

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061122\  
 Data File : VN072783.D  
 Acq On : 11 Jun 2022 12:28  
 Operator : JC\MD  
 Sample : VN0611WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 13 01:18:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N060622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Jun 06 14:10:15 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.651  | 128   | 36712    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.963  | 114   | 224925   | 30.000   | ug/l       | # 0.00   |
| 57) Chlorobenzene-d5         | 11.739 | 117   | 204034   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.434  | 65    | 133675   | 31.927   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 106.433% |          |
| 60) 4-Bromofluorobenzene     | 12.727 | 95    | 121087   | 28.854   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 96.167%  |          |
| 63) Toluene-d8               | 10.439 | 98    | 352863   | 31.220   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 104.067% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 54247    | 19.725   | ug/l       | 99       |
| 3) Chloromethane             | 2.299  | 50    | 58174    | 19.452   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.434  | 62    | 60444    | 22.415   | ug/l       | 98       |
| 5) Bromomethane              | 2.840  | 94    | 30209    | 21.664   | ug/l       | 100      |
| 6) Chloroethane              | 3.005  | 64    | 47324    | 26.321   | ug/l       | 94       |
| 7) Trichlorofluoromethane    | 3.369  | 101   | 100904   | 20.699   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.816  | 74    | 40544    | 21.452   | ug/l       | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 4.216  | 101   | 56094    | 21.843   | ug/l       | 78       |
| 10) 1,1-Dichloroethene       | 4.175  | 96    | 47987    | 19.784   | ug/l       | 92       |
| 11) Methyl Iodide            | 4.416  | 142   | 42796    | 17.623   | ug/l       | 90       |
| 12) Methyl Acetate           | 4.846  | 43    | 109866   | 21.954   | ug/l       | # 88     |
| 13) Acrolein                 | 4.034  | 56    | 44369    | 101.284  | ug/l       | 99       |
| 14) Acrylonitrile            | 5.545  | 53    | 220519   | 108.103  | ug/l       | 99       |
| 15) Acetone                  | 4.275  | 58    | 57255    | 103.664  | ug/l       | 92       |
| 16) Carbon Disulfide         | 4.522  | 76    | 101068   | 16.529   | ug/l       | 99       |
| 17) Allyl chloride           | 4.834  | 41    | 110463   | 21.081   | ug/l       | 85       |
| 18) Methylene Chloride       | 5.087  | 84    | 64618    | 21.217   | ug/l       | # 86     |
| 19) trans-1,2-Dichloroethene | 5.593  | 96    | 52843    | 20.132   | ug/l       | 95       |
| 20) Diisopropyl ether        | 6.492  | 45    | 243851   | 23.499   | ug/l       | 96       |
| 21) 1,1-Dichloroethane       | 6.381  | 63    | 125459   | 21.760   | ug/l       | 99       |
| 22) cis-1,2-Dichloroethene   | 7.322  | 96    | 69193    | 21.045   | ug/l       | 87       |
| 23) tert-Butyl Alcohol       | 5.357  | 59    | 89856    | 94.657   | ug/l       | # 100    |
| 25) Chloroform               | 7.810  | 83    | 130287   | 21.999   | ug/l       | 95       |
| 26) Cyclohexane              | 8.087  | 56    | 99798    | 20.761   | ug/l       | # 92     |
| 29) 1,1-Dichloropropene      | 8.216  | 75    | 85258    | 19.885   | ug/l       | 93       |
| 30) 2-Butanone               | 7.328  | 43    | 331911   | 106.966  | ug/l       | 93       |
| 31) 2,2-Dichloropropane      | 7.322  | 77    | 113364   | 19.533   | ug/l       | 93       |
| 32) 1,1,1-Trichloroethane    | 8.004  | 97    | 112148   | 19.990   | ug/l       | 94       |
| 33) Carbon Tetrachloride     | 8.204  | 117   | 93881    | 19.405   | ug/l       | 98       |
| 34) Benzene                  | 8.457  | 78    | 265994   | 20.970   | ug/l       | 98       |
| 35) Methacrylonitrile        | 7.634  | 41    | 70997    | 23.335   | ug/l       | 88       |
| 36) 1,2-Dichloroethane       | 8.528  | 62    | 112554   | 21.003   | ug/l       | 99       |
| 37) Trichloroethene          | 9.210  | 130   | 62400    | 20.406   | ug/l       | 95       |
| 38) Methylcyclohexane        | 9.457  | 83    | 104230   | 20.363   | ug/l       | 93       |
| 39) 1,2-Dichloropropane      | 9.486  | 63    | 74689    | 21.433   | ug/l       | 98       |
| 40) Dibromomethane           | 9.575  | 93    | 51158    | 21.385   | ug/l       | 90       |
| 41) Bromodichloromethane     | 9.757  | 83    | 107175   | 20.944   | ug/l       | 98       |
| 42) Vinyl Acetate            | 6.428  | 43    | 1075220  | 106.438  | ug/l       | 97       |
| 43) Ethyl Acetate            | 7.404  | 43    | 129078   | 21.712   | ug/l       | 96       |

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 Sample : VN0611WBSD01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 13 01:18:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N060622W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Jun 06 14:10:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 44) Isopropyl Acetate         | 8.557  | 43   | 206180   | 20.908  | ug/l   | 96       |
| 45) 1,4-Dioxane               | 9.563  | 88   | 34022    | 419.817 | ug/l   | 92       |
| 46) Methyl methacrylate       | 9.551  | 41   | 92304    | 20.933  | ug/l   | 88       |
| 47) n-amyl Acetate            | 12.386 | 43   | 154719   | 20.492  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene     | 10.716 | 75   | 116840   | 20.004  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.186 | 75   | 117083   | 19.741  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane     | 10.892 | 97   | 73498    | 21.731  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.757 | 69   | 127042   | 20.737  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 11.039 | 76   | 130738   | 21.721  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.233 | 129  | 75224    | 20.159  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.339 | 107  | 73536    | 20.678  | ug/l   | 95       |
| 55) 2-Chloroethyl vinyl ether | 10.039 | 63   | 271314   | 113.075 | ug/l   | 97       |
| 56) Bromoform                 | 12.457 | 173  | 47538    | 18.283  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.328 | 43   | 696282   | 113.777 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.080 | 43   | 507560   | 109.397 | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.975 | 164  | 56422    | 22.345  | ug/l   | 94       |
| 62) Toluene                   | 10.504 | 91   | 301611   | 21.801  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.769 | 112  | 180726   | 21.456  | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 69072    | 20.800  | ug/l   | 99       |
| 66) Ethyl Benzene             | 11.839 | 91   | 345644   | 21.761  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.951 | 106  | 245854   | 42.437  | ug/l   | 93       |
| 68) o-Xylene                  | 12.274 | 106  | 125463   | 21.228  | ug/l   | 96       |
| 69) Styrene                   | 12.292 | 104  | 191472   | 20.409  | ug/l   | 94       |
| 70) Isopropylbenzene          | 12.574 | 105  | 334644   | 21.669  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 113234   | 21.661  | ug/l   | 96       |
| 72) 1,2,3-Trichloropropane    | 12.874 | 75   | 147129   | 32.250  | ug/l   | 50       |
| 73) Bromobenzene              | 12.857 | 156  | 65370    | 20.822  | ug/l   | 75       |
| 74) n-propylbenzene           | 12.916 | 91   | 377201   | 21.345  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 13.004 | 91   | 233746   | 21.339  | ug/l   | 92       |
| 76) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 274352   | 21.644  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 12.622 | 75   | 33240    | 17.287  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 13.098 | 91   | 214124   | 20.692  | ug/l   | 92       |
| 79) tert-butylbenzene         | 13.321 | 119  | 237551   | 20.991  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 13.498 | 105  | 326189   | 21.342  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.498 | 105  | 326189   | 21.342  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.610 | 119  | 261336   | 21.420  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.610 | 146  | 112635   | 20.494  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.692 | 146  | 105584   | 19.785  | ug/l   | 94       |
| 85) n-Butylbenzene            | 13.939 | 91   | 215848   | 20.865  | ug/l   | 98       |
| 86) Hexachloroethane          | 14.210 | 117  | 50189    | 18.589  | ug/l   | 89       |
| 87) 1,2-Dichlorobenzene       | 13.986 | 146  | 111067   | 20.420  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 24702    | 18.846  | ug/l   | 86       |
| 89) 1,2,4-Trichlorobenzene    | 15.263 | 180  | 53154    | 19.392  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 15.368 | 225  | 25710    | 20.907  | ug/l   | 97       |
| 91) Naphthalene               | 15.504 | 128  | 200084   | 18.295  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 54971    | 19.714  | ug/l   | 95       |

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

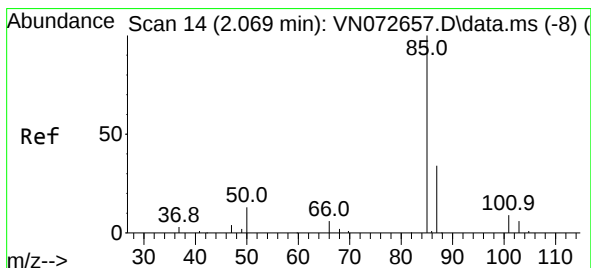
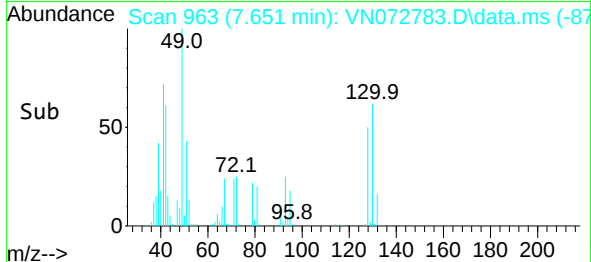
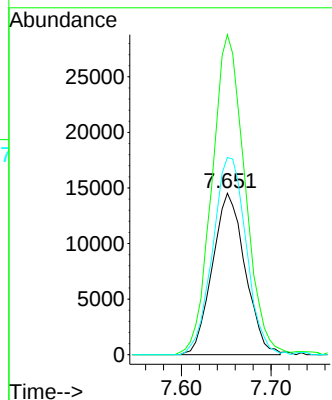
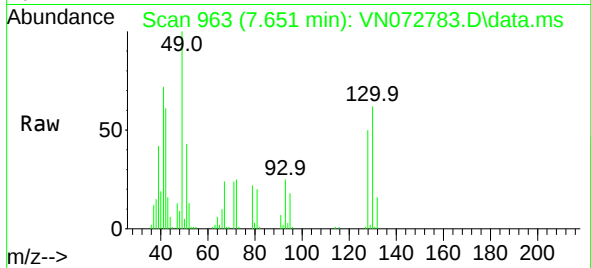




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.651 min Scan# 9  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

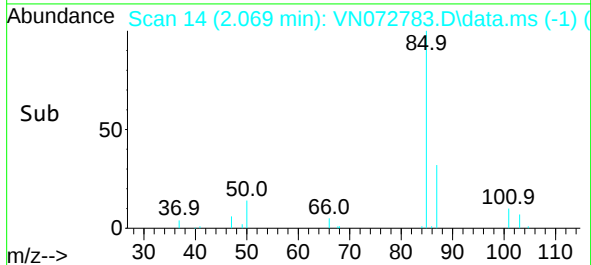
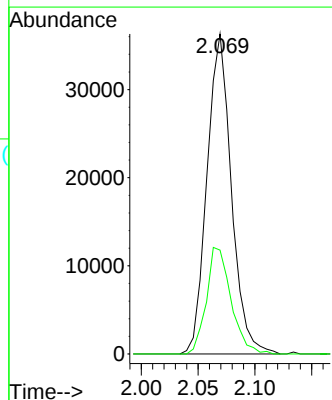
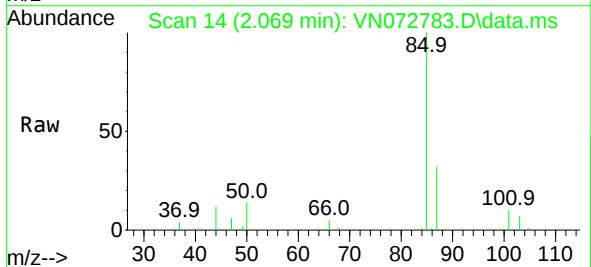
Instrument :  
MSVOA\_N  
ClientSampleId :

