

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090821\  
 Data File : VN068431.D  
 Acq On : 8 Sep 2021 11:11  
 Operator : JC/MD  
 Sample : VN0908WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBSD01

Quant Time: Sep 09 03:31:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:24:01 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.662  | 128   | 103040   | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.971  | 114   | 533208   | 30.000   | ug/l       | # 0.00   |
| 57) Chlorobenzene-d5         | 11.747 | 117   | 473108   | 30.000   | ug/l       | # 0.00   |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.440  | 65    | 192288   | 31.477   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 104.933% |          |
| 60) 4-Bromofluorobenzene     | 12.734 | 95    | 202662   | 30.249   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 100.833% |          |
| 63) Toluene-d8               | 10.443 | 98    | 642777   | 30.509   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.700% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.078  | 85    | 100495   | 19.262   | ug/l       | 99       |
| 3) Chloromethane             | 2.309  | 50    | 91438    | 19.370   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.448  | 62    | 145539   | 20.691   | ug/l       | 98       |
| 5) Bromomethane              | 2.859  | 94    | 140567   | 21.794   | ug/l       | 91       |
| 7) Trichlorofluoromethane    | 3.382  | 101   | 184792   | 19.207   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.835  | 74    | 60886    | 19.922   | ug/l       | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 4.218  | 101   | 105866   | 19.353   | ug/l       | 82       |
| 10) 1,1-Dichloroethene       | 4.191  | 96    | 97216    | 18.915   | ug/l       | # 76     |
| 11) Methyl Iodide            | 4.430  | 142   | 151136   | 18.278   | ug/l       | 84       |
| 12) Methyl Acetate           | 4.862  | 43    | 105082   | 20.314   | ug/l       | # 86     |
| 13) Acrolein                 | 4.049  | 56    | 50725    | 109.401  | ug/l       | 98       |
| 14) Acrylonitrile            | 5.557  | 53    | 213032   | 101.555  | ug/l       | 98       |
| 15) Acetone                  | 4.293  | 58    | 60225    | 97.680   | ug/l       | 68       |
| 16) Carbon Disulfide         | 4.540  | 76    | 248756   | 18.521   | ug/l       | 98       |
| 17) Allyl chloride           | 4.849  | 41    | 122875   | 19.517   | ug/l       | 93       |
| 18) Methylene Chloride       | 5.106  | 84    | 110282   | 19.605   | ug/l       | # 79     |
| 19) trans-1,2-Dichloroethene | 5.605  | 96    | 109097   | 19.042   | ug/l       | # 74     |
| 20) Diisopropyl ether        | 6.498  | 45    | 270139   | 19.634   | ug/l       | # 91     |
| 21) 1,1-Dichloroethane       | 6.393  | 63    | 174012   | 19.124   | ug/l       | # 91     |
| 22) cis-1,2-Dichloroethene   | 7.329  | 96    | 128546   | 19.310   | ug/l       | # 78     |
| 23) tert-Butyl Alcohol       | 5.369  | 59    | 81295    | 105.586  | ug/l       | # 100    |
| 24) Methyl tert-Butyl Ether  | 5.621  | 73    | 330801   | 19.810   | ug/l       | # 87     |
| 25) Chloroform               | 7.823  | 83    | 208730   | 19.530   | ug/l       | 100      |
| 26) Cyclohexane              | 8.099  | 56    | 151011   | 18.946   | ug/l       | # 76     |
| 29) 1,1-Dichloropropene      | 8.225  | 75    | 143447   | 18.753   | ug/l       | 91       |
| 30) 2-Butanone               | 7.337  | 43    | 271461   | 99.189   | ug/l       | # 88     |
| 31) 2,2-Dichloropropane      | 7.332  | 77    | 163083   | 18.721   | ug/l       | # 91     |
| 32) 1,1,1-Trichloroethane    | 8.019  | 97    | 193611   | 19.271   | ug/l       | 93       |
| 33) Carbon Tetrachloride     | 8.212  | 117   | 177523   | 19.124   | ug/l       | 95       |
| 34) Benzene                  | 8.464  | 78    | 436669   | 19.313   | ug/l       | # 93     |
| 35) Methacrylonitrile        | 7.640  | 41    | 53963    | 20.183   | ug/l       | 83       |
| 36) 1,2-Dichloroethane       | 8.534  | 62    | 151441   | 20.004   | ug/l       | # 94     |
| 37) Trichloroethene          | 9.217  | 130   | 136491   | 18.885   | ug/l       | # 75     |
| 38) Methylcyclohexane        | 9.464  | 83    | 187397   | 18.872   | ug/l       | 85       |
| 39) 1,2-Dichloropropane      | 9.494  | 63    | 103748   | 19.355   | ug/l       | 95       |
| 40) Dibromomethane           | 9.580  | 93    | 83284    | 19.634   | ug/l       | 76       |
| 41) Bromodichloromethane     | 9.765  | 83    | 160757   | 19.616   | ug/l       | # 99     |
| 42) Vinyl Acetate            | 6.436  | 43    | 903018   | 87.240   | ug/l       | # 86     |
| 43) Ethyl Acetate            | 7.337  | 43    | 271461   | 49.881   | ug/l       | 99       |

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 Sample : VN0908WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBSD01

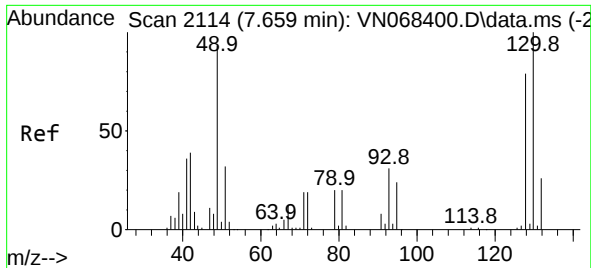
Quant Time: Sep 09 03:31:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 03 13:24:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 8.563  | 43   | 201051   | 20.335  | ug/l   | 94       |
| 45) 1,4-Dioxane               | 9.574  | 88   | 36021    | 407.579 | ug/l   | 87       |
| 46) Methyl methacrylate       | 9.561  | 41   | 76934    | 18.405  | ug/l   | 82       |
| 47) n-amyl Acetate            | 12.390 | 43   | 120144   | 17.761  | ug/l # | 91       |
| 48) t-1,3-Dichloropropene     | 10.719 | 75   | 152165   | 18.867  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.191 | 75   | 169128   | 19.013  | ug/l # | 85       |
| 50) 1,1,2-Trichloroethane     | 10.899 | 97   | 117338   | 19.609  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.762 | 69   | 146135   | 18.995  | ug/l   | 83       |
| 52) 1,3-Dichloropropane       | 11.047 | 76   | 175192   | 19.391  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.240 | 129  | 137891   | 19.121  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.347 | 107  | 122275   | 19.550  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.044 | 63   | 45956    | 91.162  | ug/l # | 92       |
| 56) Bromoform                 | 12.463 | 173  | 96475    | 17.482  | ug/l # | 99       |
| 58) 4-Methyl-2-Pentanone      | 10.331 | 43   | 573208   | 104.118 | ug/l # | 89       |
| 59) 2-Hexanone                | 11.087 | 43   | 380258   | 99.528  | ug/l   | 88       |
| 61) Tetrachloroethene         | 10.980 | 164  | 140495   | 19.207  | ug/l   | 90       |
| 62) Toluene                   | 10.508 | 91   | 503587   | 19.399  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.773 | 112  | 323485   | 19.328  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 131774   | 19.665  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.846 | 91   | 532841   | 19.069  | ug/l   | 92       |
| 67) m/p-Xylenes               | 11.956 | 106  | 437142   | 38.154  | ug/l   | 78       |
| 68) o-Xylene                  | 12.283 | 106  | 211703   | 19.077  | ug/l   | 78       |
| 69) Styrene                   | 12.296 | 104  | 324392   | 18.514  | ug/l # | 91       |
| 70) Isopropylbenzene          | 12.581 | 105  | 539376   | 18.870  | ug/l   | 93       |
| 71) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 150849   | 20.636  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 12.881 | 75   | 165828   | 27.672  | ug/l   | 65       |
| 73) Bromobenzene              | 12.862 | 156  | 142061   | 17.958  | ug/l   | 54       |
| 74) n-propylbenzene           | 12.924 | 91   | 583241   | 18.890  | ug/l   | 90       |
| 75) 2-Chlorotoluene           | 13.010 | 91   | 348143   | 19.000  | ug/l # | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 445992   | 18.859  | ug/l   | 90       |
| 77) t-1,4-Dichloro-2-butene   | 12.629 | 75   | 32482    | 17.879  | ug/l   | 89       |
| 78) 4-Chlorotoluene           | 13.109 | 91   | 340847   | 18.972  | ug/l   | 83       |
| 79) tert-butylbenzene         | 13.326 | 119  | 408690   | 18.903  | ug/l   | 82       |
| 80) 1,2,4-Trimethylbenzene    | 13.506 | 105  | 538402   | 23.439  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.506 | 105  | 538402   | 18.550  | ug/l   | 91       |
| 82) p-Isopropyltoluene        | 13.619 | 119  | 452389   | 18.112  | ug/l   | 90       |
| 83) 1,3-Dichlorobenzene       | 13.619 | 146  | 251902   | 18.033  | ug/l   | 90       |
| 84) 1,4-Dichlorobenzene       | 13.696 | 146  | 241376   | 17.923  | ug/l   | 92       |
| 85) n-Butylbenzene            | 13.946 | 91   | 323610   | 17.376  | ug/l   | 96       |
| 86) Hexachloroethane          | 14.211 | 117  | 76165    | 18.026  | ug/l   | 75       |
| 87) 1,2-Dichlorobenzene       | 13.989 | 146  | 238214   | 17.940  | ug/l   | 92       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 25621    | 20.251  | ug/l # | 45       |
| 89) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 111756   | 15.669  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.373 | 225  | 72809    | 17.370  | ug/l   | 94       |
| 91) Naphthalene               | 15.507 | 128  | 221506   | 14.692  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 104377   | 15.386  | ug/l   | 95       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090321W.M  
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QLast Update : Fri Sep 03 13:24:01 2021  
Response via : Initial Calibration

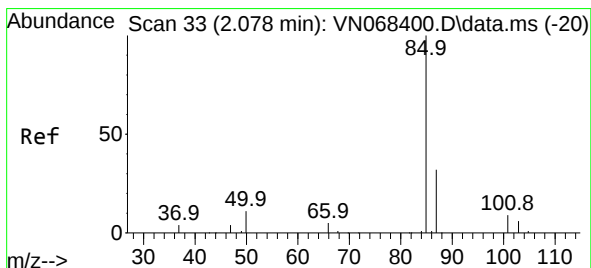
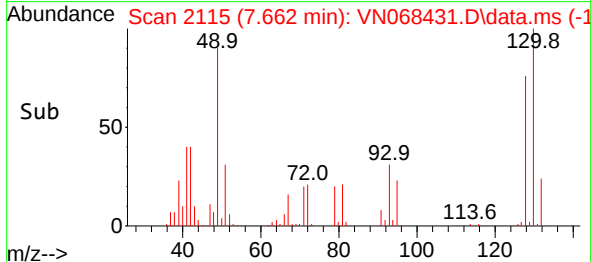
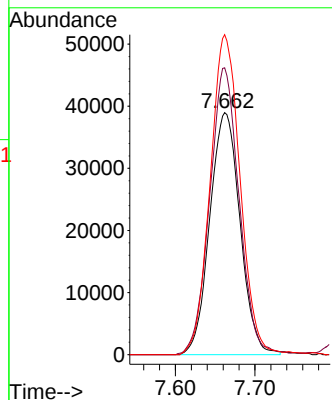
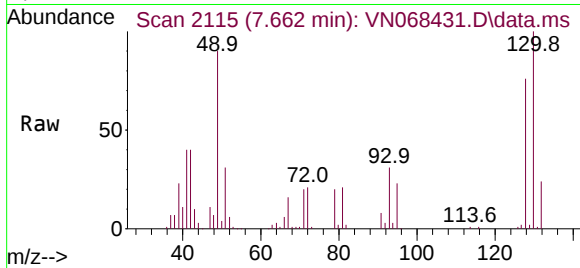




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.662 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

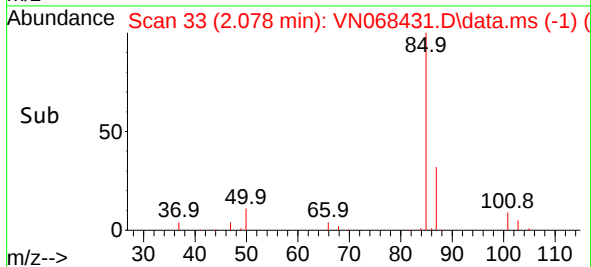
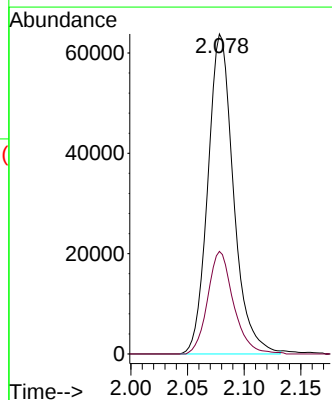
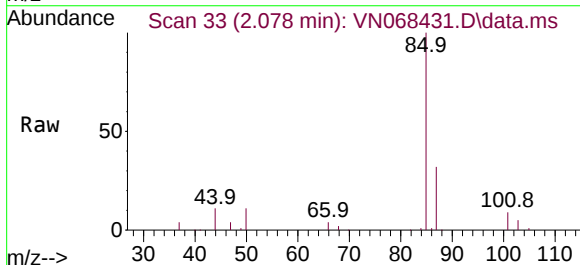
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

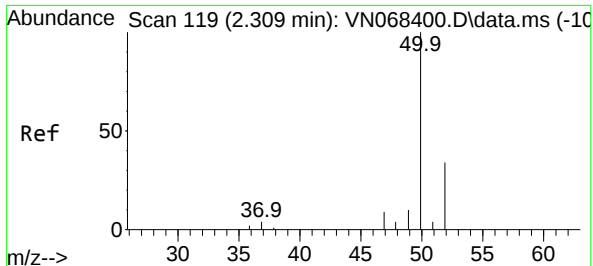
Tgt Ion:128 Resp: 103040  
Ion Ratio Lower Upper  
128 100  
49 115.8 0.0 517.5  
130 130.4 0.0 325.8



#2  
Dichlorodifluoromethane  
Concen: 19.262 ug/l  
RT: 2.078 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 85 Resp: 100495  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.7 47.0

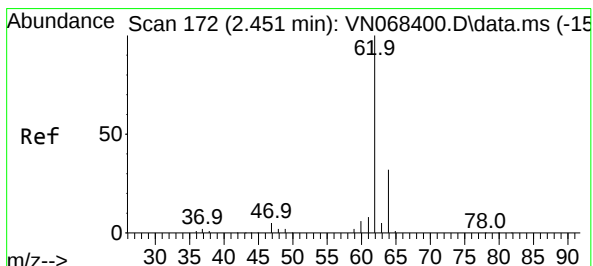
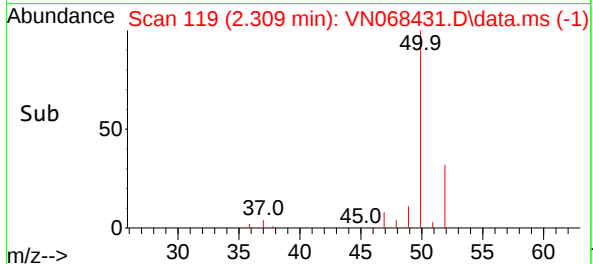
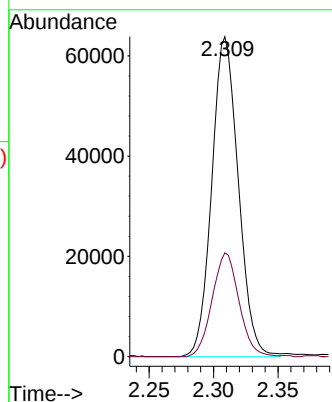
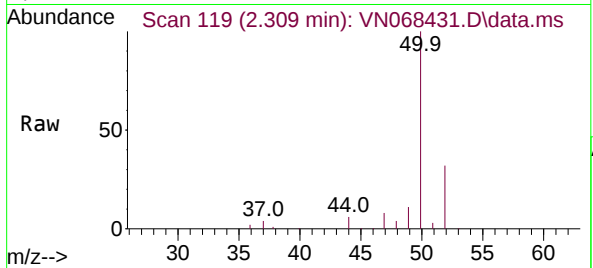




#3  
Chloromethane  
Concen: 19.370 ug/l  
RT: 2.309 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

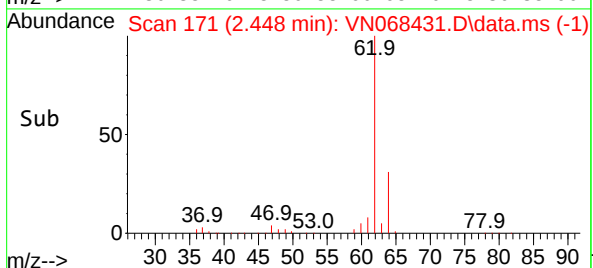
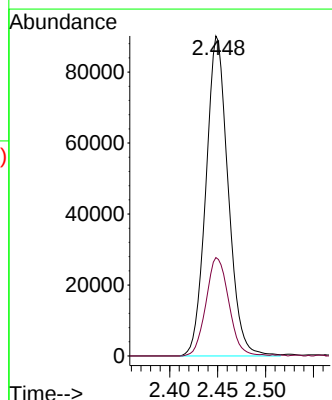
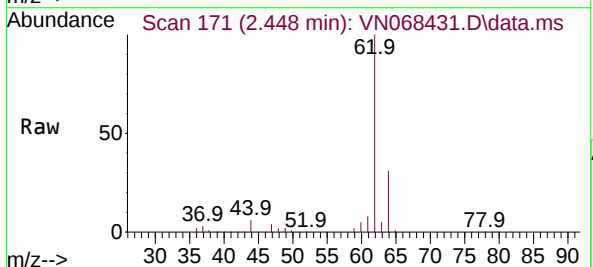
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

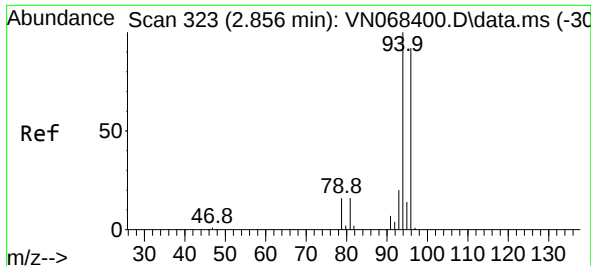
Tgt Ion: 50 Resp: 91438  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 20.691 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 62 Resp: 145539  
Ion Ratio Lower Upper  
62 100  
64 30.7 23.7 35.5

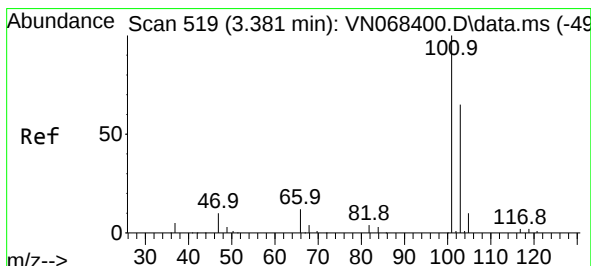
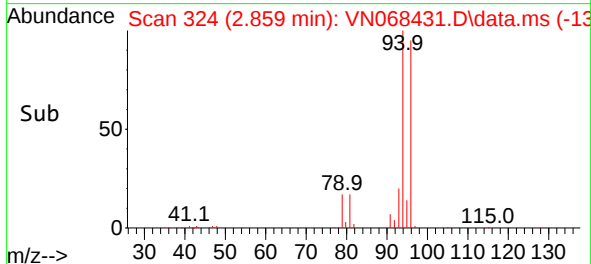
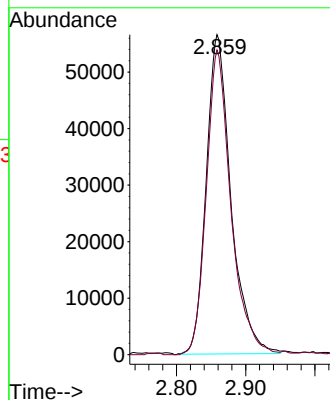
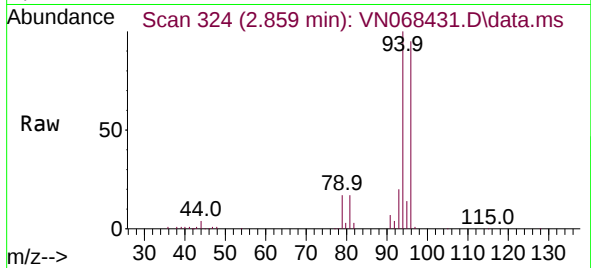




#5  
Bromomethane  
Concen: 21.794 ug/l  
RT: 2.859 min Scan# 324  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

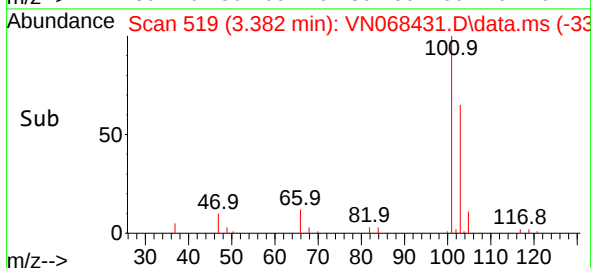
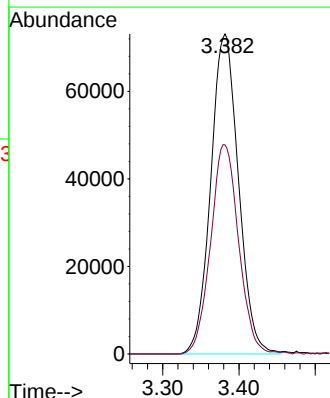
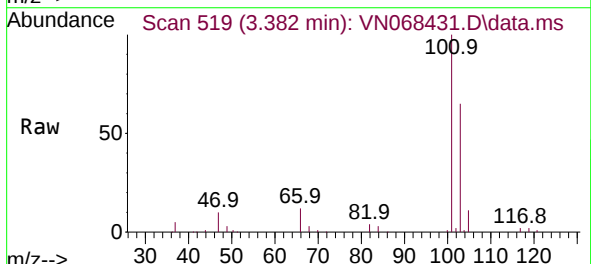
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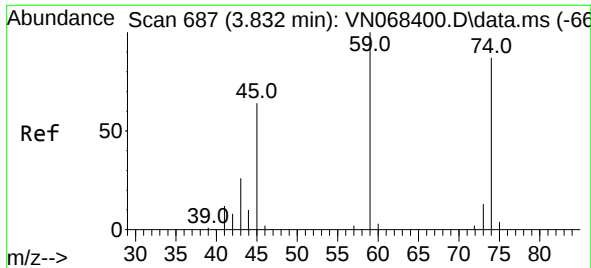
Tgt Ion: 94 Resp: 140567  
Ion Ratio Lower Upper  
94 100  
96 95.5 69.4 104.2



#7  
Trichlorofluoromethane  
Concen: 19.207 ug/l  
RT: 3.382 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:101 Resp: 184792  
Ion Ratio Lower Upper  
101 100  
103 65.4 53.7 80.5

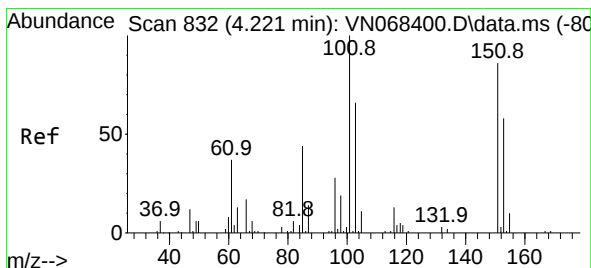
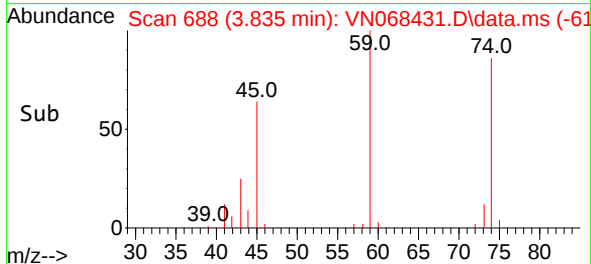
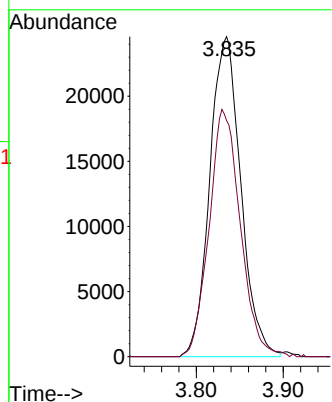
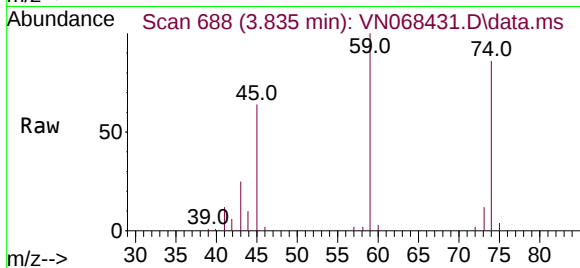




#8  
Diethyl Ether  
Concen: 19.922 ug/l  
RT: 3.835 min Scan# 688  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

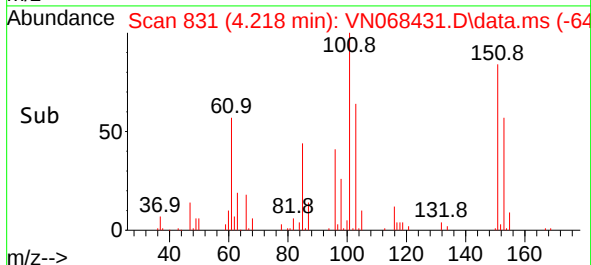
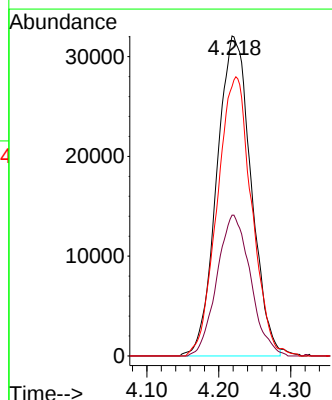
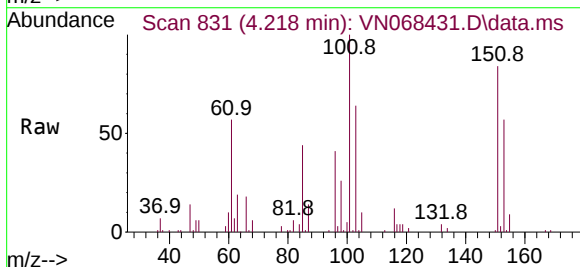
Instrument :  
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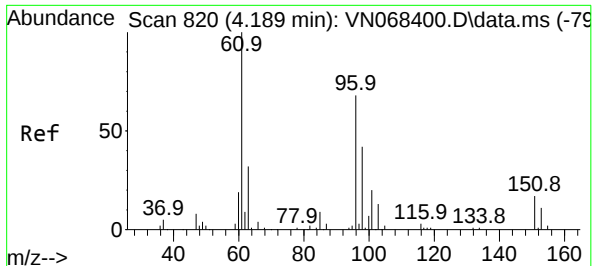
Tgt Ion: 74 Resp: 60886  
Ion Ratio Lower Upper  
74 100  
45 77.7 20.3 182.5



