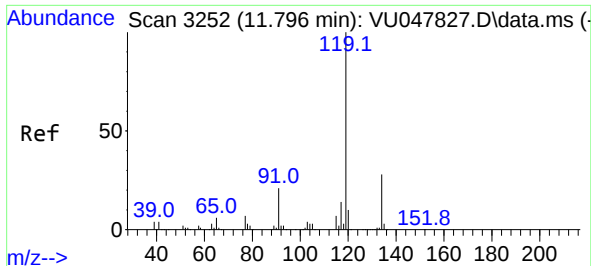
Tgt Ion:105 Resp: 68323  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 16.7 25.1



#80  
 Nitrobenzene  
 Concen: 5.889 ug/l  
 RT: 13.217 min Scan# 3694  
 Delta R.T. 0.010 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

Tgt Ion: 77 Resp: 2815  
 Ion Ratio Lower Upper  
 77 100  
 123 38.2 20.6 73.0  
 65 7.3 10.4 13.2#

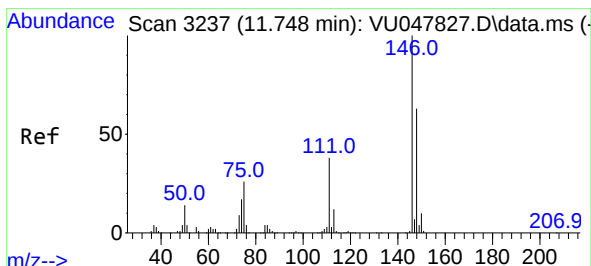
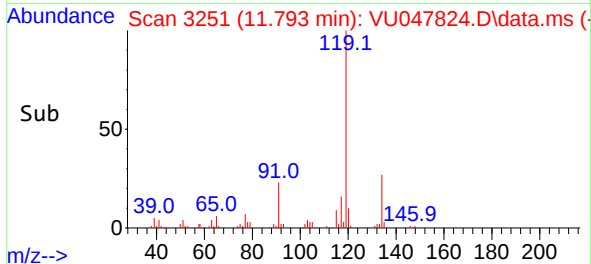
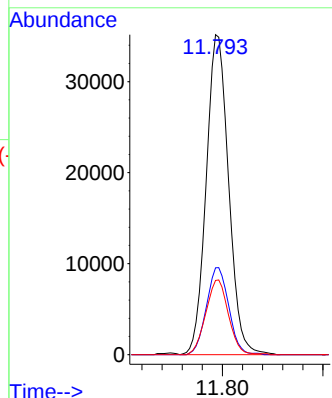
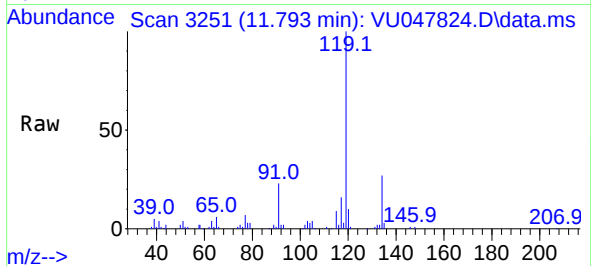




#81  
p-Isopropyltoluene  
Concen: 0.809 ug/l  
RT: 11.793 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

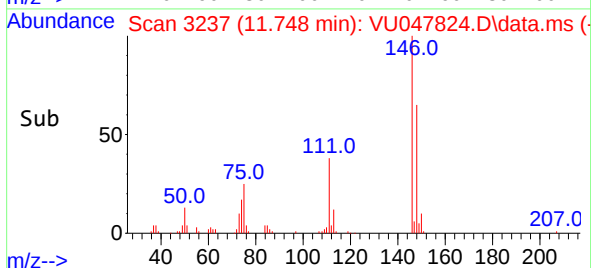
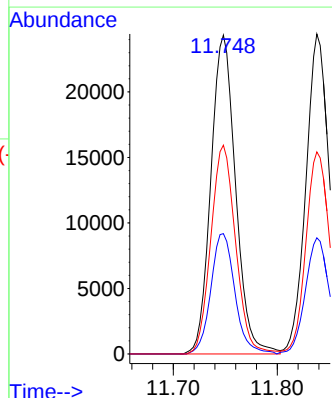
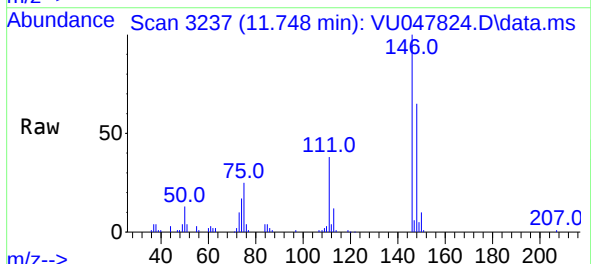
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

