

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080122\  
 Data File : VN073671.D  
 Acq On : 01 Aug 2022 19:48  
 Operator : JC\MD  
 Sample : N3964-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 02 05:05:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.016  | 168   | 337175   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904  | 114   | 555165   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.686 | 117   | 554609   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.615 | 152   | 242462   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.369  | 65    | 199128   | 48.461    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 96.920%  |
| 35) Dibromofluoromethane      | 7.951  | 113   | 183179   | 52.546    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 105.100% |
| 50) Toluene-d8                | 10.380 | 98    | 650696   | 47.433    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 94.860%  |
| 62) 4-Bromofluorobenzene      | 12.674 | 95    | 231624   | 50.450    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.900% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.269  | 50    | 602      | Below Cal | #      | 43       |
| 6) Chloroethane               | 2.963  | 64    | 563      | Below Cal | #      | 81       |
| 11) Tert butyl alcohol        | 5.304  | 59    | 2518     | 2.841     | ug/l # | 72       |
| 13) Acrolein                  | 3.993  | 56    | 321      | 0.365     | ug/l # | 16       |
| 14) Allyl chloride            | 4.734  | 41    | 1364     | 0.267     | ug/l # | 24       |
| 16) Acetone                   | 4.222  | 43    | 113255   | 51.316    | ug/l   | 99       |
| 17) Carbon Disulfide          | 4.469  | 76    | 1774     | 0.209     | ug/l # | 75       |
| 18) Methyl Acetate            | 4.787  | 43    | 3924     | 0.715     | ug/l # | 85       |
| 20) Methylene Chloride        | 5.016  | 84    | 19076    | 3.284     | ug/l   | 92       |
| 25) 2-Butanone                | 7.263  | 43    | 32063    | 9.355     | ug/l   | 96       |
| 29) Tetrahydrofuran           | 7.616  | 42    | 10348    | 4.775     | ug/l   | 98       |
| 31) Cyclohexane               | 8.022  | 56    | 6171     | 1.009     | ug/l # | 18       |
| 36) 1,1-Dichloropropene       | 8.022  | 75    | 24525    | 4.936     | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.339  | 43    | 48091    | 7.350     | ug/l   | 97       |
| 38) Carbon Tetrachloride      | 8.022  | 117   | 31240    | 6.191     | ug/l # | 18       |
| 40) Benzene                   | 8.392  | 78    | 13367    | 0.828     | ug/l   | 93       |
| 41) Methacrylonitrile         | 7.622  | 41    | 5908     | 1.995     | ug/l # | 39       |
| 42) 1,2-Dichloroethane        | 8.486  | 62    | 1498     | 0.275     | ug/l # | 74       |
| 43) Isopropyl Acetate         | 8.498  | 43    | 199074   | 22.525    | ug/l # | 92       |
| 45) 1,2-Dichloropropane       | 9.563  | 63    | 3356     | 0.832     | ug/l # | 44       |
| 48) Methyl methacrylate       | 9.492  | 41    | 6890     | 1.781     | ug/l # | 39       |
| 49) 1,4-Dioxane               | 9.504  | 88    | 273      | 2.503     | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.275 | 43    | 23140    | 3.650     | ug/l # | 80       |
| 52) Toluene                   | 10.445 | 92    | 3999     | 0.406     | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75    | 1337     | 0.252     | ug/l # | 1        |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75    | 73052    | 12.215    | ug/l # | 66       |
| 57) 1,3-Dichloropropane       | 11.033 | 76    | 10751    | 1.542     | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 10.186 | 63    | 110      | 9.977     | ug/l # | 44       |
| 59) 2-Hexanone                | 11.033 | 43    | 131157   | 27.309    | ug/l # | 49       |
| 67) Ethyl Benzene             | 11.786 | 91    | 10300    | 0.518     | ug/l   | 90       |
| 68) m/p-Xylenes               | 11.892 | 106   | 3983     | 0.525     | ug/l   | 89       |
| 69) o-Xylene                  | 12.221 | 106   | 5562     | 0.753     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.674 | 75    | 119401   | 25.288    | ug/l # | 1        |
| 80) 1,3,5-Trimethylbenzene    | 13.004 | 105   | 4549     | 0.311     | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.674 | 75    | 119401   | 63.818    | ug/l # | 10       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105   | 9254     | 0.644     | ug/l   | 91       |

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 Sample : N3964-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 02 05:05:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

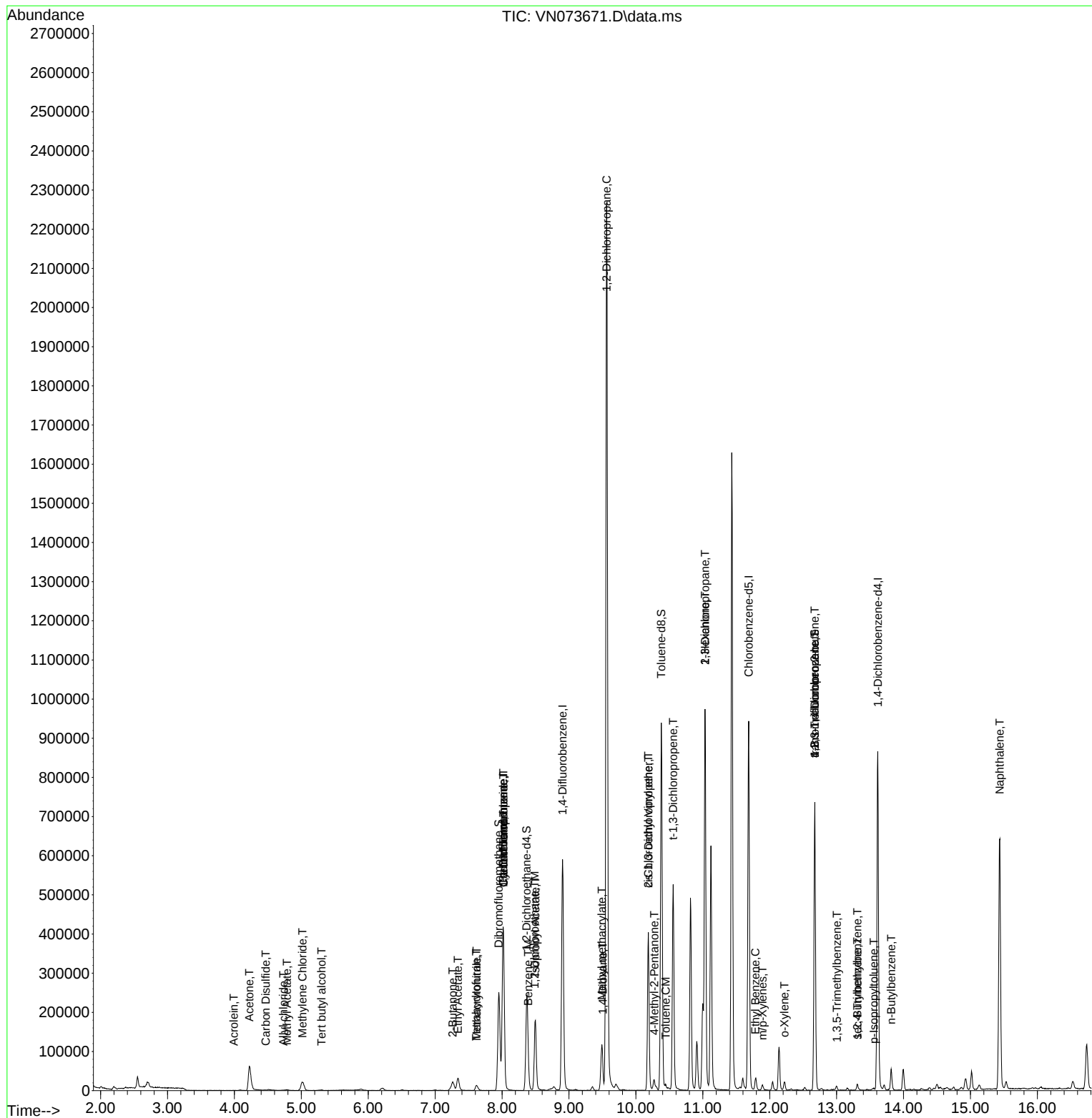
| Compound               | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|------------------------|--------|------|----------|--------|--------|----------|
| 85) sec-Butylbenzene   | 13.310 | 105  | 9254     | 0.518  | ug/l # | 56       |
| 86) p-Isopropyltoluene | 13.557 | 119  | 2957     | 0.210  | ug/l   | 89       |
| 89) n-Butylbenzene     | 13.815 | 91   | 4355     | 0.380  | ug/l # | 37       |
| 95) Naphthalene        | 15.439 | 128  | 604985   | 43.912 | ug/l   | 100      |

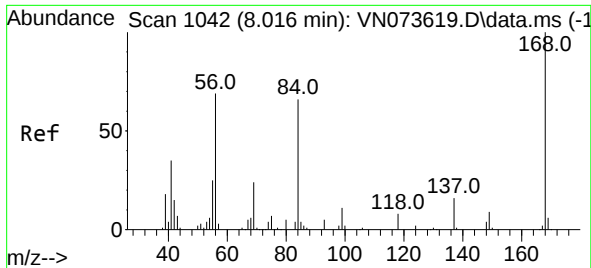
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MSVOA\_N  
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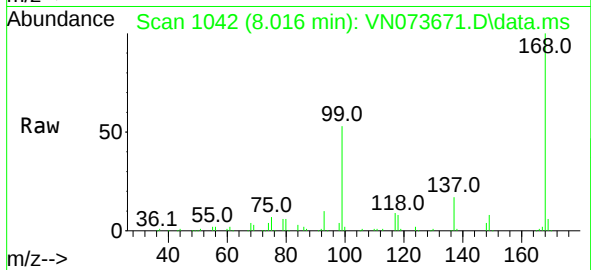
Quant Time: Aug 02 05:05:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 29 02:20:25 2022  
Response via : Initial Calibration



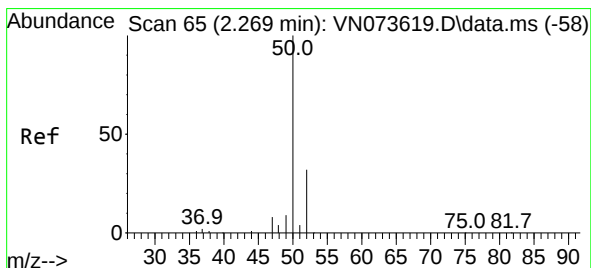
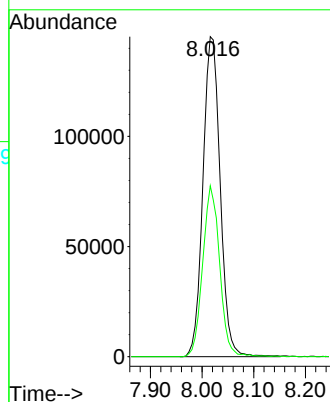
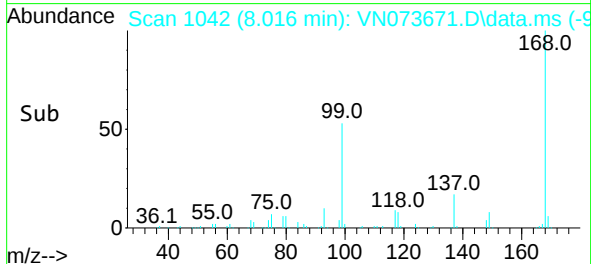


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

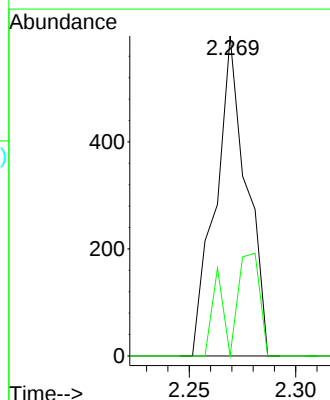
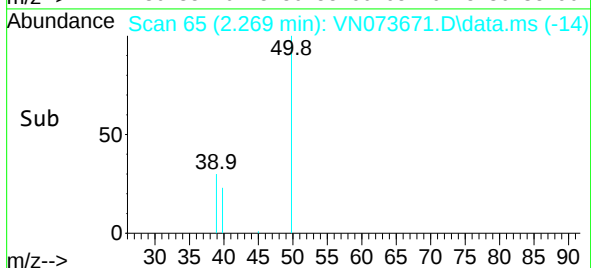
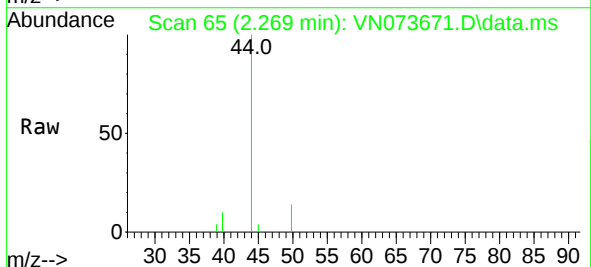


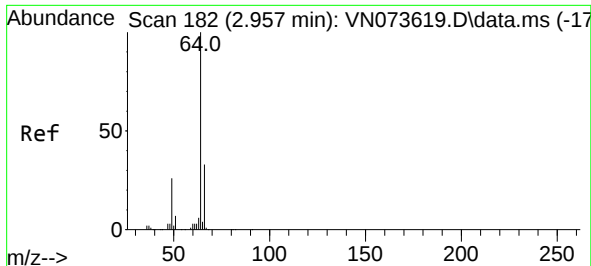
Tgt Ion:168 Resp: 337175  
Ion Ratio Lower Upper  
168 100  
99 53.4 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.269 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 50 Resp: 602  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.7 38.5#