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.353 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 101 Resp: 105866  
Ion Ratio Lower Upper  
101 100  
85 43.3 0.0 97.8  
151 87.2 0.0 135.0





#10

1,1-Dichloroethene

Concen: 18.915 ug/l

RT: 4.191 min Scan# 821

Delta R.T. 0.003 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

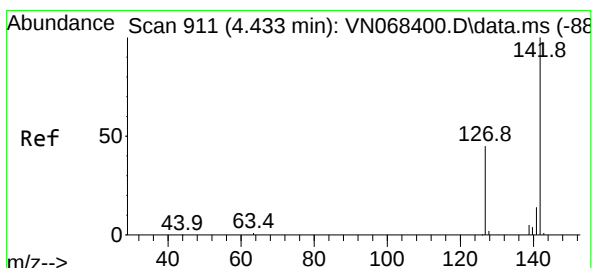
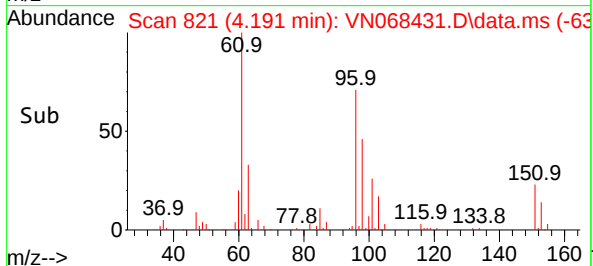
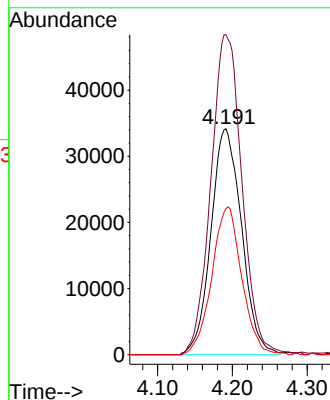
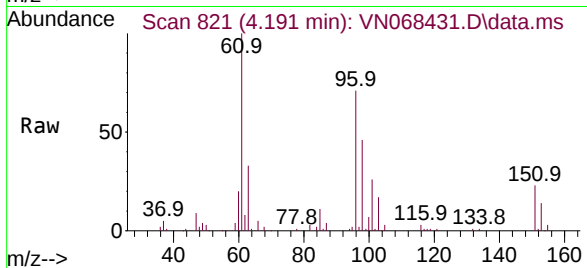
Tgt Ion: 96 Resp: 97216

Ion Ratio Lower Upper

96 100

61 141.5 148.3 222.5#

98 64.6 48.6 73.0



#11

Methyl Iodide

Concen: 18.278 ug/l

RT: 4.430 min Scan# 910

Delta R.T. -0.002 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

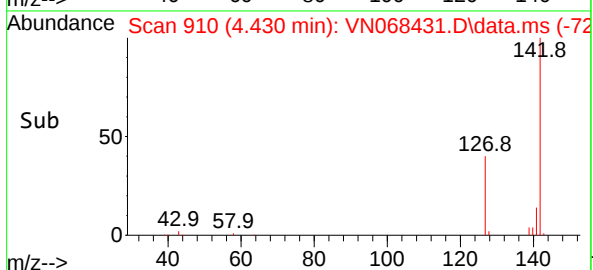
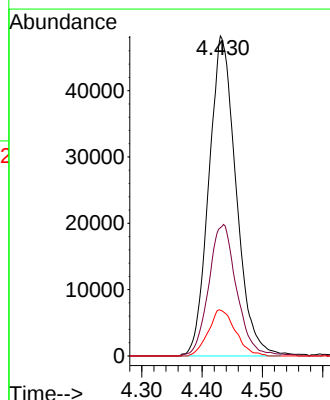
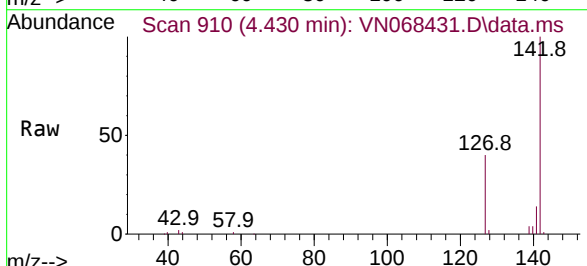
Tgt Ion: 142 Resp: 151136

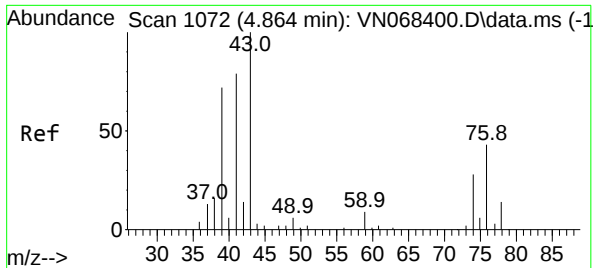
Ion Ratio Lower Upper

142 100

127 39.9 27.2 81.5

141 14.4 6.9 20.7

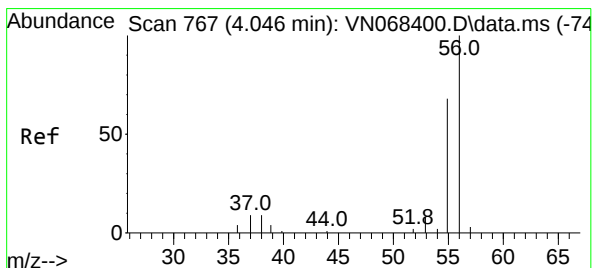
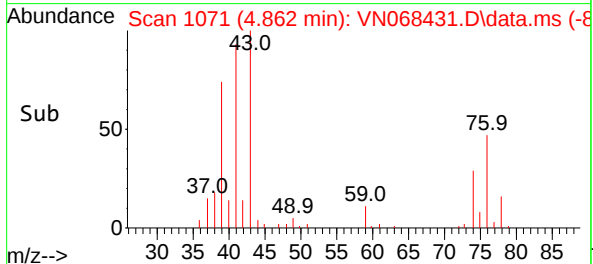
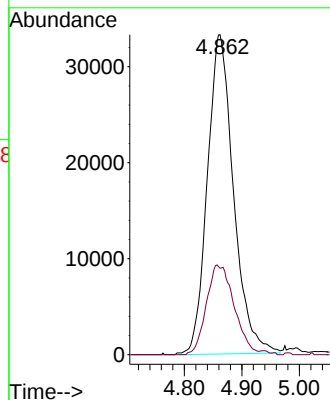
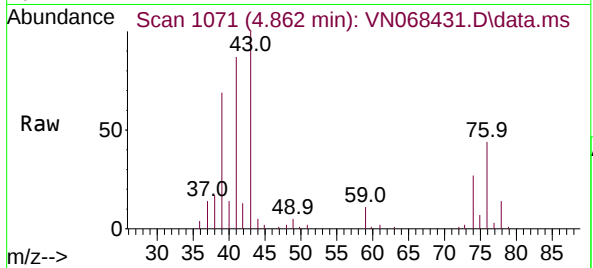




#12  
Methyl Acetate  
Concen: 20.314 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

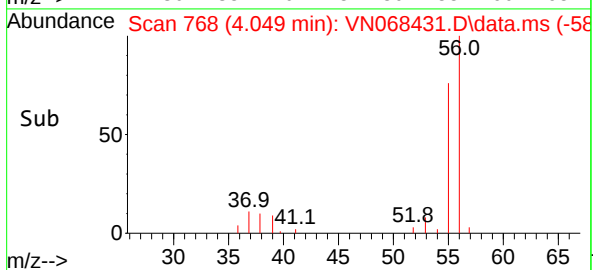
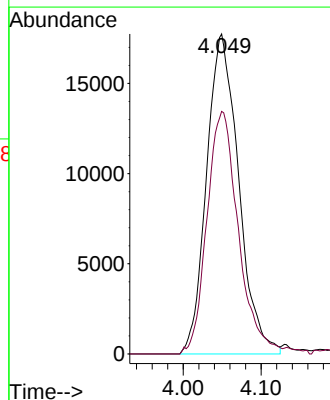
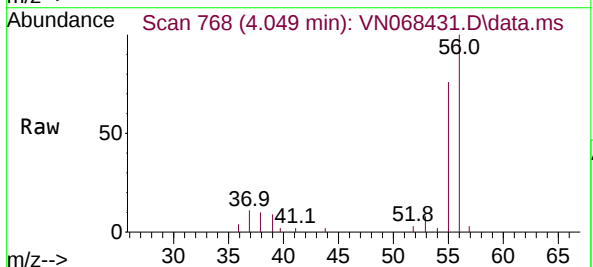
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

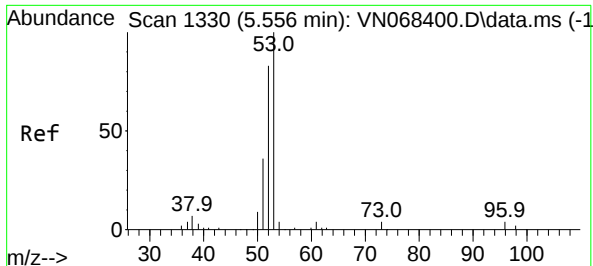
Tgt Ion: 43 Resp: 105082  
Ion Ratio Lower Upper  
43 100  
74 27.3 16.6 25.0#



#13  
Acrolein  
Concen: 109.401 ug/l  
RT: 4.049 min Scan# 768  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 56 Resp: 50725  
Ion Ratio Lower Upper  
56 100  
55 73.9 57.5 86.3

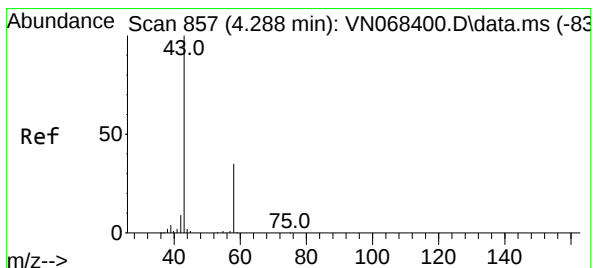
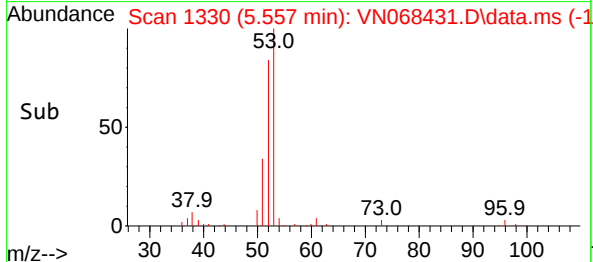
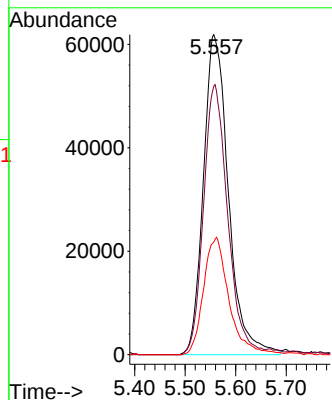
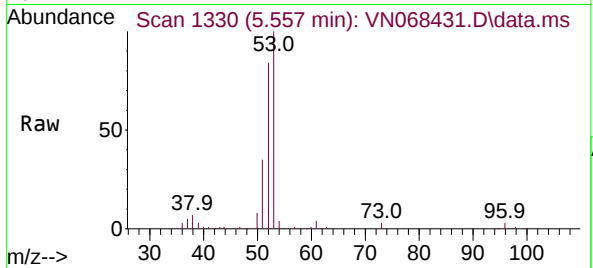




#14  
Acrylonitrile  
Concen: 101.555 ug/l  
RT: 5.557 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

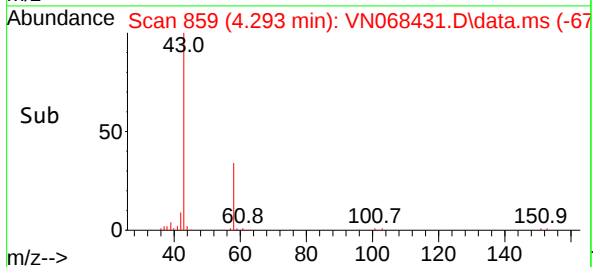
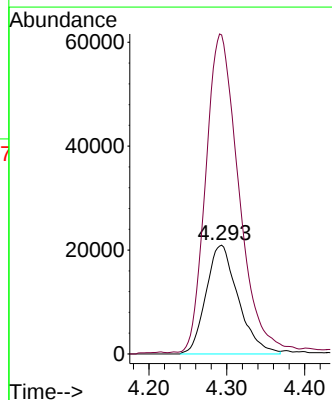
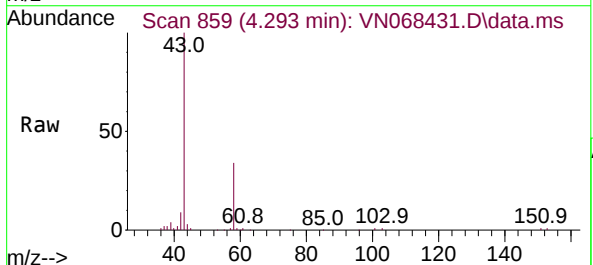
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

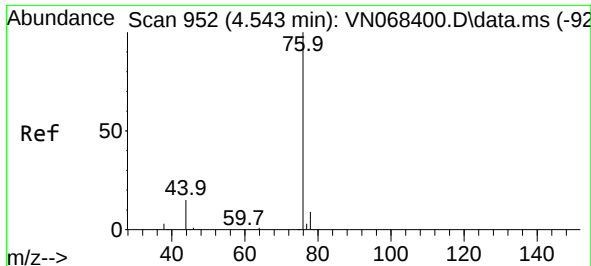
Tgt Ion: 53 Resp: 213032  
Ion Ratio Lower Upper  
53 100  
52 81.4 41.8 125.4  
51 37.3 18.1 54.3



#15  
Acetone  
Concen: 97.680 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.006 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 58 Resp: 60225  
Ion Ratio Lower Upper  
58 100  
43 291.2 289.6 434.4

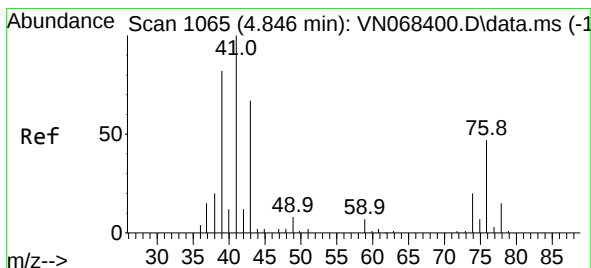
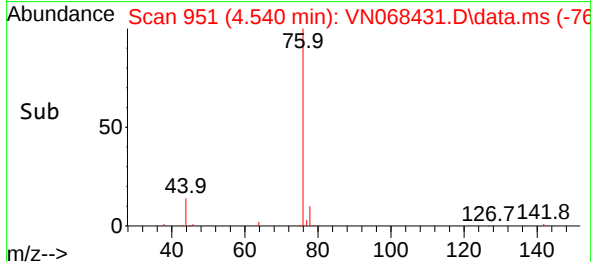
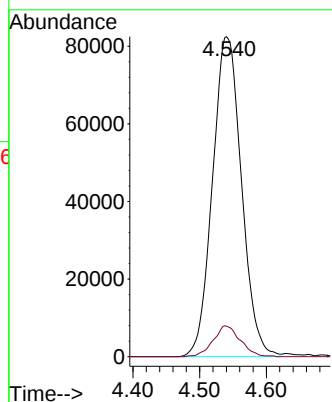
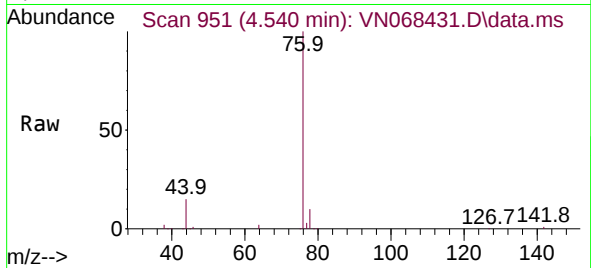




#16  
Carbon Disulfide  
Concen: 18.521 ug/l  
RT: 4.540 min Scan# 951  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

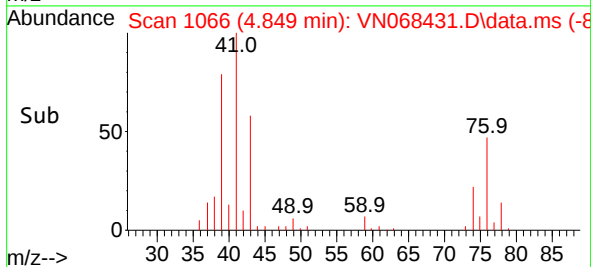
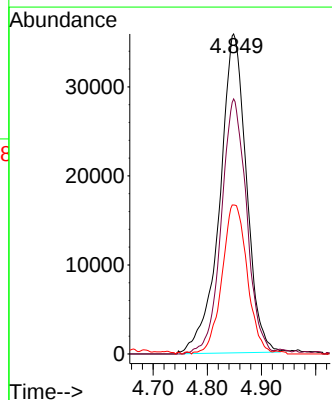
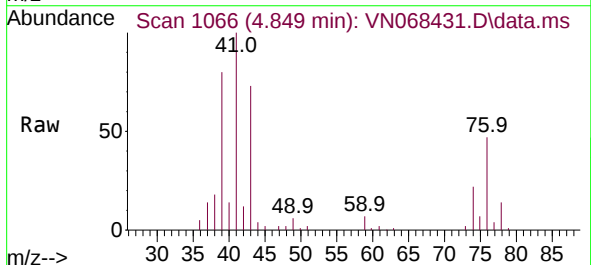
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

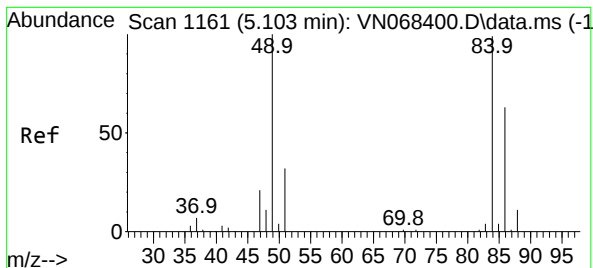
Tgt Ion: 76 Resp: 248756  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.4



#17  
Allyl chloride  
Concen: 19.517 ug/l  
RT: 4.849 min Scan# 1066  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 41 Resp: 122875  
Ion Ratio Lower Upper  
41 100  
39 80.2 39.8 119.4  
76 46.4 16.8 50.4





#18

Methylene Chloride

Concen: 19.605 ug/l

RT: 5.106 min Scan# 1162

Delta R.T. 0.003 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

Tgt Ion: 84 Resp: 110282

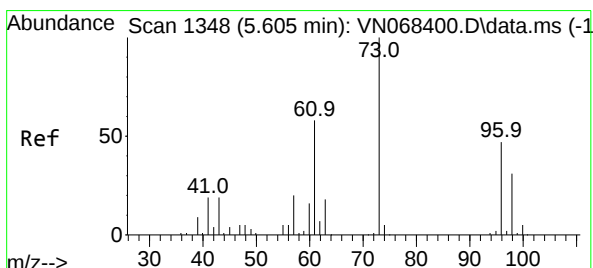
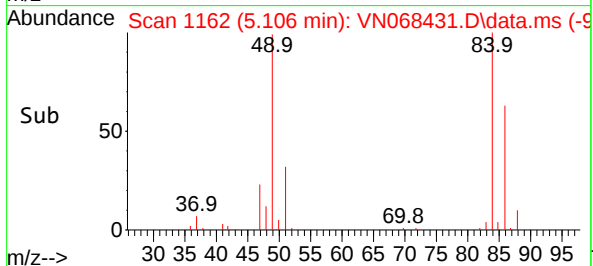
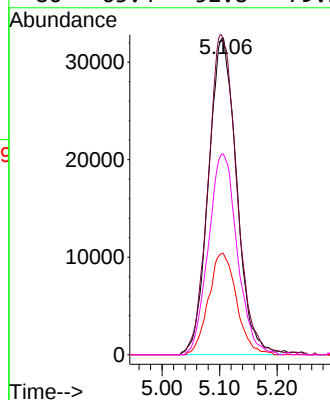
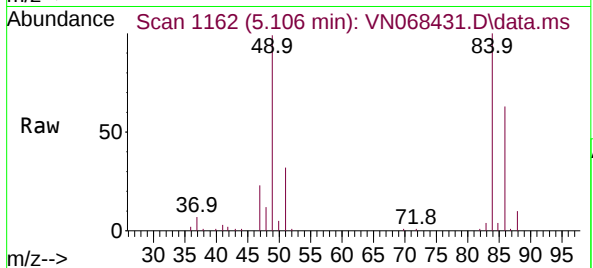
Ion Ratio Lower Upper

84 100

49 99.2 110.9 166.3#

51 32.0 31.2 46.8

86 63.4 52.8 79.2



#19

trans-1,2-Dichloroethene

Concen: 19.042 ug/l

RT: 5.605 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

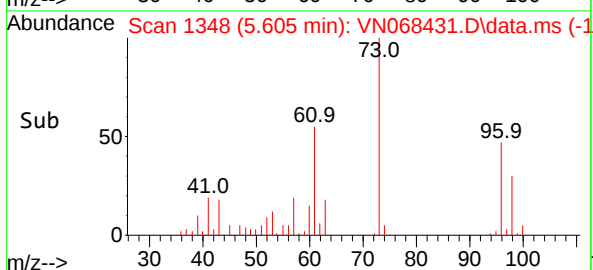
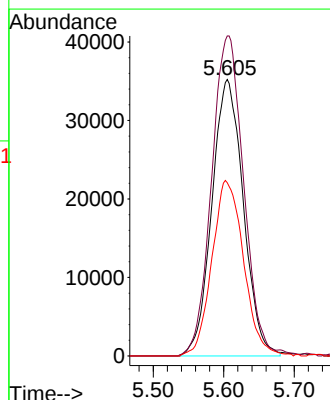
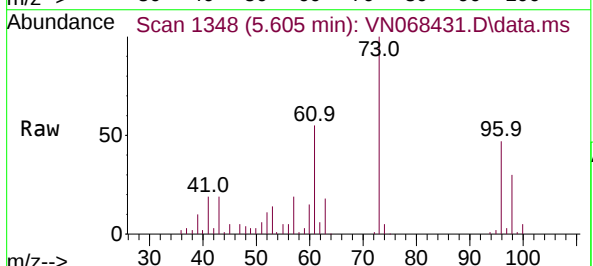
Tgt Ion: 96 Resp: 109097

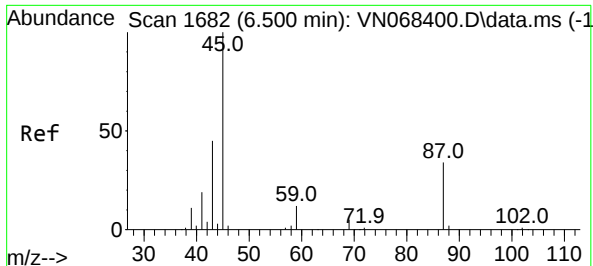
Ion Ratio Lower Upper

96 100

61 115.3 129.3 193.9#

98 62.7 48.0 72.0





#20

Diisopropyl ether

Concen: 19.634 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.002 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

Tgt Ion: 45 Resp: 270139

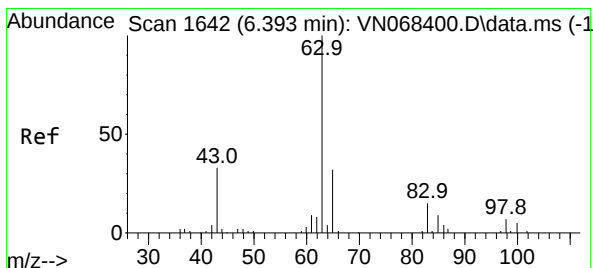
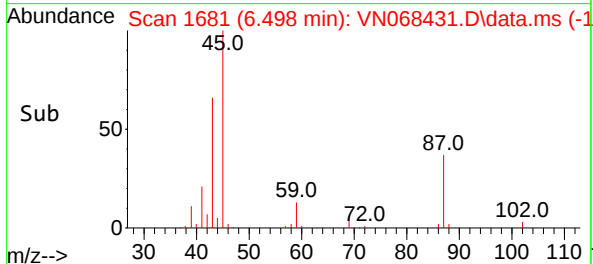
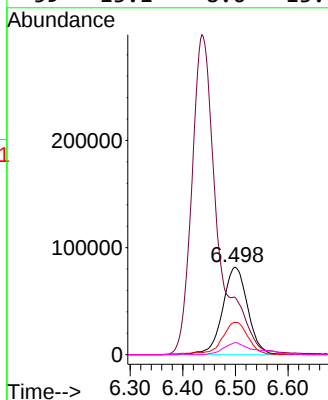
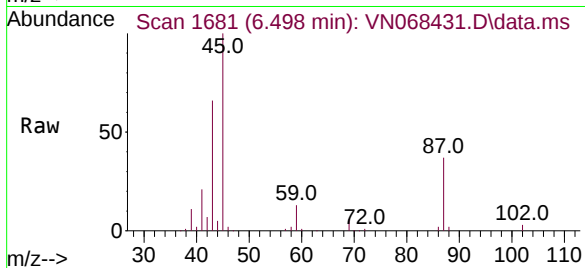
Ion Ratio Lower Upper

45 100

43 63.0 48.1 72.1

87 36.3 19.8 29.6#

59 13.1 8.6 13.0#



#21

1,1-Dichloroethane

Concen: 19.124 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.000 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