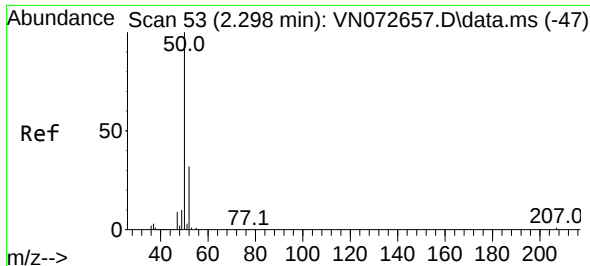
Tgt Ion:128 Resp: 36712  
Ion Ratio Lower Upper  
128 100  
49 200.1 0.0 392.3  
130 125.6 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 19.725 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 85 Resp: 54247  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.6 49.7

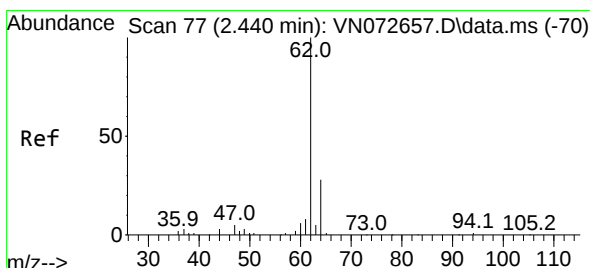
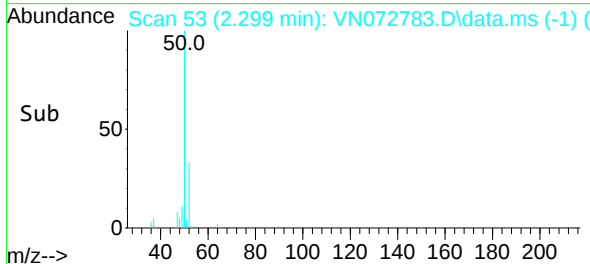
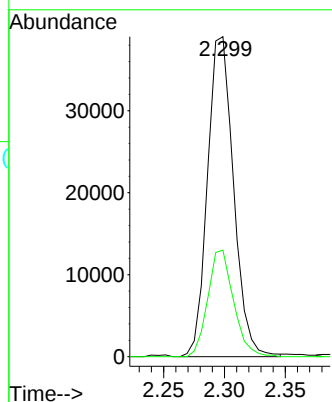
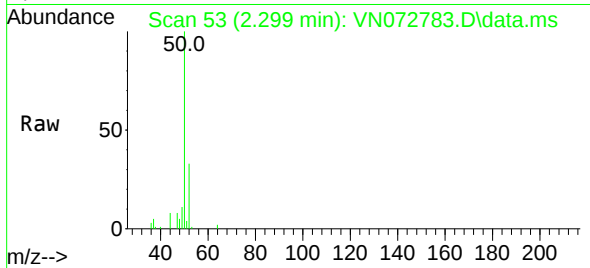




#3  
Chloromethane  
Concen: 19.452 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

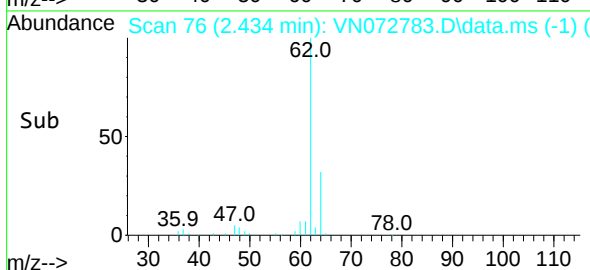
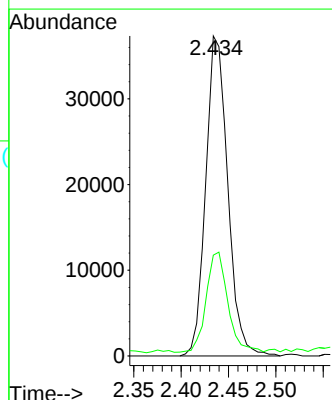
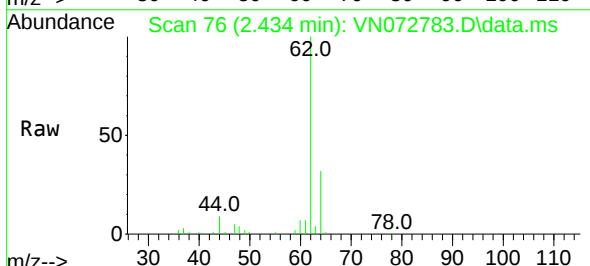
Instrument :  
MSVOA\_N  
ClientSampleId :

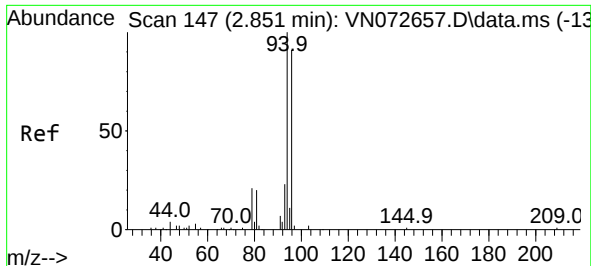
Tgt Ion: 50 Resp: 58174  
Ion Ratio Lower Upper  
50 100  
52 33.3 27.8 41.6



#4  
Vinyl Chloride  
Concen: 22.415 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 62 Resp: 60444  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.1 37.7

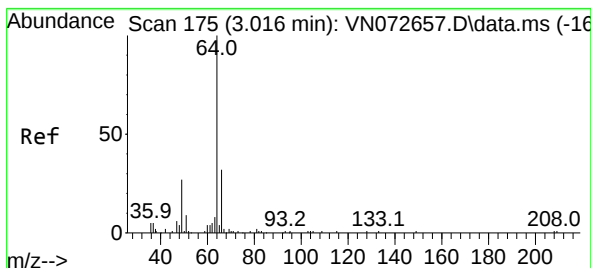
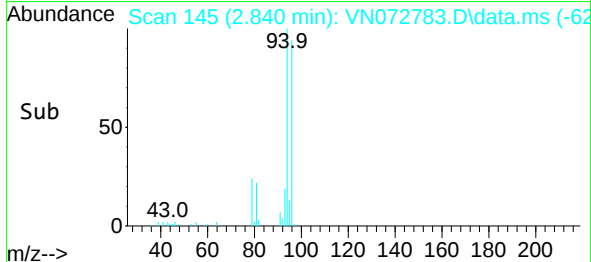
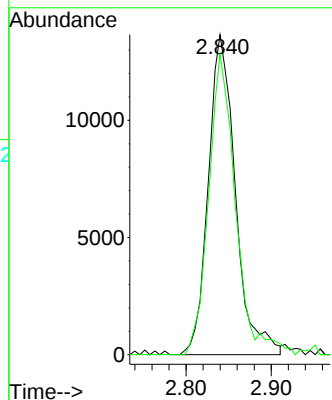
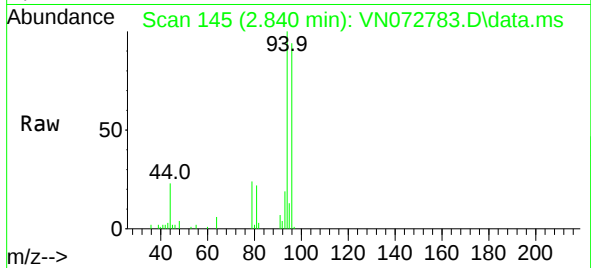




#5  
Bromomethane  
Concen: 21.664 ug/l  
RT: 2.840 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

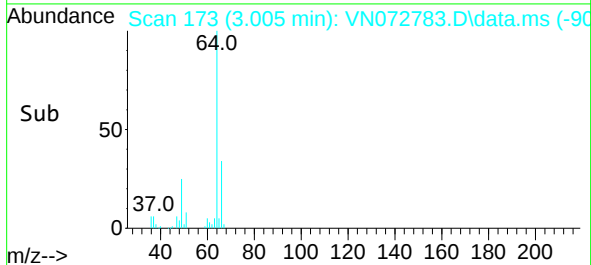
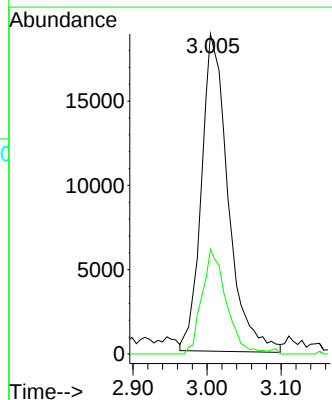
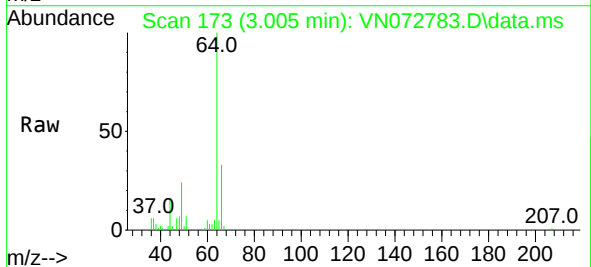
Instrument :  
MSVOA\_N  
ClientSampleId :

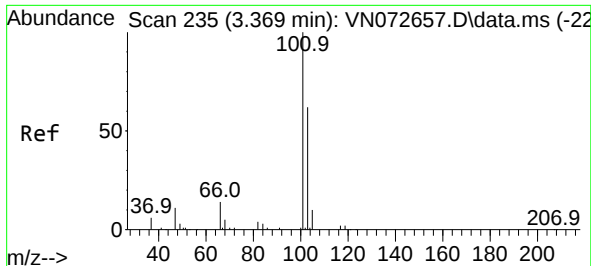
Tgt Ion: 94 Resp: 30209  
Ion Ratio Lower Upper  
94 100  
96 94.0 75.2 112.8



#6  
Chloroethane  
Concen: 26.321 ug/l  
RT: 3.005 min Scan# 173  
Delta R.T. -0.012 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 64 Resp: 47324  
Ion Ratio Lower Upper  
64 100  
66 33.8 24.6 36.8

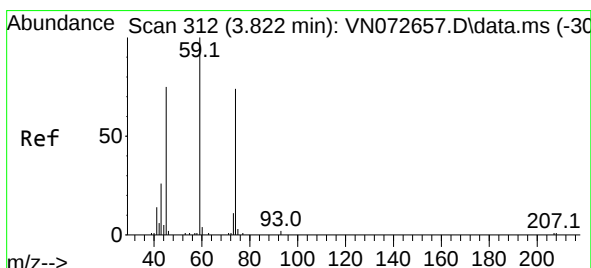
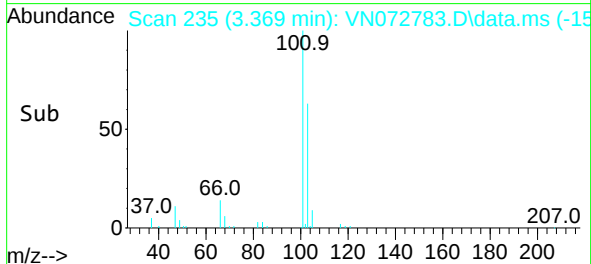
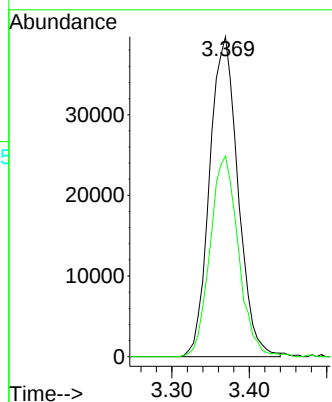
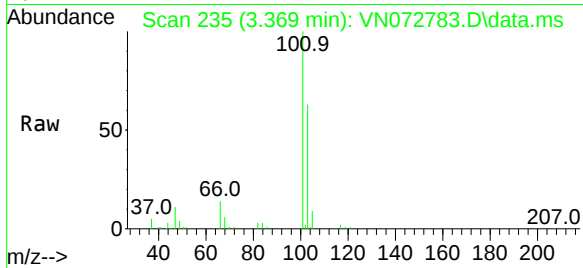




