

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083021\  
 Data File : VN068353.D  
 Acq On : 30 Aug 2021 12:31  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Aug 31 01:44:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083021W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 31 01:43:35 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.088  | 168   | 626349   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 935546   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746 | 117   | 843576   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677 | 152   | 339469   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.437  | 65    | 6080     | 0.945    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 1.900%#  |
| 35) Dibromofluoromethane     | 8.027  | 113   | 5449     | 0.936    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 1.880%#  |
| 50) Toluene-d8               | 10.443 | 98    | 19675    | 0.877    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 1.760%#  |
| 62) 4-Bromofluorobenzene     | 12.731 | 95    | 7933     | 1.072    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 2.140%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 6093     | 1.136    | ug/l   | 94       |
| 3) Chloromethane             | 2.301  | 50    | 6618     | 1.196    | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.443  | 62    | 8802     | 1.056    | ug/l   | 99       |
| 5) Bromomethane              | 2.858  | 94    | 13168    | 1.637    | ug/l   | 92       |
| 6) Chloroethane              | 3.017  | 64    | 7031     | 1.175    | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.368  | 101   | 17854    | 1.090    | ug/l   | 98       |
| 8) Diethyl Ether             | 3.813  | 74    | 1989     | 0.408    | ug/l # | 1        |
| 9) 1,1,2-Trichlorotrifluo... | 4.191  | 101   | 2878     | 0.538    | ug/l # | 29       |
| 10) Methyl Iodide            | 4.417  | 142   | 7369     | 1.083    | ug/l # | 42       |
| 11) Tert butyl alcohol       | 5.388  | 59    | 4090     | 5.068    | ug/l # | 76       |
| 12) 1,1-Dichloroethene       | 4.173  | 96    | 5265     | 1.078    | ug/l   | 96       |
| 13) Acrolein                 | 4.038  | 56    | 4451     | 7.936    | ug/l   | 99       |
| 14) Allyl chloride           | 4.832  | 41    | 4345     | 0.693    | ug/l # | 37       |
| 15) Acrylonitrile            | 5.564  | 53    | 13186    | 5.656    | ug/l # | 89       |
| 16) Acetone                  | 4.296  | 43    | 15504    | 7.200    | ug/l   | 89       |
| 17) Carbon Disulfide         | 4.524  | 76    | 17728    | 1.297    | ug/l   | 96       |
| 18) Methyl Acetate           | 4.856  | 43    | 4147     | 0.698    | ug/l # | 42       |
| 19) Methyl tert-butyl Ether  | 5.613  | 73    | 16013    | 1.005    | ug/l   | 94       |
| 20) Methylene Chloride       | 5.090  | 84    | 9652     | 1.484    | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.599  | 96    | 5841     | 1.050    | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.495  | 45    | 12996    | 0.966    | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.439  | 43    | 42799    | 4.698    | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.383  | 63    | 6130     | 0.676    | ug/l   | 97       |
| 25) 2-Butanone               | 7.343  | 43    | 18939    | 6.200    | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.327  | 77    | 10171    | 1.189    | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 7.324  | 96    | 7392     | 1.126    | ug/l   | 95       |
| 28) Bromochloromethane       | 7.656  | 49    | 3456     | 0.940    | ug/l # | 96       |
| 29) Tetrahydrofuran          | 7.697  | 42    | 10098    | 5.291    | ug/l # | 79       |
| 30) Chloroform               | 7.820  | 83    | 11789    | 1.097    | ug/l   | 94       |
| 31) Cyclohexane              | 8.086  | 56    | 17890    | 2.108    | ug/l # | 54       |
| 32) 1,1,1-Trichloroethane    | 8.008  | 97    | 10332    | 1.036    | ug/l # | 48       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 7457     | 1.006    | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.420  | 43    | 7065     | 1.121    | ug/l # | 77       |
| 38) Carbon Tetrachloride     | 8.201  | 117   | 9272     | 1.037    | ug/l # | 90       |
| 39) Methylcyclohexane        | 9.461  | 83    | 9411     | 1.008    | ug/l   | 92       |
| 40) Benzene                  | 8.461  | 78    | 24492    | 1.054    | ug/l   | 95       |

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 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Aug 31 01:44:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083021W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 31 01:43:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.646  | 41   | 3792     | 1.269  | ug/l # | 39       |
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 8618     | 1.103  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 10572    | 1.029  | ug/l # | 90       |
| 44) Trichloroethene           | 9.217  | 130  | 7444     | 1.046  | ug/l   | 72       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 5827     | 1.077  | ug/l   | 97       |
| 46) Dibromomethane            | 9.577  | 93   | 4740     | 1.060  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.764  | 83   | 8127     | 0.979  | ug/l   | 90       |
| 48) Methyl methacrylate       | 9.566  | 41   | 4767     | 1.080  | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 2626     | 23.408 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43   | 37432    | 5.715  | ug/l   | 93       |
| 52) Toluene                   | 10.510 | 92   | 15783    | 1.000  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 8401     | 0.997  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 8838     | 0.994  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 6792     | 1.066  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 8358     | 1.020  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 9476     | 0.996  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 3495     | 2.954  | ug/l   | 89       |
| 59) 2-Hexanone                | 11.089 | 43   | 38037    | 7.664  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.242 | 129  | 6797     | 0.931  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 6639     | 0.984  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.982 | 164  | 7532     | 1.127  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.773 | 112  | 20672    | 1.176  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 6794     | 1.011  | ug/l # | 65       |
| 67) Ethyl Benzene             | 11.846 | 91   | 31406    | 1.102  | ug/l   | 93       |
| 68) m/p-Xylenes               | 11.956 | 106  | 24554    | 2.128  | ug/l   | 100      |
| 69) o-Xylene                  | 12.280 | 106  | 10688    | 0.970  | ug/l   | 90       |
| 70) Styrene                   | 12.299 | 104  | 18875    | 1.058  | ug/l   | 97       |
| 71) Bromoform                 | 12.463 | 173  | 5048     | 0.924  | ug/l # | 88       |
| 73) Isopropylbenzene          | 12.581 | 105  | 28697    | 1.147  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 15407    | 2.022  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.833 | 83   | 10384    | 1.373  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 11638    | 2.159  | ug/l # | 1        |
| 77) Bromobenzene              | 12.865 | 156  | 9726     | 1.339  | ug/l   | 91       |
| 78) n-propylbenzene           | 12.924 | 91   | 34767    | 1.273  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 20419    | 1.232  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 22996    | 1.116  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 1697     | 0.968  | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 23104    | 1.399  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 21267    | 1.141  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 24582    | 1.203  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 30125    | 1.194  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.621 | 119  | 26075    | 1.235  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 19594    | 1.524  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.699 | 146  | 23955    | 1.785  | ug/l   | 87       |
| 89) n-Butylbenzene            | 13.946 | 91   | 31110    | 1.788  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.211 | 117  | 4368     | 1.120  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 20062    | 1.606  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 2823     | 2.010  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 21517    | 2.646  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 5351     | 1.490  | ug/l   | 79       |
| 95) Naphthalene               | 15.509 | 128  | 74782    | 3.229  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 24631    | 2.895  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDIC001  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

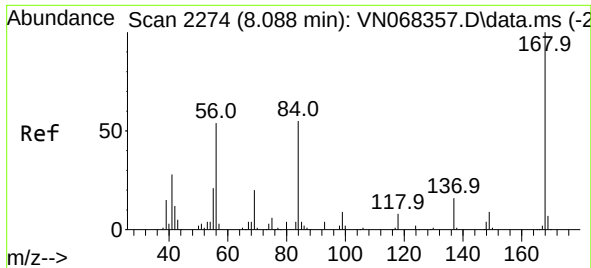
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Quant Time: Aug 31 01:44:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083021W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 31 01:43:35 2021  
Response via : Initial Calibration

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

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

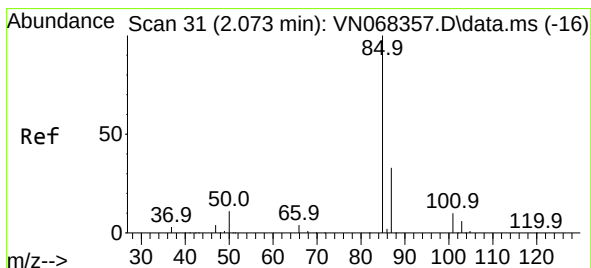
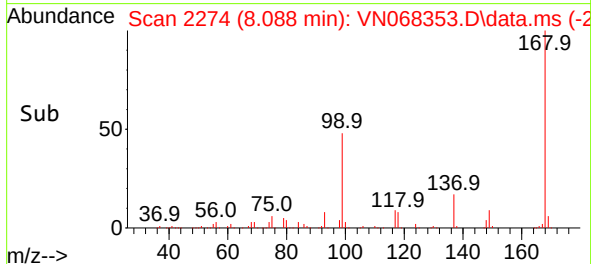
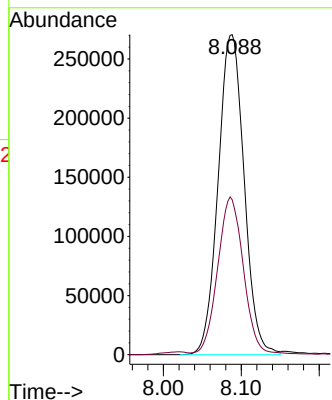
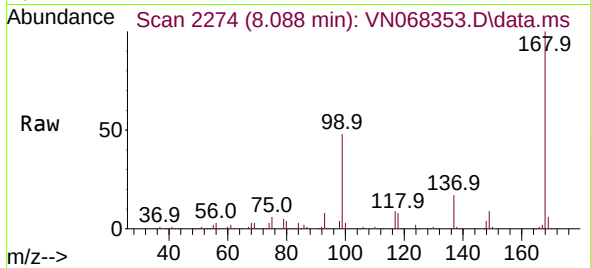




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

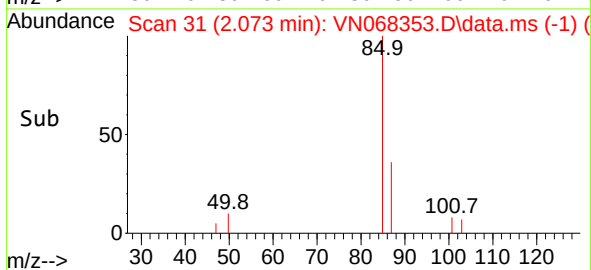
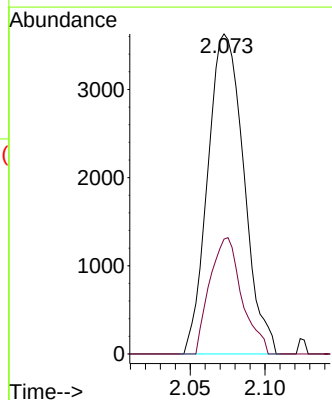
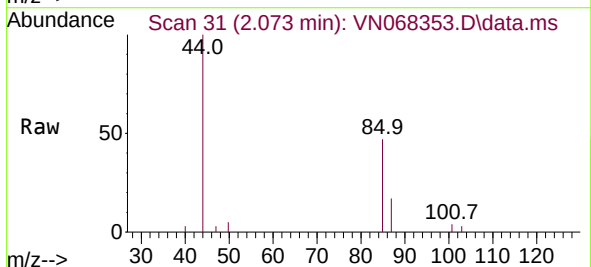
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

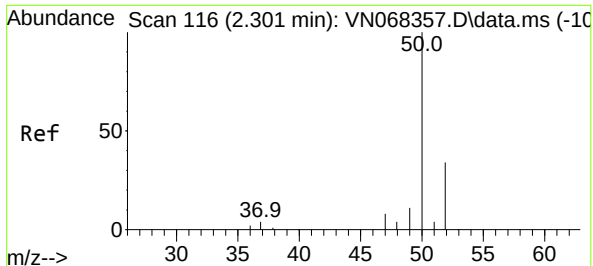
Tgt Ion:168 Resp: 626349  
Ion Ratio Lower Upper  
168 100  
99 47.8 38.6 57.8



#2  
Dichlorodifluoromethane  
Concen: 1.136 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 85 Resp: 6093  
Ion Ratio Lower Upper  
85 100  
87 35.9 16.3 48.9

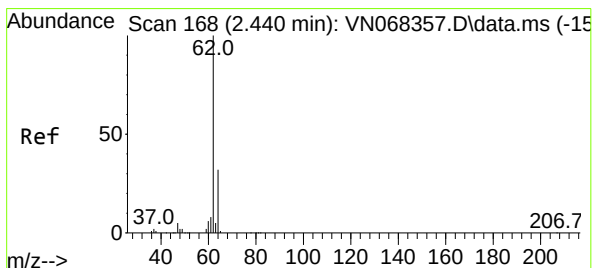
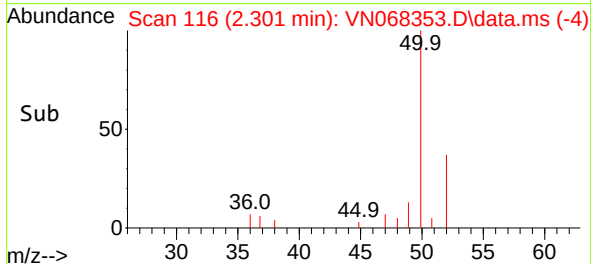
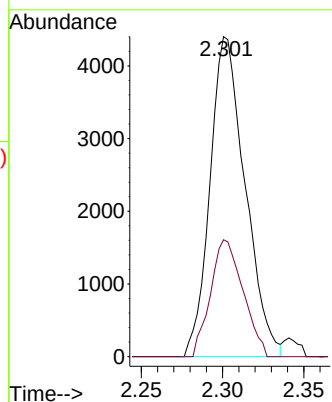
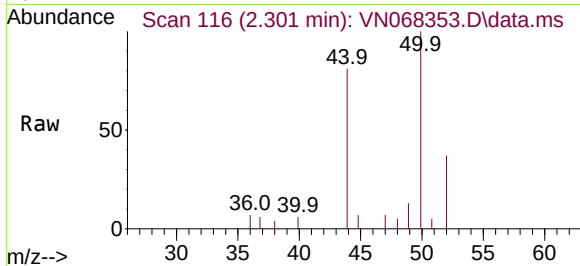




#3  
Chloromethane  
Concen: 1.196 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

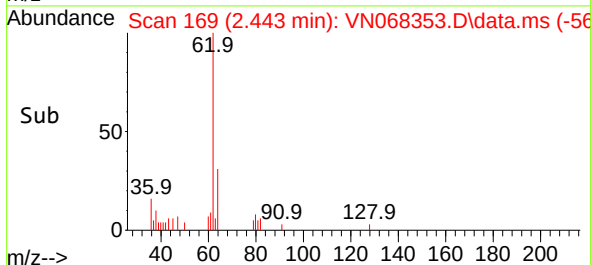
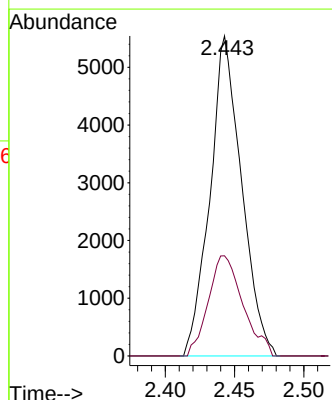
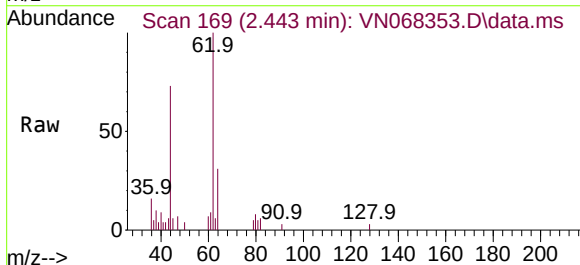
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

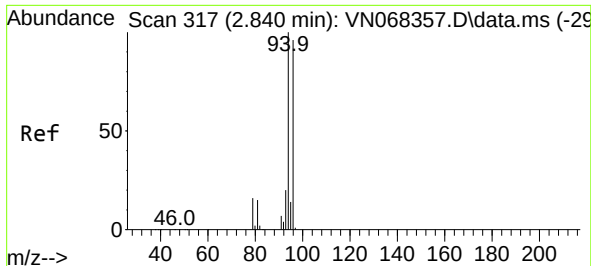
Tgt Ion: 50 Resp: 6618  
Ion Ratio Lower Upper  
50 100  
52 36.6 27.1 40.7



#4  
Vinyl Chloride  
Concen: 1.056 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 62 Resp: 8802  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.5 38.3

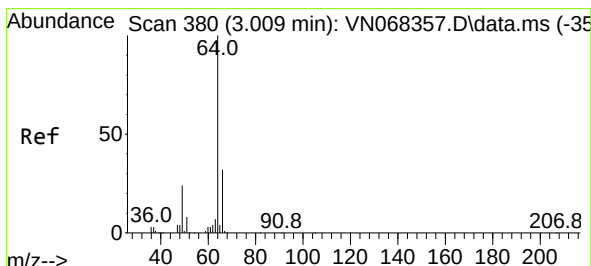
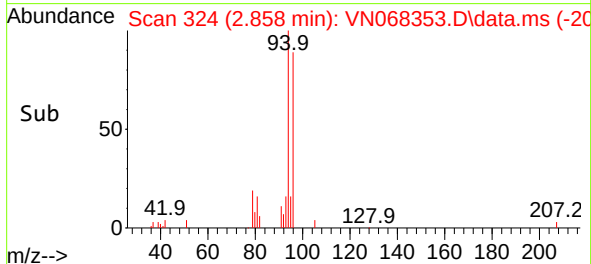
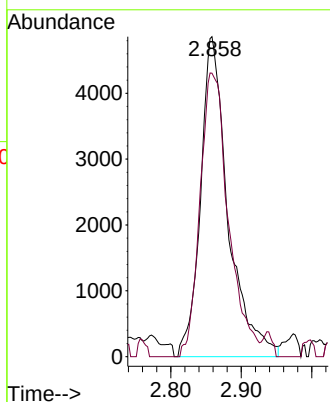
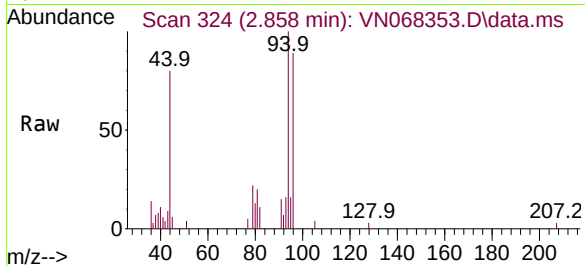




#5  
Bromomethane  
Concen: 1.637 ug/l  
RT: 2.858 min Scan# 324  
Delta R.T. 0.019 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

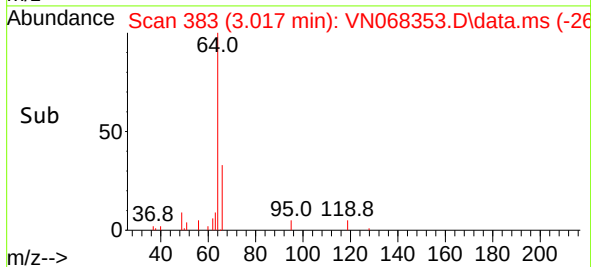
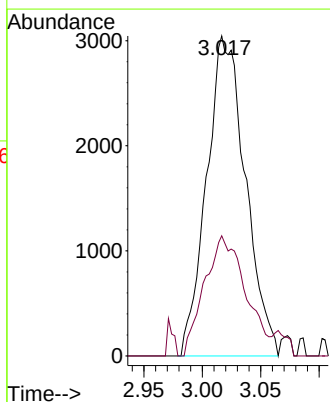
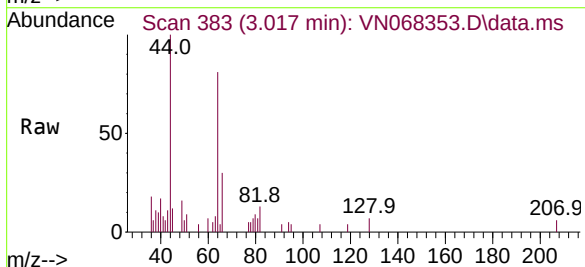
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

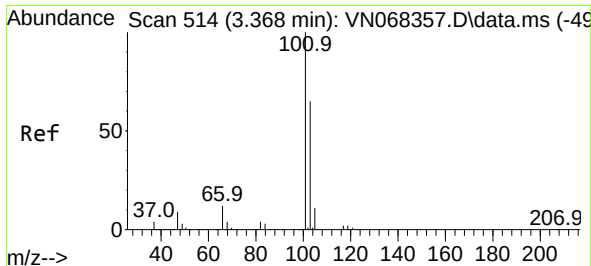
Tgt Ion: 94 Resp: 13168  
Ion Ratio Lower Upper  
94 100  
96 88.6 77.1 115.7



#6  
Chloroethane  
Concen: 1.175 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. 0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 64 Resp: 7031  
Ion Ratio Lower Upper  
64 100  
66 37.6 25.4 38.0

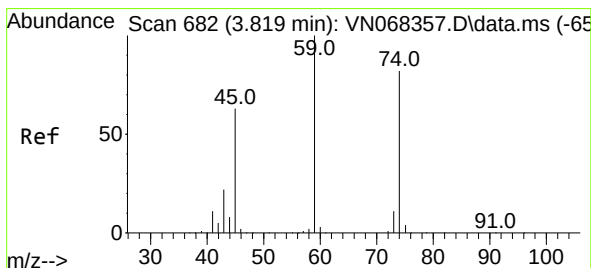
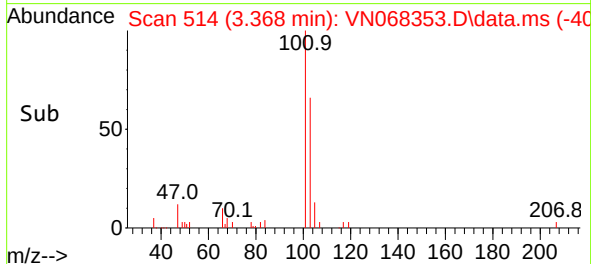
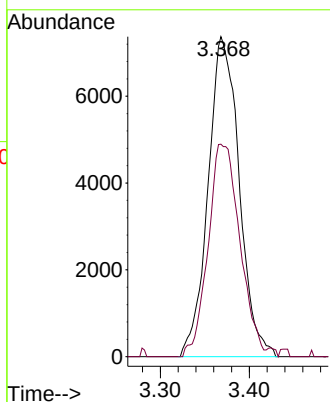
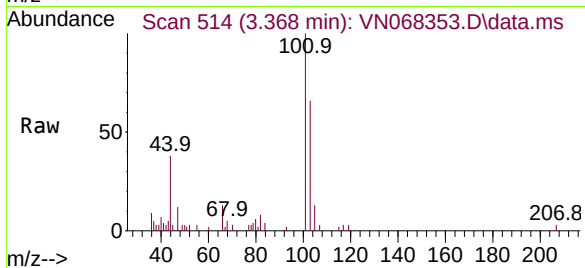




#7  
 Trichlorofluoromethane  
 Concen: 1.090 ug/l  
 RT: 3.368 min Scan# 514  
 Delta R.T. -0.000 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

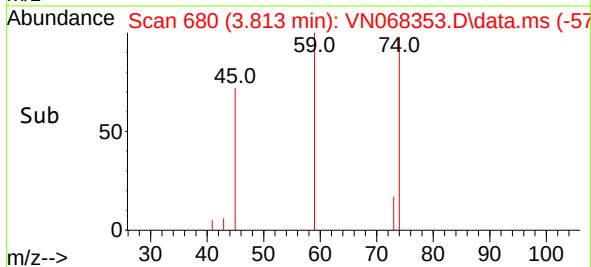
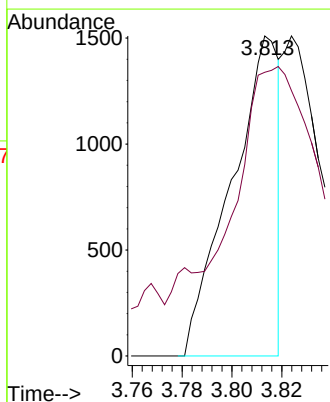
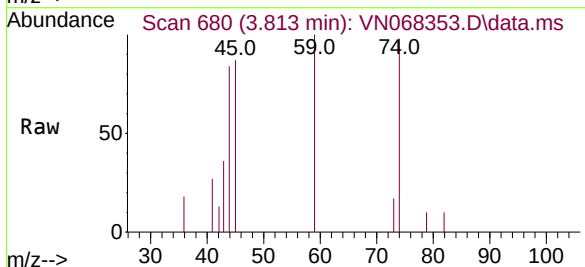
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:101 Resp: 17854  
 Ion Ratio Lower Upper  
 101 100  
 103 66.4 52.0 78.0

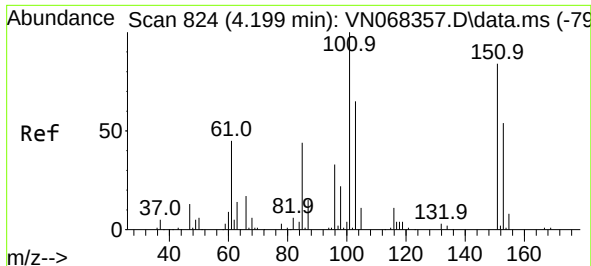


#8  
 Diethyl Ether  
 Concen: 0.408 ug/l  
 RT: 3.813 min Scan# 680  
 Delta R.T. -0.005 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion: 74 Resp: 1989  
 Ion Ratio Lower Upper  
 74 100  
 45 176.5 39.4 118.2#



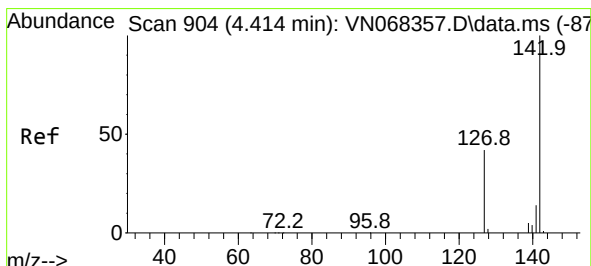
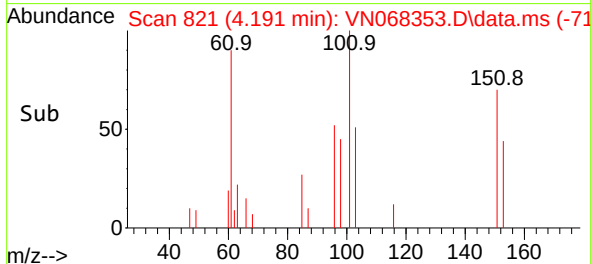
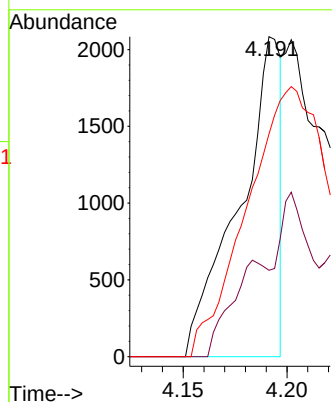
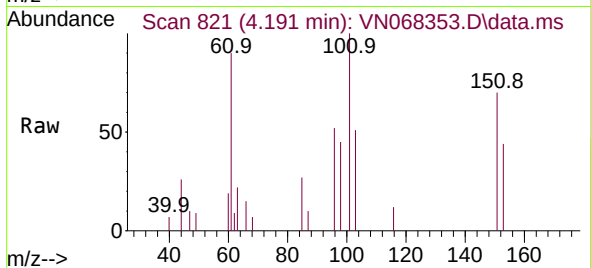




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.538 ug/l  
RT: 4.191 min Scan# 821  
Delta R.T. -0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