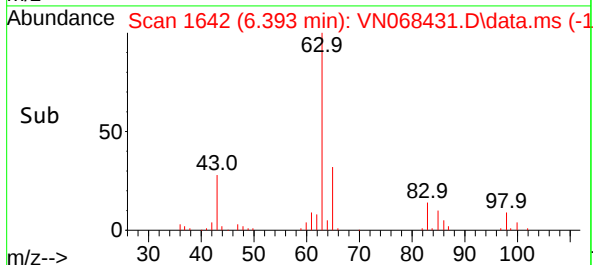
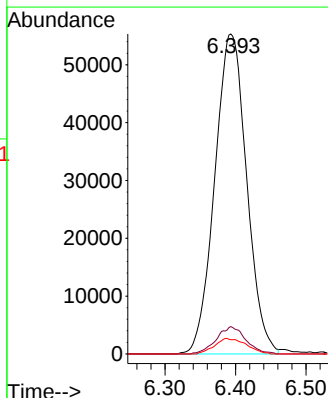
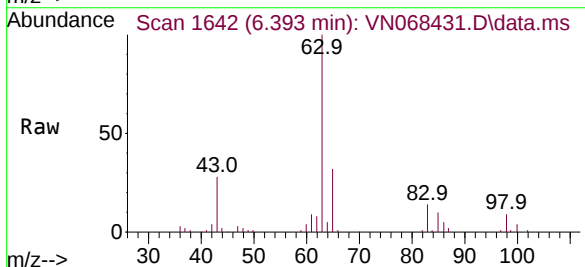
Tgt Ion: 63 Resp: 174012

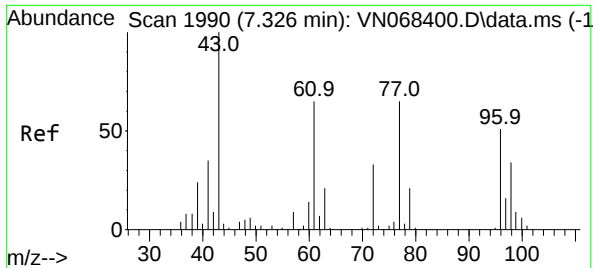
Ion Ratio Lower Upper

63 100

98 9.6 2.7 8.1#

100 4.4 1.8 5.3

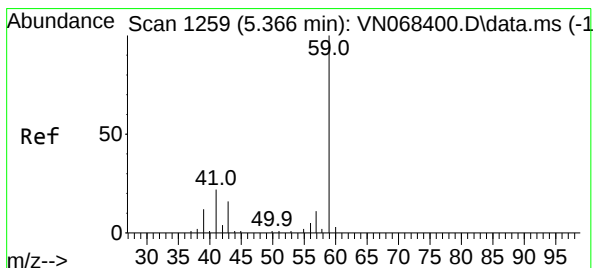
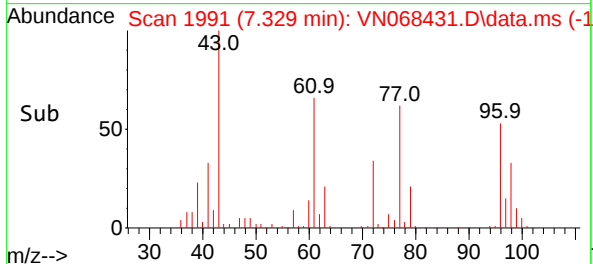
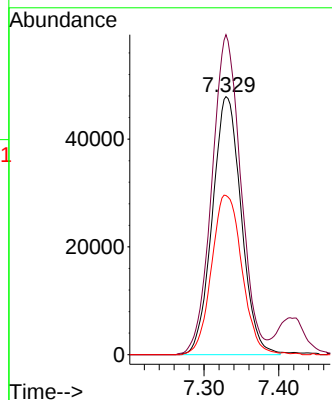
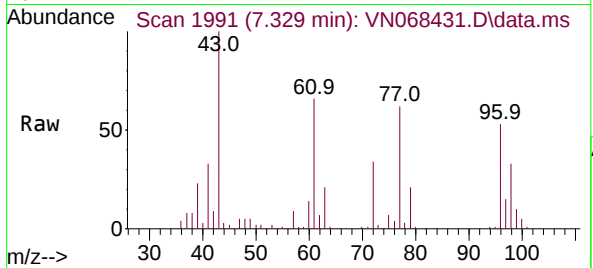




#22  
 cis-1,2-Dichloroethene  
 Concen: 19.310 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.003 min  
 Lab File: VN068431.D  
 Acq: 8 Sep 2021 11:11

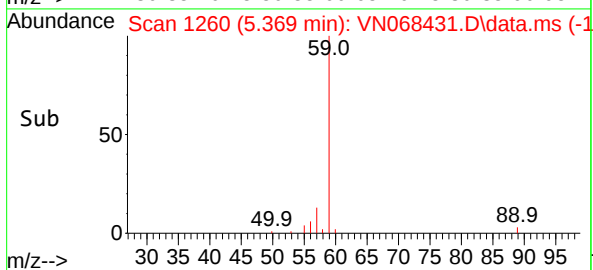
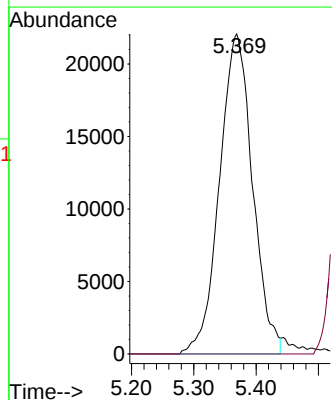
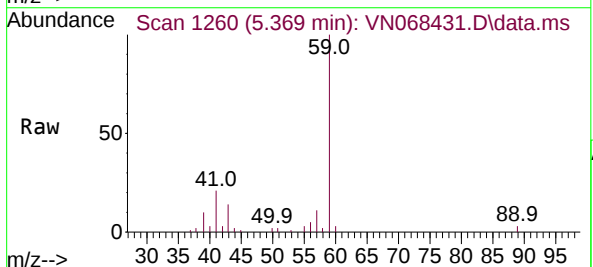
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBSD01

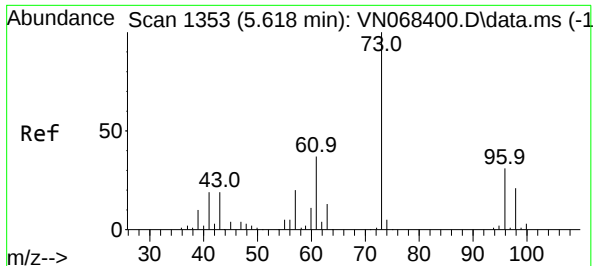
Tgt Ion: 96 Resp: 128546  
 Ion Ratio Lower Upper  
 96 100  
 61 124.1 131.2 196.8#  
 98 64.9 50.7 76.1



#23  
 tert-Butyl Alcohol  
 Concen: 105.586 ug/l  
 RT: 5.369 min Scan# 1260  
 Delta R.T. 0.003 min  
 Lab File: VN068431.D  
 Acq: 8 Sep 2021 11:11

Tgt Ion: 59 Resp: 81295  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.1 0.1#

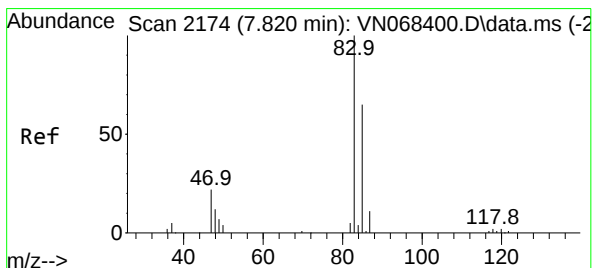
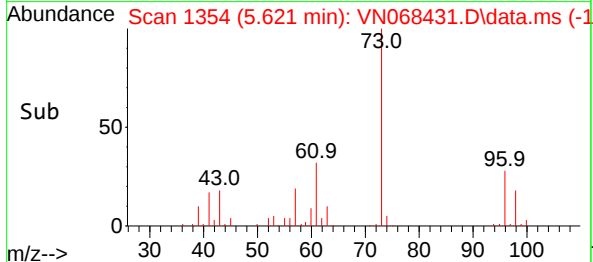
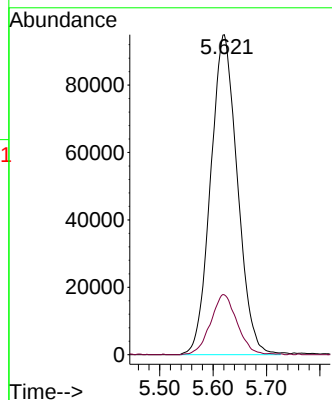
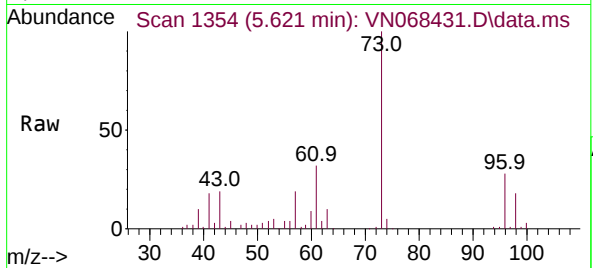




#24  
Methyl tert-Butyl Ether  
Concen: 19.810 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

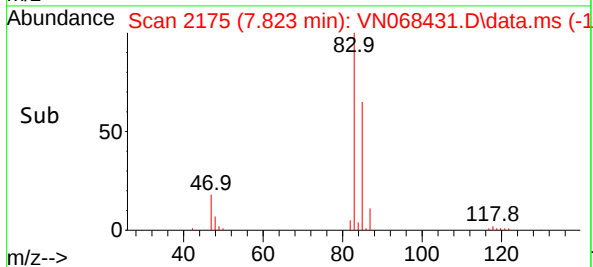
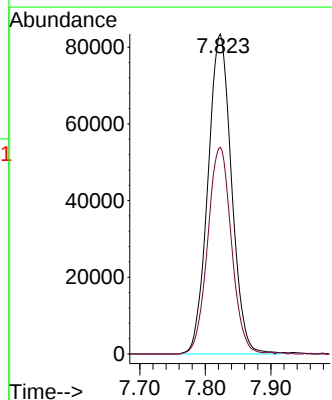
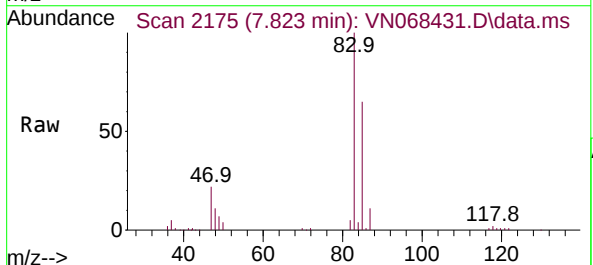
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

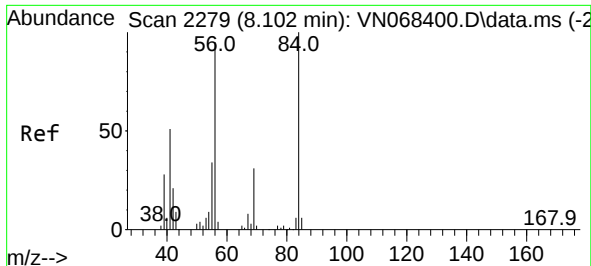
Tgt Ion: 73 Resp: 330801  
Ion Ratio Lower Upper  
73 100  
43 18.5 20.0 30.0#



#25  
Chloroform  
Concen: 19.530 ug/l  
RT: 7.823 min Scan# 2175  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 83 Resp: 208730  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.5 77.3

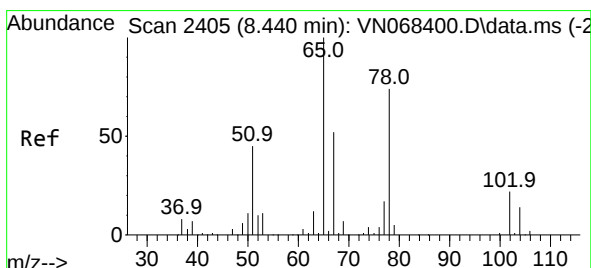
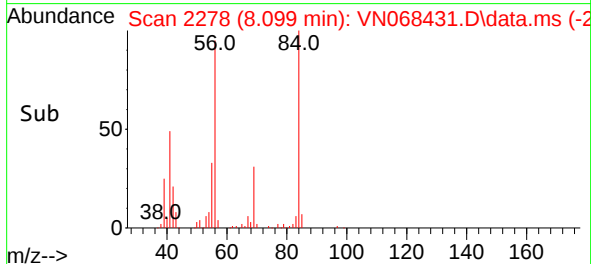
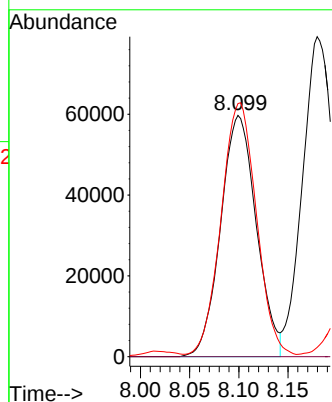
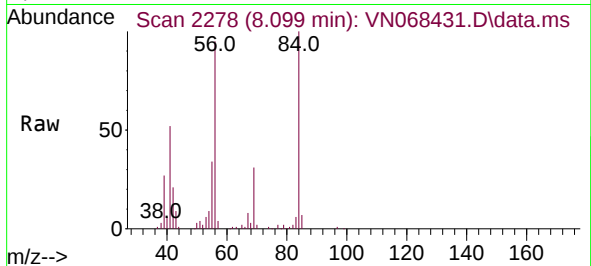




#26  
Cyclohexane  
Concen: 18.946 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

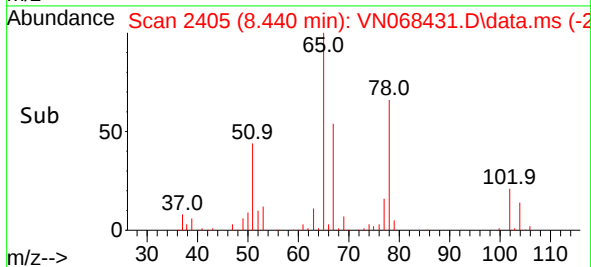
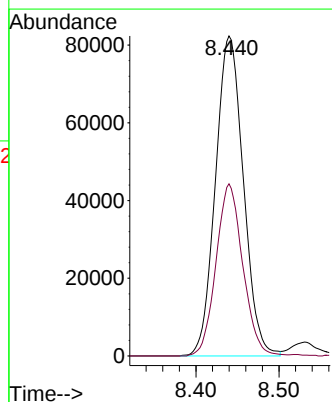
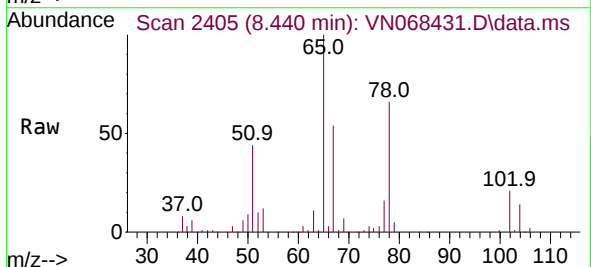
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

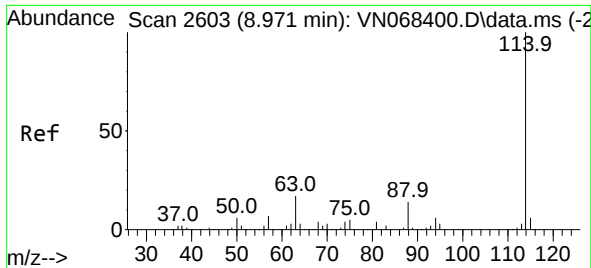
Tgt Ion: 56 Resp: 151011  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 104.7 66.2 99.2#



#27  
1,2-Dichloroethane-d4  
Concen: 31.477 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 65 Resp: 192288  
Ion Ratio Lower Upper  
65 100  
67 51.6 39.8 59.8

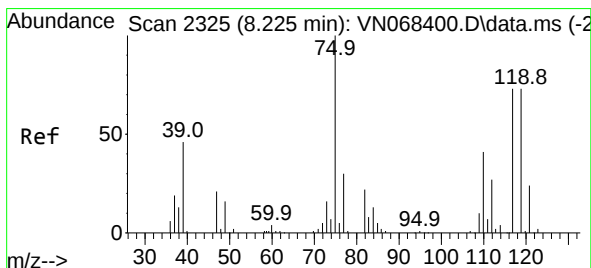
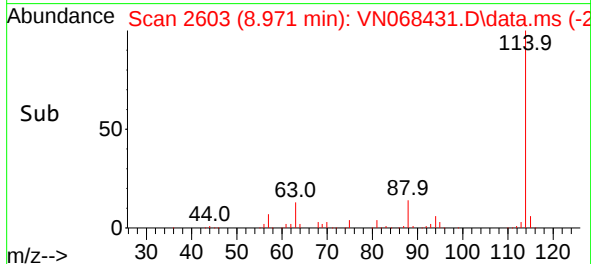
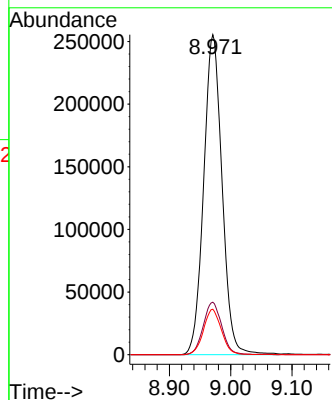
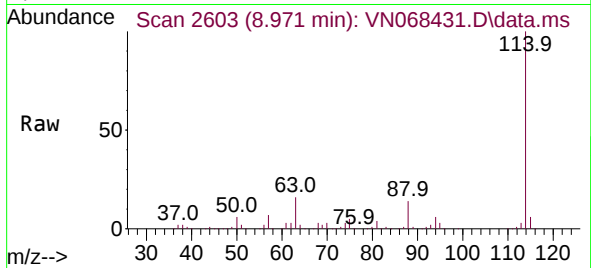




#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.000 min  
 Lab File: VN068431.D  
 Acq: 8 Sep 2021 11:11

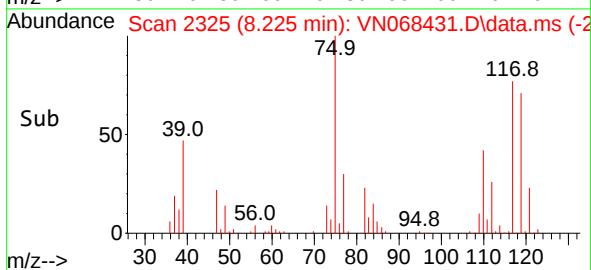
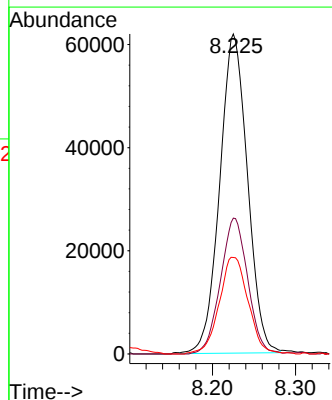
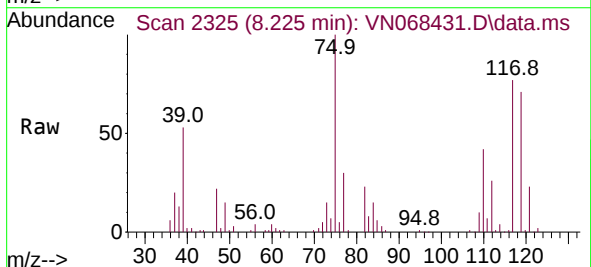
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBSD01

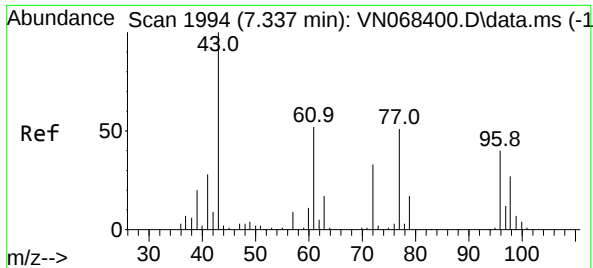
Tgt Ion:114 Resp: 533208  
 Ion Ratio Lower Upper  
 114 100  
 63 16.5 20.3 30.5#  
 88 13.8 14.6 22.0#



#29  
 1,1-Dichloropropene  
 Concen: 18.753 ug/l  
 RT: 8.225 min Scan# 2325  
 Delta R.T. 0.000 min  
 Lab File: VN068431.D  
 Acq: 8 Sep 2021 11:11

Tgt Ion: 75 Resp: 143447  
 Ion Ratio Lower Upper  
 75 100  
 110 41.9 0.0 63.4  
 77 31.5 0.0 63.0

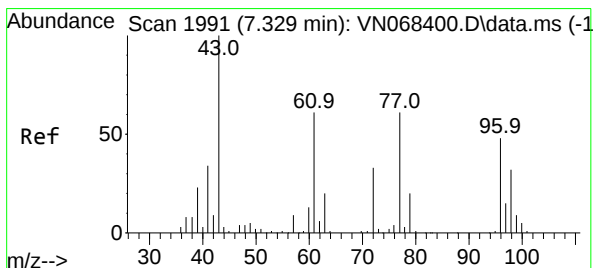
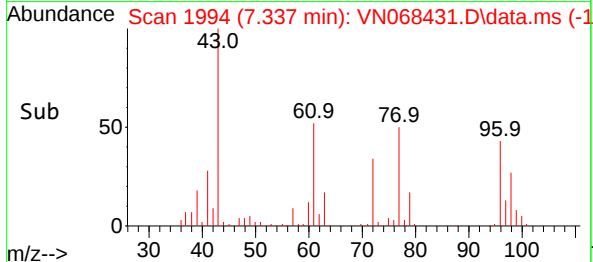
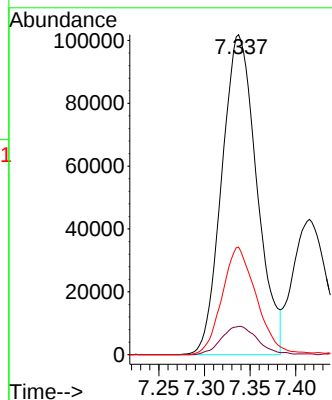
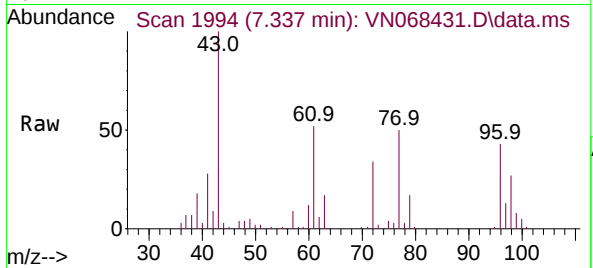




#30  
2-Butanone  
Concen: 99.189 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

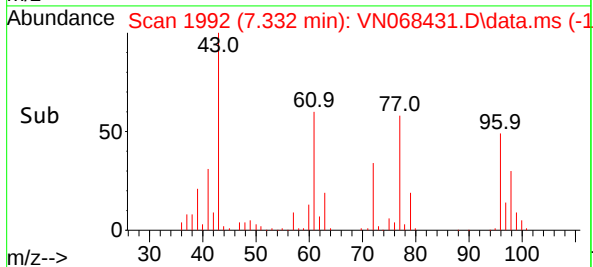
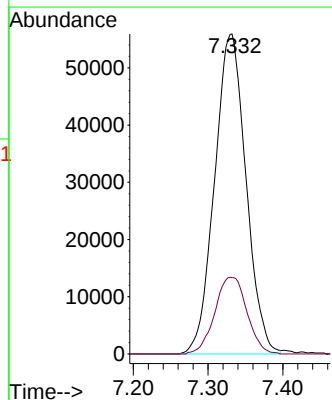
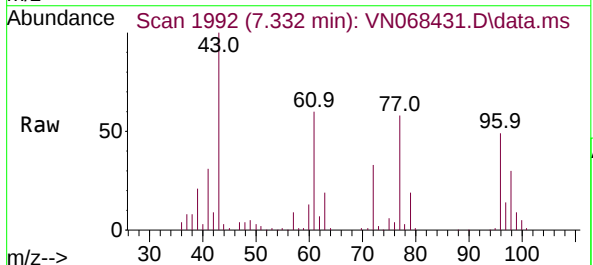
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

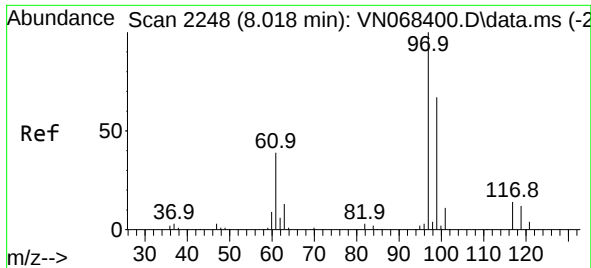
Tgt Ion: 43 Resp: 271461  
Ion Ratio Lower Upper  
43 100  
57 9.0 6.9 10.3  
72 33.2 20.0 30.0#



#31  
2,2-Dichloropropane  
Concen: 18.721 ug/l  
RT: 7.332 min Scan# 1992  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 77 Resp: 163083  
Ion Ratio Lower Upper  
77 100  
97 24.5 16.3 24.5#

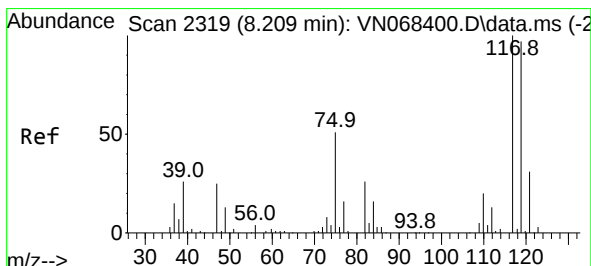
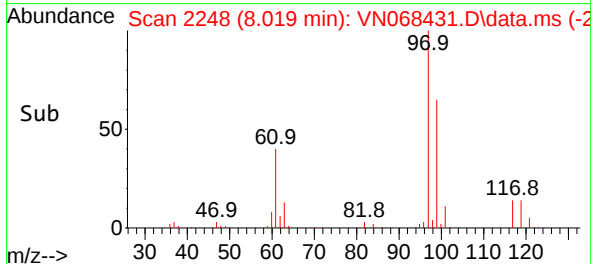
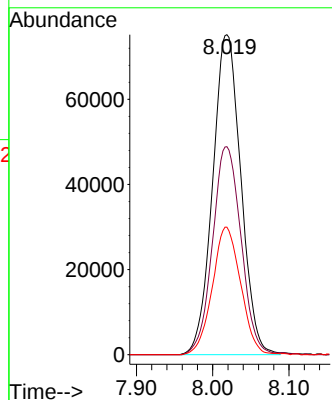
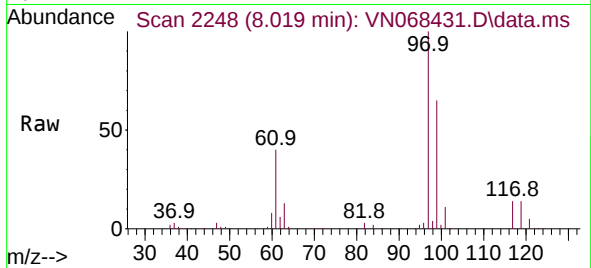




#32  
1,1,1-Trichloroethane  
Concen: 19.271 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