#7  
 Trichlorofluoromethane  
 Concen: 20.699 ug/l  
 RT: 3.369 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

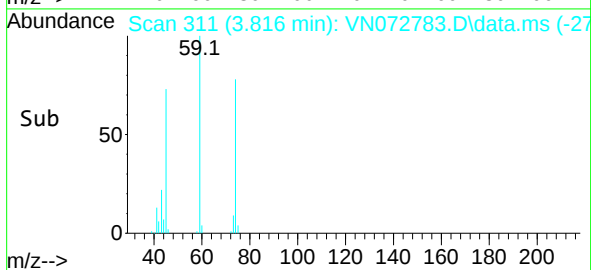
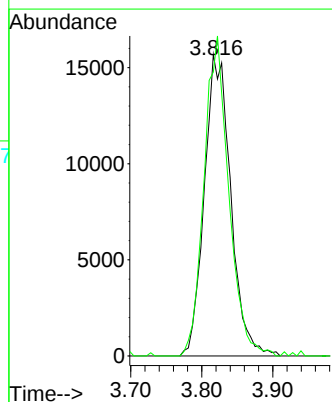
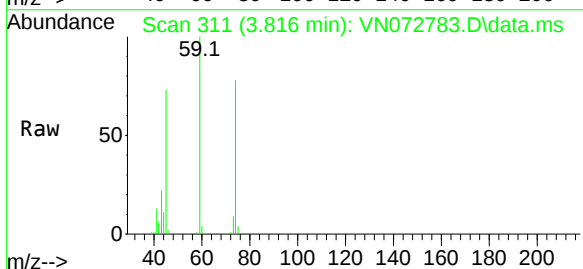
Instrument :  
 MSVOA\_N  
 ClientSampleId :

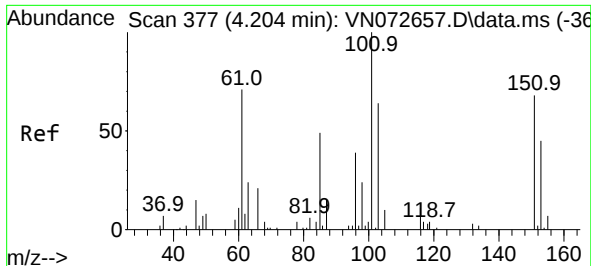
Tgt Ion:101 Resp: 100904  
 Ion Ratio Lower Upper  
 101 100  
 103 62.7 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 21.452 ug/l  
 RT: 3.816 min Scan# 311  
 Delta R.T. -0.006 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

Tgt Ion: 74 Resp: 40544  
 Ion Ratio Lower Upper  
 74 100  
 45 99.2 17.6 158.8

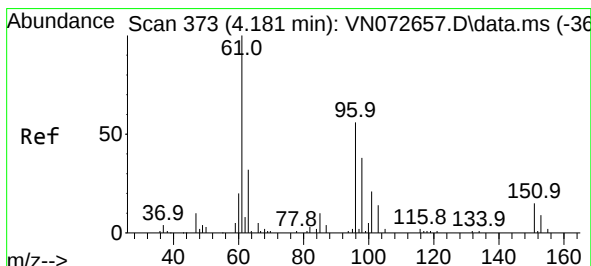
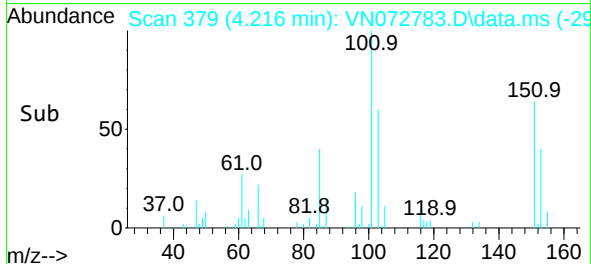
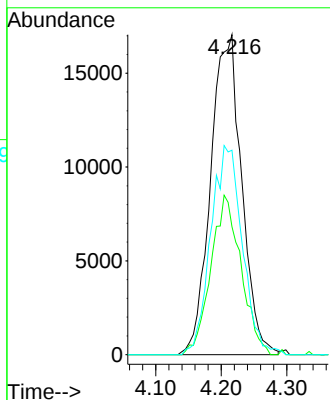
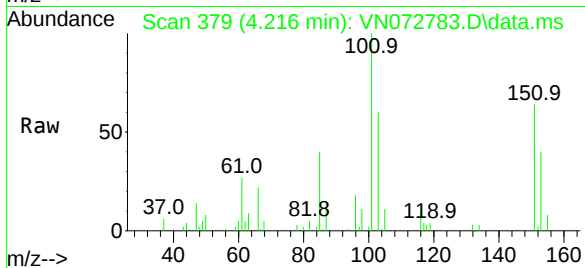




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.843 ug/l  
RT: 4.216 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

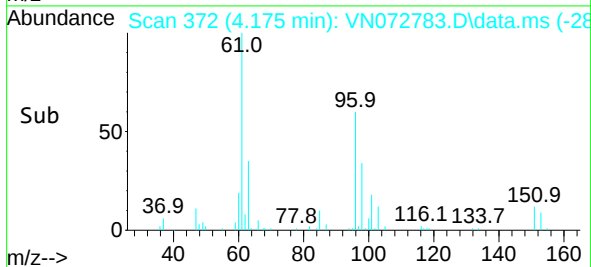
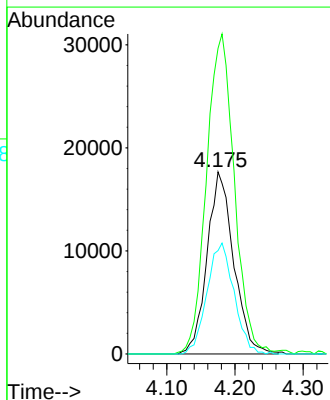
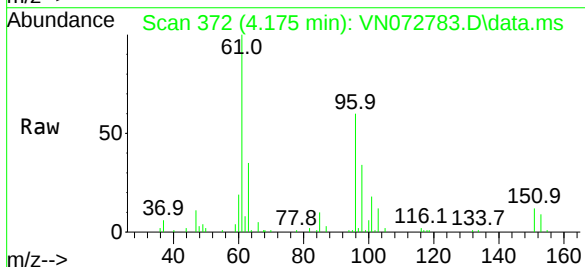
Instrument :  
MSVOA\_N  
ClientSampleId :

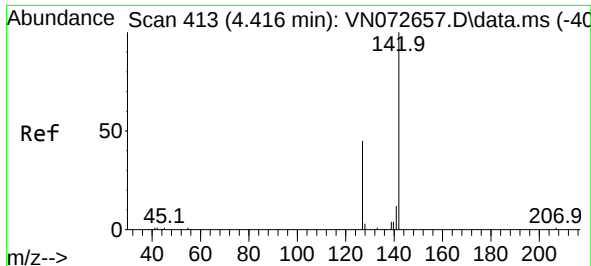
Tgt Ion:101 Resp: 56094  
Ion Ratio Lower Upper  
101 100  
85 48.3 0.0 94.0  
151 65.8 0.0 74.6



#10  
1,1-Dichloroethene  
Concen: 19.784 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

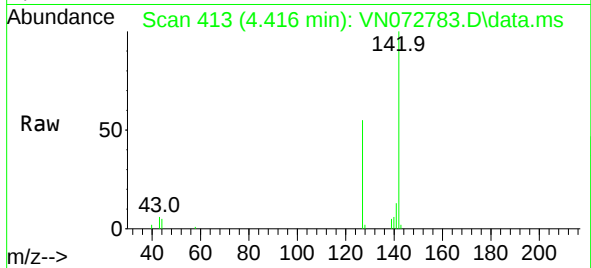
Tgt Ion: 96 Resp: 47987  
Ion Ratio Lower Upper  
96 100  
61 167.0 126.2 189.4  
98 56.7 50.9 76.3



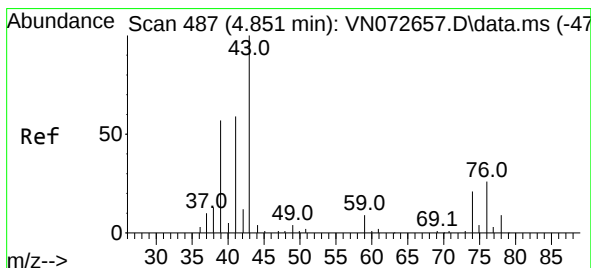
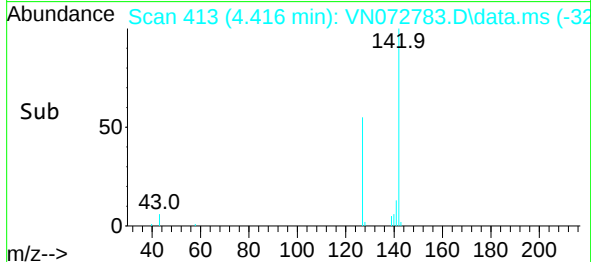
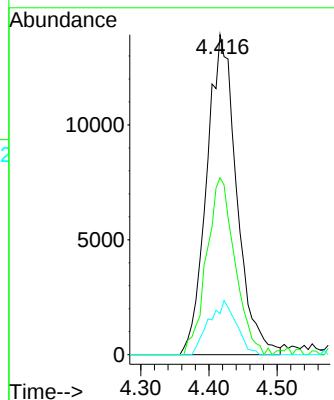


#11  
Methyl Iodide  
Concen: 17.623 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

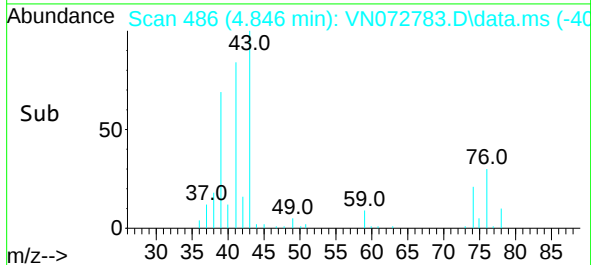
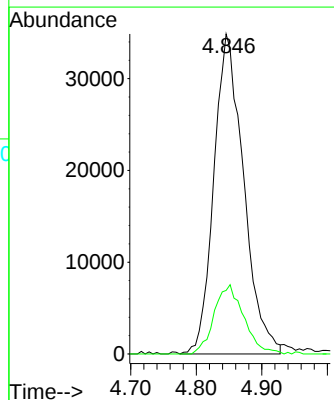
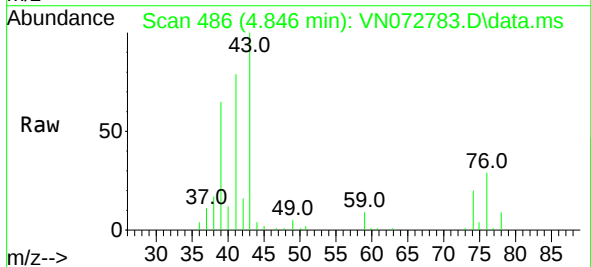


Tgt Ion:142 Resp: 42796  
Ion Ratio Lower Upper  
142 100  
127 55.2 24.0 72.0  
141 12.9 8.4 25.2



#12  
Methyl Acetate  
Concen: 21.954 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 43 Resp: 109866  
Ion Ratio Lower Upper  
43 100  
74 19.9 20.8 31.2#

