

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U022122\  
 Data File : U047229.D  
 Acq On : 21 Feb 2022 18:38  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

Quant Time: Feb 22 12:44:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U021422DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Feb 15 03:17:28 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.118  | 96   | 52572    | 1.00   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.632 | 95   | 19715    | 0.97   | ug/l    | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | =      | 97.00%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.195 | 152  | 21359    | 1.01   | ug/l    | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | =      | 101.00% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 168638   | 9.62   | ug/l    | 100      |
| 3) Chloromethane             | 1.523  | 50   | 252374   | 14.02  | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.610  | 62   | 166648   | 9.38   | ug/l    | 99       |
| 5) Bromomethane              | 1.864  | 94   | 46980    | 4.05   | ug/l    | 99       |
| 6) Chloroethane              | 1.941  | 64   | 97944    | 9.59   | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 224114   | 10.70  | ug/l    | 99       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 122142   | 10.12  | ug/l    | 93       |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 125172   | 10.07  | ug/l    | 93       |
| 10) Iodomethane              | 2.729  | 142  | 53118    | 4.17   | ug/l    | 99       |
| 11) Allyl Chloride           | 2.932  | 41   | 168608   | 8.70   | ug/l    | 97       |
| 12) Acrylonitrile            | 3.333  | 53   | 67131    | 18.41  | ug/l    | 92       |
| 13) Acetone                  | 2.668  | 43   | 129234   | 57.93  | ug/l    | 99       |
| 14) Carbon Disulfide         | 2.800  | 76   | 387695   | 9.22   | ug/l    | 100      |
| 15) Methylene Chloride       | 3.054  | 84   | 147109   | 10.54  | ug/l    | 96       |
| 16) trans-1,2-Dichloroethene | 3.359  | 96   | 132702   | 10.12  | ug/l    | 97       |
| 17) 1,1-Dichloroethane       | 3.877  | 63   | 230785   | 9.60   | ug/l    | 99       |
| 18) 2-Butanone               | 4.729  | 43   | 211150   | 57.47  | ug/l    | 98       |
| 19) Cyclohexane              | 5.391  | 56   | 180857   | 8.12   | ug/l    | 84       |
| 20) Methylcyclohexane        | 6.767  | 83   | 236269   | 9.63   | ug/l    | 96       |
| 21) 2,2-Dichloropropane      | 4.671  | 77   | 209002   | 9.73   | ug/l    | 97       |
| 22) cis-1,2-Dichloroethene   | 4.674  | 96   | 147255   | 9.76   | ug/l    | 92       |
| 23) Diethyl Ether            | 2.382  | 59   | 101181   | 10.08  | ug/l    | 98       |
| 24) tert-Butyl Alcohol       | 3.356  | 59   | 147252   | 225.45 | ug/l #  | 1        |
| 25) Methyl tert-Butyl Ether  | 3.372  | 73   | 336101   | 9.64   | ug/l    | 97       |
| 26) Bromochloromethane       | 4.983  | 128  | 61570    | 9.08   | ug/l    | 88       |
| 27) Chloroform               | 5.095  | 83   | 240845   | 9.88   | ug/l    | 99       |
| 28) 1,1,1-Trichloroethane    | 5.321  | 97   | 211791   | 10.03  | ug/l    | 97       |
| 29) 1,1-Dichloropropene      | 5.530  | 75   | 189043   | 9.78   | ug/l    | 97       |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 181164   | 9.76   | ug/l    | 99       |
| 31) Isopropyl Ether          | 4.002  | 45   | 365080   | 9.50   | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.510  | 59   | 355679   | 9.10   | ug/l    | 97       |
| 33) Tert-Amyl methyl ether   | 5.944  | 73   | 328994   | 9.14   | ug/l    | 99       |
| 34) Propionitrile            | 4.813  | 54   | 66161    | 58.86  | ug/l #  | 1        |
| 35) Benzene                  | 5.777  | 78   | 534284   | 9.87   | ug/l    | 100      |
| 36) 1,2-Dichloroethane       | 5.800  | 62   | 162992   | 9.94   | ug/l    | 99       |
| 37) Trichloroethene          | 6.546  | 130  | 153383   | 10.23  | ug/l    | 93       |
| 38) 1,2-Dichloropropane      | 6.796  | 63   | 138108   | 9.64   | ug/l    | 100      |
| 39) Methacrylonitrile        | 4.986  | 41   | 49061    | 9.93   | ug/l    | 96       |
| 40) Methyl acrylate          | 4.854  | 55   | 96496    | 11.56  | ug/l    | 98       |
| 41) Tetrahydrofuran          | 5.076  | 42   | 53715    | 21.35  | ug/l    | 99       |
| 42) 1-Chlorobutane           | 5.462  | 56   | 249018   | 9.60   | ug/l    | 99       |
| 43) Dibromomethane           | 6.922  | 93   | 79022    | 10.23  | ug/l    | 91       |
| 44) Bromodichloromethane     | 7.108  | 83   | 180019   | 9.85   | ug/l    | 99       |

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 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

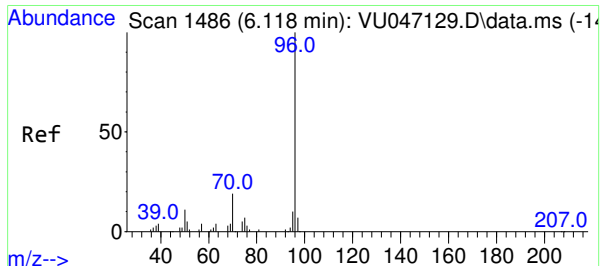
Quant Time: Feb 22 12:44:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U021422DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Feb 15 03:17:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.796  | 43   | 491686   | 47.04 | ug/l   | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.838 | 75   | 202937   | 44.60 | ug/l # | 55       |
| 47) Methyl methacrylate       | 6.964  | 69   | 158341   | 19.54 | ug/l   | 94       |
| 48) Ethyl methacrylate        | 8.337  | 69   | 159989   | 9.74  | ug/l   | 94       |
| 49) Toluene                   | 7.973  | 92   | 343794   | 9.84  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.214  | 75   | 191693   | 9.69  | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 214572   | 9.67  | ug/l   | 97       |
| 52) 1,1,2-Trichloroethane     | 8.404  | 97   | 109633   | 9.94  | ug/l   | 98       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 189289   | 9.61  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.690  | 43   | 359772   | 46.20 | ug/l   | 99       |
| 55) Dibromochloromethane      | 8.812  | 129  | 131754   | 9.83  | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 111820   | 10.03 | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.555  | 164  | 138861   | 10.04 | ug/l   | 98       |
| 59) Chlorobenzene             | 9.449  | 112  | 381407   | 9.79  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 137339   | 10.26 | ug/l   | 99       |
| 61) Pentachloroethane         | 11.430 | 117  | 108119   | 10.64 | ug/l   | 83       |
| 62) Hexachloroethane          | 12.478 | 117  | 99047    | 9.03  | ug/l # | 78       |
| 63) Ethyl Benzene             | 9.571  | 91   | 668869   | 9.77  | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.693  | 106  | 507673   | 19.45 | ug/l   | 98       |
| 65) o-Xylene                  | 10.102 | 106  | 247690   | 9.80  | ug/l   | 97       |
| 66) Styrene                   | 10.115 | 104  | 423424   | 9.87  | ug/l   | 97       |
| 67) Bromoform                 | 10.291 | 173  | 80358    | 9.46  | ug/l # | 98       |
| 69) Isopropylbenzene          | 10.484 | 105  | 663831   | 9.76  | ug/l   | 98       |
| 70) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 150979   | 10.13 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.838 | 75   | 202937   | 16.13 | ug/l   | 72       |
| 72) Bromobenzene              | 10.783 | 156  | 167907   | 10.11 | ug/l   | 84       |
| 73) n-propylbenzene           | 10.906 | 120  | 184852   | 9.88  | ug/l   | 88       |
| 74) 2-Chlorotoluene           | 10.986 | 126  | 158914   | 9.96  | ug/l   | 83       |
| 75) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 551726   | 9.90  | ug/l   | 98       |
| 76) 4-Chlorotoluene           | 11.098 | 126  | 167725   | 10.01 | ug/l   | 82       |
| 77) tert-Butylbenzene         | 11.420 | 119  | 555363   | 9.93  | ug/l   | 94       |
| 78) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 557247   | 9.79  | ug/l   | 97       |
| 79) sec-Butylbenzene          | 11.645 | 105  | 729913   | 9.83  | ug/l   | 97       |
| 80) Nitrobenzene              | 13.208 | 77   | 17967    | 24.96 | ug/l   | 99       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 618615   | 9.84  | ug/l   | 96       |
| 82) 1,3-Dichlorobenzene       | 11.748 | 146  | 319993   | 9.90  | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.838 | 146  | 323680   | 9.94  | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.211 | 91   | 599313   | 9.93  | ug/l   | 96       |
| 85) 1,2-Dichlorobenzene       | 12.214 | 146  | 310524   | 9.98  | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.995 | 75   | 26687    | 9.76  | ug/l # | 77       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 250292   | 10.25 | ug/l   | 98       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 127694   | 10.22 | ug/l   | 98       |
| 89) Naphthalene               | 14.085 | 128  | 488044   | 9.75  | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 225317   | 10.28 | ug/l   | 98       |

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

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QLast Update : Tue Feb 15 03:17:28 2022  
Response via : Initial Calibration

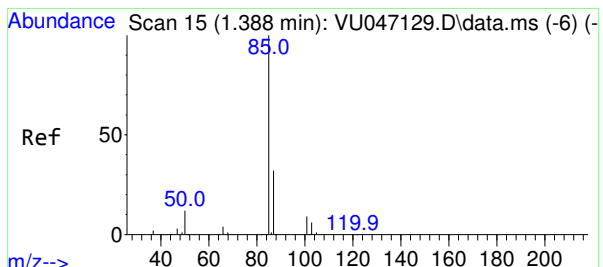
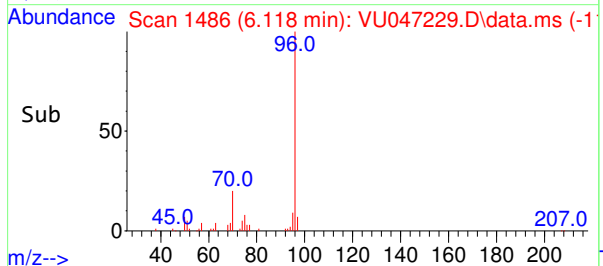
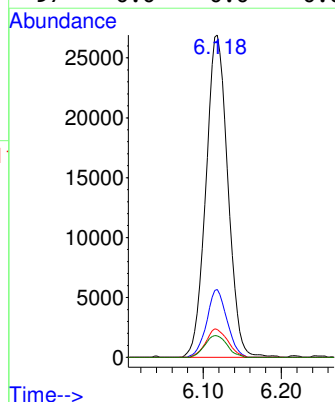
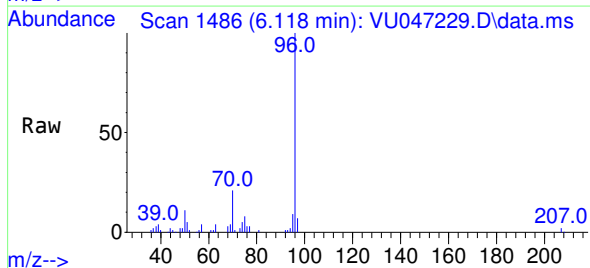




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.118 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

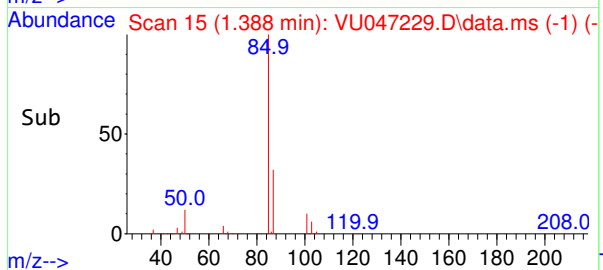
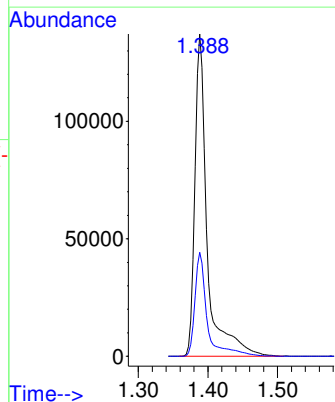
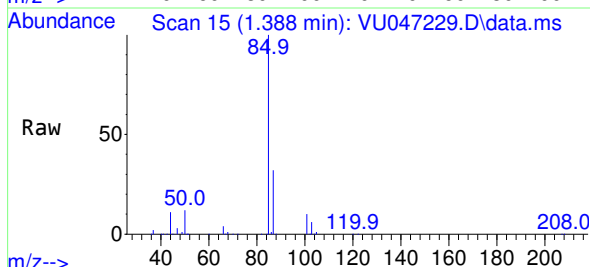
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

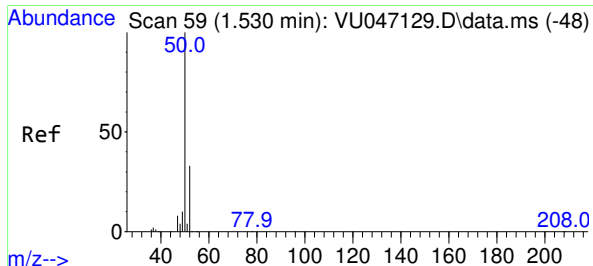
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 52572 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 19.6  | 16.8  | 25.2  |
| 95       | 8.9   | 7.3   | 10.9  |
| 97       | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 9.62 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 85    | Resp: | 168638 |
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 32.3  | 16.2  | 48.6   |

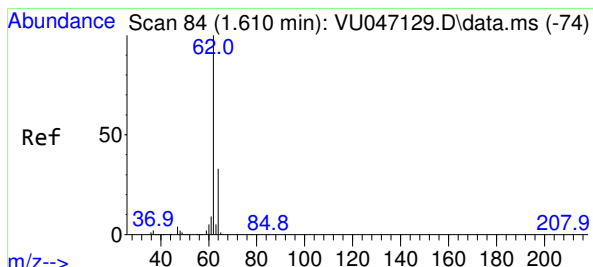
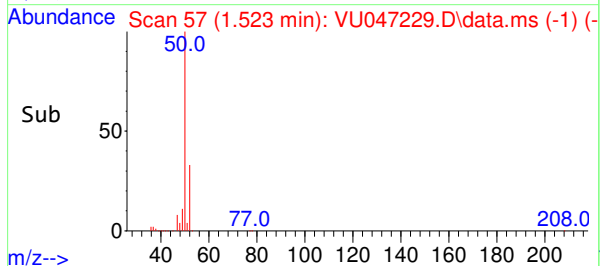
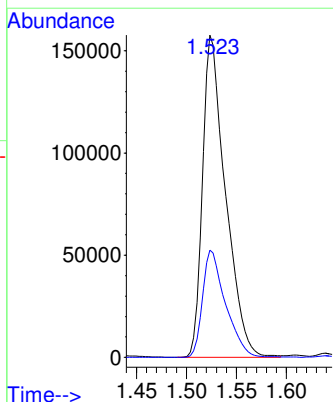
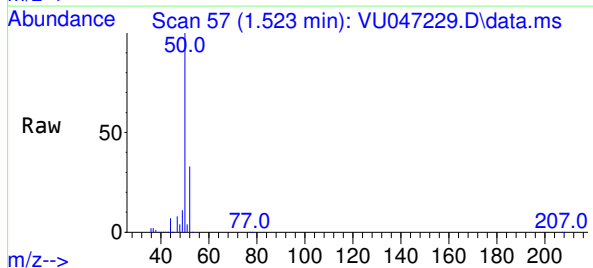




#3  
Chloromethane  
Concen: 14.02 ug/l  
RT: 1.523 min Scan# 59  
Delta R.T. -0.007 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

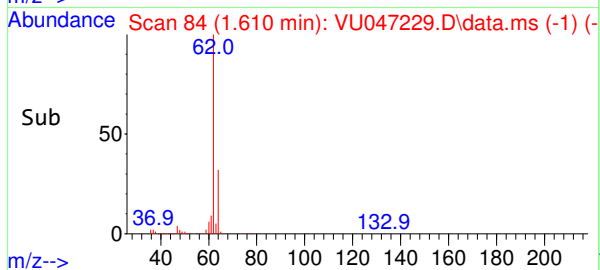
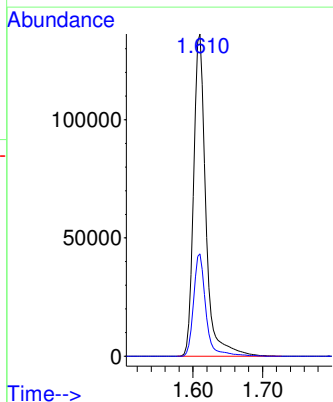
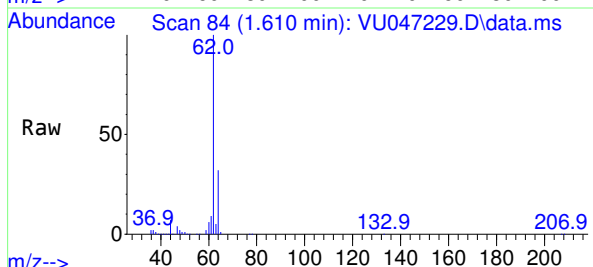
Instrument :  
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ClientSampleId :  
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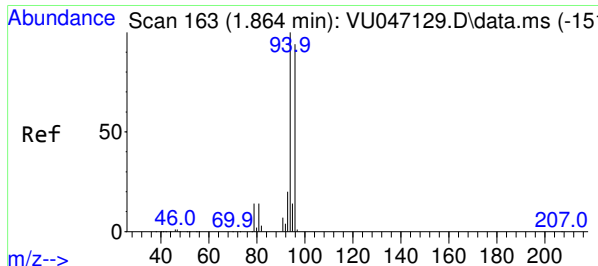
Tgt Ion: 50 Resp: 252374  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.2 39.4



#4  
Vinyl Chloride  
Concen: 9.38 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 62 Resp: 166648  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.0 39.0

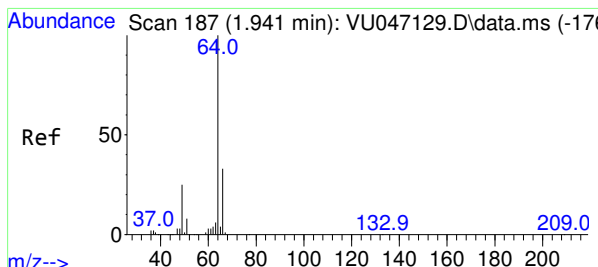
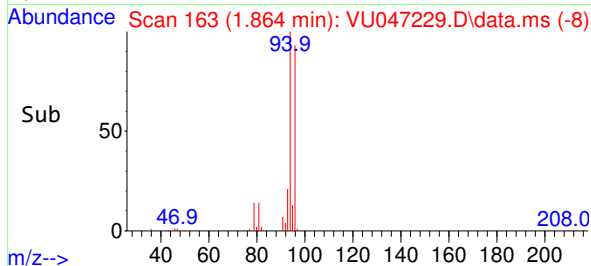
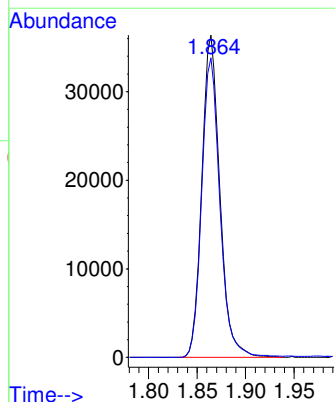
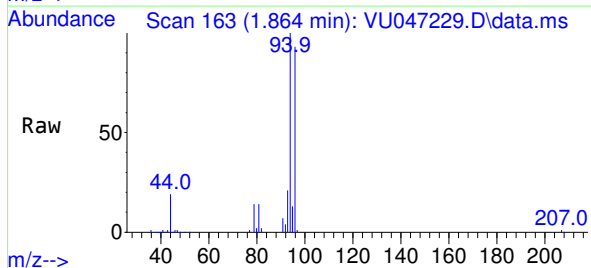




#5  
Bromomethane  
Concen: 4.05 ug/l  
RT: 1.864 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

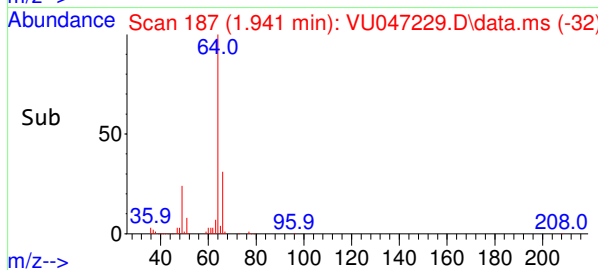
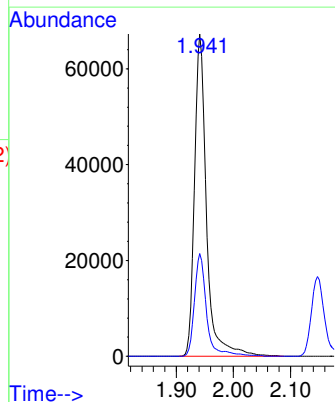
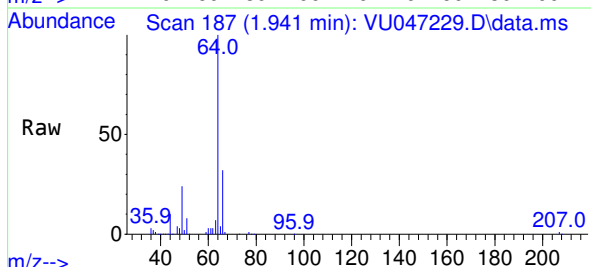
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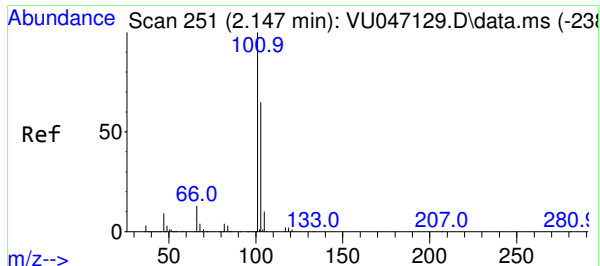
Tgt Ion: 94 Resp: 46980  
Ion Ratio Lower Upper  
94 100  
96 92.9 75.0 112.4



#6  
Chloroethane  
Concen: 9.59 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 64 Resp: 97944  
Ion Ratio Lower Upper  
64 100  
66 31.9 25.8 38.8

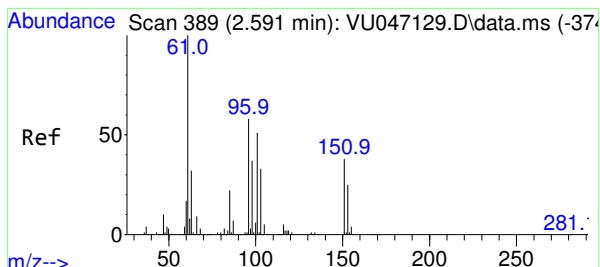
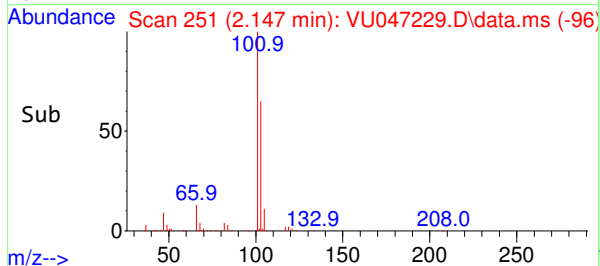
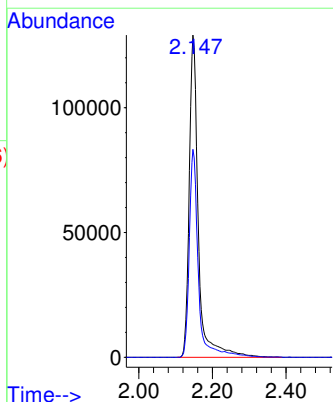
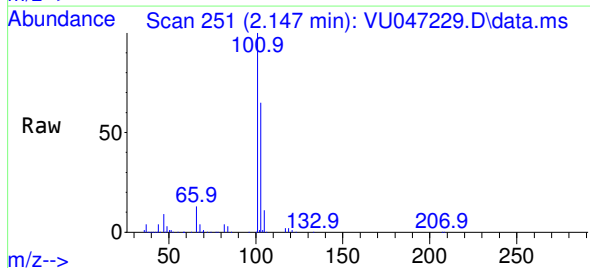




#7  
Trichlorofluoromethane  
Concen: 10.70 ug/l  
RT: 2.147 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

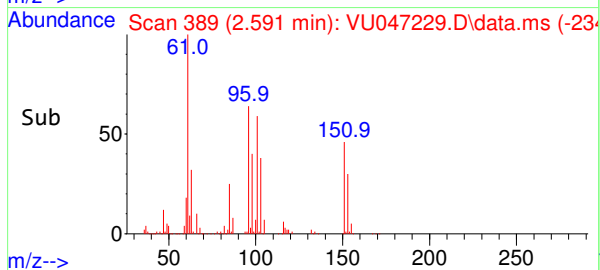
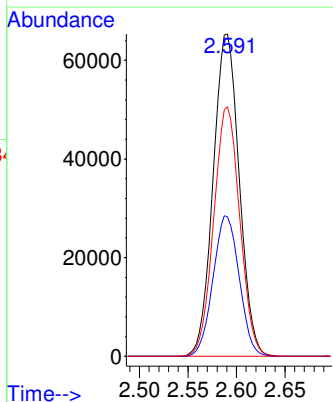
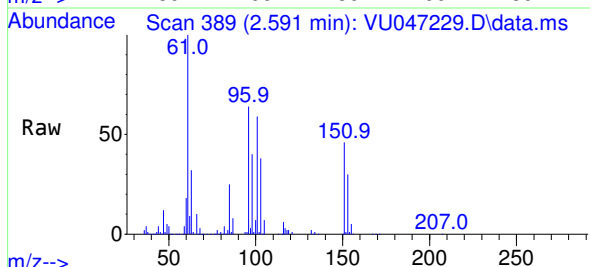
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