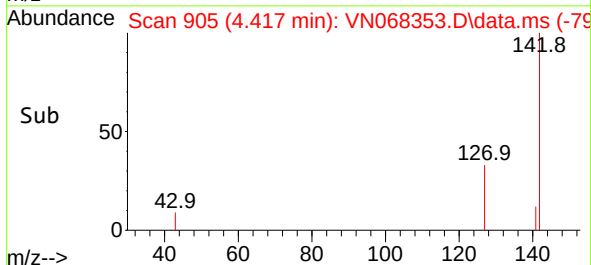
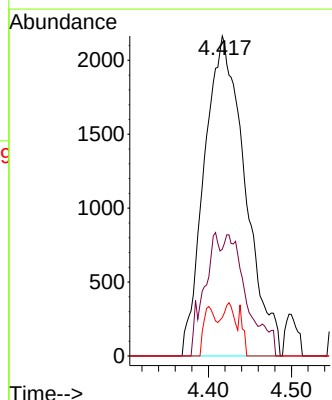
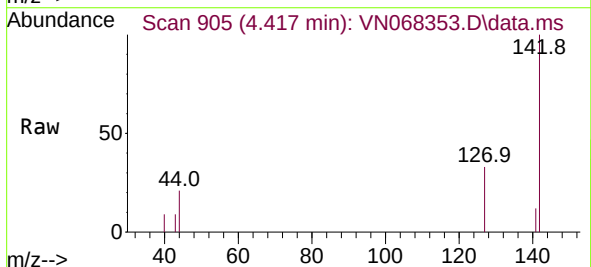
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

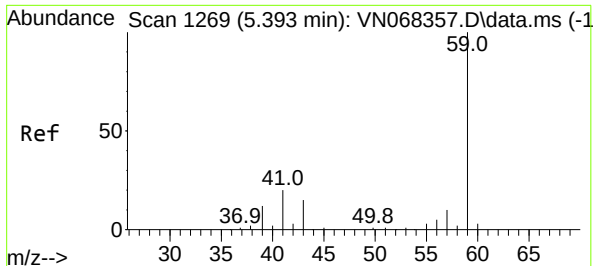
Tgt Ion:101 Resp: 2878  
Ion Ratio Lower Upper  
101 100  
85 27.0 35.7 53.5#  
151 0.0 69.1 103.7#



#10  
Methyl Iodide  
Concen: 1.083 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:142 Resp: 7369  
Ion Ratio Lower Upper  
142 100  
127 0.0 34.6 51.8#  
141 2.6 11.4 17.0#



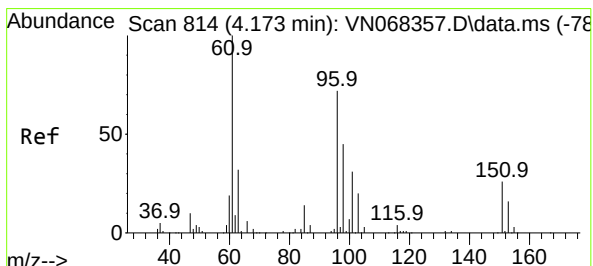
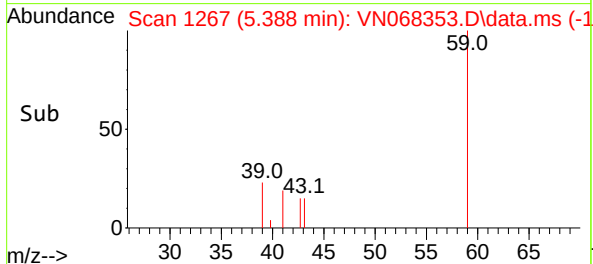
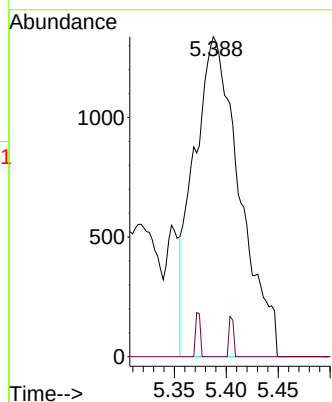
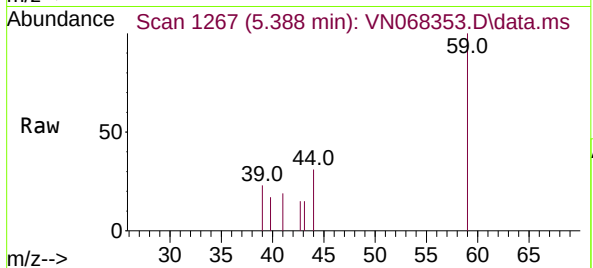


#11

Tert butyl alcohol  
Concen: 5.068 ug/l  
RT: 5.388 min Scan# 1267  
Delta R.T. -0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

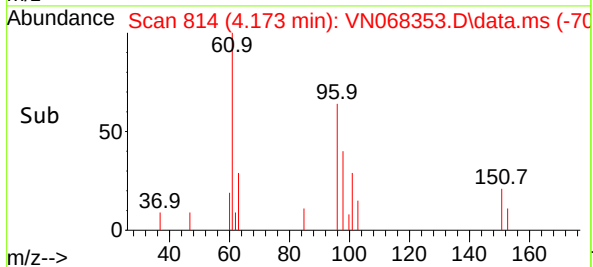
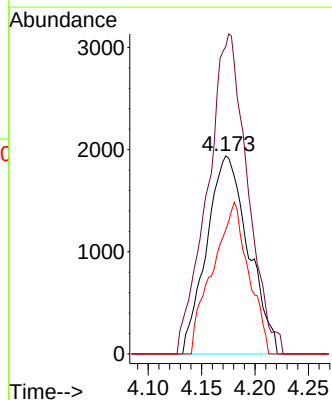
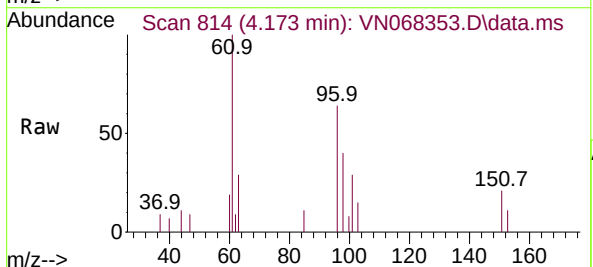
Tgt Ion: 59 Resp: 4090  
Ion Ratio Lower Upper  
59 100  
57 1.3 8.2 12.2#

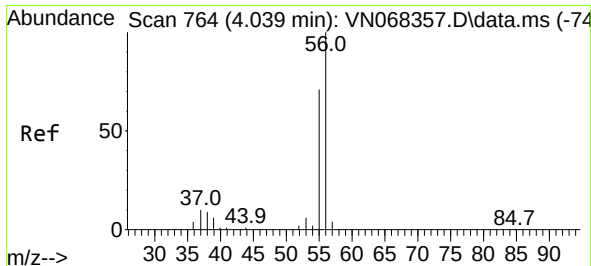


#12

1,1-Dichloroethene  
Concen: 1.078 ug/l  
RT: 4.173 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 96 Resp: 5265  
Ion Ratio Lower Upper  
96 100  
61 145.6 111.0 166.4  
98 62.8 50.0 75.0

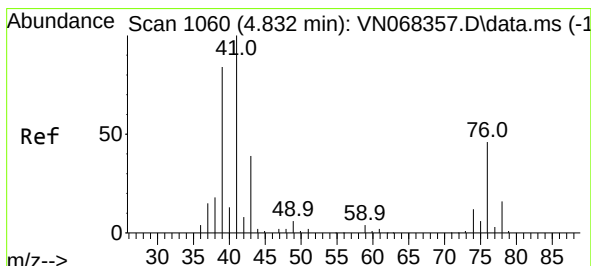
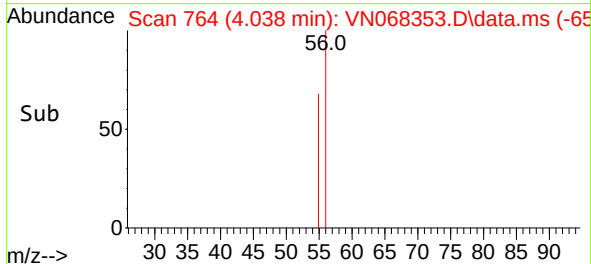
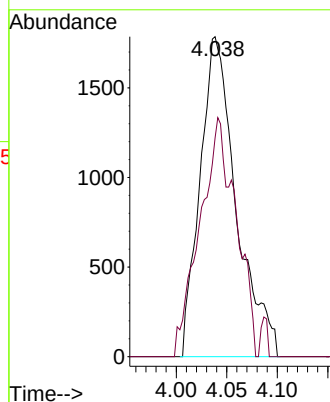
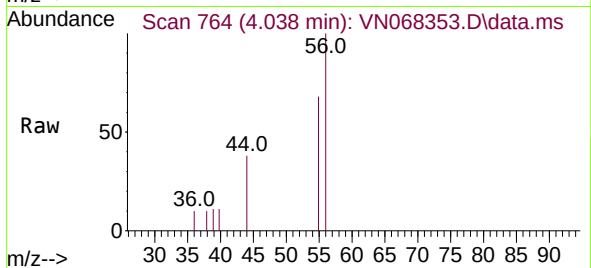




#13  
Acrolein  
Concen: 7.936 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

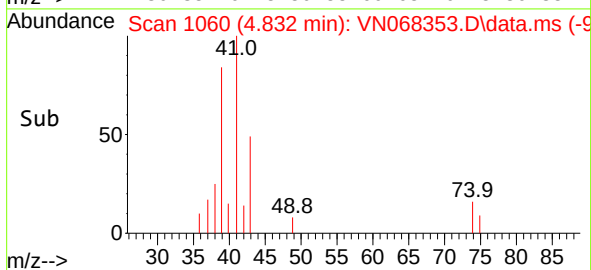
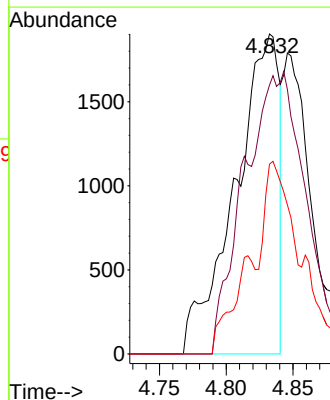
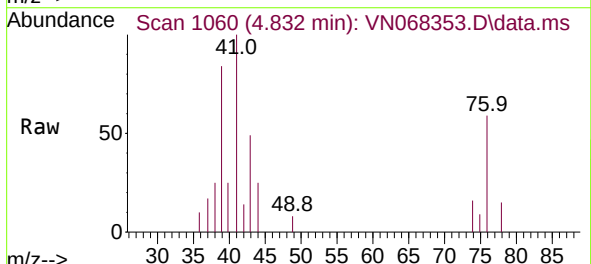
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

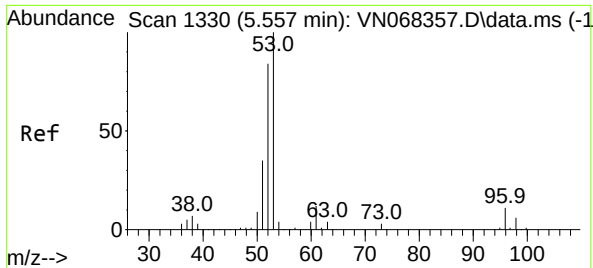
Tgt Ion: 56 Resp: 4451  
Ion Ratio Lower Upper  
56 100  
55 74.5 58.9 88.3



#14  
Allyl chloride  
Concen: 0.693 ug/l  
RT: 4.832 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 41 Resp: 4345  
Ion Ratio Lower Upper  
41 100  
39 8.6 62.3 93.5#  
76 22.0 34.4 51.6#

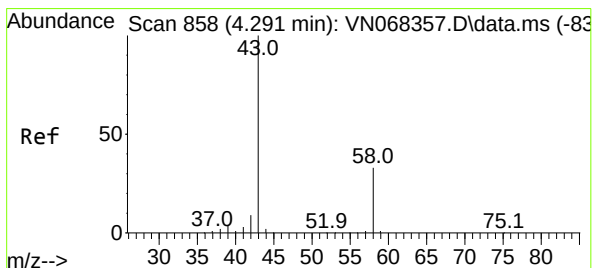
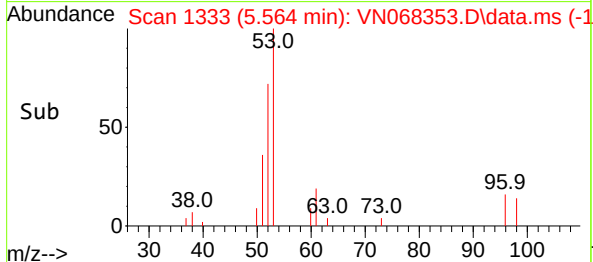
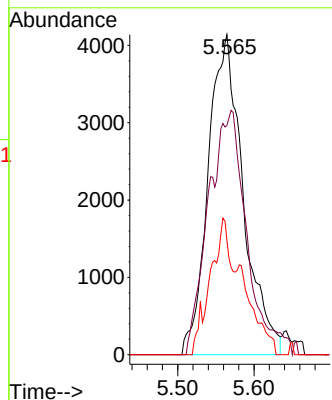
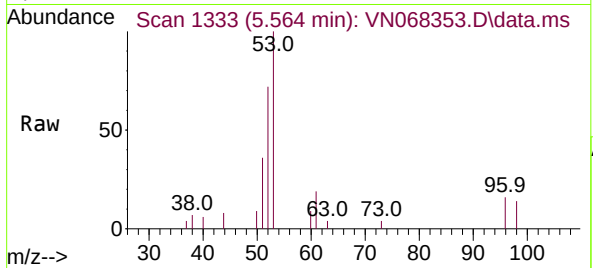




#15  
Acrylonitrile  
Concen: 5.656 ug/l  
RT: 5.564 min Scan# 1333  
Delta R.T. 0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

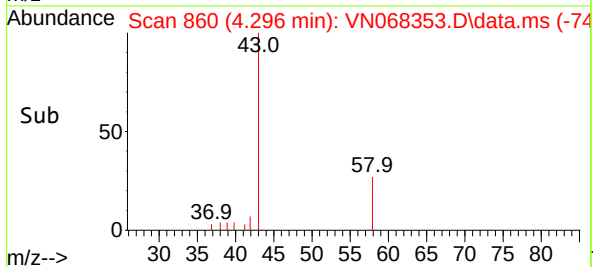
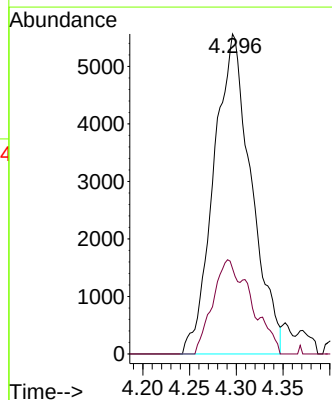
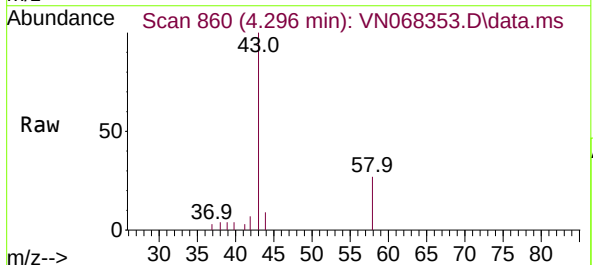
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

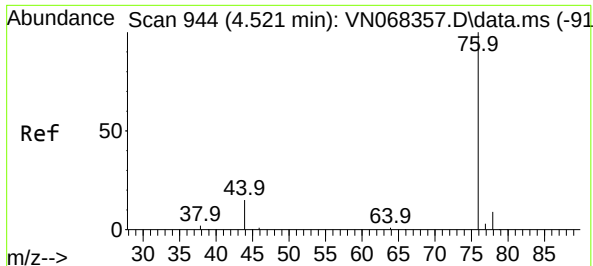
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 13186 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 83.6     | 66.2 99.4   |
| 51 16.5     | 29.5 44.3#  |



#16  
Acetone  
Concen: 7.200 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 15504 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 26.7     | 26.3 39.5   |

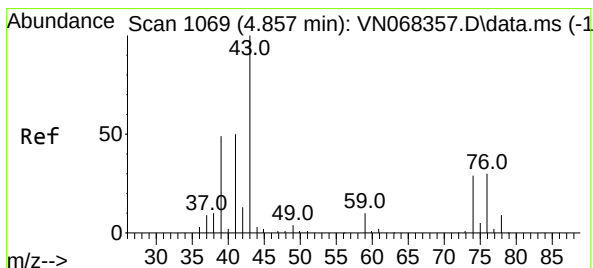
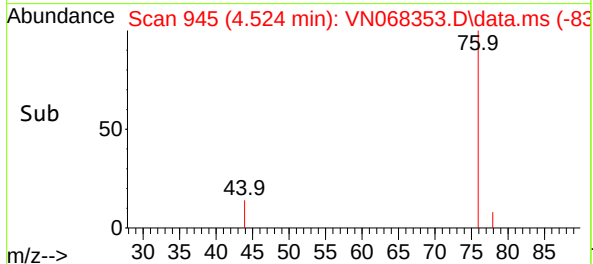
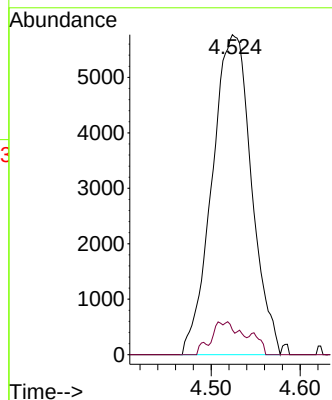
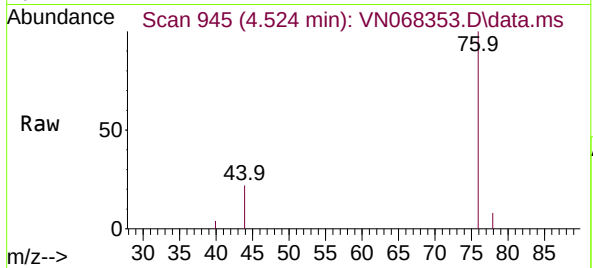




#17  
Carbon Disulfide  
Concen: 1.297 ug/l  
RT: 4.524 min Scan# 945  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

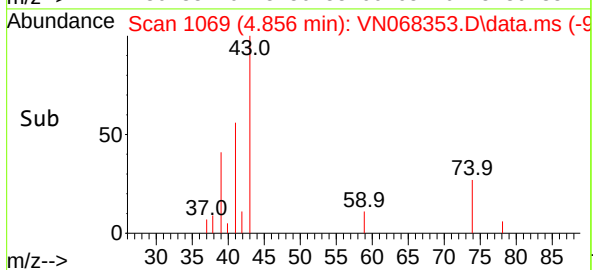
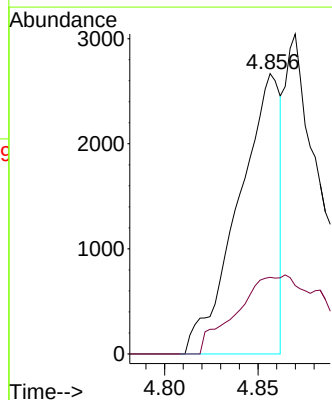
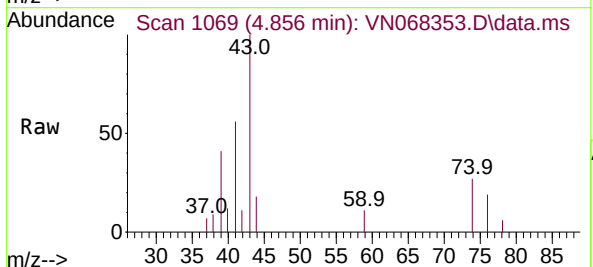
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

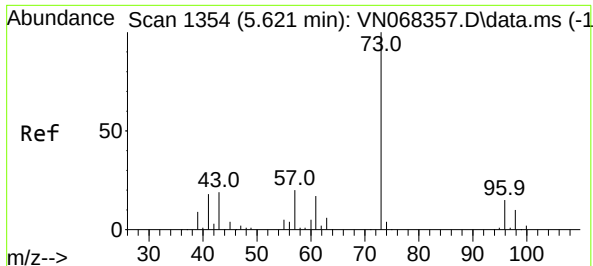
Tgt Ion: 76 Resp: 17728  
Ion Ratio Lower Upper  
76 100  
78 7.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 0.698 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 43 Resp: 4147  
Ion Ratio Lower Upper  
43 100  
74 59.7 23.0 34.4#



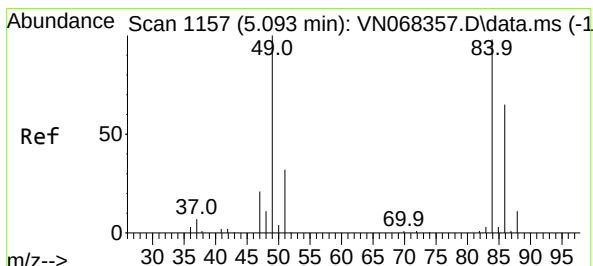
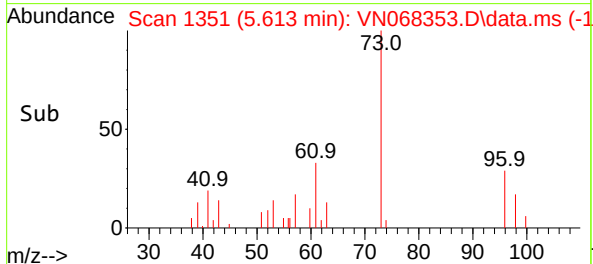
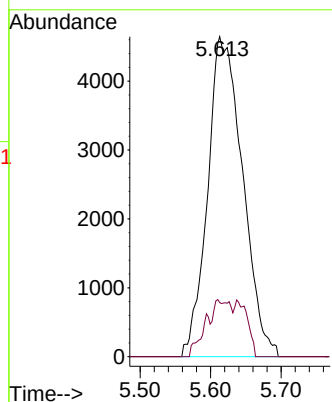
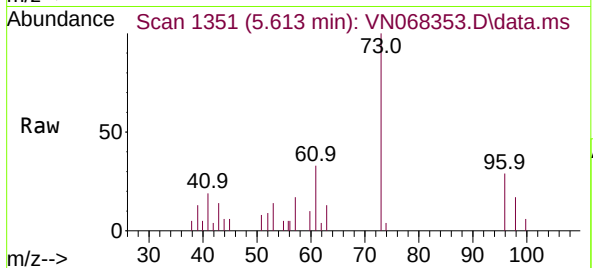


#19

Methyl tert-butyl Ether  
Concen: 1.005 ug/l  
RT: 5.613 min Scan# 1351  
Delta R.T. -0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

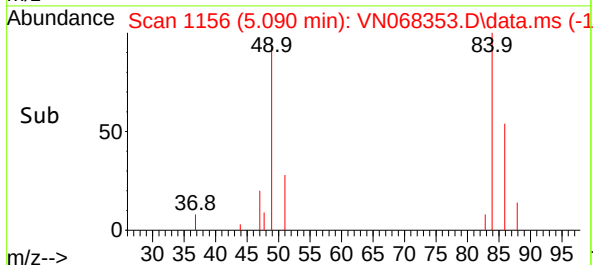
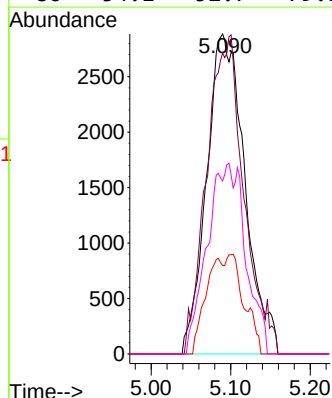
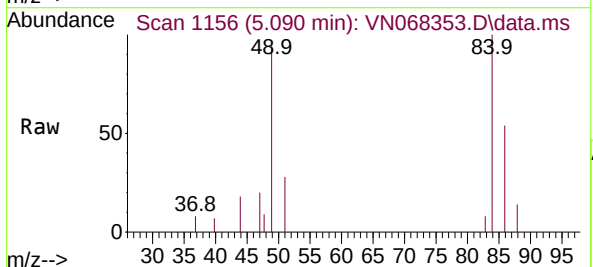
Tgt Ion: 73 Resp: 16013  
Ion Ratio Lower Upper  
73 100  
57 16.9 15.8 23.6

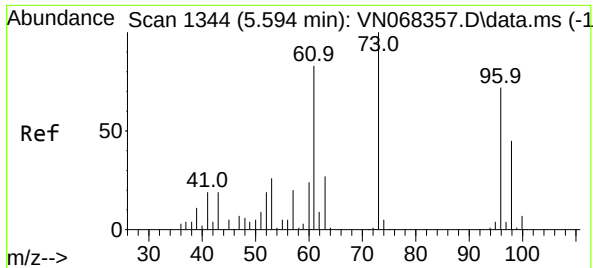


#20

Methylene Chloride  
Concen: 1.484 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 84 Resp: 9652  
Ion Ratio Lower Upper  
84 100  
49 94.1 81.8 122.6  
51 27.7 26.3 39.5  
86 54.1 52.7 79.1

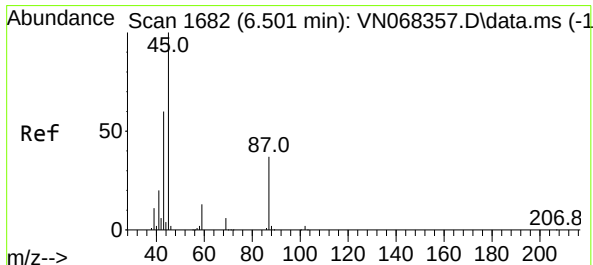
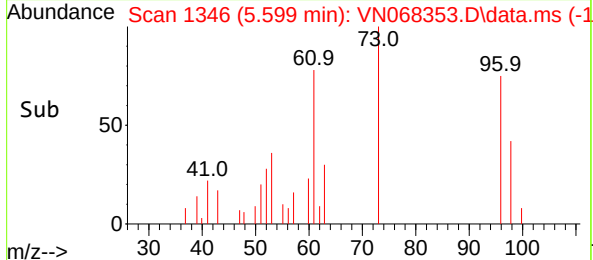
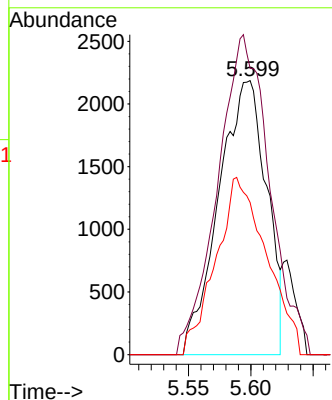
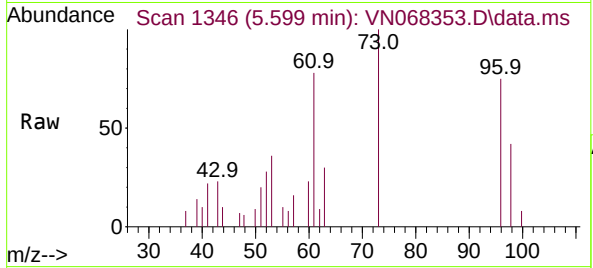




#21  
trans-1,2-Dichloroethene  
Concen: 1.050 ug/l  
RT: 5.599 min Scan# 1346  
Delta R.T. 0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

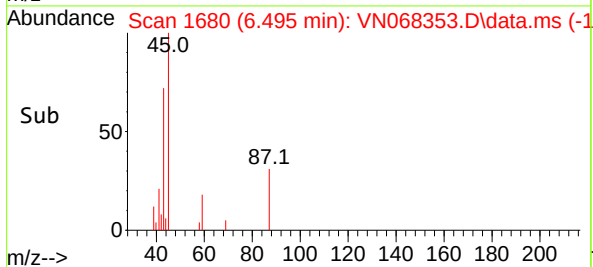
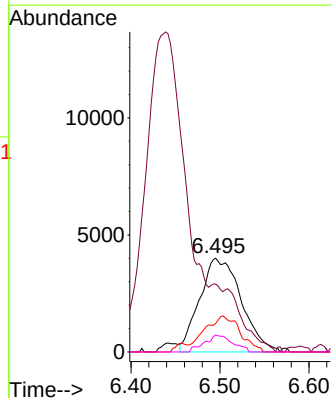
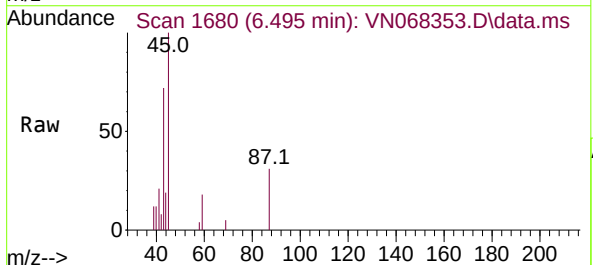
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