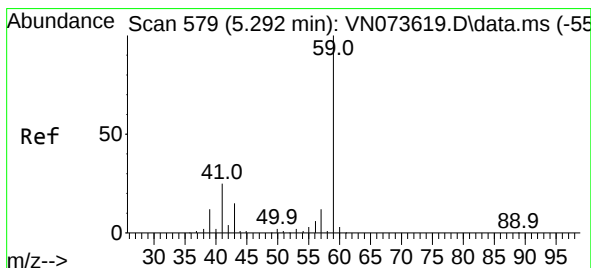
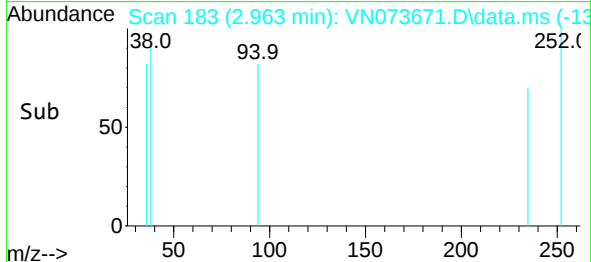
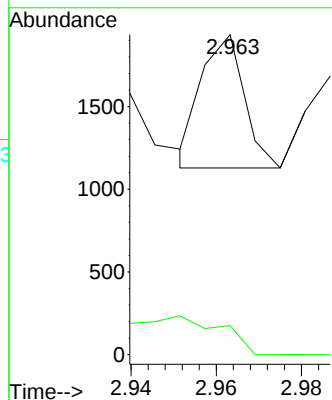
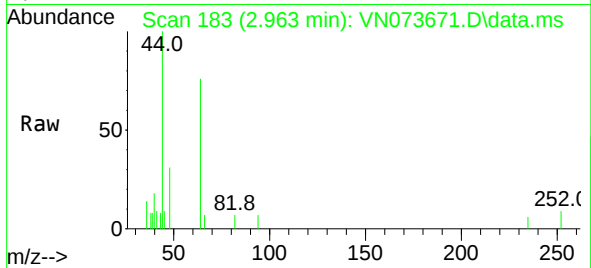




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.963 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

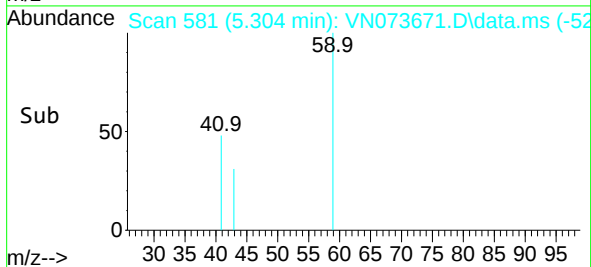
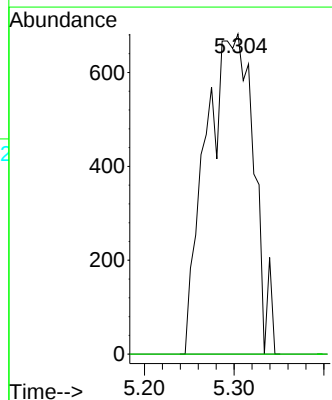
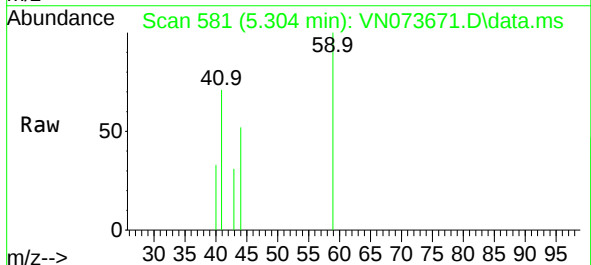
Instrument :  
MSVOA\_N  
ClientSampleId :

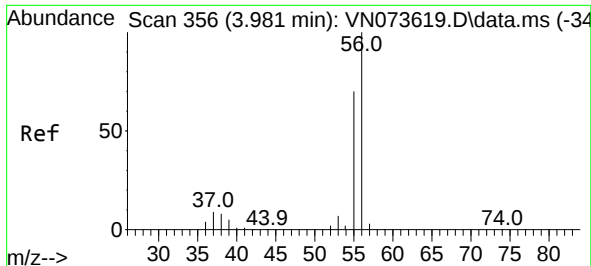
Tgt Ion: 64 Resp: 563  
Ion Ratio Lower Upper  
64 100  
66 21.8 26.2 39.4#



#11  
Tert butyl alcohol  
Concen: 2.841 ug/l  
RT: 5.304 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 59 Resp: 2518  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.365 ug/l

RT: 3.993 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

Instrument :

MSVOA\_N

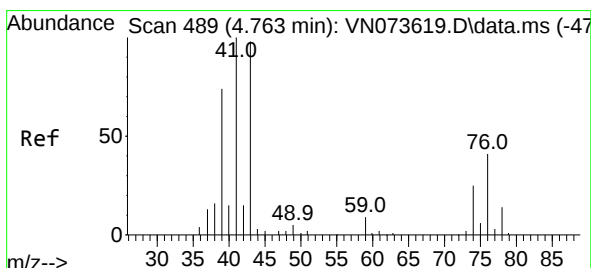
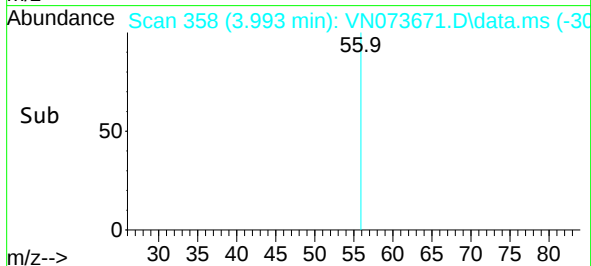
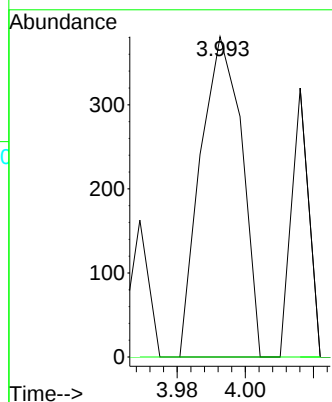
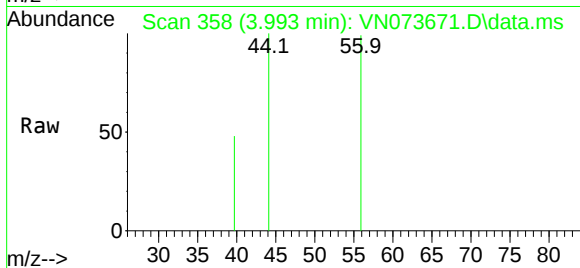
ClientSampleId :

Tgt Ion: 56 Resp: 321

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#14

Allyl chloride

Concen: 0.267 ug/l

RT: 4.734 min Scan# 484

Delta R.T. -0.029 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

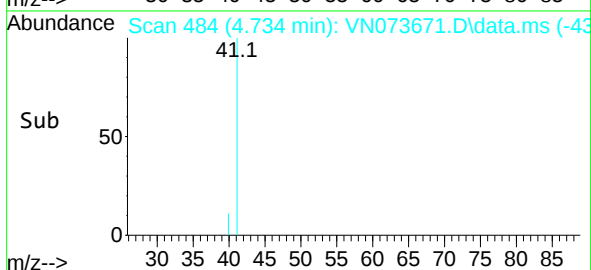
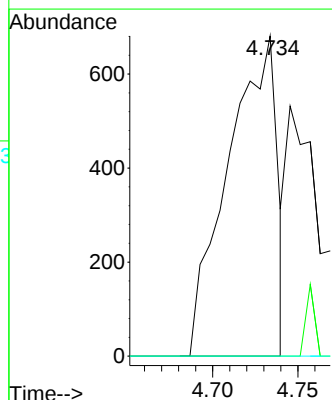
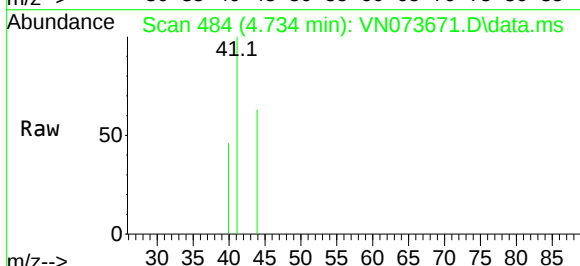
Tgt Ion: 41 Resp: 1364

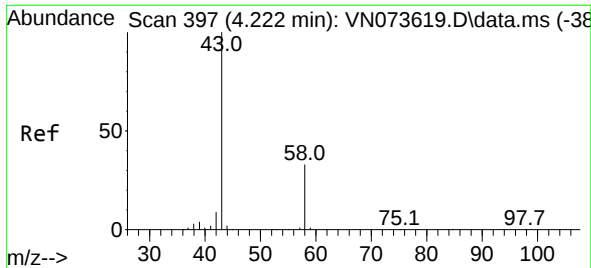
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.9 44.9#

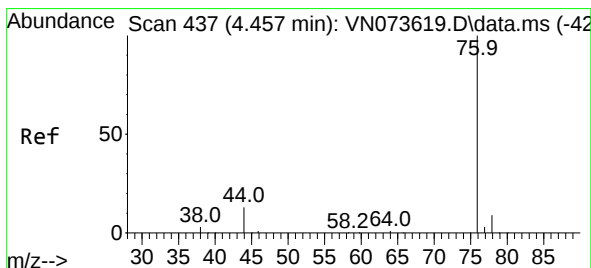
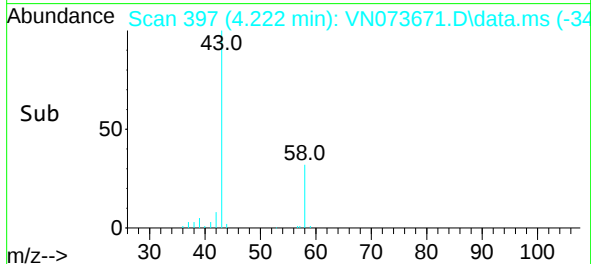
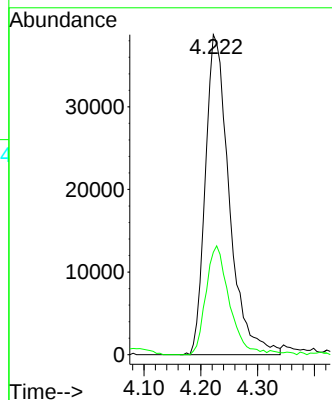
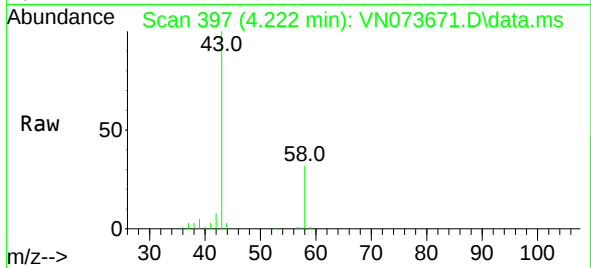




#16  
Acetone  
Concen: 51.316 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

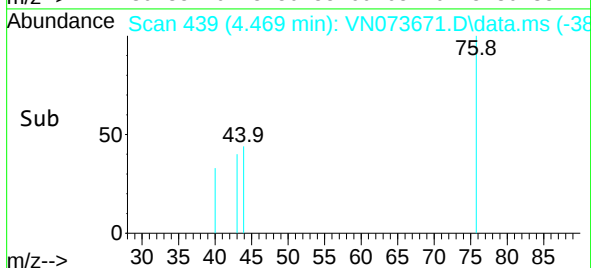
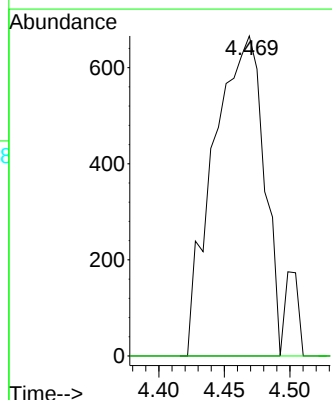
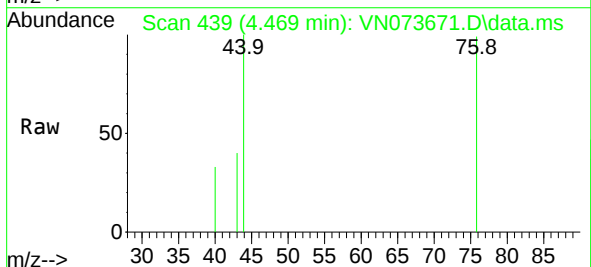
Instrument :  
MSVOA\_N  
ClientSampleId :

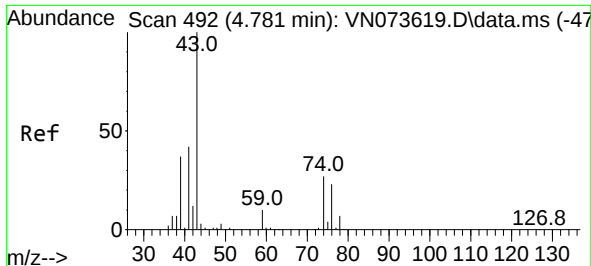
Tgt Ion: 43 Resp: 113255  
Ion Ratio Lower Upper  
43 100  
58 32.0 26.0 39.0



#17  
Carbon Disulfide  
Concen: 0.209 ug/l  
RT: 4.469 min Scan# 439  
Delta R.T. 0.012 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 76 Resp: 1774  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

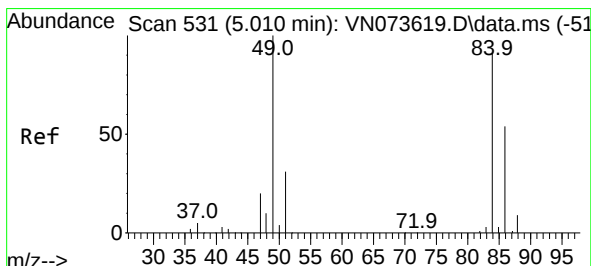
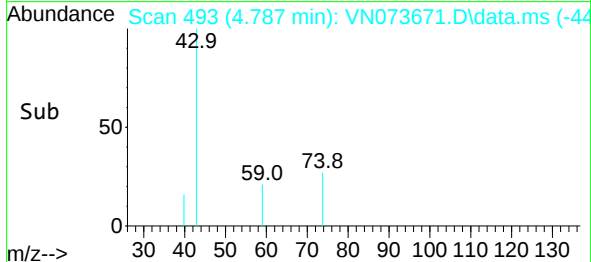
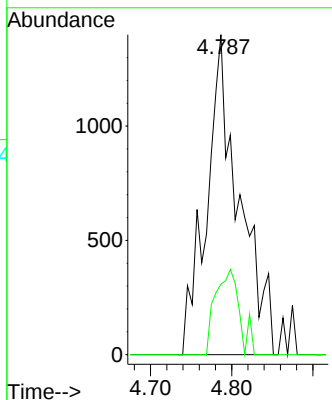
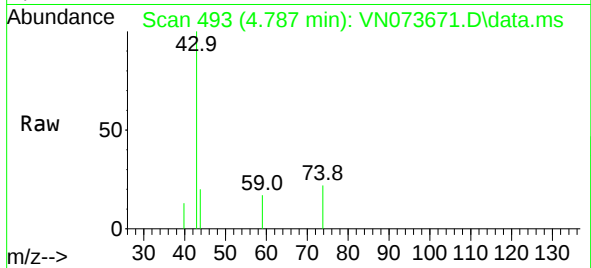