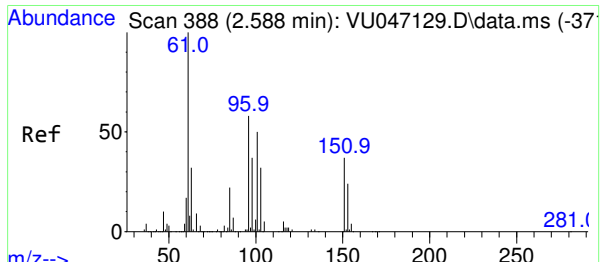
Tgt Ion:101 Resp: 224114  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.2 78.2



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.12 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:101 Resp: 122142  
Ion Ratio Lower Upper  
101 100  
85 43.7 35.8 53.6  
151 77.4 54.6 81.8

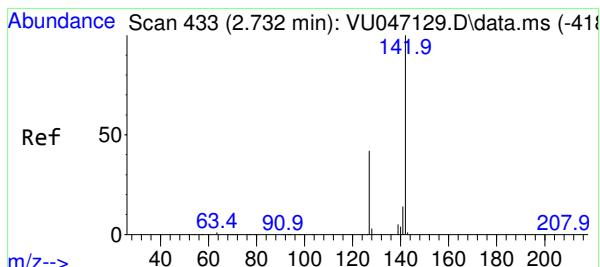
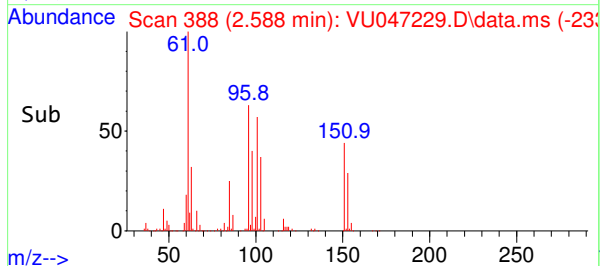
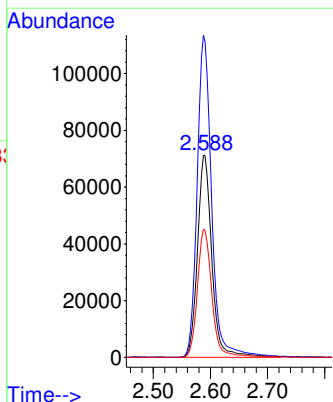
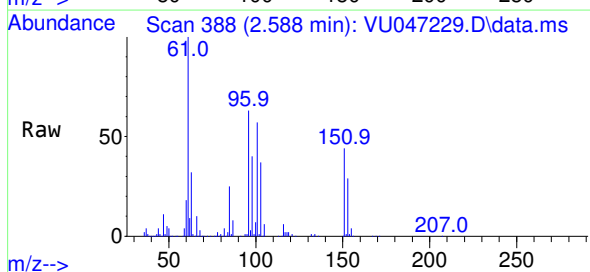




#9  
1,1-Dichloroethene  
Concen: 10.07 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

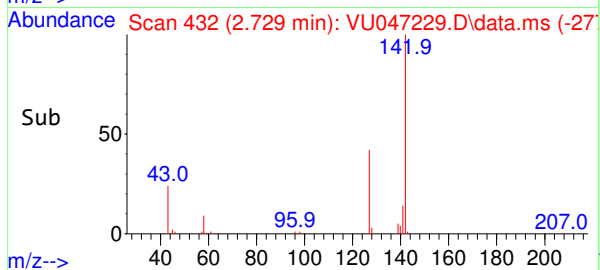
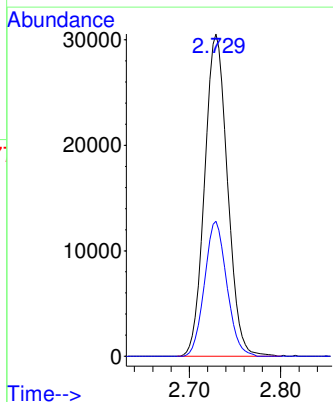
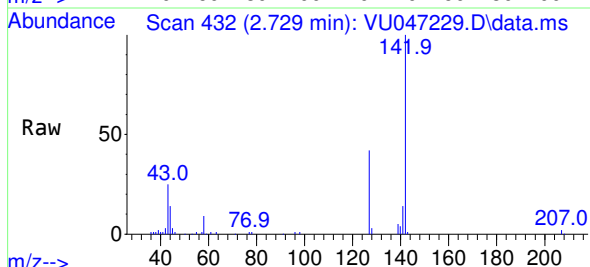
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 96 Resp: 125172  
Ion Ratio Lower Upper  
96 100  
61 159.3 0.0 514.2  
98 63.5 0.0 126.4

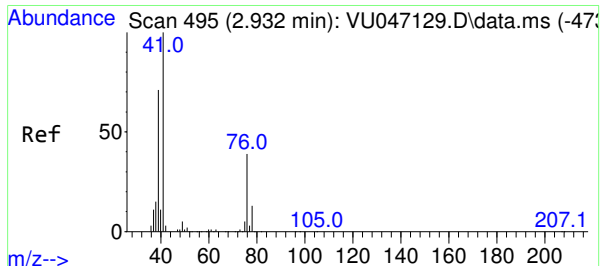


#10  
Iodomethane  
Concen: 4.17 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 142 Resp: 53118  
Ion Ratio Lower Upper  
142 100  
127 40.9 33.2 49.8



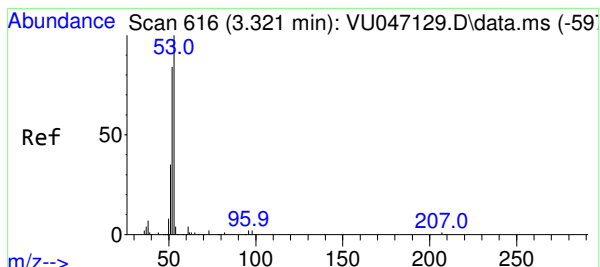
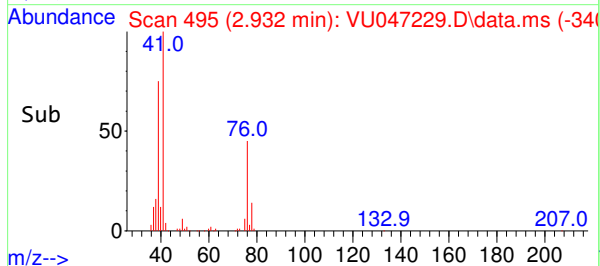
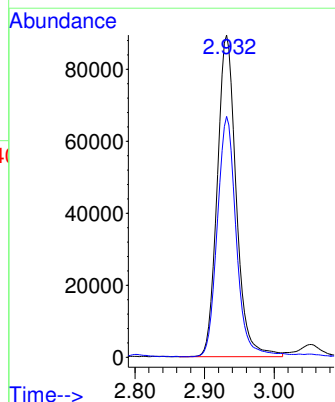
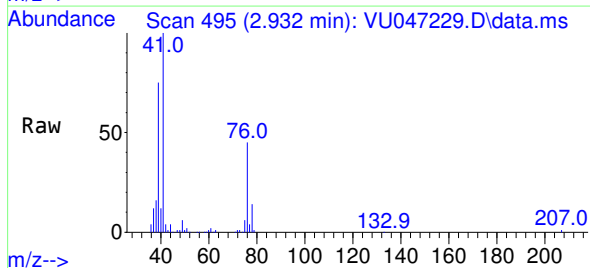




#11  
 Allyl Chloride  
 Concen: 8.70 ug/l  
 RT: 2.932 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

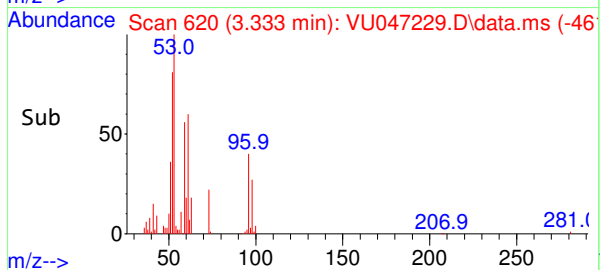
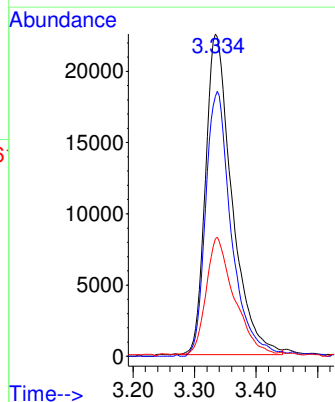
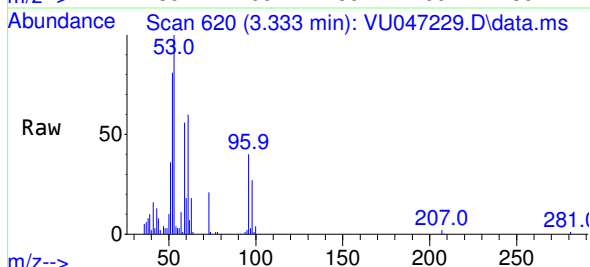
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

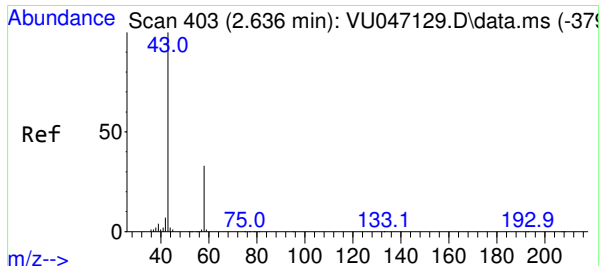
Tgt Ion: 41 Resp: 168608  
 Ion Ratio Lower Upper  
 41 100  
 39 75.0 62.4 93.6



#12  
 Acrylonitrile  
 Concen: 18.41 ug/l  
 RT: 3.333 min Scan# 620  
 Delta R.T. 0.013 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

Tgt Ion: 53 Resp: 67131  
 Ion Ratio Lower Upper  
 53 100  
 52 80.8 56.7 85.1  
 51 38.0 30.3 45.5

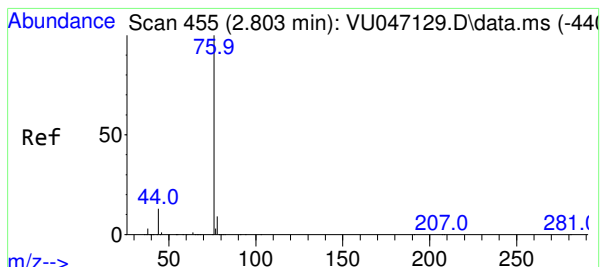
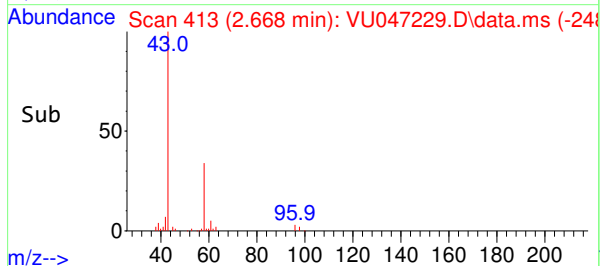
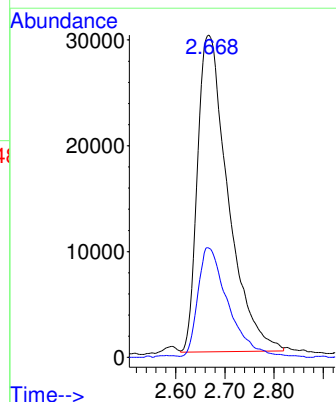
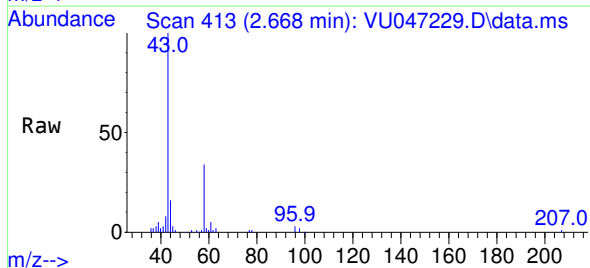




#13  
Acetone  
Concen: 57.93 ug/l  
RT: 2.668 min Scan# 413  
Delta R.T. 0.032 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

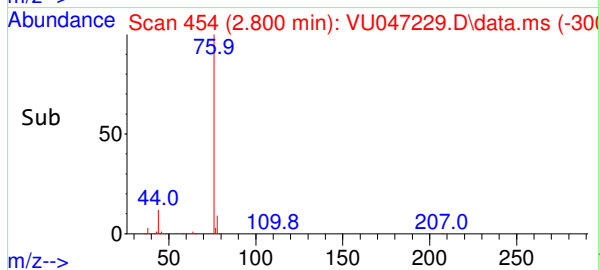
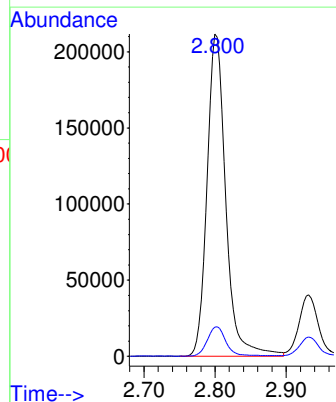
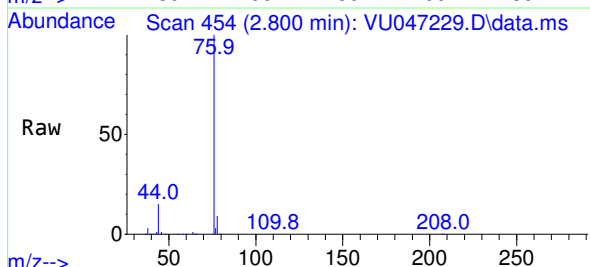
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

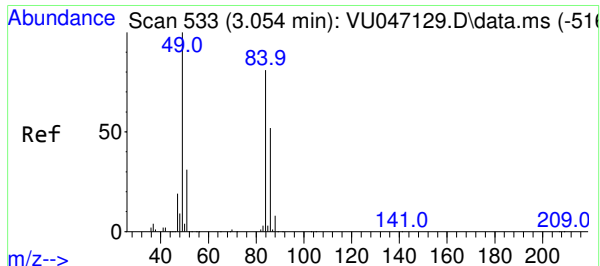
Tgt Ion: 43 Resp: 129234  
Ion Ratio Lower Upper  
43 100  
58 34.2 27.1 40.7



#14  
Carbon Disulfide  
Concen: 9.22 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 76 Resp: 387695  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



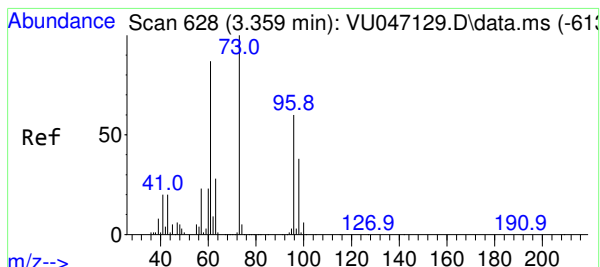
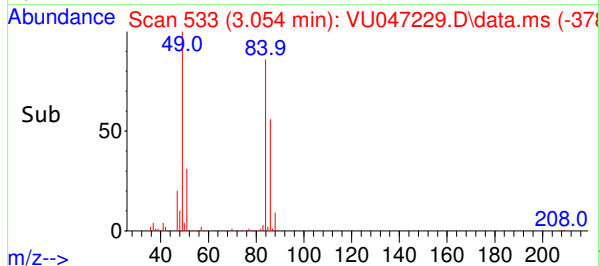
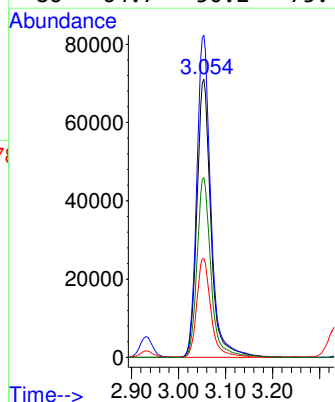
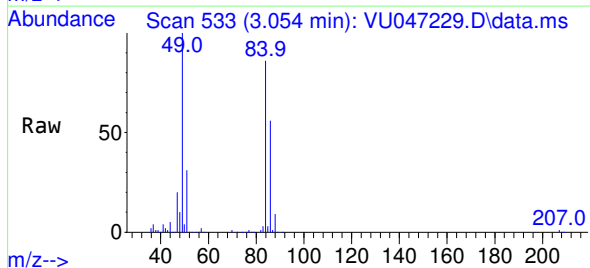


#15  
Methylene Chloride  
Concen: 10.54 ug/l  
RT: 3.054 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 84 Resp: 147109

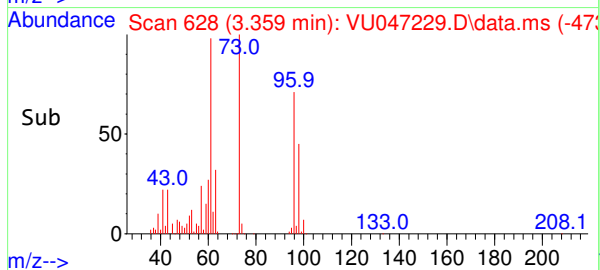
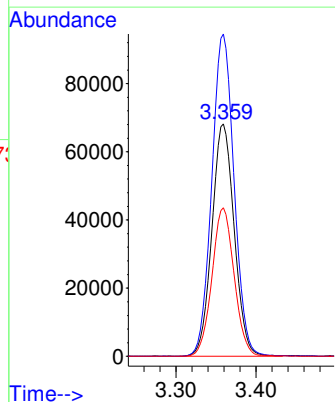
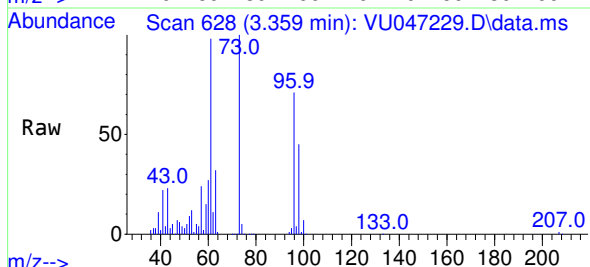
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 115.9 | 97.2  | 145.8 |
| 51  | 35.5  | 0.0   | 73.4  |
| 86  | 64.7  | 50.2  | 75.4  |

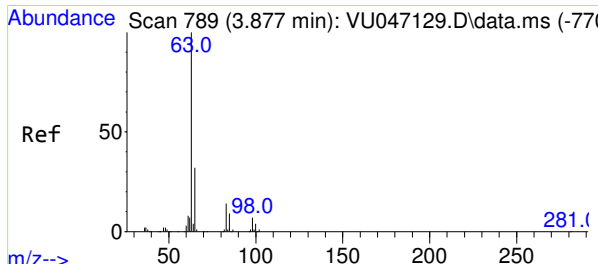


#16  
trans-1,2-Dichloroethene  
Concen: 10.12 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 96 Resp: 132702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.7 | 115.8 | 173.6 |
| 98  | 63.9  | 51.1  | 76.7  |

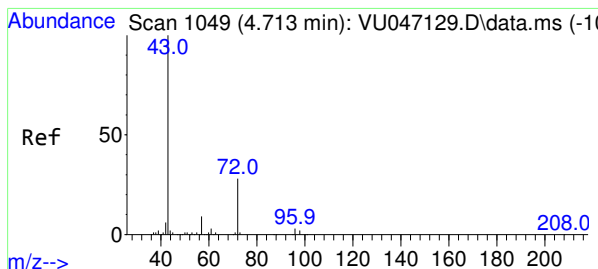
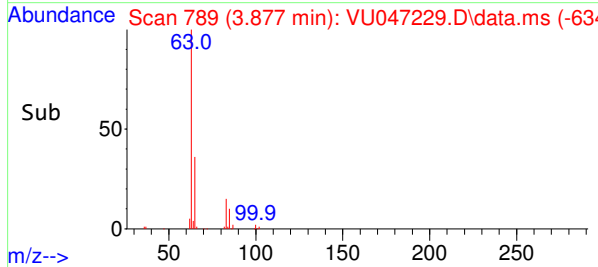
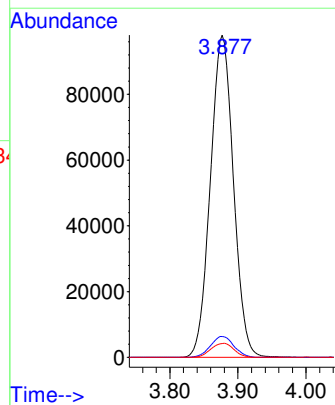
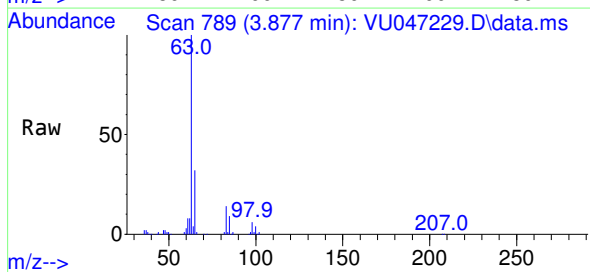




#17  
1,1-Dichloroethane  
Concen: 9.60 ug/l  
RT: 3.877 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

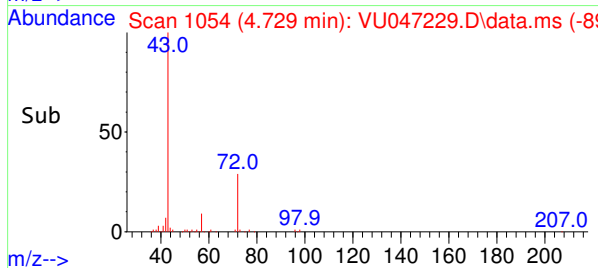
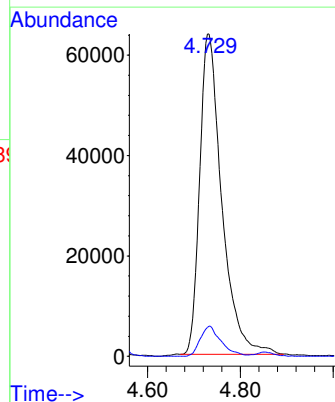
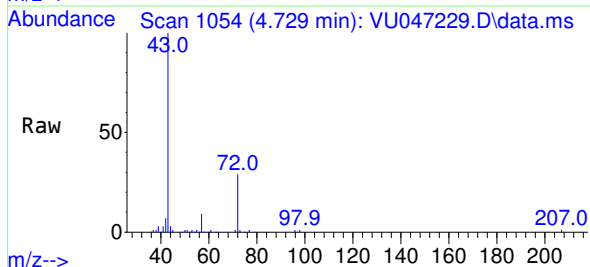
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

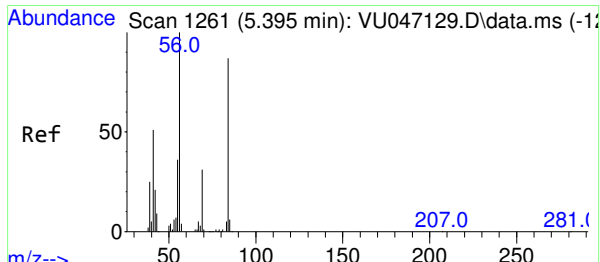
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 230785 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 98       | 6.5   | 3.6   | 10.8   |
| 100      | 4.3   | 2.1   | 6.5    |



#18  
2-Butanone  
Concen: 57.47 ug/l  
RT: 4.729 min Scan# 1054  
Delta R.T. 0.016 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 211150 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 57       | 9.0   | 0.0   | 16.6   |

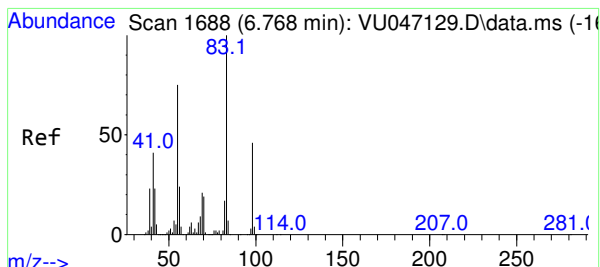
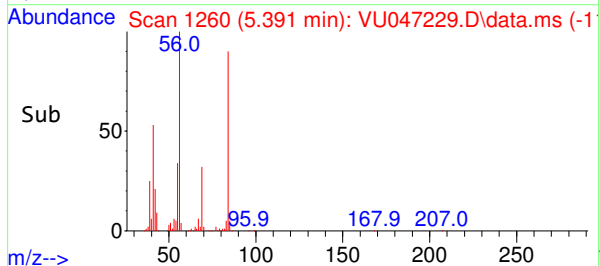
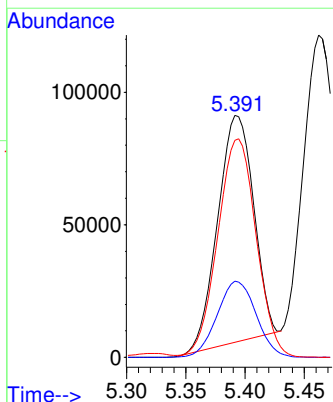
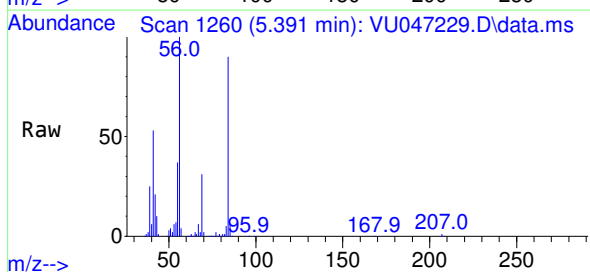




#19  
Cyclohexane  
Concen: 8.12 ug/l  
RT: 5.391 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

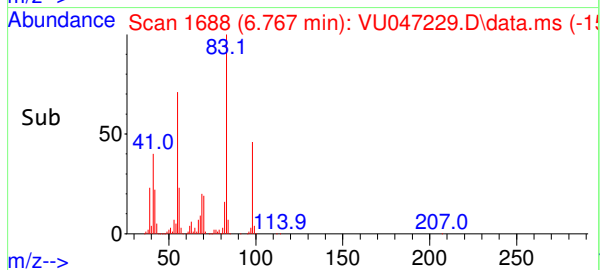
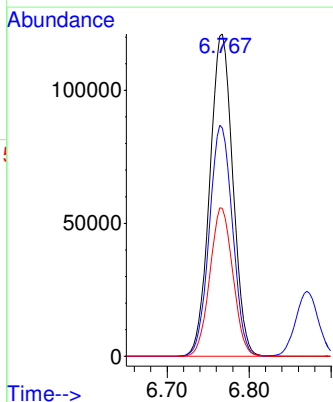
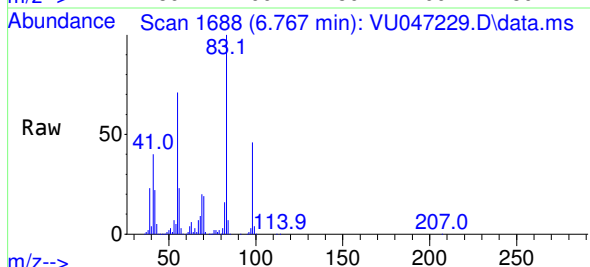
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