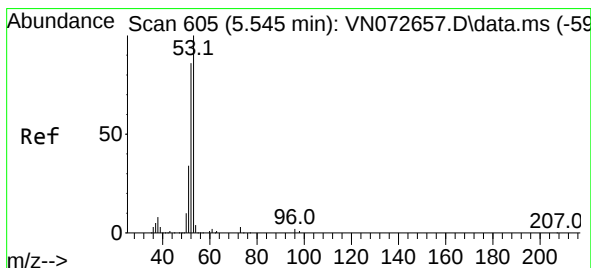
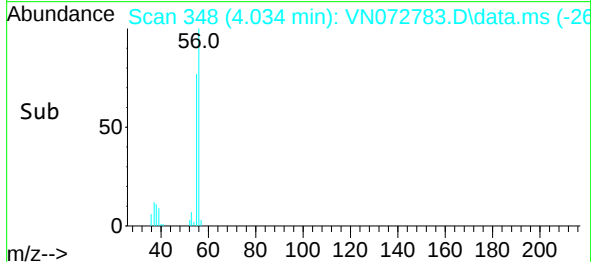
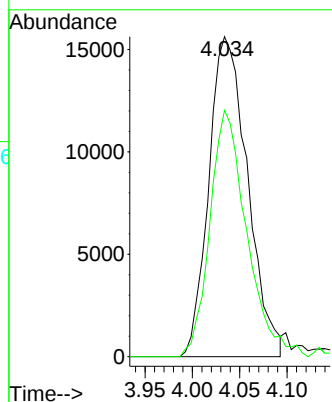
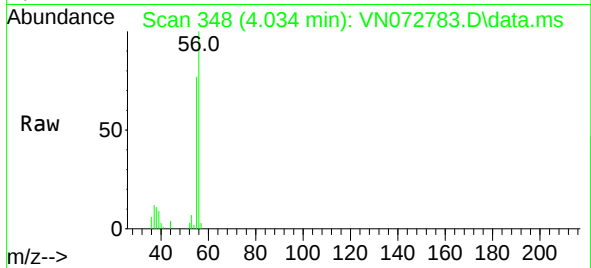




#13  
Acrolein  
Concen: 101.284 ug/l  
RT: 4.034 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

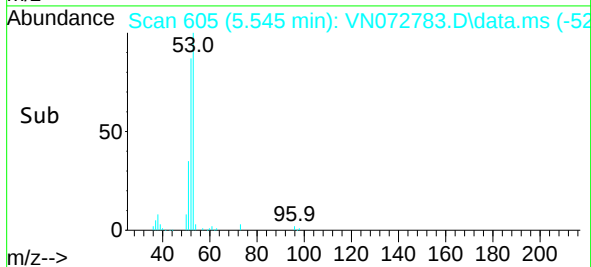
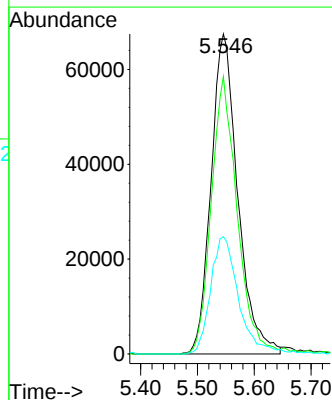
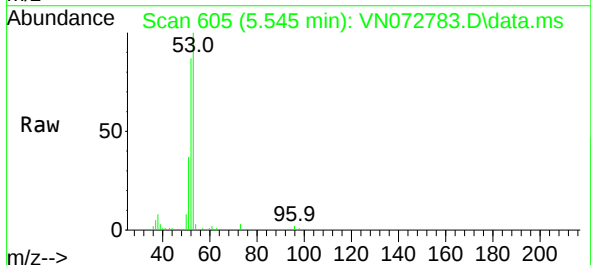
Instrument :  
MSVOA\_N  
ClientSampleId :

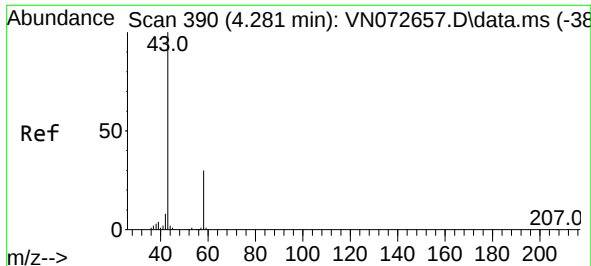
Tgt Ion: 56 Resp: 44369  
Ion Ratio Lower Upper  
56 100  
55 72.7 57.6 86.4



#14  
Acrylonitrile  
Concen: 108.103 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 53 Resp: 220519  
Ion Ratio Lower Upper  
53 100  
52 83.5 41.8 125.4  
51 36.8 19.0 57.0

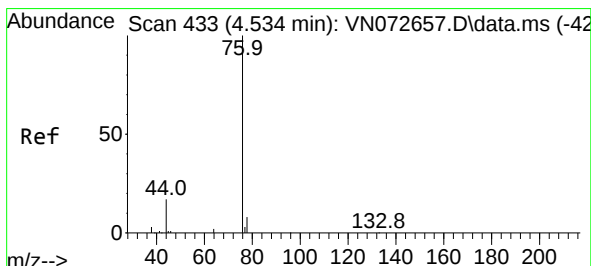
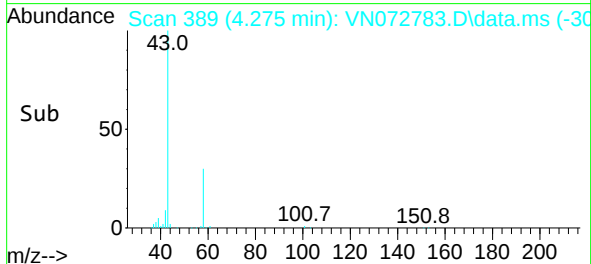
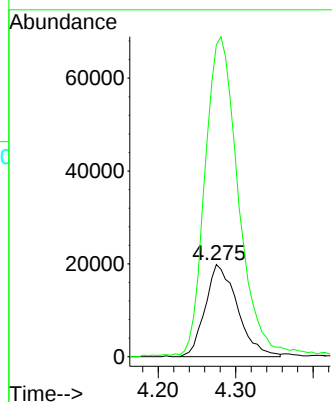
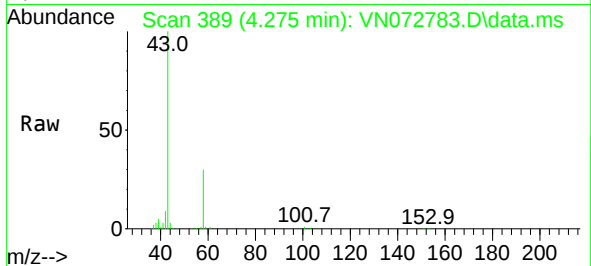




#15  
Acetone  
Concen: 103.664 ug/l  
RT: 4.275 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

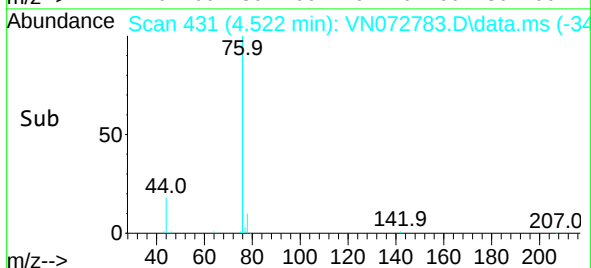
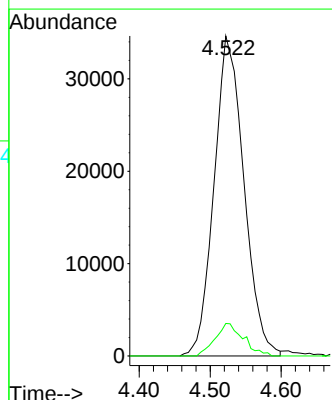
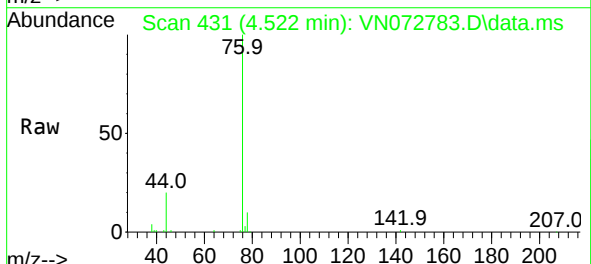
Instrument :  
MSVOA\_N  
ClientSampleId :

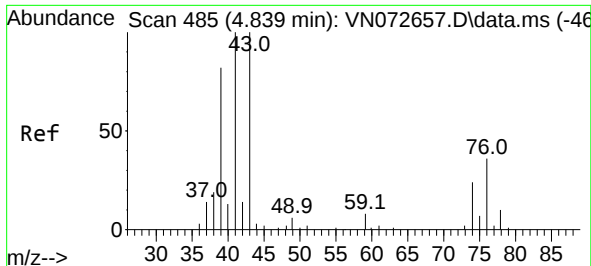
Tgt Ion: 58 Resp: 57255  
Ion Ratio Lower Upper  
58 100  
43 336.3 256.6 384.8



#16  
Carbon Disulfide  
Concen: 16.529 ug/l  
RT: 4.522 min Scan# 431  
Delta R.T. -0.012 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 76 Resp: 101068  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.8 11.8





#17

Allyl chloride

Concen: 21.081 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

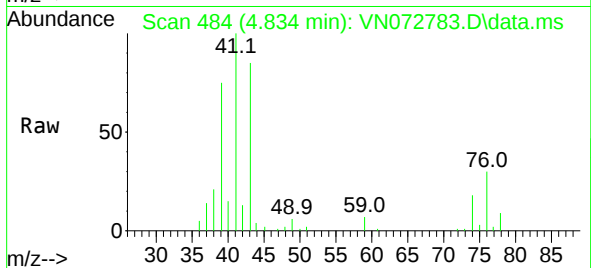
Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :



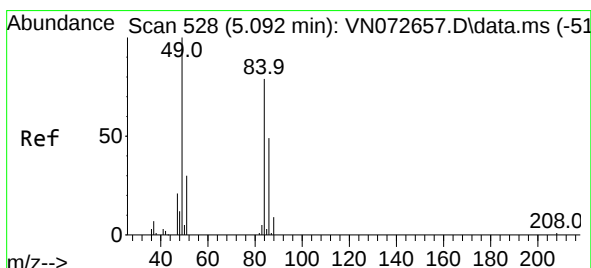
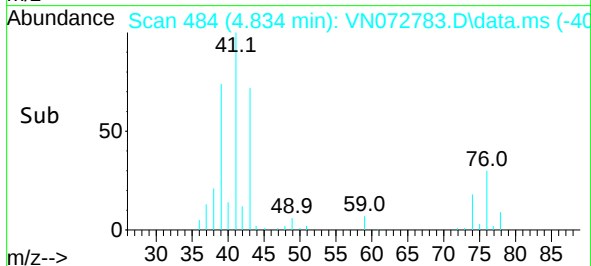
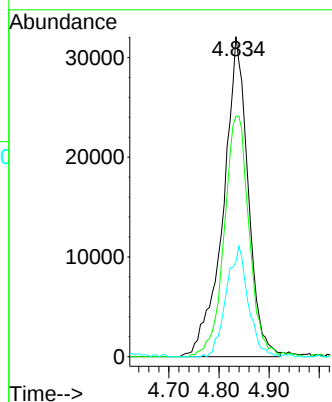
Tgt Ion: 41 Resp: 110463

Ion Ratio Lower Upper

41 100

39 75.1 44.6 134.0

76 29.6 19.6 58.7



#18

Methylene Chloride

Concen: 21.217 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Tgt Ion: 84 Resp: 64618

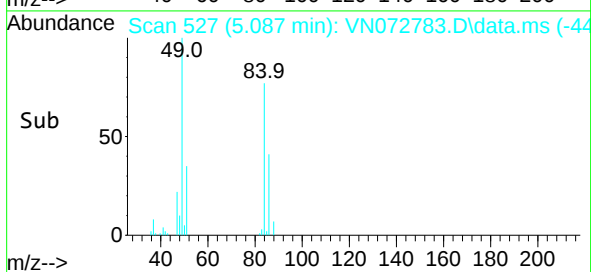
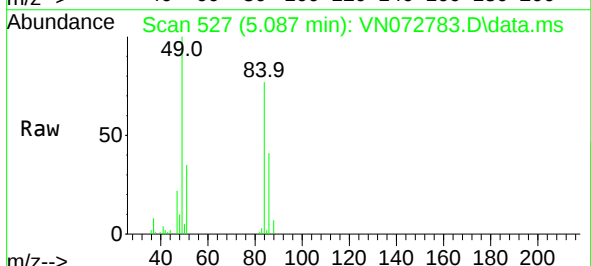
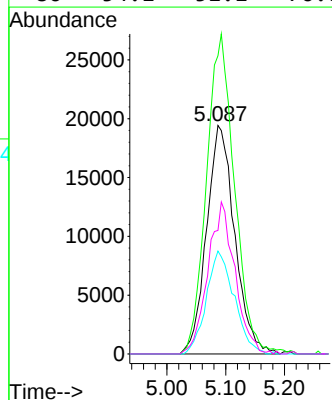
Ion Ratio Lower Upper