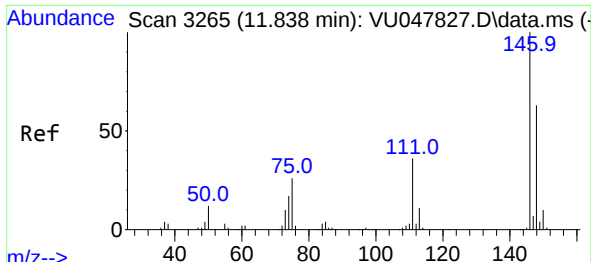
Tgt Ion:119 Resp: 54443  
Ion Ratio Lower Upper  
119 100  
134 27.1 21.8 32.8  
91 23.5 17.4 26.2



#82  
1,3-Dichlorobenzene  
Concen: 1.169 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion:146 Resp: 40202  
Ion Ratio Lower Upper  
146 100  
111 36.8 30.2 45.2  
148 65.7 50.6 76.0



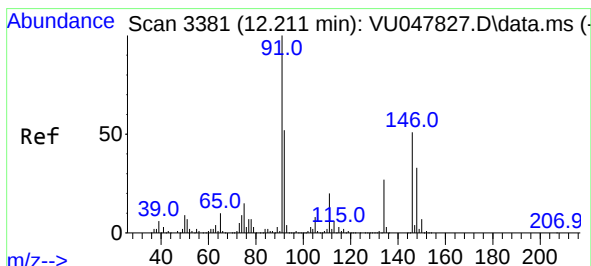
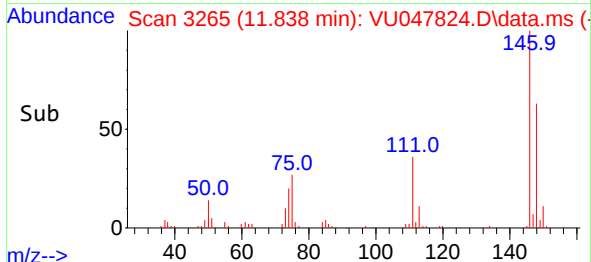
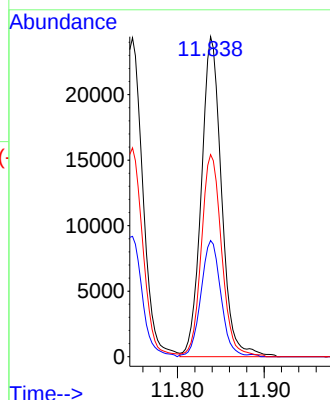
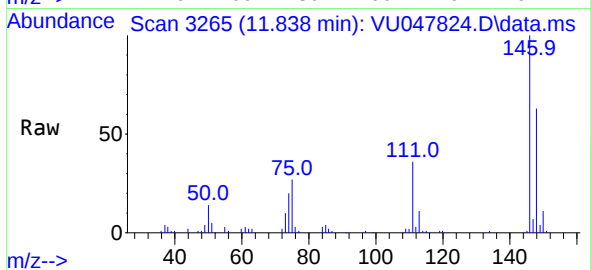


#83  
1,4-Dichlorobenzene  
Concen: 1.161 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

Tgt Ion:146 Resp: 39615

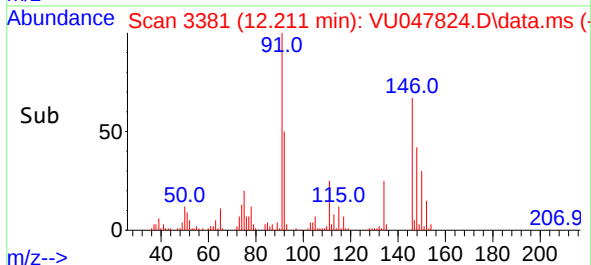
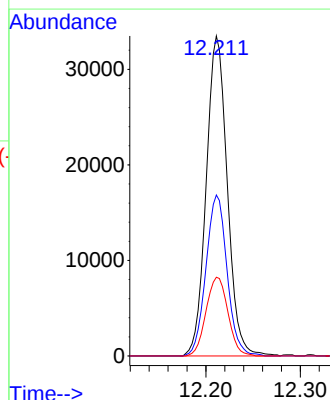
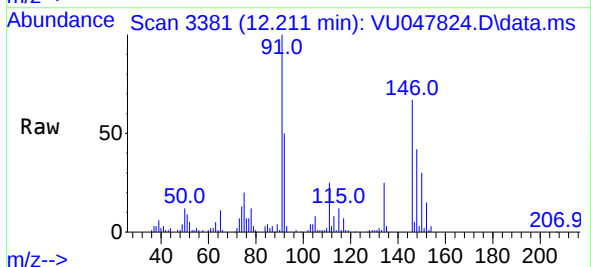
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 35.8  | 28.7  | 43.1  |
| 148 | 63.5  | 50.8  | 76.2  |