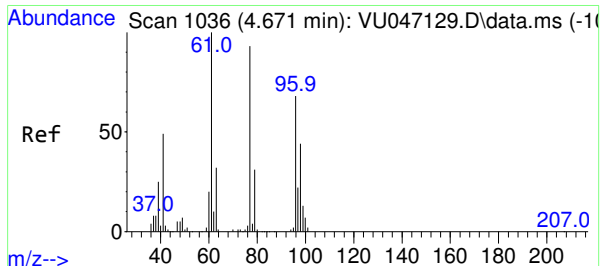
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 180857 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 36.4  | 24.7  | 37.1   |
| 84       | 102.1 | 68.8  | 103.2  |



#20  
Methylcyclohexane  
Concen: 9.63 ug/l  
RT: 6.767 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 236269 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 72.1  | 61.9  | 92.9   |
| 98       | 46.1  | 37.4  | 56.2   |

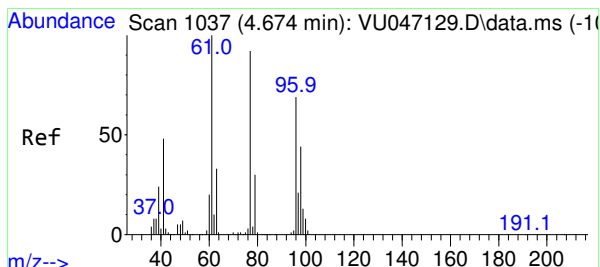
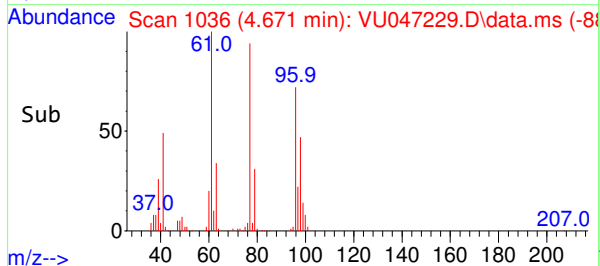
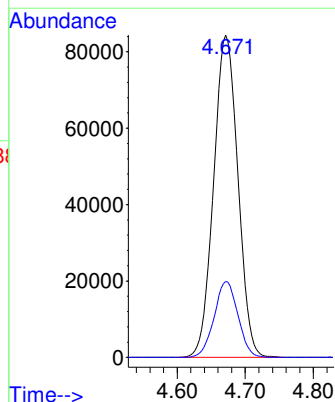
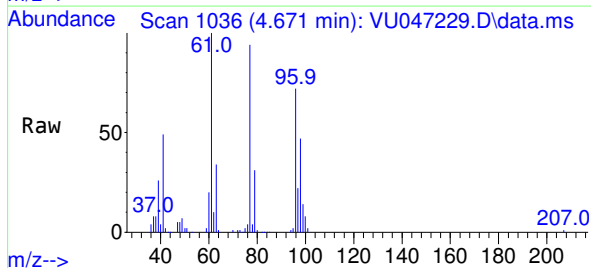




#21  
2,2-Dichloropropane  
Concen: 9.73 ug/l  
RT: 4.671 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

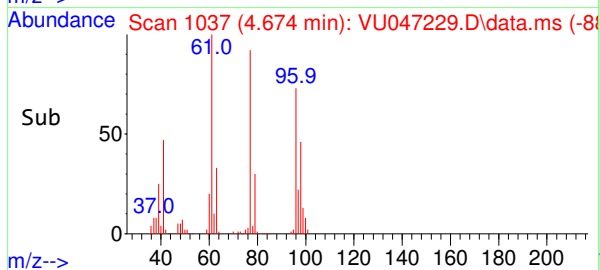
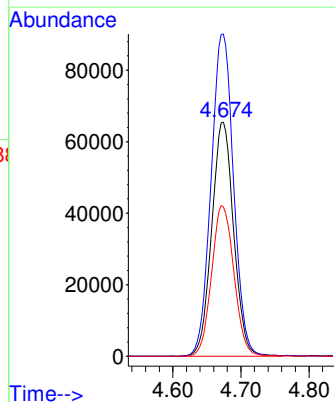
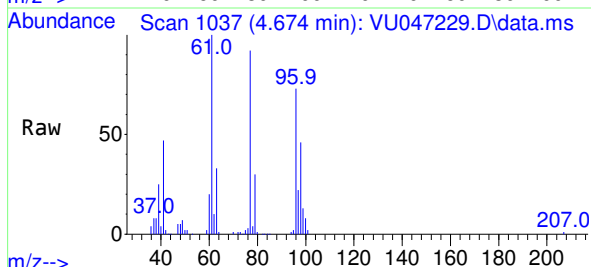
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

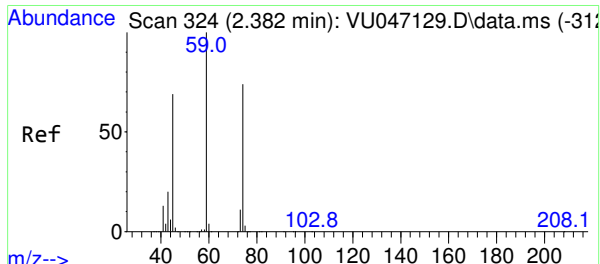
Tgt Ion: 77 Resp: 209002  
Ion Ratio Lower Upper  
77 100  
97 23.1 17.2 25.8



#22  
cis-1,2-Dichloroethene  
Concen: 9.76 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 96 Resp: 147255  
Ion Ratio Lower Upper  
96 100  
61 140.7 0.0 385.3  
98 65.5 32.1 96.3

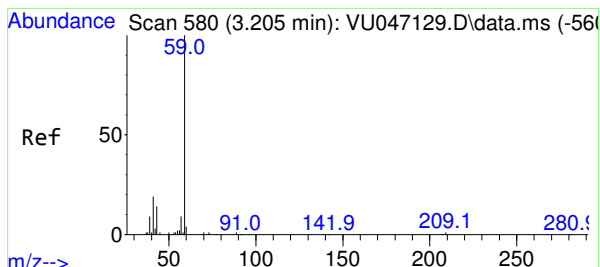
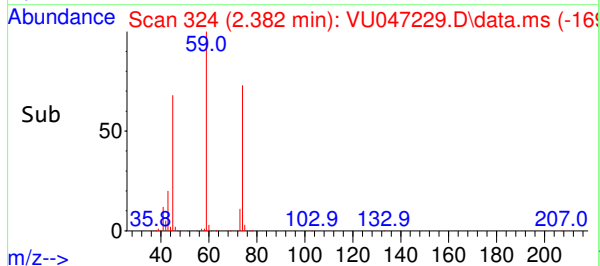
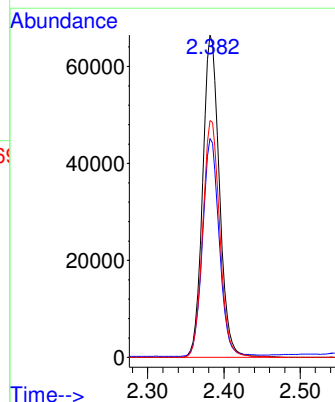
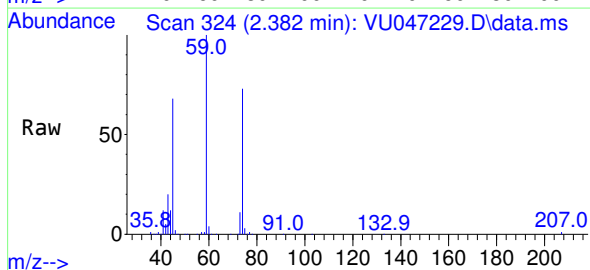




#23  
Diethyl Ether  
Concen: 10.08 ug/l  
RT: 2.382 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

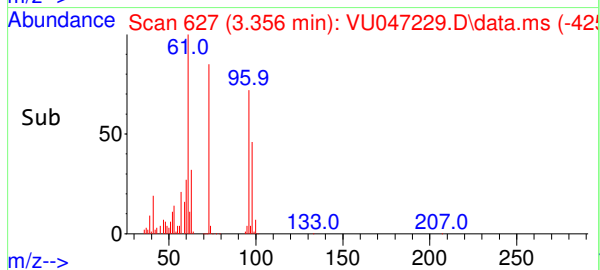
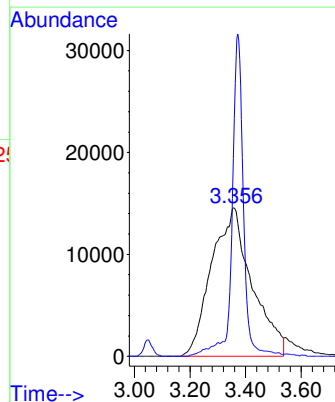
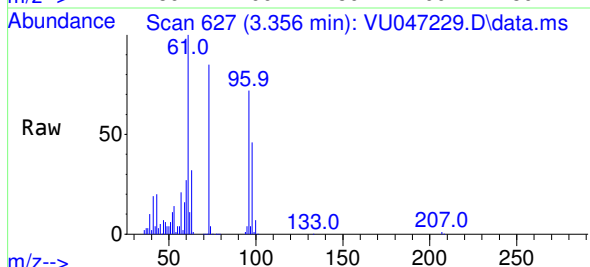
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

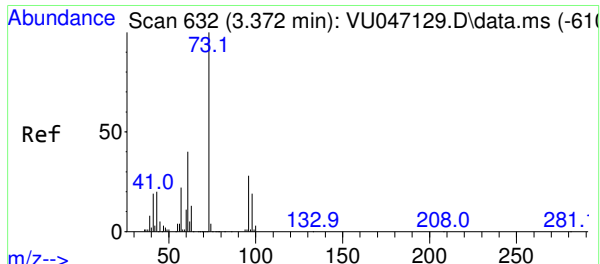
Tgt Ion: 59 Resp: 101181  
Ion Ratio Lower Upper  
59 100  
45 67.7 55.6 83.4  
74 74.9 58.1 87.1



#24  
tert-Butyl Alcohol  
Concen: 225.45 ug/l  
RT: 3.356 min Scan# 627  
Delta R.T. 0.151 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 59 Resp: 147252  
Ion Ratio Lower Upper  
59 100  
57 52.4 6.5 9.7#

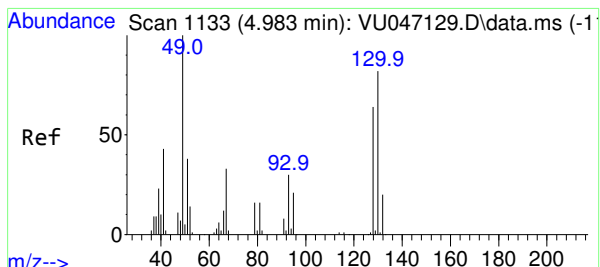
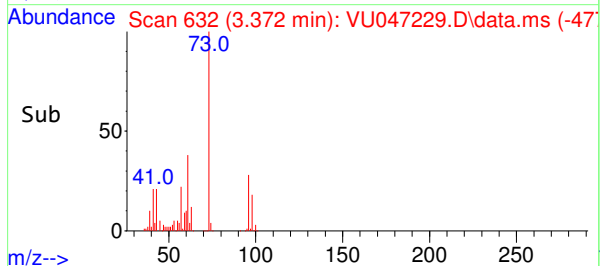
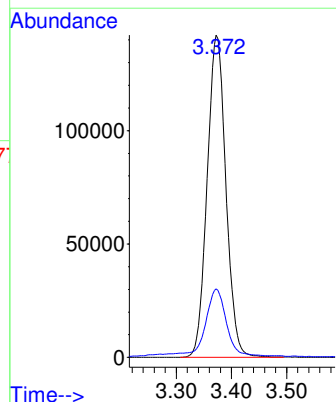
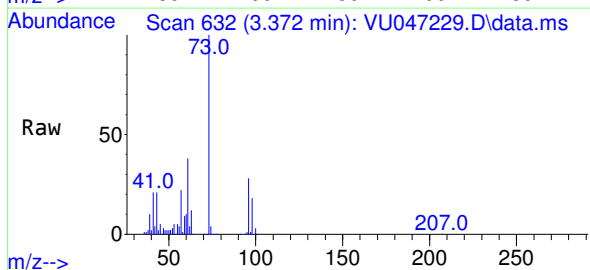




#25  
Methyl tert-Butyl Ether  
Concen: 9.64 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

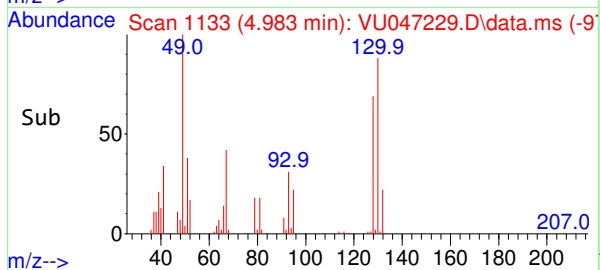
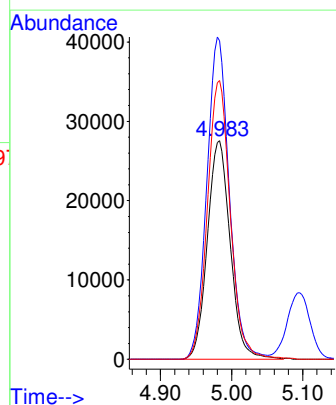
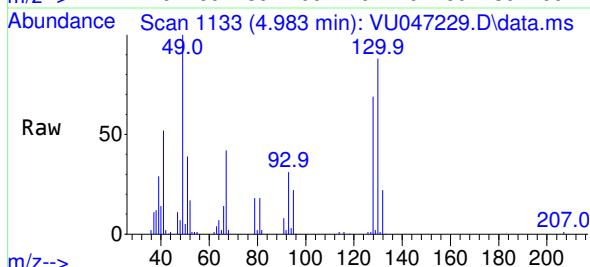
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion: 73 Resp: 336101  
Ion Ratio Lower Upper  
73 100  
43 21.9 16.3 24.5

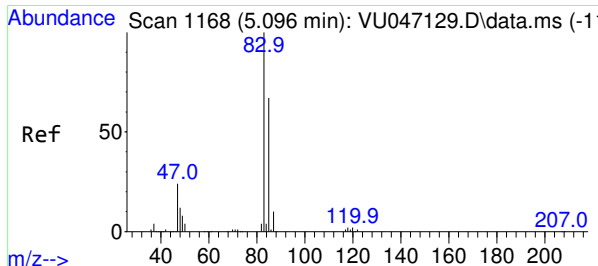


#26  
Bromochloromethane  
Concen: 9.08 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 128 Resp: 61570  
Ion Ratio Lower Upper  
128 100  
49 144.9 0.0 347.4  
130 127.9 101.5 152.3



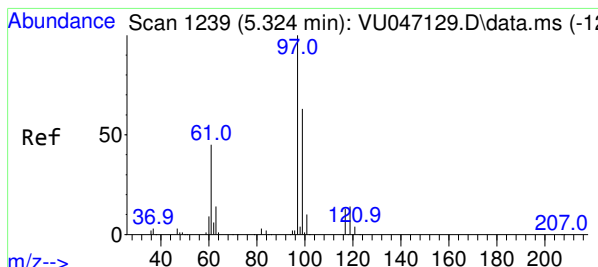
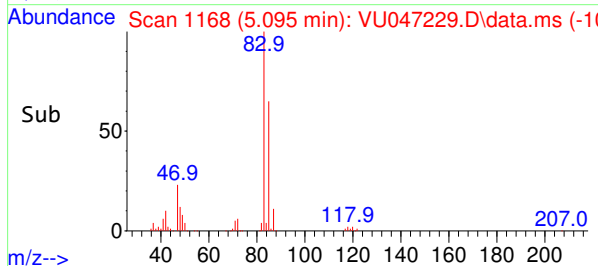
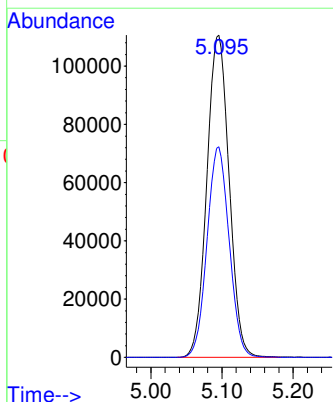
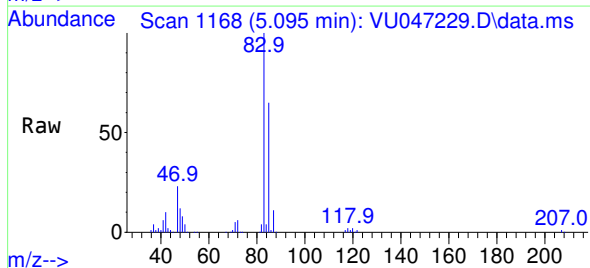




#27  
Chloroform  
Concen: 9.88 ug/l  
RT: 5.095 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

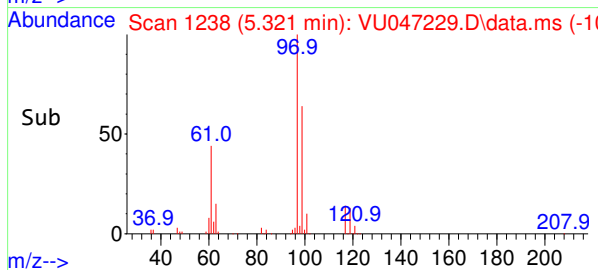
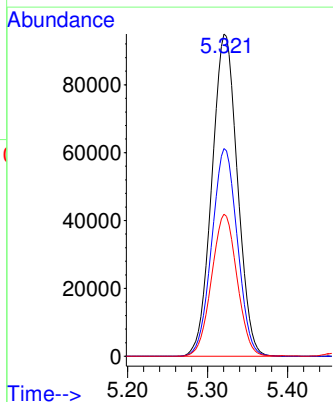
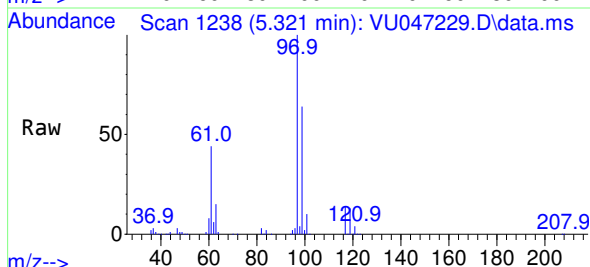
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MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

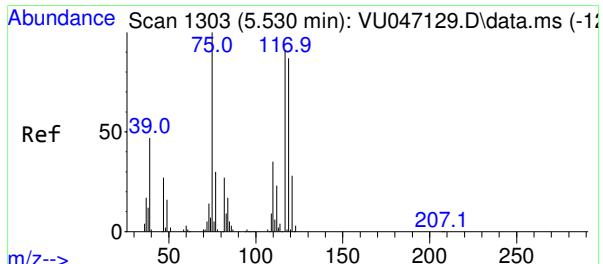
Tgt Ion: 83 Resp: 240845  
Ion Ratio Lower Upper  
83 100  
85 65.3 0.0 129.2



#28  
1,1,1-Trichloroethane  
Concen: 10.03 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 97 Resp: 211791  
Ion Ratio Lower Upper  
97 100  
99 64.6 32.2 96.6  
61 44.0 24.5 73.5

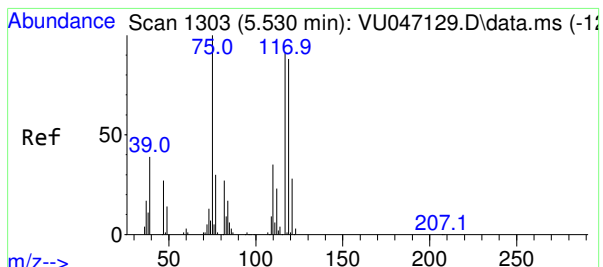
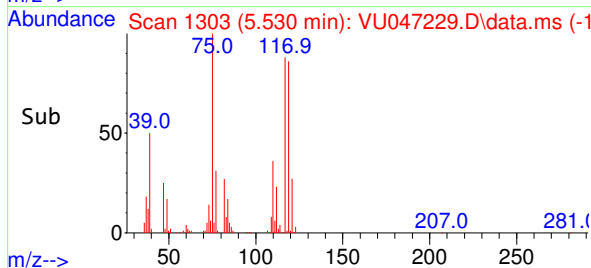
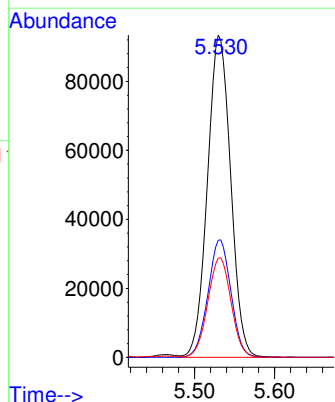
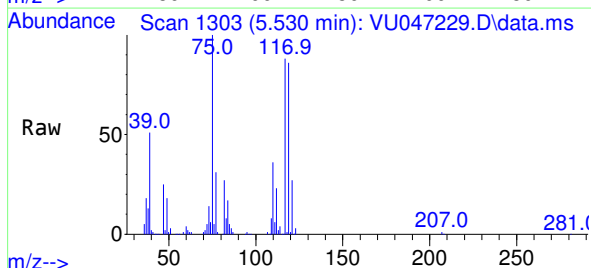




#29  
1,1-Dichloropropene  
Concen: 9.78 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

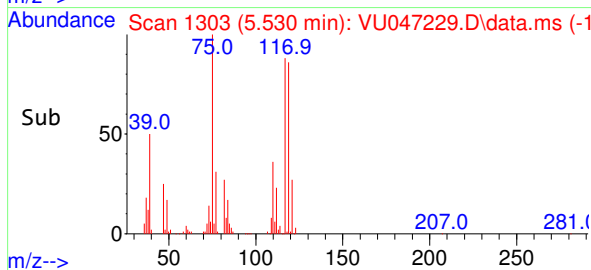
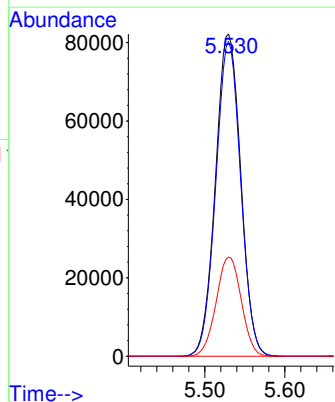
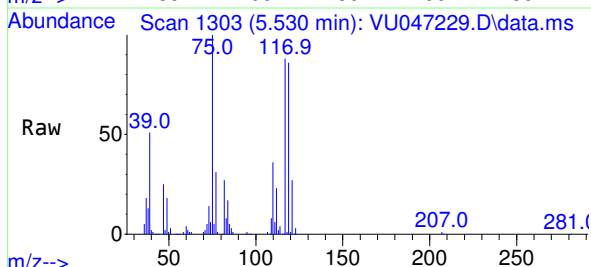
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

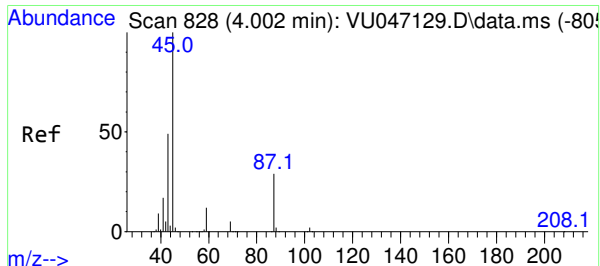
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 189043 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 36.2  | 16.8  | 50.3   |
| 77       | 31.0  | 24.7  | 37.1   |



#30  
Carbon Tetrachloride  
Concen: 9.76 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 181164 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 76.8  | 115.2  |
| 121      | 30.8  | 24.6  | 37.0   |

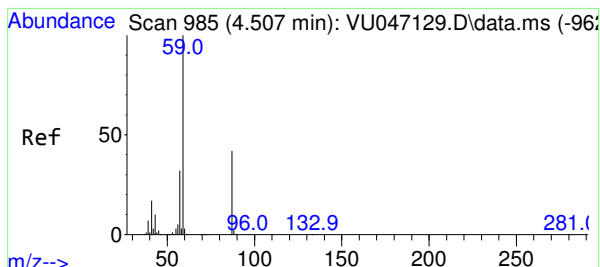
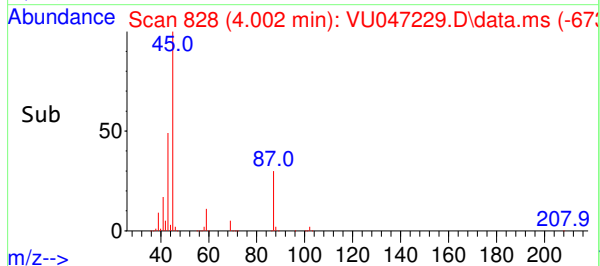
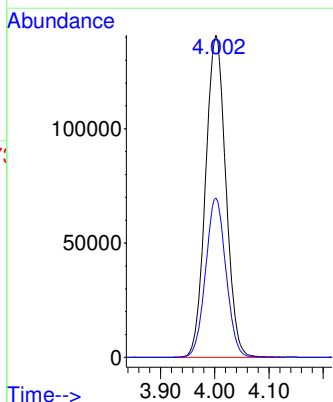
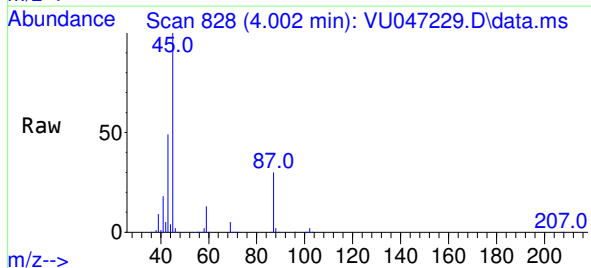




#31  
Isopropyl Ether  
Concen: 9.50 ug/l  
RT: 4.002 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