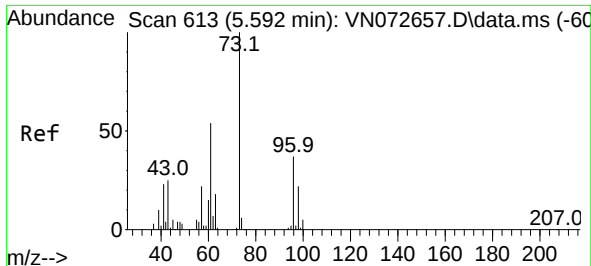
84 100

49 130.6 91.4 137.0

51 45.1 29.4 44.0#

86 54.1 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 20.132 ug/l

RT: 5.593 min Scan# 613

Delta R.T. 0.000 min

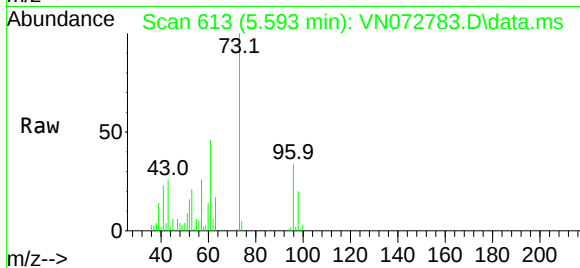
Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :



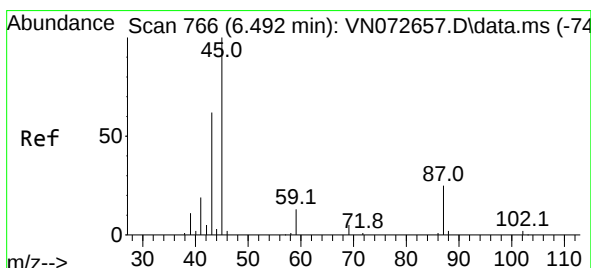
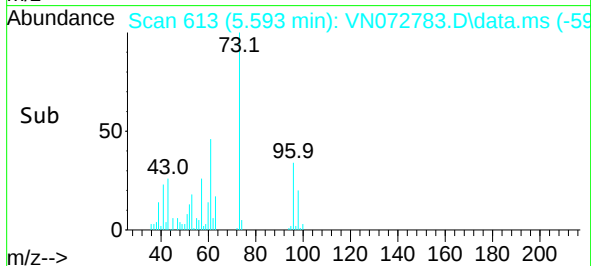
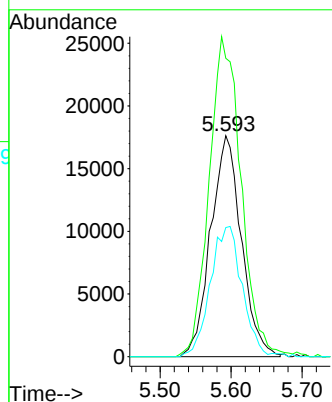
Tgt Ion: 96 Resp: 52843

Ion Ratio Lower Upper

96 100

61 133.9 102.8 154.2

98 58.4 49.3 73.9



#20

Diisopropyl ether

Concen: 23.499 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Tgt Ion: 45 Resp: 243851

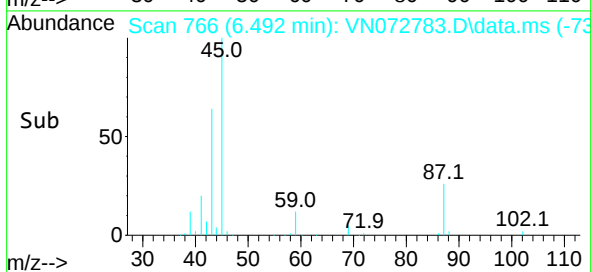
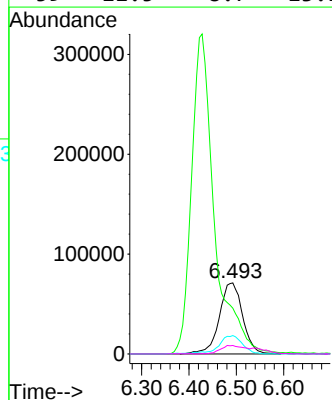
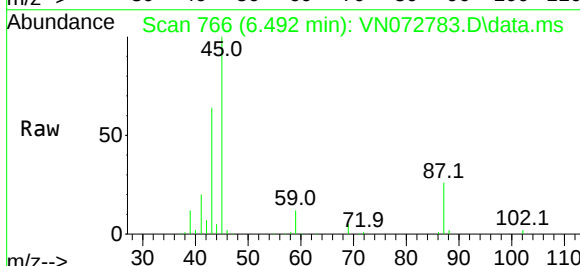
Ion Ratio Lower Upper

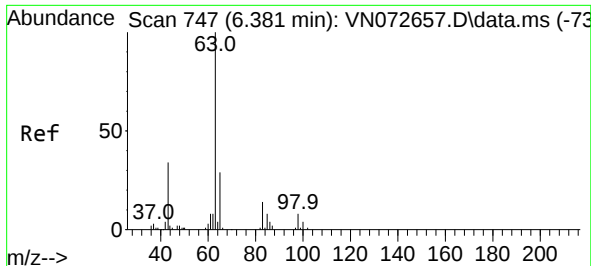
45 100

43 62.6 51.0 76.4

87 25.8 25.0 37.4

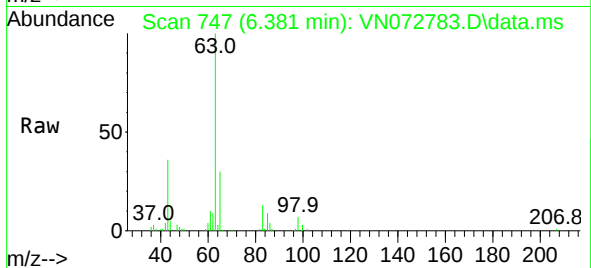
59 11.5 8.7 13.1



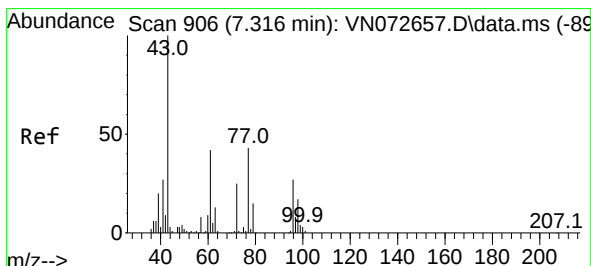
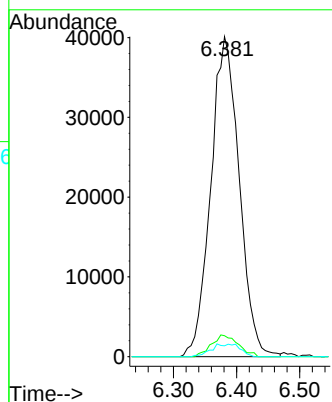
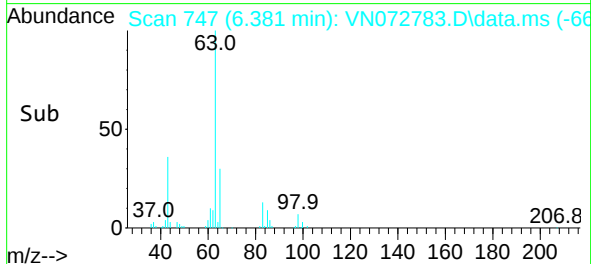


#21  
 1,1-Dichloroethane  
 Concen: 21.760 ug/l  
 RT: 6.381 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

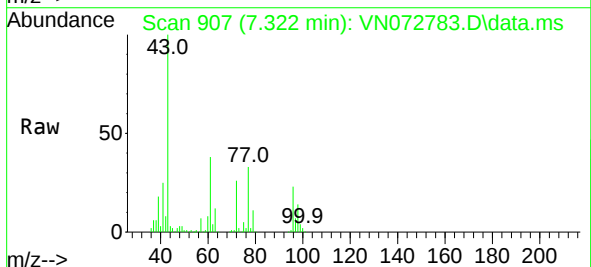
Instrument :  
 MSVOA\_N  
 ClientSampleId :



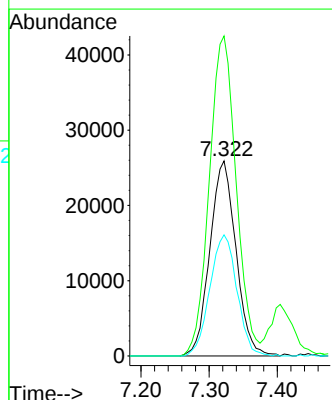
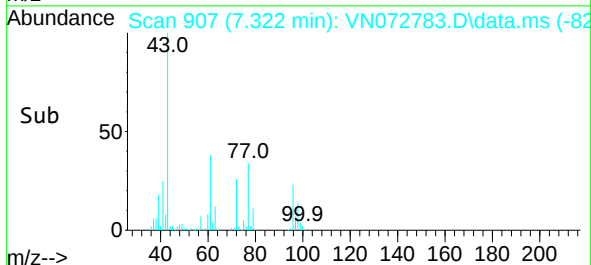
Tgt Ion: 63 Resp: 125459  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.2 9.6  
 100 3.4 2.1 6.2

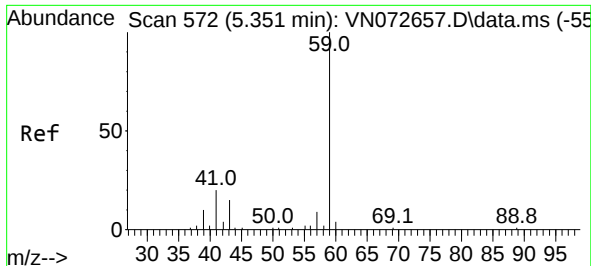


#22  
 cis-1,2-Dichloroethene  
 Concen: 21.045 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. 0.006 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28



Tgt Ion: 96 Resp: 69193  
 Ion Ratio Lower Upper  
 96 100  
 61 168.6 115.7 173.5  
 98 64.2 51.6 77.4

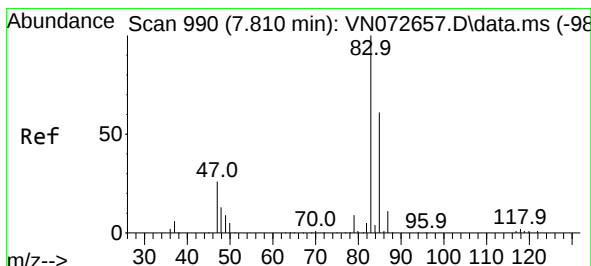
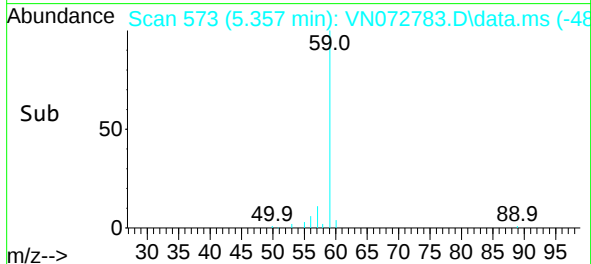
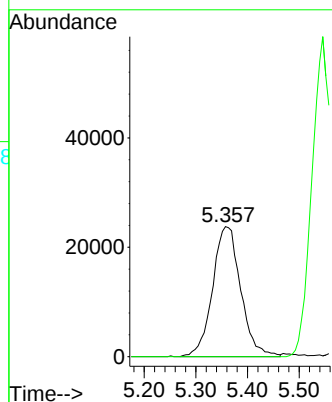
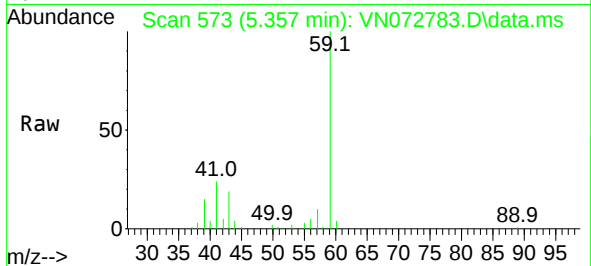