#18  
Methyl Acetate  
Concen: 0.715 ug/l  
RT: 4.787 min Scan# 493  
Delta R.T. 0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

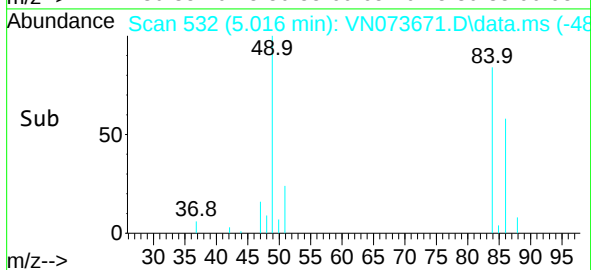
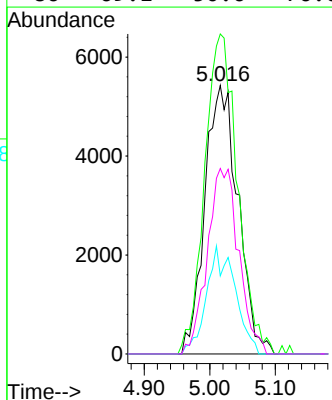
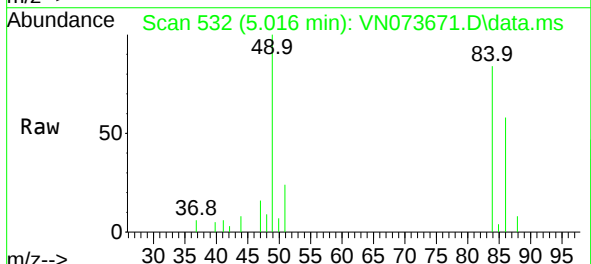
Instrument :  
MSVOA\_N  
ClientSampleId :

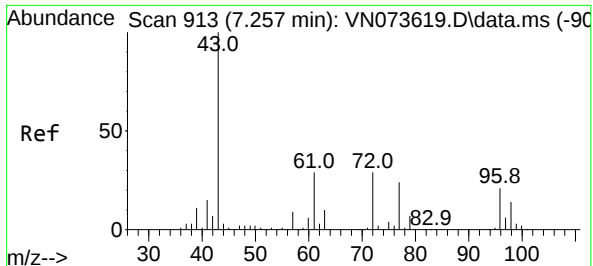
Tgt Ion: 43 Resp: 3924  
Ion Ratio Lower Upper  
43 100  
74 19.4 21.6 32.4#



#20  
Methylene Chloride  
Concen: 3.284 ug/l  
RT: 5.016 min Scan# 532  
Delta R.T. 0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 84 Resp: 19076  
Ion Ratio Lower Upper  
84 100  
49 119.2 88.3 132.5  
51 29.1 28.2 42.2  
86 69.1 50.6 76.0





#25

2-Butanone

Concen: 9.355 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

Instrument :

MSVOA\_N

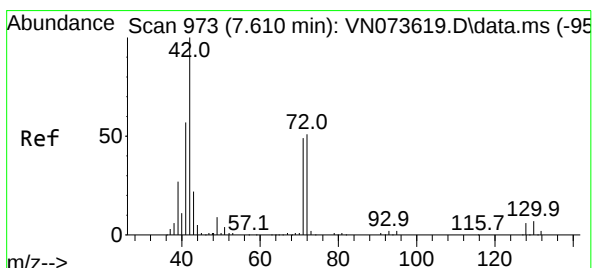
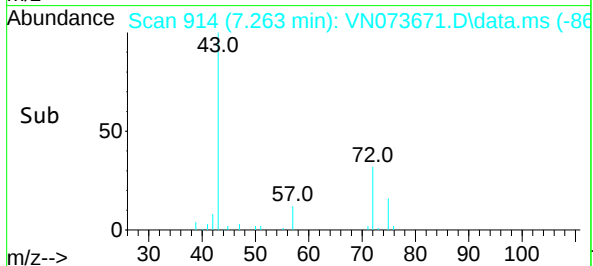
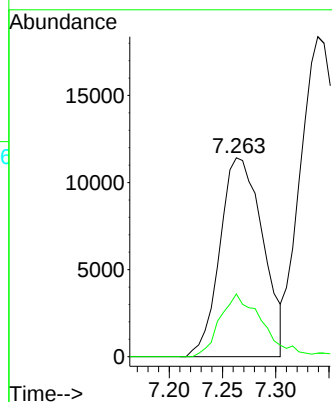
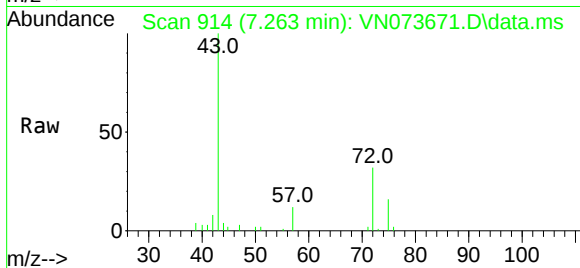
ClientSampleId :

Tgt Ion: 43 Resp: 32063

Ion Ratio Lower Upper

43 100

72 31.5 23.7 35.5



#29

Tetrahydrofuran

Concen: 4.775 ug/l

RT: 7.616 min Scan# 974

Delta R.T. 0.006 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

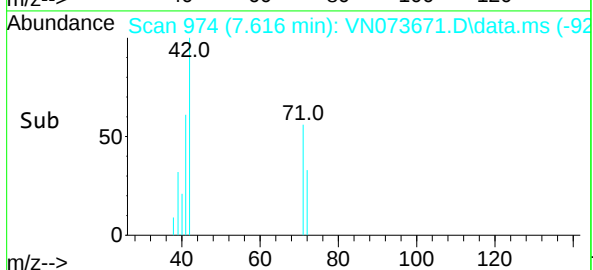
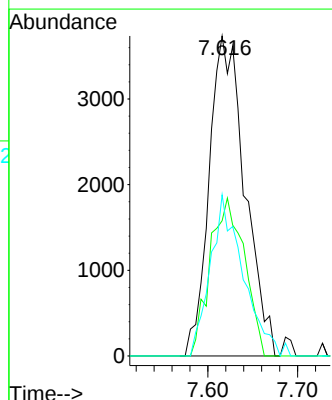
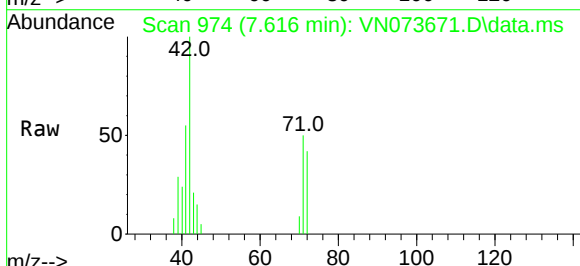
Tgt Ion: 42 Resp: 10348

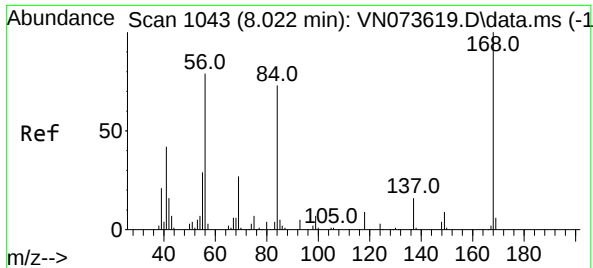
Ion Ratio Lower Upper

42 100

72 47.2 39.7 59.5

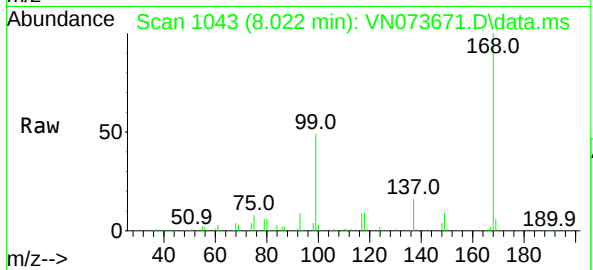
71 46.3 36.6 55.0



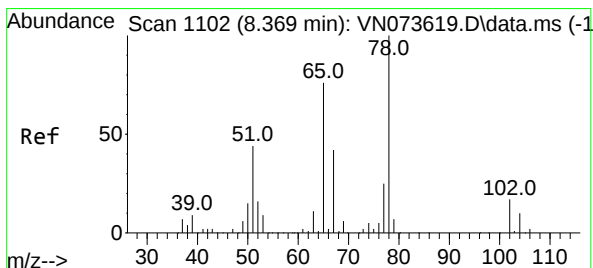
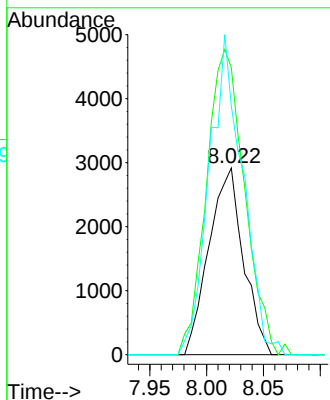
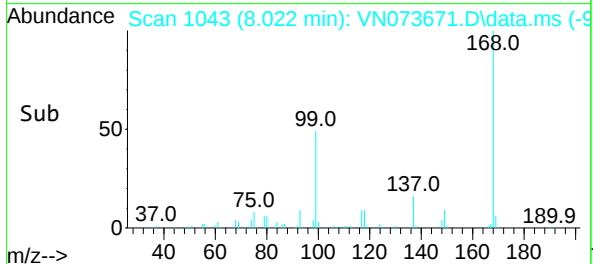


#31  
Cyclohexane  
Concen: 1.009 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

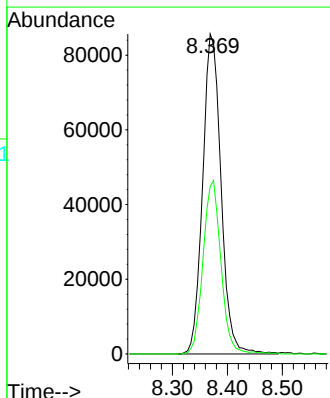
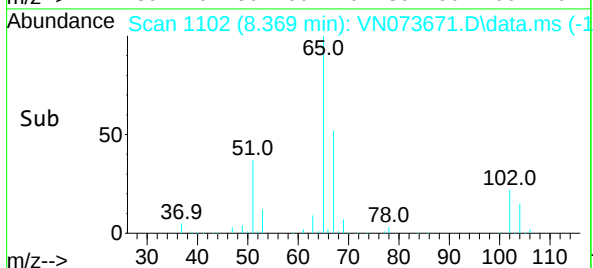
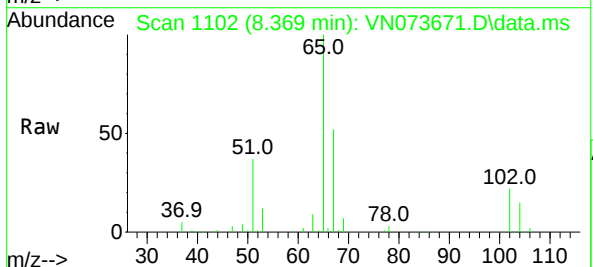


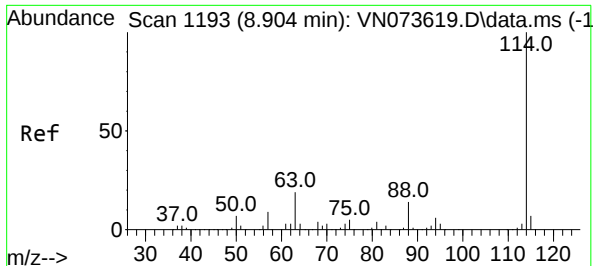
Tgt Ion: 56 Resp: 6171  
Ion Ratio Lower Upper  
56 100  
69 153.8 27.8 41.8#  
84 133.1 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 48.461 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 65 Resp: 199128  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

Instrument :

MSVOA\_N

ClientSampleId :

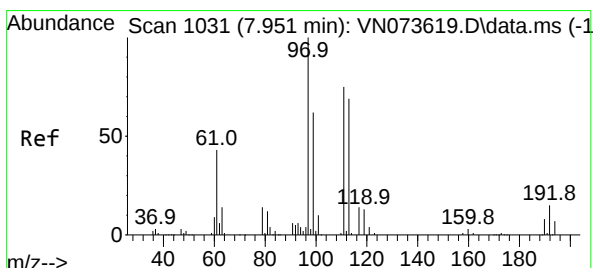
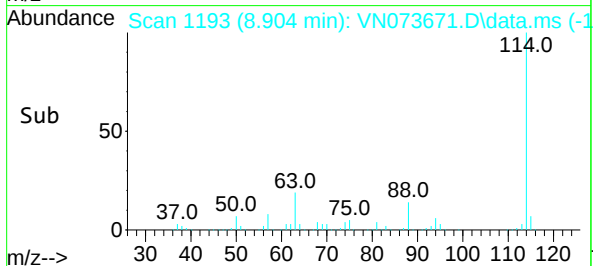
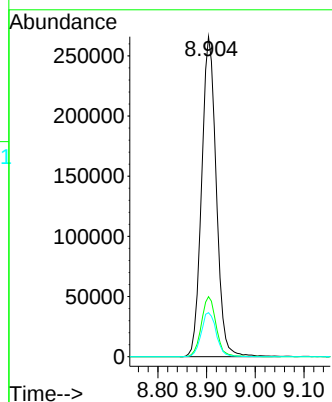
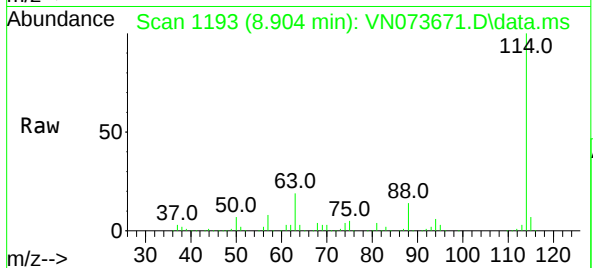
Tgt Ion:114 Resp: 555165

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 13.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