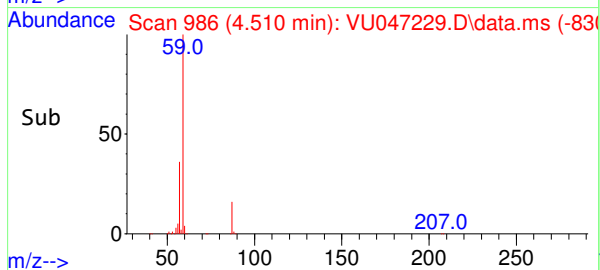
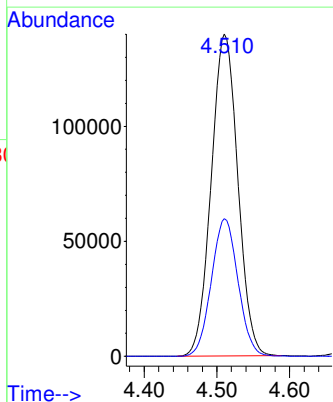
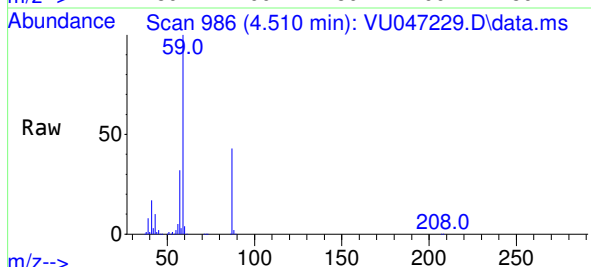
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

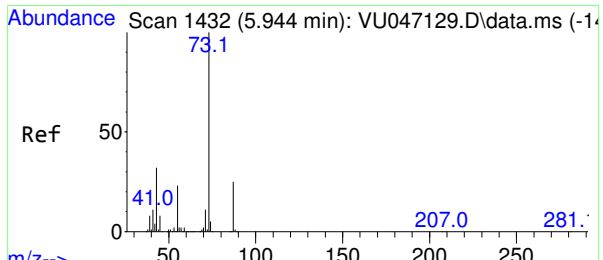
Tgt Ion: 45 Resp: 365080  
Ion Ratio Lower Upper  
45 100  
43 49.8 25.3 75.8



#32  
Ethyl-t-butyl ether  
Concen: 9.10 ug/l  
RT: 4.510 min Scan# 986  
Delta R.T. 0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 59 Resp: 355679  
Ion Ratio Lower Upper  
59 100  
87 42.9 32.7 49.1

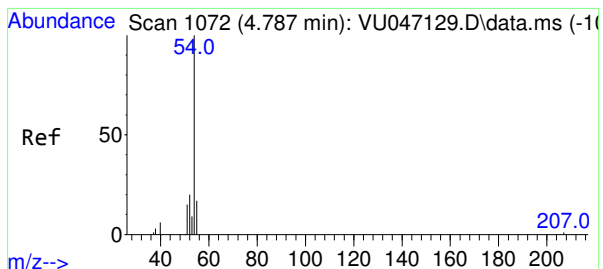
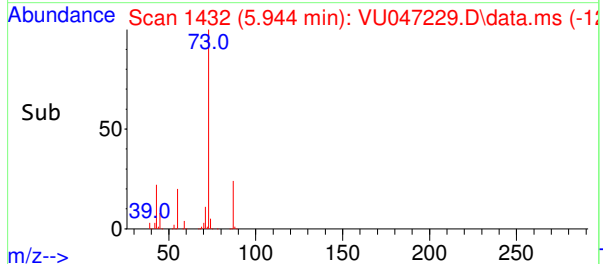
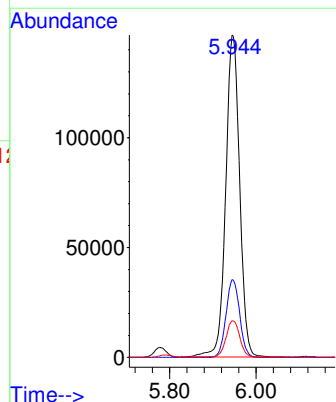
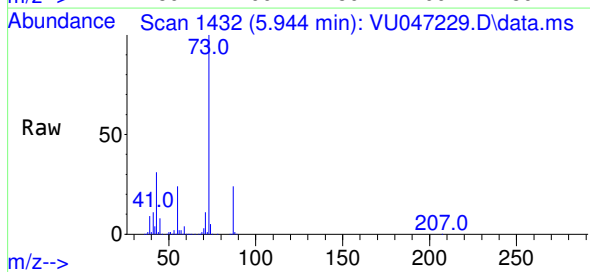




#33  
Tert-Amyl methyl ether  
Concen: 9.14 ug/l  
RT: 5.944 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

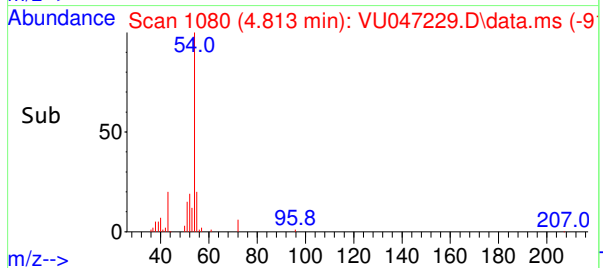
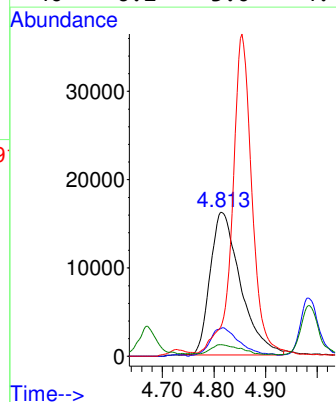
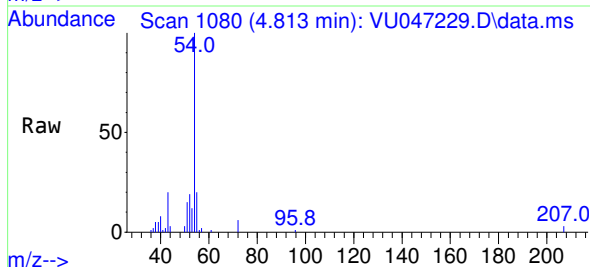
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

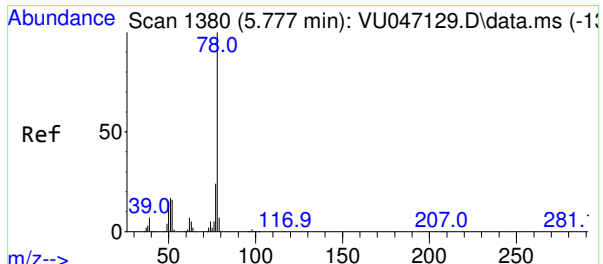
Tgt Ion: 73 Resp: 328994  
Ion Ratio Lower Upper  
73 100  
87 23.6 18.6 28.0  
71 11.5 9.0 13.6



#34  
Propionitrile  
Concen: 58.86 ug/l  
RT: 4.813 min Scan# 1080  
Delta R.T. 0.026 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 54 Resp: 66161  
Ion Ratio Lower Upper  
54 100  
52 19.5 11.9 17.9#  
55 145.9 8.0 12.0#  
40 6.2 3.0 4.4#

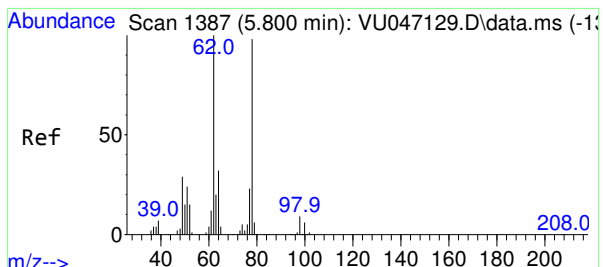
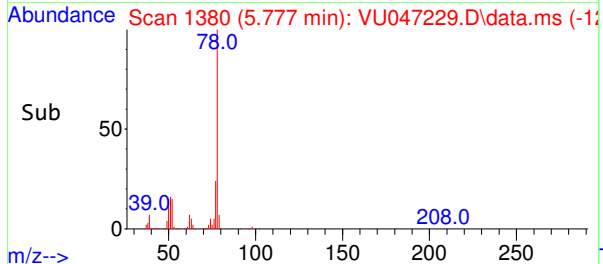
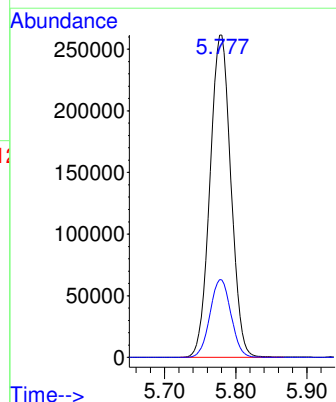
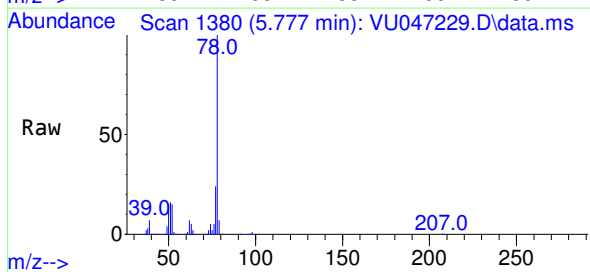




#35  
Benzene  
Concen: 9.87 ug/l  
RT: 5.777 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

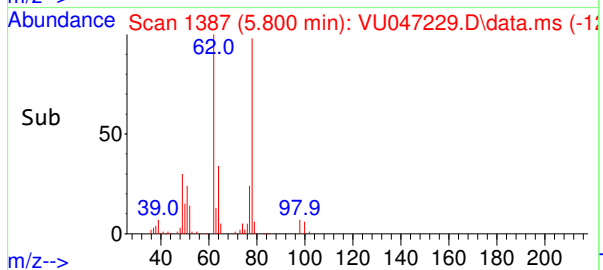
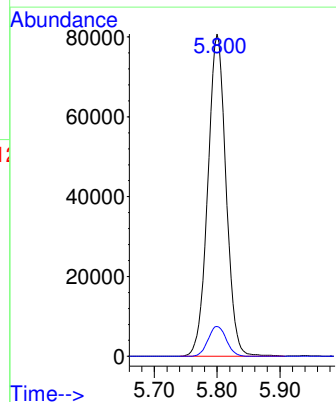
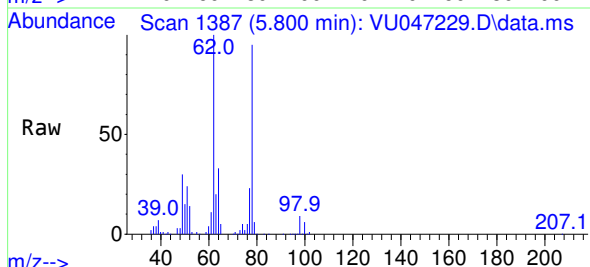
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

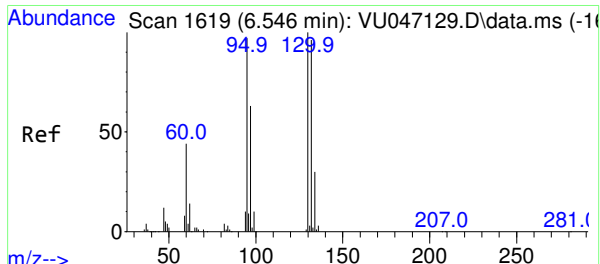
Tgt Ion: 78 Resp: 534284  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.1 28.7



#36  
1,2-Dichloroethane  
Concen: 9.94 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 62 Resp: 162992  
Ion Ratio Lower Upper  
62 100  
98 9.3 7.3 10.9

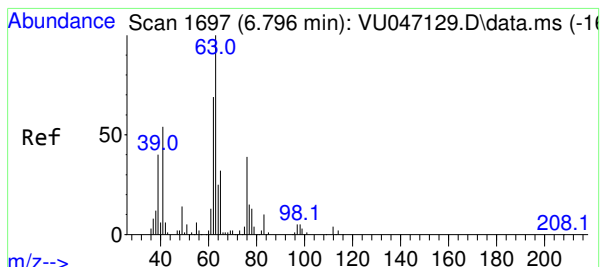
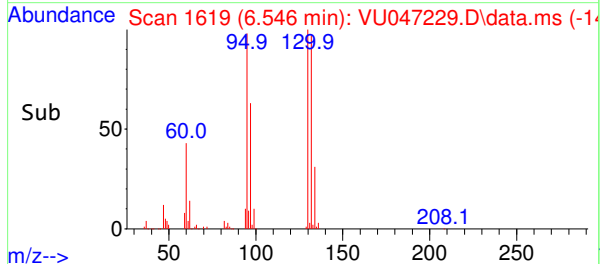
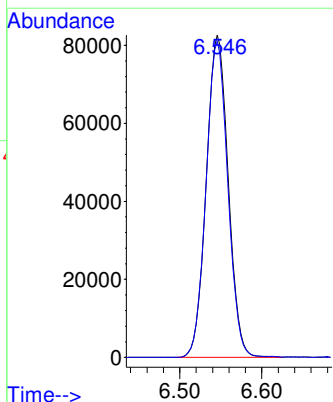
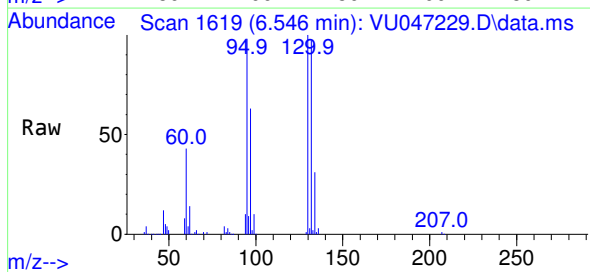




#37  
Trichloroethene  
Concen: 10.23 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

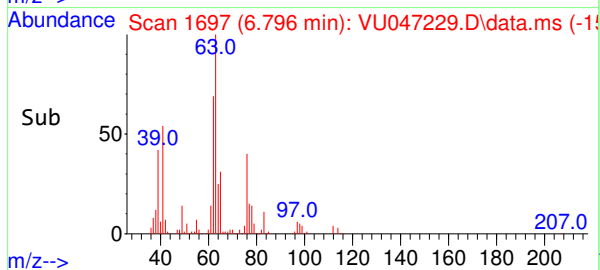
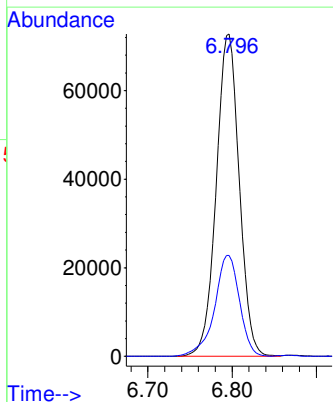
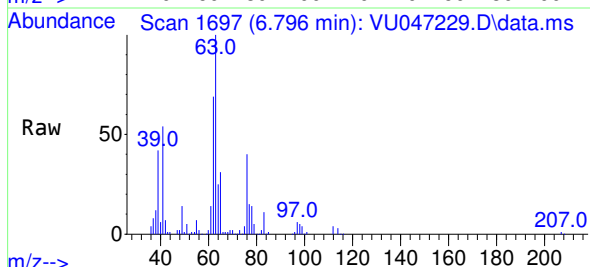
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ClientSampleId :  
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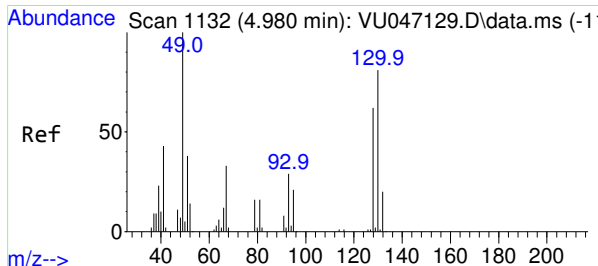
Tgt Ion:130 Resp: 153383  
Ion Ratio Lower Upper  
130 100  
95 98.1 83.8 125.8



#38  
1,2-Dichloropropane  
Concen: 9.64 ug/l  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 63 Resp: 138108  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.7 37.1

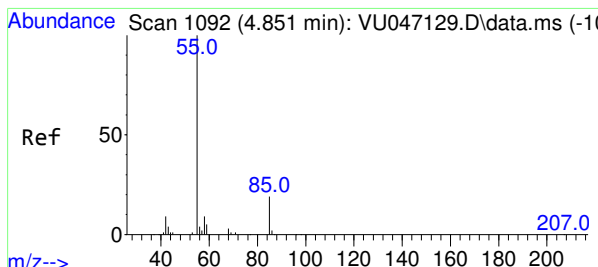
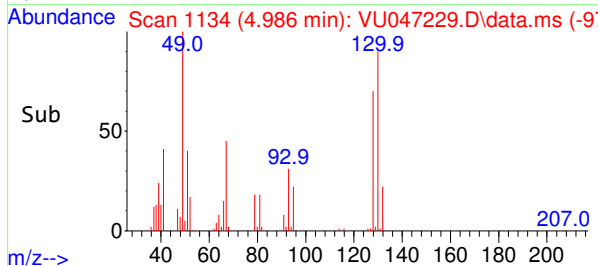
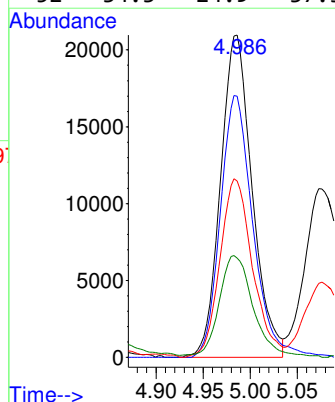
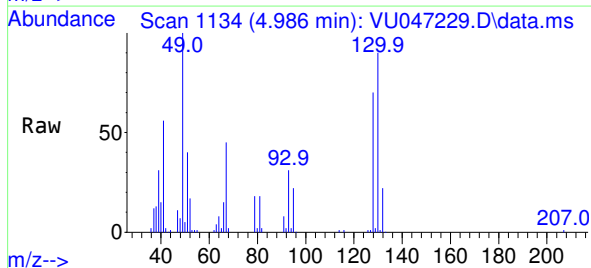




#39  
Methacrylonitrile  
Concen: 9.93 ug/l  
RT: 4.986 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

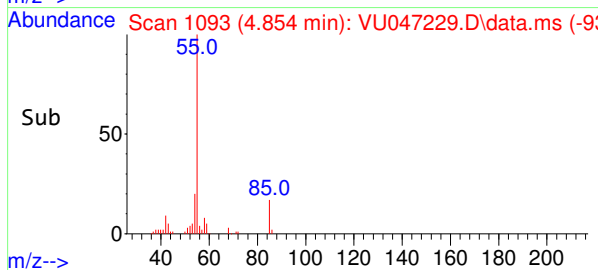
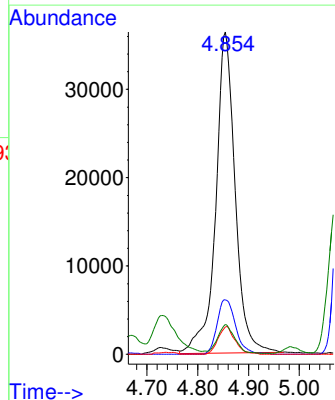
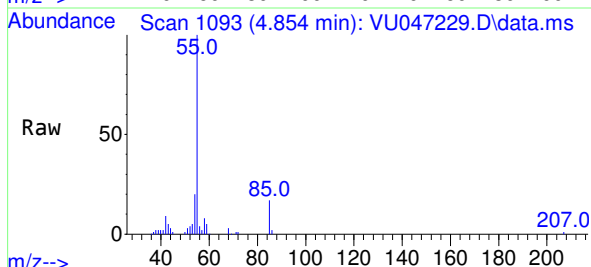
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MSVOA\_U  
ClientSampleId :  
VSTDC0010EC

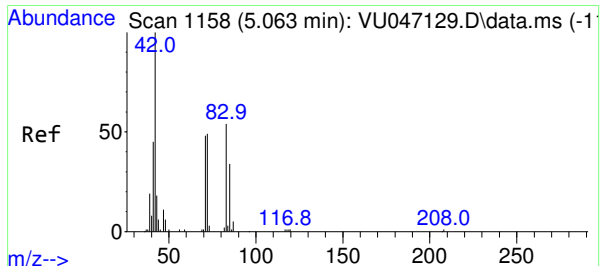
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 49061 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 83.8  | 65.2  | 97.8  |
| 39       | 57.1  | 43.0  | 64.6  |
| 52       | 34.3  | 24.9  | 37.3  |



#40  
Methyl acrylate  
Concen: 11.56 ug/l  
RT: 4.854 min Scan# 1093  
Delta R.T. 0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 55    | Resp: | 96496 |
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 16.2  | 12.2  | 18.2  |
| 58       | 7.6   | 6.7   | 10.1  |
| 42       | 8.2   | 6.9   | 10.3  |

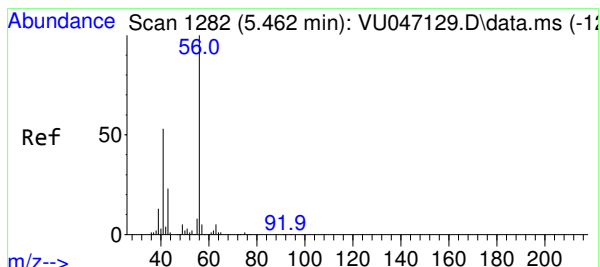
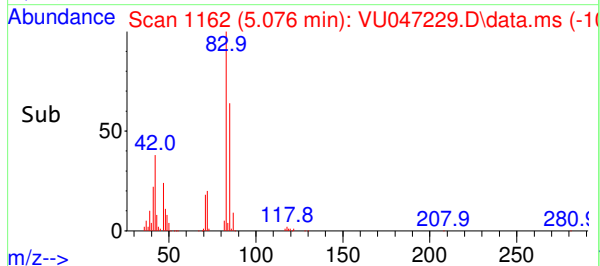
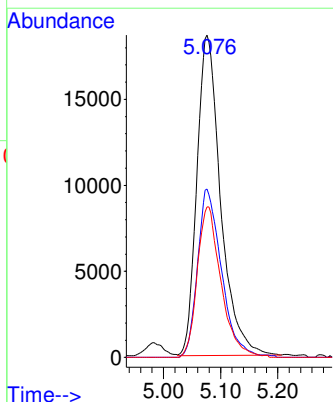
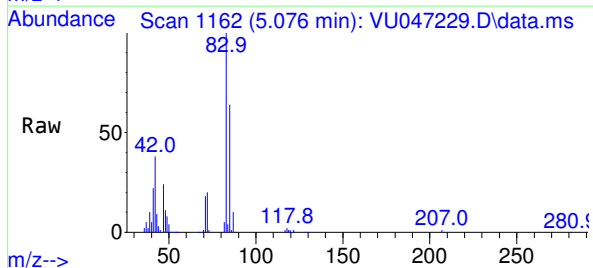




#41  
Tetrahydrofuran  
Concen: 21.35 ug/l  
RT: 5.076 min Scan# 1158  
Delta R.T. 0.013 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

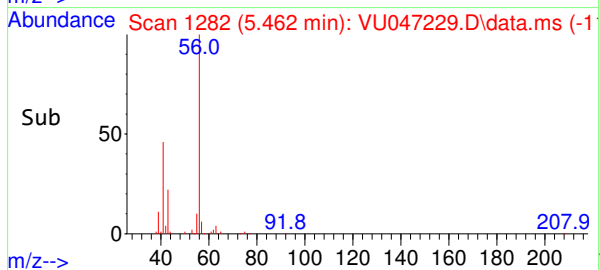
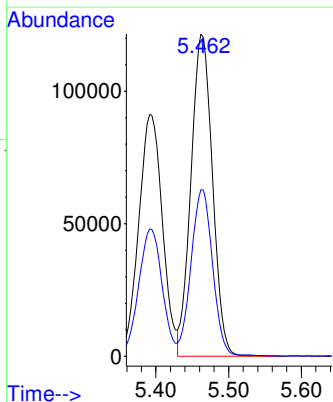
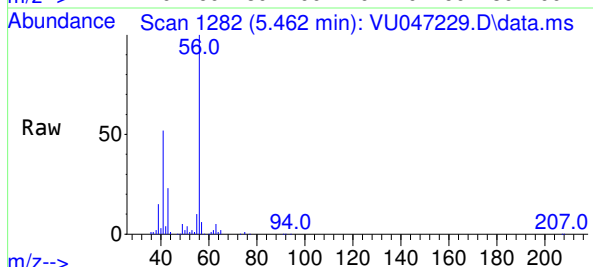
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 53715 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 52.8  | 42.4  | 63.6  |
| 71       | 47.0  | 36.4  | 54.6  |

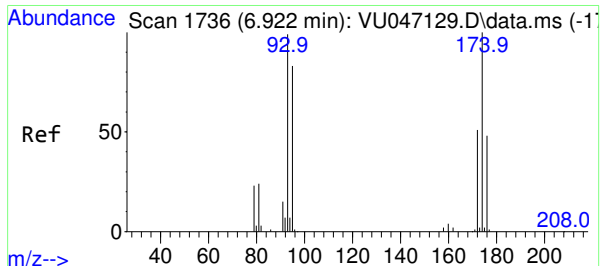


#42  
1-Chlorobutane  
Concen: 9.60 ug/l  
RT: 5.462 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 249018 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 41       | 51.3  | 26.0  | 78.0   |



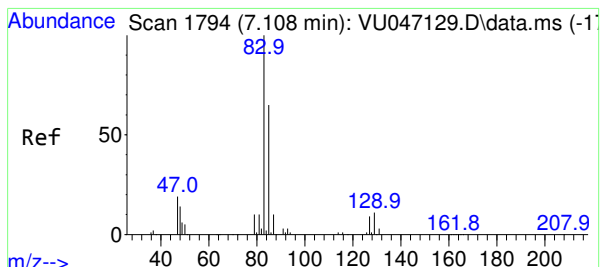
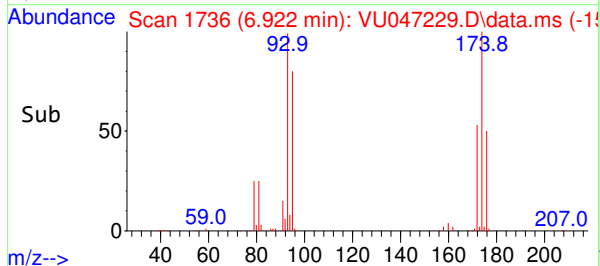
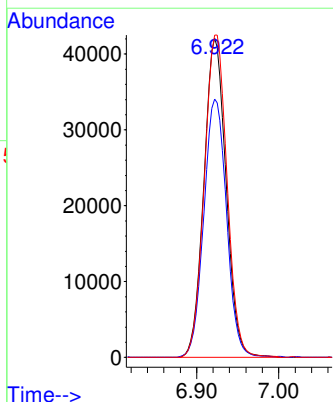
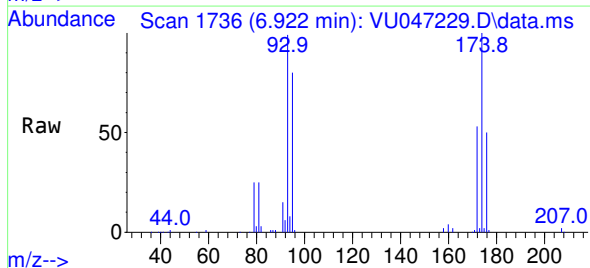