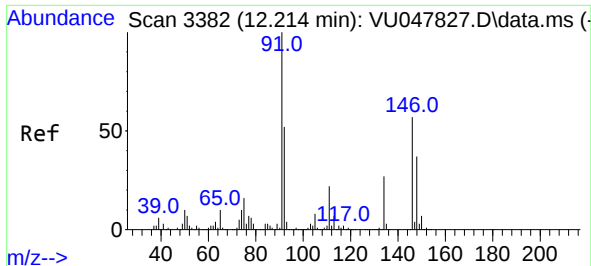


#84  
n-Butylbenzene  
Concen: 0.816 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Tgt Ion: 91 Resp: 51885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 50.4  | 41.8  | 62.6  |
| 134 | 25.6  | 21.4  | 32.2  |

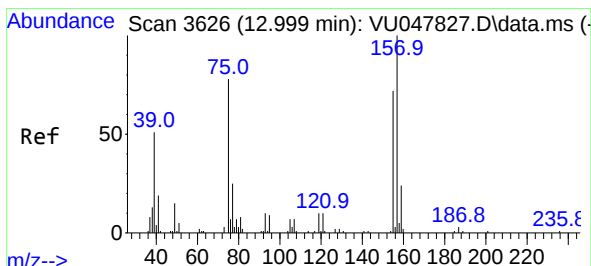
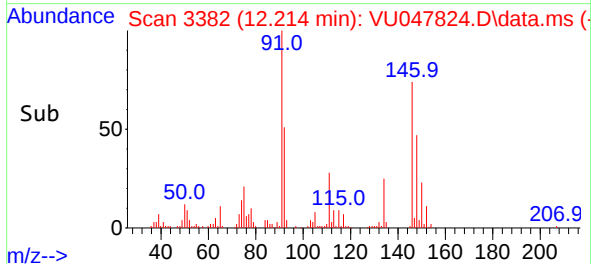
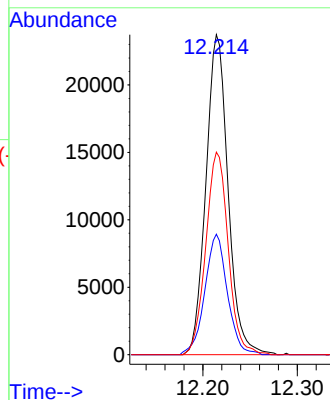
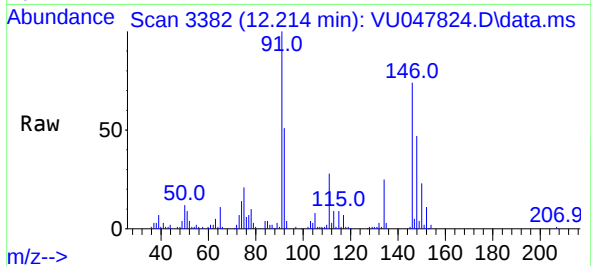




#85  
 1,2-Dichlorobenzene  
 Concen: 1.180 ug/l  
 RT: 12.214 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