#23  
tert-Butyl Alcohol  
Concen: 94.657 ug/l  
RT: 5.357 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

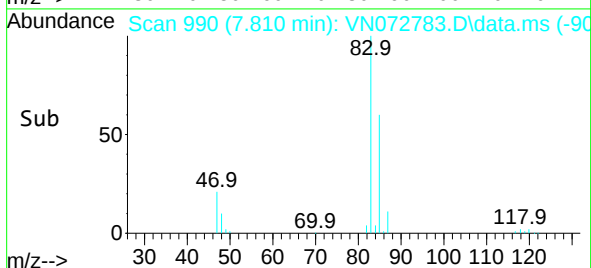
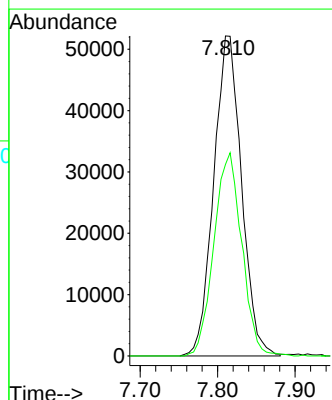
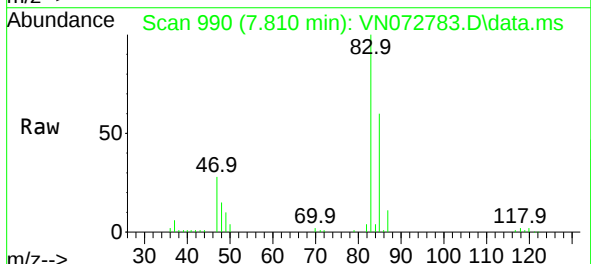
Instrument :  
MSVOA\_N  
ClientSampleId :

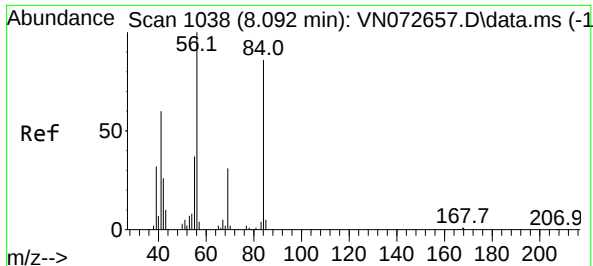
Tgt Ion: 59 Resp: 89856  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#25  
Chloroform  
Concen: 21.999 ug/l  
RT: 7.810 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

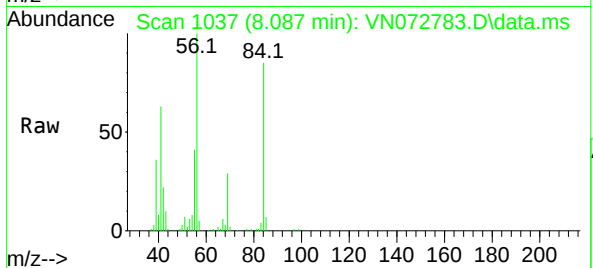
Tgt Ion: 83 Resp: 130287  
Ion Ratio Lower Upper  
83 100  
85 59.8 51.3 76.9



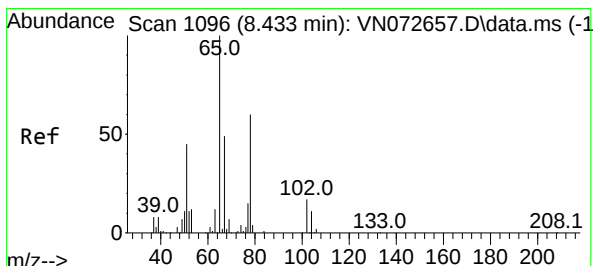
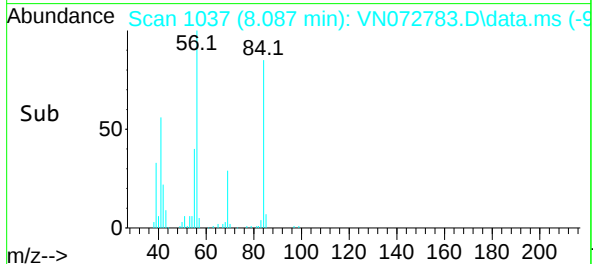
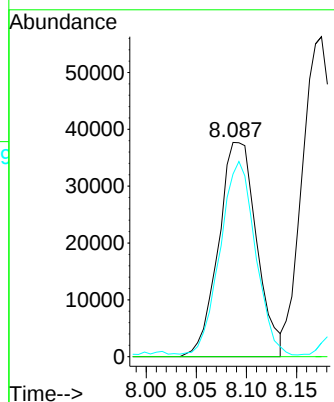


#26  
Cyclohexane  
Concen: 20.761 ug/l  
RT: 8.087 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

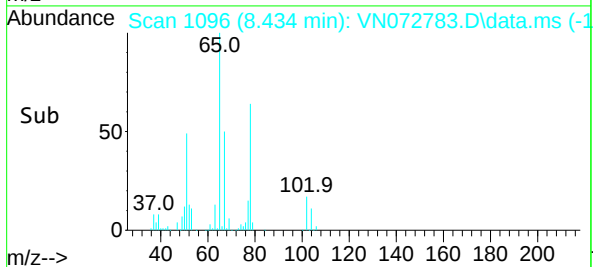
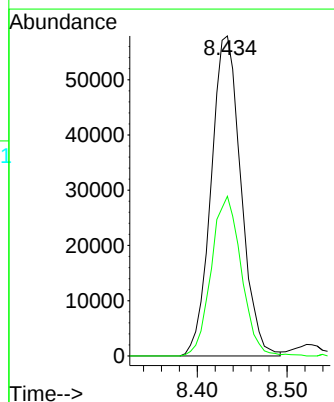
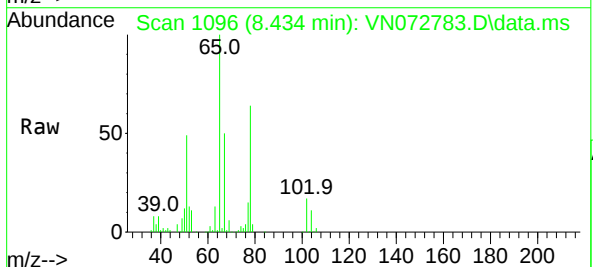


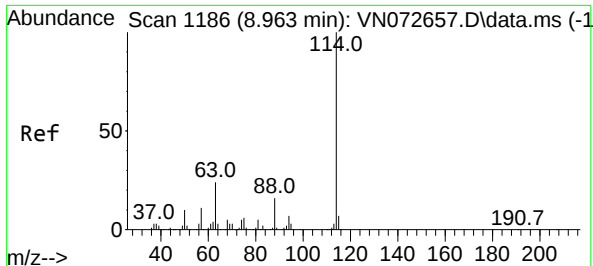
Tgt Ion: 56 Resp: 99798  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.1 0.1#  
84 85.4 74.6 111.8



#27  
1,2-Dichloroethane-d4  
Concen: 31.927 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

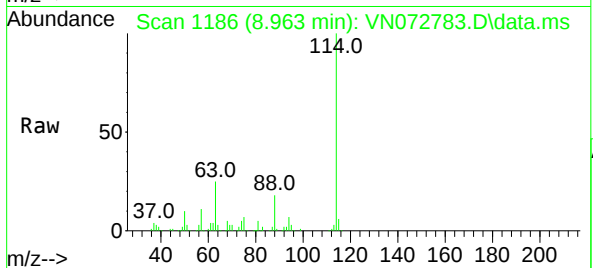
Tgt Ion: 65 Resp: 133675  
Ion Ratio Lower Upper  
65 100  
67 49.9 40.2 60.2



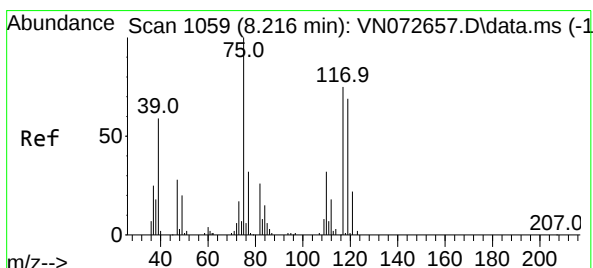
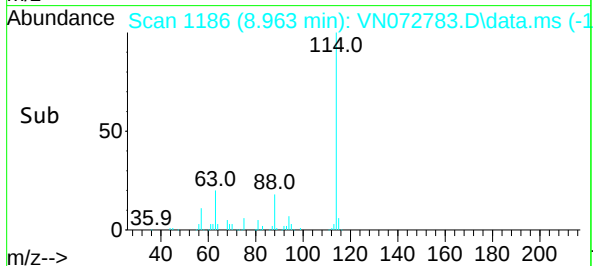
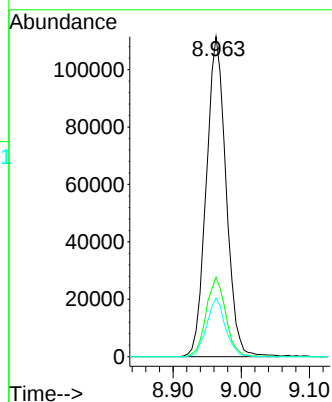


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

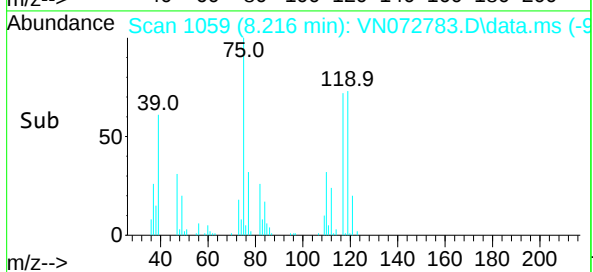
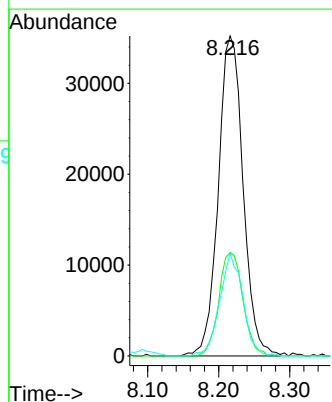
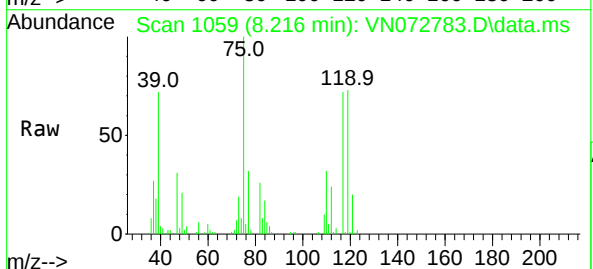


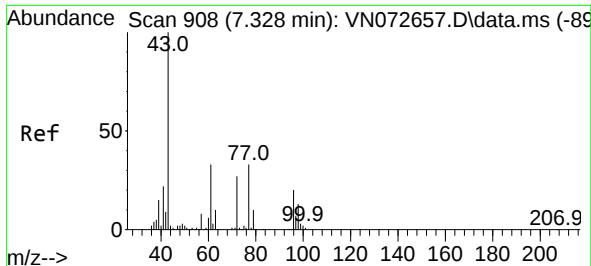
Tgt Ion:114 Resp: 224925  
Ion Ratio Lower Upper  
114 100  
63 24.5 15.8 23.6#  
88 17.3 11.6 17.4



#29  
1,1-Dichloropropene  
Concen: 19.885 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

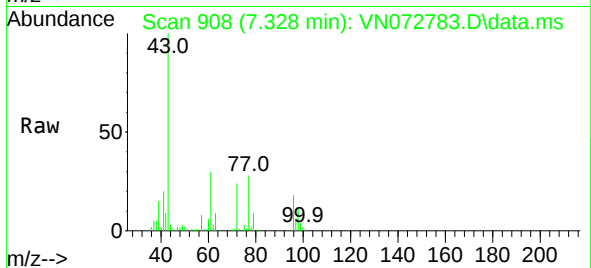
Tgt Ion: 75 Resp: 85258  
Ion Ratio Lower Upper  
75 100  
110 31.3 0.0 74.2  
77 30.0 0.0 63.2