#43  
Dibromomethane  
Concen: 10.23 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

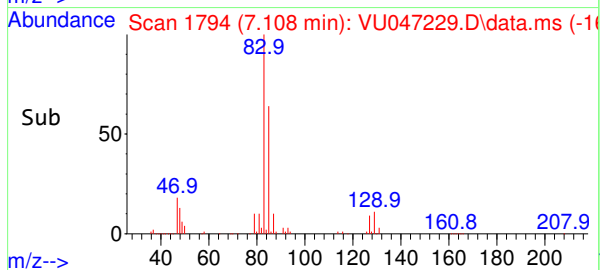
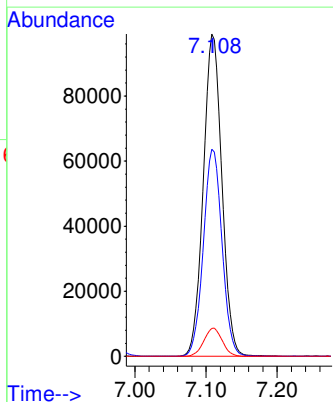
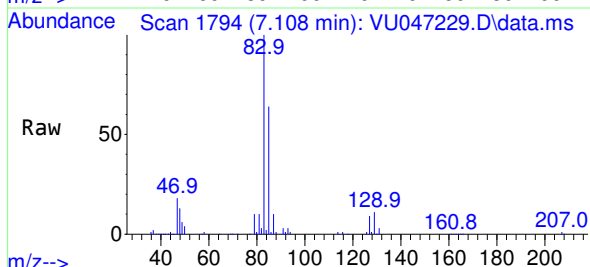
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

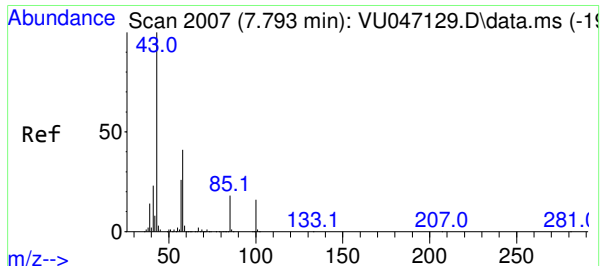
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 79022 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 83.1  | 66.2  | 99.2  |
| 174      | 103.5 | 70.7  | 106.1 |



#44  
Bromodichloromethane  
Concen: 9.85 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 180019 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.2  | 50.9  | 76.3   |
| 127      | 8.7   | 6.0   | 9.0    |

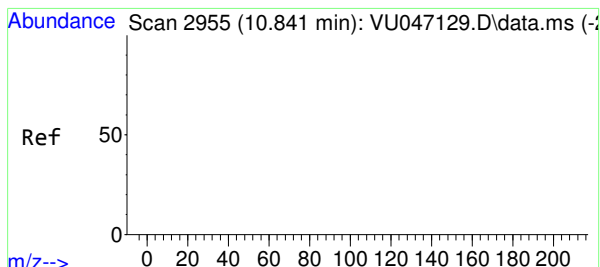
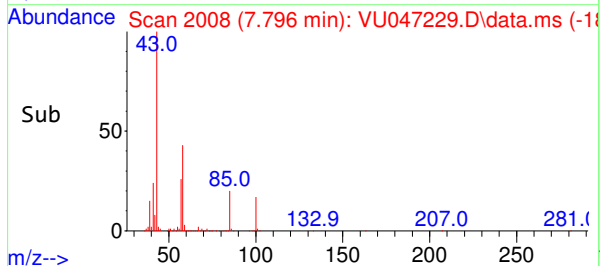
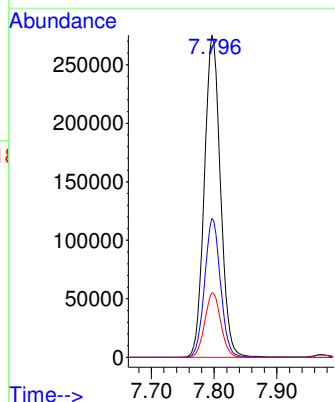
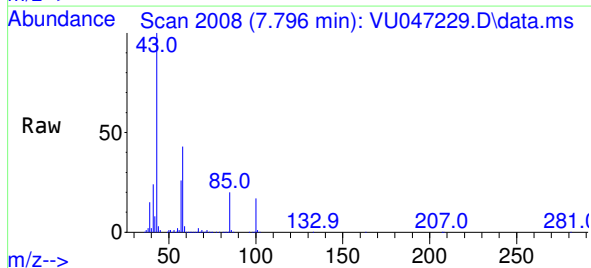




#45  
4-Methyl-2-Pentanone  
Concen: 47.04 ug/l  
RT: 7.796 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

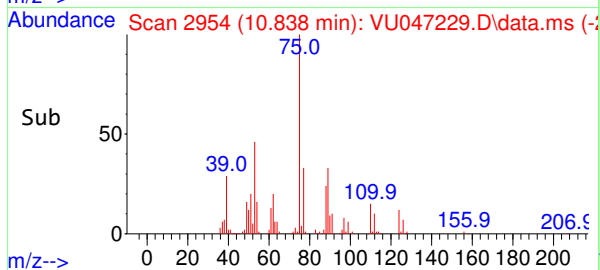
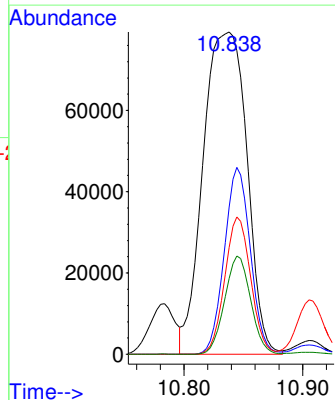
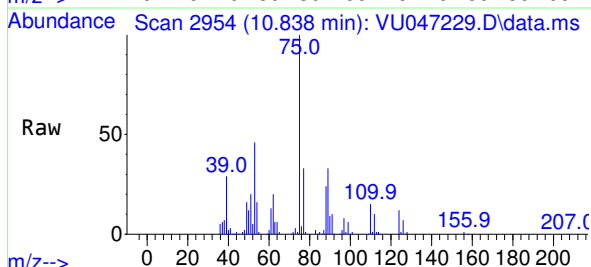
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

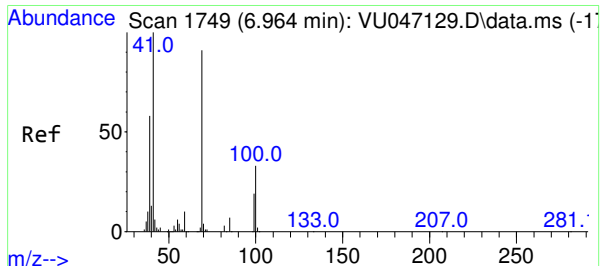
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 491686 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 42.5  | 21.0  | 63.0   |
| 85       | 20.0  | 14.8  | 22.2   |



#46  
t-1,4-Dichloro-2-butene  
Concen: 44.60 ug/l  
RT: 10.838 min Scan# 2954  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 202937 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 34.5  | 66.8  | 100.2# |
| 89       | 25.3  | 41.7  | 62.5#  |
| 88       | 18.1  | 32.3  | 48.5#  |

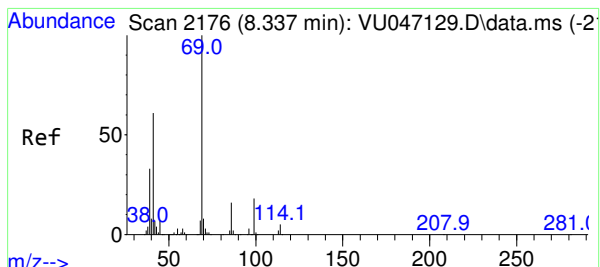
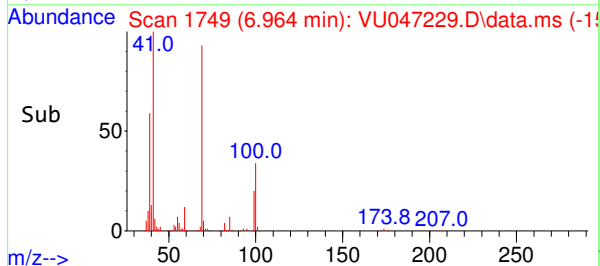
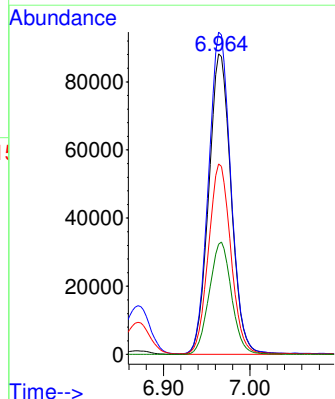
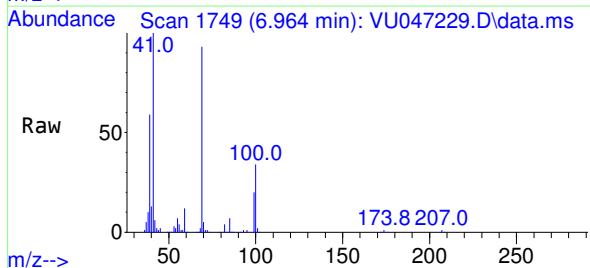




#47  
Methyl methacrylate  
Concen: 19.54 ug/l  
RT: 6.964 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

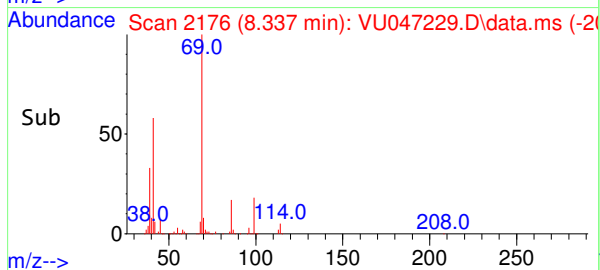
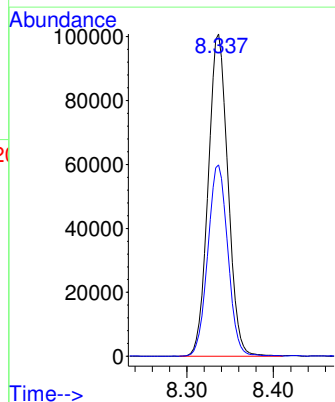
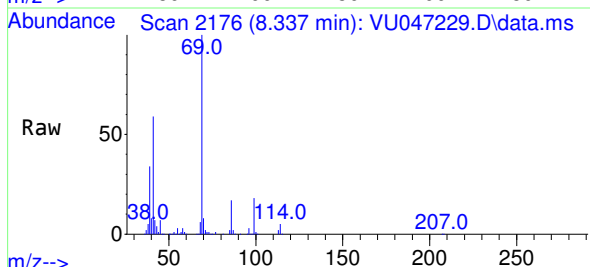
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

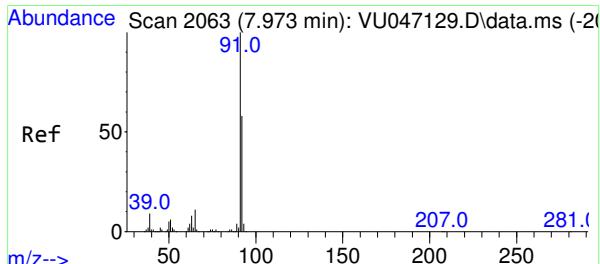
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 158341 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 106.5 | 0.0   | 230.0  |
| 39       | 63.4  | 55.1  | 82.7   |
| 100      | 37.2  | 30.3  | 45.5   |



#48  
Ethyl methacrylate  
Concen: 9.74 ug/l  
RT: 8.337 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 159989 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.2  | 32.6  | 98.0   |

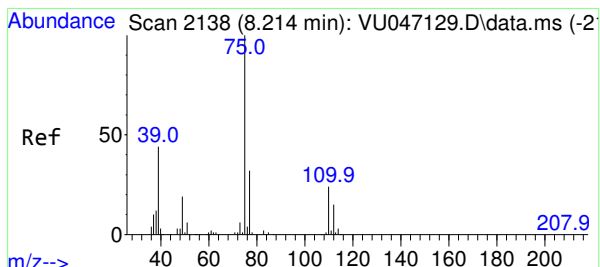
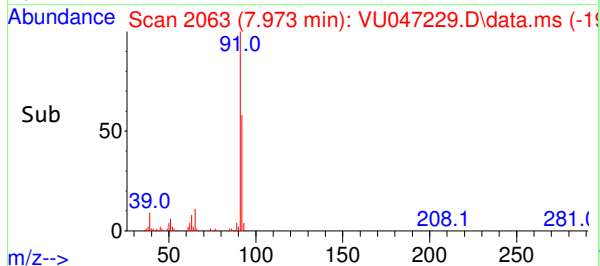
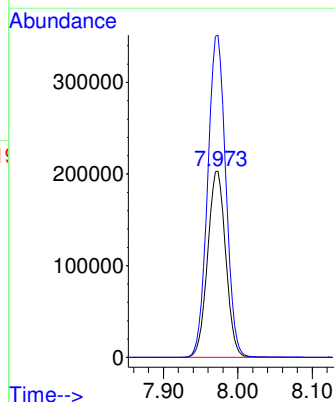
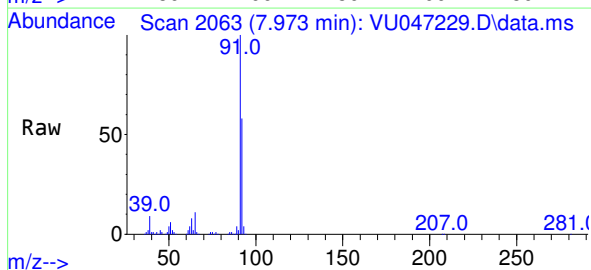




#49  
Toluene  
Concen: 9.84 ug/l  
RT: 7.973 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

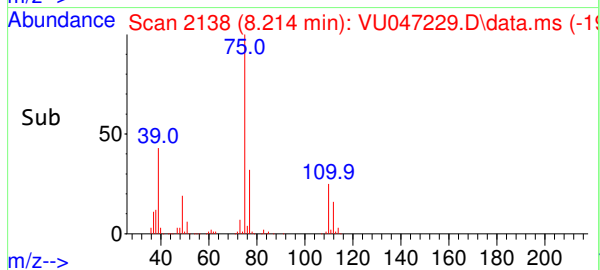
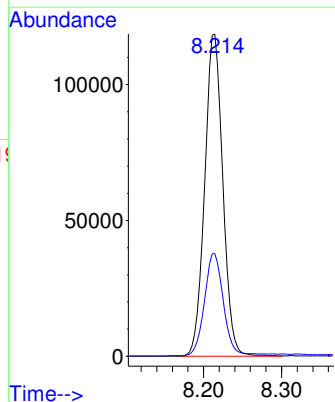
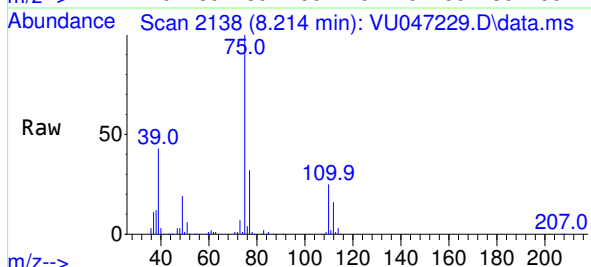
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

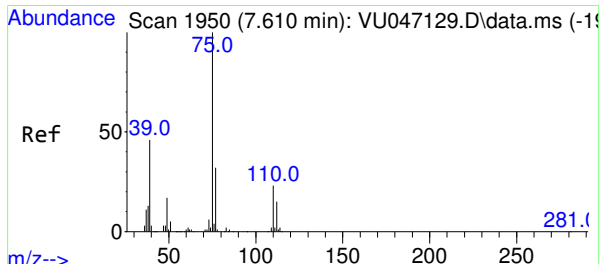
Tgt Ion: 92 Resp: 343794  
Ion Ratio Lower Upper  
92 100  
91 173.6 136.8 205.2



#50  
t-1,3-Dichloropropene  
Concen: 9.69 ug/l  
RT: 8.214 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 75 Resp: 191693  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4

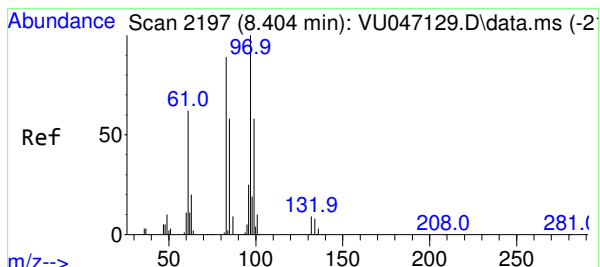
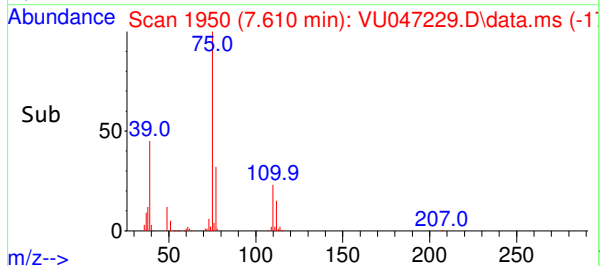
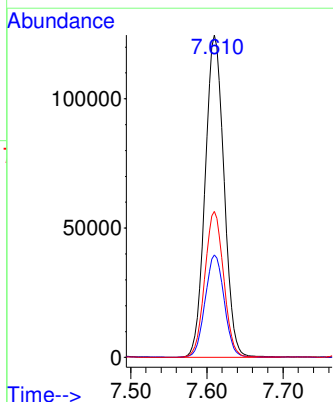
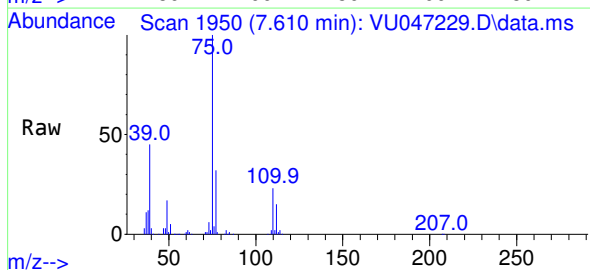




#51  
 cis-1,3-Dichloropropene  
 Concen: 9.67 ug/l  
 RT: 7.610 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

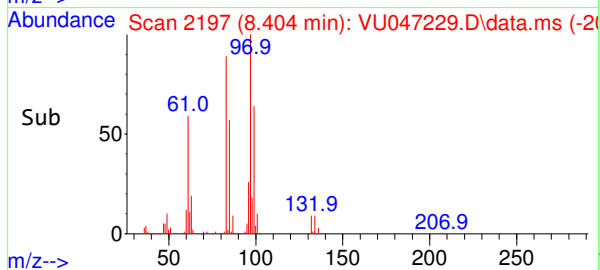
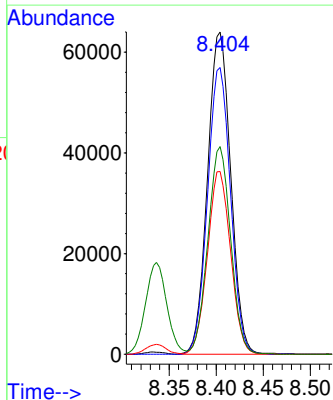
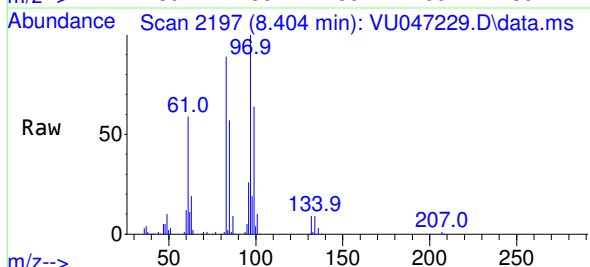
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

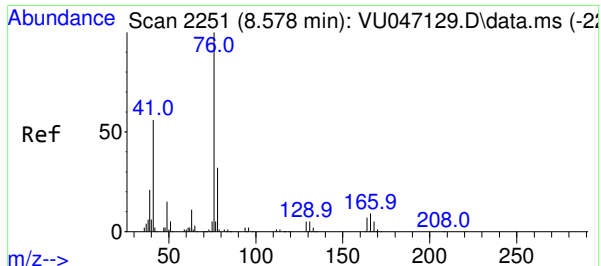
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 214572 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 31.8  | 25.2  | 37.8   |
| 39       | 45.3  | 38.6  | 57.8   |



#52  
 1,1,2-Trichloroethane  
 Concen: 9.94 ug/l  
 RT: 8.404 min Scan# 2197  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 109633 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.0  | 69.8  | 104.8  |
| 85       | 56.7  | 44.2  | 66.4   |
| 99       | 64.4  | 49.7  | 74.5   |

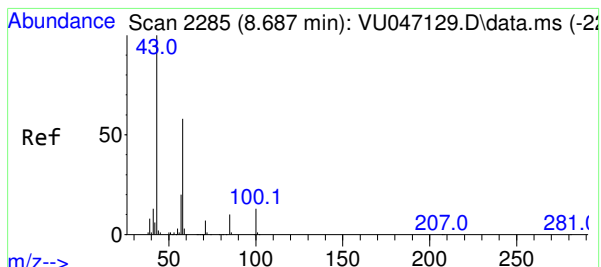
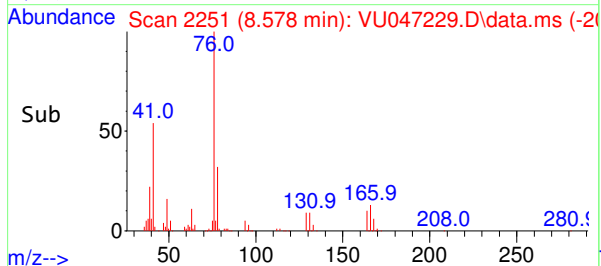
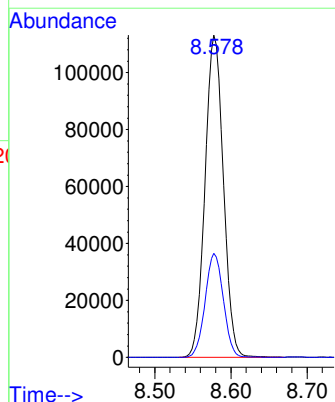
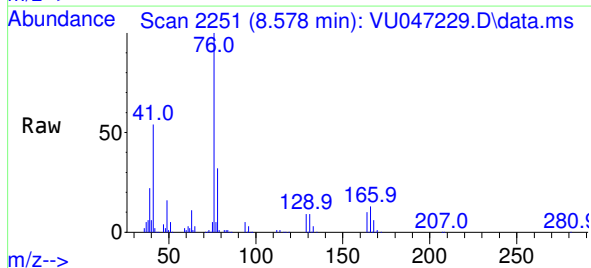




#53  
1,3-Dichloropropane  
Concen: 9.61 ug/l  
RT: 8.578 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

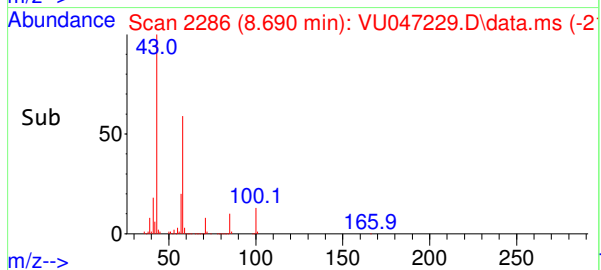
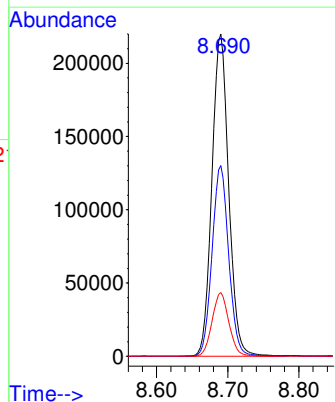
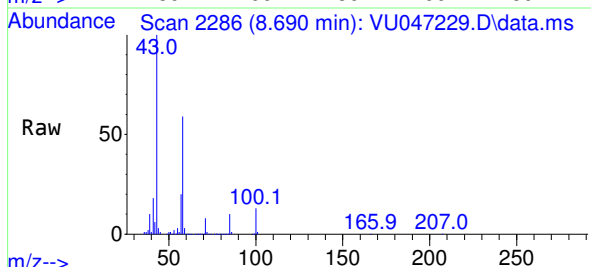
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

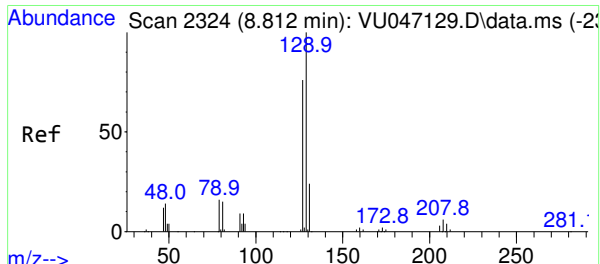
Tgt Ion: 76 Resp: 189289  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.4 38.2



#54  
2-Hexanone  
Concen: 46.20 ug/l  
RT: 8.690 min Scan# 2286  
Delta R.T. 0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 43 Resp: 359772  
Ion Ratio Lower Upper  
43 100  
58 58.9 37.7 77.7  
57 19.9 0.5 40.5