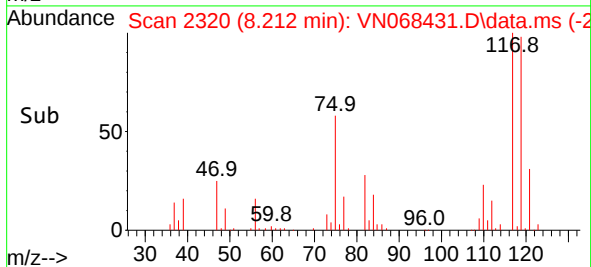
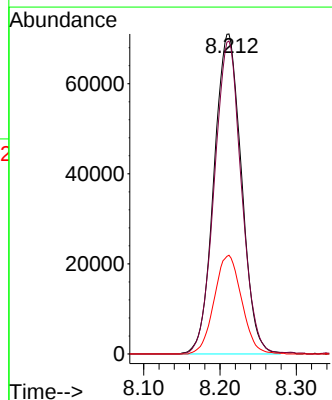
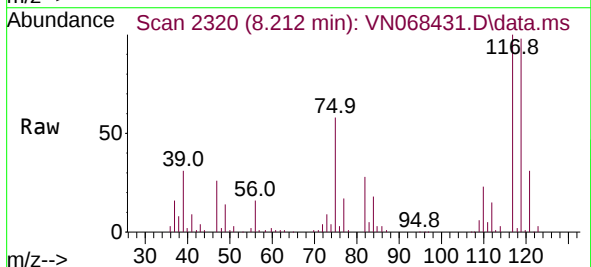
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

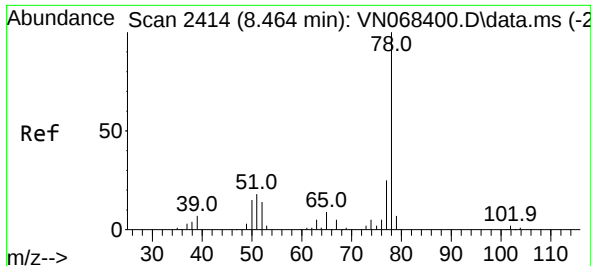
Tgt Ion: 97 Resp: 193611  
Ion Ratio Lower Upper  
97 100  
99 65.6 49.7 74.5  
61 39.9 38.0 57.0



#33  
Carbon Tetrachloride  
Concen: 19.124 ug/l  
RT: 8.212 min Scan# 2320  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 117 Resp: 177523  
Ion Ratio Lower Upper  
117 100  
119 97.8 73.3 109.9  
121 30.9 24.2 36.4

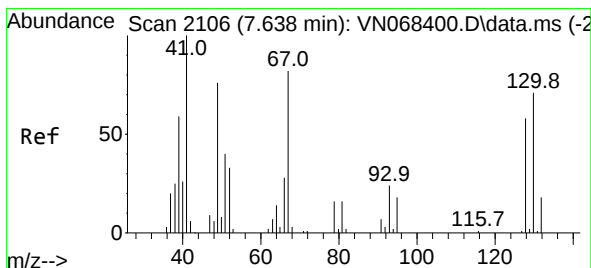
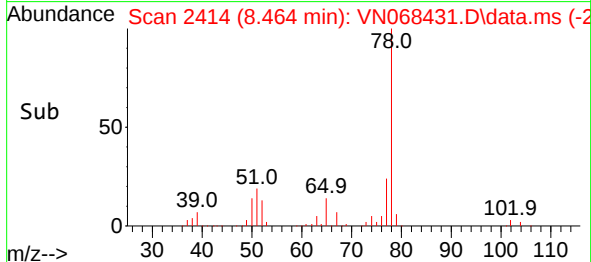
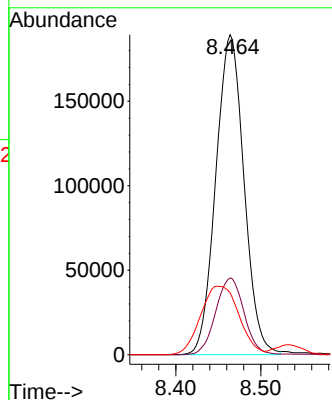
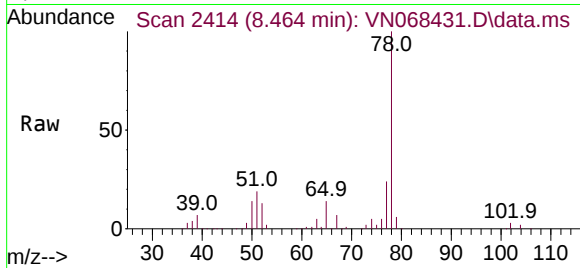




#34  
Benzene  
Concen: 19.313 ug/l  
RT: 8.464 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

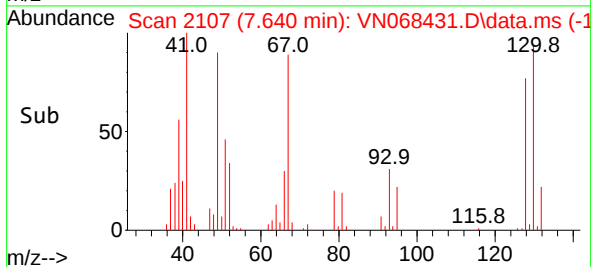
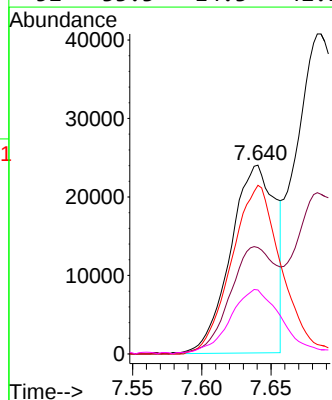
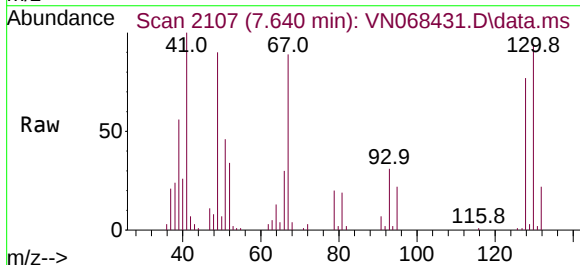
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

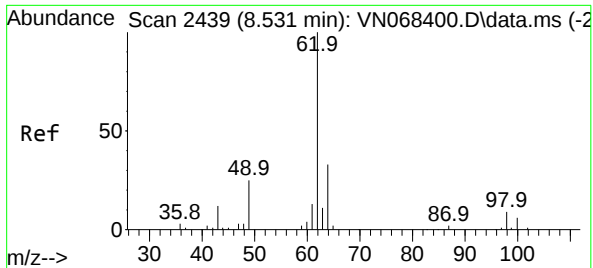
Tgt Ion: 78 Resp: 436669  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.6 28.0  
51 18.5 20.0 30.0#



#35  
Methacrylonitrile  
Concen: 20.183 ug/l  
RT: 7.640 min Scan# 2107  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 41 Resp: 53963  
Ion Ratio Lower Upper  
41 100  
39 56.7 30.3 90.9  
67 90.0 32.1 96.3  
52 33.3 14.3 42.9

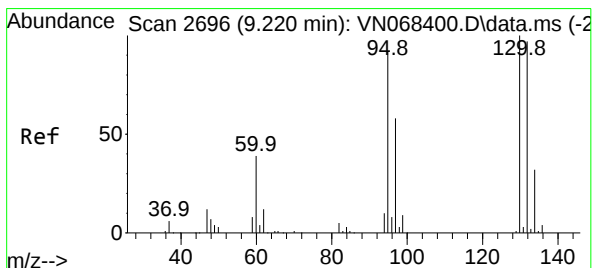
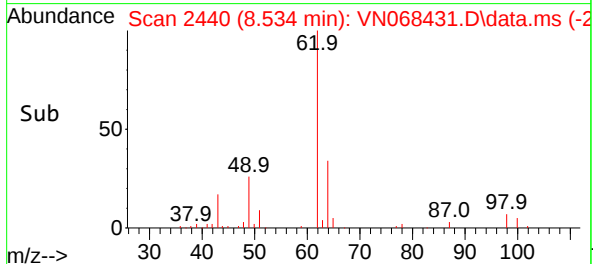
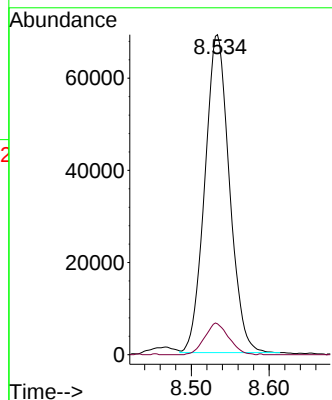
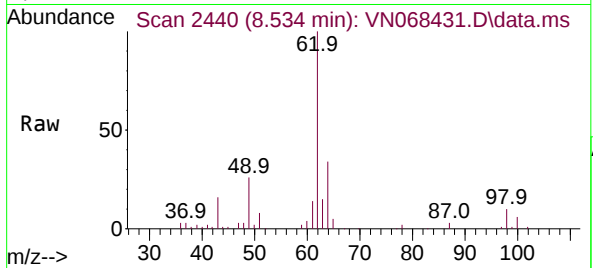




#36  
1,2-Dichloroethane  
Concen: 20.004 ug/l  
RT: 8.534 min Scan# 2440  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

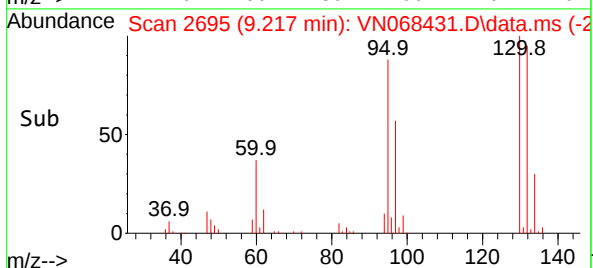
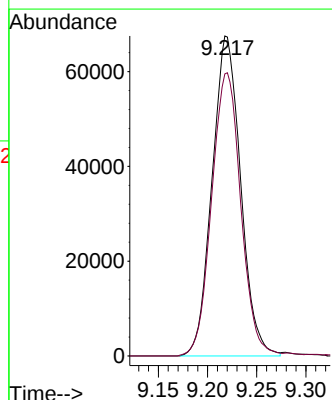
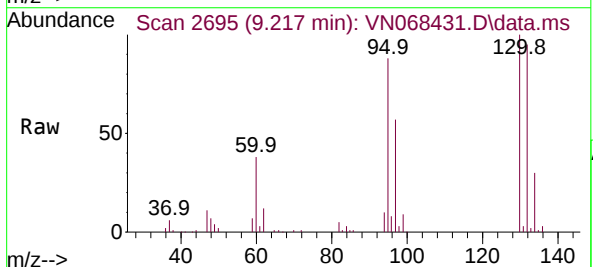
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

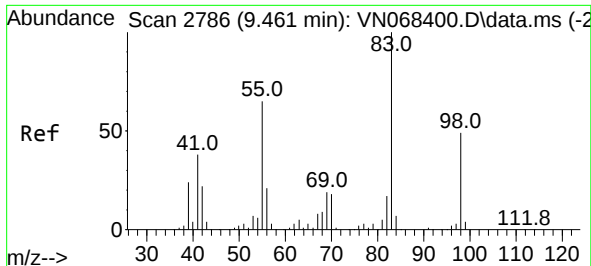
Tgt Ion: 62 Resp: 151441  
Ion Ratio Lower Upper  
62 100  
98 9.7 6.0 9.0#



#37  
Trichloroethene  
Concen: 18.885 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.002 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 130 Resp: 136491  
Ion Ratio Lower Upper  
130 100  
95 87.9 92.2 138.2#

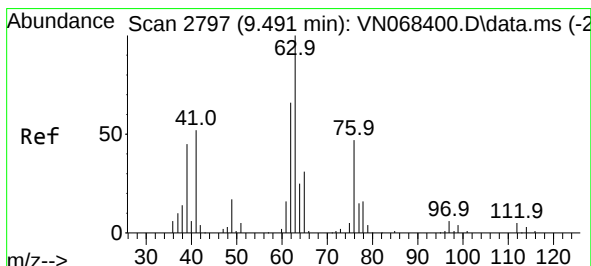
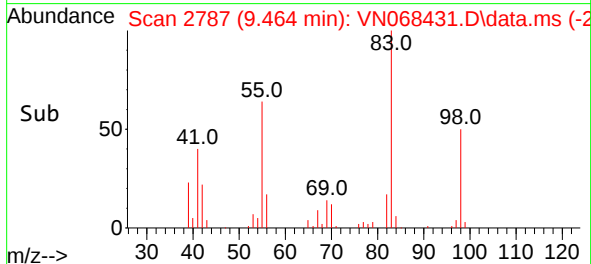
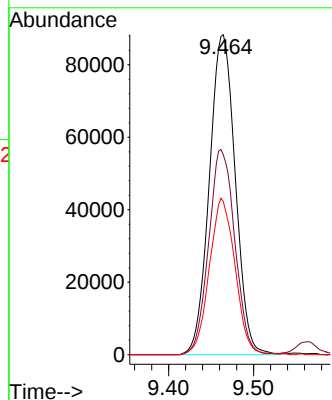
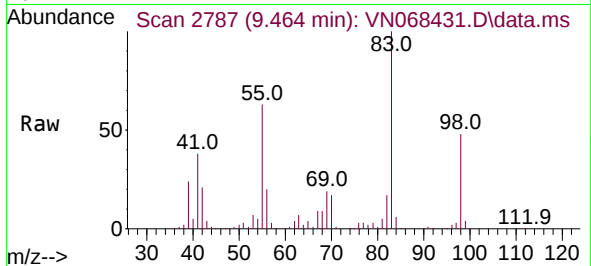




#38  
Methylcyclohexane  
Concen: 18.872 ug/l  
RT: 9.464 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

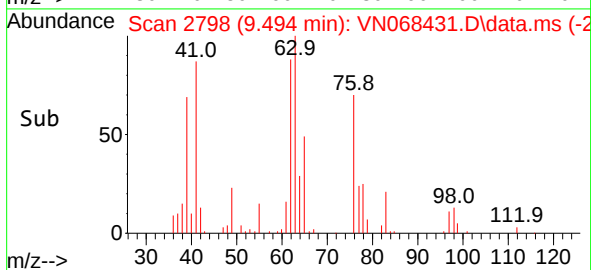
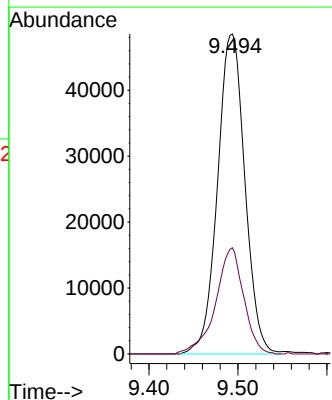
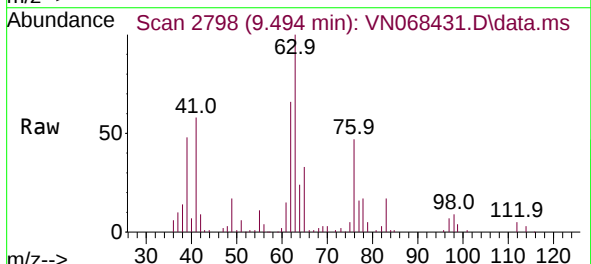
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

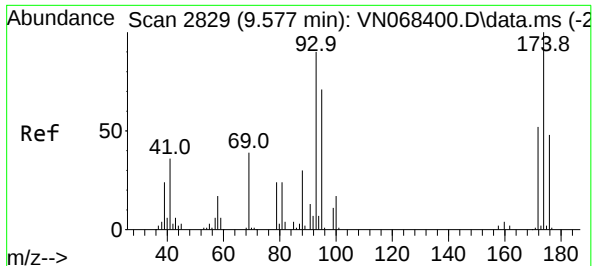
Tgt Ion: 83 Resp: 187397  
Ion Ratio Lower Upper  
83 100  
55 64.6 41.5 124.6  
98 48.4 22.4 67.0



#39  
1,2-Dichloropropane  
Concen: 19.355 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 63 Resp: 103748  
Ion Ratio Lower Upper  
63 100  
65 33.2 24.5 36.7

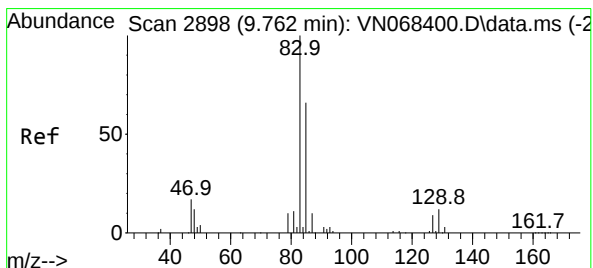
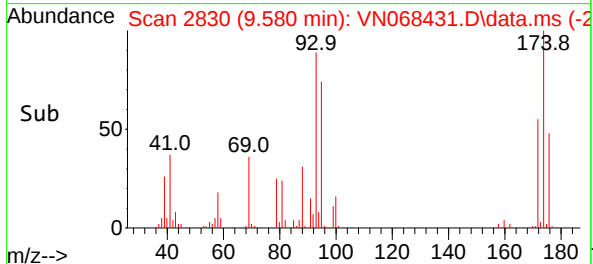
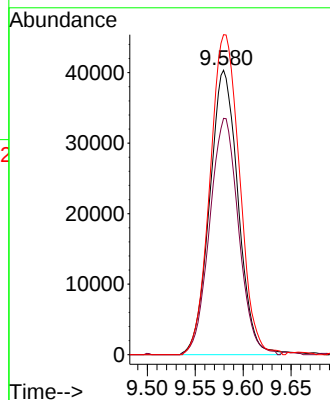
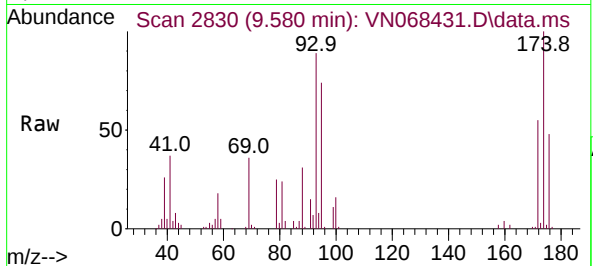




#40  
Dibromomethane  
Concen: 19.634 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

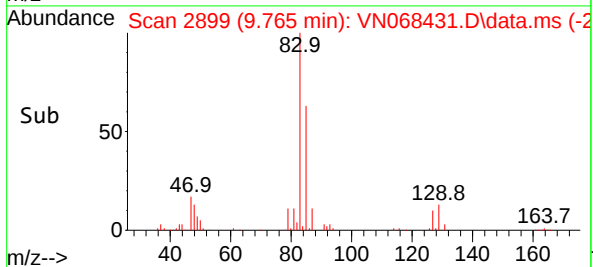
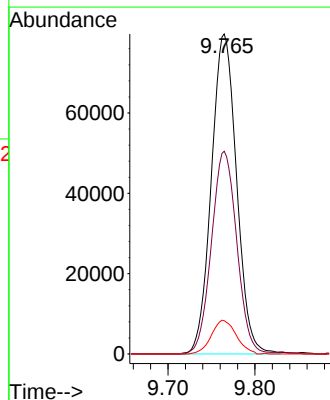
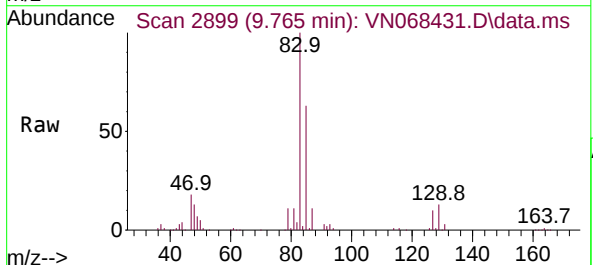
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

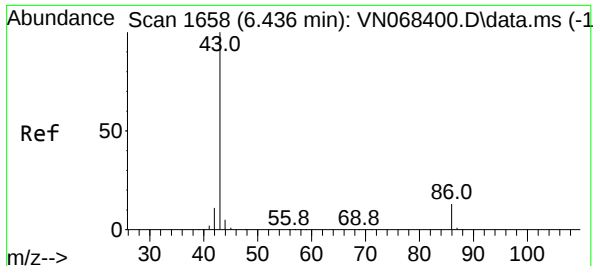
Tgt Ion: 93 Resp: 83284  
Ion Ratio Lower Upper  
93 100  
95 84.0 0.0 167.6  
174 116.9 0.0 148.4



#41  
Bromodichloromethane  
Concen: 19.616 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 83 Resp: 160757  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.2 76.8  
127 10.4 6.6 9.8#





#42

Vinyl Acetate

Concen: 87.240 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN068431.D

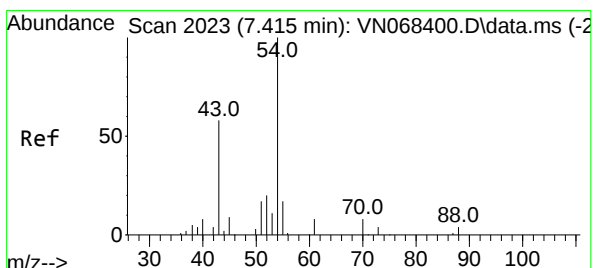
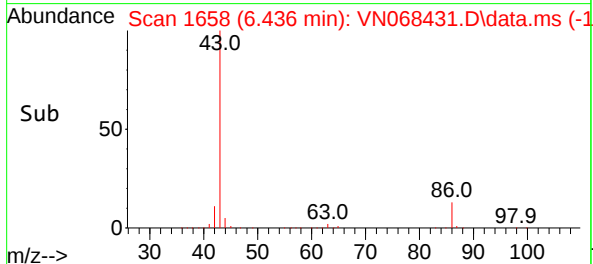
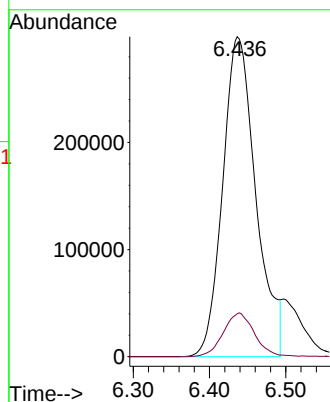
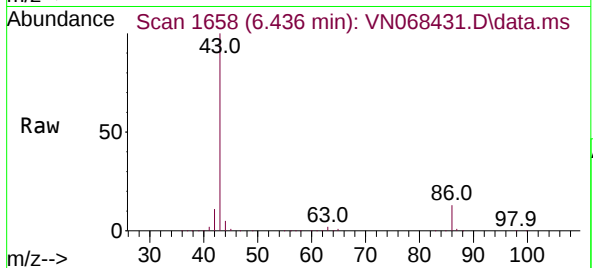
Acq: 8 Sep 2021 11:11

Tgt Ion: 43 Resp: 903018

Ion Ratio Lower Upper

43 100

86 12.9 6.4 9.6#



#43

Ethyl Acetate

Concen: 49.881 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.078 min

Lab File: VN068431.D

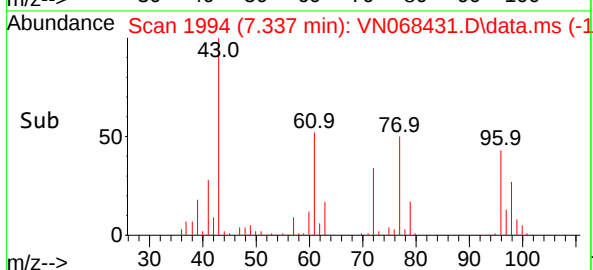
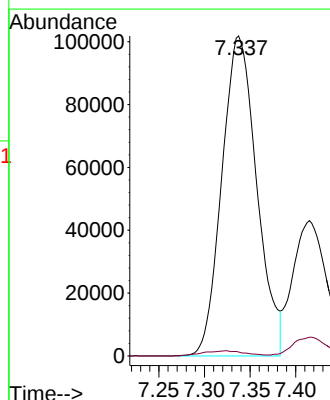
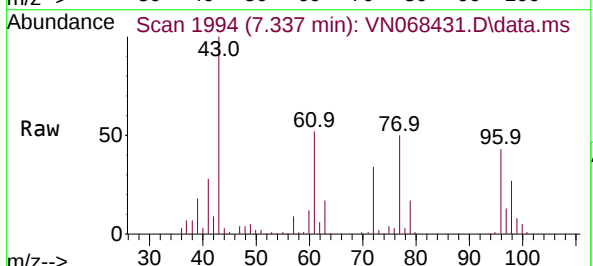
Acq: 8 Sep 2021 11:11

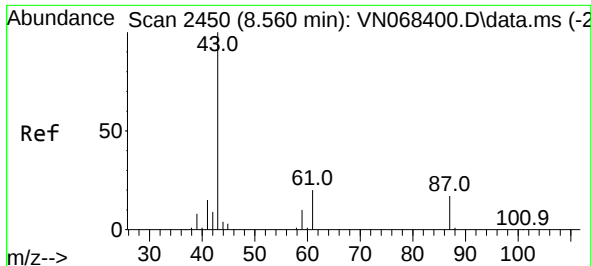
Tgt Ion: 43 Resp: 271461

Ion Ratio Lower Upper

43 100

45 1.1 1.0 1.6

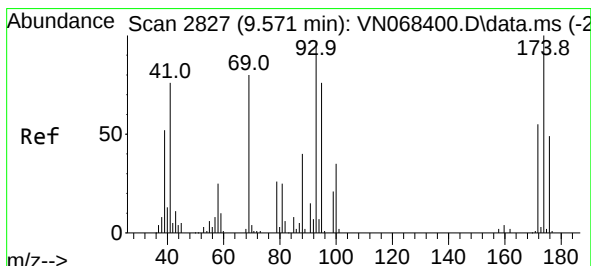
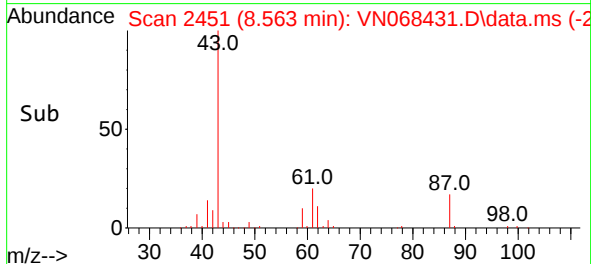
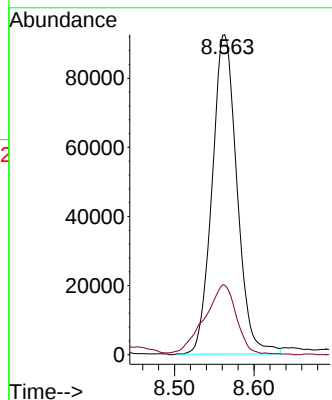
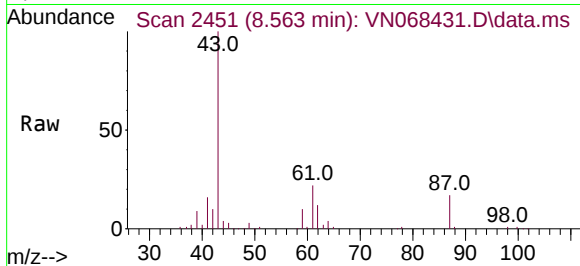