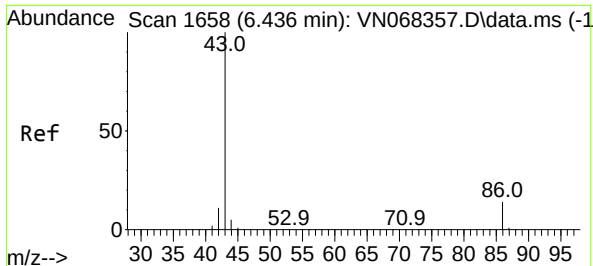
Tgt Ion: 96 Resp: 5841  
Ion Ratio Lower Upper  
96 100  
61 97.5 92.9 139.3  
98 55.5 50.5 75.7



#22  
Diisopropyl ether  
Concen: 0.966 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 45 Resp: 12996  
Ion Ratio Lower Upper  
45 100  
43 67.0 48.1 72.1  
87 30.5 30.2 45.2  
59 18.2 10.6 15.8#

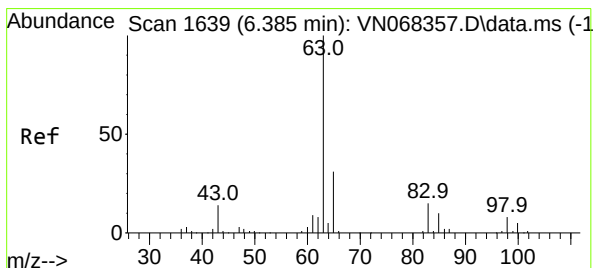
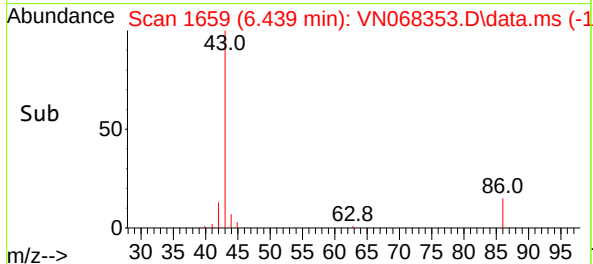
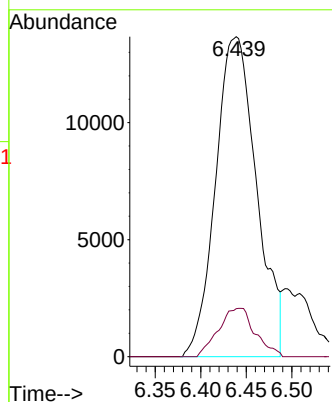
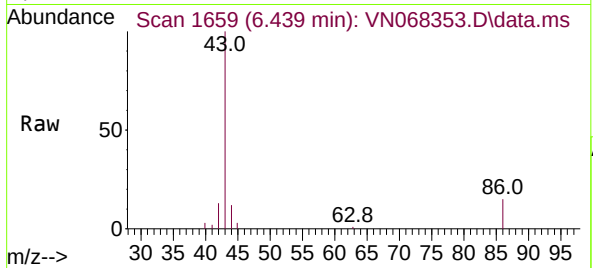




#23  
 Vinyl Acetate  
 Concen: 4.698 ug/l  
 RT: 6.439 min Scan# 1659  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

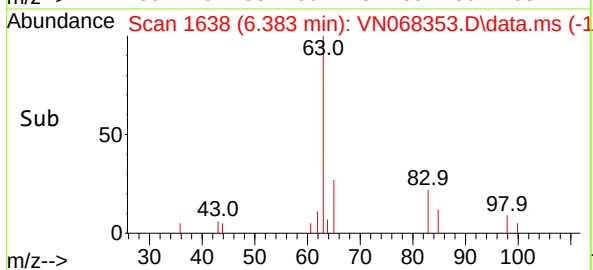
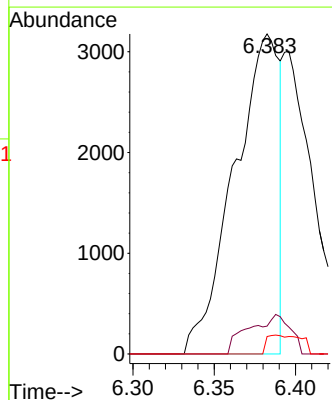
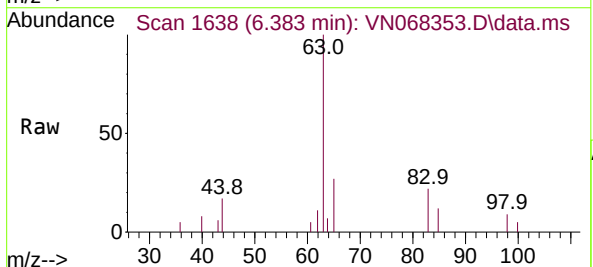
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tgt Ion: 43 Resp: 42799  
 Ion Ratio Lower Upper  
 43 100  
 86 15.0 11.0 16.6

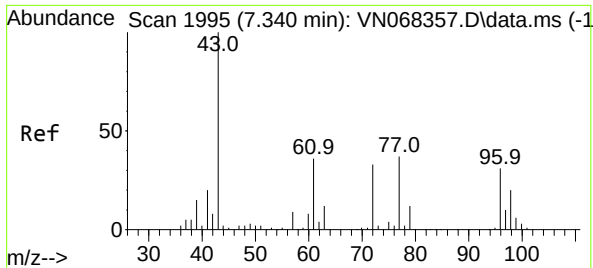


#24  
 1,1-Dichloroethane  
 Concen: 0.676 ug/l  
 RT: 6.383 min Scan# 1638  
 Delta R.T. -0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion: 63 Resp: 6130  
 Ion Ratio Lower Upper  
 63 100  
 98 8.7 3.8 11.4  
 100 5.5 2.5 7.4



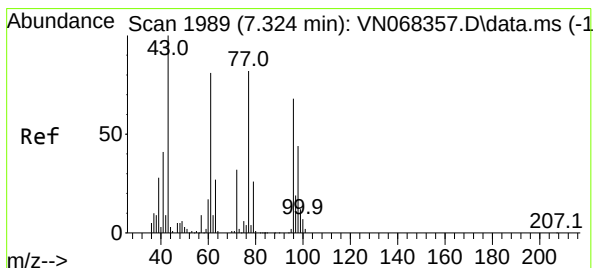
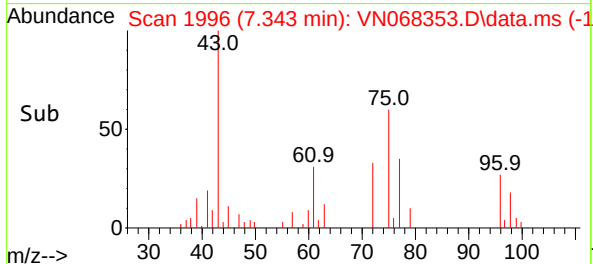
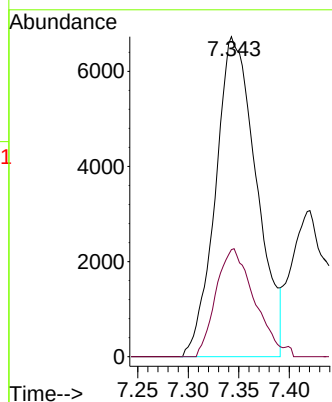
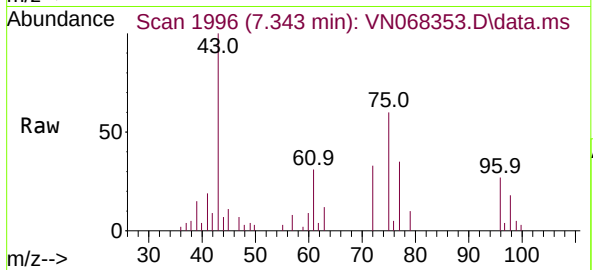




#25  
2-Butanone  
Concen: 6.200 ug/l  
RT: 7.343 min Scan# 1996  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

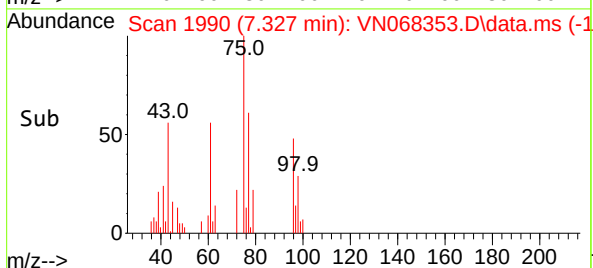
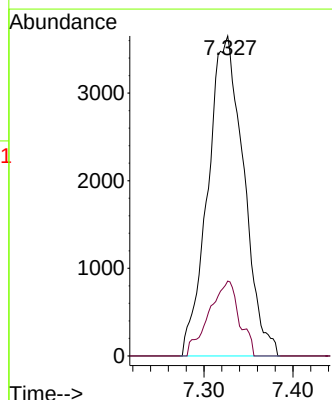
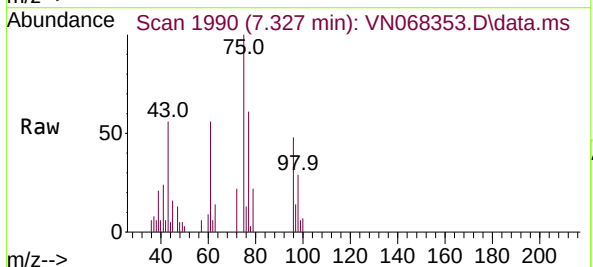
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

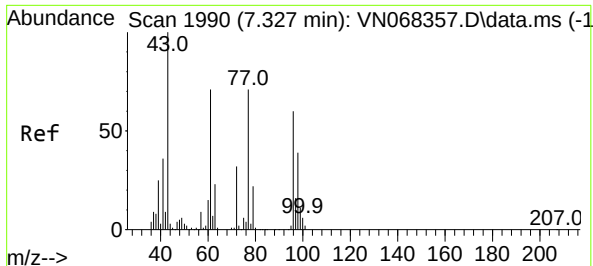
Tgt Ion: 43 Resp: 18939  
Ion Ratio Lower Upper  
43 100  
72 33.5 26.5 39.7



#26  
2,2-Dichloropropane  
Concen: 1.189 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

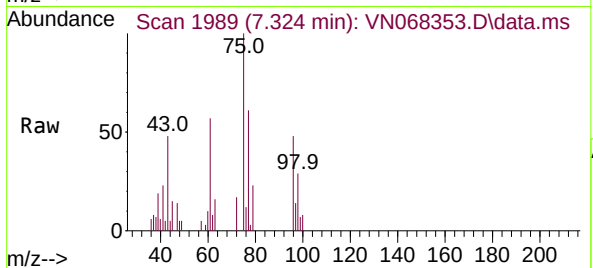
Tgt Ion: 77 Resp: 10171  
Ion Ratio Lower Upper  
77 100  
97 19.9 11.9 35.9



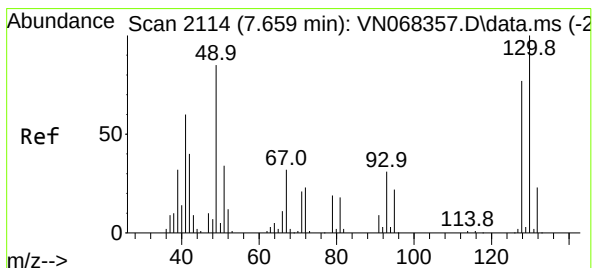
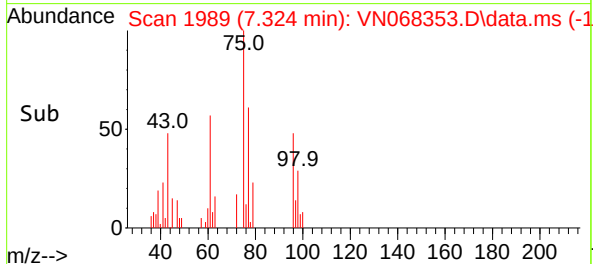
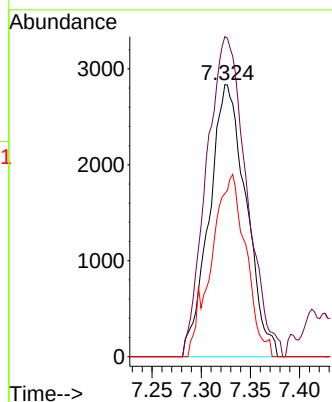


#27  
 cis-1,2-Dichloroethene  
 Concen: 1.126 ug/l  
 RT: 7.324 min Scan# 1989  
 Delta R.T. -0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

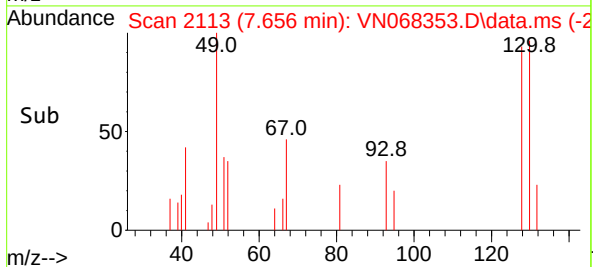
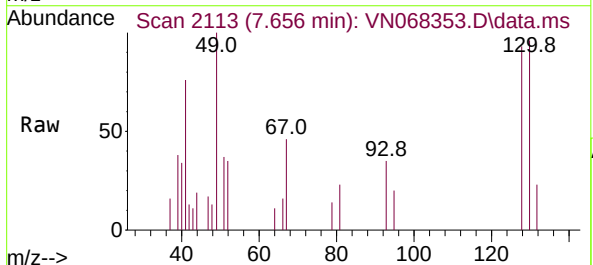
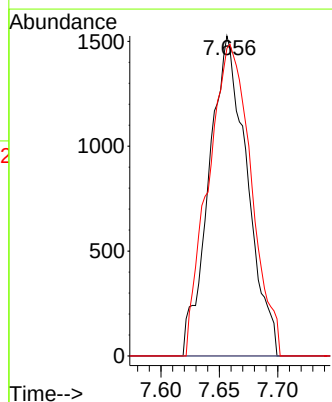


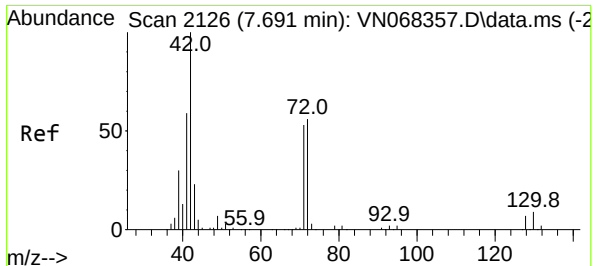
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 7392  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 127.4 | 0.0   | 242.0 |
| 98       | 62.5  | 0.0   | 130.6 |



#28  
 Bromochloromethane  
 Concen: 0.940 ug/l  
 RT: 7.656 min Scan# 2113  
 Delta R.T. -0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 3456  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 6.0   |
| 130      | 110.0 | 91.1  | 136.7 |





#29

Tetrahydrofuran

Concen: 5.291 ug/l

RT: 7.697 min Scan# 2128

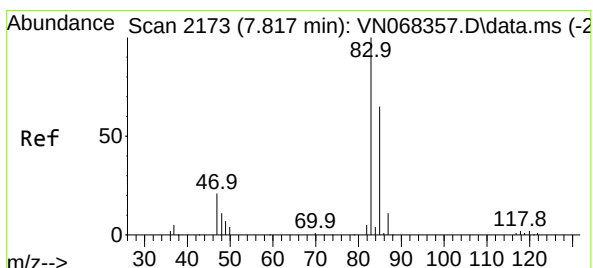
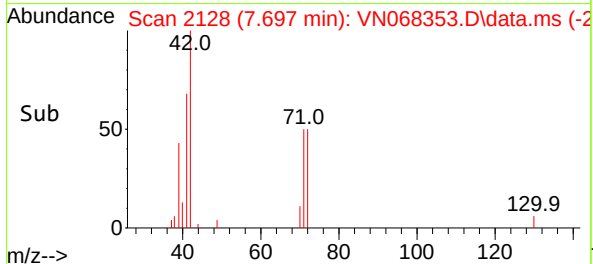
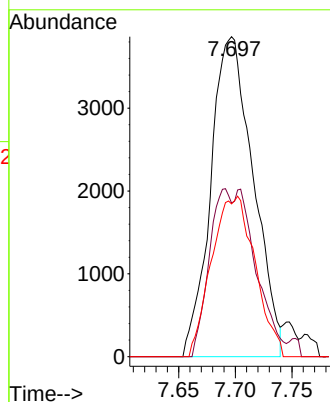
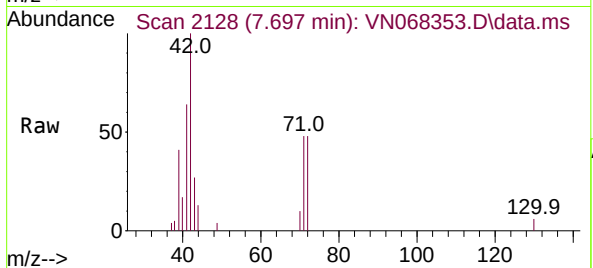
Delta R.T. 0.005 min

Lab File: VN068353.D

Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 10098 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 27.6  | 44.0  | 66.0# |
| 71       | 51.0  | 42.6  | 63.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



#30

Chloroform

Concen: 1.097 ug/l

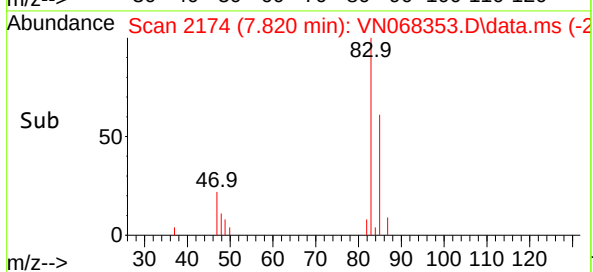
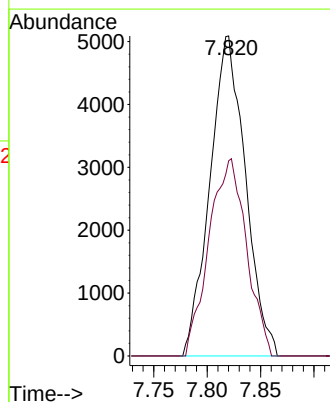
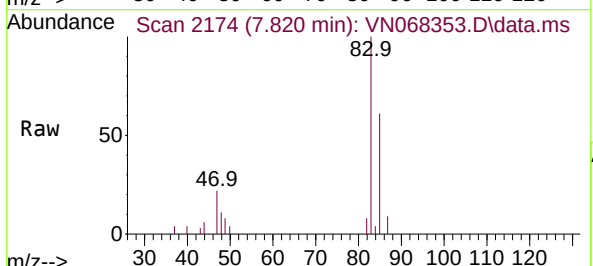
RT: 7.820 min Scan# 2174

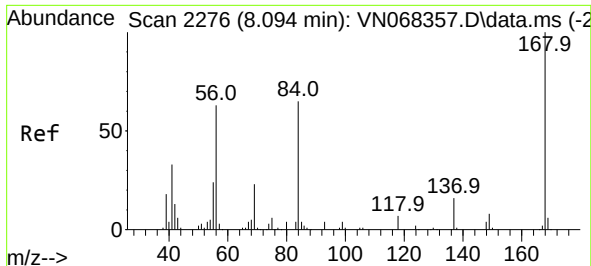
Delta R.T. 0.003 min

Lab File: VN068353.D

Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11789 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.0  | 52.4  | 78.6  |

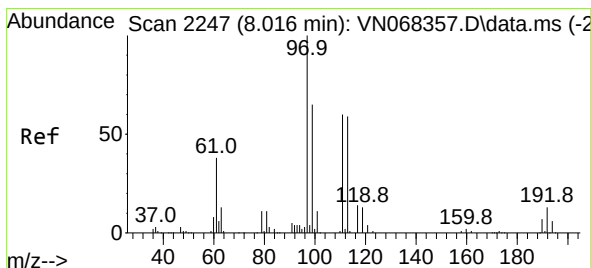
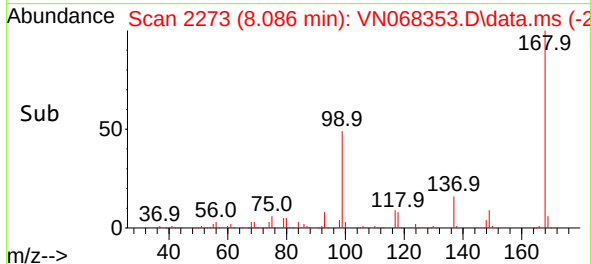
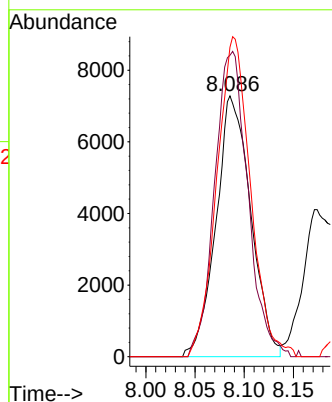
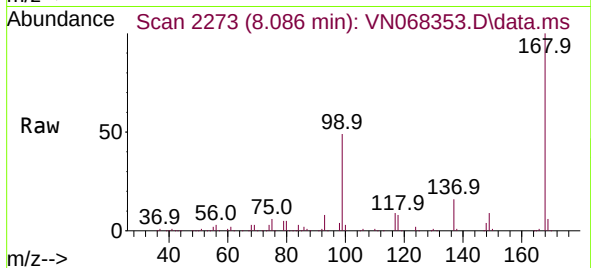




#31  
Cyclohexane  
Concen: 2.108 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

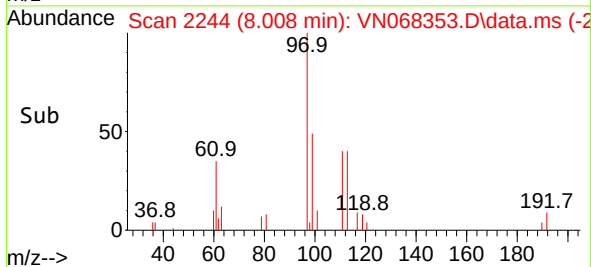
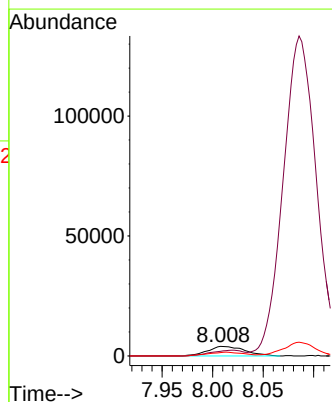
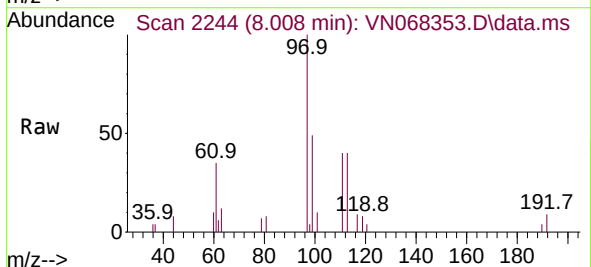
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

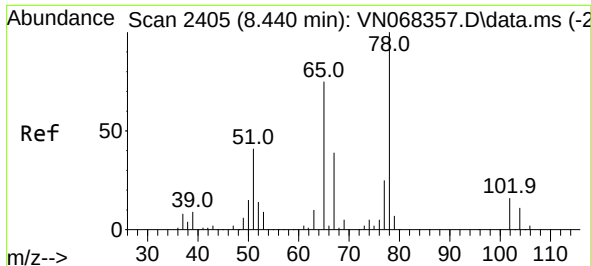
Tgt Ion: 56 Resp: 17890  
Ion Ratio Lower Upper  
56 100  
69 115.5 29.8 44.6#  
84 118.6 82.6 124.0



#32  
1,1,1-Trichloroethane  
Concen: 1.036 ug/l  
RT: 8.008 min Scan# 2244  
Delta R.T. -0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 97 Resp: 10332  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7#  
61 37.4 30.2 45.4

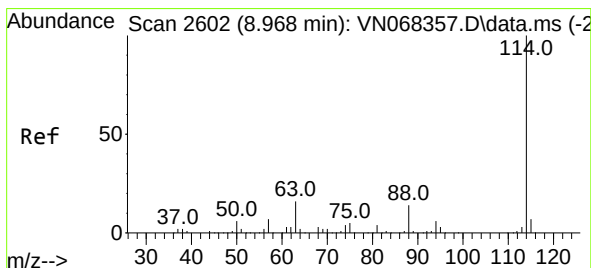
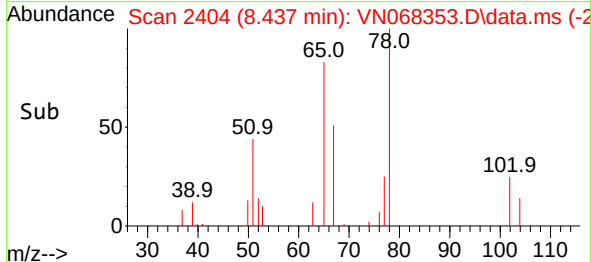
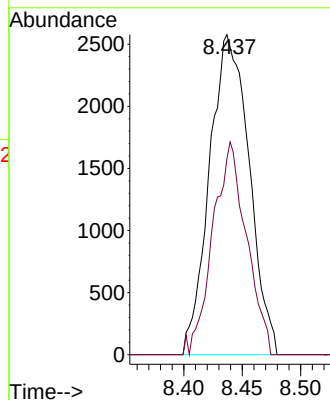
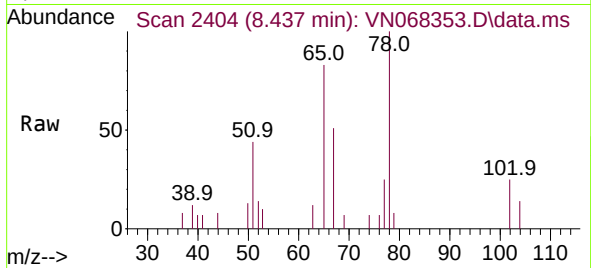




#33  
 1,2-Dichloroethane-d4  
 Concen: 0.945 ug/l  
 RT: 8.437 min Scan# 2404  
 Delta R.T. -0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

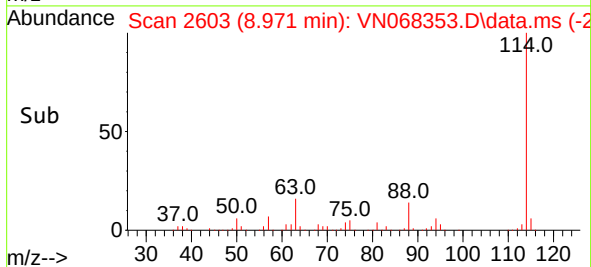
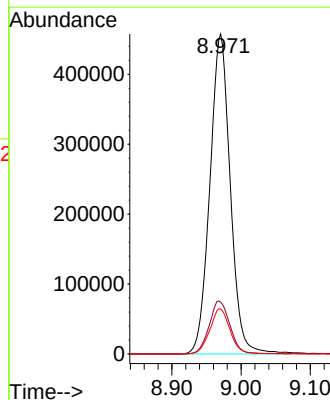
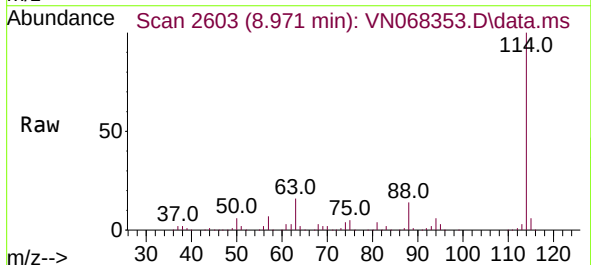
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