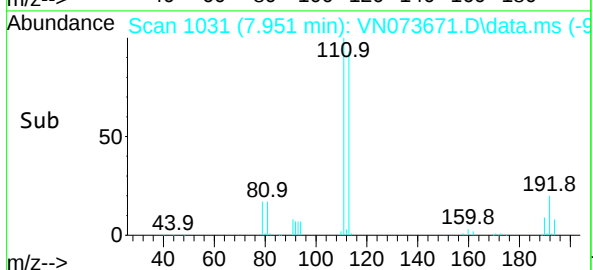
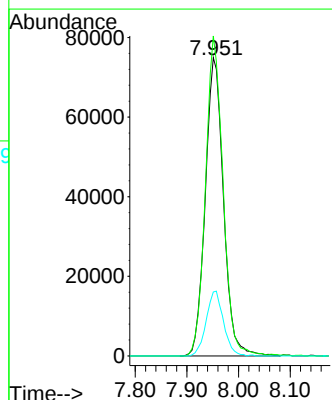
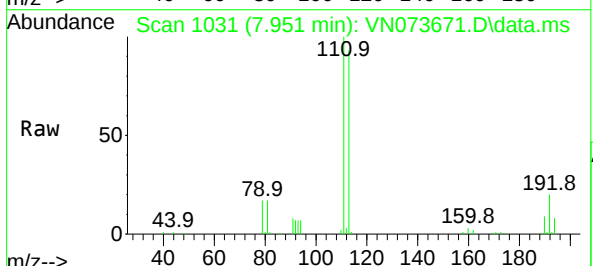
Tgt Ion:113 Resp: 183179

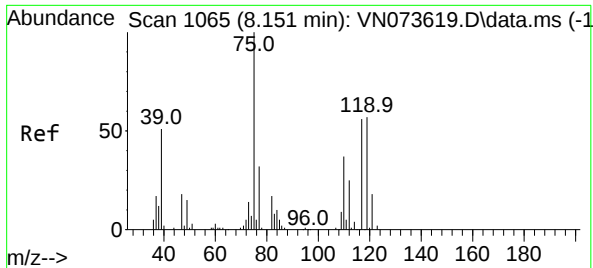
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

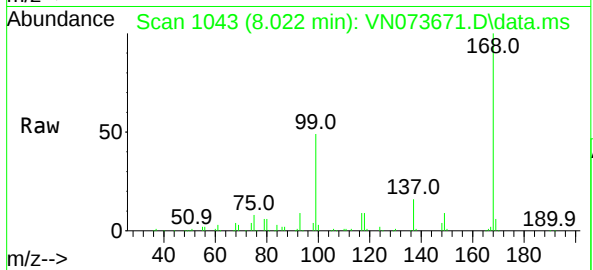
192 20.7 17.0 25.6



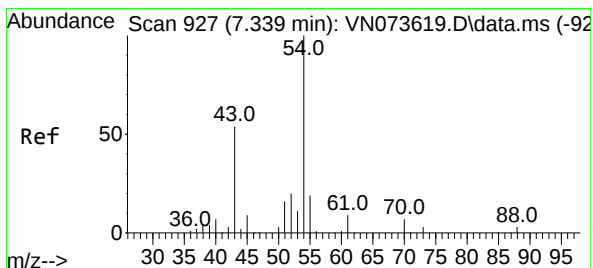
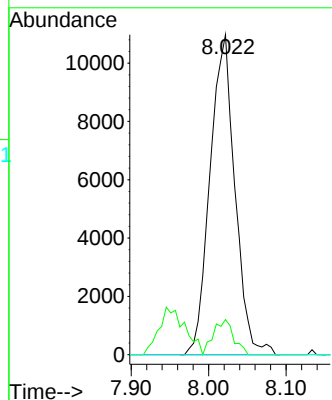
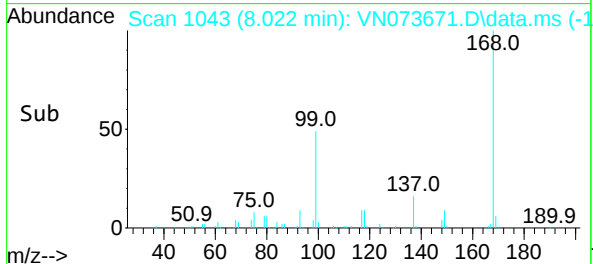


#36  
1,1-Dichloropropene  
Concen: 4.936 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.129 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

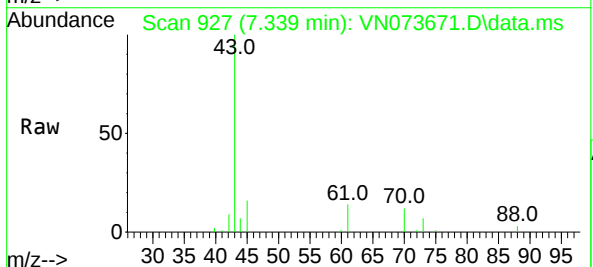
Instrument :  
MSVOA\_N  
ClientSampleId :



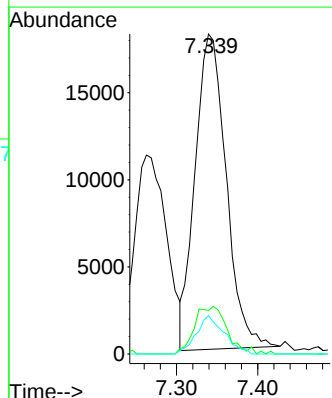
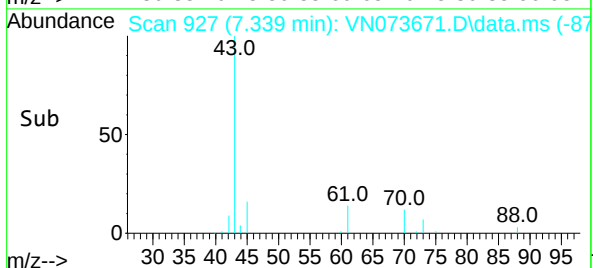
Tgt Ion: 75 Resp: 24525  
Ion Ratio Lower Upper  
75 100  
110 8.9 18.3 54.8#  
77 0.0 25.1 37.7#

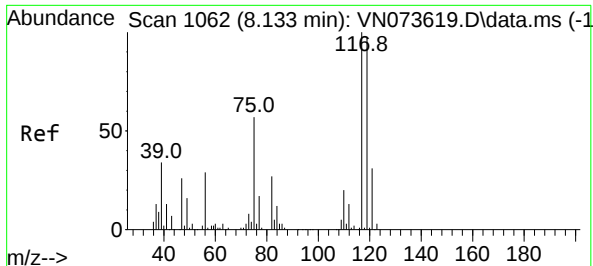


#37  
Ethyl Acetate  
Concen: 7.350 ug/l  
RT: 7.339 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48



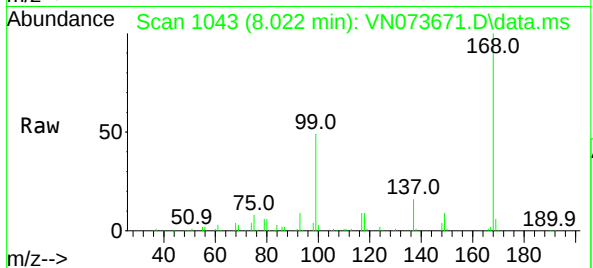
Tgt Ion: 43 Resp: 48091  
Ion Ratio Lower Upper  
43 100  
61 16.0 11.8 17.6  
70 10.9 9.3 13.9



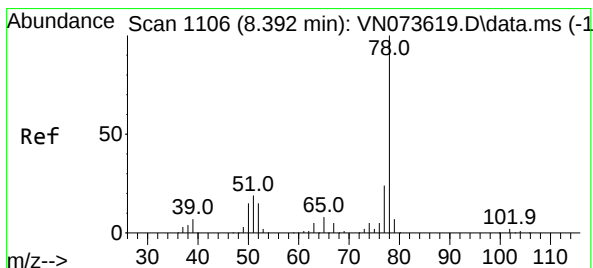
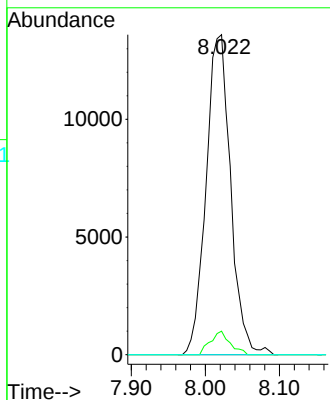
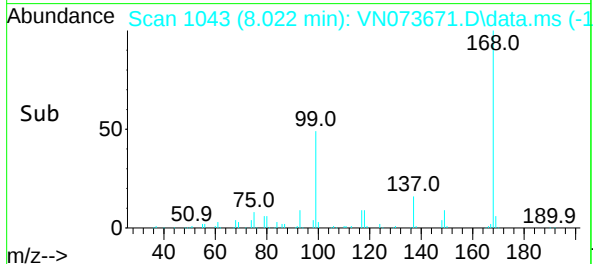


#38  
Carbon Tetrachloride  
Concen: 6.191 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.112 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

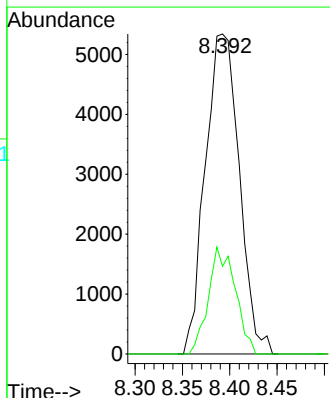
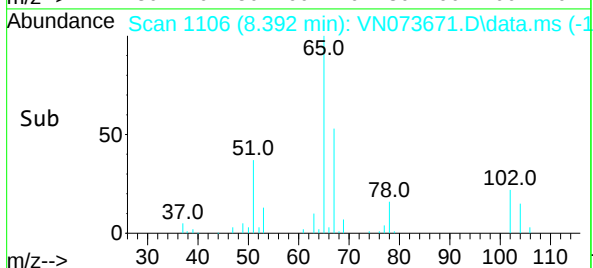
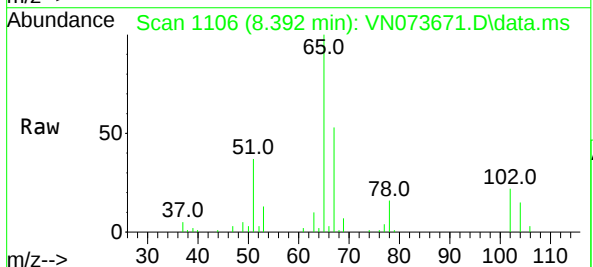


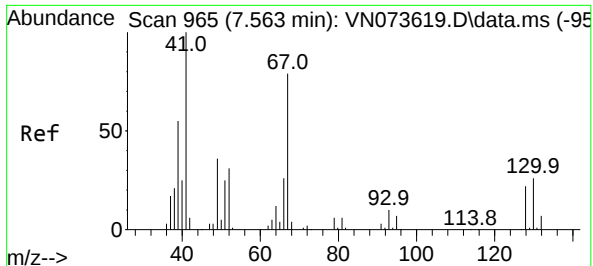
Tgt Ion:117 Resp: 31240  
Ion Ratio Lower Upper  
117 100  
119 7.4 75.8 113.8#  
121 0.0 24.6 37.0#



#40  
Benzene  
Concen: 0.828 ug/l  
RT: 8.392 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

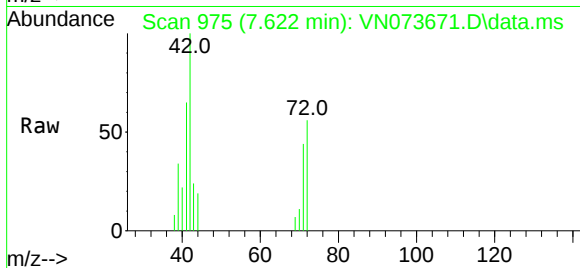
Tgt Ion: 78 Resp: 13367  
Ion Ratio Lower Upper  
78 100  
77 27.4 19.4 29.0



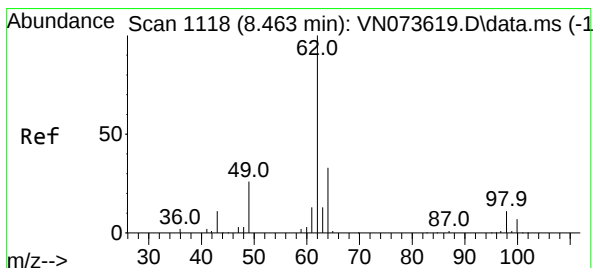
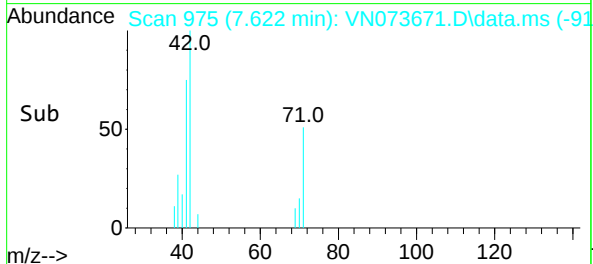
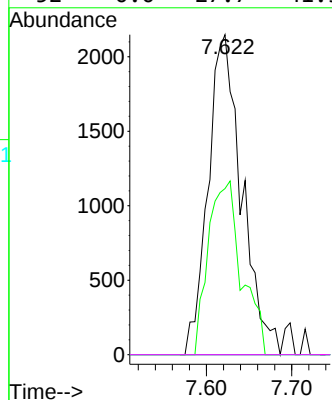


#41  
Methacrylonitrile  
Concen: 1.995 ug/l  
RT: 7.622 min Scan# 91  
Delta R.T. 0.059 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

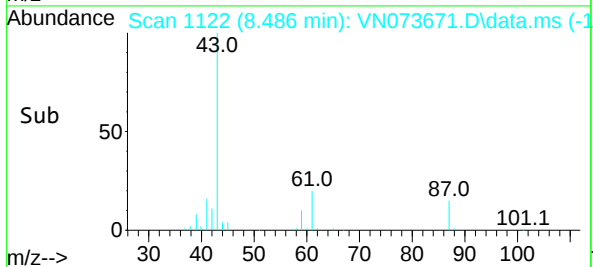
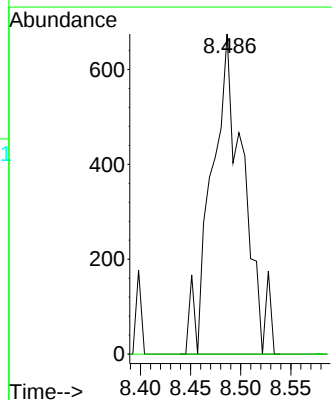
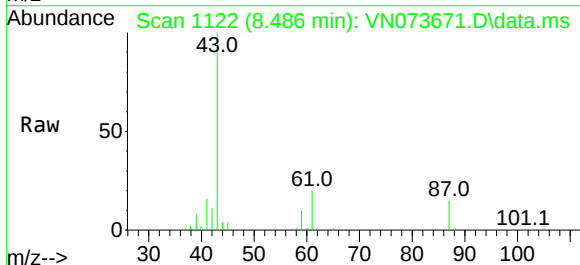