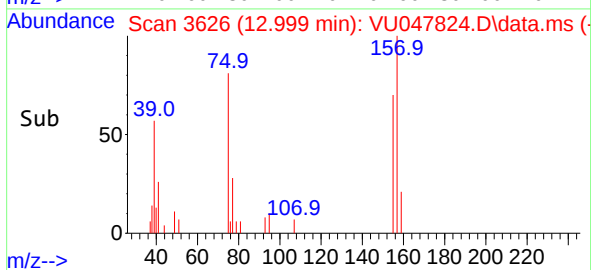
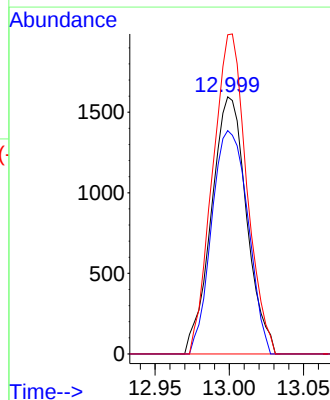
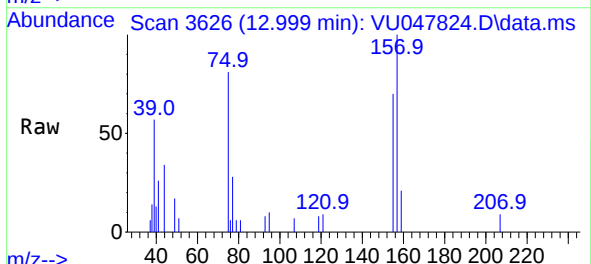
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 ClientSampleId :  
 VSTDIC001

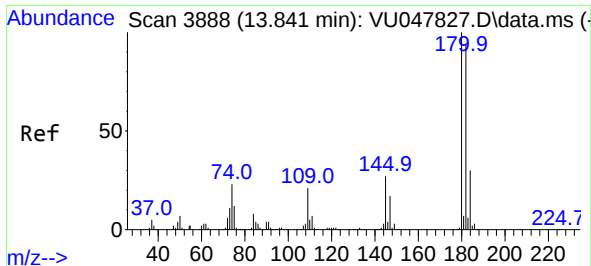
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 38606 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 38.4  | 19.4  | 58.2  |
| 148      | 64.2  | 32.3  | 96.8  |



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.997 ug/l  
 RT: 12.999 min Scan# 3626  
 Delta R.T. 0.000 min  
 Lab File: VU047824.D  
 Acq: 06 Apr 2022 11:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2632  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 89.1  | 76.2  | 114.2 |
| 157      | 120.4 | 99.1  | 148.7 |

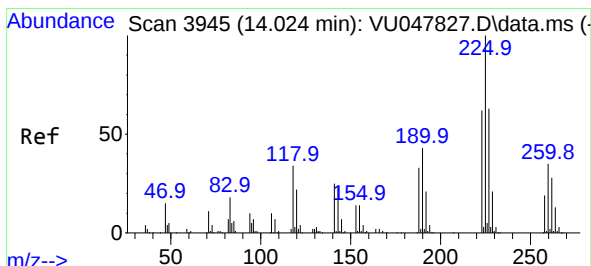
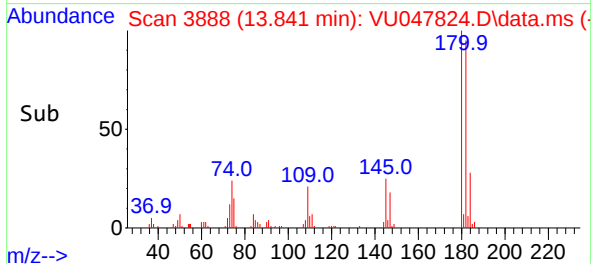
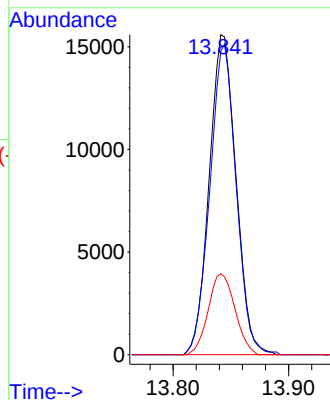
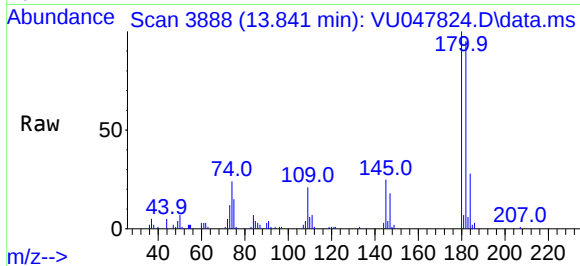




#87  
1,2,4-Trichlorobenzene  
Concen: 1.199 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