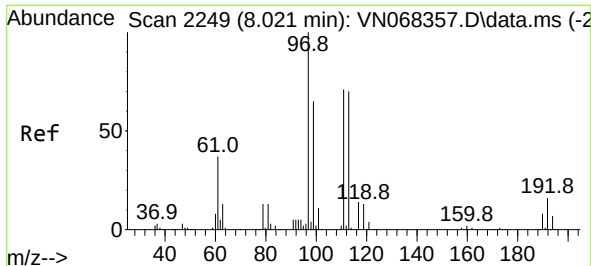
Tgt Ion: 65 Resp: 6080  
 Ion Ratio Lower Upper  
 65 100  
 67 56.5 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion: 114 Resp: 935546  
 Ion Ratio Lower Upper  
 114 100  
 63 16.2 0.0 32.2  
 88 14.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 0.936 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.005 min

Lab File: VN068353.D

Acq: 30 Aug 2021 12:31

Tgt Ion: 113 Resp: 5449

Ion Ratio Lower Upper

113 100

111 107.9 82.2 123.4

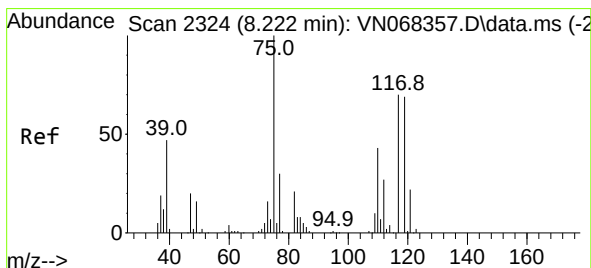
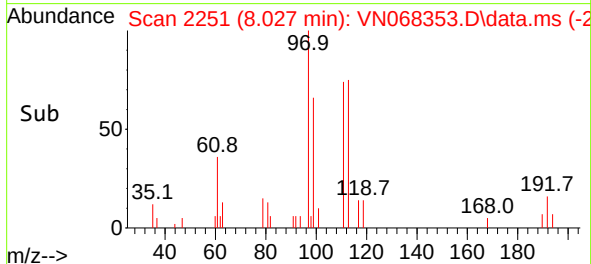
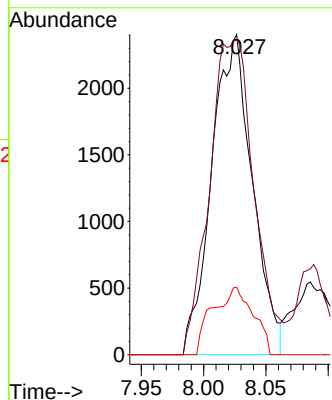
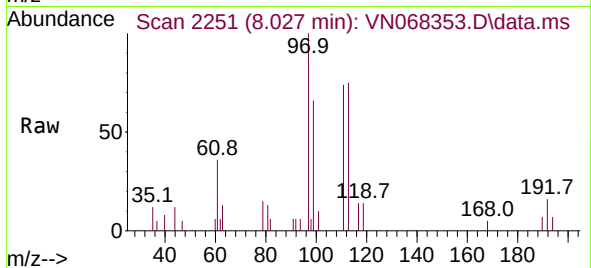
192 21.0 18.1 27.1

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001



#36

1,1-Dichloropropene

Concen: 1.006 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VN068353.D

Acq: 30 Aug 2021 12:31

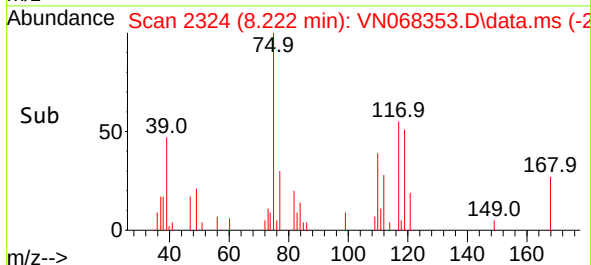
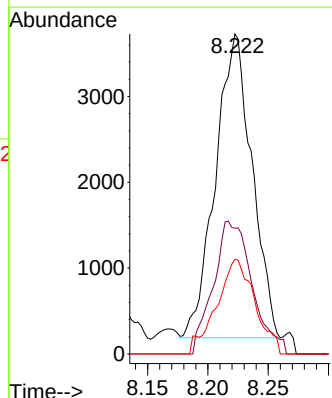
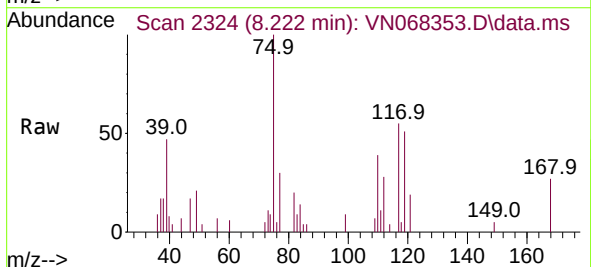
Tgt Ion: 75 Resp: 7457

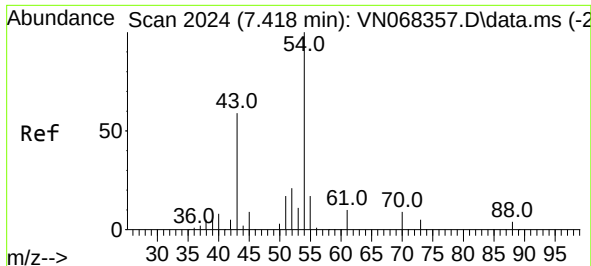
Ion Ratio Lower Upper

75 100

110 46.5 20.8 62.2

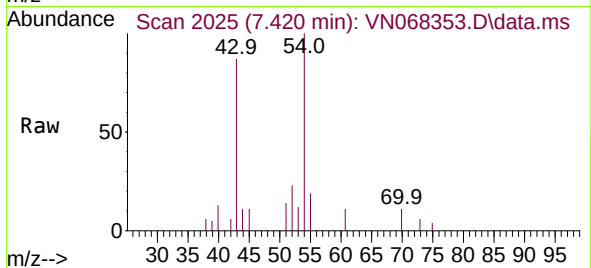
77 32.5 24.4 36.6



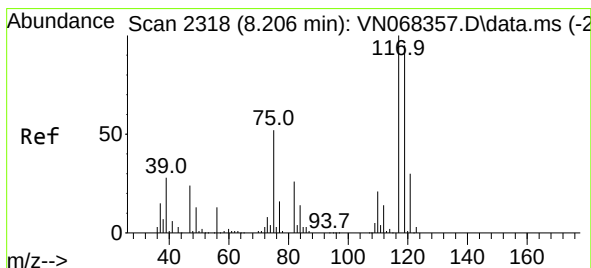
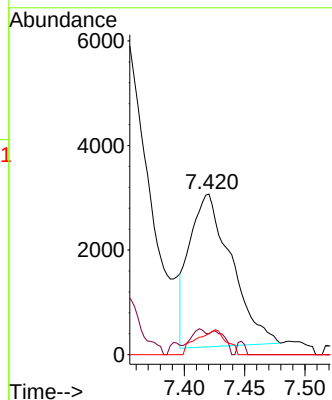
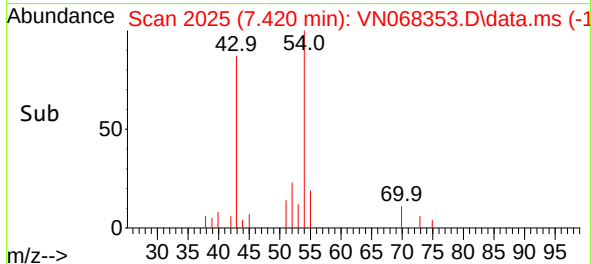


#37  
Ethyl Acetate  
Concen: 1.121 ug/l  
RT: 7.420 min Scan# 2025  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

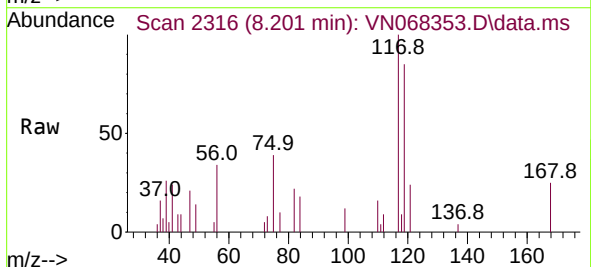
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



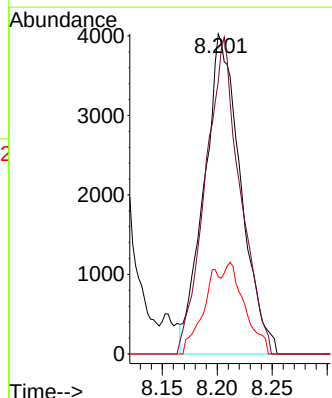
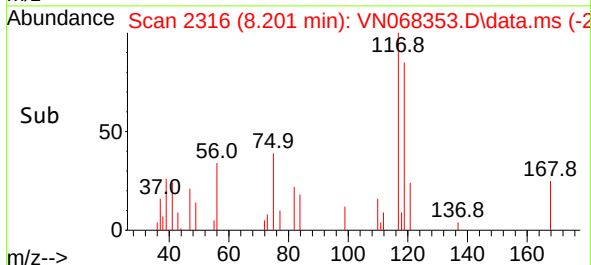
Tgt Ion: 43 Resp: 7065  
Ion Ratio Lower Upper  
43 100  
61 0.0 13.0 19.4#  
70 11.4 9.8 14.8

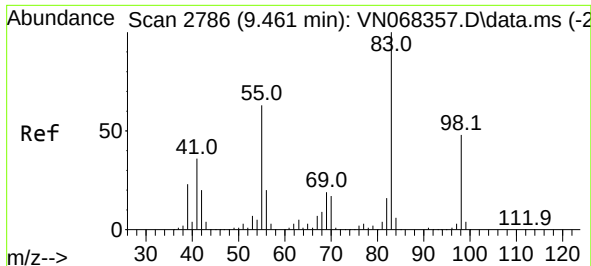


#38  
Carbon Tetrachloride  
Concen: 1.037 ug/l  
RT: 8.201 min Scan# 2316  
Delta R.T. -0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31



Tgt Ion: 117 Resp: 9272  
Ion Ratio Lower Upper  
117 100  
119 85.2 76.0 114.0  
121 24.1 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.008 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN068353.D

Acq: 30 Aug 2021 12:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

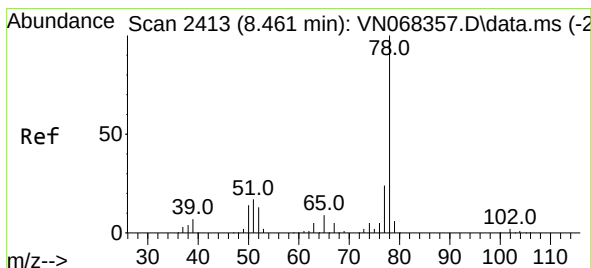
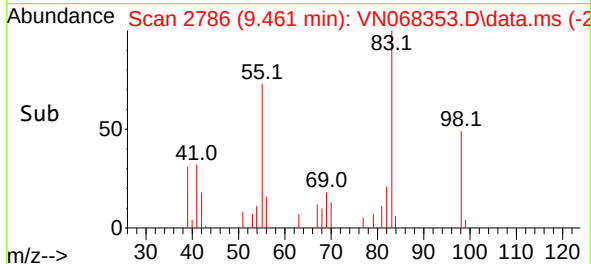
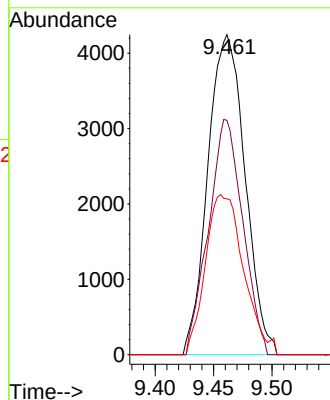
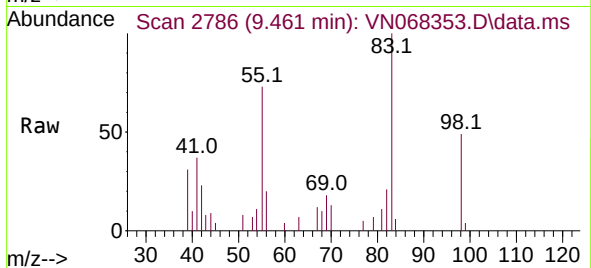
Tgt Ion: 83 Resp: 9411

Ion Ratio Lower Upper

83 100

55 73.3 50.2 75.2

98 48.7 38.6 57.8



#40

Benzene

Concen: 1.054 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.000 min

Lab File: VN068353.D

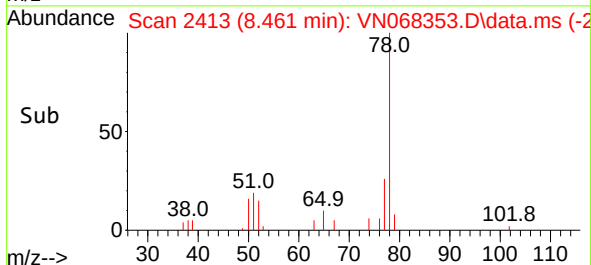
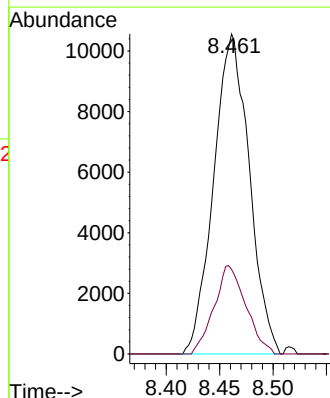
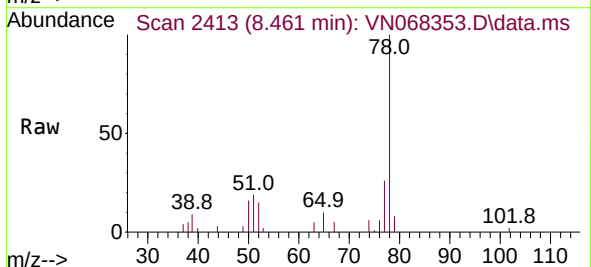
Acq: 30 Aug 2021 12:31

Tgt Ion: 78 Resp: 24492

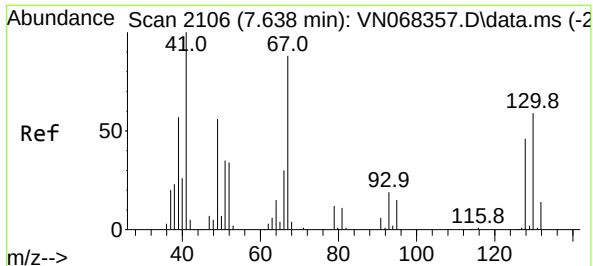
Ion Ratio Lower Upper

78 100

77 26.4 19.0 28.4



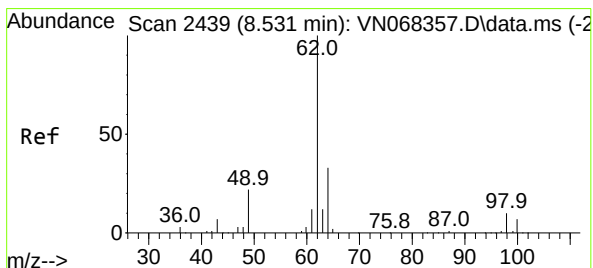
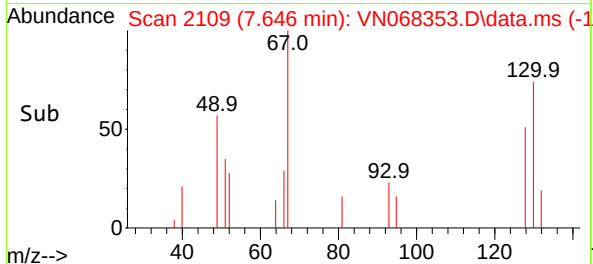
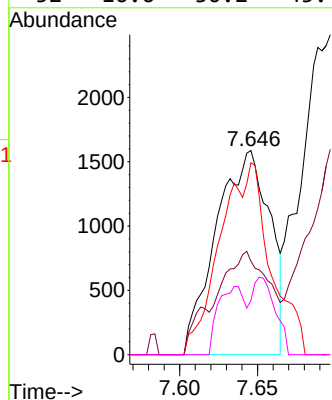
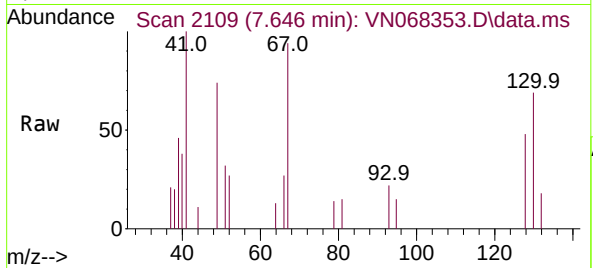




#41  
Methacrylonitrile  
Concen: 1.269 ug/l  
RT: 7.646 min Scan# 2109  
Delta R.T. 0.008 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

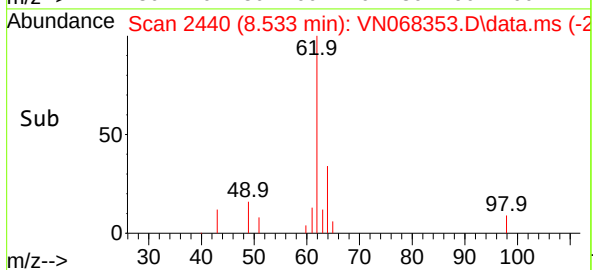
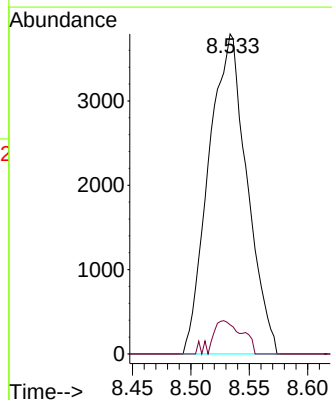
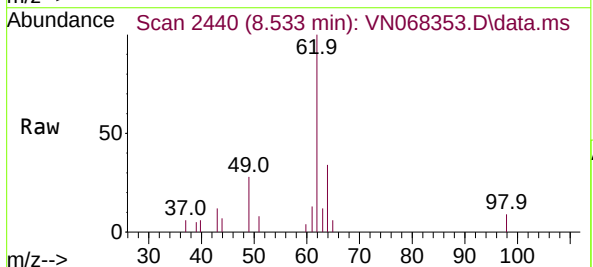
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ClientSampleId :  
VSTDIC001

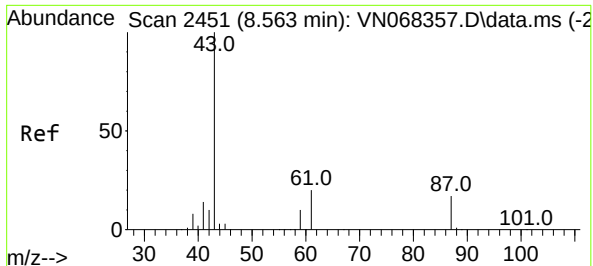
Tgt Ion: 41 Resp: 3792  
Ion Ratio Lower Upper  
41 100  
39 51.5 48.2 72.4  
67 0.0 80.8 121.2#  
52 16.6 30.2 45.4#



#42  
1,2-Dichloroethane  
Concen: 1.103 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 62 Resp: 8618  
Ion Ratio Lower Upper  
62 100  
98 7.8 0.0 20.0

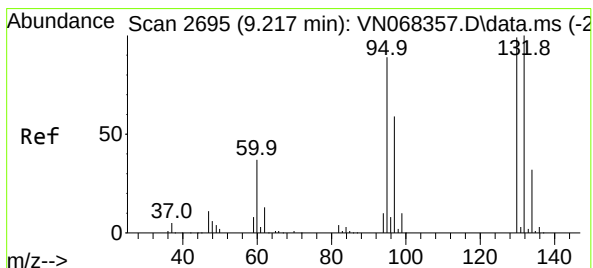
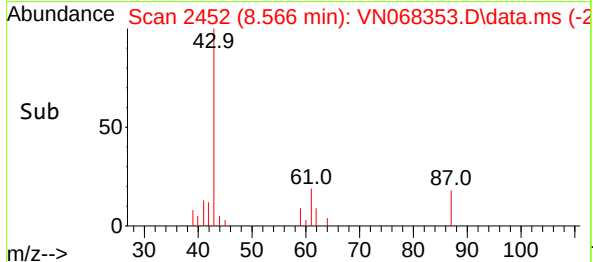
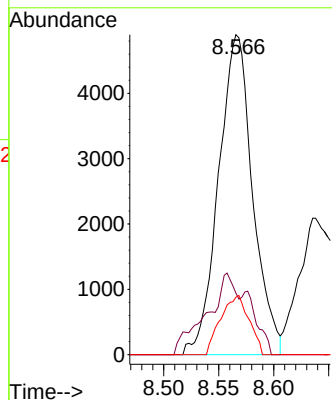
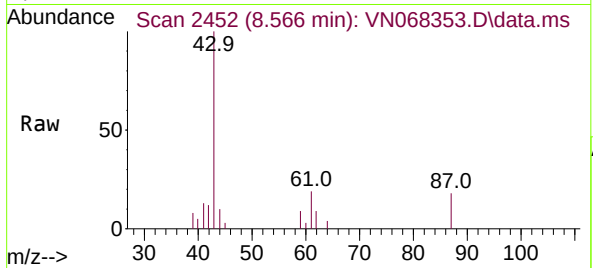




#43  
Isopropyl Acetate  
Concen: 1.029 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

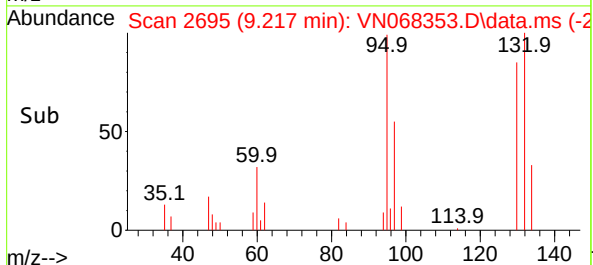
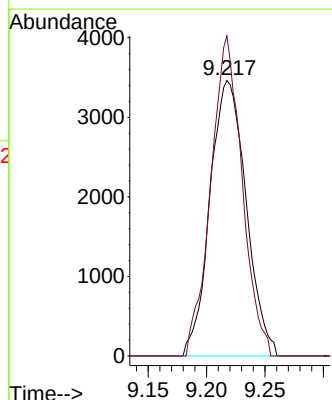
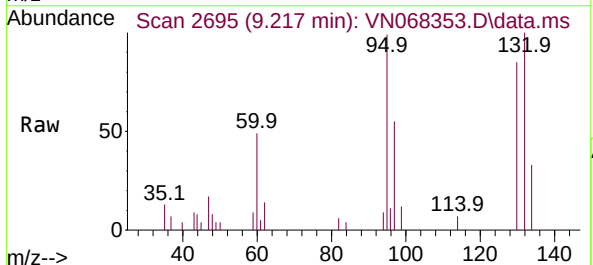
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

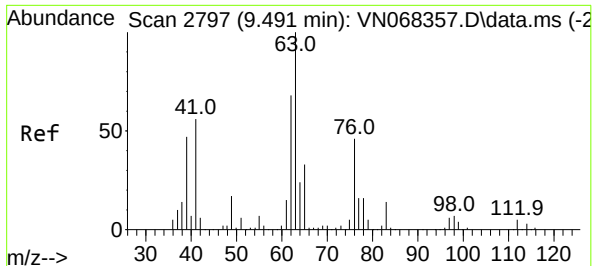
Tgt Ion: 43 Resp: 10572  
Ion Ratio Lower Upper  
43 100  
61 22.3 23.4 35.0#  
87 15.3 14.0 21.0



#44  
Trichloroethene  
Concen: 1.046 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:130 Resp: 7444  
Ion Ratio Lower Upper  
130 100  
95 116.1 0.0 179.8

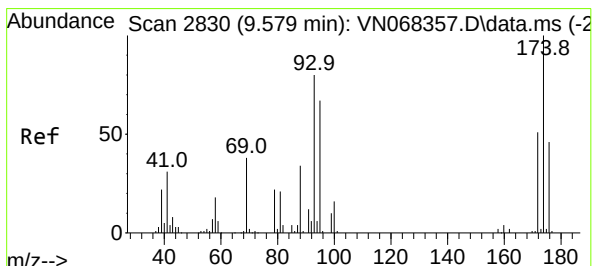
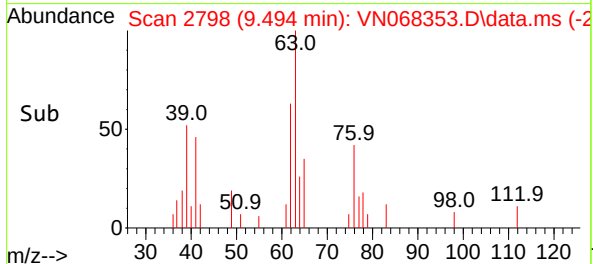
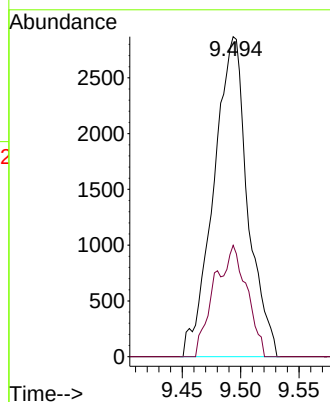
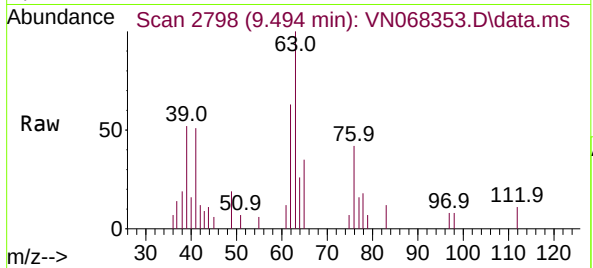




#45  
1,2-Dichloropropane  
Concen: 1.077 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

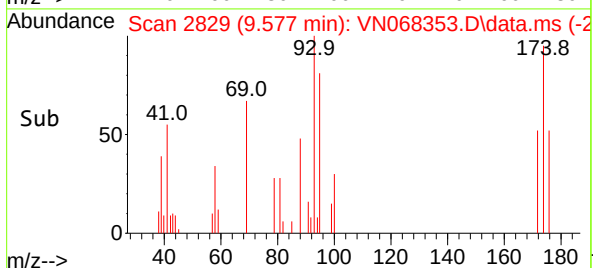
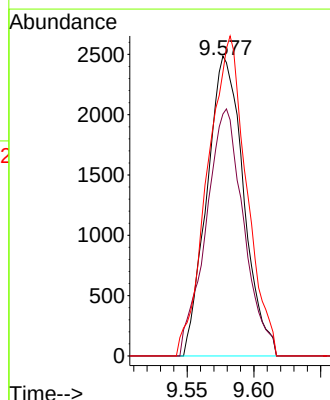
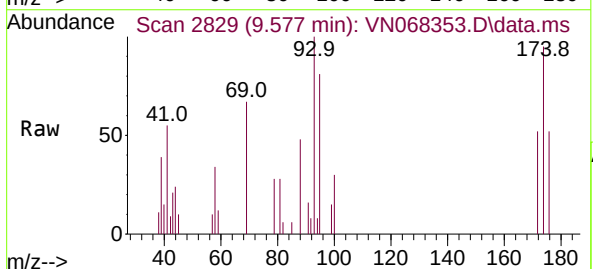
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MSVOA\_N  
ClientSampled :  
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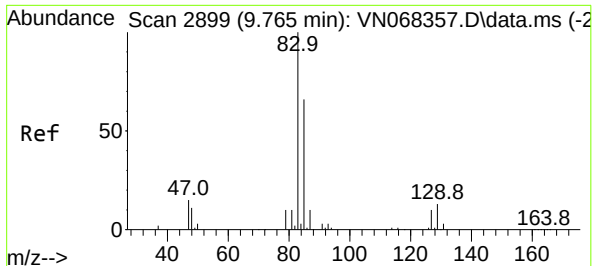
Tgt Ion: 63 Resp: 5827  
Ion Ratio Lower Upper  
63 100  
65 34.8 26.3 39.5