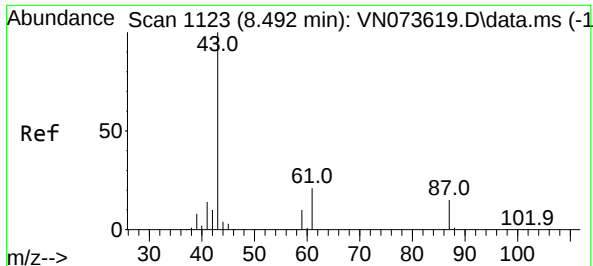
Tgt Ion: 41 Resp: 5908  
Ion Ratio Lower Upper  
41 100  
39 53.5 48.6 73.0  
67 0.0 73.4 110.2#  
52 0.0 27.7 41.5#



#42  
1,2-Dichloroethane  
Concen: 0.275 ug/l  
RT: 8.486 min Scan# 1122  
Delta R.T. 0.024 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 62 Resp: 1498  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 22.525 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073671.D

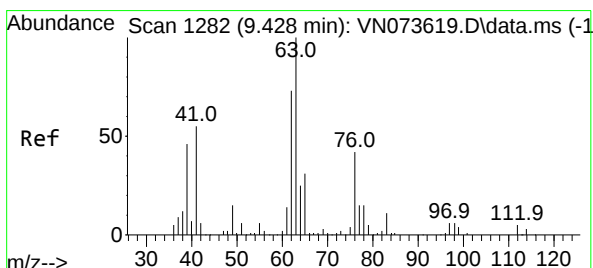
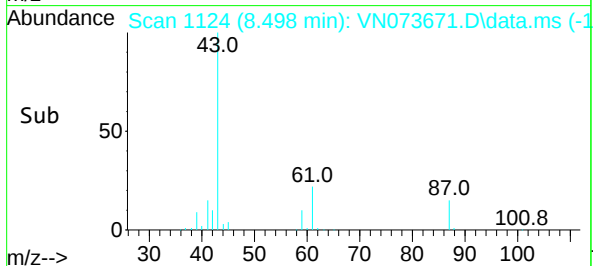
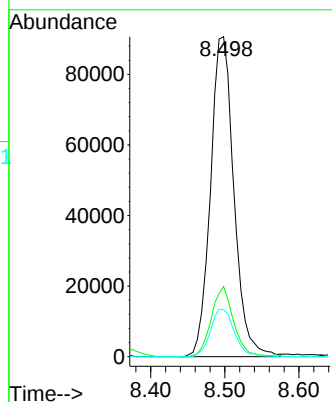
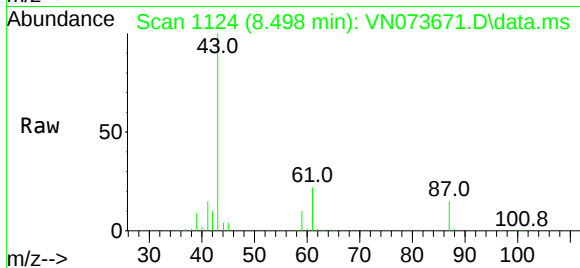
Acq: 01 Aug 2022 19:48

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 199074 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.7  | 21.9  | 32.9#  |
| 87       | 15.1  | 12.0  | 18.0   |



#45

1,2-Dichloropropane

Concen: 0.832 ug/l

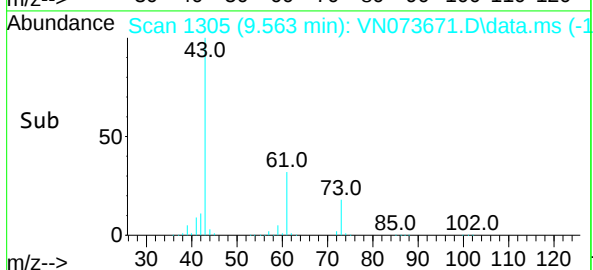
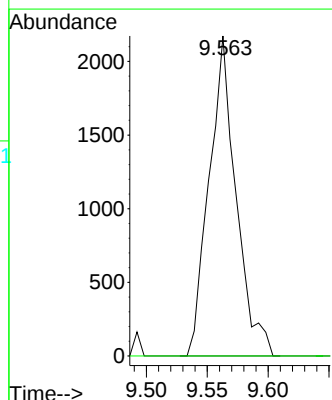
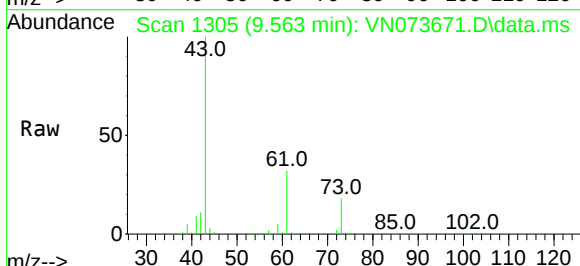
RT: 9.563 min Scan# 1305

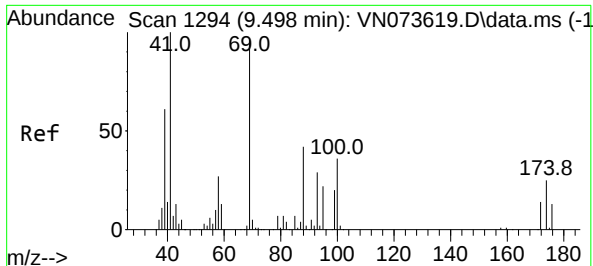
Delta R.T. 0.135 min

Lab File: VN073671.D

Acq: 01 Aug 2022 19:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 3356  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 0.0   | 24.9  | 37.3# |

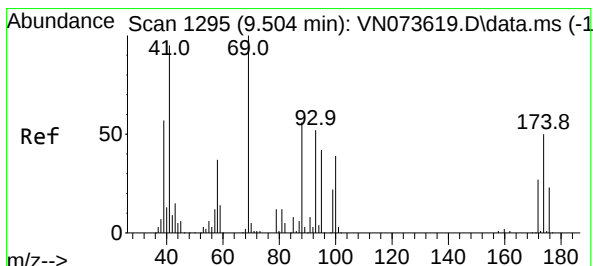
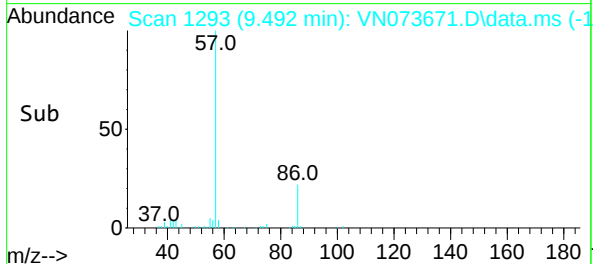
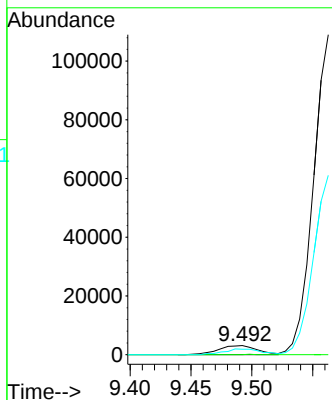
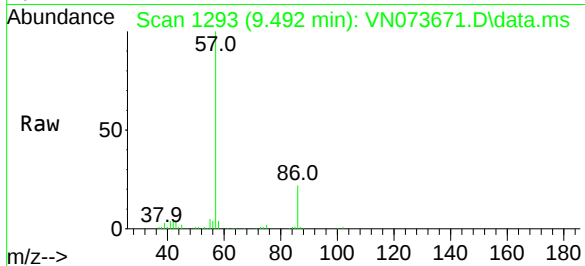




#48  
Methyl methacrylate  
Concen: 1.781 ug/l  
RT: 9.492 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

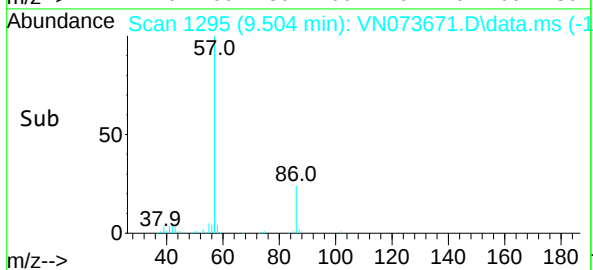
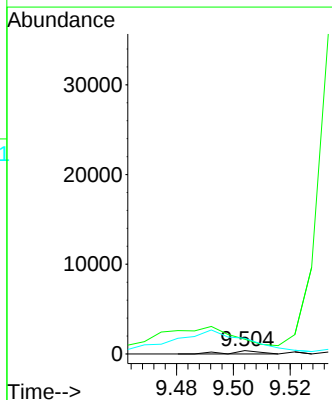
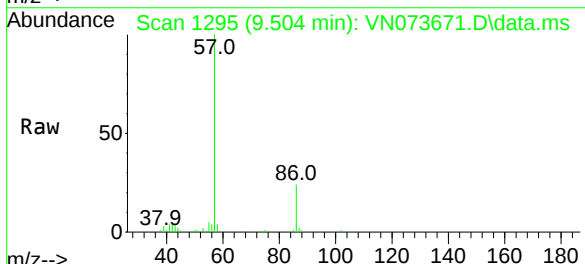
Instrument :  
MSVOA\_N  
ClientSampleId :

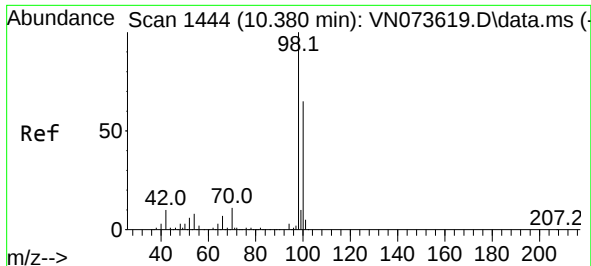
Tgt Ion: 41 Resp: 6890  
Ion Ratio Lower Upper  
41 100  
69 0.9 74.7 112.1#  
39 59.8 45.6 68.4



#49  
1,4-Dioxane  
Concen: 2.503 ug/l  
RT: 9.504 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 88 Resp: 273  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 2005.1 54.2 81.4#

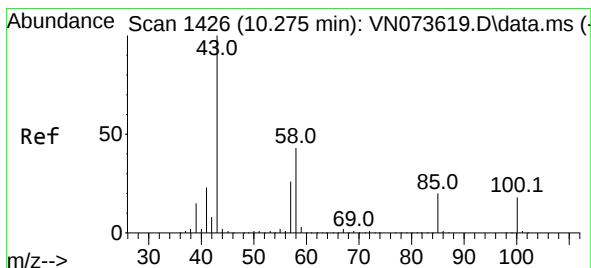
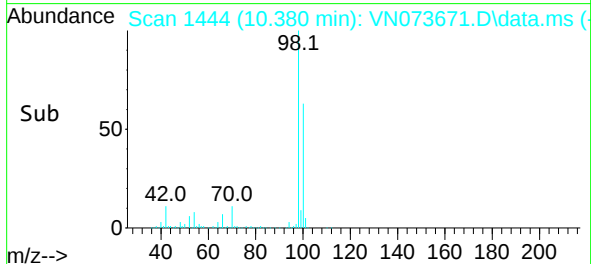
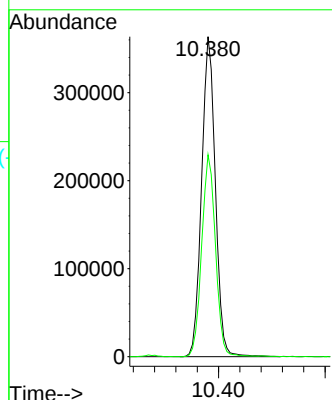
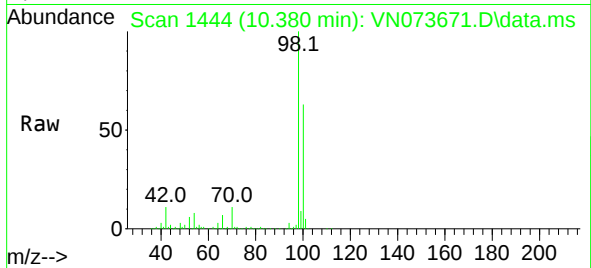




#50  
Toluene-d8  
Concen: 47.433 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

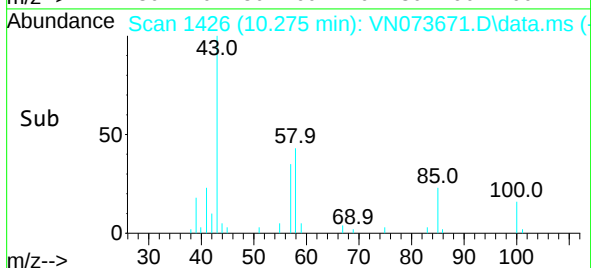
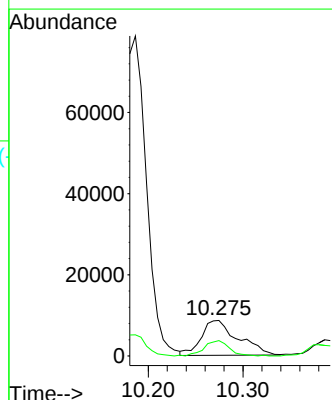
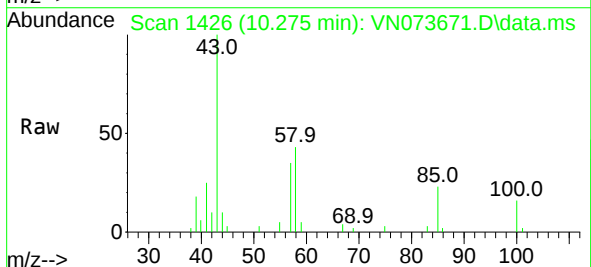
Instrument :  
MSVOA\_N  
ClientSampleId :

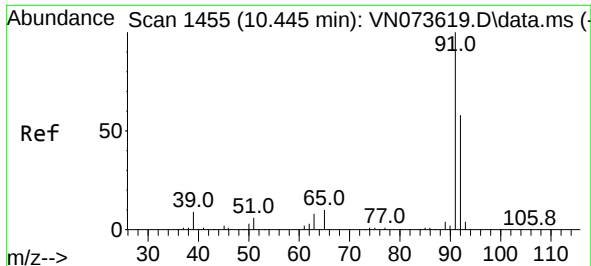
Tgt Ion: 98 Resp: 650696  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 3.650 ug/l  
RT: 10.275 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 43 Resp: 23140  
Ion Ratio Lower Upper  
43 100  
58 30.1 34.1 51.1#