#44  
Isopropyl Acetate  
Concen: 20.335 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

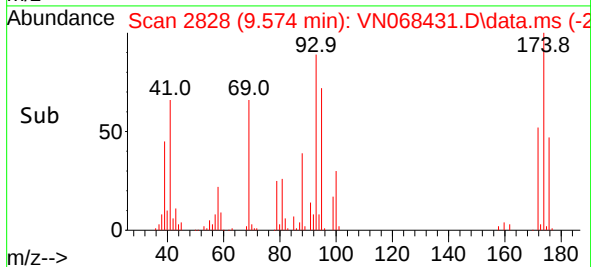
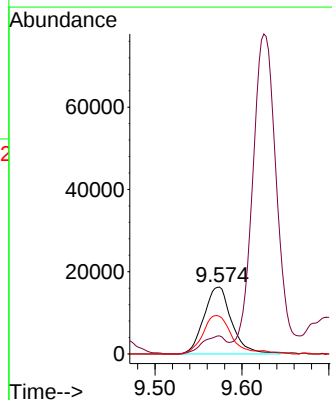
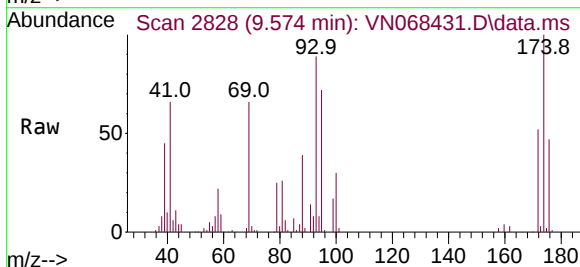
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

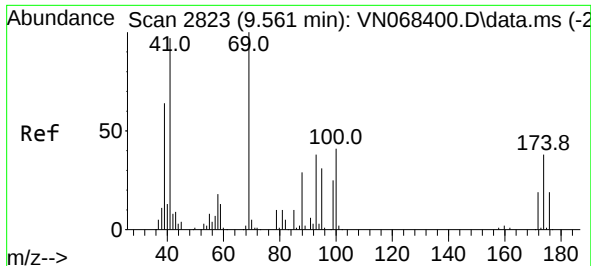
Tgt Ion: 43 Resp: 201051  
Ion Ratio Lower Upper  
43 100  
61 26.9 19.0 28.6



#45  
1,4-Dioxane  
Concen: 407.579 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 88 Resp: 36021  
Ion Ratio Lower Upper  
88 100  
43 23.2 18.0 27.0  
58 57.9 57.7 86.5

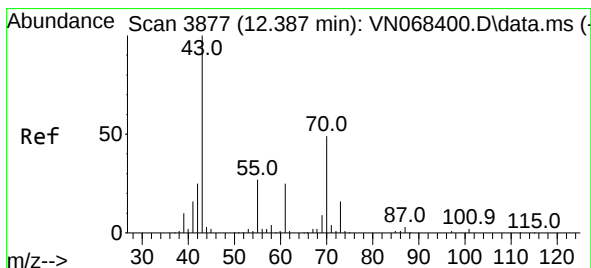
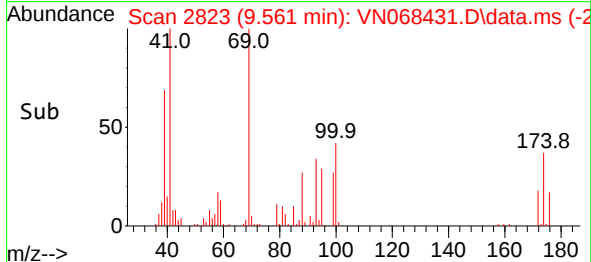
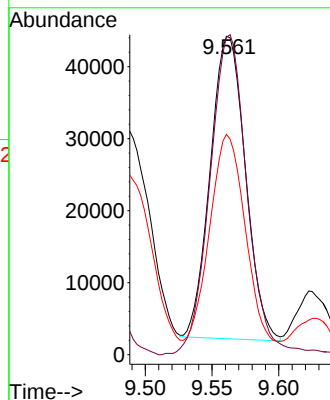
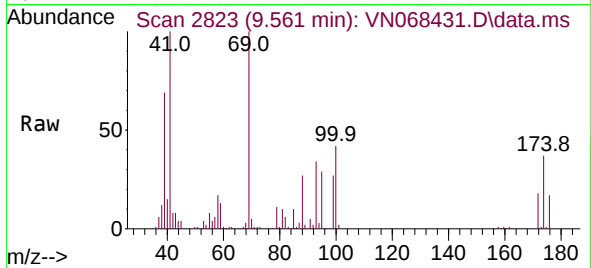




#46  
Methyl methacrylate  
Concen: 18.405 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

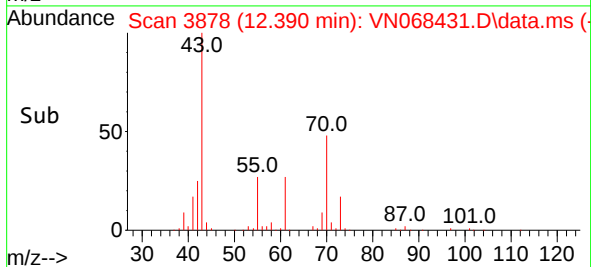
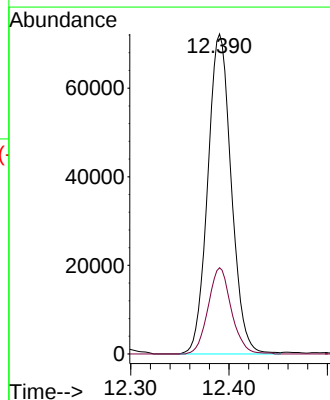
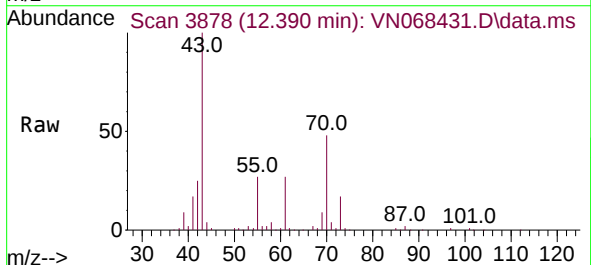
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

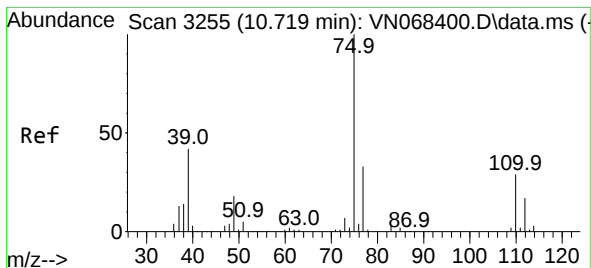
Tgt Ion: 41 Resp: 76934  
Ion Ratio Lower Upper  
41 100  
69 103.6 38.0 114.1  
39 68.9 33.9 101.7



#47  
n-amy1 Acetate  
Concen: 17.761 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 43 Resp: 120144  
Ion Ratio Lower Upper  
43 100  
55 26.5 17.6 26.4#

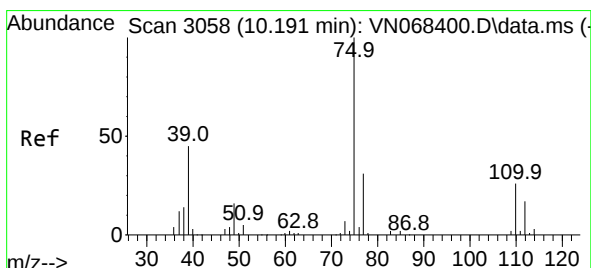
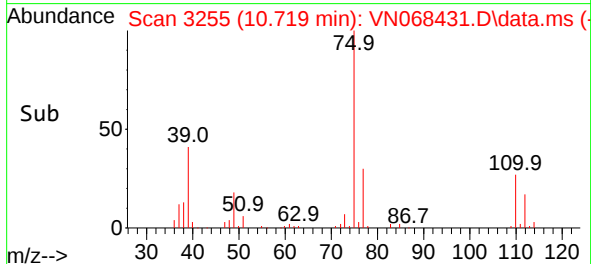
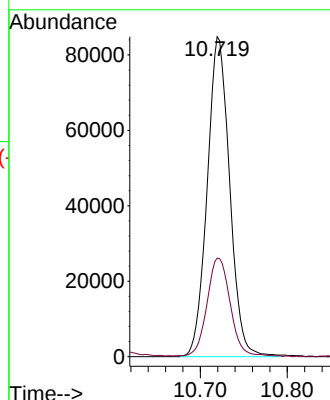
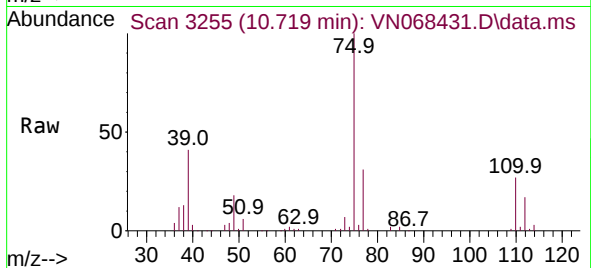




#48  
t-1,3-Dichloropropene  
Concen: 18.867 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

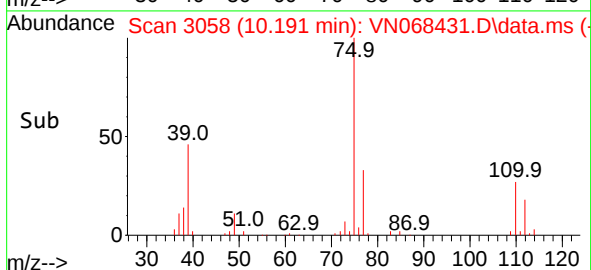
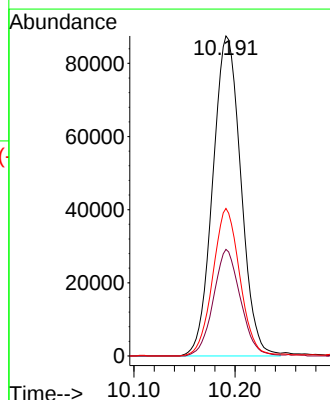
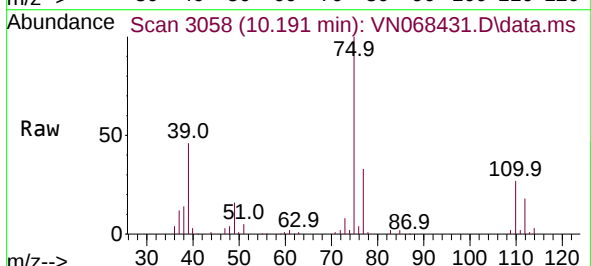
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

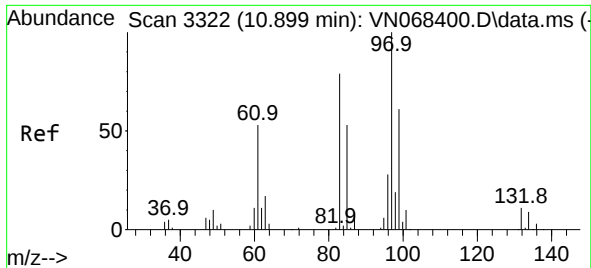
Tgt Ion: 75 Resp: 152165  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.6 37.0



#49  
cis-1,3-Dichloropropene  
Concen: 19.013 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 75 Resp: 169128  
Ion Ratio Lower Upper  
75 100  
77 33.3 26.0 39.0  
39 46.1 50.6 76.0#

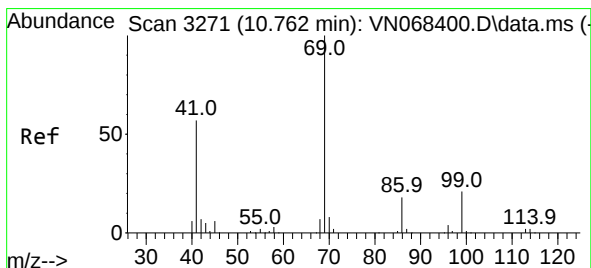
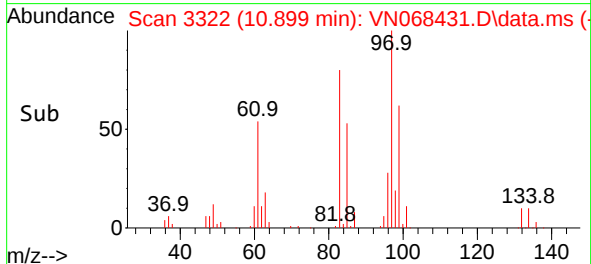
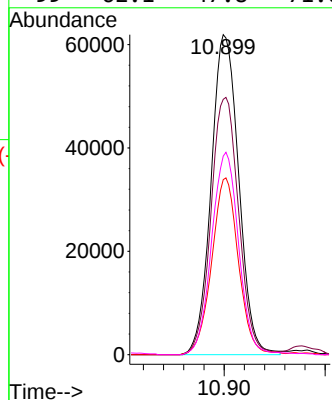
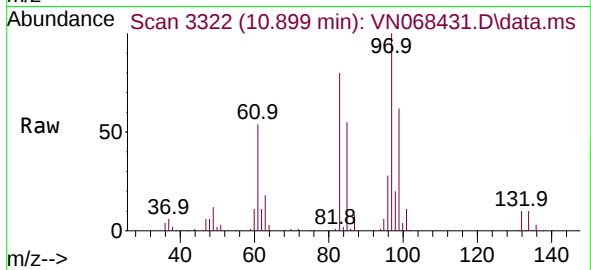




#50  
1,1,2-Trichloroethane  
Concen: 19.609 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

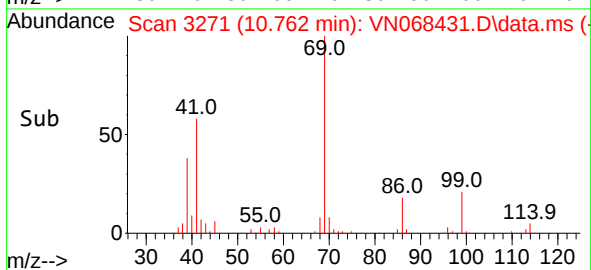
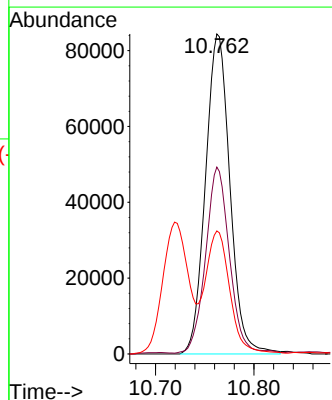
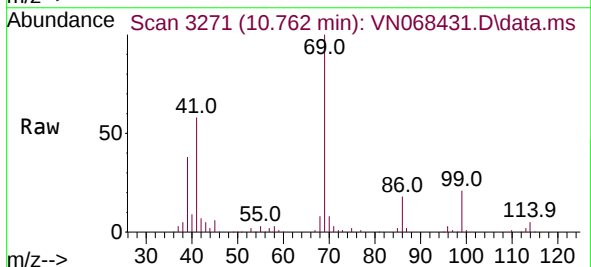
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

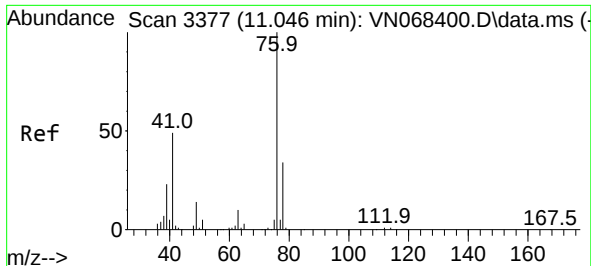
| Tgt Ion: | 97    | Resp: | 117338 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 79.8  | 69.6  | 104.4  |
| 85       | 54.7  | 45.2  | 67.8   |
| 99       | 62.1  | 47.8  | 71.6   |



#51  
Ethyl methacrylate  
Concen: 18.995 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

| Tgt Ion: | 69    | Resp: | 146135 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.9  | 36.8  | 110.4  |
| 39       | 38.0  | 23.8  | 71.2   |

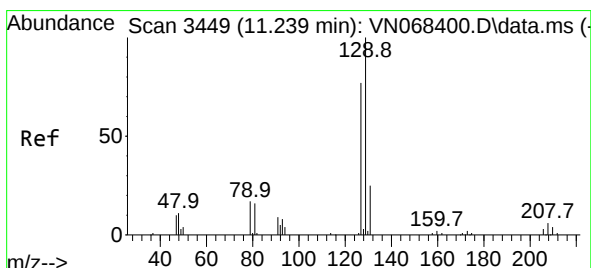
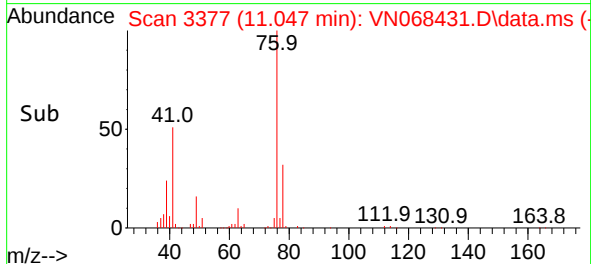
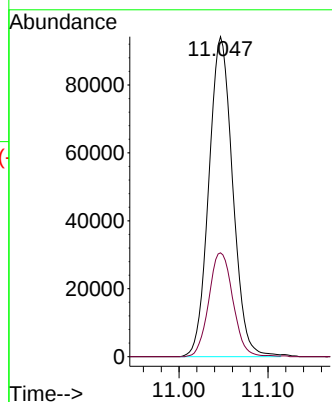
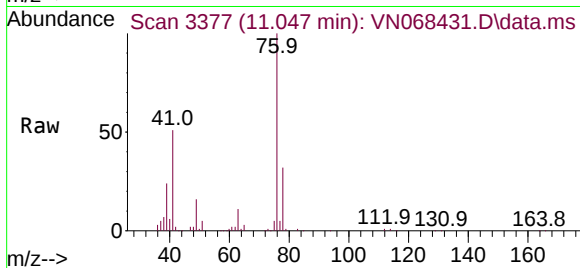




#52  
1,3-Dichloropropane  
Concen: 19.391 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

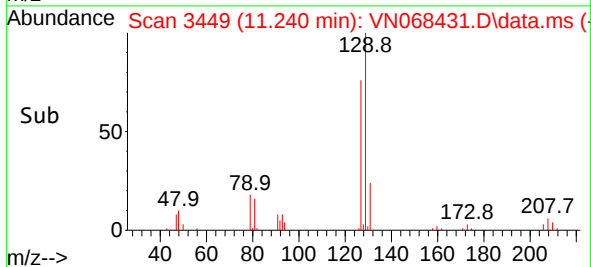
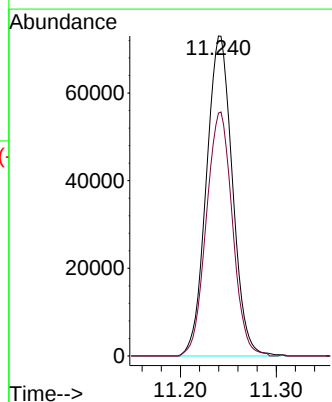
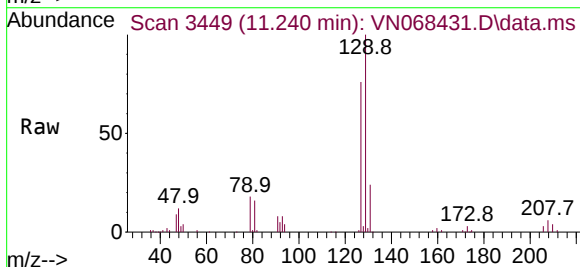
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

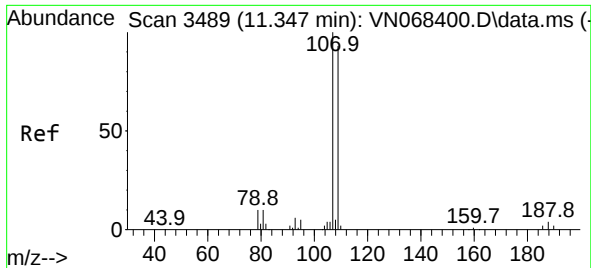
Tgt Ion: 76 Resp: 175192  
Ion Ratio Lower Upper  
76 100  
78 32.7 0.0 64.0



#53  
Dibromochloromethane  
Concen: 19.121 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 129 Resp: 137891  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.8 116.4

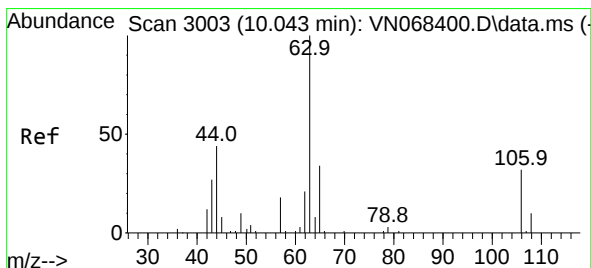
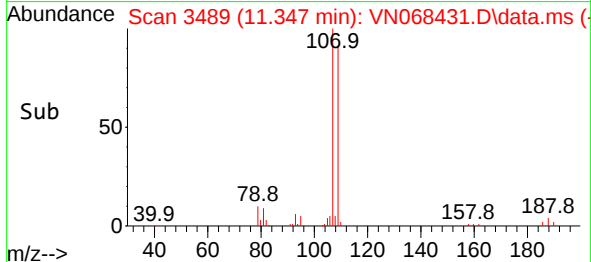
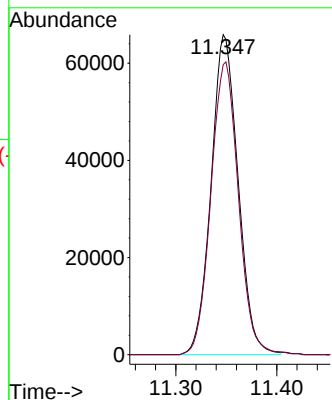
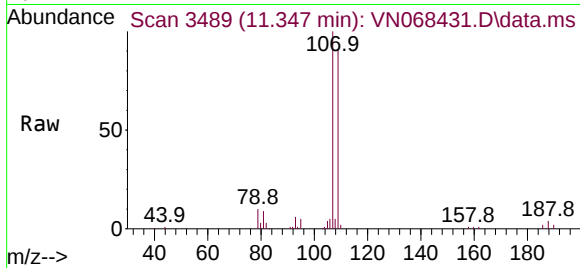




#54  
1,2-Dibromoethane  
Concen: 19.550 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

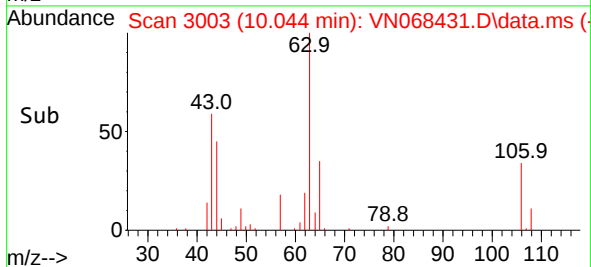
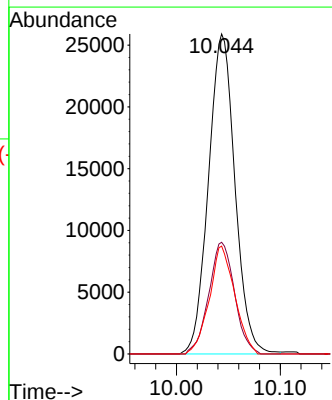
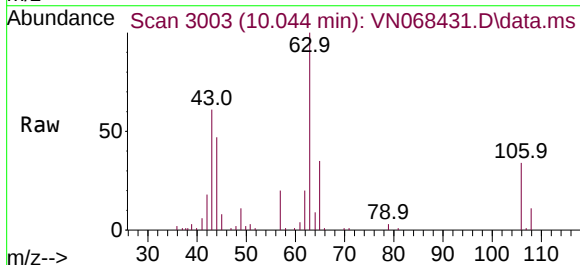
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

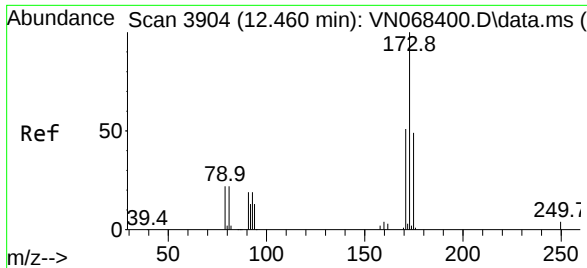
Tgt Ion:107 Resp: 122275  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.0 112.6



#55  
2-Chloroethyl vinyl ether  
Concen: 91.162 ug/l  
RT: 10.044 min Scan# 3003  
Delta R.T. 0.001 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 63 Resp: 45956  
Ion Ratio Lower Upper  
63 100  
65 33.9 25.6 38.4  
106 32.2 20.0 30.0#

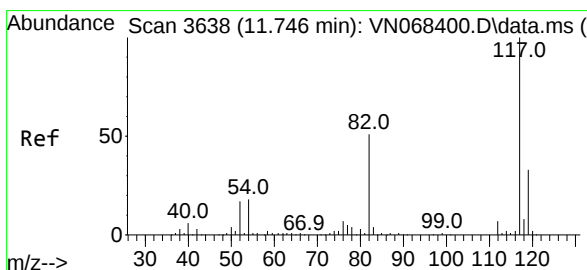
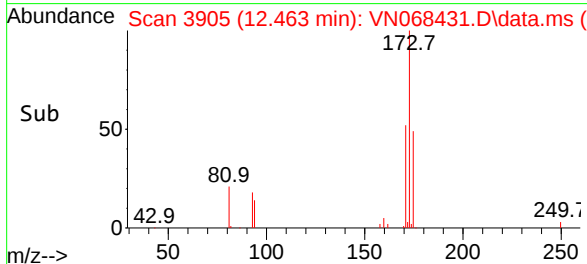
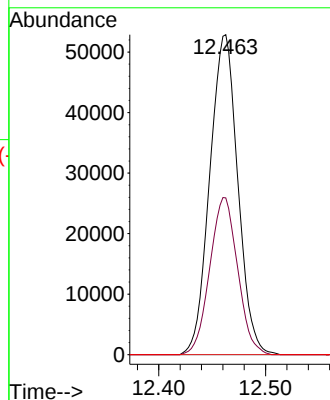
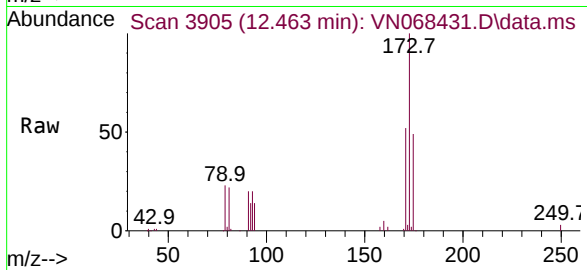