#46  
Dibromomethane  
Concen: 1.060 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 93 Resp: 4740  
Ion Ratio Lower Upper  
93 100  
95 84.6 67.0 100.4  
174 113.0 98.6 148.0

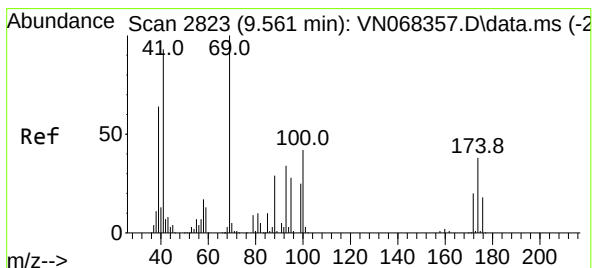
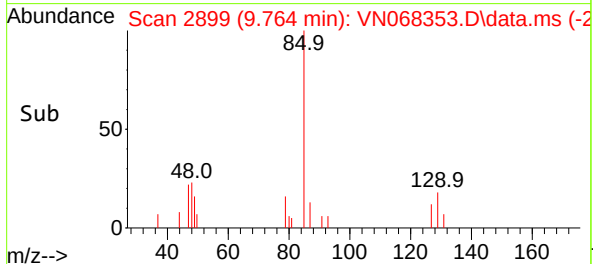
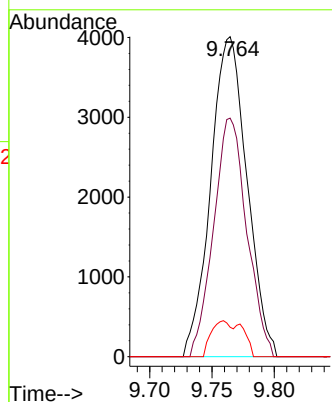
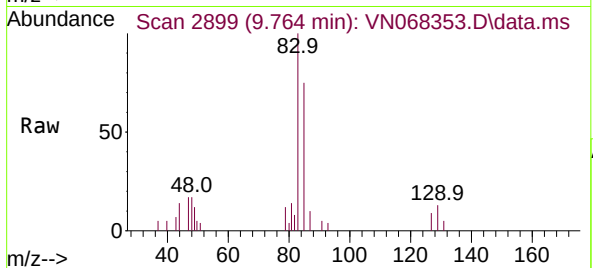




#47  
Bromodichloromethane  
Concen: 0.979 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

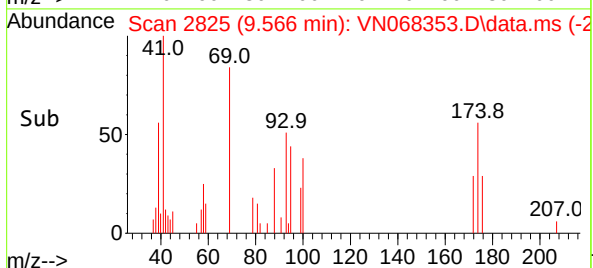
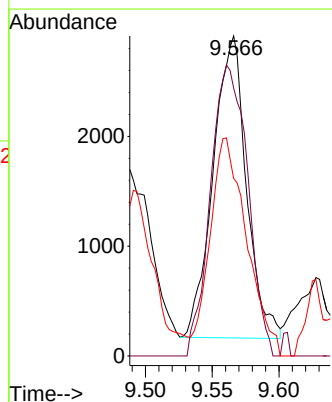
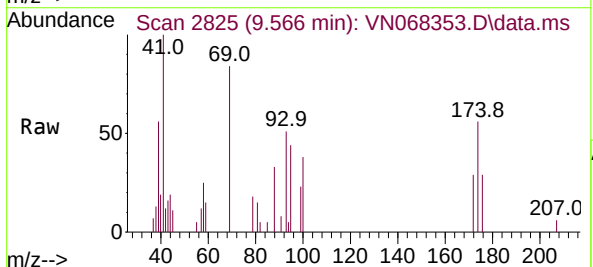
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

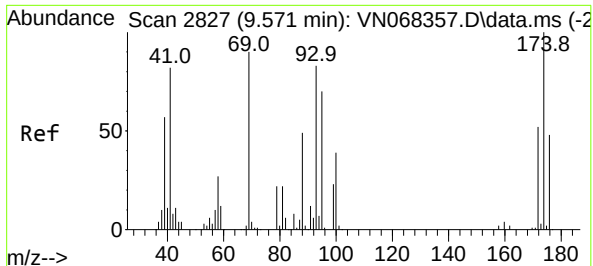
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 8127  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 74.6  | 52.6  | 78.8  |
| 127      | 9.2   | 7.6   | 11.4  |



#48  
Methyl methacrylate  
Concen: 1.080 ug/l  
RT: 9.566 min Scan# 2825  
Delta R.T. 0.005 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 4767  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 107.6 | 83.8  | 125.8 |
| 39       | 79.4  | 51.7  | 77.5  |

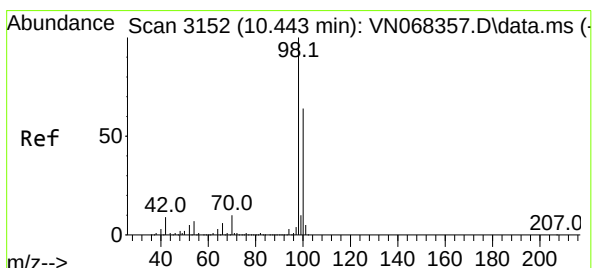
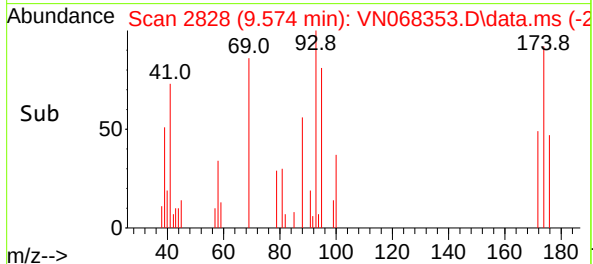
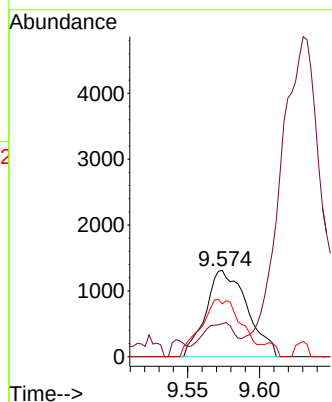
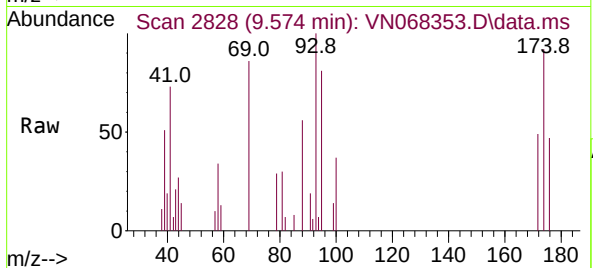




#49  
1,4-Dioxane  
Concen: 23.408 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

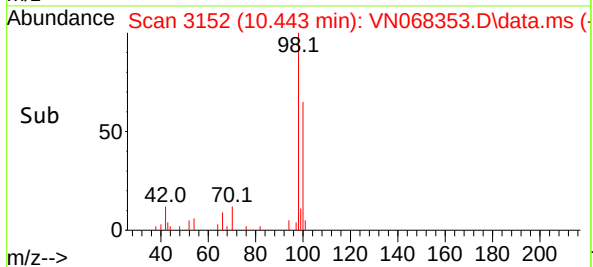
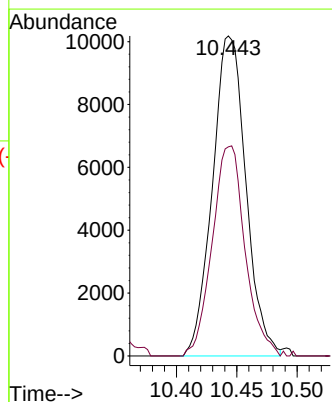
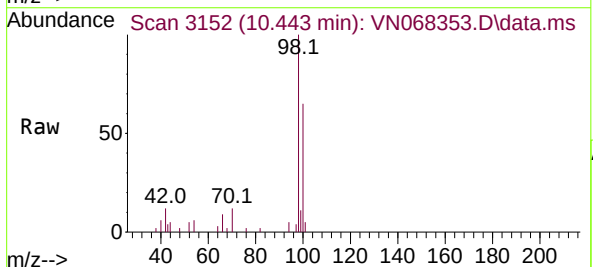
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

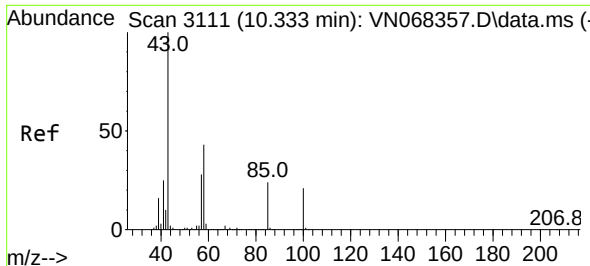
Tgt Ion: 88 Resp: 2626  
Ion Ratio Lower Upper  
88 100  
43 20.4 19.0 28.4  
58 66.3 44.7 67.1



#50  
Toluene-d8  
Concen: 0.877 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 98 Resp: 19675  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.8 77.6

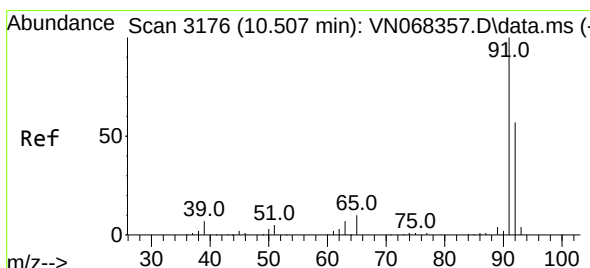
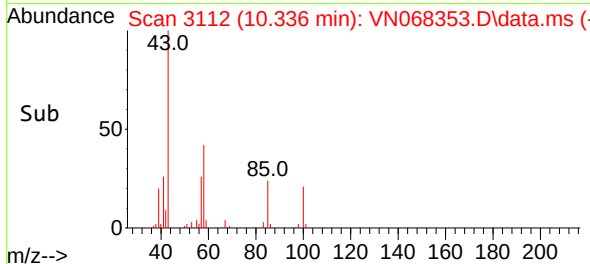
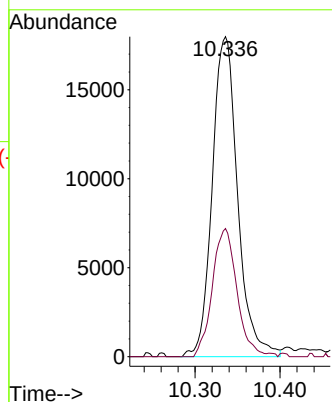
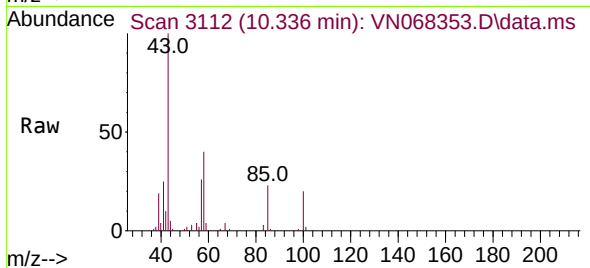




#51  
4-Methyl-2-Pentanone  
Concen: 5.715 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

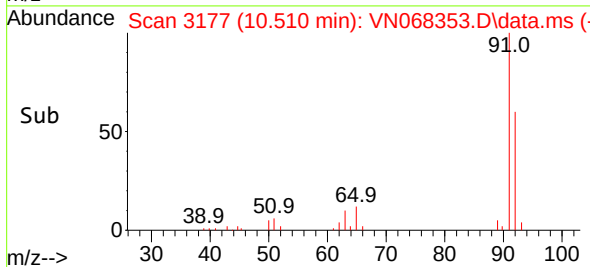
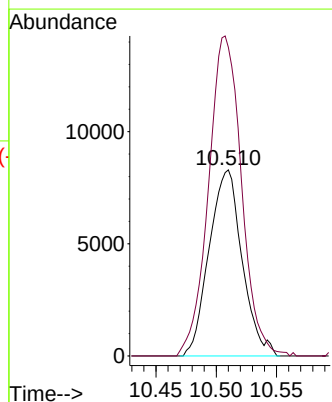
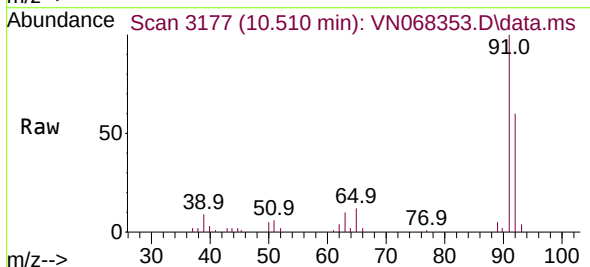
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

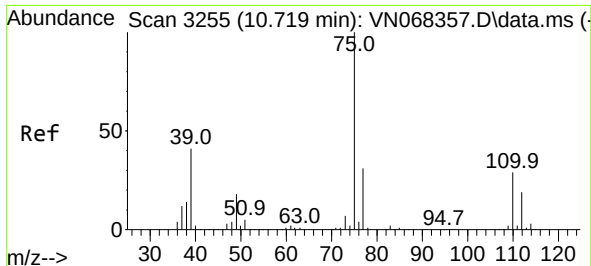
Tgt Ion: 43 Resp: 37432  
Ion Ratio Lower Upper  
43 100  
58 38.5 34.4 51.6



#52  
Toluene  
Concen: 1.000 ug/l  
RT: 10.510 min Scan# 3177  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 92 Resp: 15783  
Ion Ratio Lower Upper  
92 100  
91 172.0 139.6 209.4

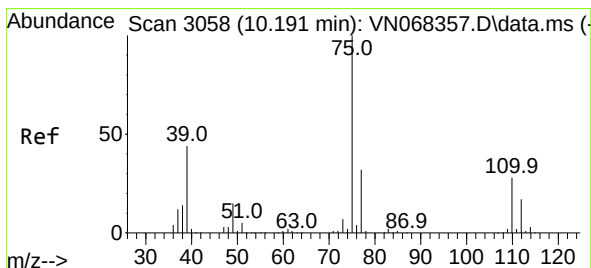
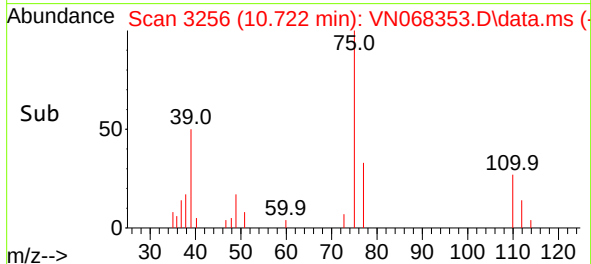
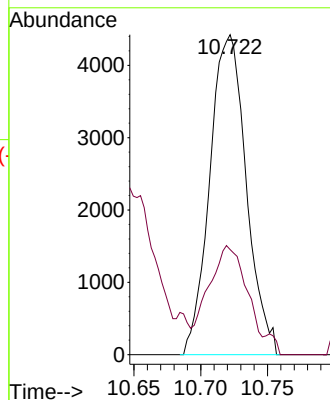
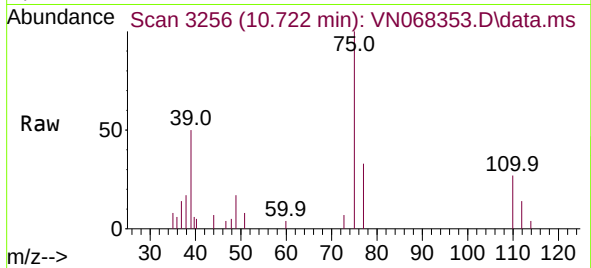




#53  
 t-1,3-Dichloropropene  
 Concen: 0.997 ug/l  
 RT: 10.722 min Scan# 3256  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

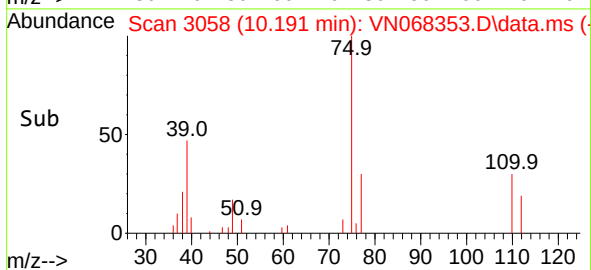
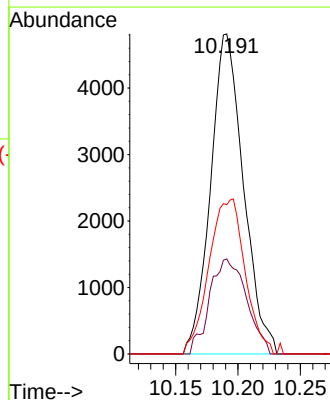
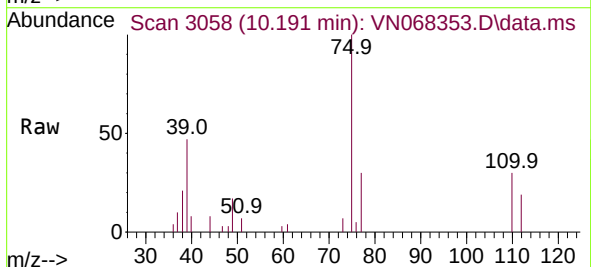
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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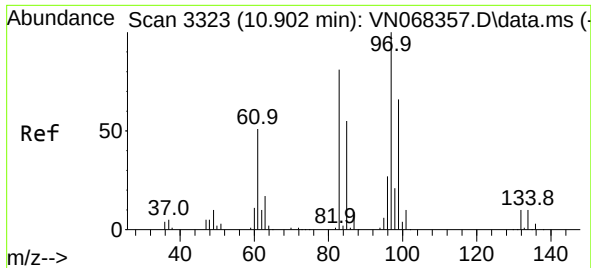
Tgt Ion: 75 Resp: 8401  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.994 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. -0.000 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion: 75 Resp: 8838  
 Ion Ratio Lower Upper  
 75 100  
 77 29.7 25.4 38.0  
 39 46.7 35.0 52.4

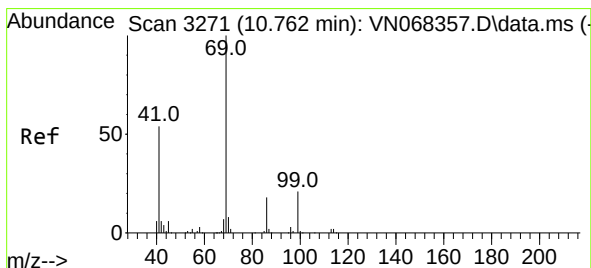
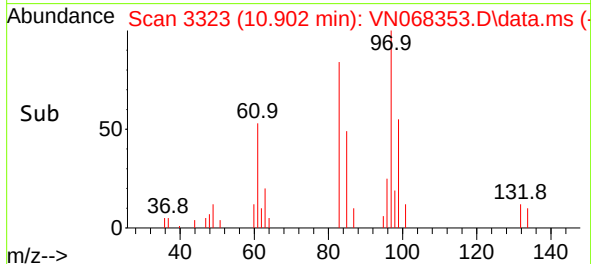
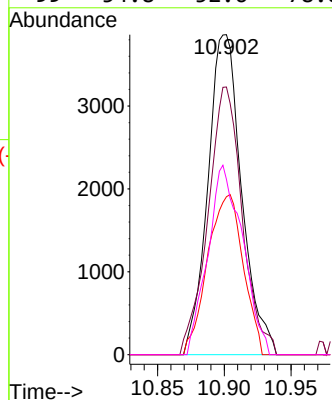
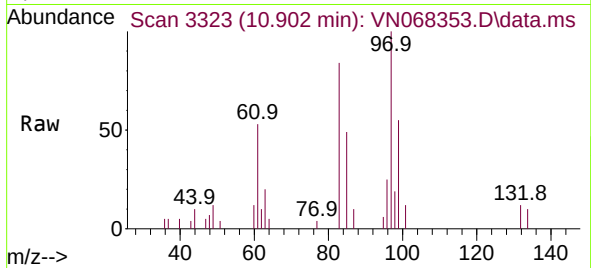




#55  
1,1,2-Trichloroethane  
Concen: 1.066 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

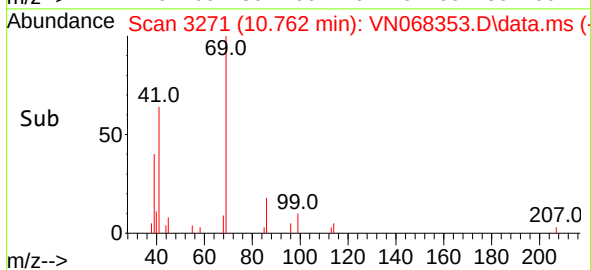
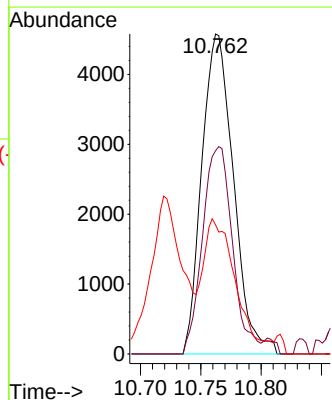
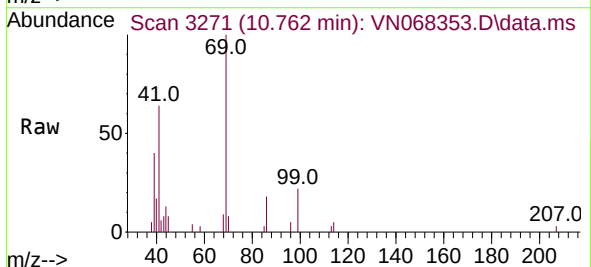
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 6792  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.7  | 64.9  | 97.3  |
| 85       | 49.4  | 43.8  | 65.6  |
| 99       | 54.8  | 52.6  | 78.8  |

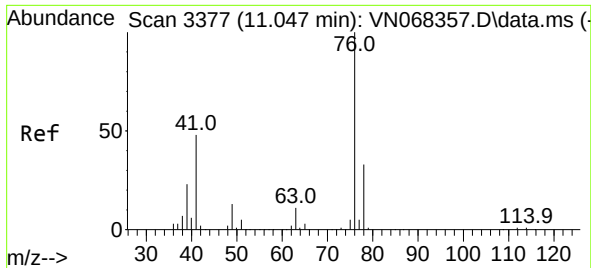


#56  
Ethyl methacrylate  
Concen: 1.020 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 8358  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.5  | 43.0  | 64.6  |
| 39       | 43.4  | 28.2  | 42.2  |



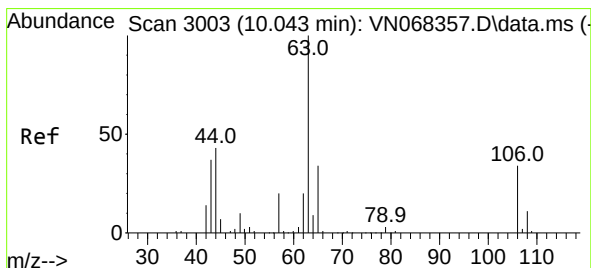
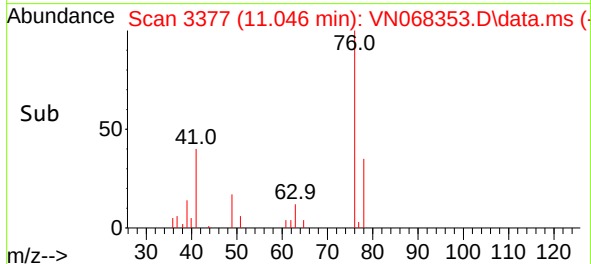
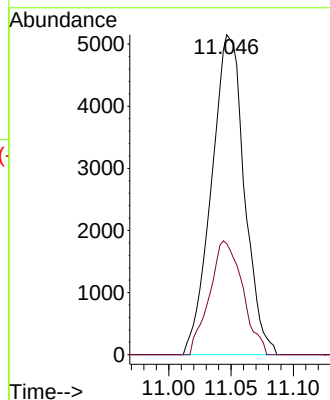
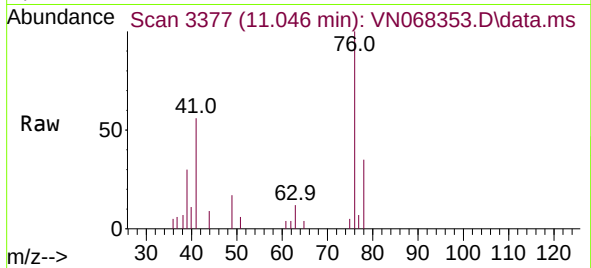




#57  
1,3-Dichloropropane  
Concen: 0.996 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

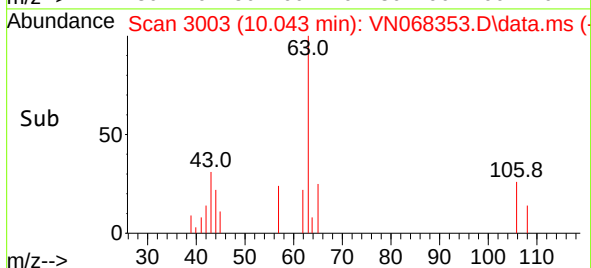
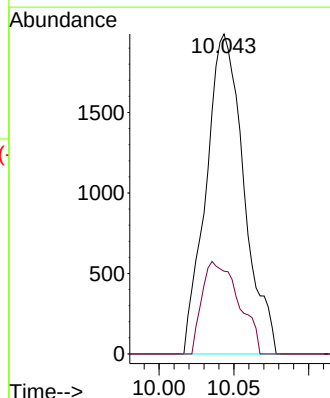
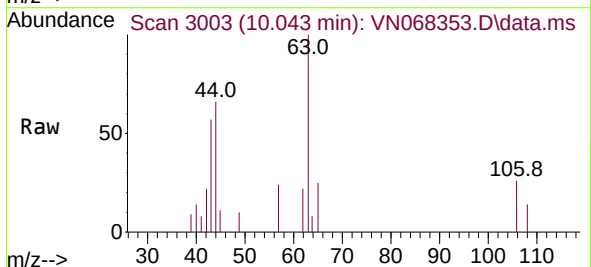
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

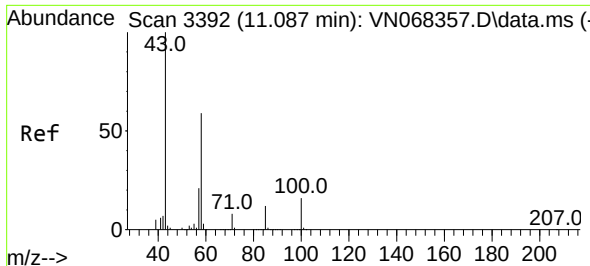
Tgt Ion: 76 Resp: 9476  
Ion Ratio Lower Upper  
76 100  
78 35.7 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 2.954 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 63 Resp: 3495  
Ion Ratio Lower Upper  
63 100  
106 28.0 27.3 40.9