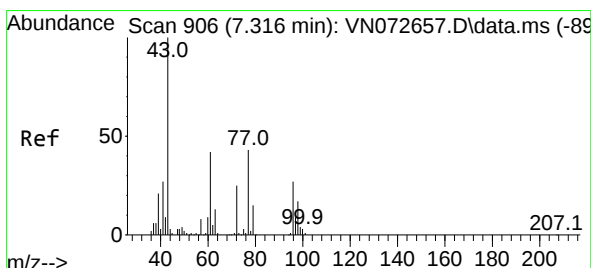
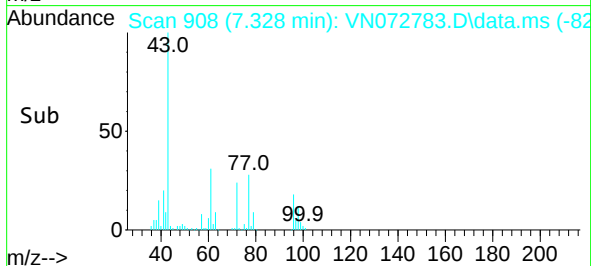
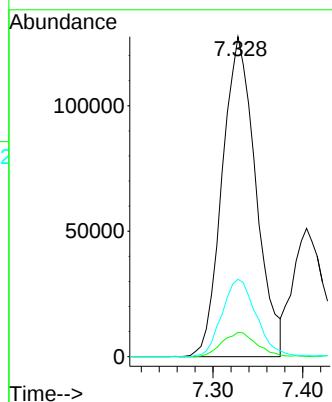


#30  
2-Butanone  
Concen: 106.966 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

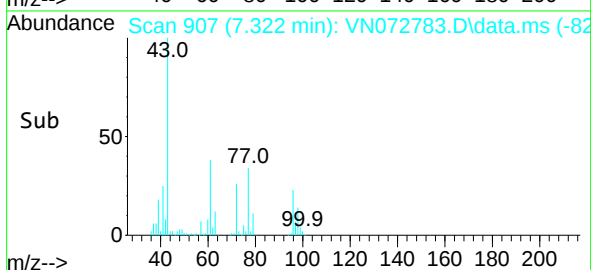
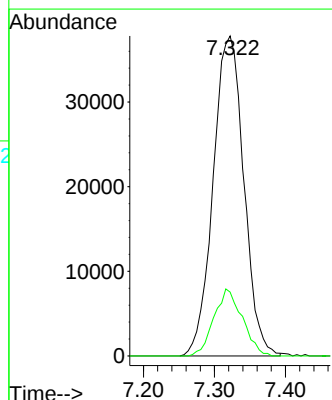
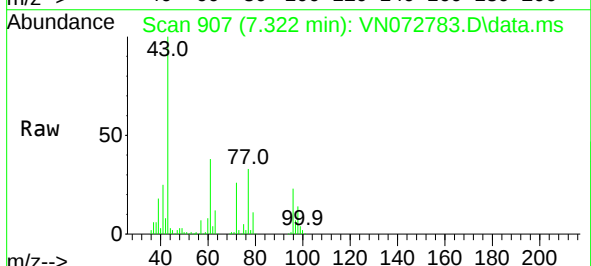


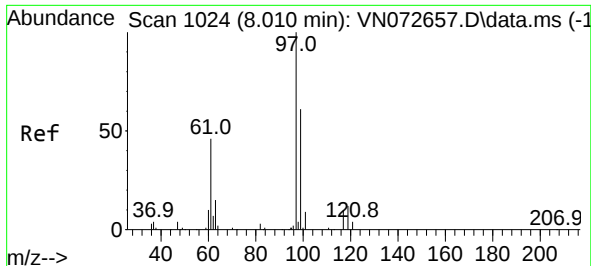
Tgt Ion: 43 Resp: 331911  
Ion Ratio Lower Upper  
43 100  
57 7.8 6.7 10.1  
72 24.6 23.2 34.8



#31  
2,2-Dichloropropane  
Concen: 19.533 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 77 Resp: 113364  
Ion Ratio Lower Upper  
77 100  
97 19.4 18.3 27.5

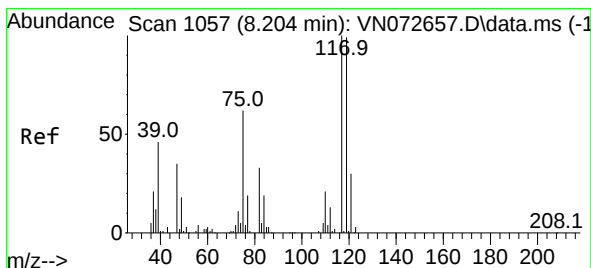
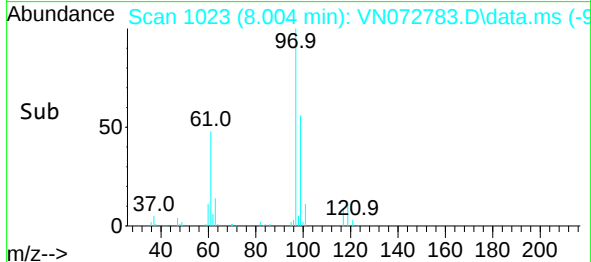
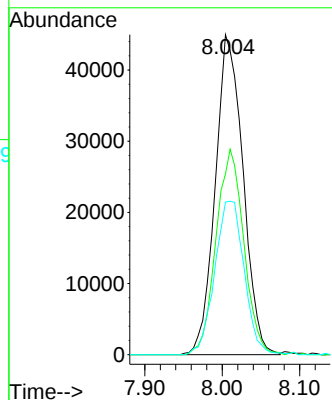
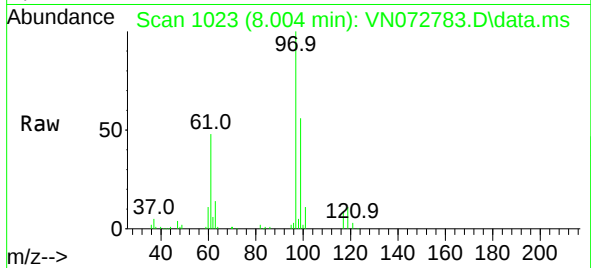




#32  
1,1,1-Trichloroethane  
Concen: 19.990 ug/l  
RT: 8.004 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

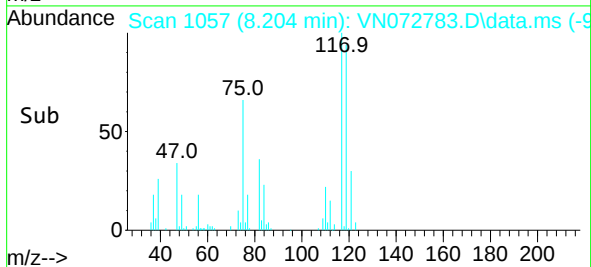
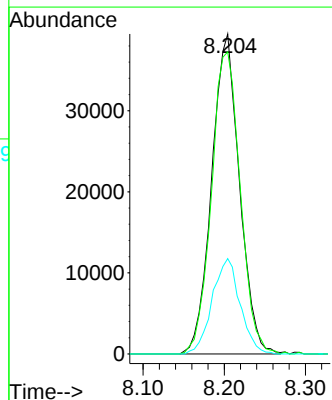
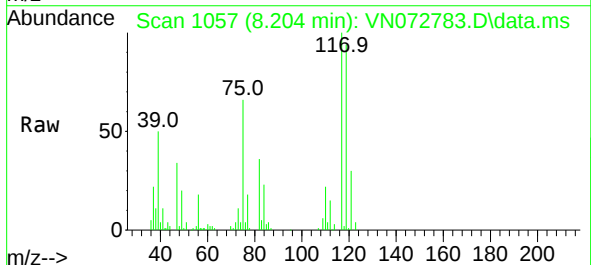
Instrument :  
MSVOA\_N  
ClientSampleId :

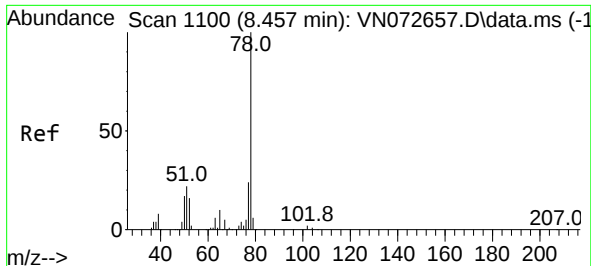
Tgt Ion: 97 Resp: 112148  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.4 75.6  
61 50.9 34.6 51.8



#33  
Carbon Tetrachloride  
Concen: 19.405 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 117 Resp: 93881  
Ion Ratio Lower Upper  
117 100  
119 94.4 77.5 116.3  
121 29.8 23.5 35.3

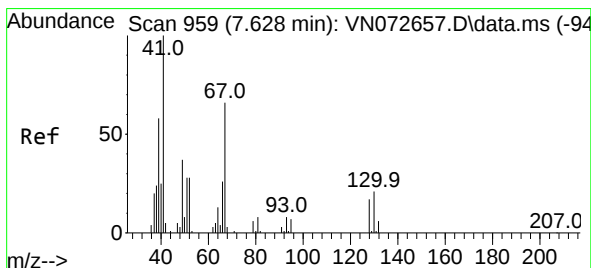
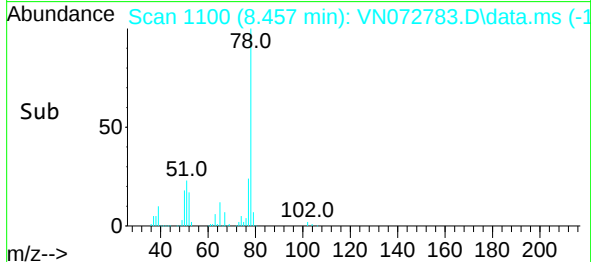
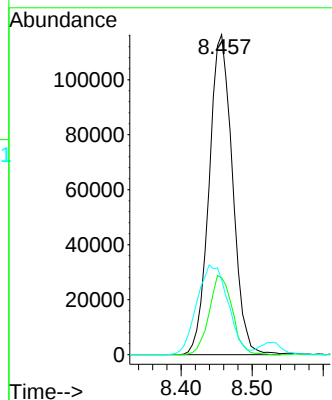
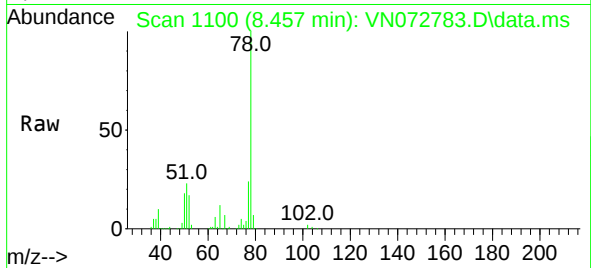




#34  
Benzene  
Concen: 20.970 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

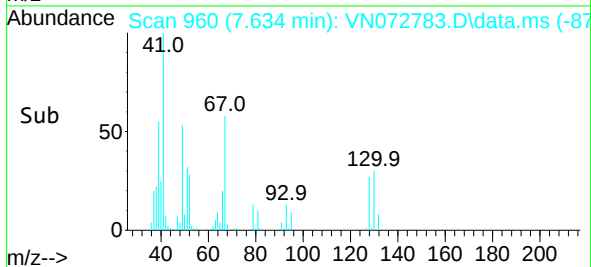
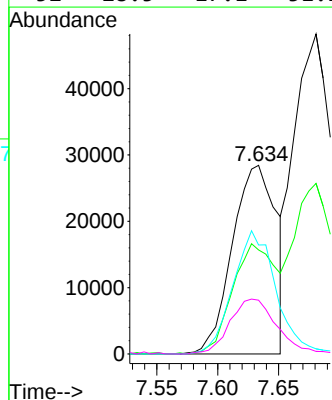
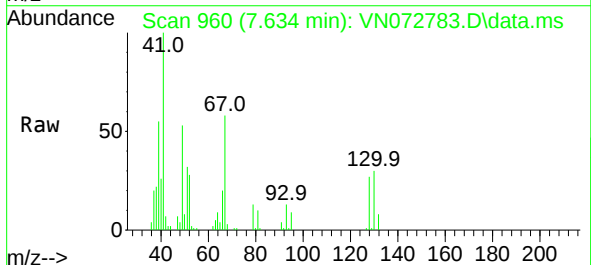
Instrument :  
MSVOA\_N  
ClientSampleId :