#56  
Bromoform  
Concen: 17.482 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

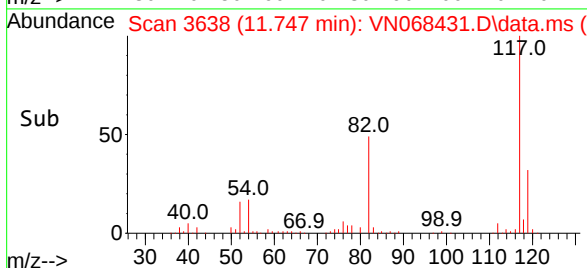
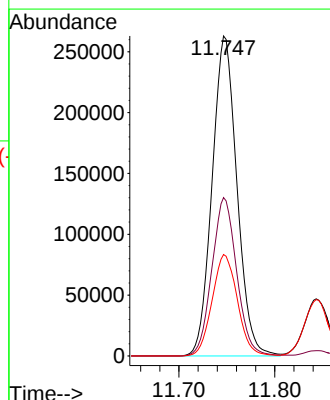
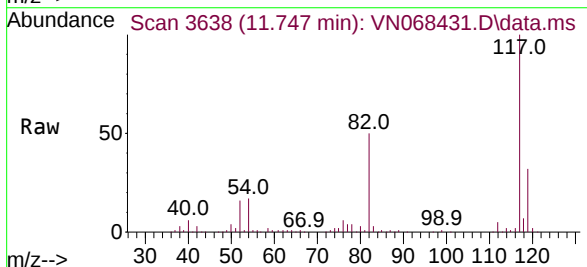
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

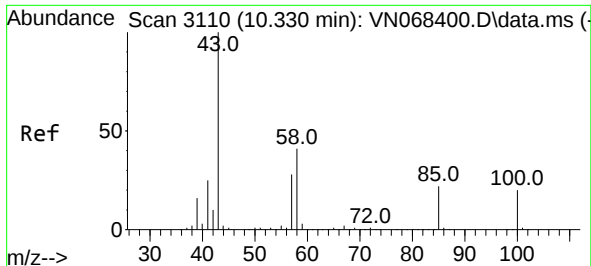
Tgt Ion:173 Resp: 96475  
Ion Ratio Lower Upper  
173 100  
175 48.7 39.4 59.2  
254 0.0 0.0 0.0



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:117 Resp: 473108  
Ion Ratio Lower Upper  
117 100  
82 49.5 52.5 78.7#  
119 32.3 25.8 38.8

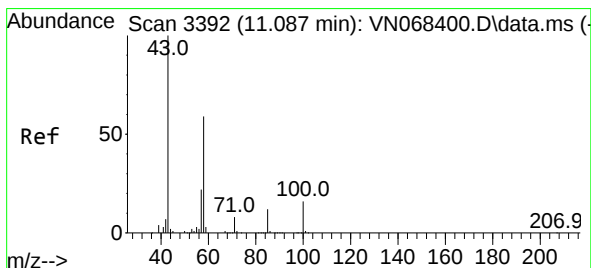
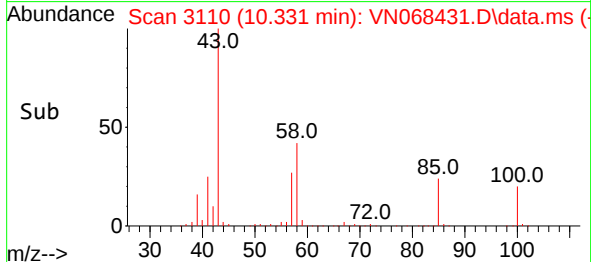
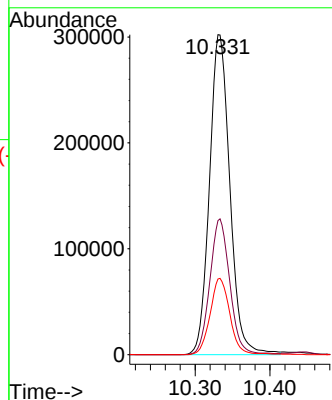
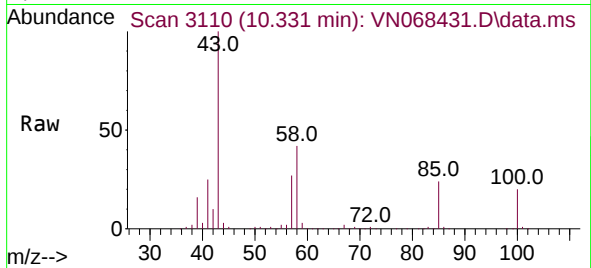




#58  
4-Methyl-2-Pentanone  
Concen: 104.118 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

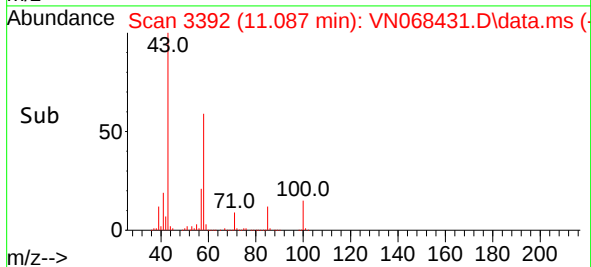
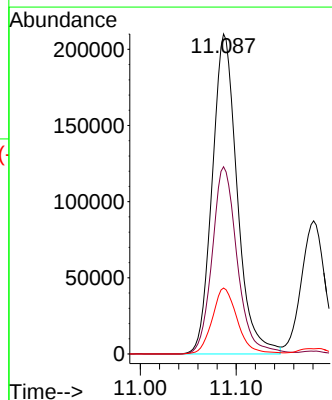
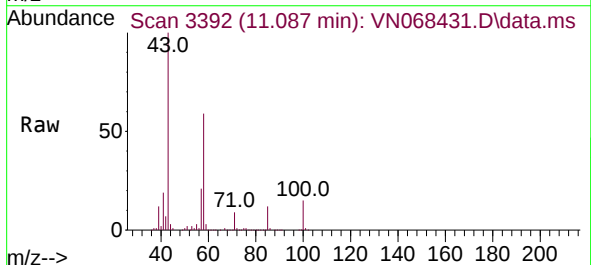
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

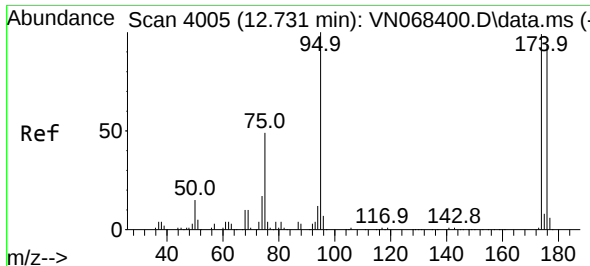
Tgt Ion: 43 Resp: 573208  
Ion Ratio Lower Upper  
43 100  
58 41.3 29.0 43.4  
85 22.9 13.2 19.8#



#59  
2-Hexanone  
Concen: 99.528 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 43 Resp: 380258  
Ion Ratio Lower Upper  
43 100  
58 58.9 39.4 59.0  
57 20.8 14.4 21.6

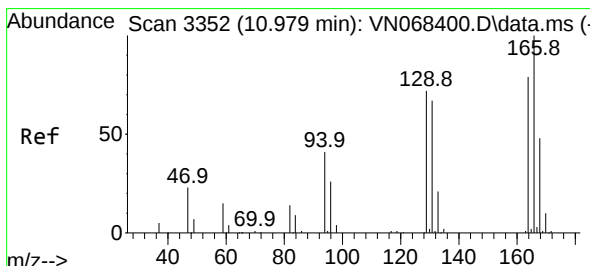
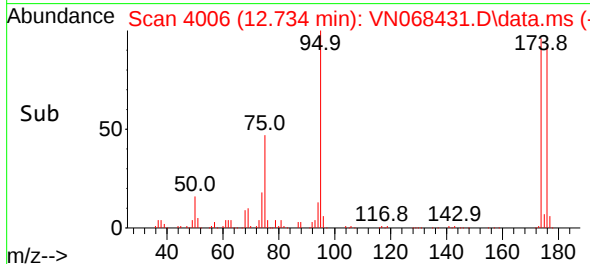
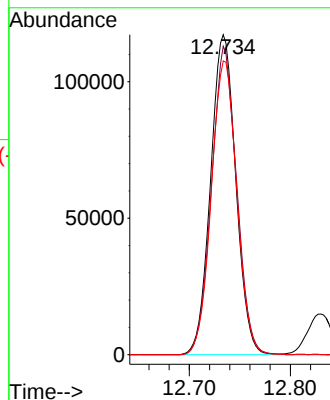
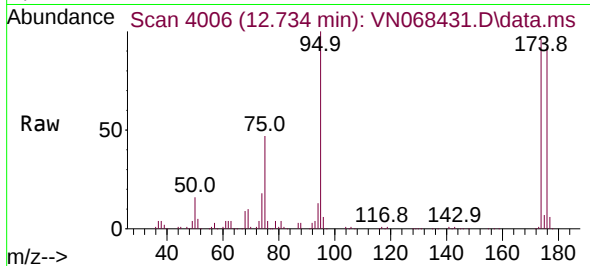




#60  
4-Bromofluorobenzene  
Concen: 30.249 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

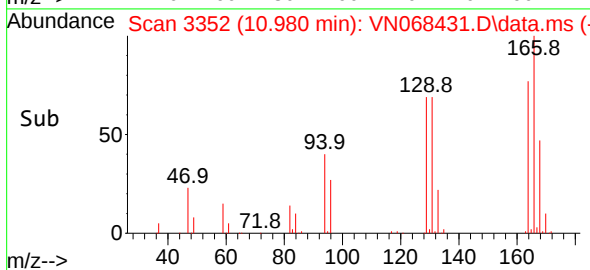
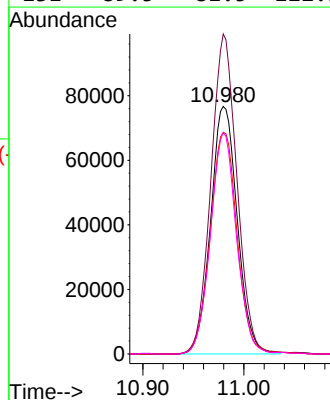
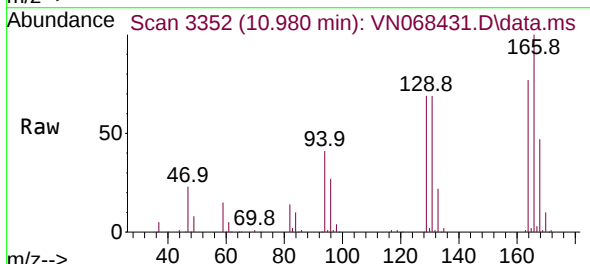
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

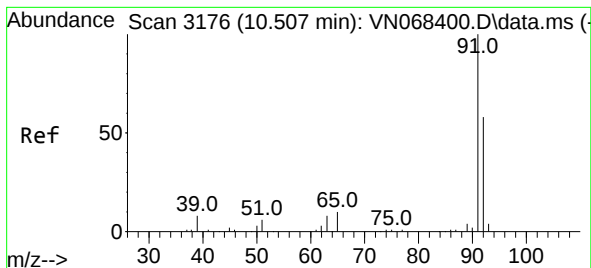
Tgt Ion: 95 Resp: 202662  
Ion Ratio Lower Upper  
95 100  
174 96.1 47.7 71.5#  
176 93.3 45.7 68.5#



#61  
Tetrachloroethene  
Concen: 19.207 ug/l  
RT: 10.980 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:164 Resp: 140495  
Ion Ratio Lower Upper  
164 100  
166 129.1 101.0 151.4  
129 89.5 85.5 128.3  
131 89.5 81.5 122.3





#62

Toluene

Concen: 19.399 ug/l

RT: 10.508 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VN068431.D

Acq: 8 Sep 2021 11:11

Tgt Ion: 91 Resp: 503587

Ion Ratio Lower Upper

91 100

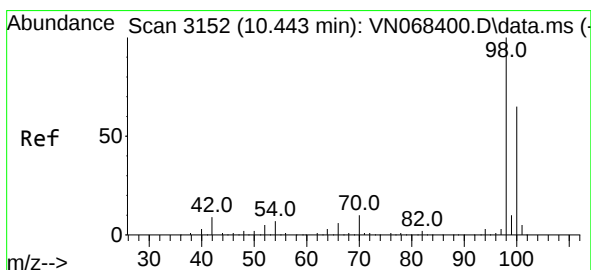
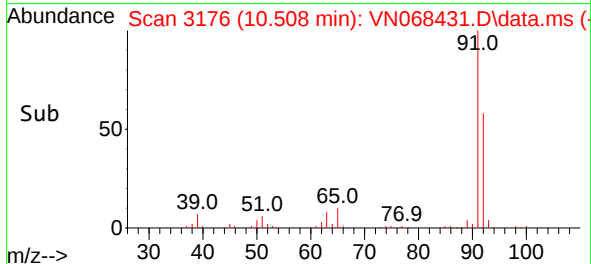
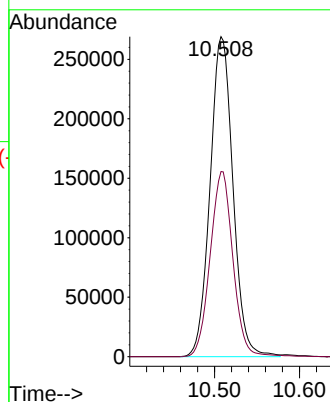
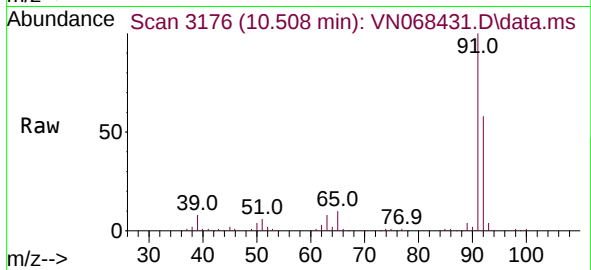
92 57.6 46.1 69.1

Instrument :

MSVOA\_N

ClientSampleId :

VN0908WBSD01



#63

Toluene-d8

Concen: 30.509 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068431.D

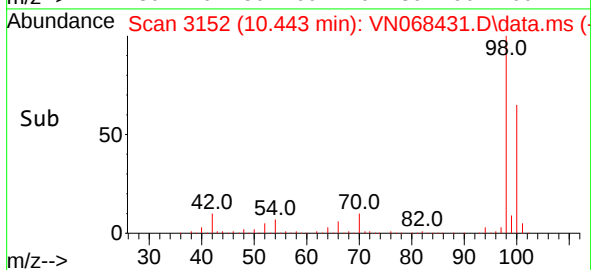
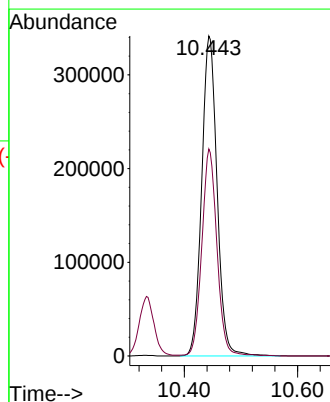
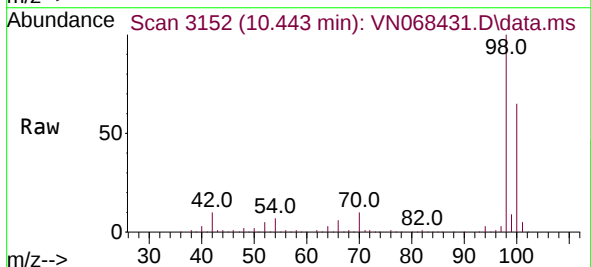
Acq: 8 Sep 2021 11:11

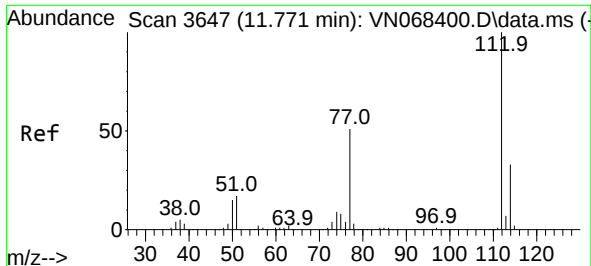
Tgt Ion: 98 Resp: 642777

Ion Ratio Lower Upper

98 100

100 62.5 51.2 76.8

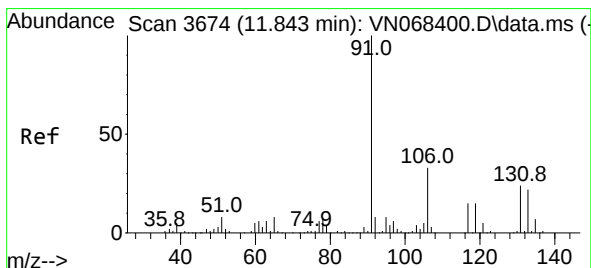
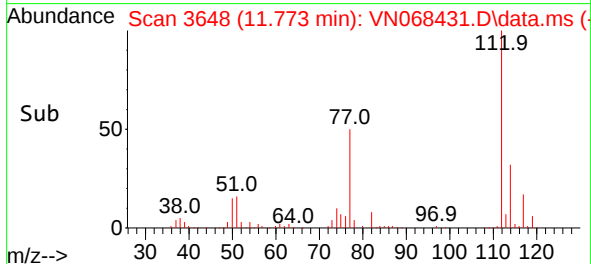
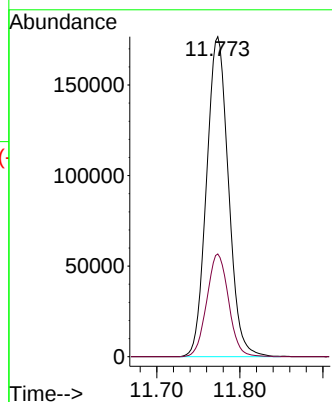
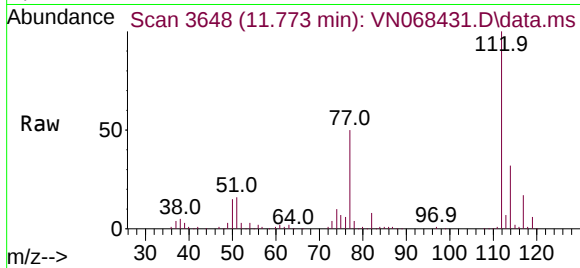




#64  
Chlorobenzene  
Concen: 19.328 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

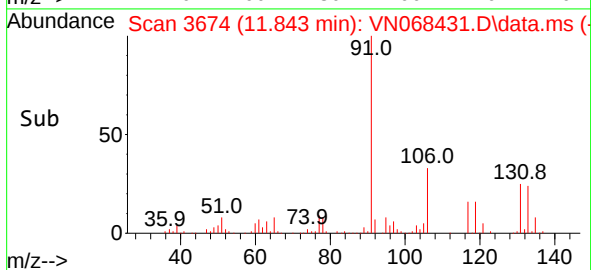
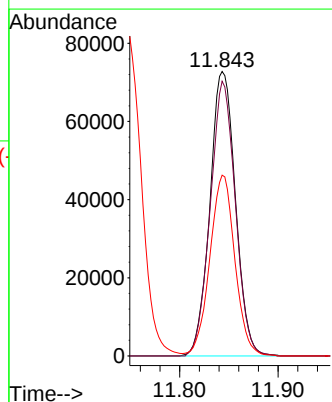
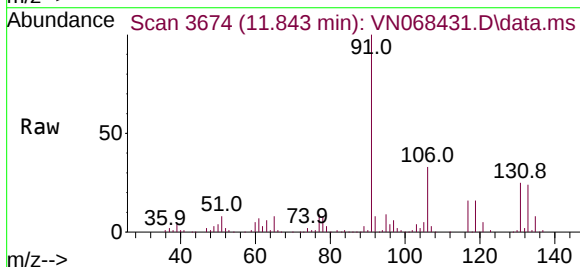
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

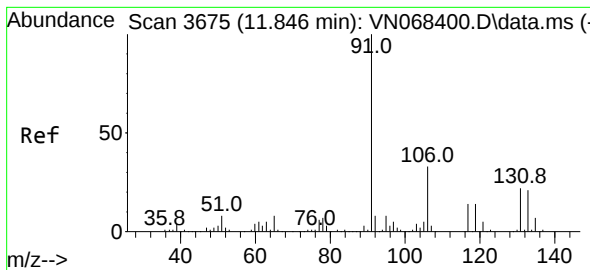
Tgt Ion:112 Resp: 323485  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.4 38.0



#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.665 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:131 Resp: 131774  
Ion Ratio Lower Upper  
131 100  
133 94.7 0.0 189.6  
119 62.4 0.0 130.0

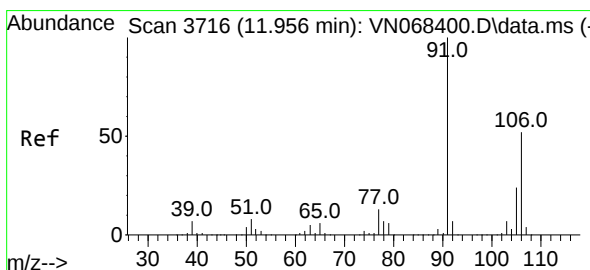
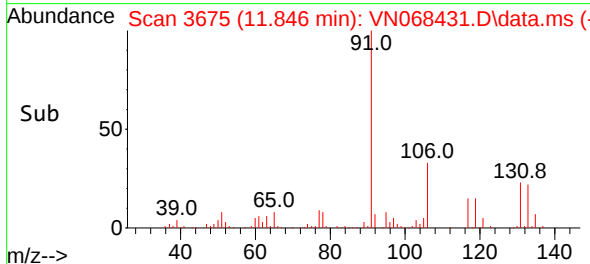
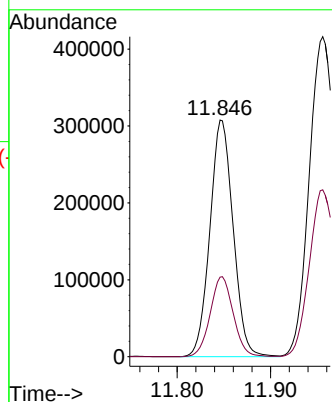
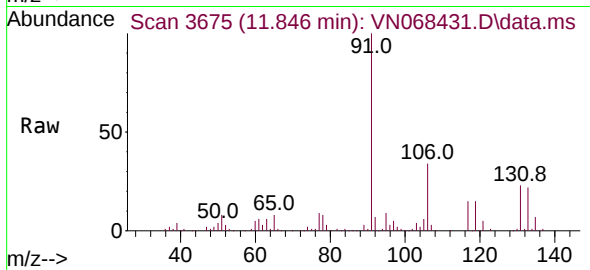




#66  
Ethyl Benzene  
Concen: 19.069 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

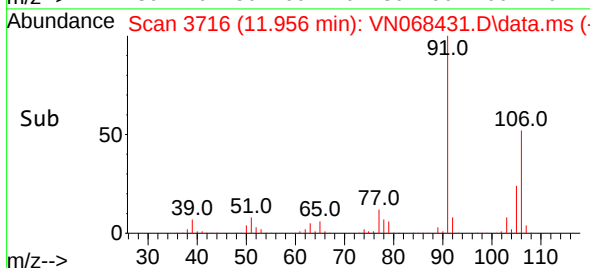
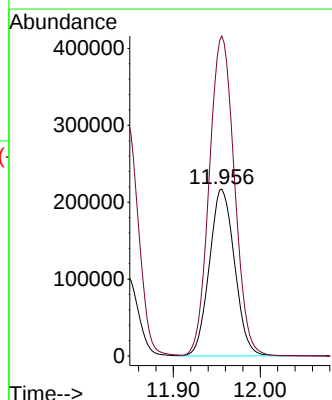
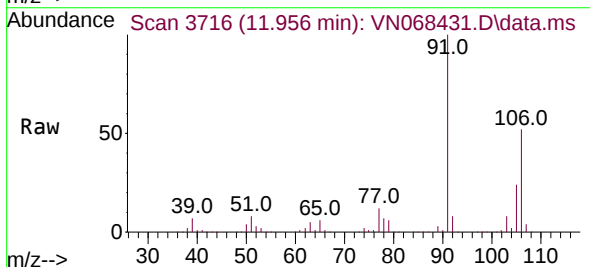
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

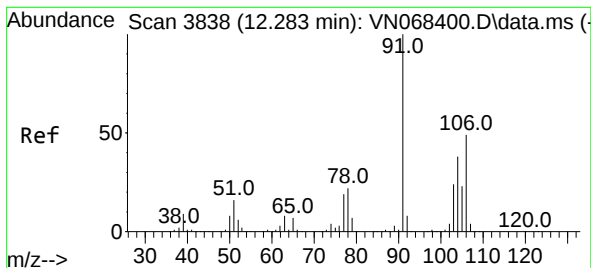
Tgt Ion: 91 Resp: 532841  
Ion Ratio Lower Upper  
91 100  
106 33.6 23.4 35.0



#67  
m/p-Xylenes  
Concen: 38.154 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:106 Resp: 437142  
Ion Ratio Lower Upper  
106 100  
91 191.3 181.3 271.9

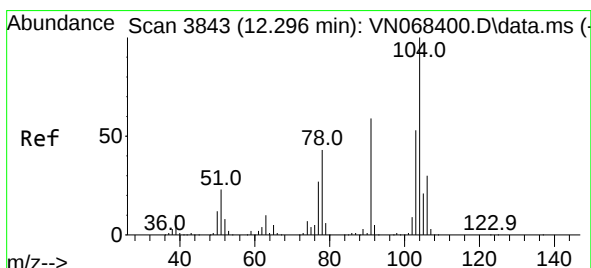
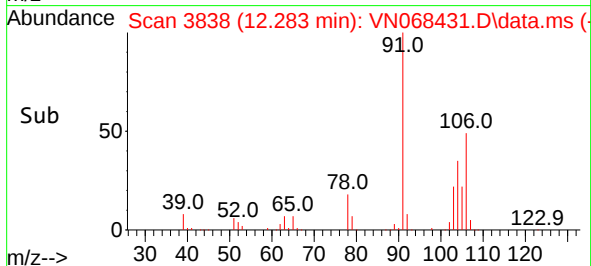
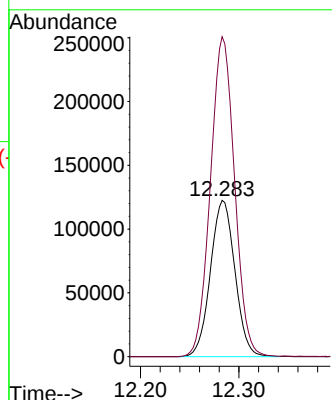
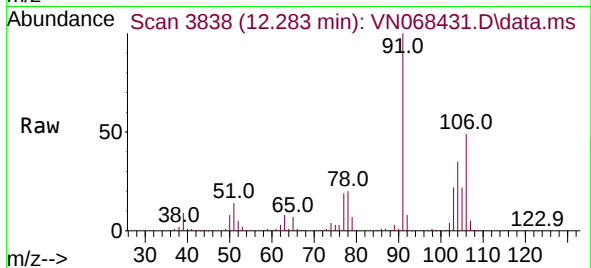