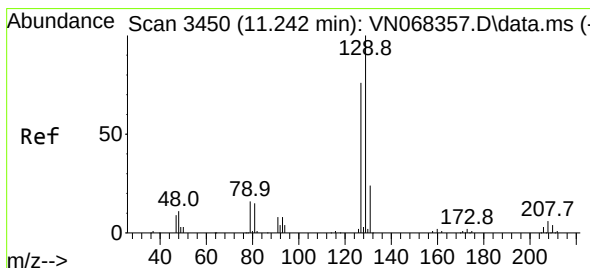
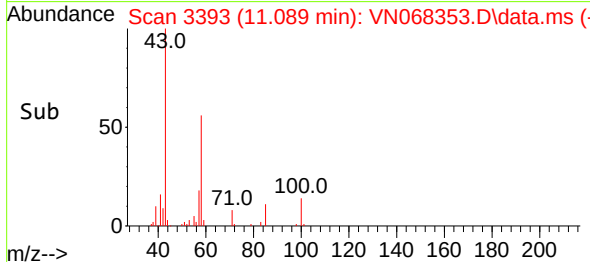
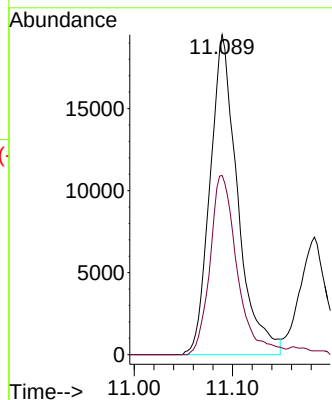
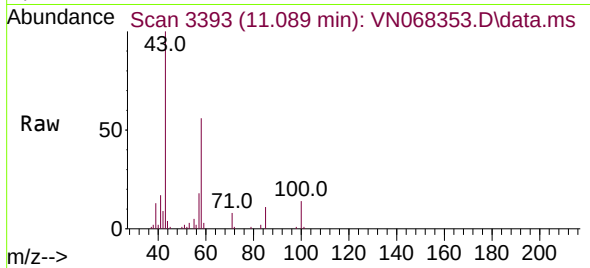




#59  
2-Hexanone  
Concen: 7.664 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

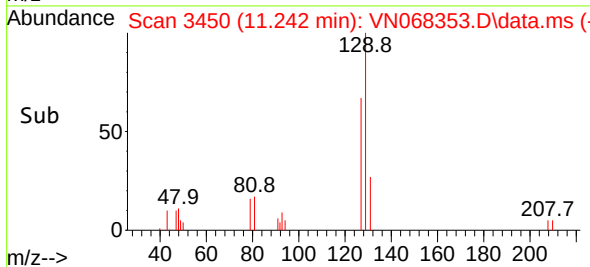
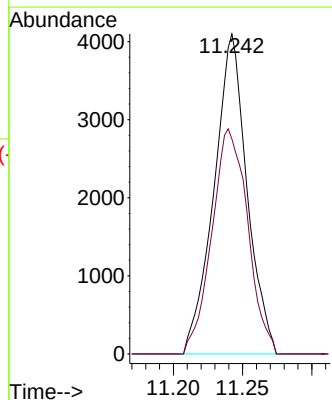
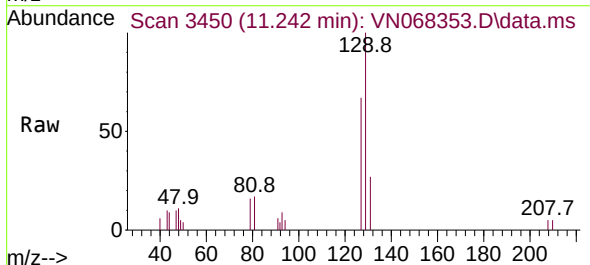
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ClientSampleId :  
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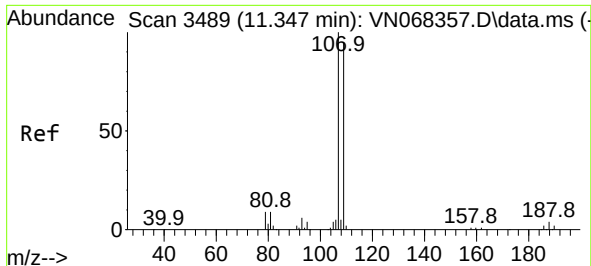
Tgt Ion: 43 Resp: 38037  
Ion Ratio Lower Upper  
43 100  
58 55.2 29.8 89.4



#60  
Dibromochloromethane  
Concen: 0.931 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 129 Resp: 6797  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.4 115.2

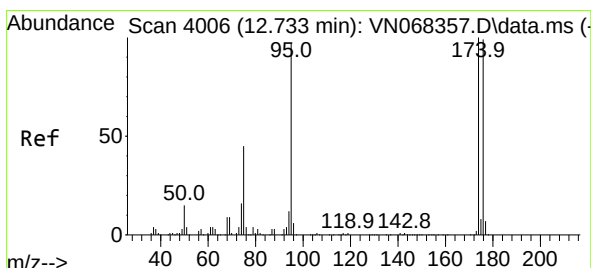
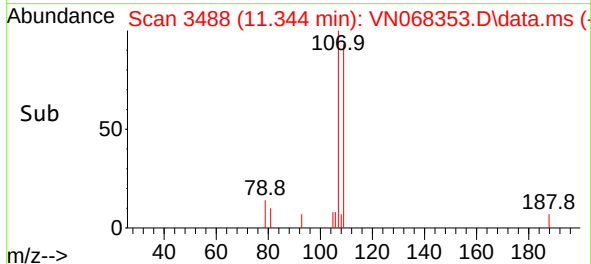
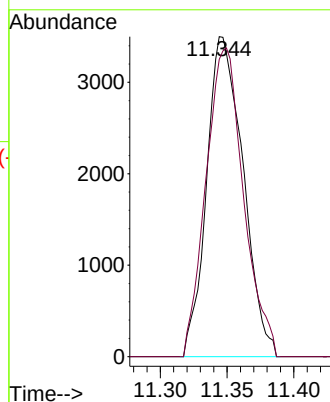
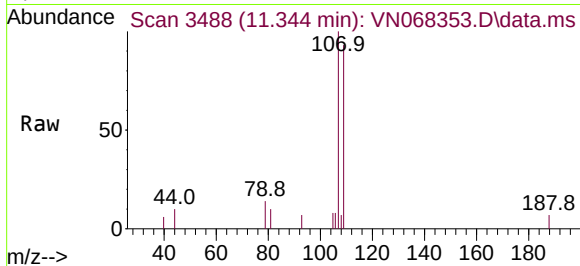




#61  
1,2-Dibromoethane  
Concen: 0.984 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

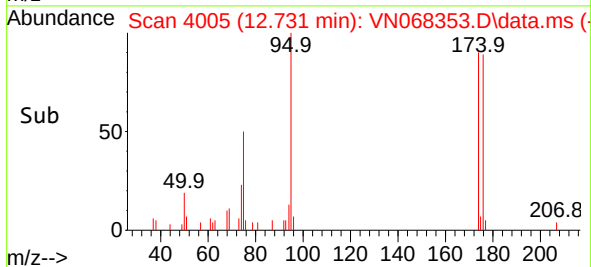
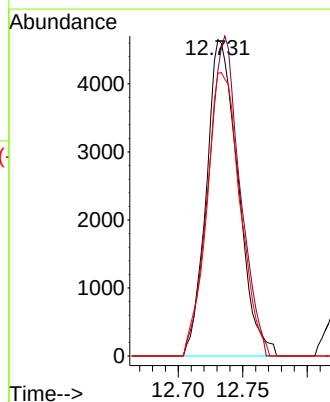
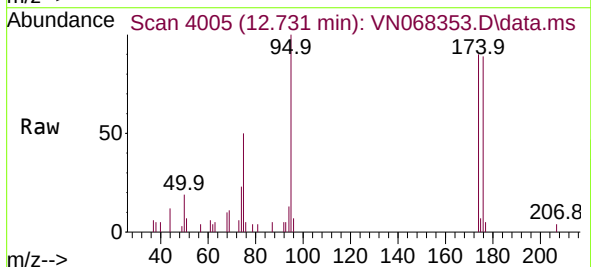
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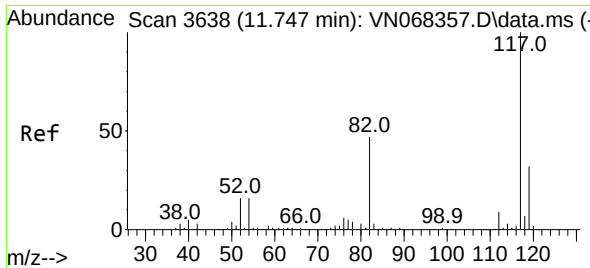
Tgt Ion:107 Resp: 6639  
Ion Ratio Lower Upper  
107 100  
109 99.6 76.2 114.4



#62  
4-Bromofluorobenzene  
Concen: 1.072 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 95 Resp: 7933  
Ion Ratio Lower Upper  
95 100  
174 101.0 0.0 211.4  
176 94.5 0.0 205.4

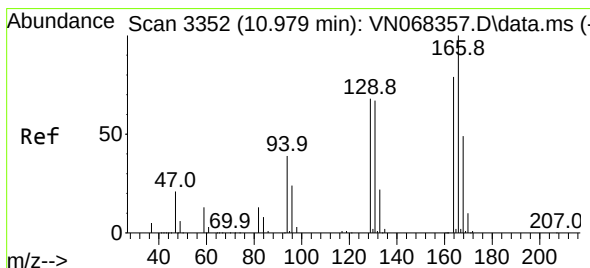
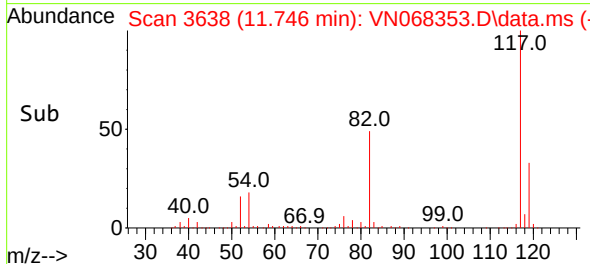
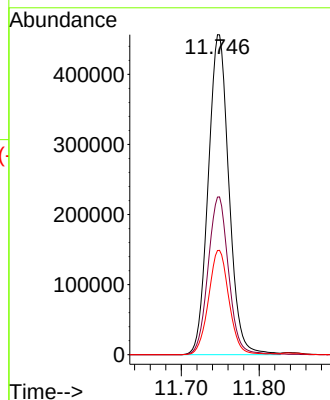
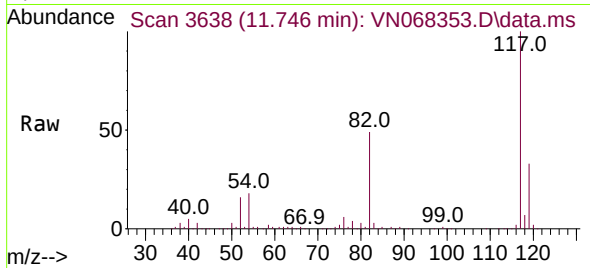




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

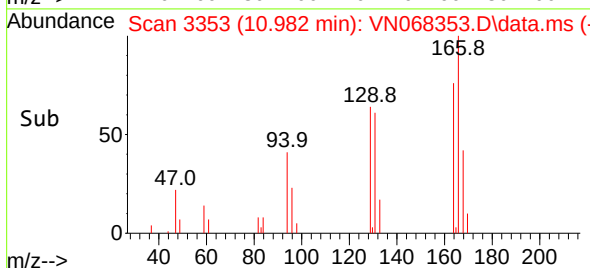
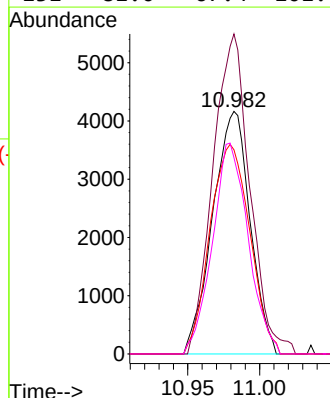
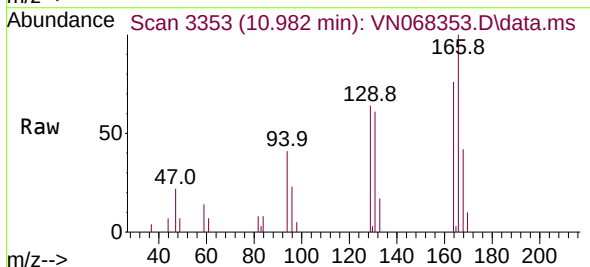
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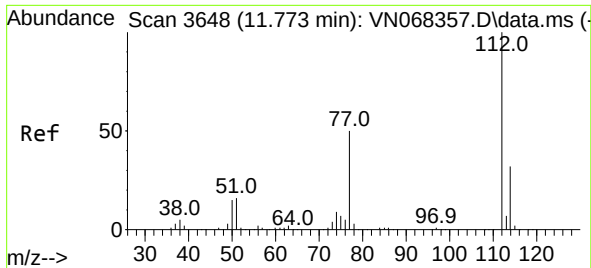
Tgt Ion:117 Resp: 843576  
Ion Ratio Lower Upper  
117 100  
82 49.2 37.8 56.6  
119 32.5 26.0 39.0



#64  
Tetrachloroethene  
Concen: 1.127 ug/l  
RT: 10.982 min Scan# 3353  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:164 Resp: 7532  
Ion Ratio Lower Upper  
164 100  
166 131.9 101.0 151.4  
129 84.2 68.9 103.3  
131 81.0 67.4 101.0

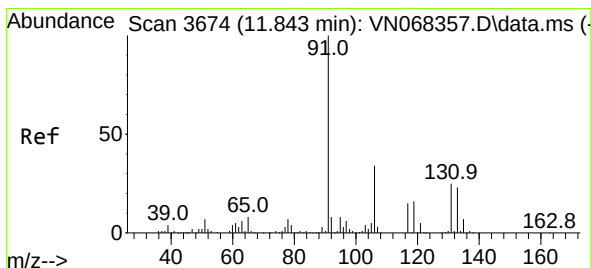
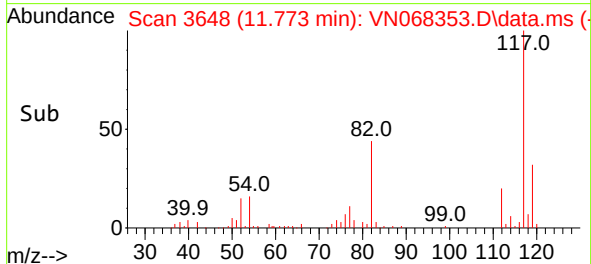
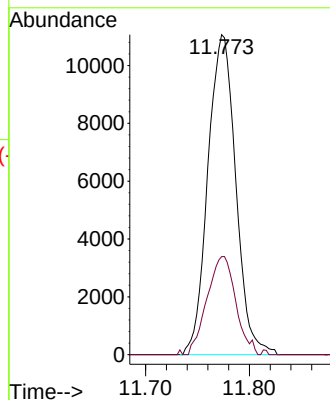
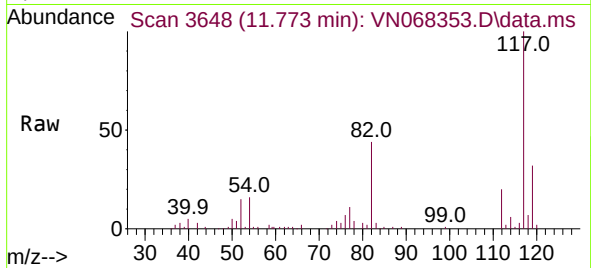




#65  
Chlorobenzene  
Concen: 1.176 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

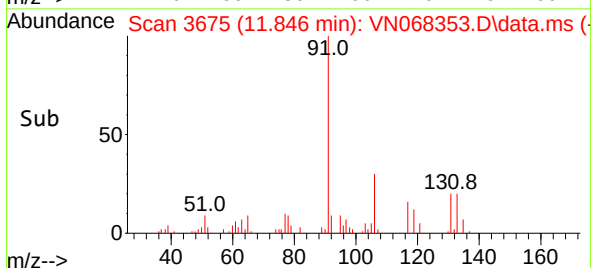
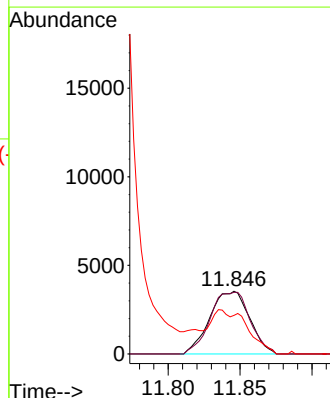
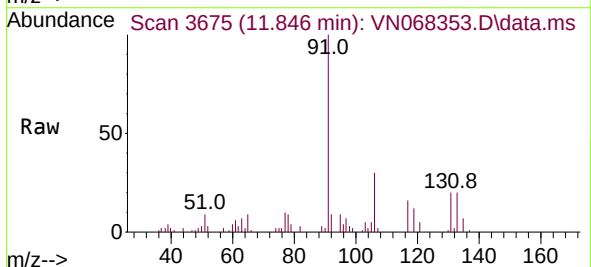
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ClientSampleId :  
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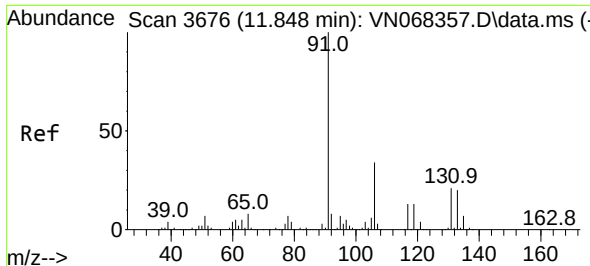
Tgt Ion:112 Resp: 20672  
Ion Ratio Lower Upper  
112 100  
114 30.7 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.011 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:131 Resp: 6794  
Ion Ratio Lower Upper  
131 100  
133 99.0 47.6 142.9  
119 0.0 31.9 95.9#

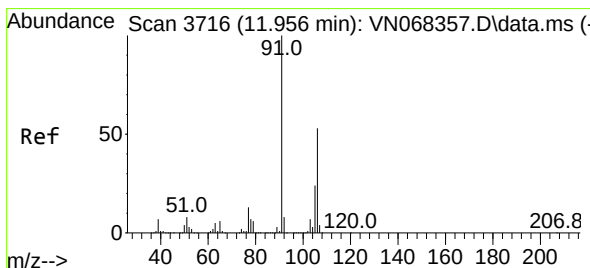
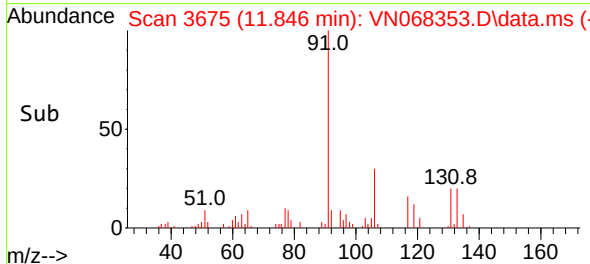
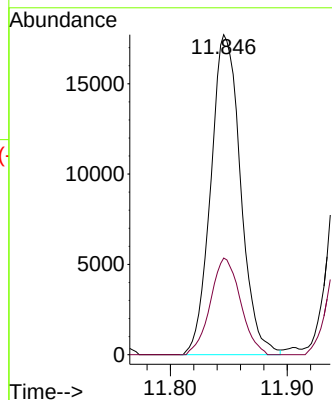
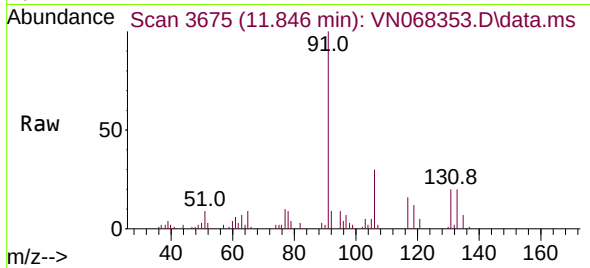




#67  
Ethyl Benzene  
Concen: 1.102 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

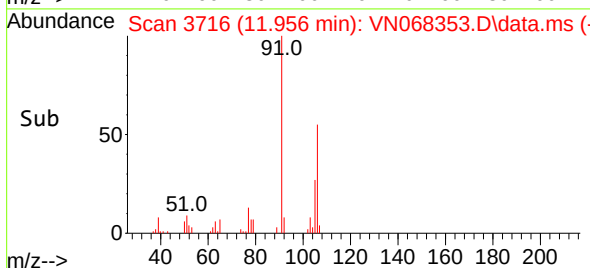
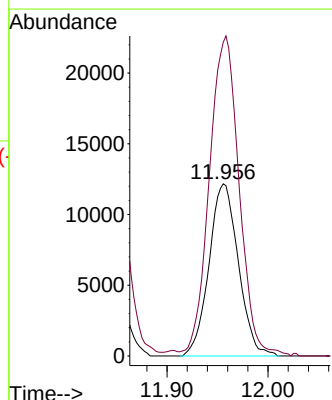
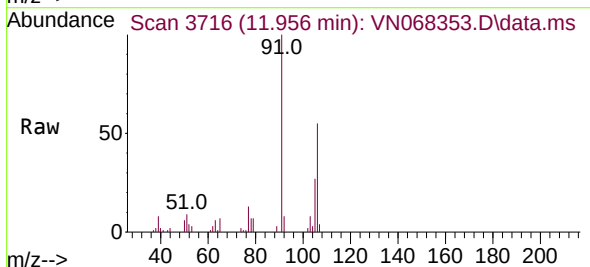
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ClientSampleId :  
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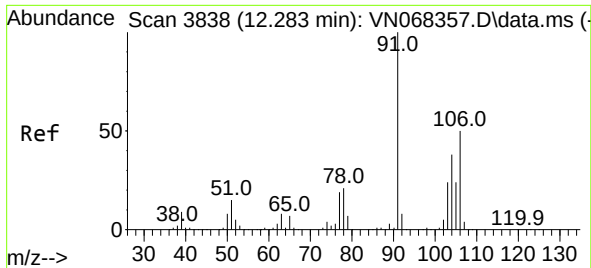
Tgt Ion: 91 Resp: 31406  
Ion Ratio Lower Upper  
91 100  
106 30.2 27.4 41.0



#68  
m/p-Xylenes  
Concen: 2.128 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 106 Resp: 24554  
Ion Ratio Lower Upper  
106 100  
91 188.9 151.4 227.2

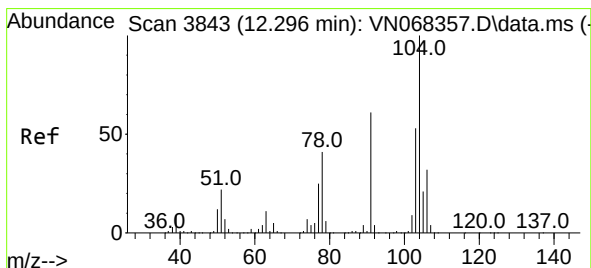
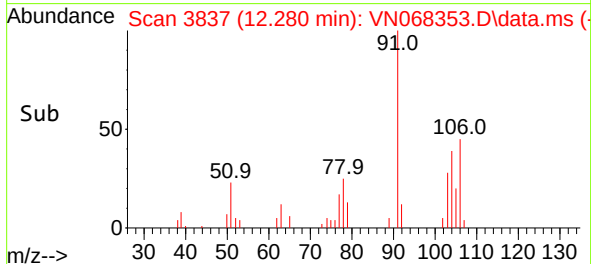
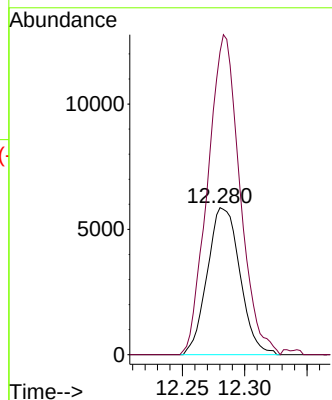
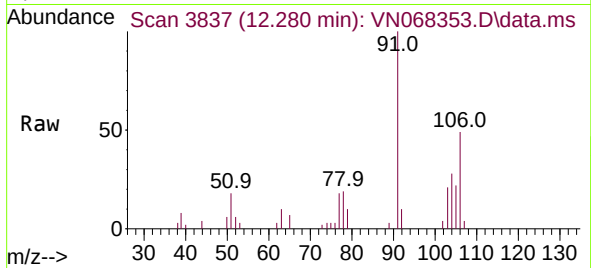




#69  
o-Xylene  
Concen: 0.970 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

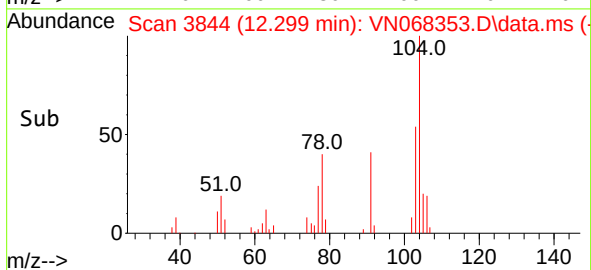
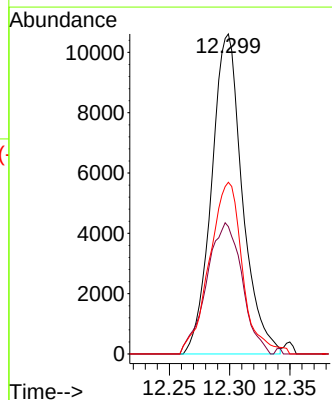
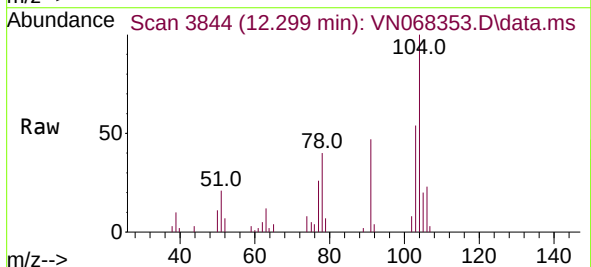
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ClientSampleId :  
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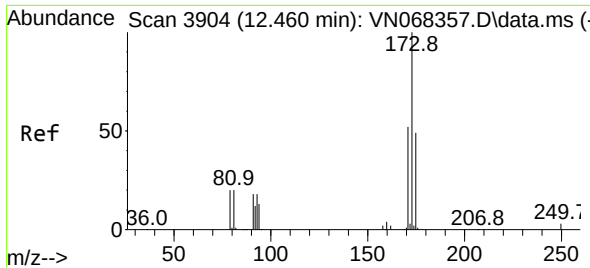
Tgt Ion:106 Resp: 10688  
Ion Ratio Lower Upper  
106 100  
91 214.0 99.4 298.2



#70  
Styrene  
Concen: 1.058 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:104 Resp: 18875  
Ion Ratio Lower Upper  
104 100  
78 47.0 35.9 53.9  
103 57.6 44.8 67.2