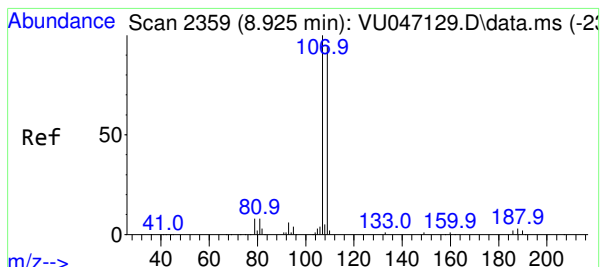
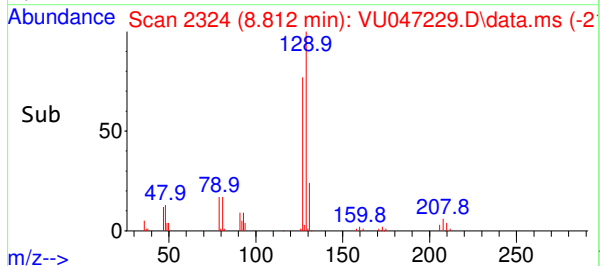
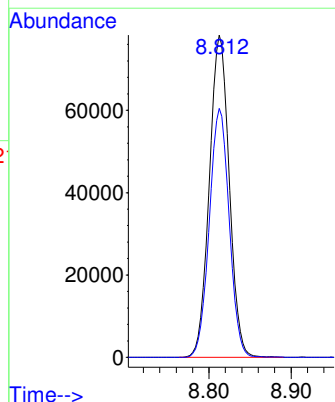
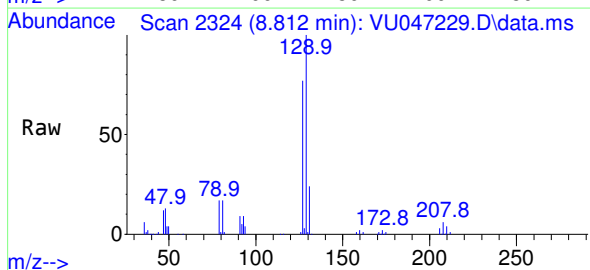




#55  
 Dibromochloromethane  
 Concen: 9.83 ug/l  
 RT: 8.812 min Scan# 2324  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

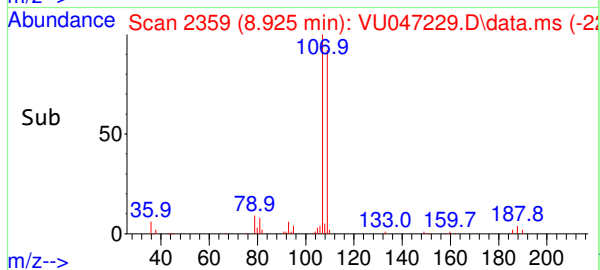
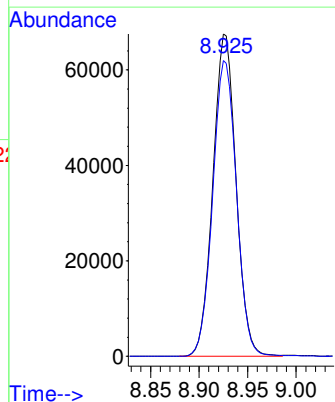
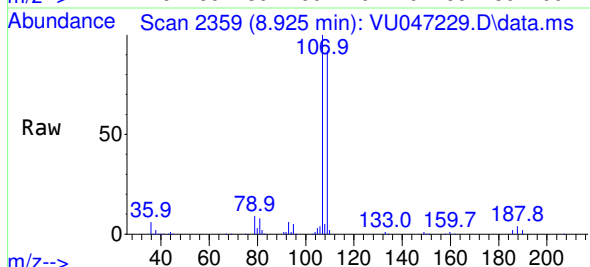
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

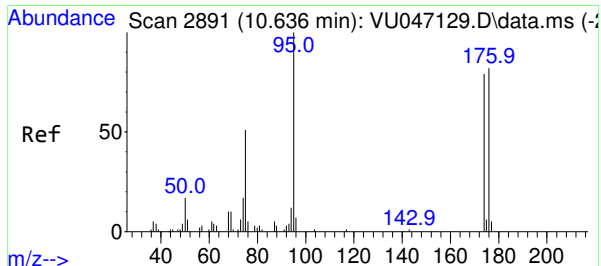
Tgt Ion:129 Resp: 131754  
 Ion Ratio Lower Upper  
 129 100  
 127 77.1 62.2 93.4



#56  
 1,2-Dibromoethane  
 Concen: 10.03 ug/l  
 RT: 8.925 min Scan# 2359  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

Tgt Ion:107 Resp: 111820  
 Ion Ratio Lower Upper  
 107 100  
 109 94.6 0.0 185.0

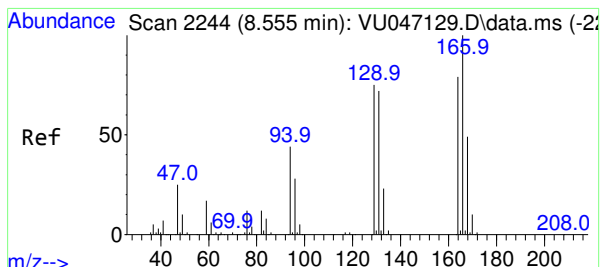
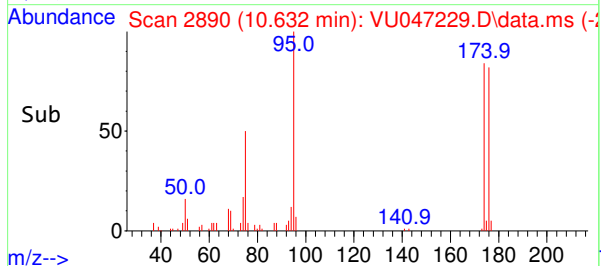
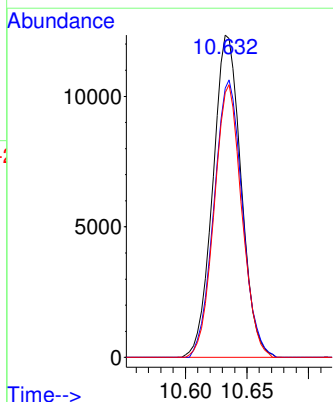
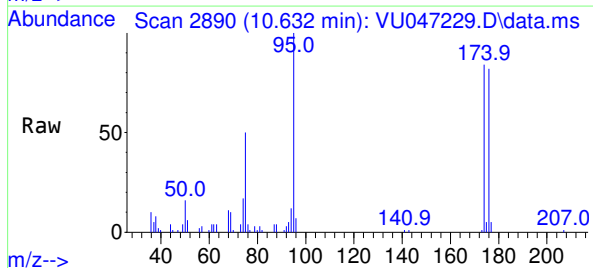




#57  
4-Bromofluorobenzene  
Concen: 0.97 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

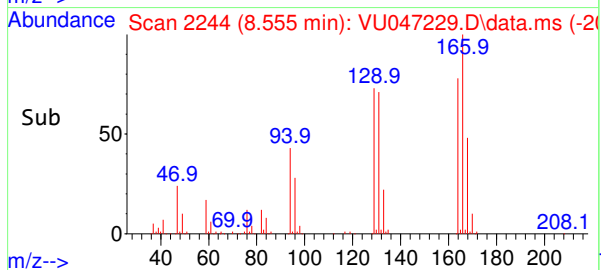
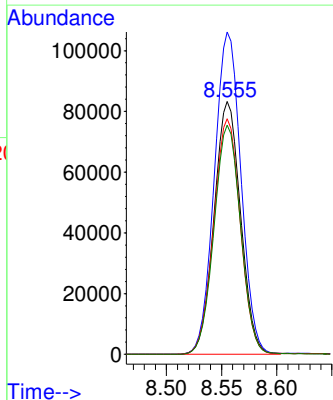
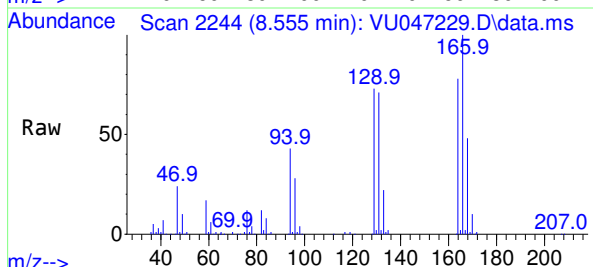
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 19715 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 86.1  | 56.6  | 84.8# |
| 176      | 82.3  | 54.3  | 81.5# |

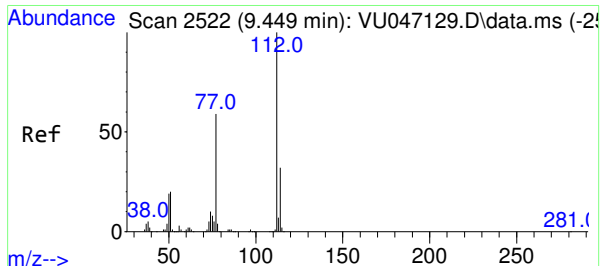


#58  
Tetrachloroethene  
Concen: 10.04 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 138861 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 127.5 | 102.0 | 153.0  |
| 129      | 93.2  | 77.1  | 115.7  |
| 131      | 90.7  | 75.8  | 113.6  |



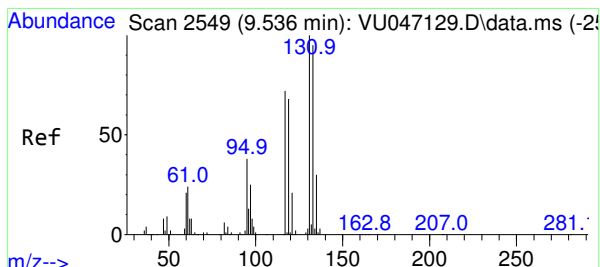
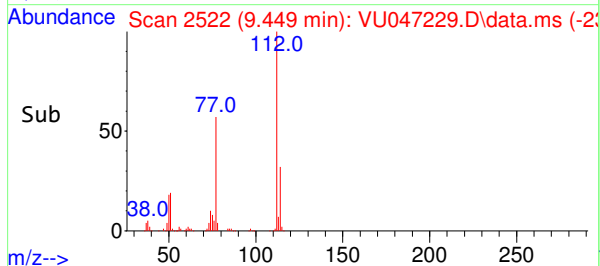
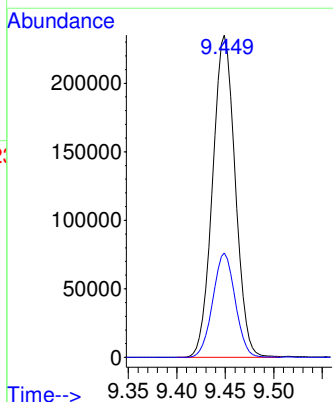
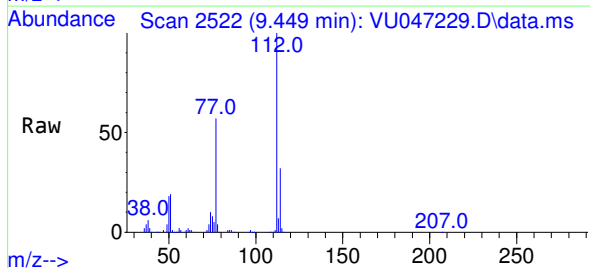




#59  
Chlorobenzene  
Concen: 9.79 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

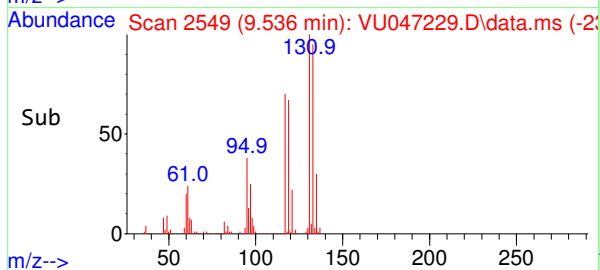
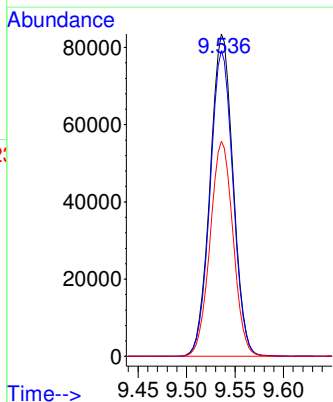
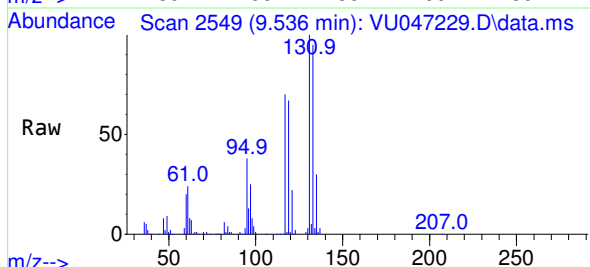
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

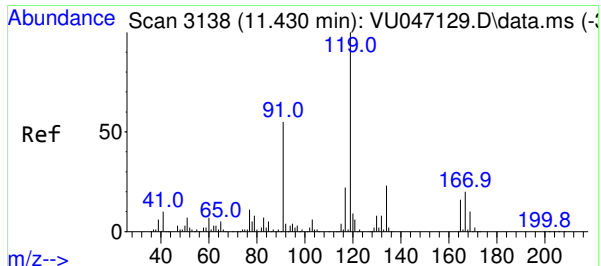
Tgt Ion:112 Resp: 381407  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.4 38.0



#60  
1,1,1,2-Tetrachloroethane  
Concen: 10.26 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:131 Resp: 137339  
Ion Ratio Lower Upper  
131 100  
133 94.8 76.0 114.0  
119 66.7 54.9 82.3

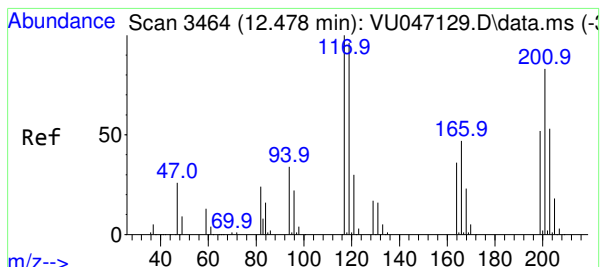
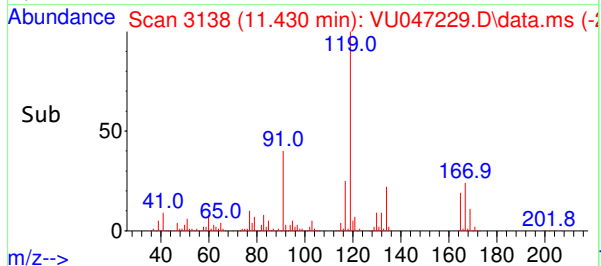
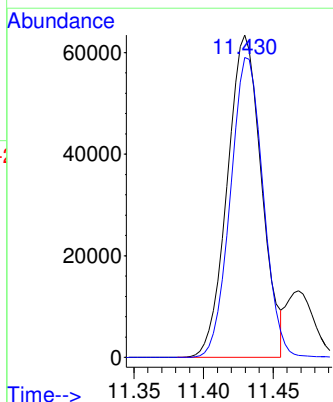
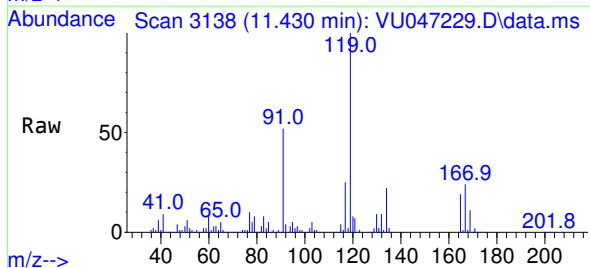




#61  
Pentachloroethane  
Concen: 10.64 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

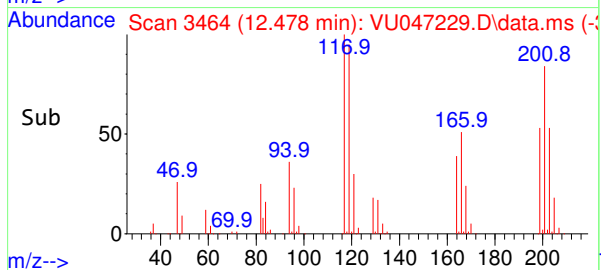
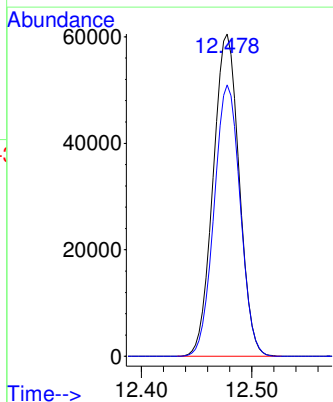
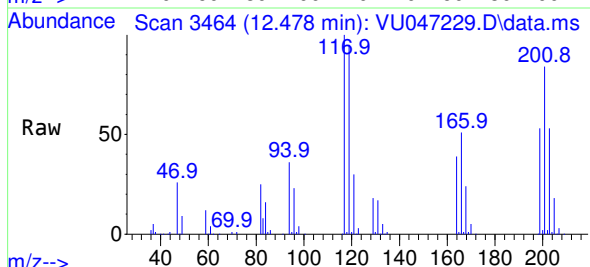
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

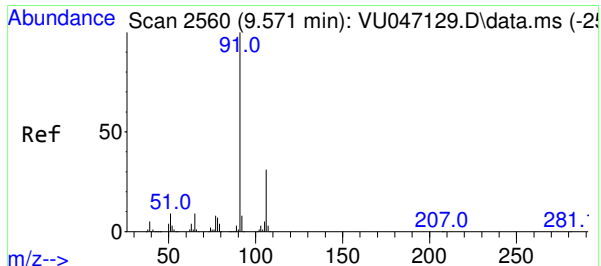
Tgt Ion:117 Resp: 108119  
Ion Ratio Lower Upper  
117 100  
167 89.2 59.7 89.5



#62  
Hexachloroethane  
Concen: 9.03 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:117 Resp: 99047  
Ion Ratio Lower Upper  
117 100  
201 84.3 53.6 80.4#

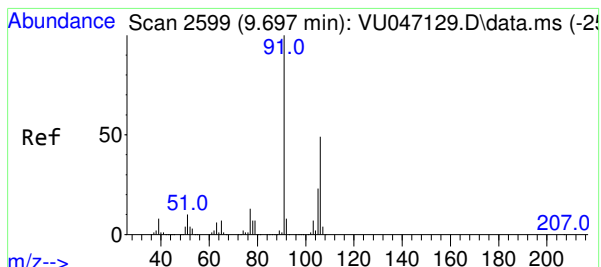
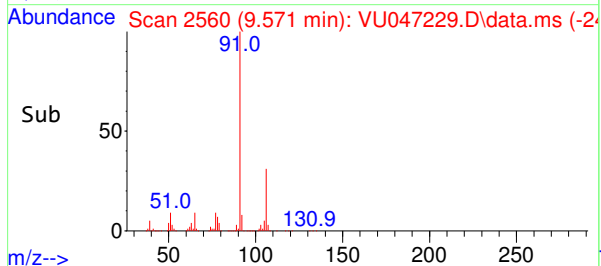
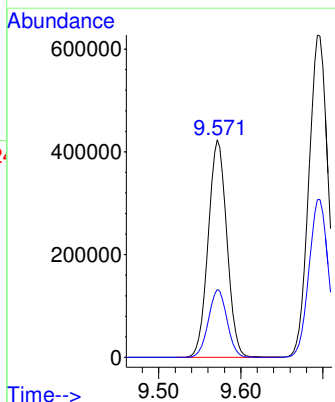
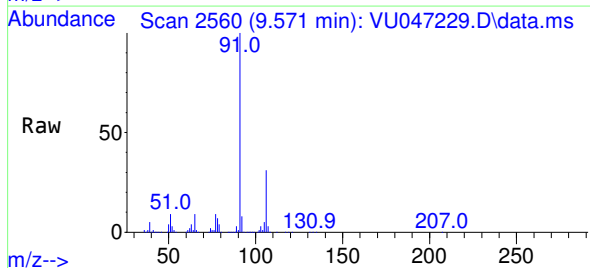




#63  
Ethyl Benzene  
Concen: 9.77 ug/l  
RT: 9.571 min Scan# 2560  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

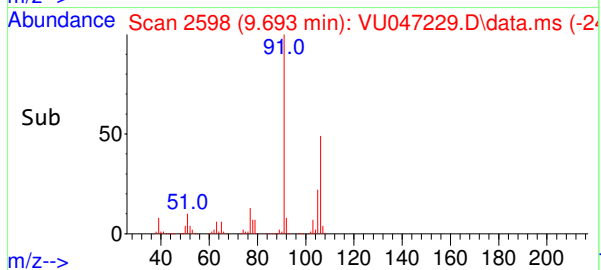
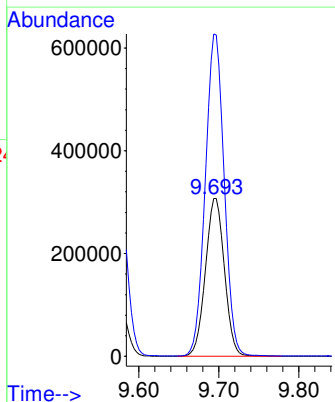
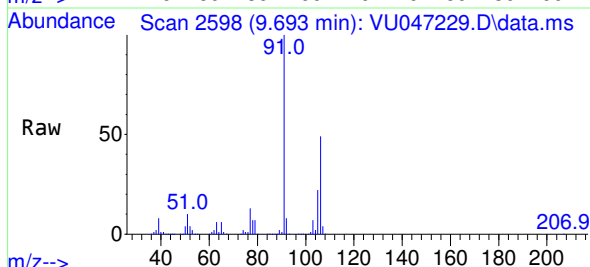
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

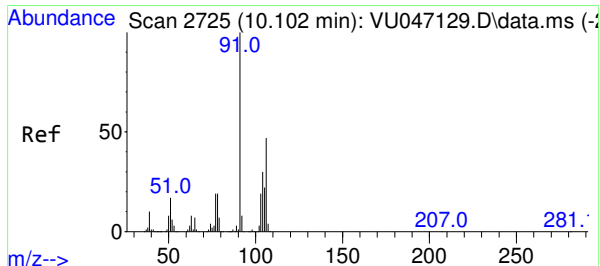
Tgt Ion: 91 Resp: 668869  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.4 36.6



#64  
m/p-Xylenes  
Concen: 19.45 ug/l  
RT: 9.693 min Scan# 2598  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:106 Resp: 507673  
Ion Ratio Lower Upper  
106 100  
91 203.2 165.5 248.3

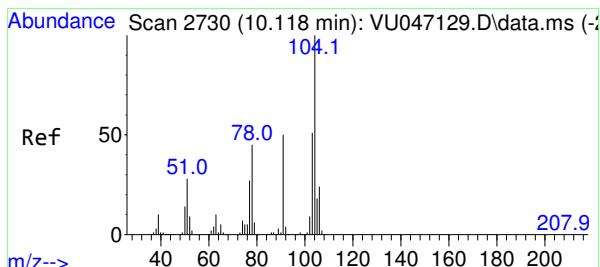
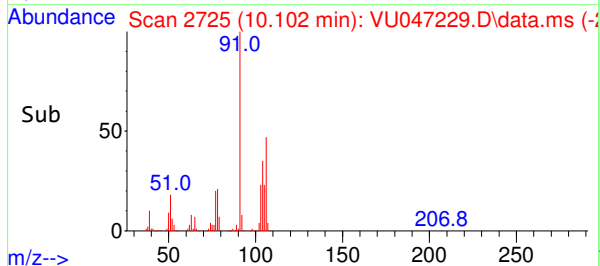
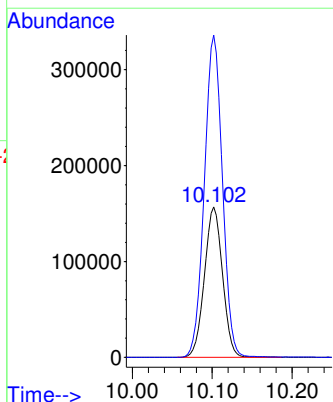
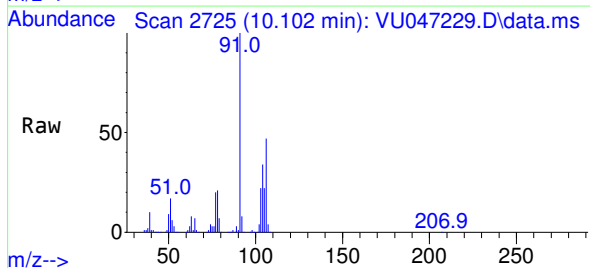




#65  
o-Xylene  
Concen: 9.80 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

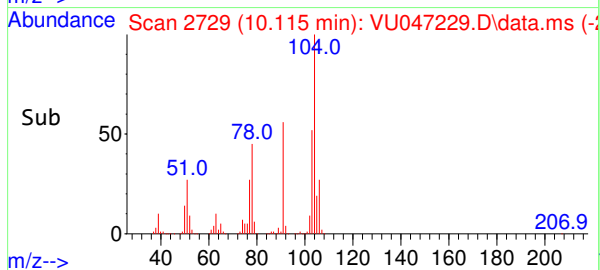
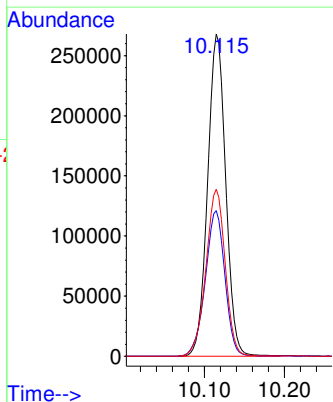
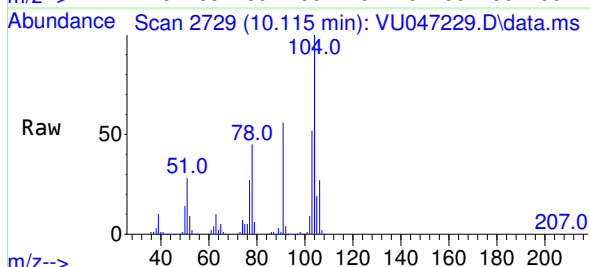
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

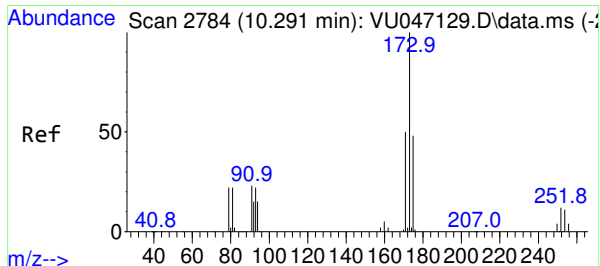
Tgt Ion:106 Resp: 247690  
Ion Ratio Lower Upper  
106 100  
91 213.8 109.4 328.2