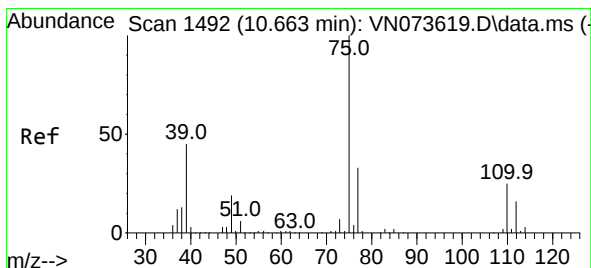
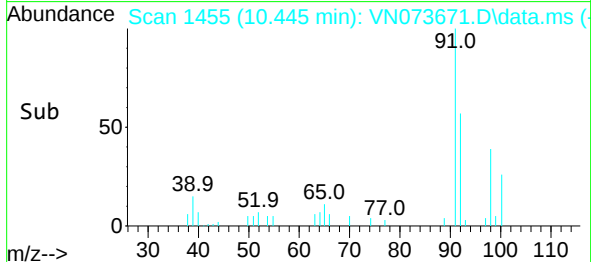
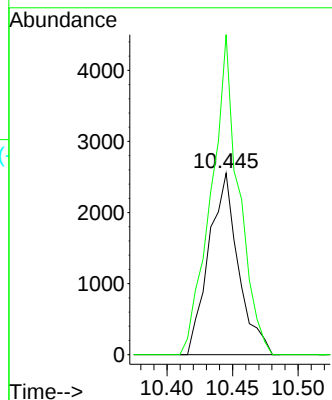
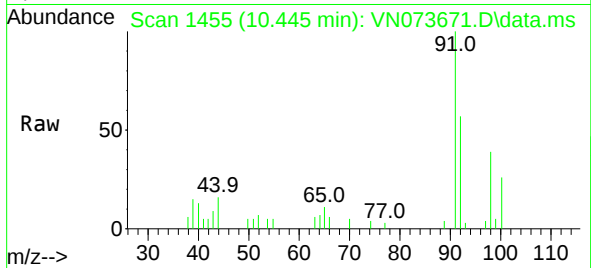




#52  
Toluene  
Concen: 0.406 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

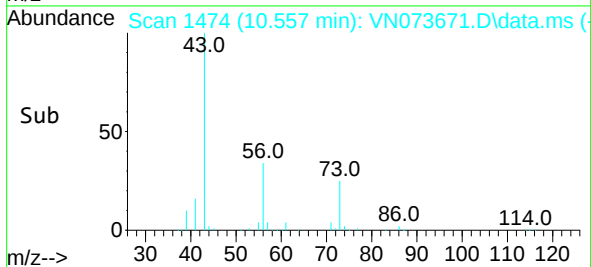
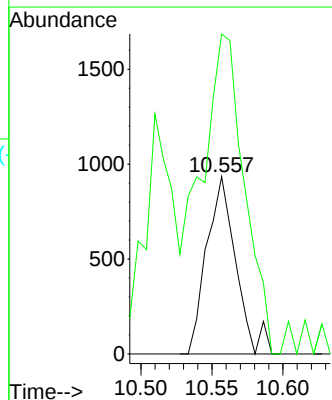
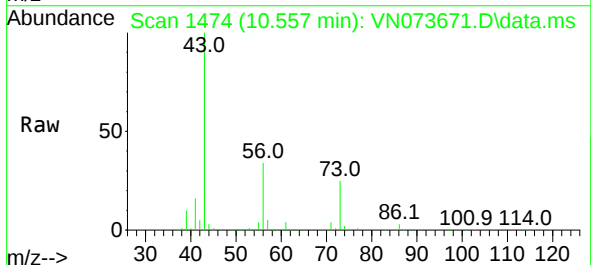
Instrument :  
MSVOA\_N  
ClientSampleId :

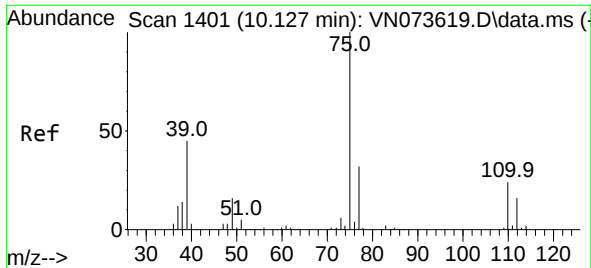
Tgt Ion: 92 Resp: 3999  
Ion Ratio Lower Upper  
92 100  
91 165.9 138.6 207.8



#53  
t-1,3-Dichloropropene  
Concen: 0.252 ug/l  
RT: 10.557 min Scan# 1474  
Delta R.T. -0.106 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

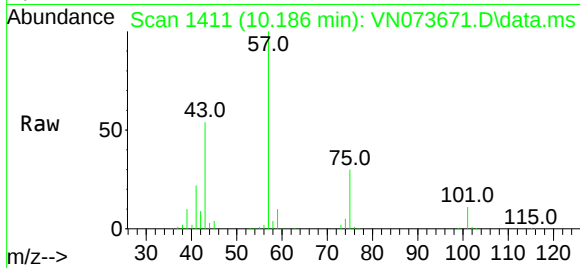
Tgt Ion: 75 Resp: 1337  
Ion Ratio Lower Upper  
75 100  
77 180.5 25.6 38.4#



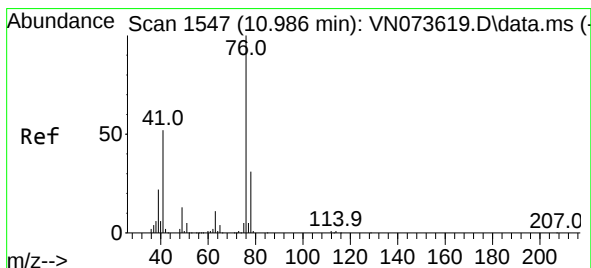
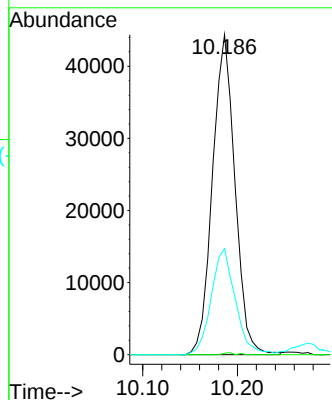
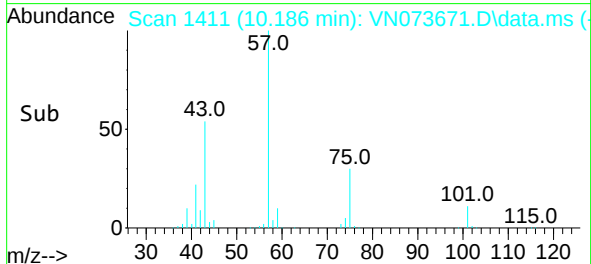


#54  
 cis-1,3-Dichloropropene  
 Concen: 12.215 ug/l  
 RT: 10.186 min Scan# 1411  
 Delta R.T. 0.059 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :

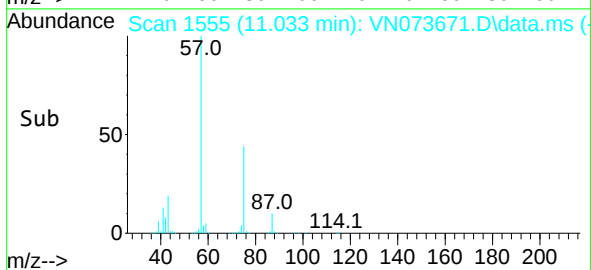
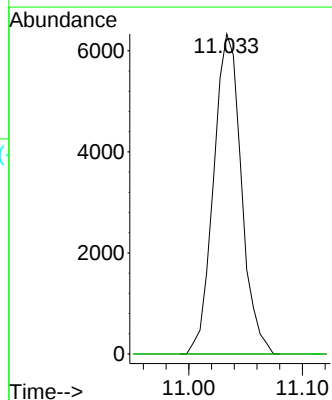
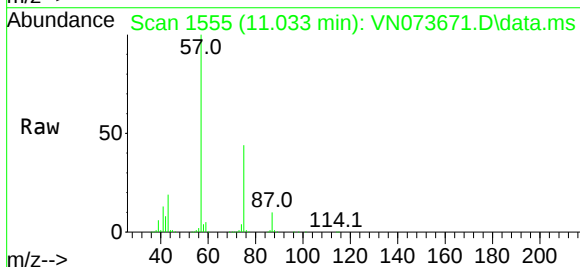


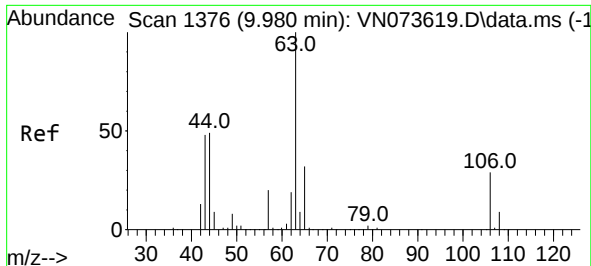
Tgt Ion: 75 Resp: 73052  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.2 37.8#  
 39 33.2 35.7 53.5#



#57  
 1,3-Dichloropropane  
 Concen: 1.542 ug/l  
 RT: 11.033 min Scan# 1555  
 Delta R.T. 0.047 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

Tgt Ion: 76 Resp: 10751  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.2 39.2#

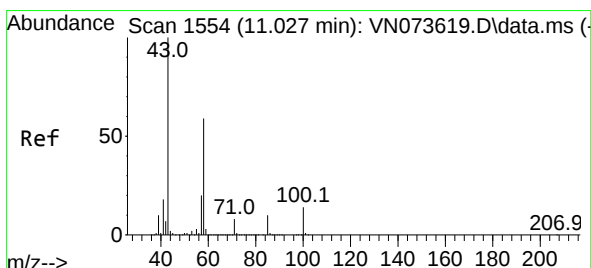
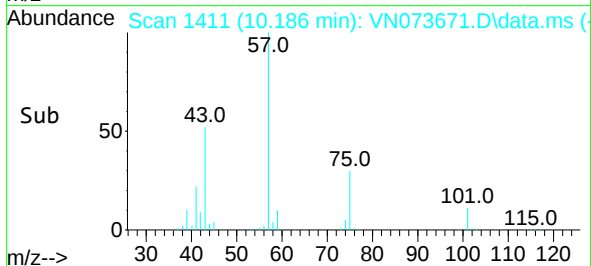
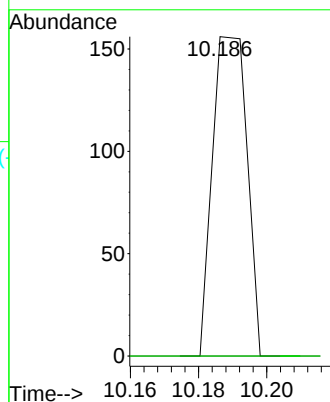
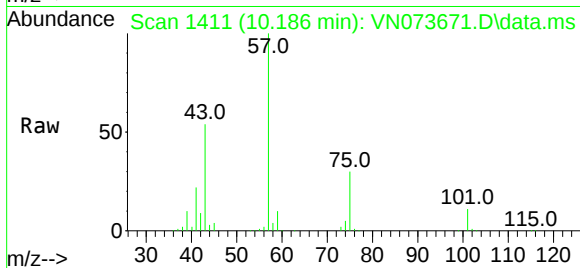




#58  
2-Chloroethyl Vinyl ether  
Concen: 9.977 ug/l  
RT: 10.186 min Scan# 1411  
Delta R.T. 0.206 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

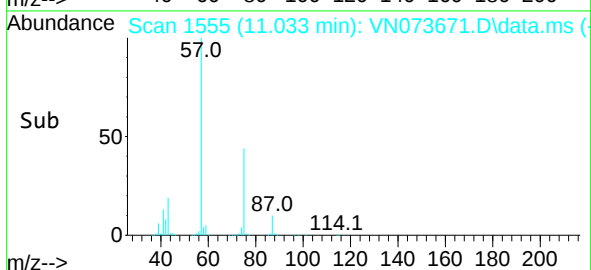
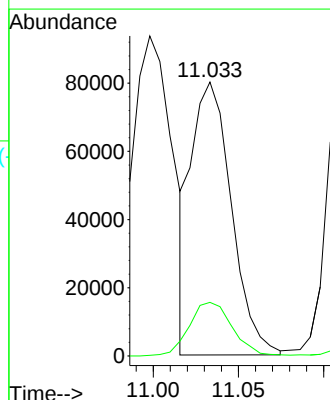
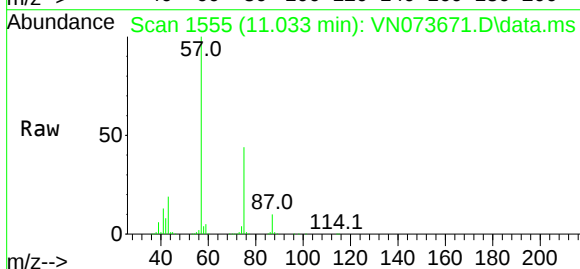
Instrument :  
MSVOA\_N  
ClientSampleId :

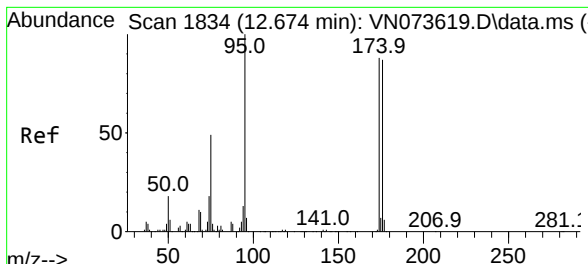
Tgt Ion: 63 Resp: 110  
Ion Ratio Lower Upper  
63 100  
106 0.0 24.6 36.8#



#59  
2-Hexanone  
Concen: 27.309 ug/l  
RT: 11.033 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

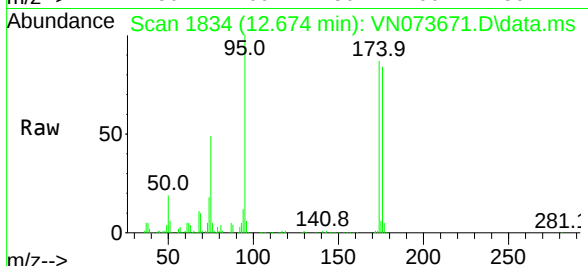
Tgt Ion: 43 Resp: 131157  
Ion Ratio Lower Upper  
43 100  
58 21.3 29.7 89.1#