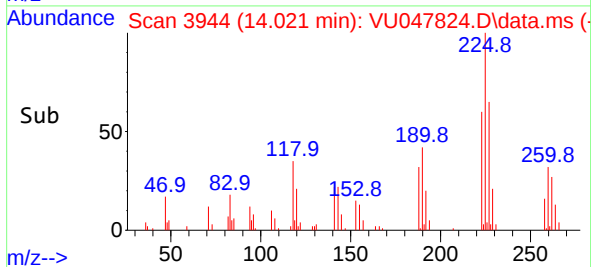
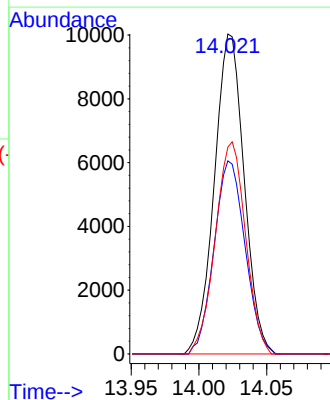
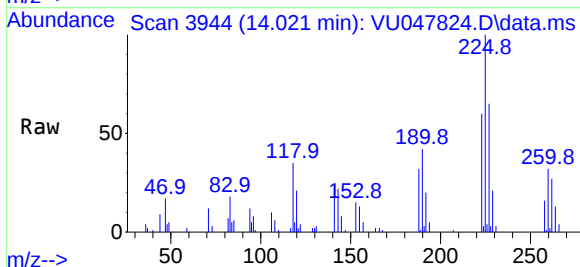
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

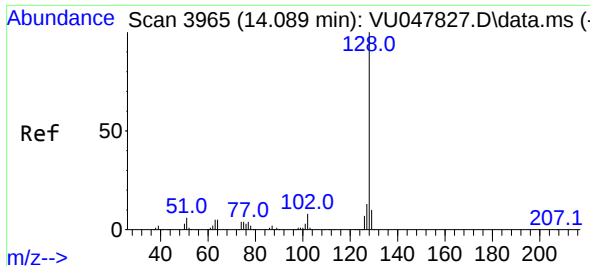
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 25079 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.3  | 75.8  | 113.6 |
| 145       | 25.3  | 21.7  | 32.5  |



#88  
Hexachlorobutadiene  
Concen: 1.474 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. -0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15352 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.7  | 50.0  | 75.0  |
| 227       | 67.2  | 51.0  | 76.6  |

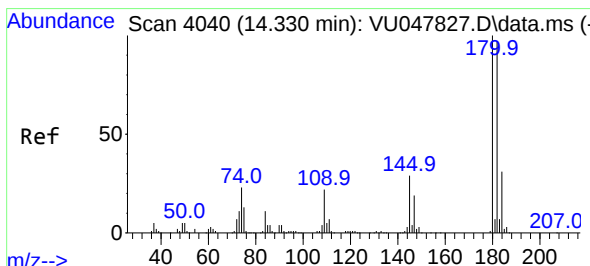
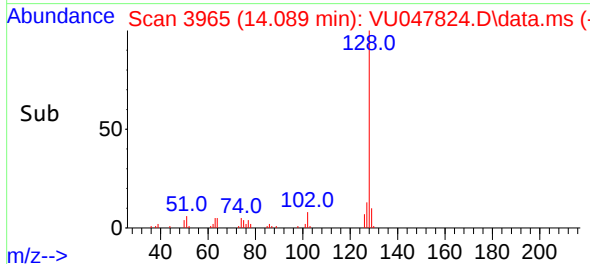
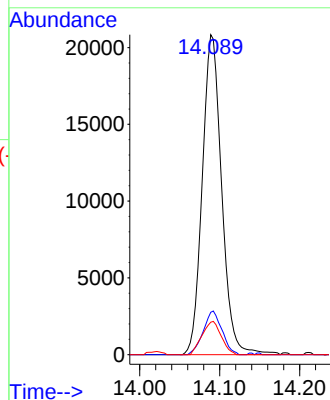
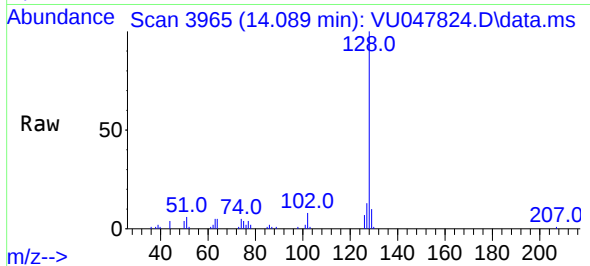




#89  
Naphthalene  
Concen: 0.899 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.000 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 35266     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.2  | 10.2 15.4 |
| 129         | 10.3  | 8.6 12.8  |



#90  
1,2,3-Trichlorobenzene  
Concen: 1.149 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.003 min  
Lab File: VU047824.D  
Acq: 06 Apr 2022 11:18

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 22294      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 101.5 | 77.2 115.8 |
| 145         | 29.2  | 23.3 34.9  |