#66  
Styrene  
Concen: 9.87 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:104 Resp: 423424  
Ion Ratio Lower Upper  
104 100  
78 49.0 42.4 63.6  
103 55.4 44.2 66.4

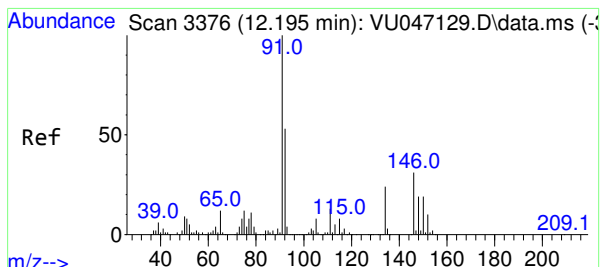
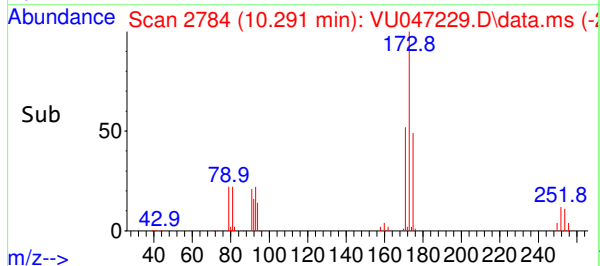
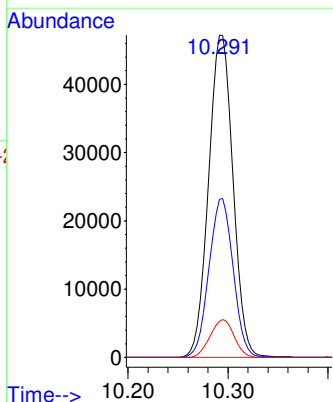
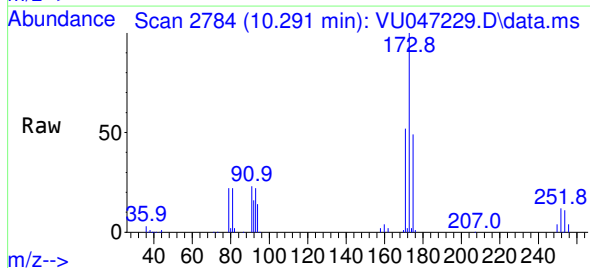




#67  
Bromoform  
Concen: 9.46 ug/l  
RT: 10.291 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

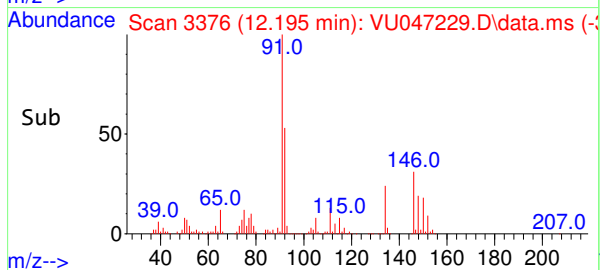
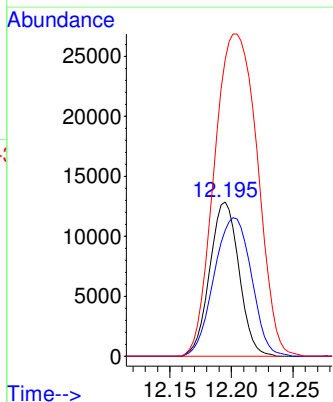
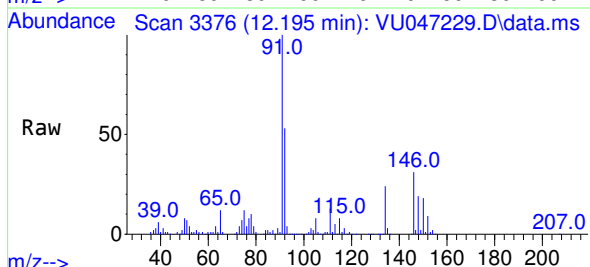
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDC0010EC

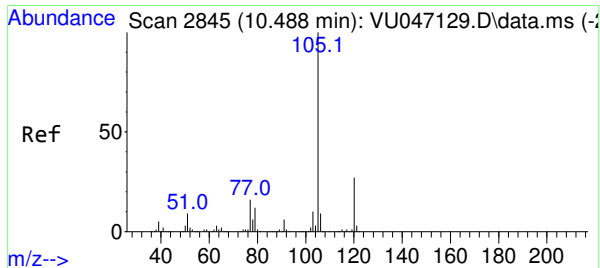
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 80358 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.9  | 39.0  | 58.4  |
| 254      | 11.5  | 5.5   | 8.3#  |



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.01 ug/l  
RT: 12.195 min Scan# 3376  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 21359 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 114.4 | 0.0   | 251.0 |
| 150      | 306.5 | 0.0   | 613.8 |

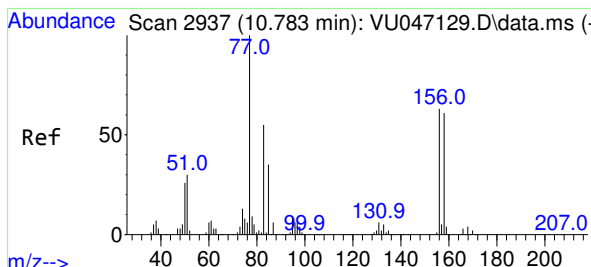
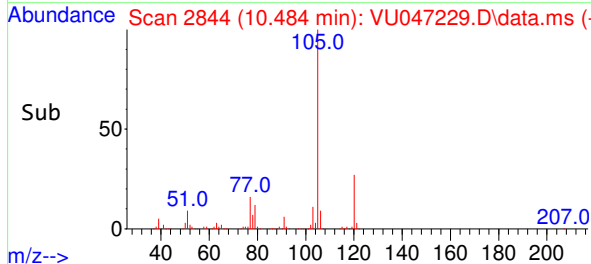
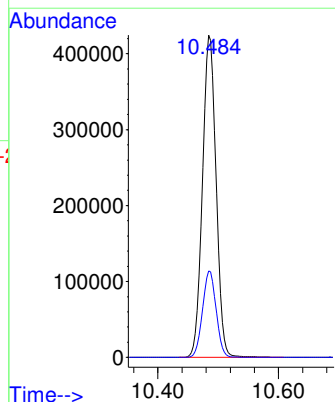
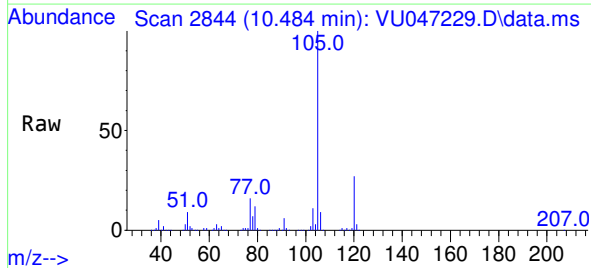




#69  
Isopropylbenzene  
Concen: 9.76 ug/l  
RT: 10.484 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

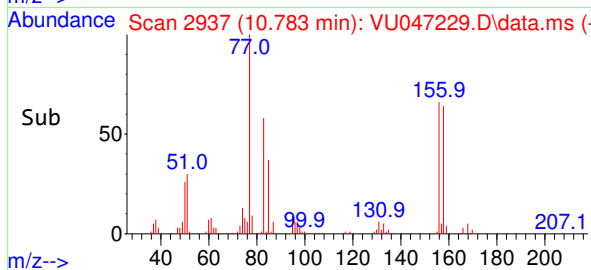
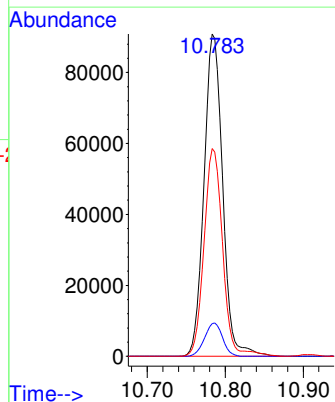
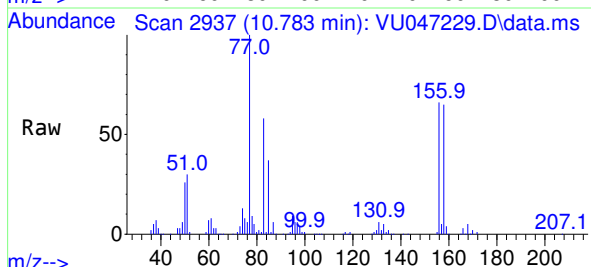
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

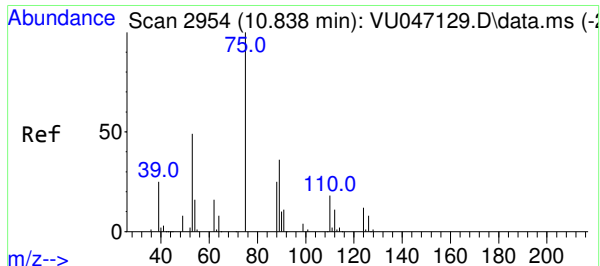
Tgt Ion: 105 Resp: 663831  
Ion Ratio Lower Upper  
105 100  
120 26.8 12.8 38.4



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.13 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 83 Resp: 150979  
Ion Ratio Lower Upper  
83 100  
131 9.9 7.6 11.4  
85 64.3 50.9 76.3

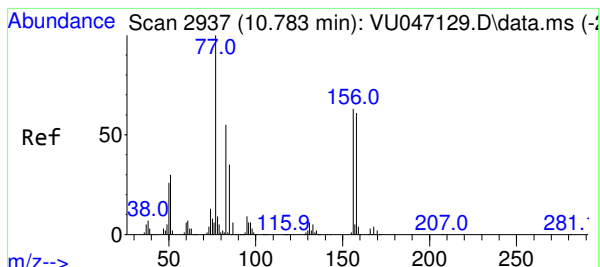
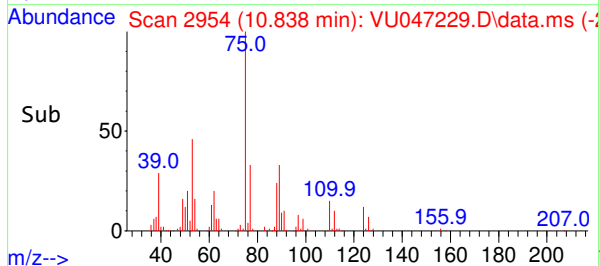
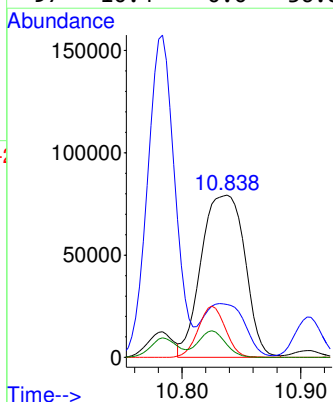
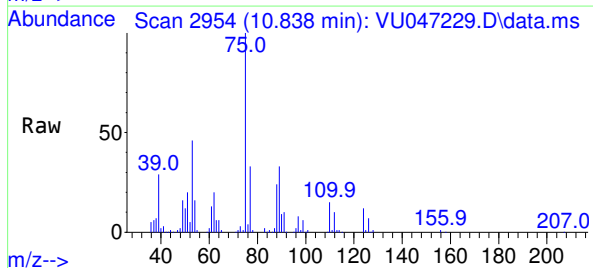




#71  
1,2,3-Trichloropropane  
Concen: 16.13 ug/l  
RT: 10.838 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

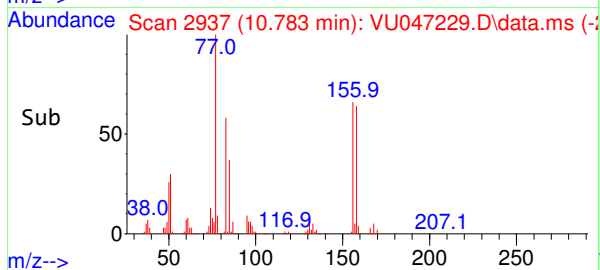
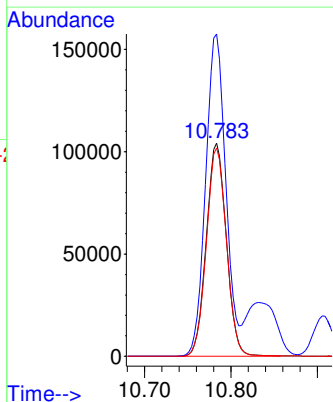
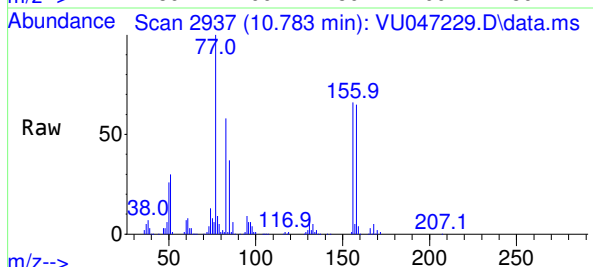
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

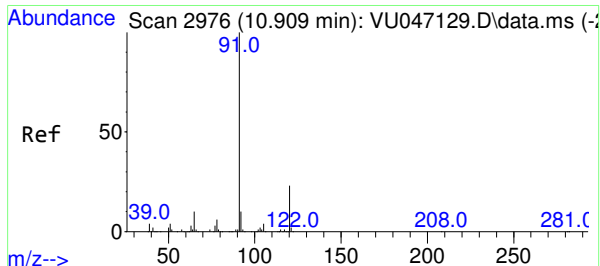
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 202937 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 30.7  | 0.0   | 105.6  |
| 110      | 19.8  | 0.0   | 71.2   |
| 97       | 10.4  | 0.0   | 36.8   |



#72  
Bromobenzene  
Concen: 10.11 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 156   | Resp: | 167907 |
| Ion      | Ratio | Lower | Upper  |
| 156      | 100   |       |        |
| 77       | 151.0 | 0.0   | 370.6  |
| 158      | 98.1  | 0.0   | 193.4  |

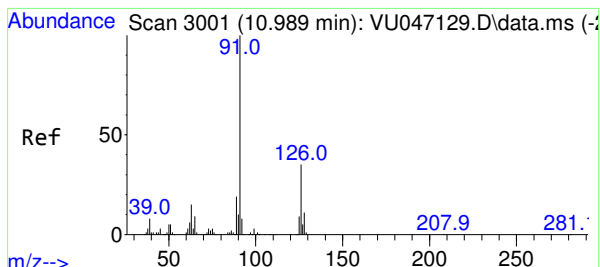
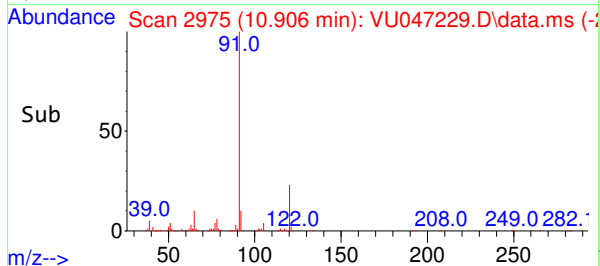
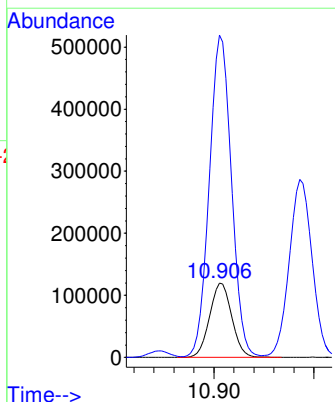
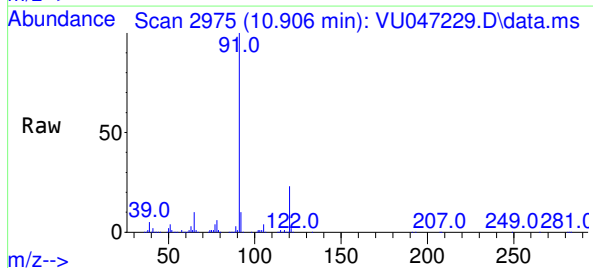




#73  
n-propylbenzene  
Concen: 9.88 ug/l  
RT: 10.906 min Scan# 2  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

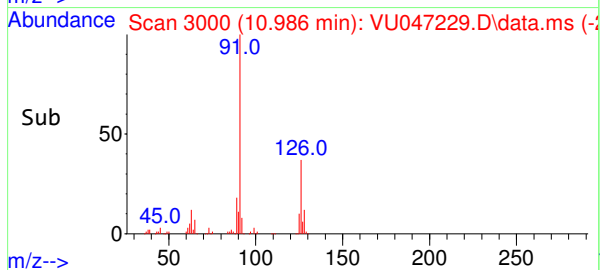
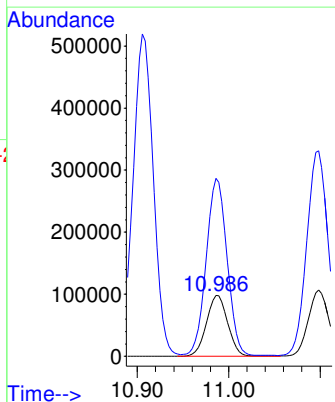
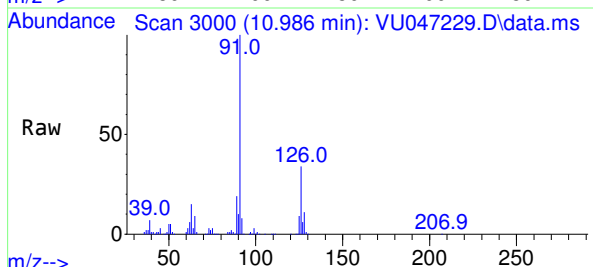
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

Tgt Ion:120 Resp: 184852  
Ion Ratio Lower Upper  
120 100  
91 432.8 370.7 556.1

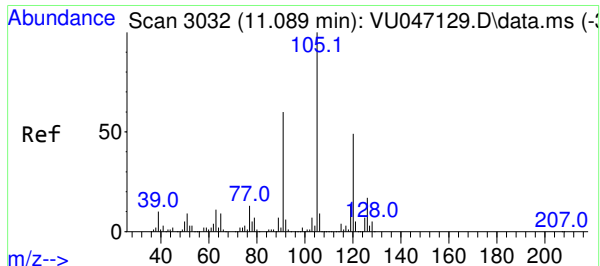


#74  
2-Chlorotoluene  
Concen: 9.96 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:126 Resp: 158914  
Ion Ratio Lower Upper  
126 100  
91 284.8 0.0 639.6



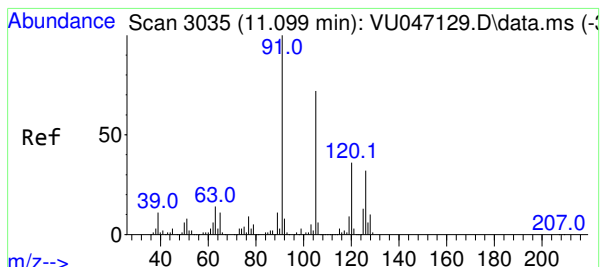
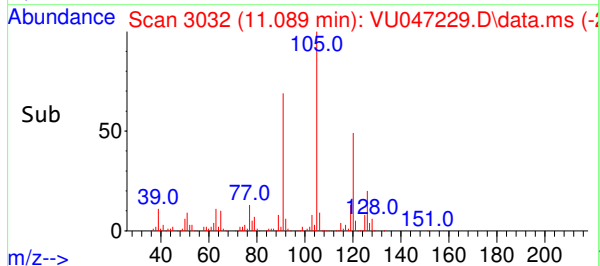
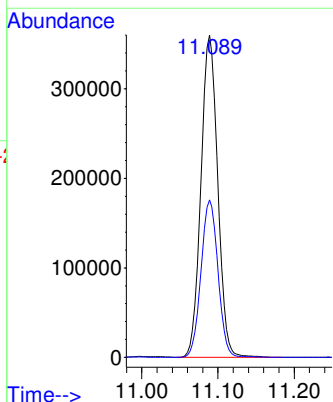
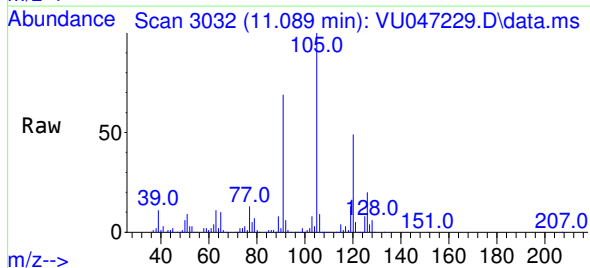




#75  
1,3,5-Trimethylbenzene  
Concen: 9.90 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

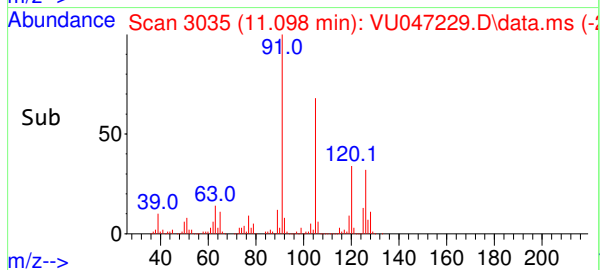
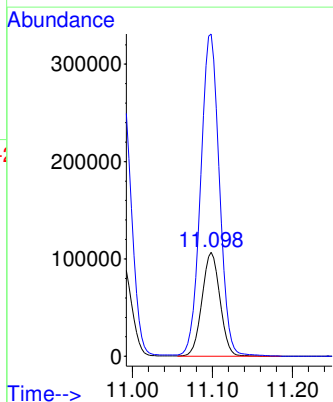
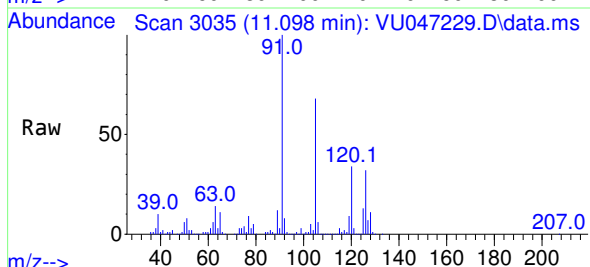
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

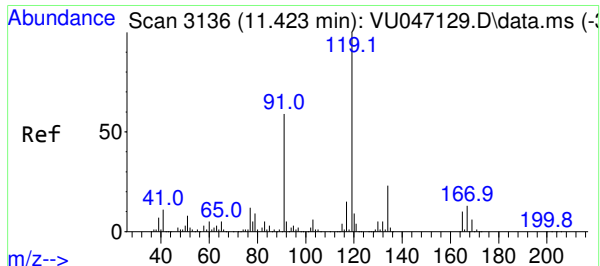
Tgt Ion:105 Resp: 551726  
Ion Ratio Lower Upper  
105 100  
120 49.4 38.6 58.0



#76  
4-Chlorotoluene  
Concen: 10.01 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion:126 Resp: 167725  
Ion Ratio Lower Upper  
126 100  
91 323.3 0.0 728.0

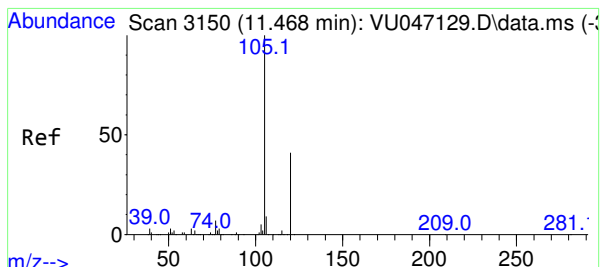
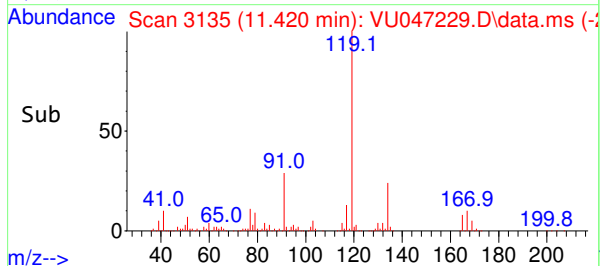
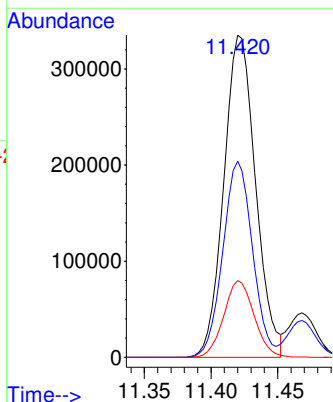
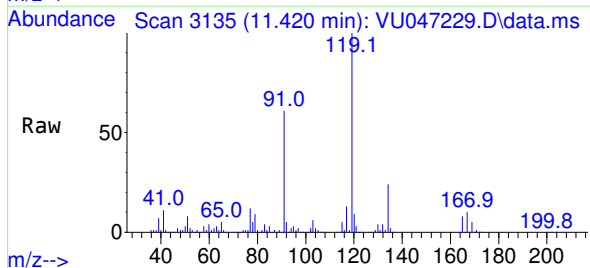




#77  
tert-Butylbenzene  
Concen: 9.93 ug/l  
RT: 11.420 min Scan# 3136  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

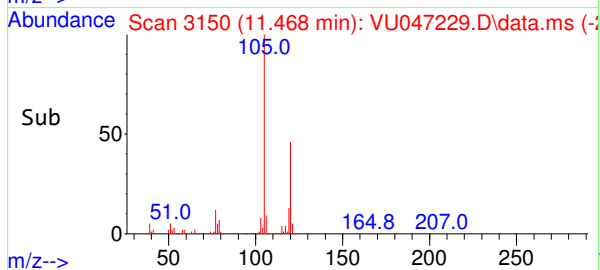
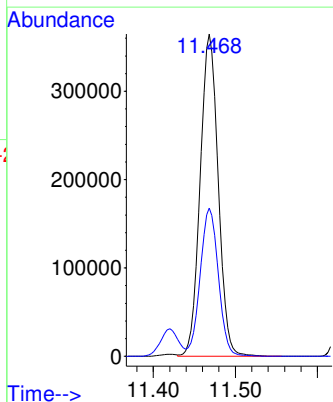
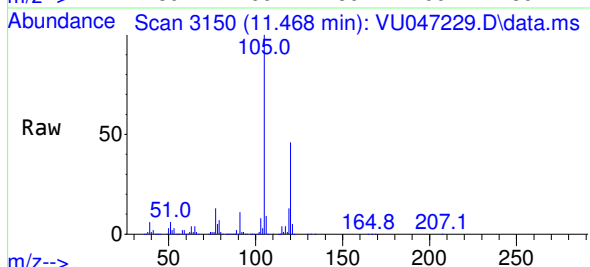
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