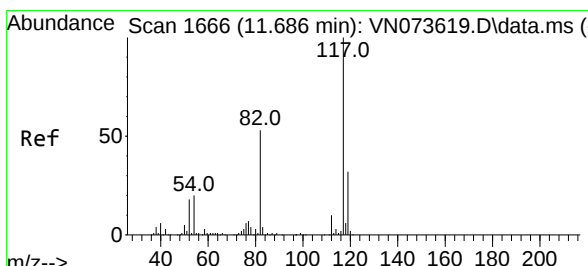
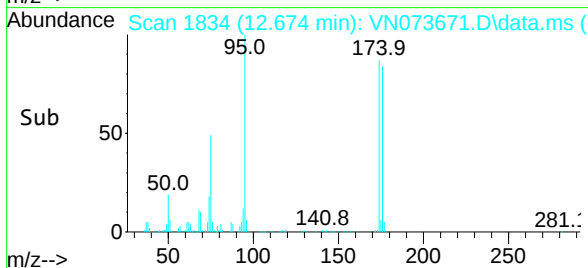
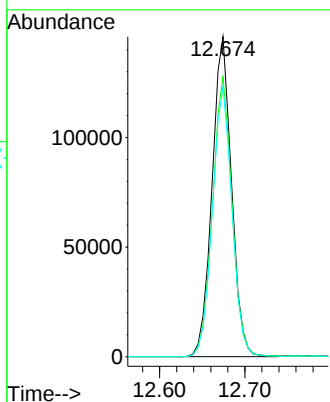


#62  
4-Bromofluorobenzene  
Concen: 50.450 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

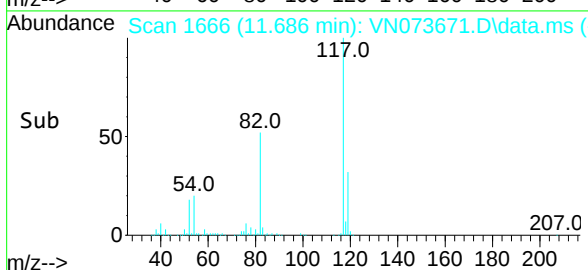
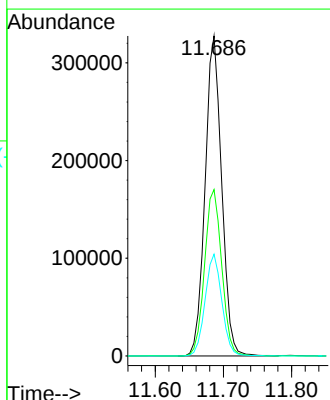
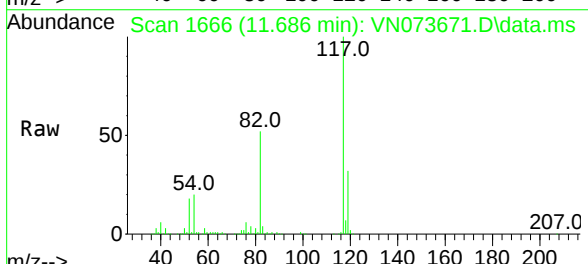


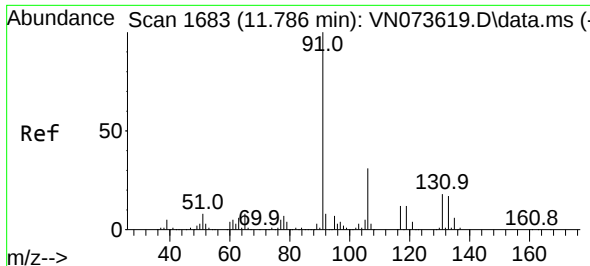
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 231624 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 88.0  | 0.0   | 167.6  |
| 176      | 85.0  | 0.0   | 163.4  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 554609 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.0  | 44.2  | 66.2   |
| 119      | 31.8  | 25.4  | 38.0   |

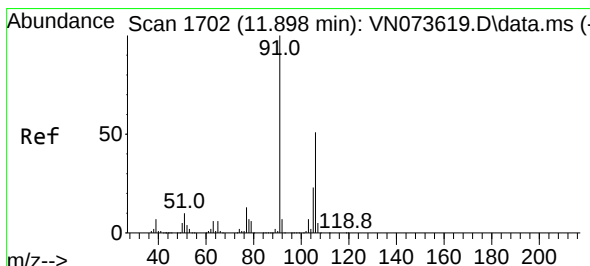
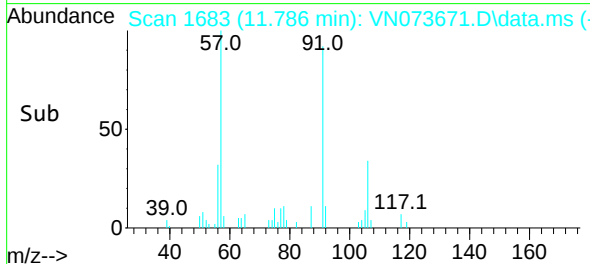
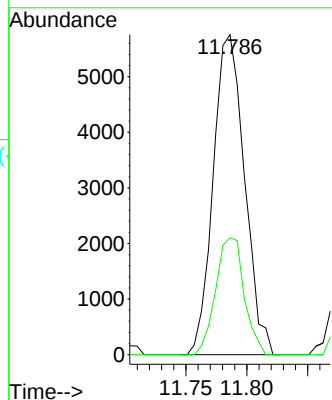
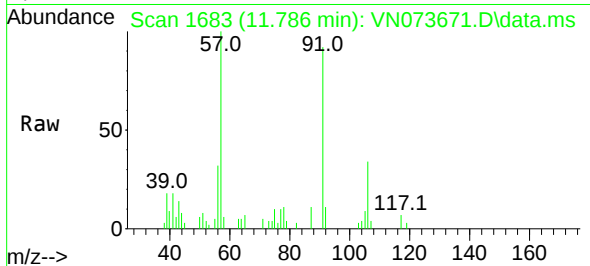




#67  
Ethyl Benzene  
Concen: 0.518 ug/l  
RT: 11.786 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

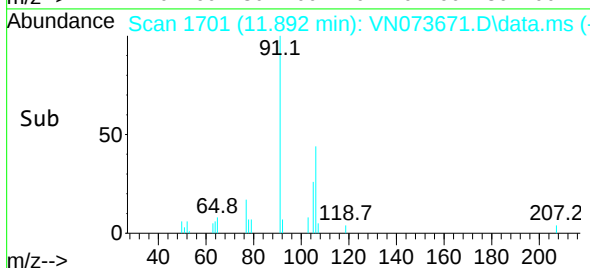
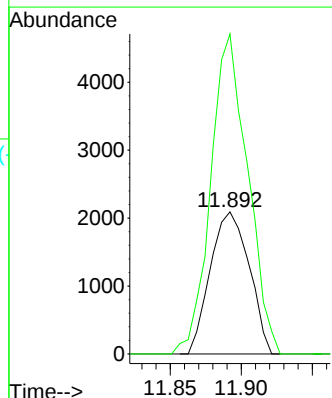
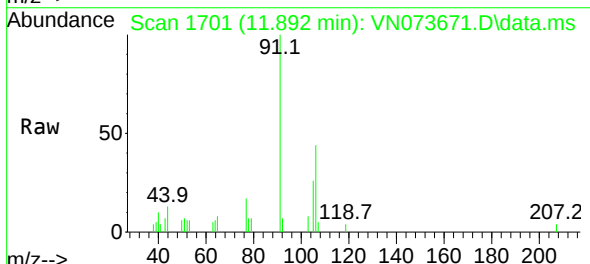
Instrument :  
MSVOA\_N  
ClientSampleId :

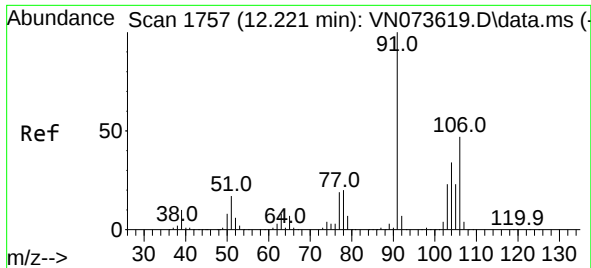
Tgt Ion: 91 Resp: 10300  
Ion Ratio Lower Upper  
91 100  
106 36.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 0.525 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion: 106 Resp: 3983  
Ion Ratio Lower Upper  
106 100  
91 214.4 158.9 238.3

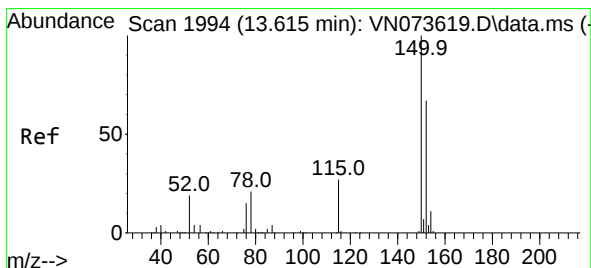
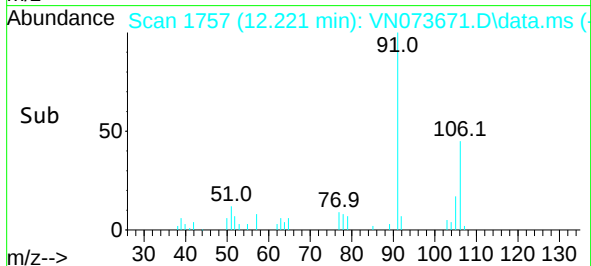
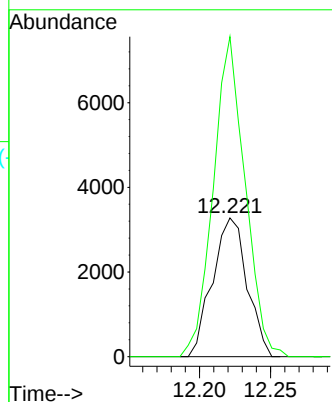
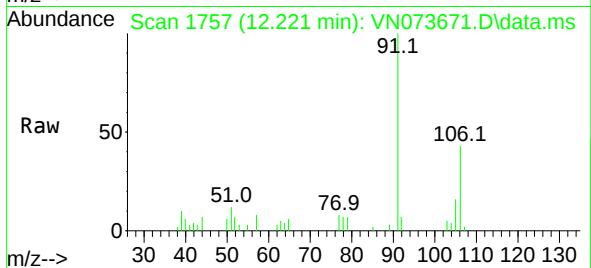




#69  
o-Xylene  
Concen: 0.753 ug/l  
RT: 12.221 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

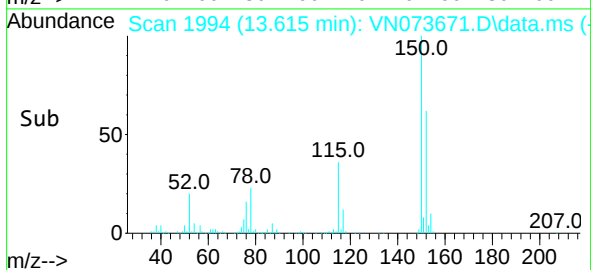
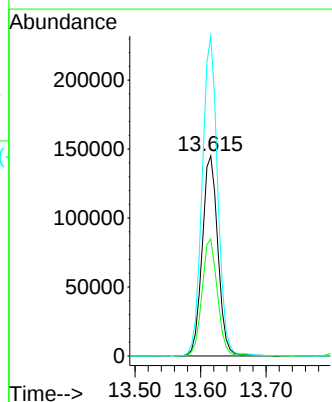
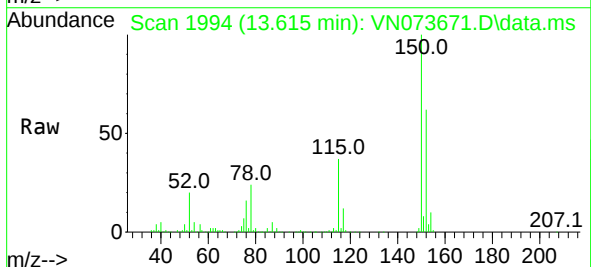
Instrument :  
MSVOA\_N  
ClientSampleId :

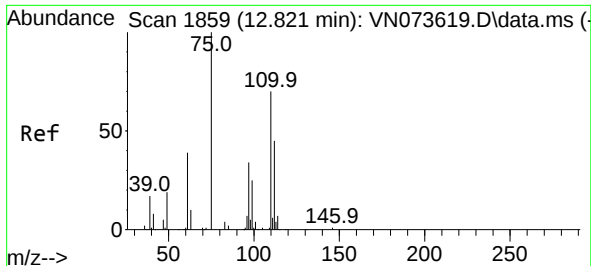
Tgt Ion:106 Resp: 5562  
Ion Ratio Lower Upper  
106 100  
91 211.5 106.0 318.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion:152 Resp: 242462  
Ion Ratio Lower Upper  
152 100  
115 57.6 28.9 86.7  
150 157.7 0.0 356.2

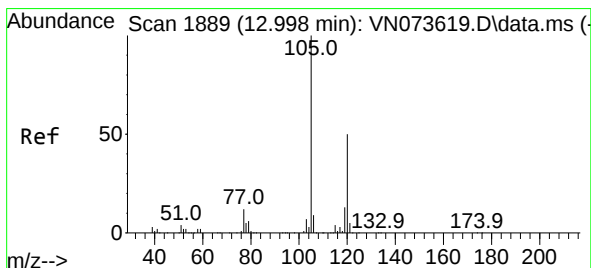
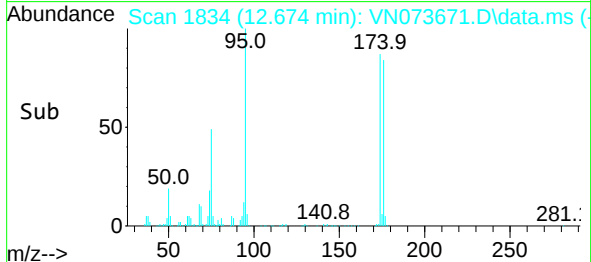
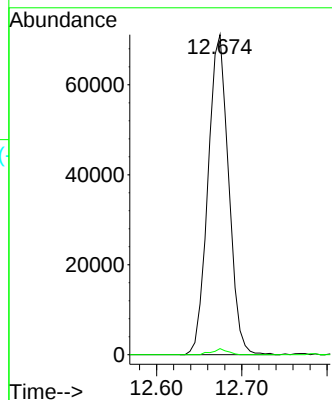
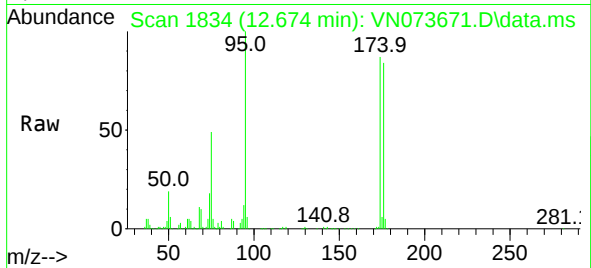