#68  
o-Xylene  
Concen: 19.077 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

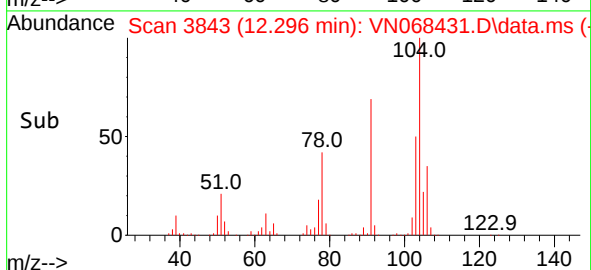
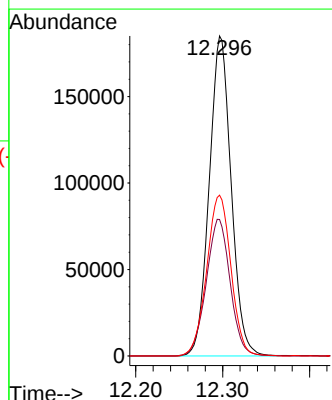
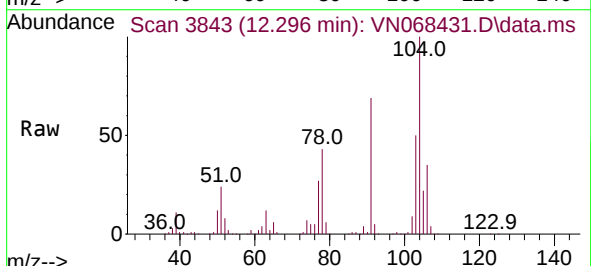
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

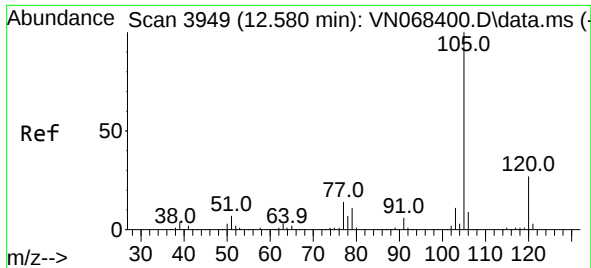
Tgt Ion:106 Resp: 211703  
Ion Ratio Lower Upper  
106 100  
91 202.2 120.0 360.0



#69  
Styrene  
Concen: 18.514 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:104 Resp: 324392  
Ion Ratio Lower Upper  
104 100  
78 46.7 48.2 72.2#  
103 55.6 44.5 66.7

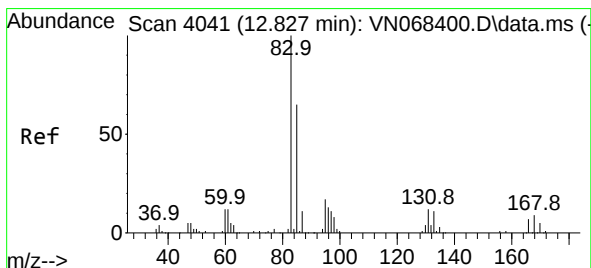
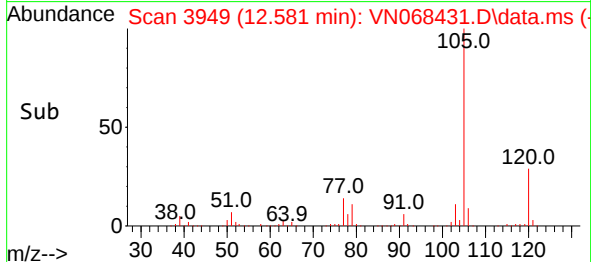
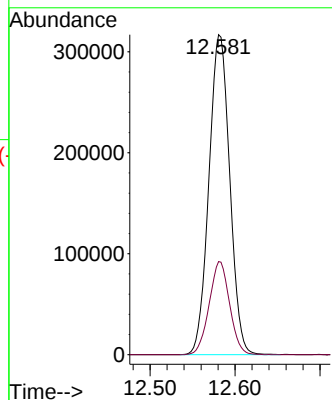
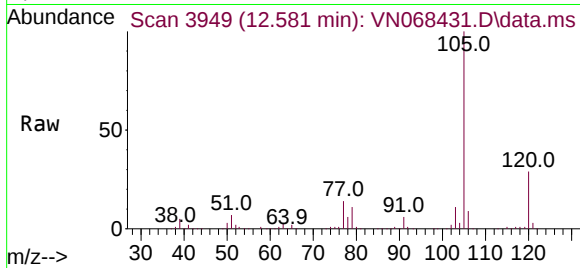




#70  
Isopropylbenzene  
Concen: 18.870 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

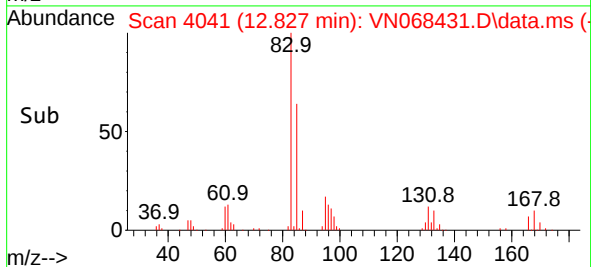
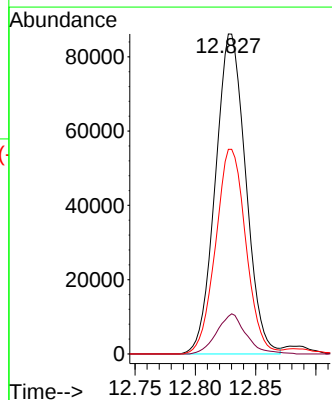
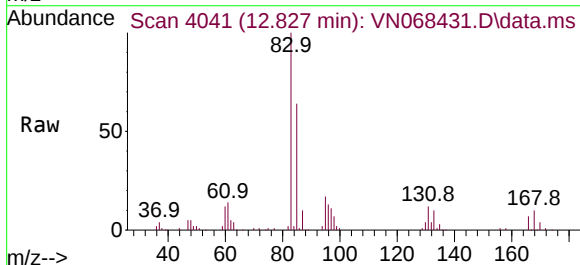
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

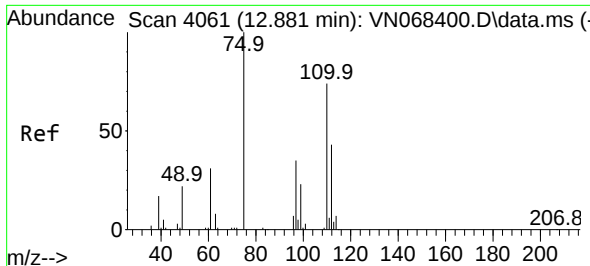
Tgt Ion:105 Resp: 539376  
Ion Ratio Lower Upper  
105 100  
120 28.6 17.6 32.6



#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.636 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 83 Resp: 150849  
Ion Ratio Lower Upper  
83 100  
131 12.1 4.7 14.0  
85 63.8 32.2 96.6

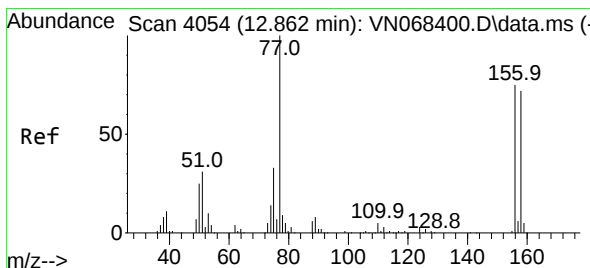
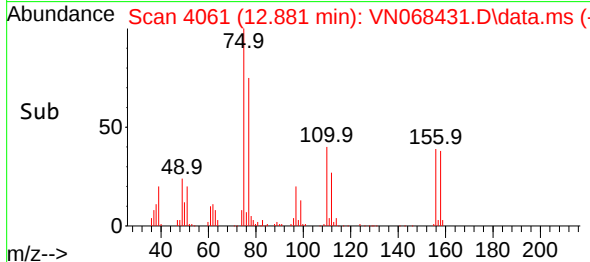
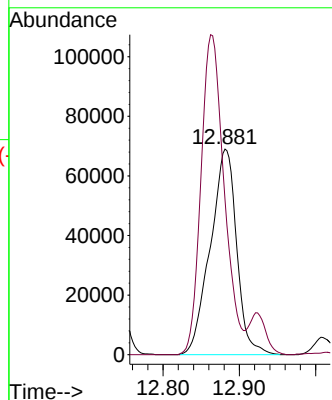
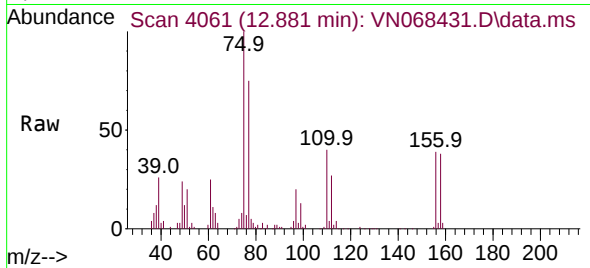




#72  
1,2,3-Trichloropropane  
Concen: 27.672 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

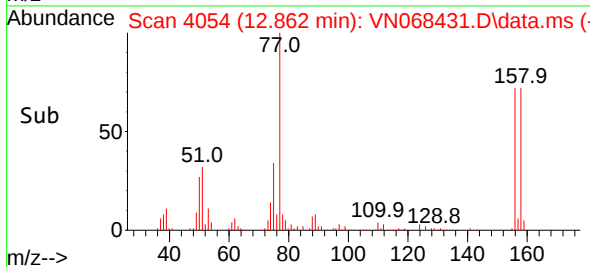
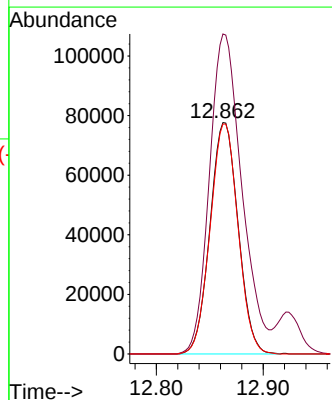
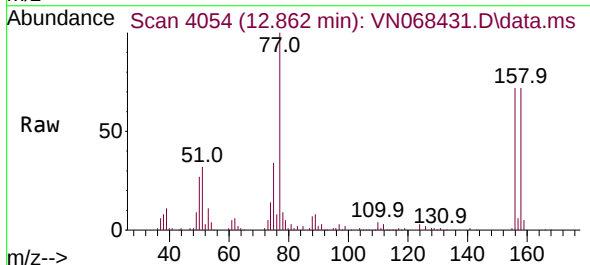
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

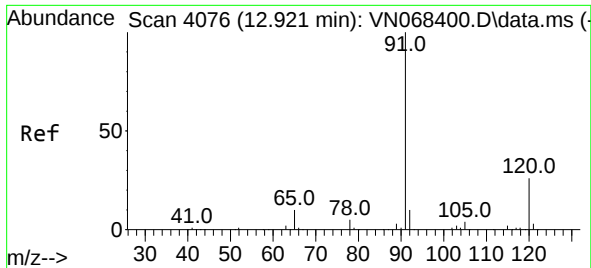
Tgt Ion: 75 Resp: 165828  
Ion Ratio Lower Upper  
75 100  
77 136.2 0.0 374.2



#73  
Bromobenzene  
Concen: 17.958 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:156 Resp: 142061  
Ion Ratio Lower Upper  
156 100  
77 159.0 0.0 548.0  
158 98.7 0.0 194.0

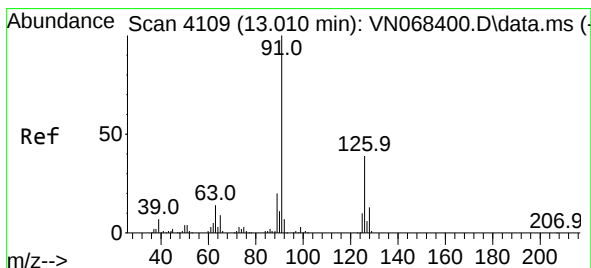
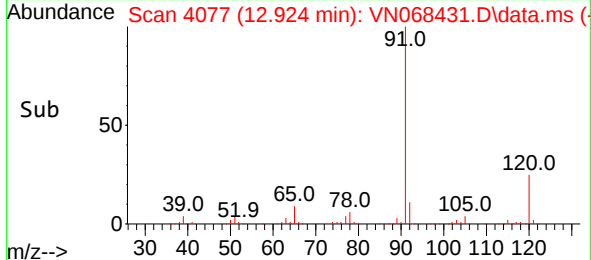
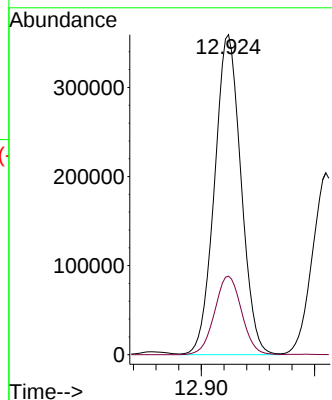
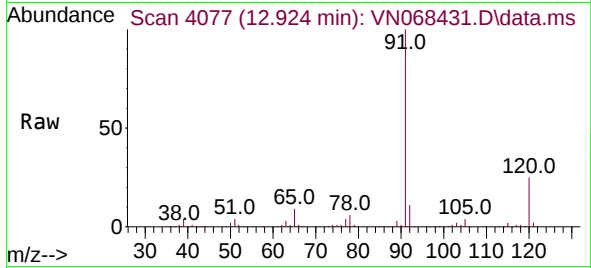




#74  
n-propylbenzene  
Concen: 18.890 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

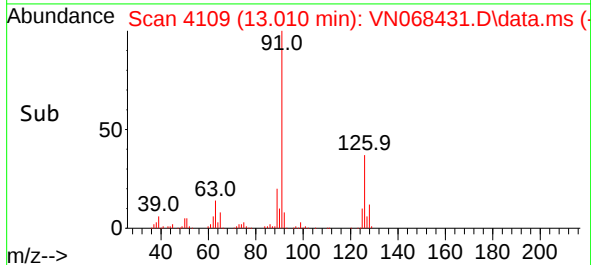
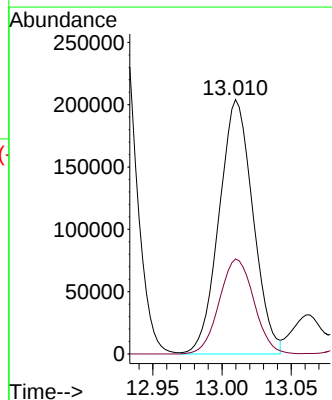
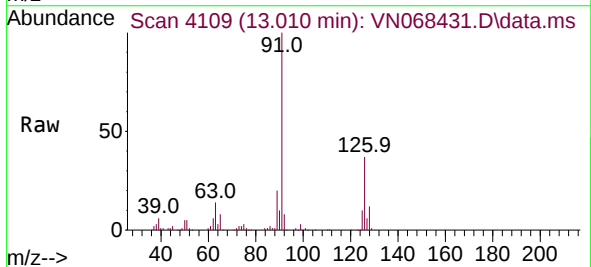
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

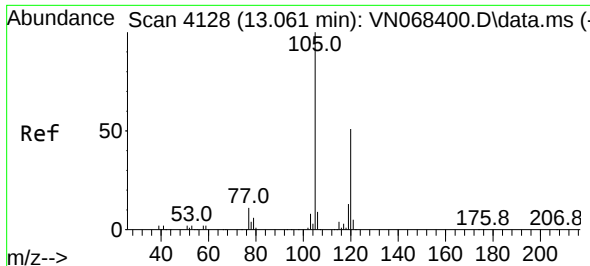
Tgt Ion: 91 Resp: 583241  
Ion Ratio Lower Upper  
91 100  
120 25.0 0.0 41.0



#75  
2-Chlorotoluene  
Concen: 19.000 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 91 Resp: 348143  
Ion Ratio Lower Upper  
91 100  
126 38.0 0.0 0.0#

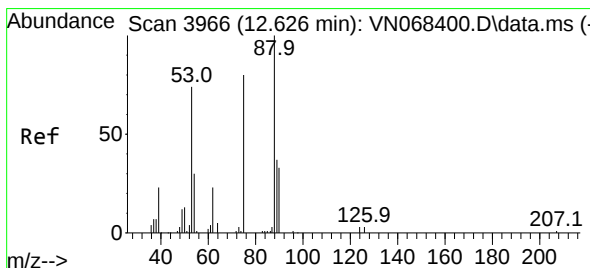
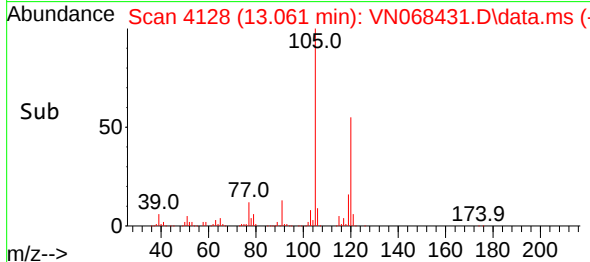
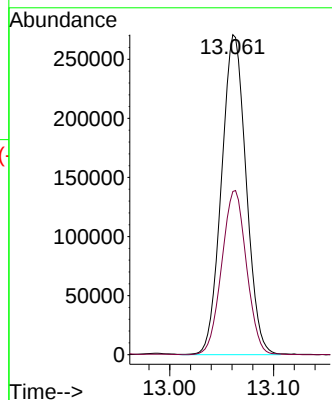
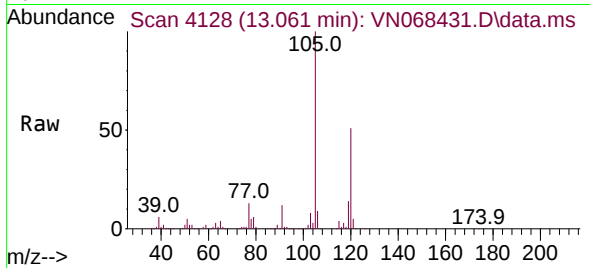




#76  
1,3,5-Trimethylbenzene  
Concen: 18.859 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

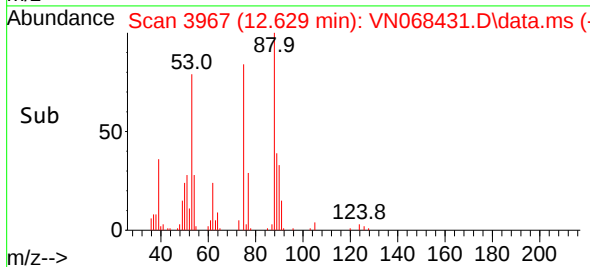
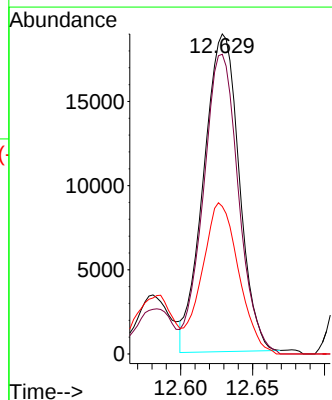
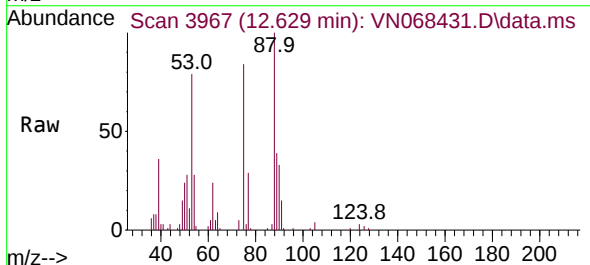
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

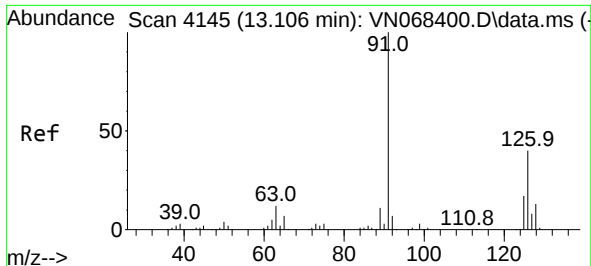
Tgt Ion:105 Resp: 445992  
Ion Ratio Lower Upper  
105 100  
120 51.6 0.0 90.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 17.879 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 75 Resp: 32482  
Ion Ratio Lower Upper  
75 100  
53 94.7 55.2 165.6  
89 46.6 24.5 73.5

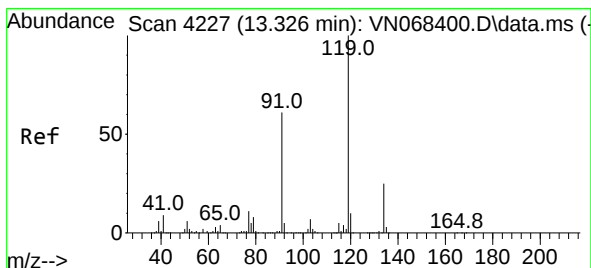
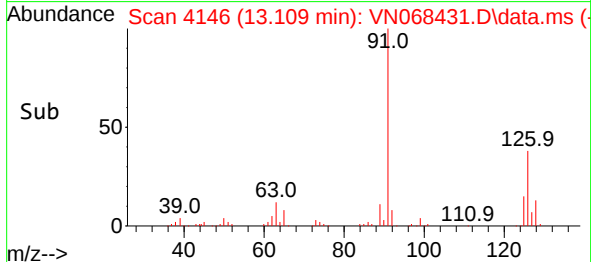
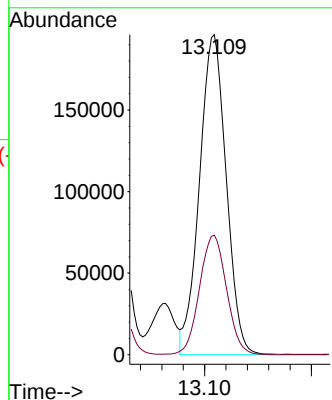
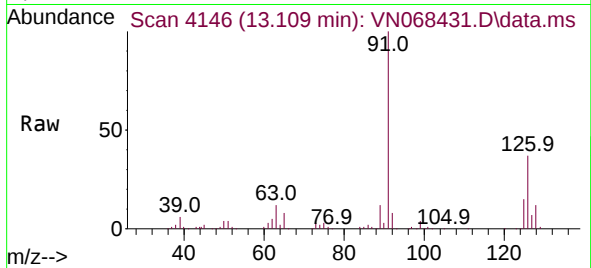




#78  
4-Chlorotoluene  
Concen: 18.972 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

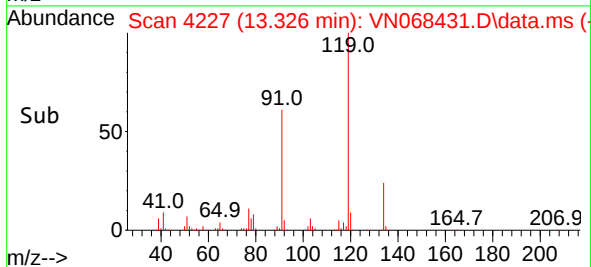
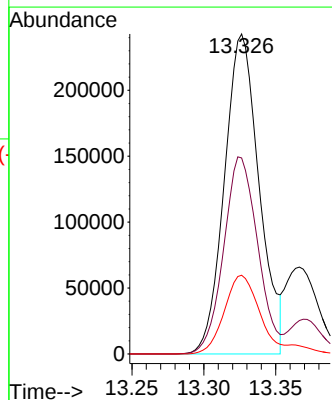
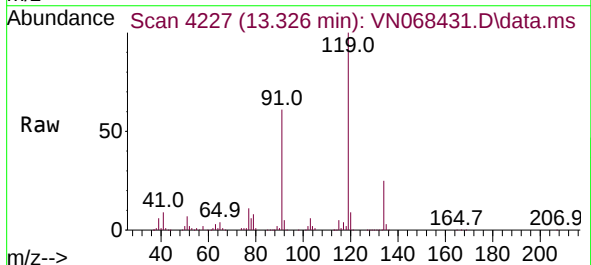
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

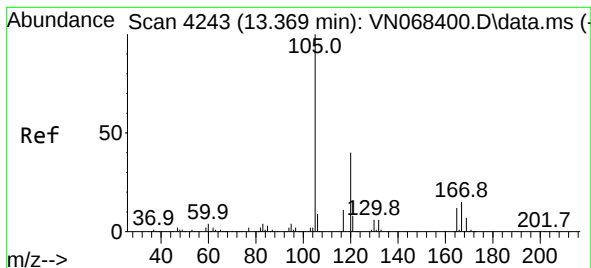
Tgt Ion: 91 Resp: 340847  
Ion Ratio Lower Upper  
91 100  
126 37.8 0.0 57.6



#79  
tert-butylbenzene  
Concen: 18.903 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 119 Resp: 408690  
Ion Ratio Lower Upper  
119 100  
91 60.3 0.0 158.4  
134 25.0 0.0 43.6





#80

1,2,4-Trimethylbenzene

Concen: 23.439 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. 0.137 min

Lab File: VN068431.D

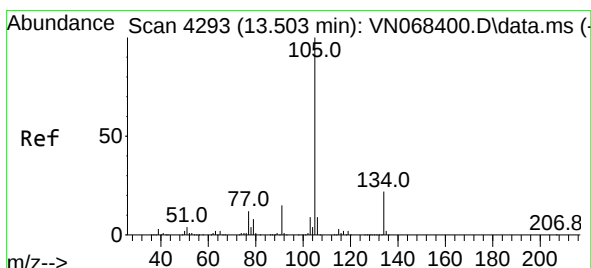
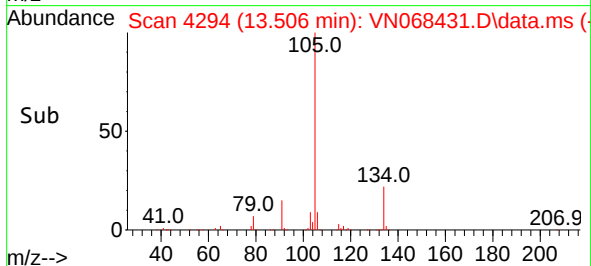
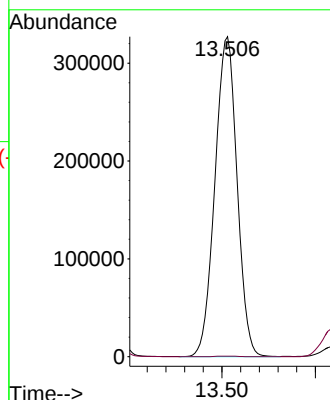
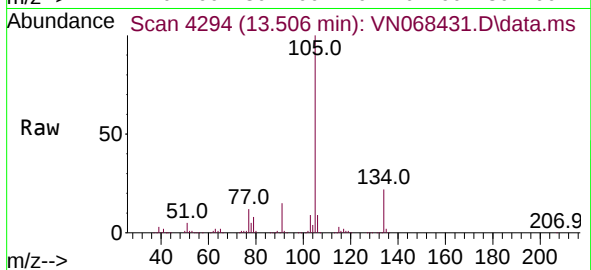
Acq: 8 Sep 2021 11:11