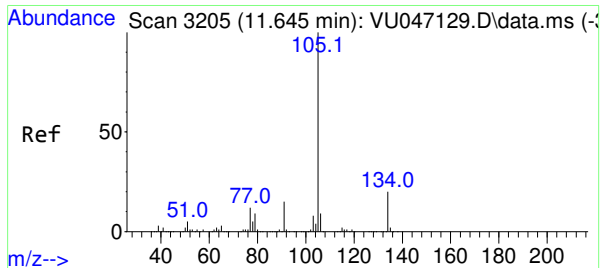
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 555363 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 57.1  | 31.4  | 94.3   |
| 134      | 22.8  | 18.5  | 27.7   |



#78  
1,2,4-Trimethylbenzene  
Concen: 9.79 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 557247 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 46.4  | 22.3  | 66.8   |

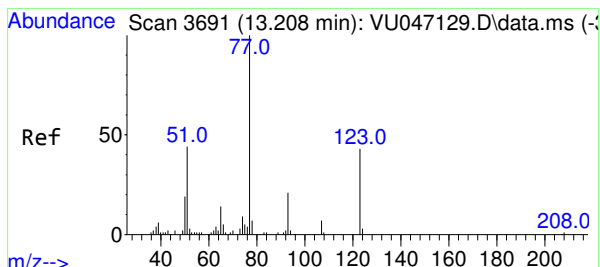
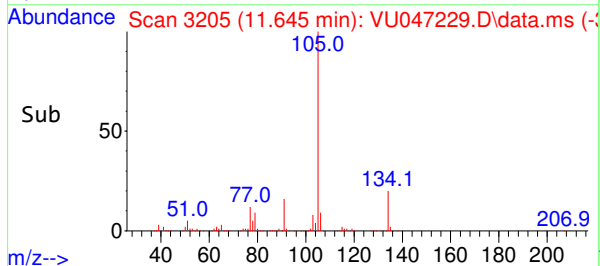
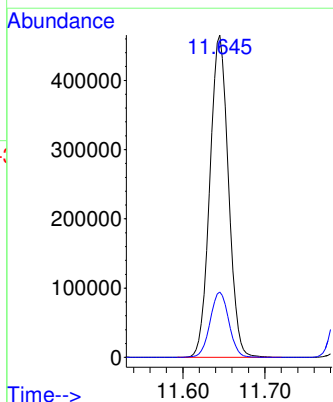
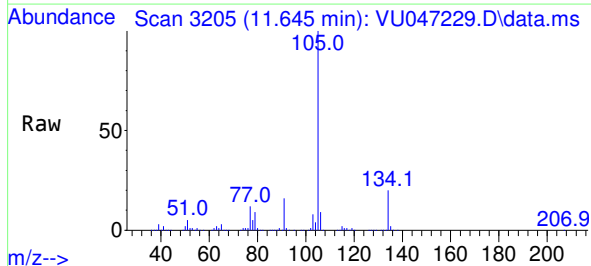




#79  
 sec-Butylbenzene  
 Concen: 9.83 ug/l  
 RT: 11.645 min Scan# 3  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

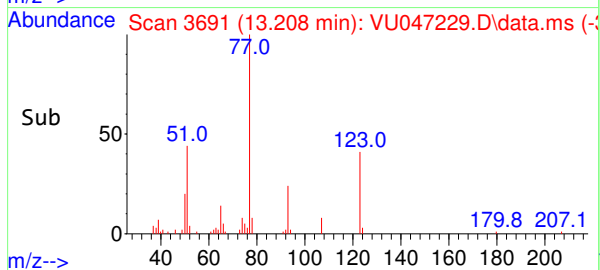
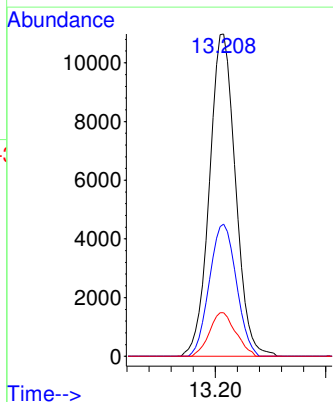
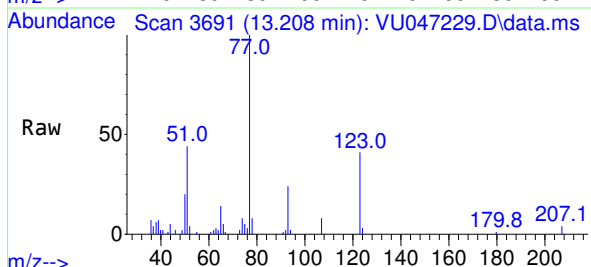
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010EC

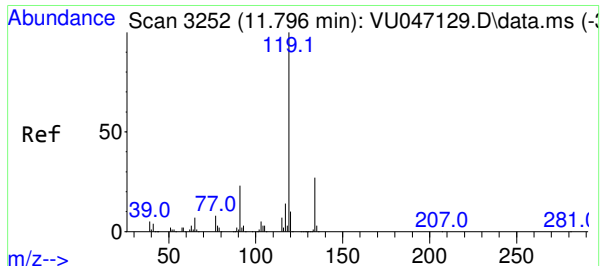
Tgt Ion: 105 Resp: 729913  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 24.96 ug/l  
 RT: 13.208 min Scan# 3691  
 Delta R.T. -0.000 min  
 Lab File: VU047229.D  
 Acq: 21 Feb 2022 18:38

Tgt Ion: 77 Resp: 17967  
 Ion Ratio Lower Upper  
 77 100  
 123 42.4 18.2 64.4  
 65 13.7 12.0 15.2

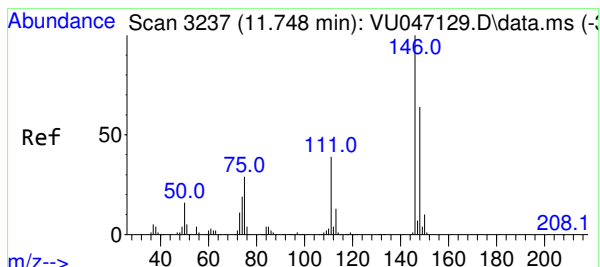
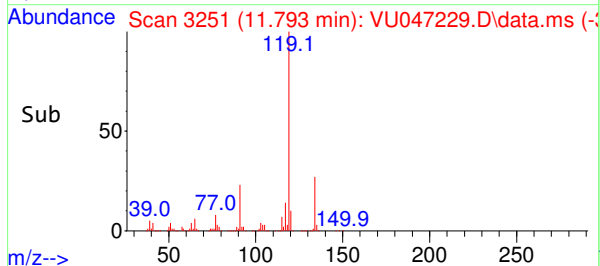
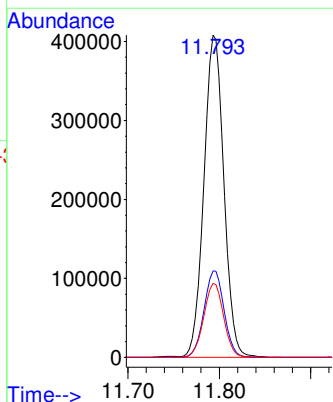
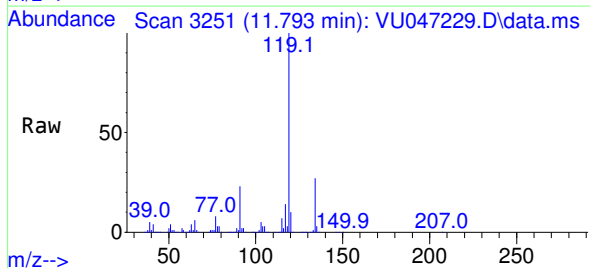




#81  
p-Isopropyltoluene  
Concen: 9.84 ug/l  
RT: 11.793 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

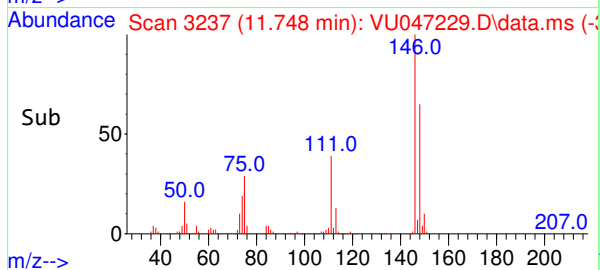
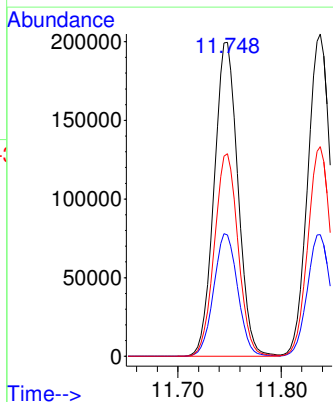
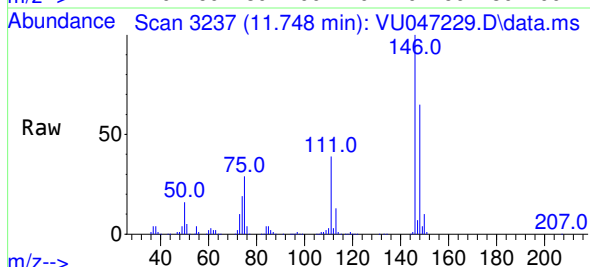
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

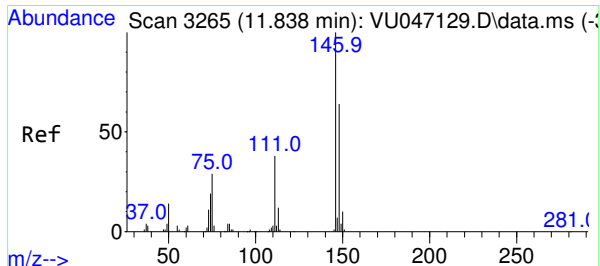
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 618615 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 134      | 27.0  | 20.2  | 30.4   |
| 91       | 23.0  | 19.9  | 29.9   |



#82  
1,3-Dichlorobenzene  
Concen: 9.90 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 319993 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 39.4  | 33.9  | 50.9   |
| 148      | 64.4  | 50.9  | 76.3   |

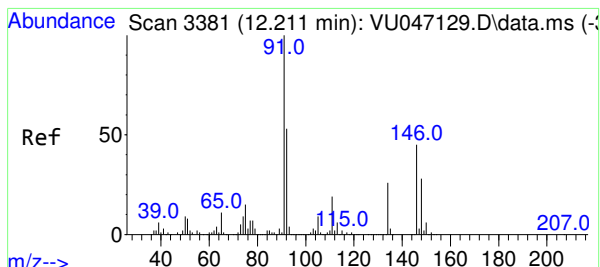
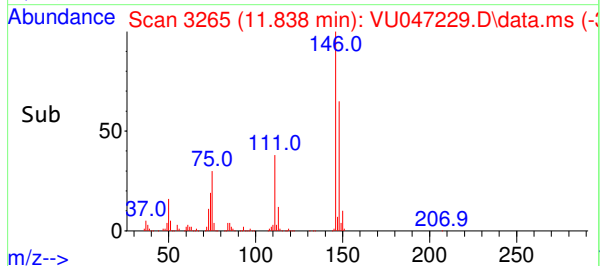
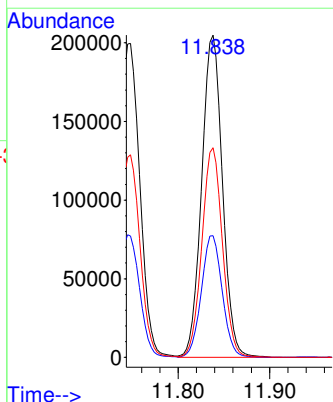
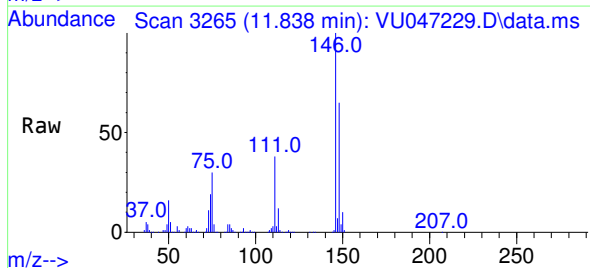




#83  
1,4-Dichlorobenzene  
Concen: 9.94 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

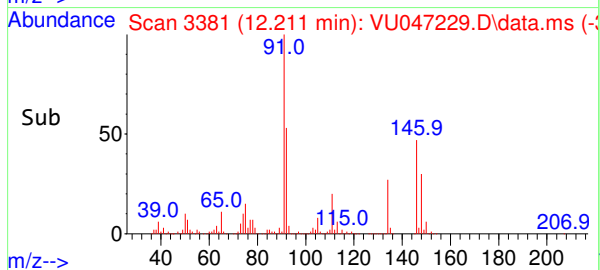
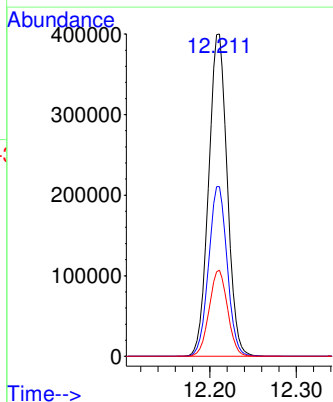
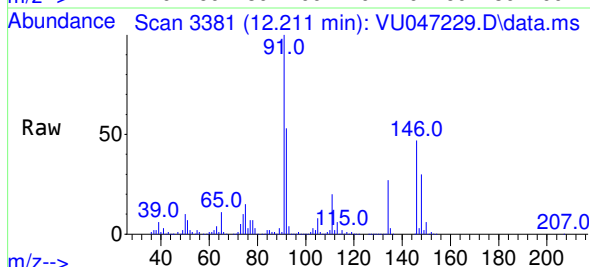
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010EC

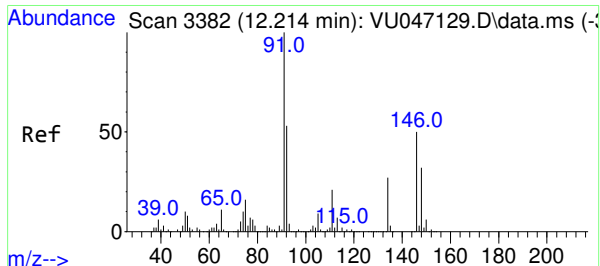
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 323680 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 38.0  | 32.7  | 49.1   |
| 148      | 64.6  | 51.4  | 77.0   |



#84  
n-Butylbenzene  
Concen: 9.93 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 599313 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.5  | 43.5  | 65.3   |
| 134      | 26.5  | 19.0  | 28.4   |

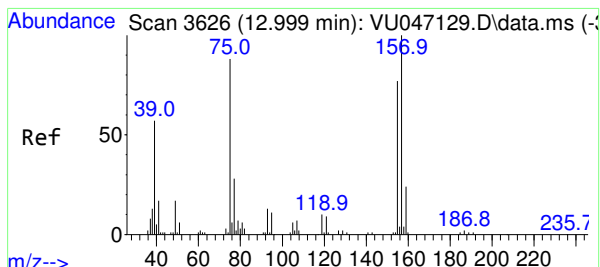
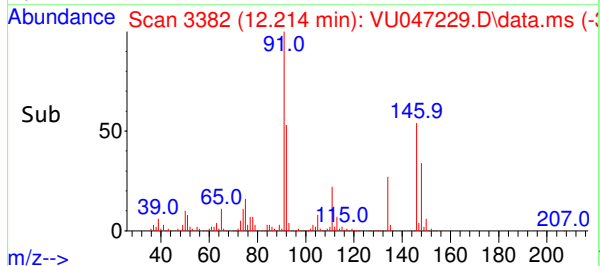
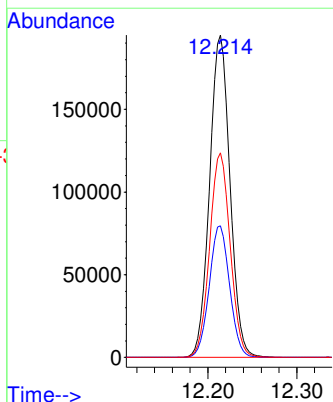
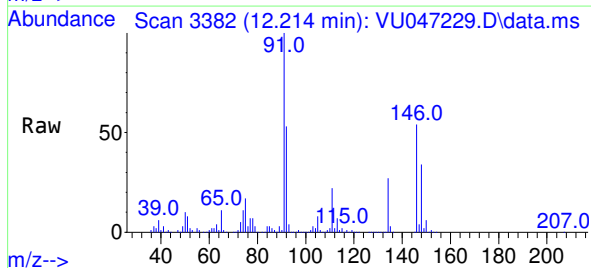




#85  
1,2-Dichlorobenzene  
Concen: 9.98 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

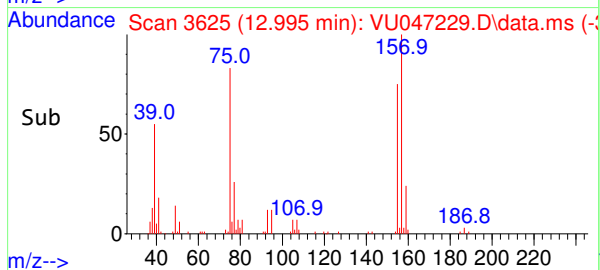
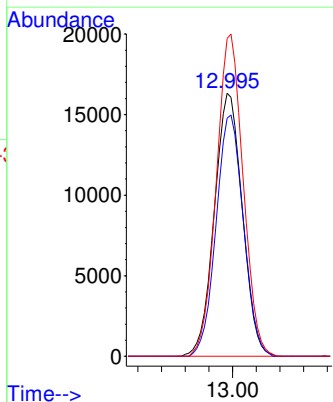
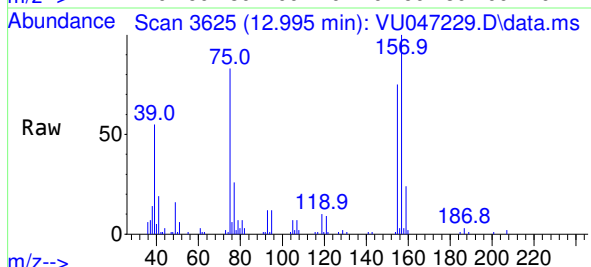
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

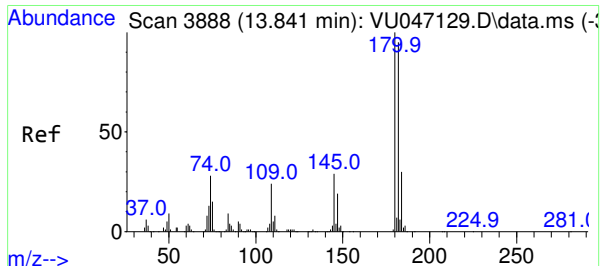
Tgt Ion: 146 Resp: 310524  
Ion Ratio Lower Upper  
146 100  
111 40.9 22.1 66.1  
148 64.0 31.6 94.7



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 9.76 ug/l  
RT: 12.995 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Tgt Ion: 75 Resp: 26687  
Ion Ratio Lower Upper  
75 100  
155 89.6 57.8 86.8#  
157 117.4 75.1 112.7#

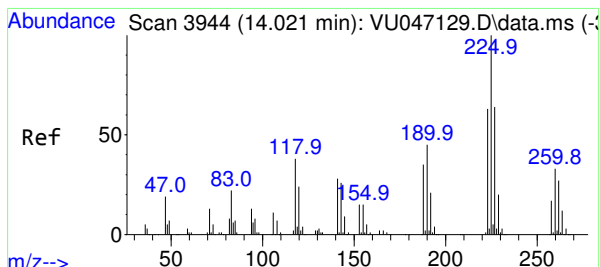
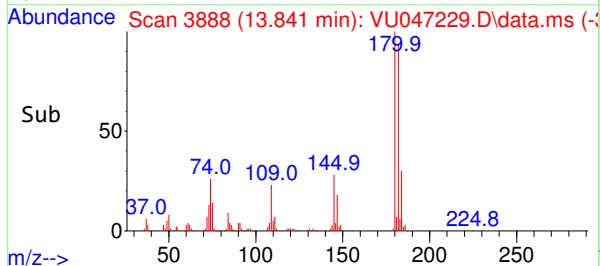
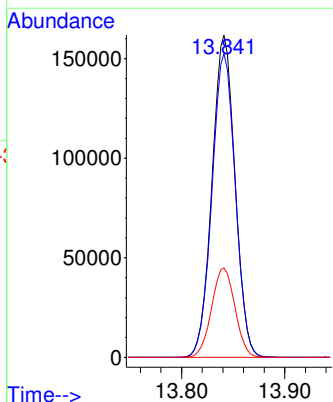
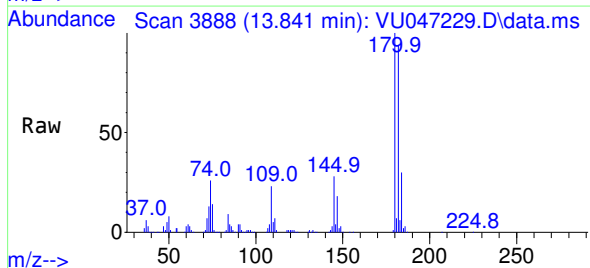




#87  
1,2,4-Trichlorobenzene  
Concen: 10.25 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

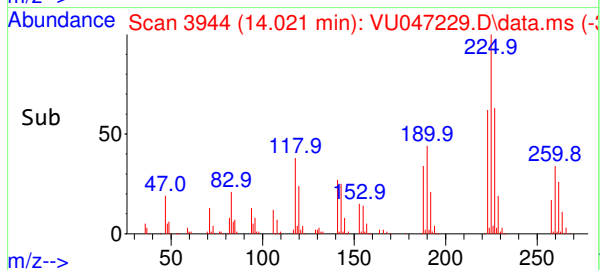
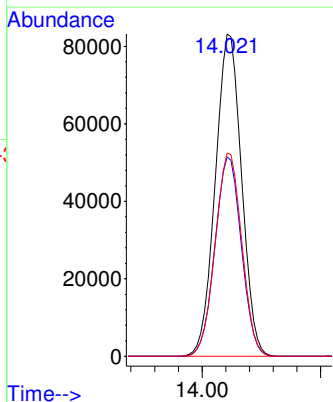
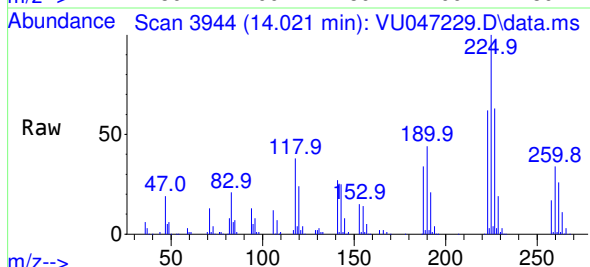
Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

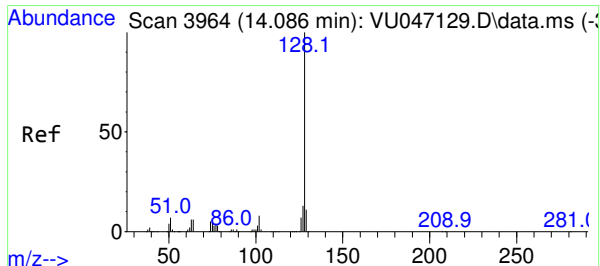
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 250292 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.4  | 75.8  | 113.8  |
| 145      | 28.2  | 25.3  | 37.9   |



#88  
Hexachlorobutadiene  
Concen: 10.22 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 127694 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 51.1  | 76.7   |
| 227      | 63.7  | 49.9  | 74.9   |

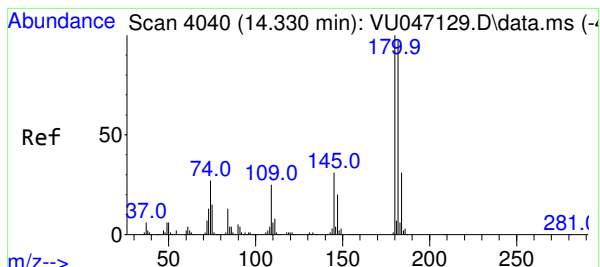
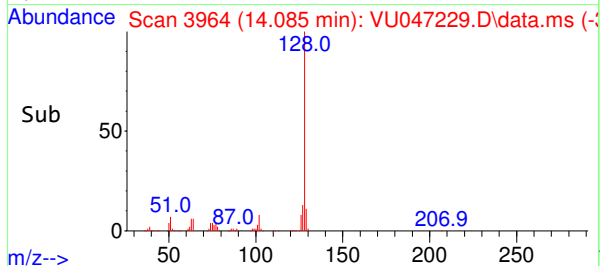
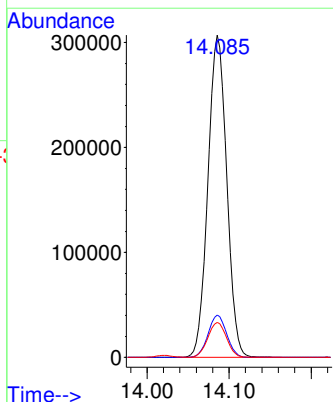
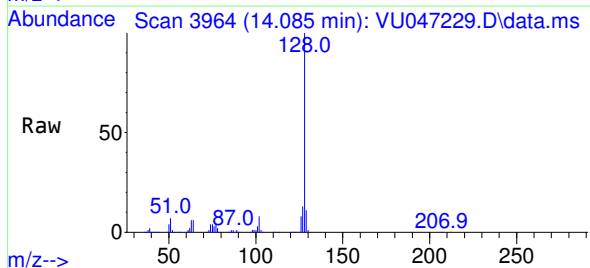




#89  
Naphthalene  
Concen: 9.75 ug/l  
RT: 14.085 min Scan# 3964  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

Instrument : MSVOA\_U  
ClientSampleId : VSTDCCC010EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 488044 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.6  | 16.0   |
| 129      | 10.9  | 8.6   | 13.0   |



#90  
1,2,3-Trichlorobenzene  
Concen: 10.28 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. -0.000 min  
Lab File: VU047229.D  
Acq: 21 Feb 2022 18:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 225317 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.6  | 75.4  | 113.0  |
| 145      | 31.0  | 27.0  | 40.4   |