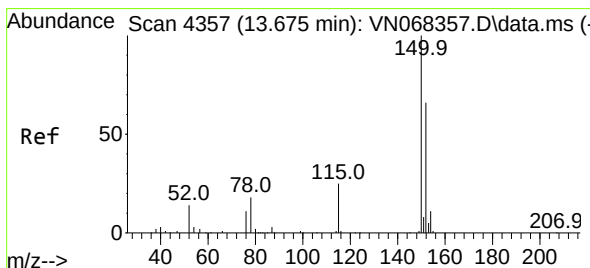
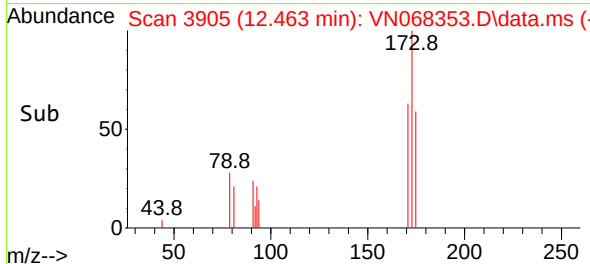
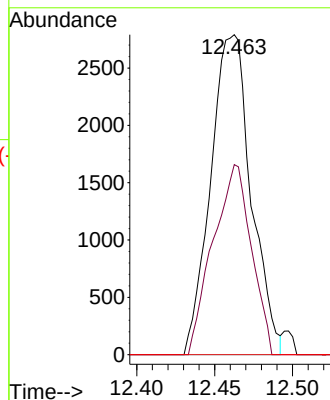
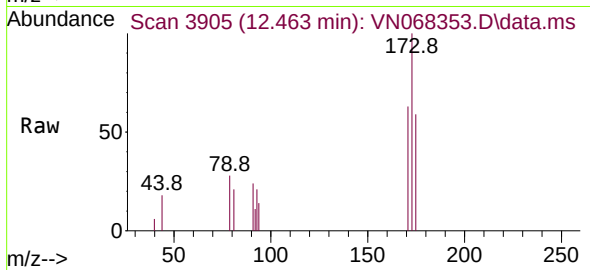




#71  
Bromoform  
Concen: 0.924 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

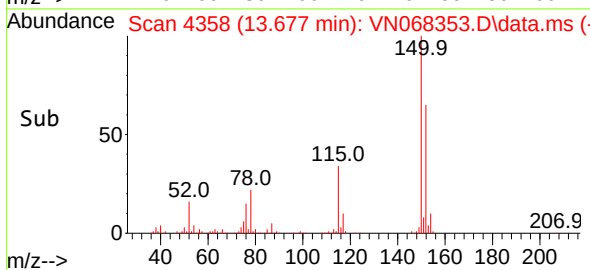
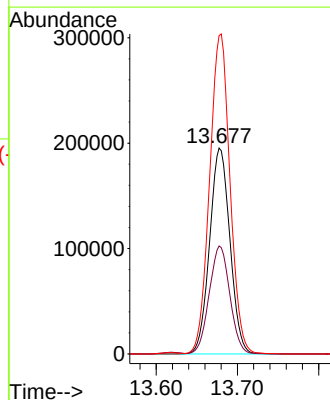
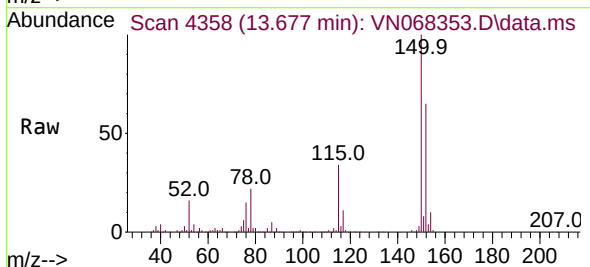
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:173 Resp: 5048  
Ion Ratio Lower Upper  
173 100  
175 56.2 24.0 72.0  
254 0.0 0.0 0.0

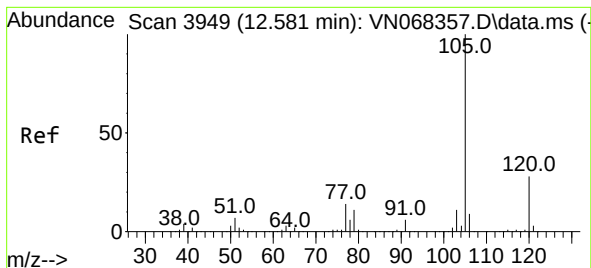


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:152 Resp: 339469  
Ion Ratio Lower Upper  
152 100  
115 53.2 26.1 78.3  
150 155.9 0.0 348.4



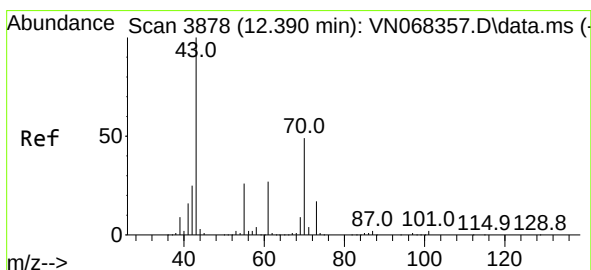
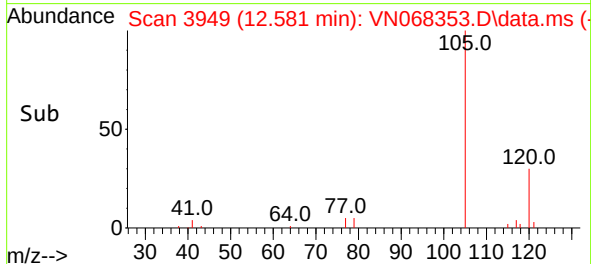
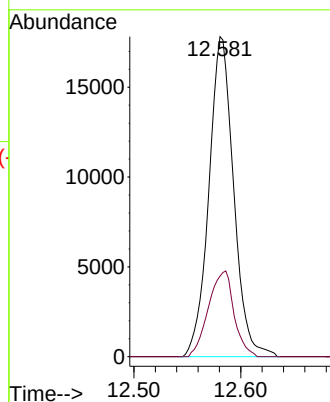
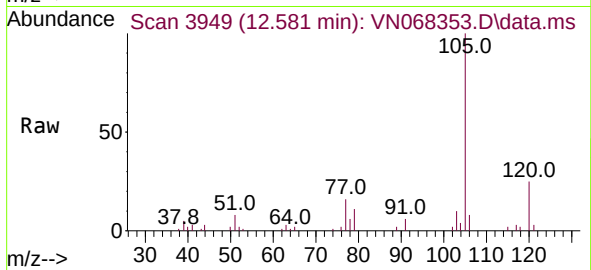




#73  
Isopropylbenzene  
Concen: 1.147 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

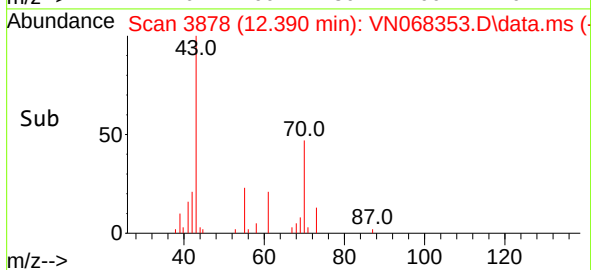
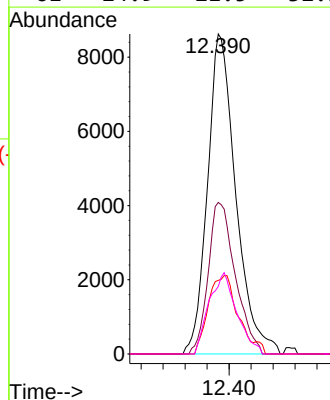
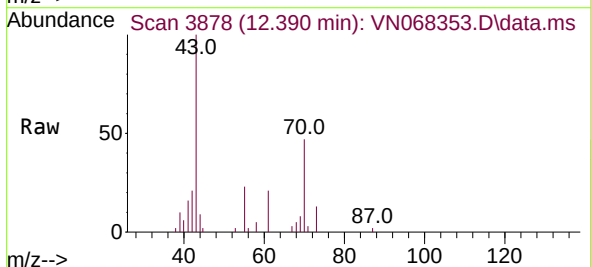
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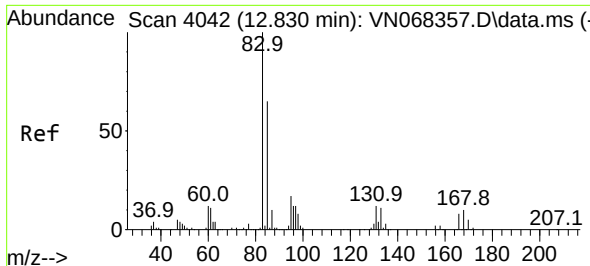
Tgt Ion:105 Resp: 28697  
Ion Ratio Lower Upper  
105 100  
120 27.6 14.1 42.2



#74  
N-ethyl acetate  
Concen: 2.022 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 43 Resp: 15407  
Ion Ratio Lower Upper  
43 100  
70 45.3 39.2 58.8  
55 26.0 21.0 31.4  
61 24.9 21.5 32.3

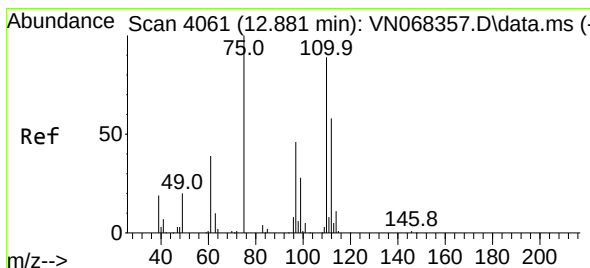
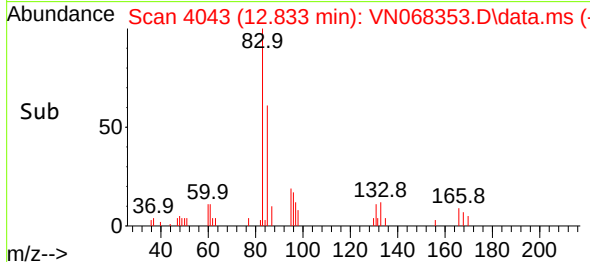
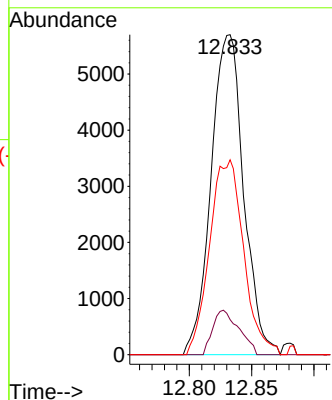
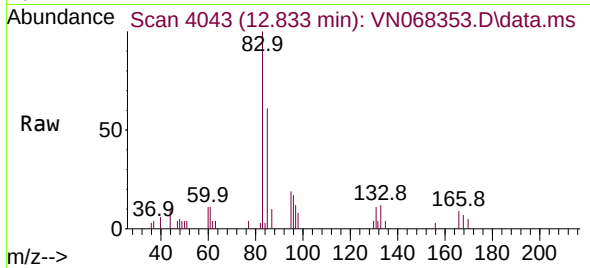




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 1.373 ug/l  
 RT: 12.833 min Scan# 4043  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

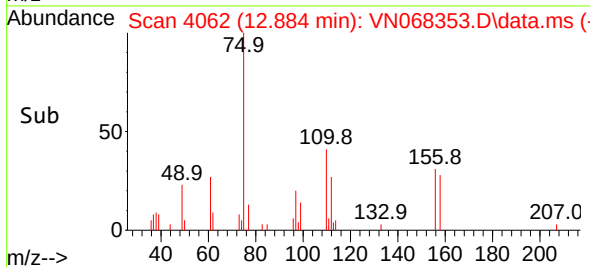
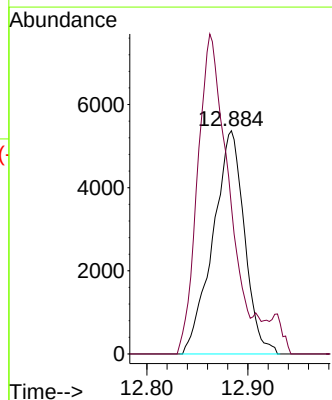
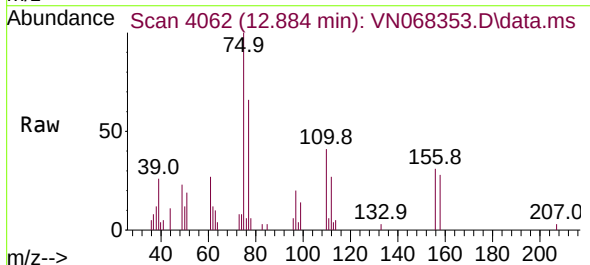
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 ClientSampleId :  
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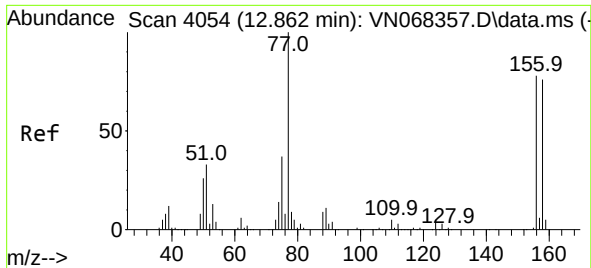
Tgt Ion: 83 Resp: 10384  
 Ion Ratio Lower Upper  
 83 100  
 131 11.1 6.1 18.3  
 85 63.4 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 2.159 ug/l  
 RT: 12.884 min Scan# 4062  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion: 75 Resp: 11638  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 108.3 324.9#

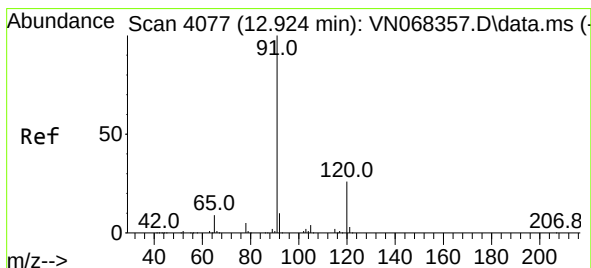
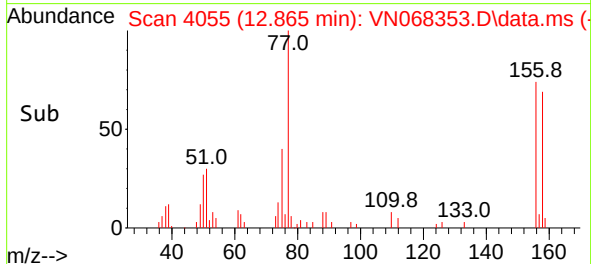
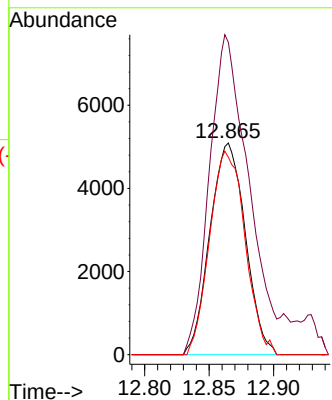
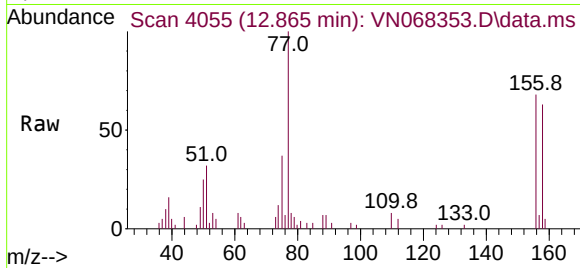




#77  
Bromobenzene  
Concen: 1.339 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

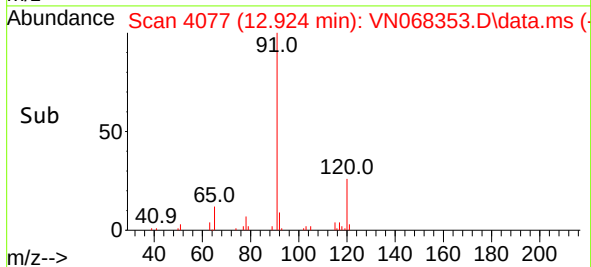
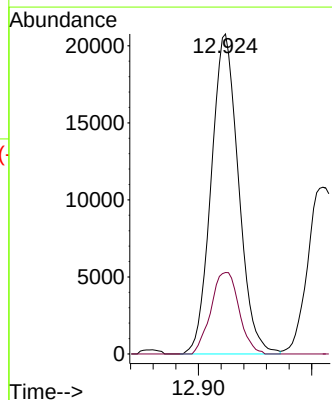
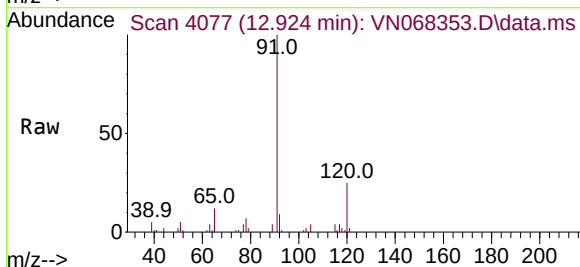
Instrument :  
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ClientSampleId :  
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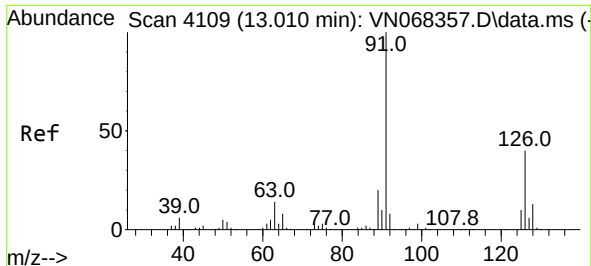
Tgt Ion:156 Resp: 9726  
Ion Ratio Lower Upper  
156 100  
77 166.6 75.0 225.2  
158 96.0 48.9 146.7



#78  
n-propylbenzene  
Concen: 1.273 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 91 Resp: 34767  
Ion Ratio Lower Upper  
91 100  
120 26.2 13.1 39.3

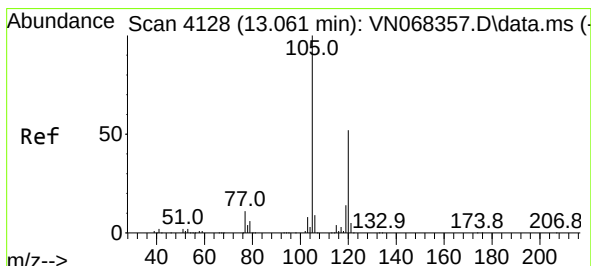
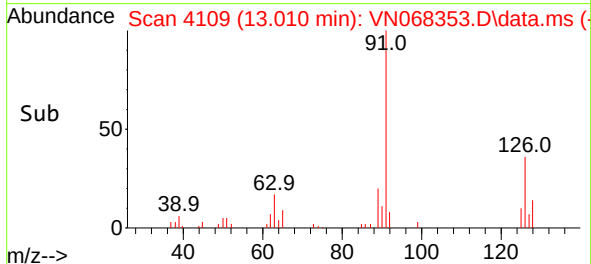
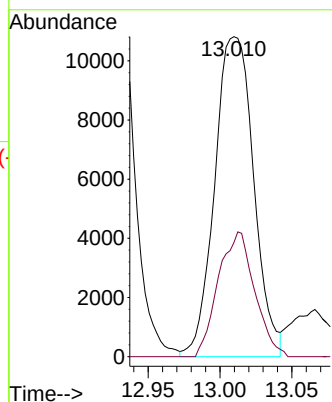
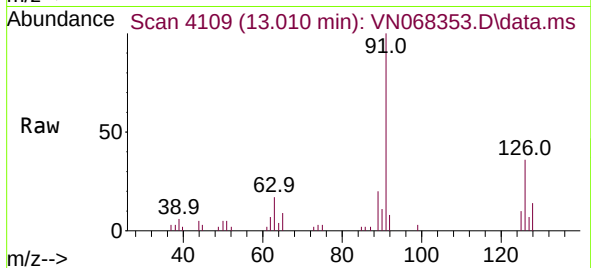




#79  
2-Chlorotoluene  
Concen: 1.232 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

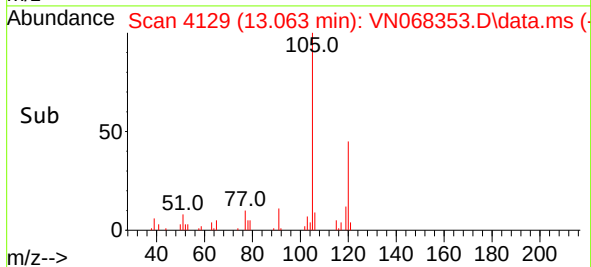
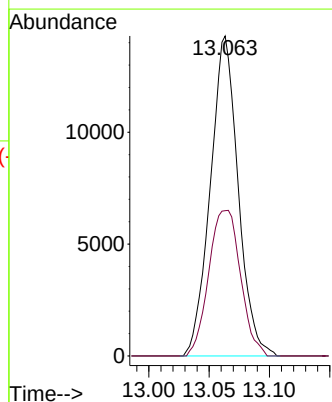
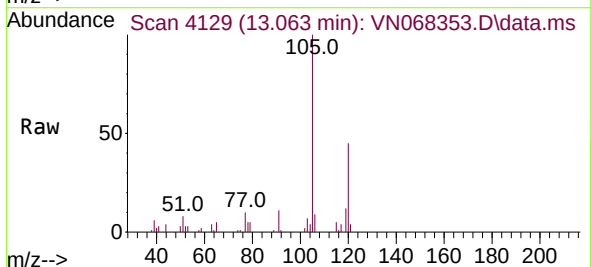
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

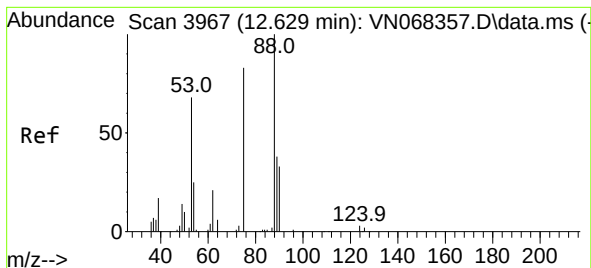
Tgt Ion: 91 Resp: 20419  
Ion Ratio Lower Upper  
91 100  
126 36.3 20.1 60.2



#80  
1,3,5-Trimethylbenzene  
Concen: 1.116 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 105 Resp: 22996  
Ion Ratio Lower Upper  
105 100  
120 51.8 25.9 77.6

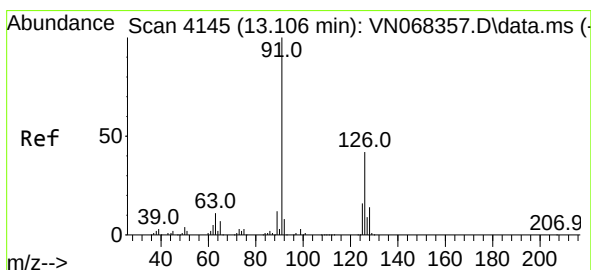
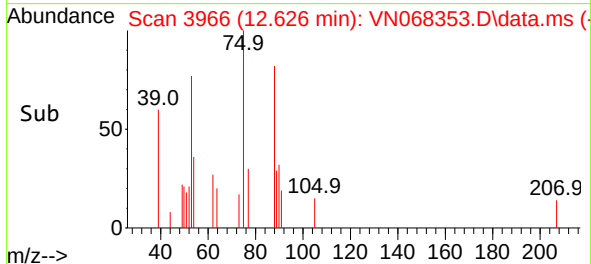
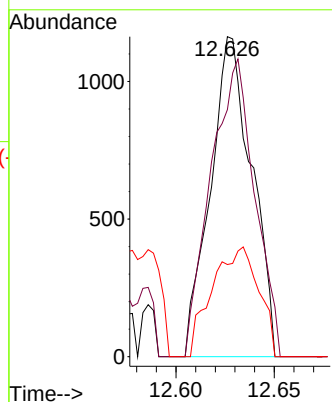
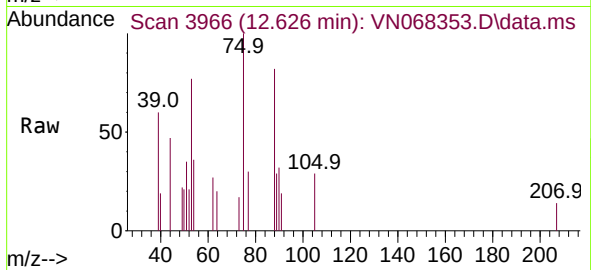




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.968 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

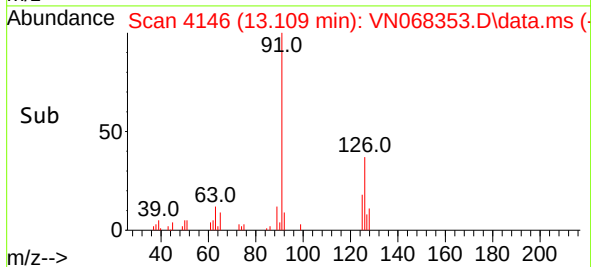
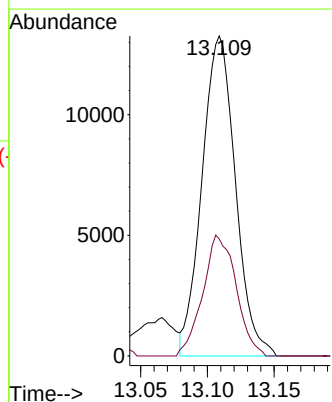
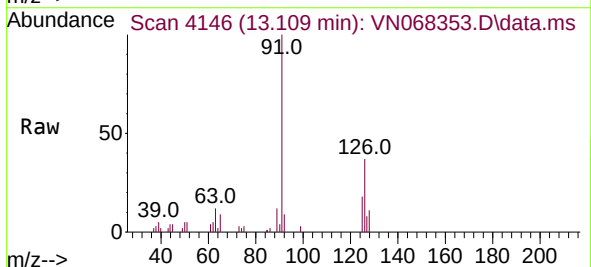
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

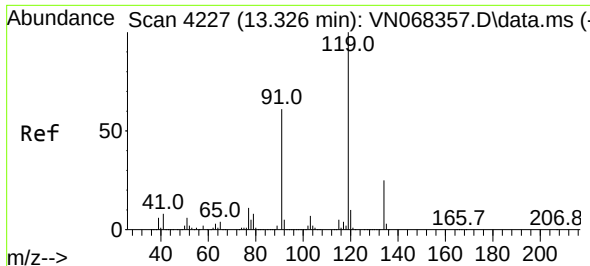
Tgt Ion: 75 Resp: 1697  
Ion Ratio Lower Upper  
75 100  
53 98.9 69.4 104.2  
89 38.7 39.8 59.6#



#82  
4-Chlorotoluene  
Concen: 1.399 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 91 Resp: 23104  
Ion Ratio Lower Upper  
91 100  
126 37.6 19.7 59.1

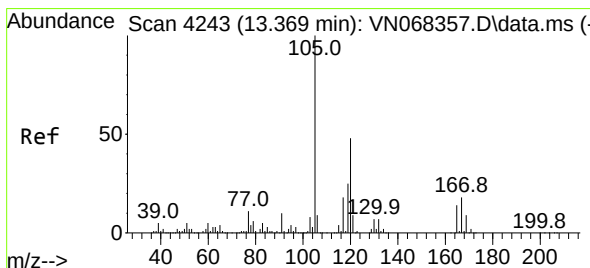
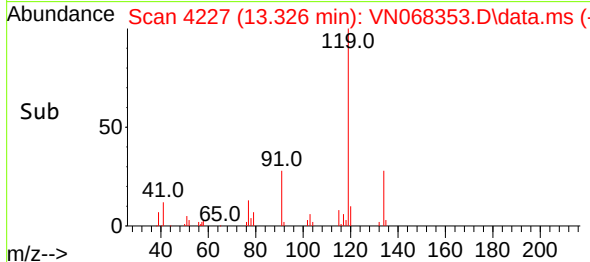
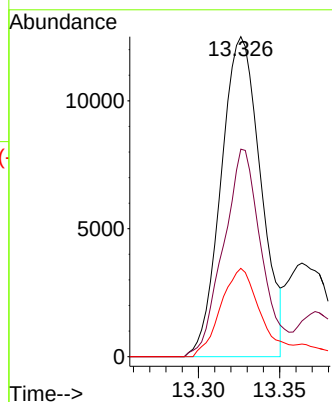
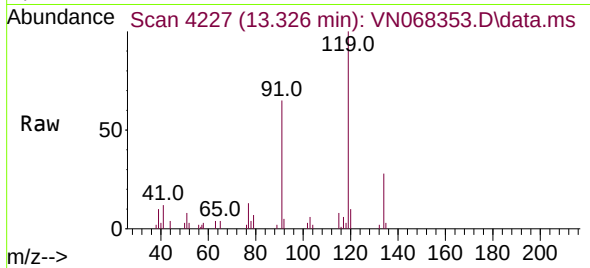