Tgt Ion:105 Resp: 538402

Ion Ratio Lower Upper

105 100

120 0.1 0.0 0.4



#81

sec-Butylbenzene

Concen: 18.550 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. 0.003 min

Lab File: VN068431.D

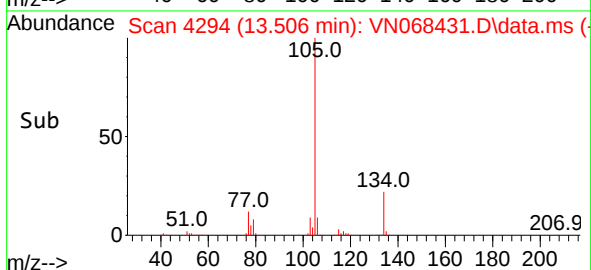
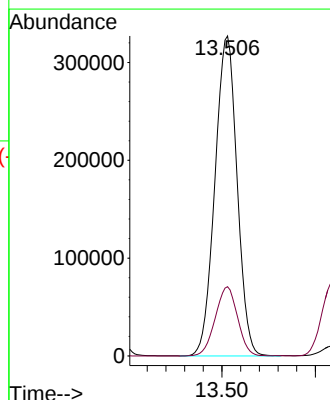
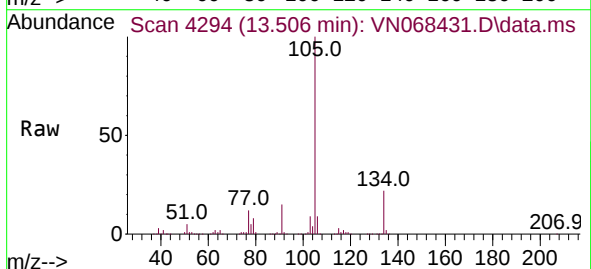
Acq: 8 Sep 2021 11:11

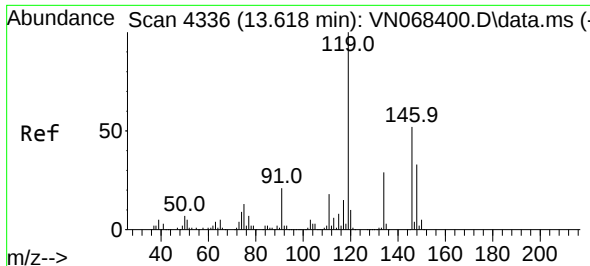
Tgt Ion:105 Resp: 538402

Ion Ratio Lower Upper

105 100

134 21.8 0.0 35.4

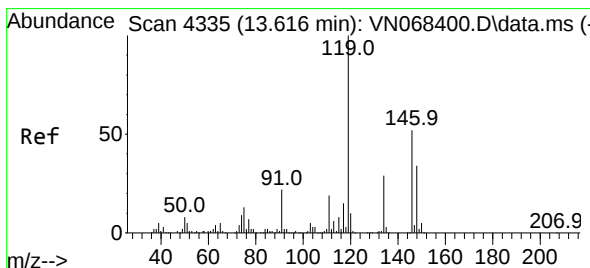
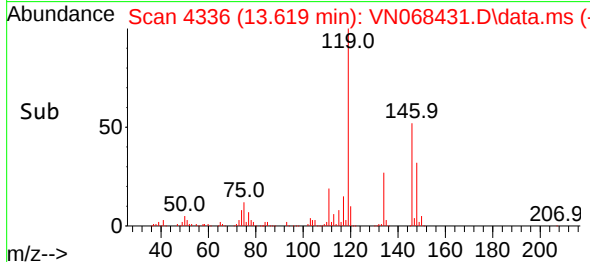
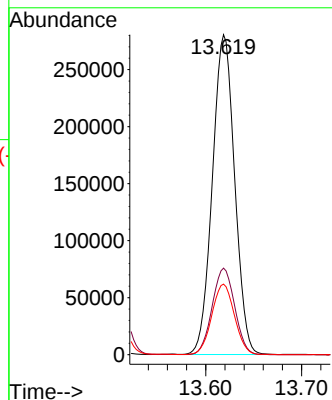
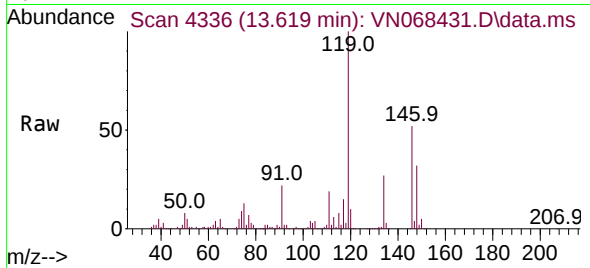




#82  
p-Isopropyltoluene  
Concen: 18.112 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

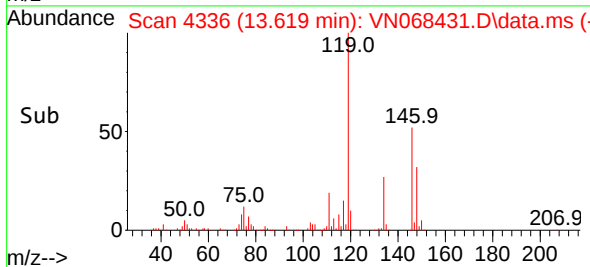
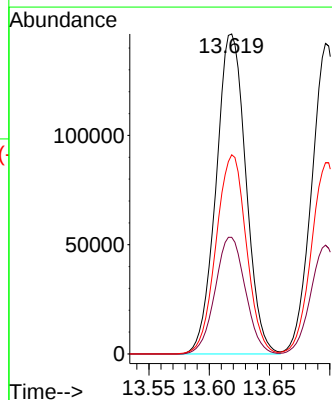
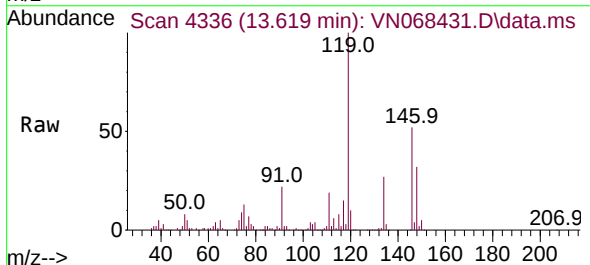
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

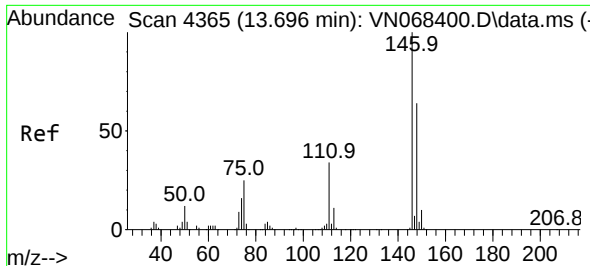
Tgt Ion:119 Resp: 452389  
Ion Ratio Lower Upper  
119 100  
134 27.3 0.0 49.0  
91 22.3 0.0 59.6



#83  
1,3-Dichlorobenzene  
Concen: 18.033 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:146 Resp: 251902  
Ion Ratio Lower Upper  
146 100  
111 37.0 25.0 75.0  
148 63.2 32.6 97.7

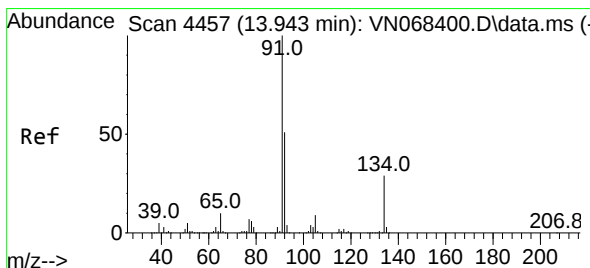
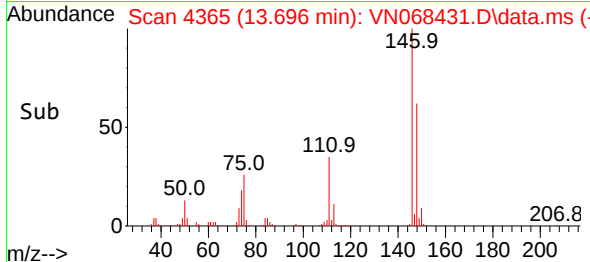
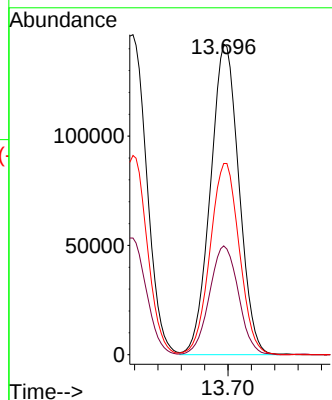
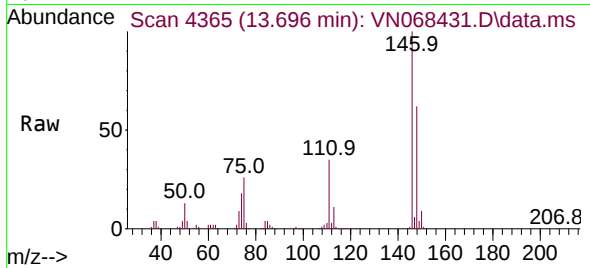




#84  
1,4-Dichlorobenzene  
Concen: 17.923 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

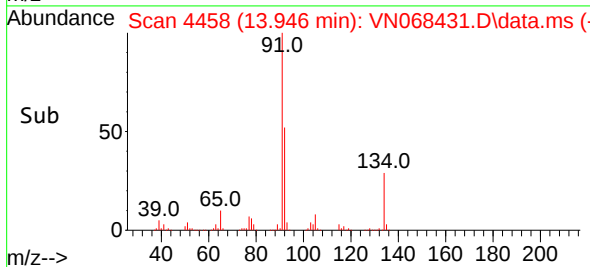
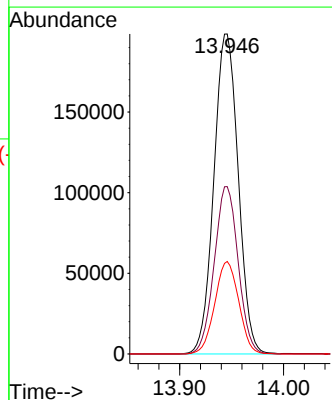
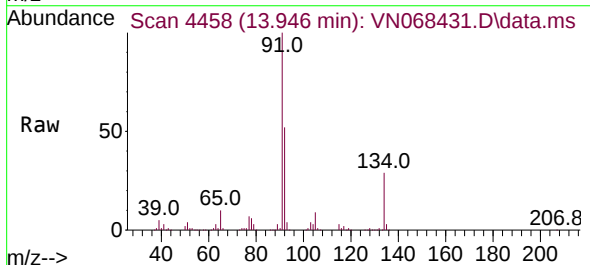
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

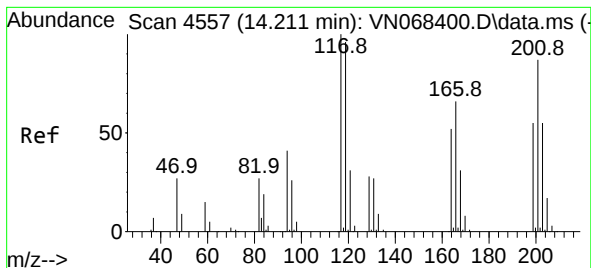
Tgt Ion:146 Resp: 241376  
Ion Ratio Lower Upper  
146 100  
111 35.5 23.6 71.0  
148 63.1 31.8 95.3



#85  
n-Butylbenzene  
Concen: 17.376 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion: 91 Resp: 323610  
Ion Ratio Lower Upper  
91 100  
92 51.5 0.0 103.0  
134 28.5 0.0 43.6

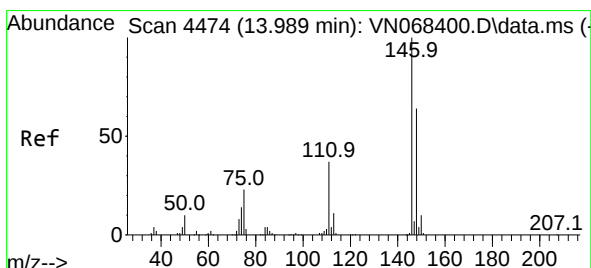
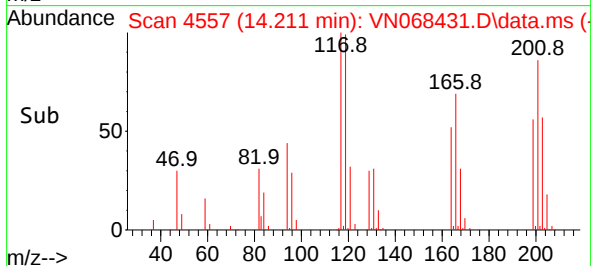
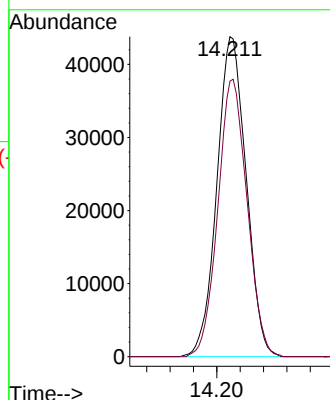
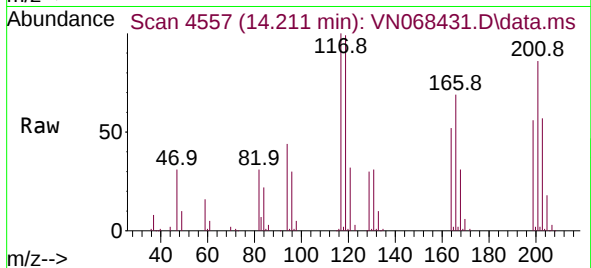




#86  
Hexachloroethane  
Concen: 18.026 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

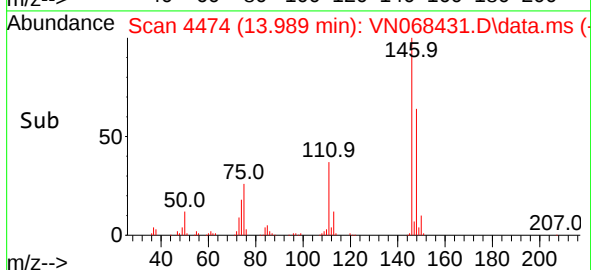
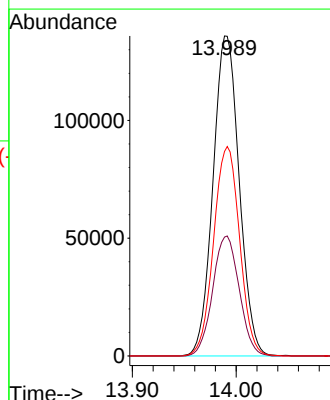
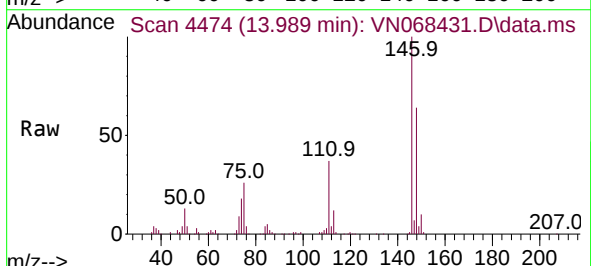
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

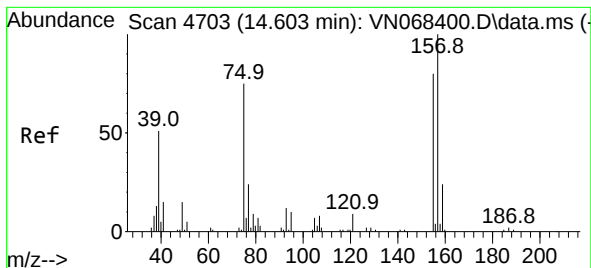
Tgt Ion:117 Resp: 76165  
Ion Ratio Lower Upper  
117 100  
201 86.4 33.3 99.9



#87  
1,2-Dichlorobenzene  
Concen: 17.940 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:146 Resp: 238214  
Ion Ratio Lower Upper  
146 100  
111 37.9 25.0 75.0  
148 64.9 32.0 96.0

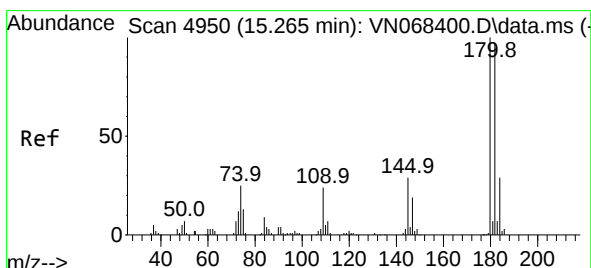
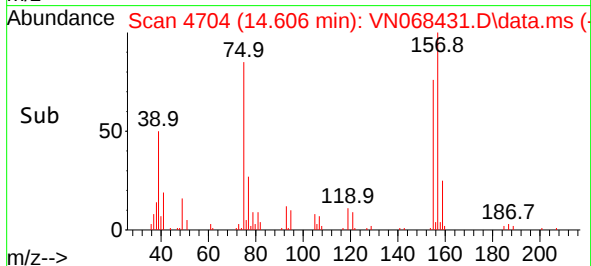
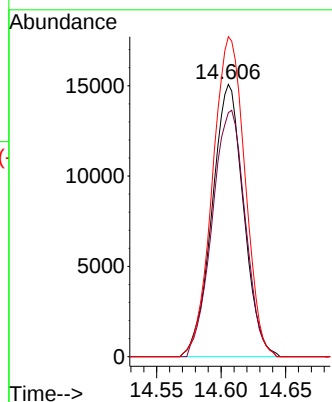
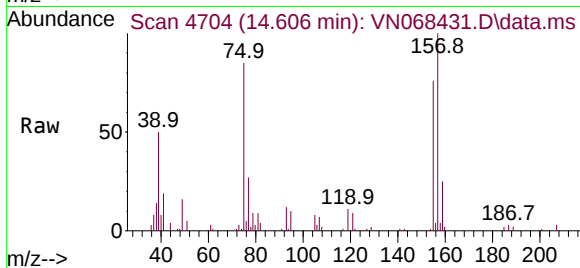




#88  
1,2-Dibromo-3-Chloropropane  
Concen: 20.251 ug/l  
RT: 14.606 min Scan# 4704  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

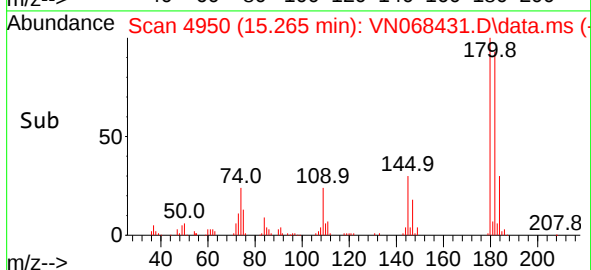
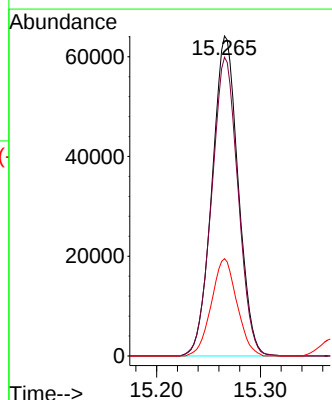
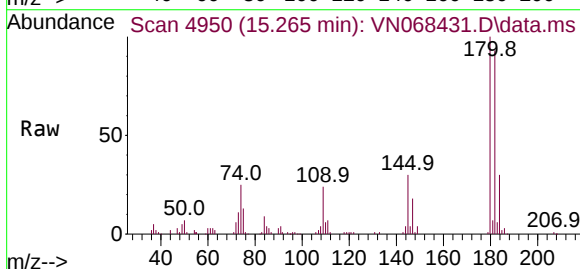
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

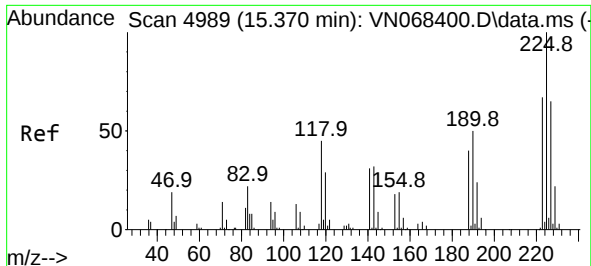
Tgt Ion: 75 Resp: 25621  
Ion Ratio Lower Upper  
75 100  
155 94.5 45.3 67.9#  
157 120.9 58.6 87.8#



#89  
1,2,4-Trichlorobenzene  
Concen: 15.669 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

Tgt Ion:180 Resp: 111756  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.9 113.9  
145 29.9 28.8 43.2

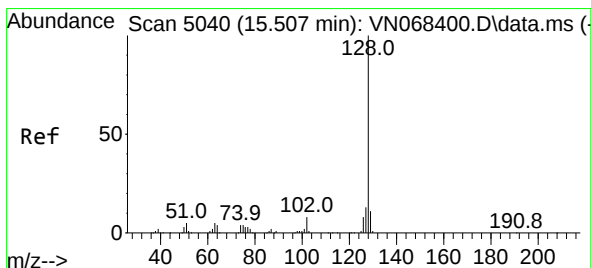
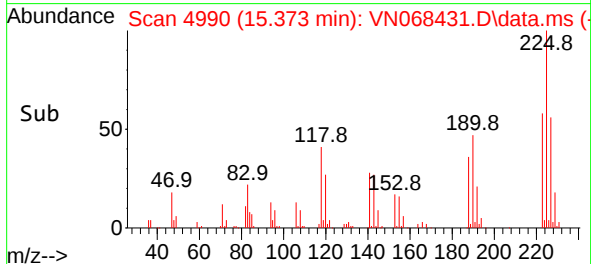
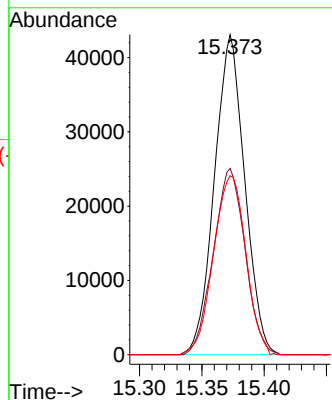
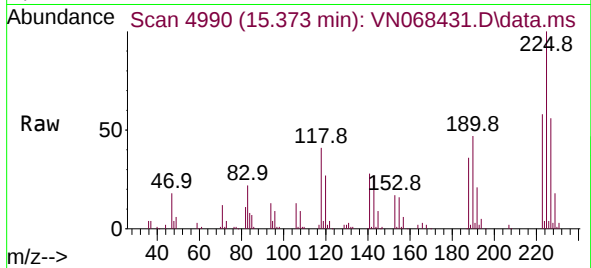




#90  
Hexachlorobutadiene  
Concen: 17.370 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.003 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

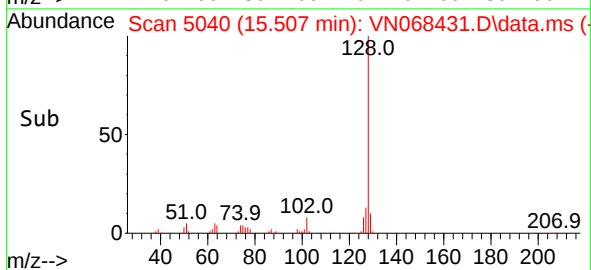
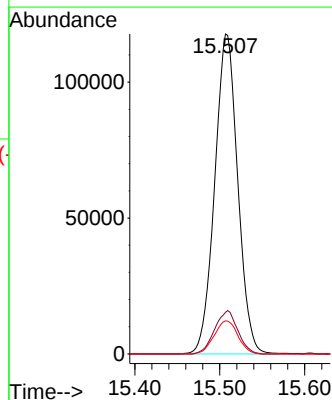
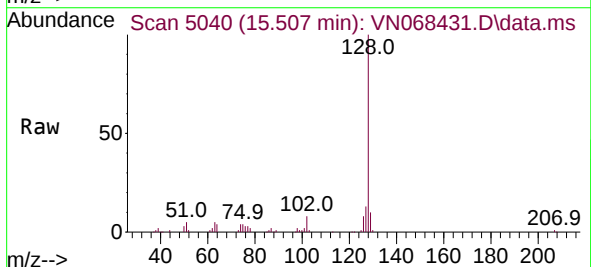
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0908WBSD01

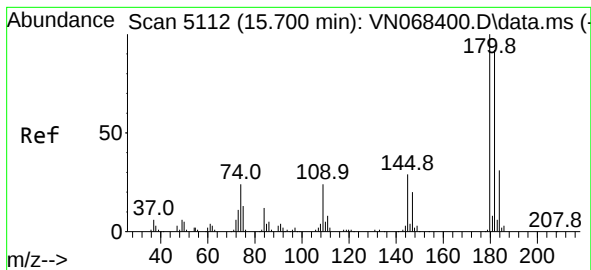
Tgt Ion:225 Resp: 72809  
Ion Ratio Lower Upper  
225 100  
223 61.0 0.0 129.6  
227 59.9 0.0 131.2



#91  
Naphthalene  
Concen: 14.692 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN068431.D  
Acq: 8 Sep 2021 11:11

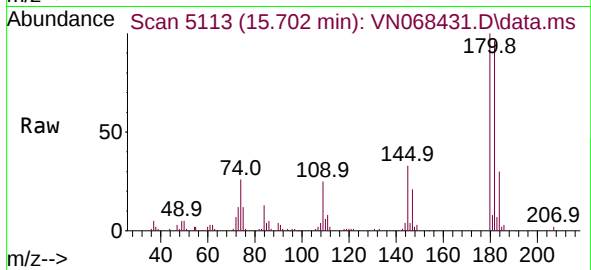
Tgt Ion:128 Resp: 221506  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.1 15.1  
129 10.7 8.9 13.3





#92  
 1,2,3-Trichlorobenzene  
 Concen: 15.386 ug/l  
 RT: 15.702 min Scan# 5113  
 Delta R.T. 0.003 min  
 Lab File: VN068431.D  
 Acq: 8 Sep 2021 11:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0908WBSD01



Tgt Ion:180 Resp: 104377  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.4  | 0.0   | 184.6 |
| 145 | 31.7  | 0.0   | 76.0  |