#76  
 1,2,3-Trichloropropane  
 Concen: 25.288 ug/l  
 RT: 12.674 min Scan# 1834  
 Delta R.T. -0.147 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

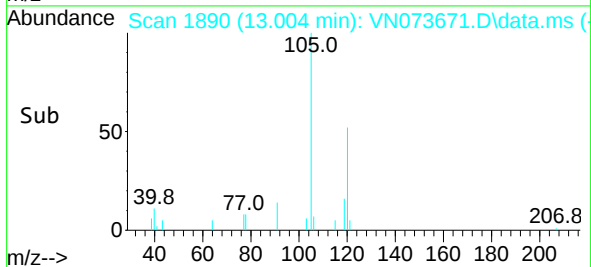
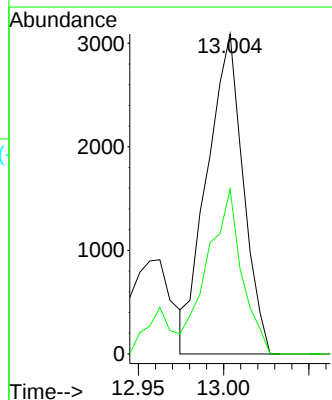
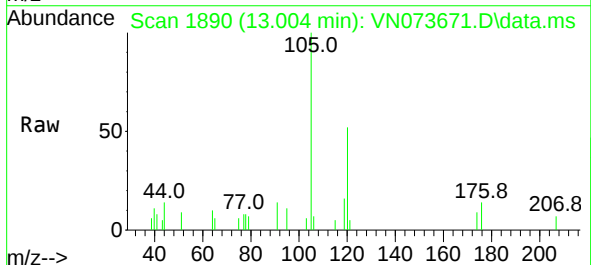
Instrument :  
 MSVOA\_N  
 ClientSampleId :

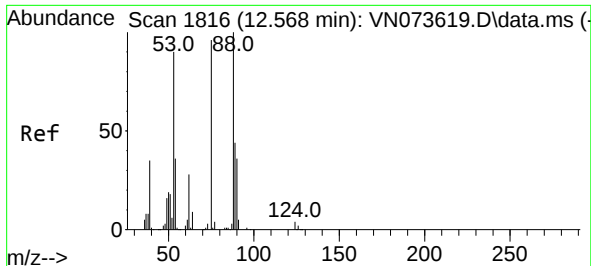
Tgt Ion: 75 Resp: 119401  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 98.5 295.5#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.311 ug/l  
 RT: 13.004 min Scan# 1890  
 Delta R.T. 0.006 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

Tgt Ion: 105 Resp: 4549  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 24.9 74.7

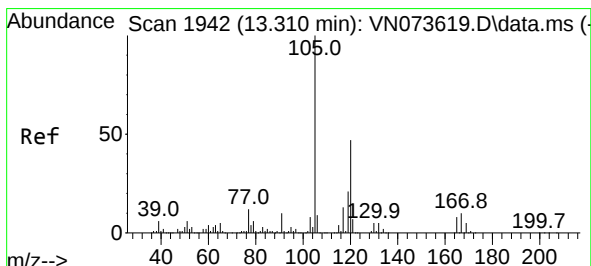
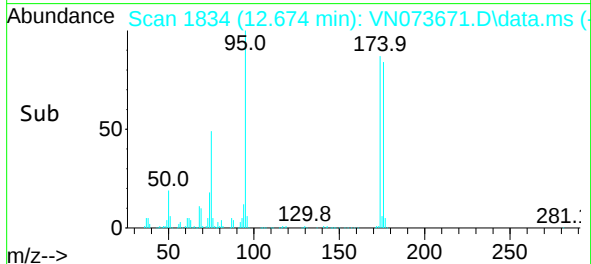
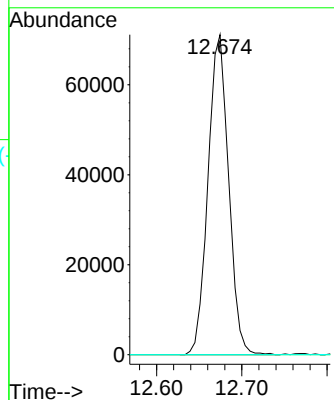
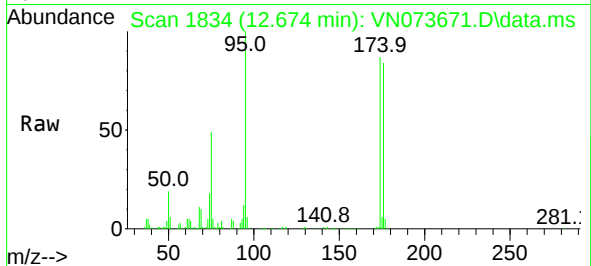




#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.818 ug/l  
RT: 12.674 min Scan# 1816  
Delta R.T. 0.106 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

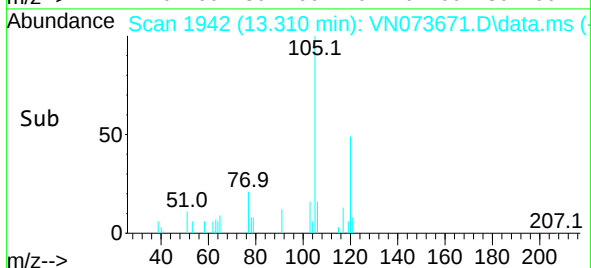
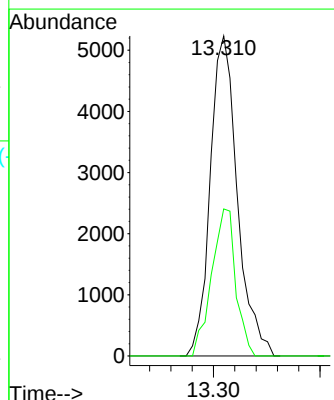
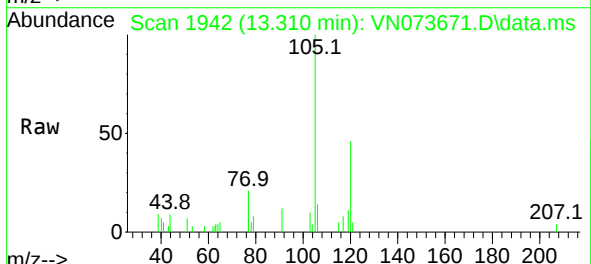
Instrument :  
MSVOA\_N  
ClientSampleId :

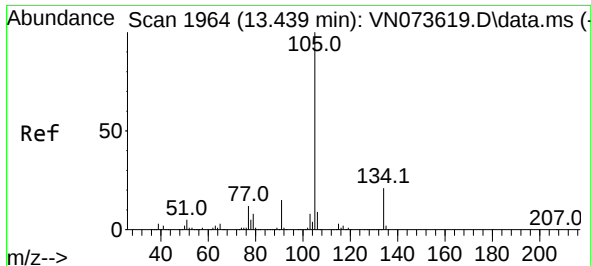
Tgt Ion: 75 Resp: 119401  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.644 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion:105 Resp: 9254  
Ion Ratio Lower Upper  
105 100  
120 40.7 23.3 69.8

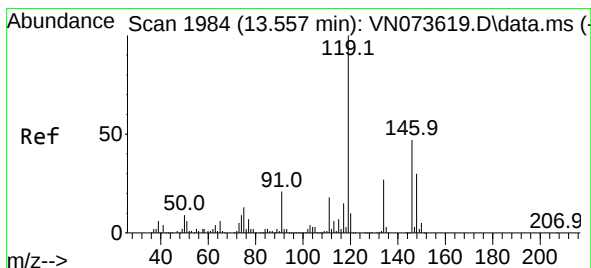
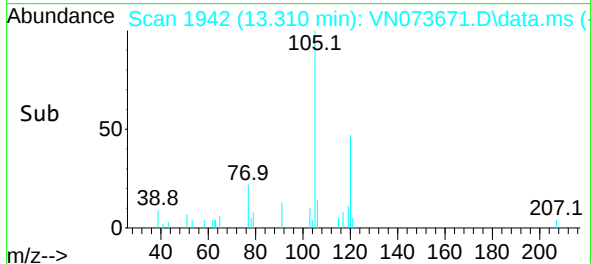
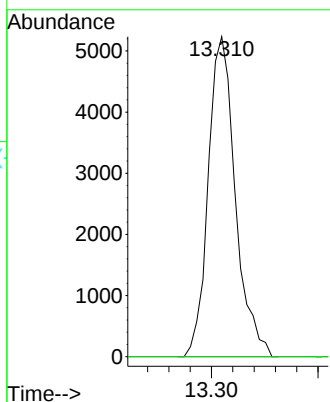
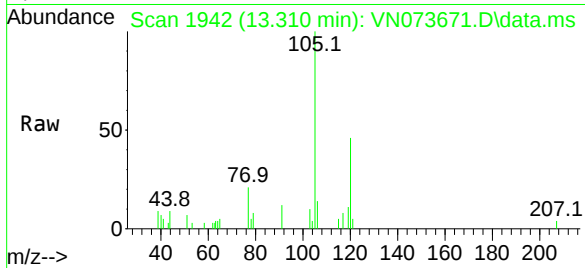




#85  
 sec-Butylbenzene  
 Concen: 0.518 ug/l  
 RT: 13.310 min Scan# 1942  
 Delta R.T. -0.129 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

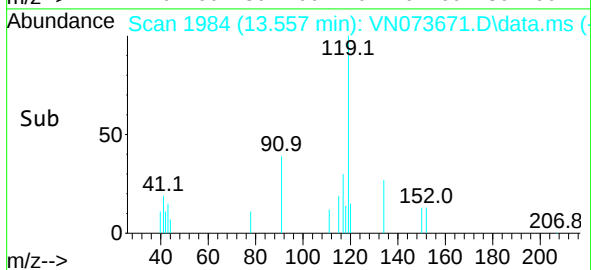
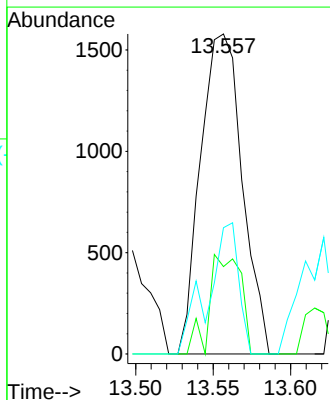
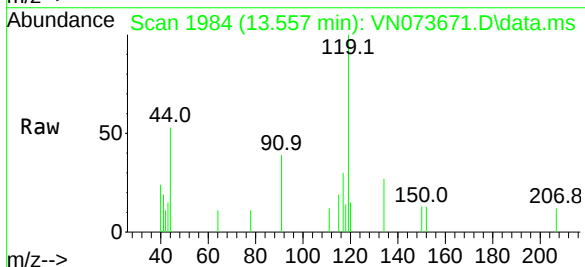
Instrument :  
 MSVOA\_N  
 ClientSampleId :

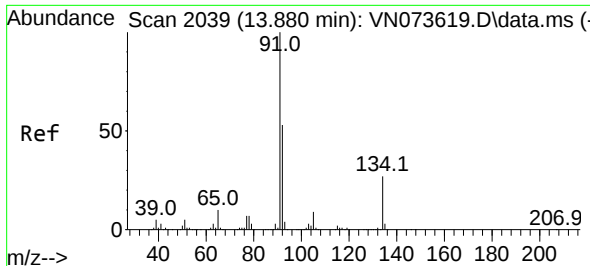
Tgt Ion:105 Resp: 9254  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.210 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN073671.D  
 Acq: 01 Aug 2022 19:48

Tgt Ion:119 Resp: 2957  
 Ion Ratio Lower Upper  
 119 100  
 134 23.5 13.3 39.8  
 91 30.4 11.3 33.9

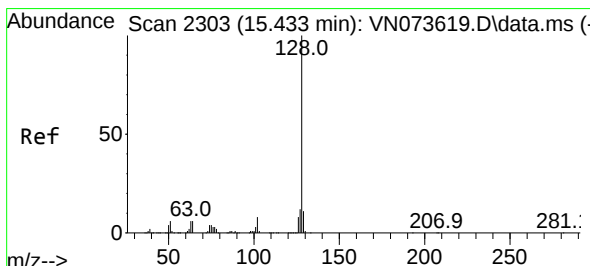
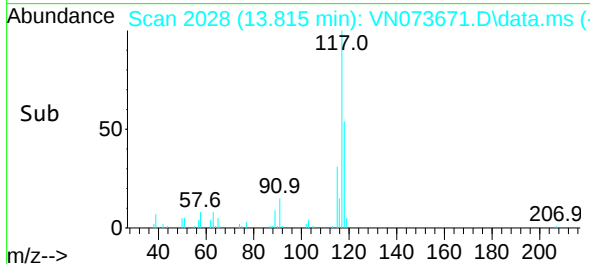
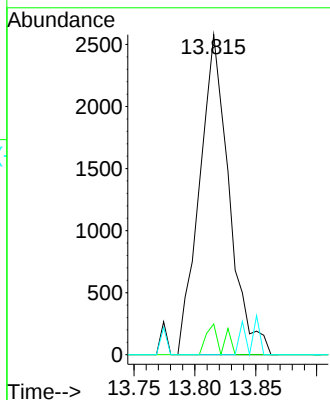
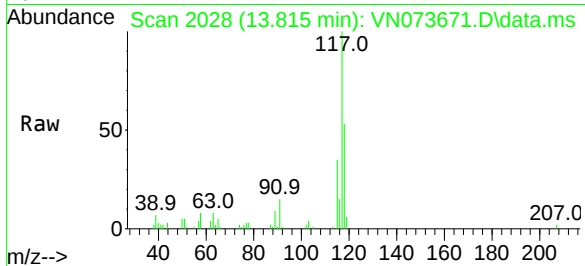




#89  
n-Butylbenzene  
Concen: 0.380 ug/l  
RT: 13.815 min Scan# 2039  
Delta R.T. -0.065 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 91 Resp: 4355  
Ion Ratio Lower Upper  
91 100  
92 5.1 26.9 80.7#  
134 0.0 13.6 40.8#



#95  
Naphthalene  
Concen: 43.912 ug/l  
RT: 15.439 min Scan# 2304  
Delta R.T. 0.006 min  
Lab File: VN073671.D  
Acq: 01 Aug 2022 19:48

Tgt Ion:128 Resp: 604985  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.7 8.6 13.0