#83  
tert-Butylbenzene  
Concen: 1.141 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

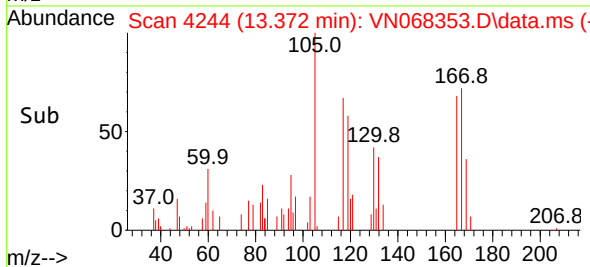
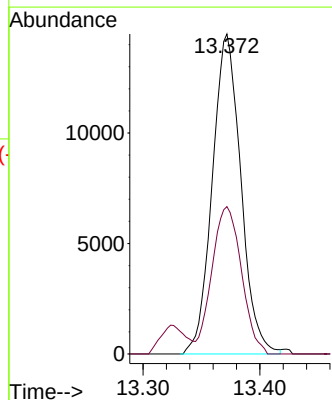
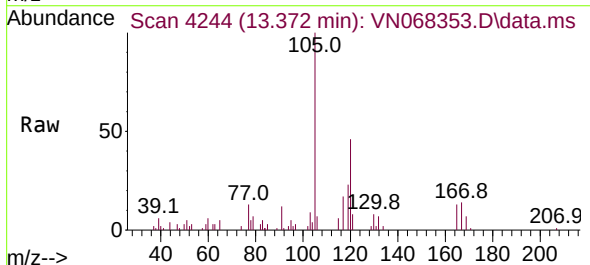
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

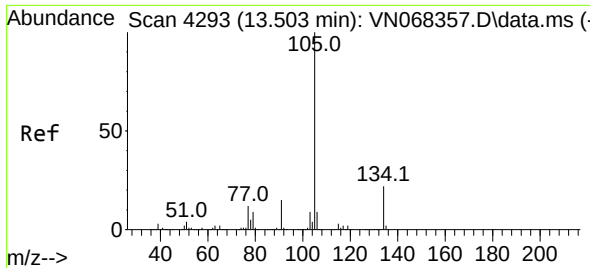
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 21267 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 62.0  | 29.6  | 88.8  |
| 134      | 27.6  | 13.8  | 41.4  |



#84  
1,2,4-Trimethylbenzene  
Concen: 1.203 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 24582 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 47.5  | 23.9  | 71.8  |

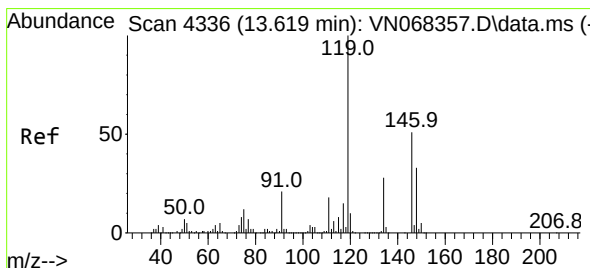
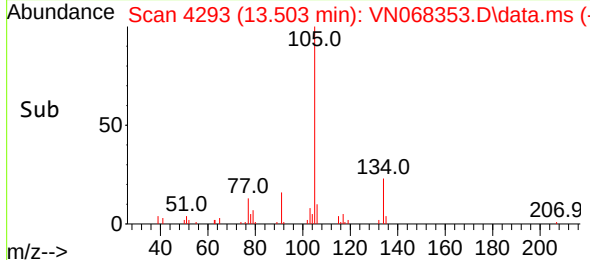
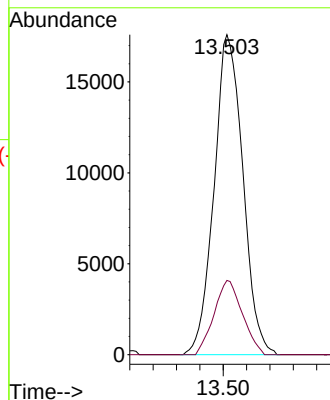
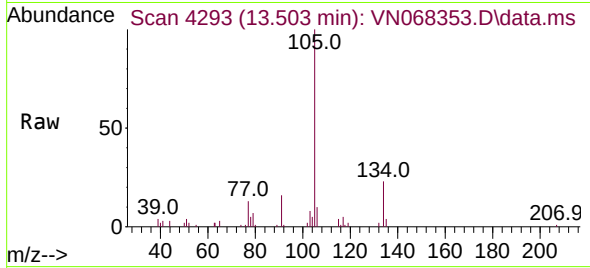




#85  
 sec-Butylbenzene  
 Concen: 1.194 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. -0.000 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

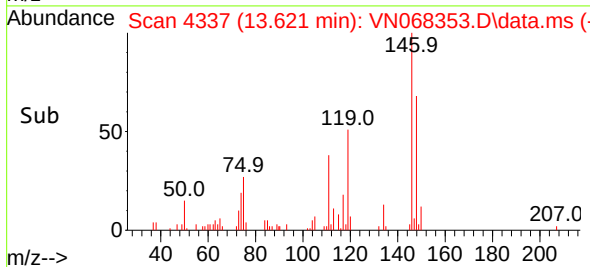
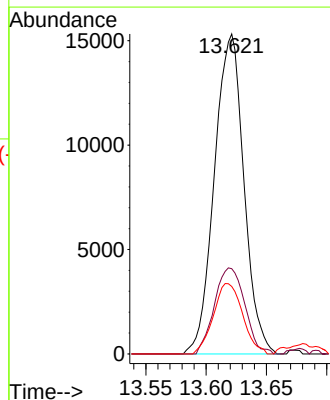
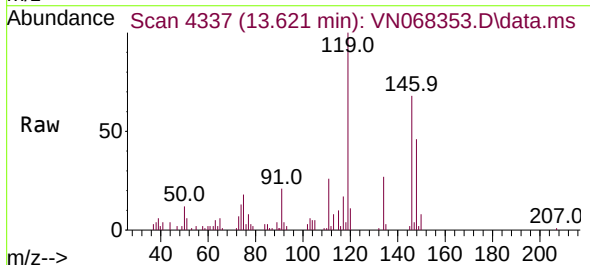
Instrument :  
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 ClientSampleId :  
 VSTDIC001

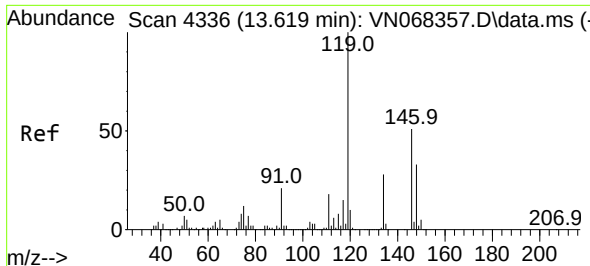
Tgt Ion:105 Resp: 30125  
 Ion Ratio Lower Upper  
 105 100  
 134 22.7 11.1 33.1



#86  
 p-Isopropyltoluene  
 Concen: 1.235 ug/l  
 RT: 13.621 min Scan# 4337  
 Delta R.T. 0.003 min  
 Lab File: VN068353.D  
 Acq: 30 Aug 2021 12:31

Tgt Ion:119 Resp: 26075  
 Ion Ratio Lower Upper  
 119 100  
 134 27.7 13.9 41.6  
 91 21.8 10.9 32.6

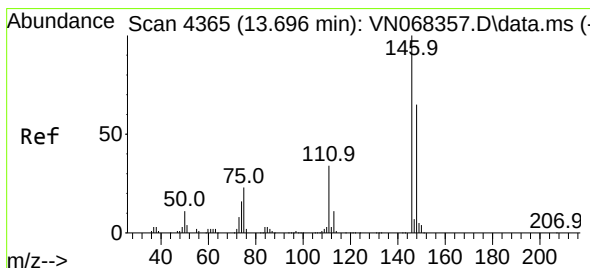
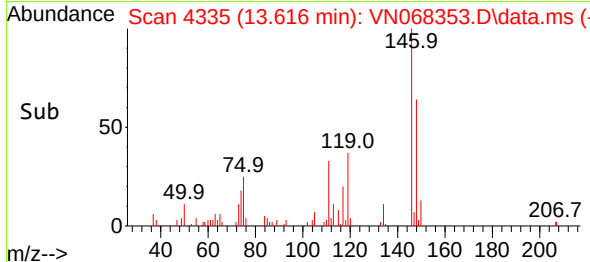
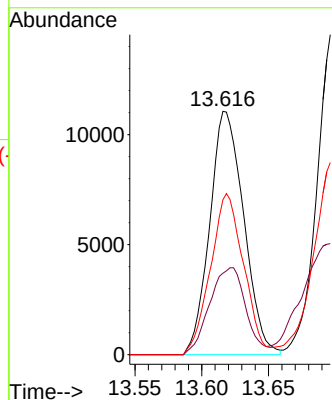
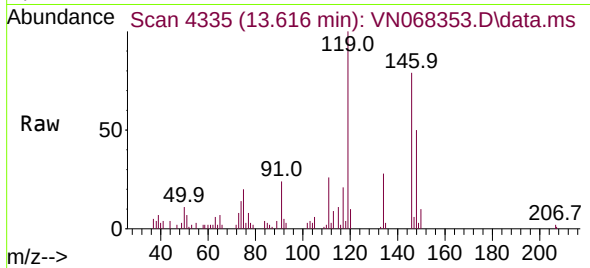




#87  
1,3-Dichlorobenzene  
Concen: 1.524 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

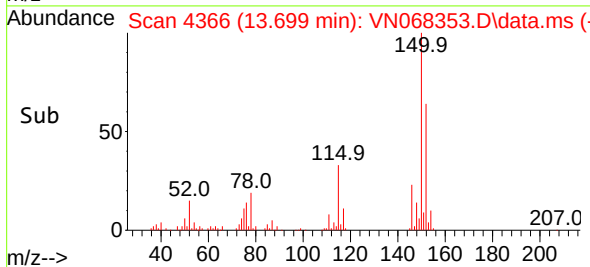
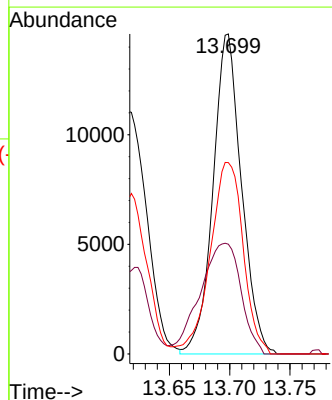
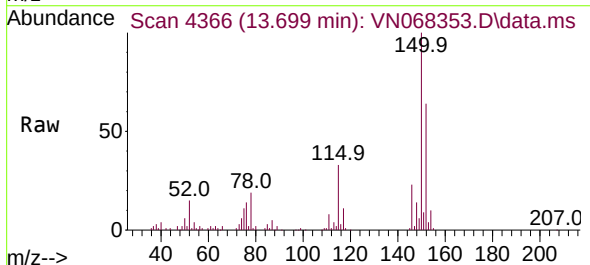
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:146 Resp: 19594  
Ion Ratio Lower Upper  
146 100  
111 37.8 17.6 52.8  
148 64.2 32.0 96.2

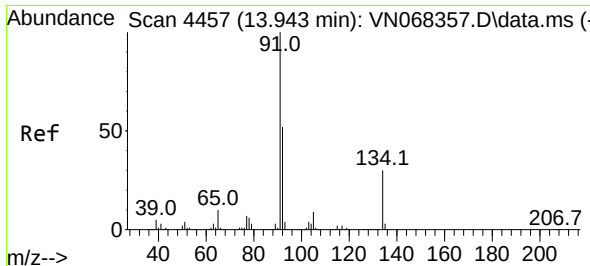


#88  
1,4-Dichlorobenzene  
Concen: 1.785 ug/l  
RT: 13.699 min Scan# 4366  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:146 Resp: 23955  
Ion Ratio Lower Upper  
146 100  
111 49.8 17.2 51.5  
148 69.2 32.4 97.2



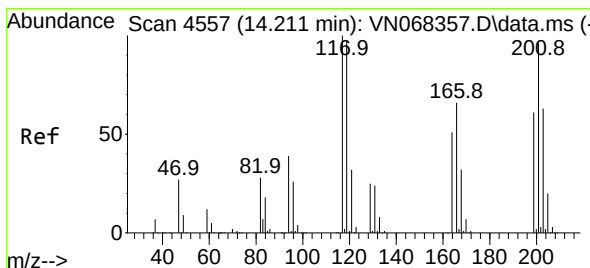
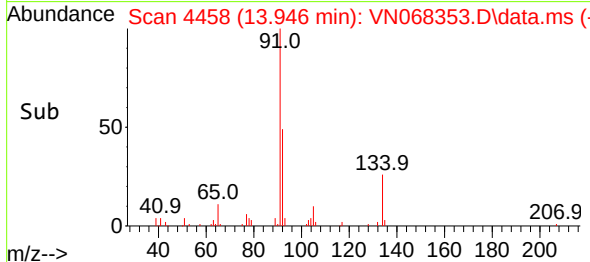
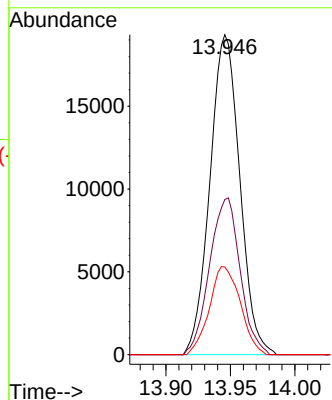
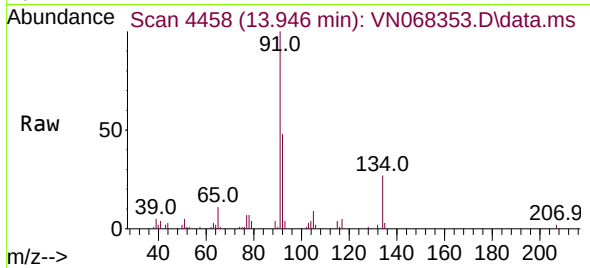




#89  
n-Butylbenzene  
Concen: 1.788 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

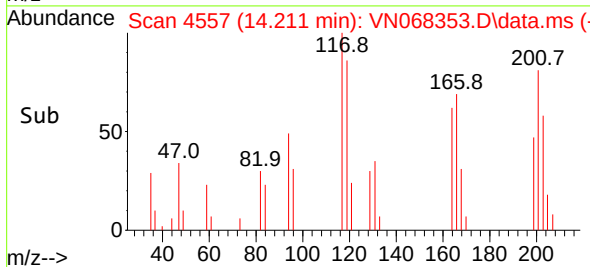
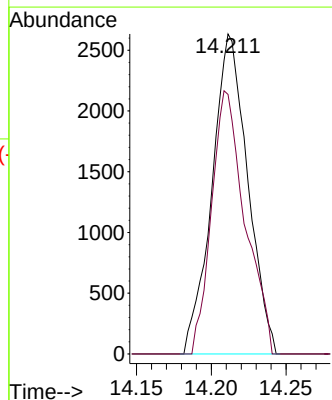
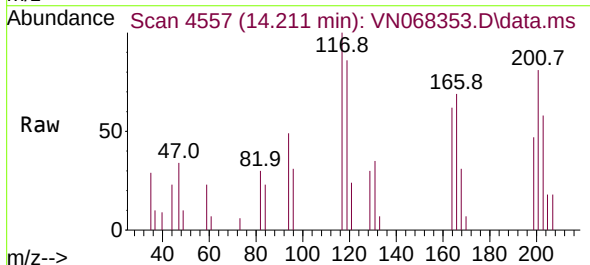
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ClientSampleId :  
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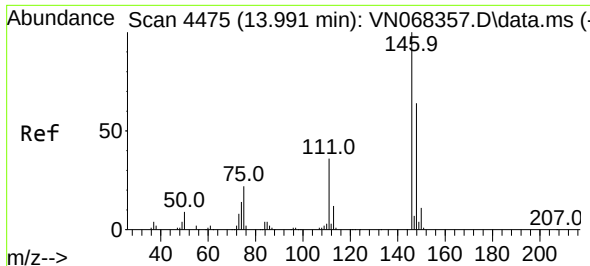
Tgt Ion: 91 Resp: 31110  
Ion Ratio Lower Upper  
91 100  
92 50.2 25.8 77.3  
134 28.5 15.2 45.5



#90  
Hexachloroethane  
Concen: 1.120 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion: 117 Resp: 4368  
Ion Ratio Lower Upper  
117 100  
201 77.3 48.7 146.1

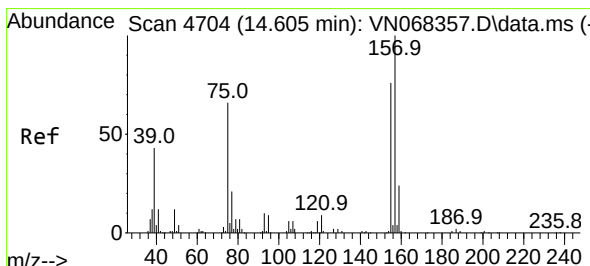
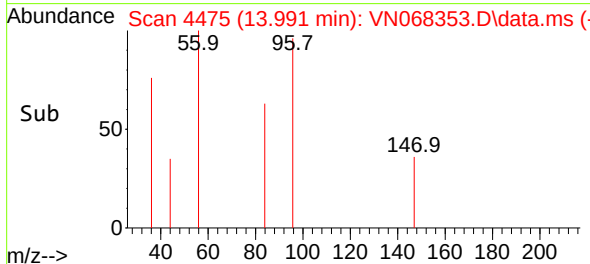
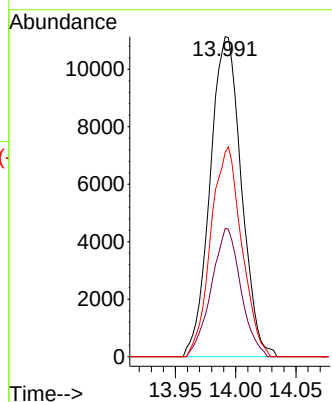
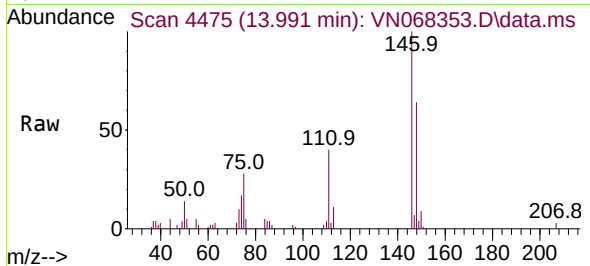




#91  
1,2-Dichlorobenzene  
Concen: 1.606 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

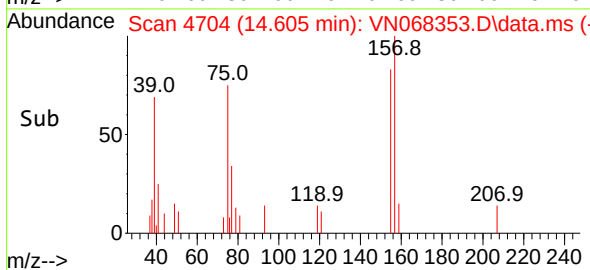
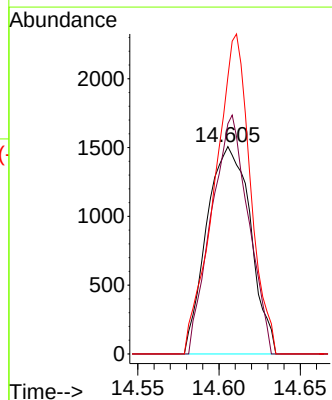
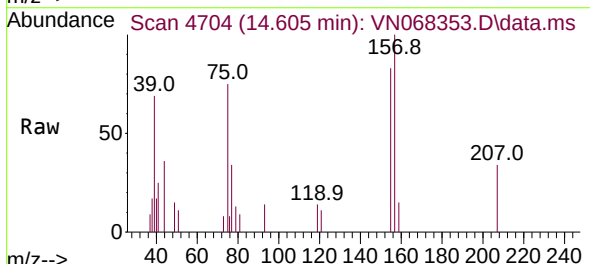
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MSVOA\_N  
ClientSampleId :  
VSTDIC001

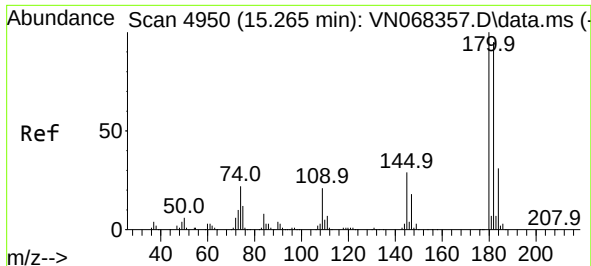
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 20062 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 37.9  | 18.2  | 54.6  |
| 148       | 64.6  | 32.3  | 96.8  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.010 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 2823  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 97.5  | 56.6  | 169.9 |
| 157       | 125.6 | 73.9  | 221.6 |

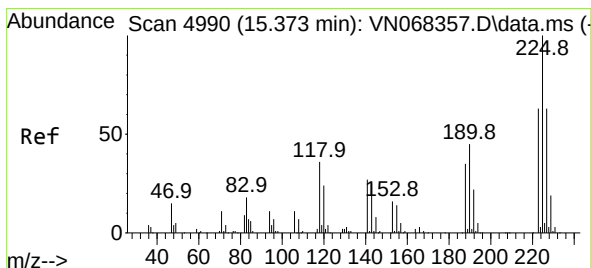
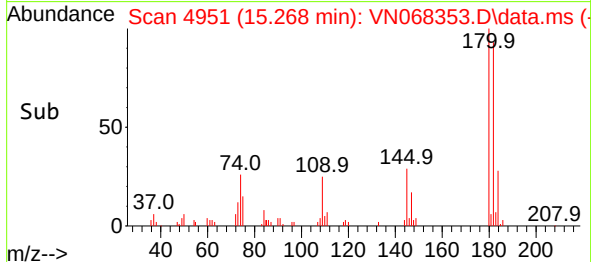
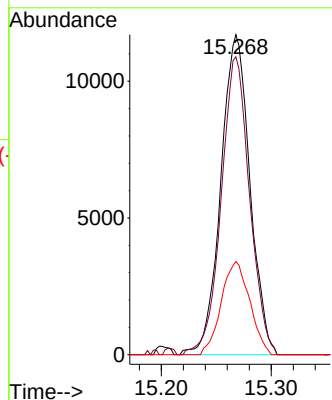
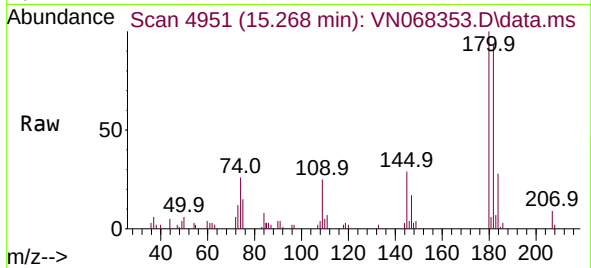




#93  
1,2,4-Trichlorobenzene  
Concen: 2.646 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

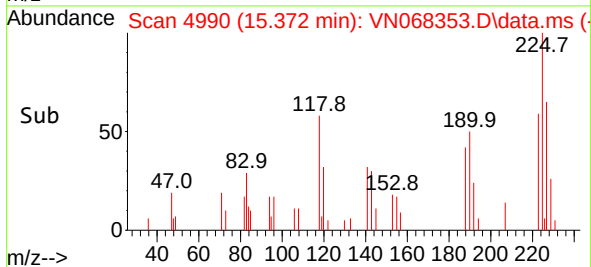
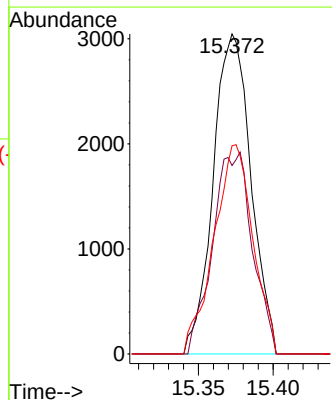
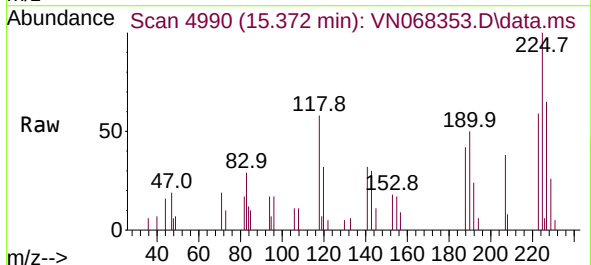
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

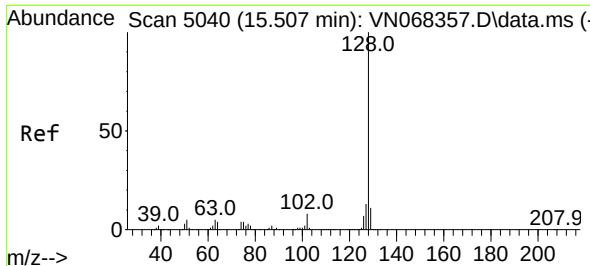
Tgt Ion:180 Resp: 21517  
Ion Ratio Lower Upper  
180 100  
182 90.7 46.9 140.7  
145 28.5 14.1 42.3



#94  
Hexachlorobutadiene  
Concen: 1.490 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Tgt Ion:225 Resp: 5351  
Ion Ratio Lower Upper  
225 100  
223 35.2 31.3 93.8  
227 67.8 31.4 94.2

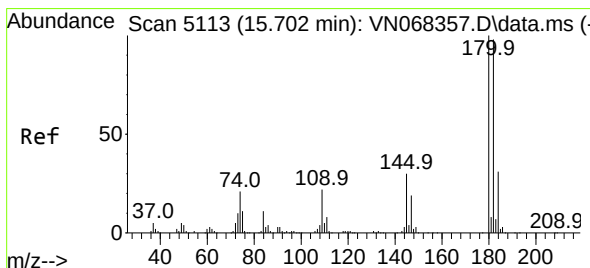
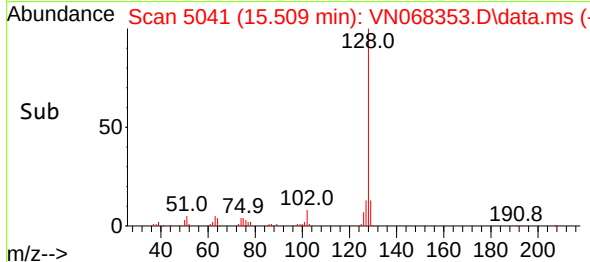
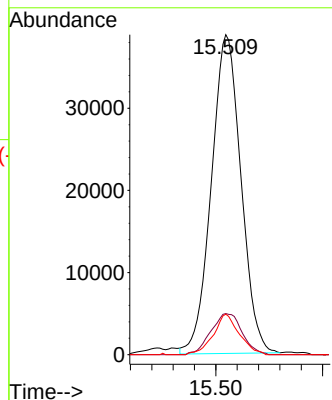
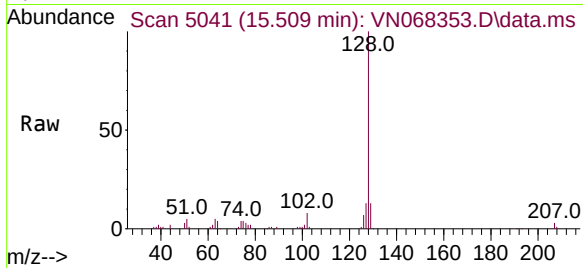




#95  
Naphthalene  
Concen: 3.229 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.003 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 74782 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.6  | 10.6  | 16.0  |
| 129      | 11.1  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 2.895 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.000 min  
Lab File: VN068353.D  
Acq: 30 Aug 2021 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 24631 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.2  | 47.5  | 142.6 |
| 145      | 31.8  | 14.7  | 44.1  |