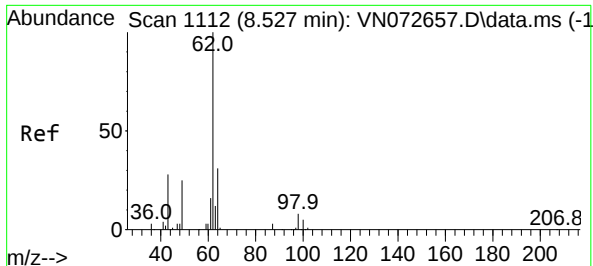
Tgt Ion: 78 Resp: 265994  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.1 28.7  
51 22.2 16.0 24.0



#35  
Methacrylonitrile  
Concen: 23.335 ug/l  
RT: 7.634 min Scan# 960  
Delta R.T. 0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 41 Resp: 70997  
Ion Ratio Lower Upper  
41 100  
39 54.5 28.0 83.9  
67 57.8 37.7 113.1  
52 28.5 17.1 51.2





#36

1,2-Dichloroethane

Concen: 21.003 ug/l

RT: 8.528 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

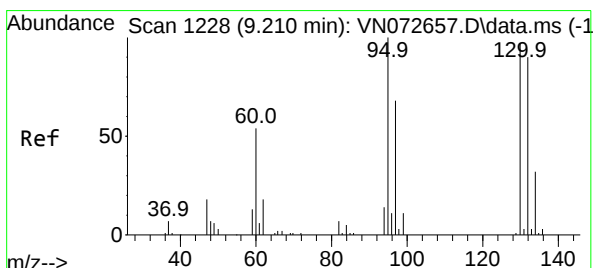
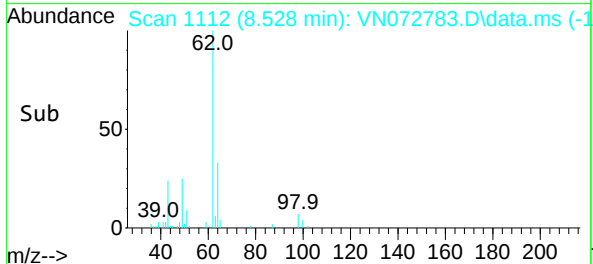
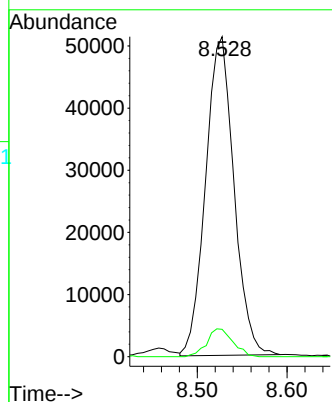
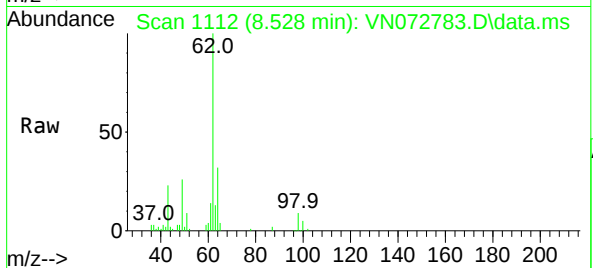
ClientSampleId :

Tgt Ion: 62 Resp: 112554

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0



#37

Trichloroethene

Concen: 20.406 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN072783.D

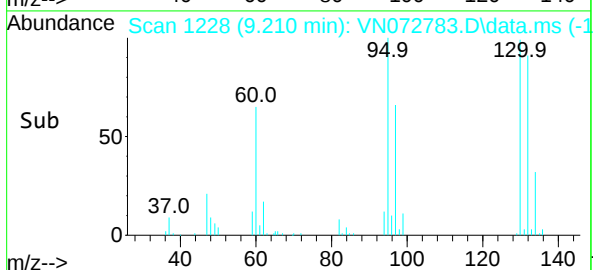
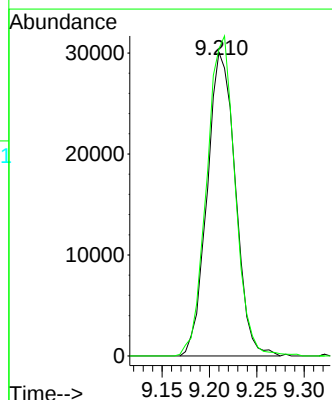
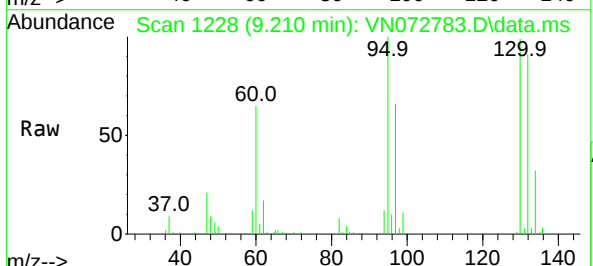
Acq: 11 Jun 2022 12:28

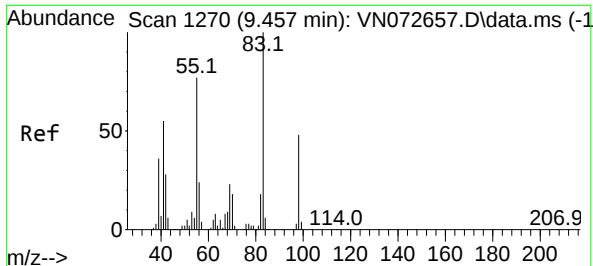
Tgt Ion:130 Resp: 62400

Ion Ratio Lower Upper

130 100

95 100.6 76.6 115.0





#38

Methylcyclohexane

Concen: 20.363 ug/l

RT: 9.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :

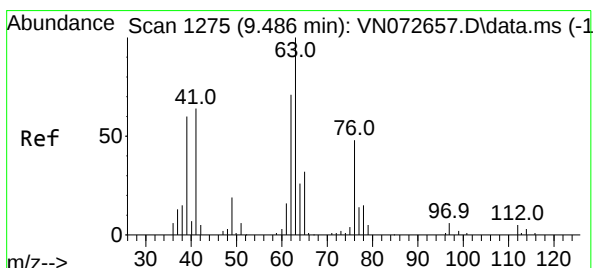
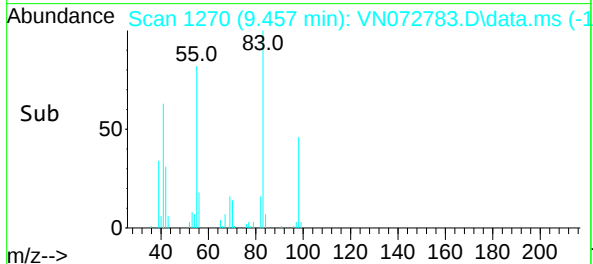
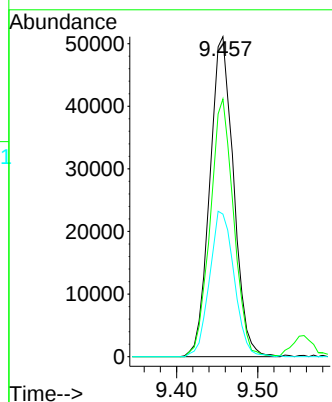
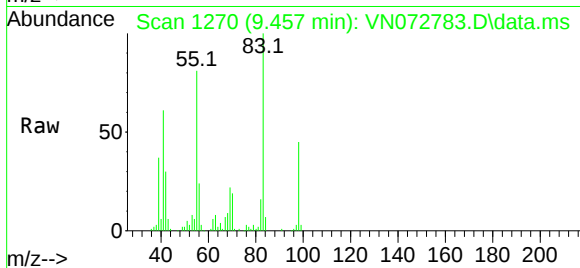
Tgt Ion: 83 Resp: 104230

Ion Ratio Lower Upper

83 100

55 79.5 35.1 105.3

98 46.7 23.4 70.2



#39

1,2-Dichloropropane

Concen: 21.433 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072783.D

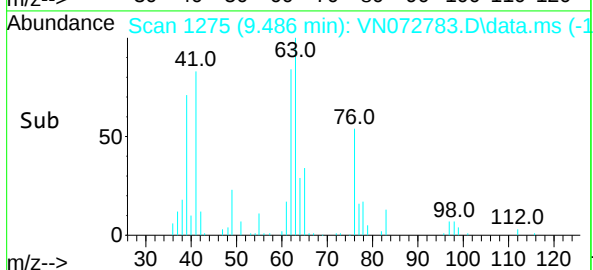
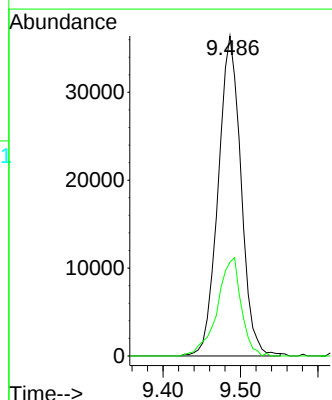
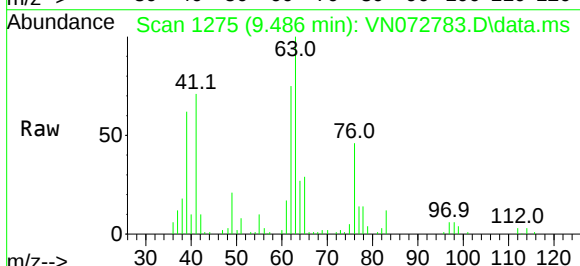
Acq: 11 Jun 2022 12:28

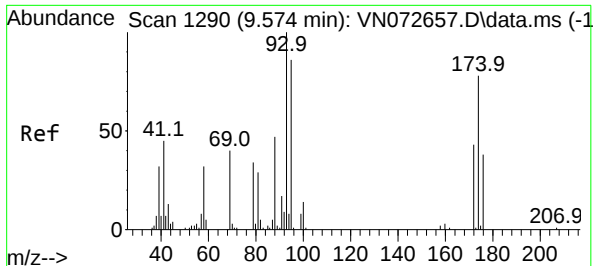
Tgt Ion: 63 Resp: 74689

Ion Ratio Lower Upper

63 100

65 29.3 24.2 36.4





#40

Dibromomethane

Concen: 21.385 ug/l

RT: 9.575 min Scan# 11

Delta R.T. 0.000 min

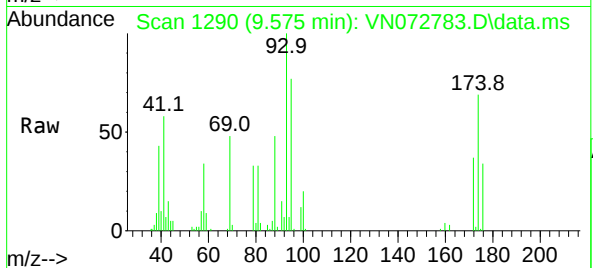
Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

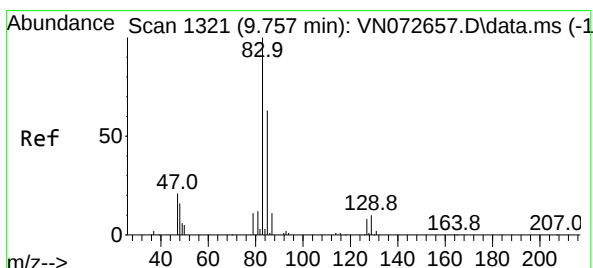
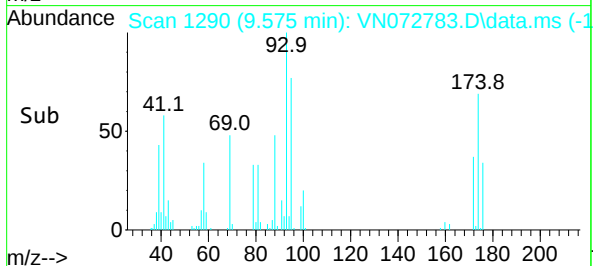
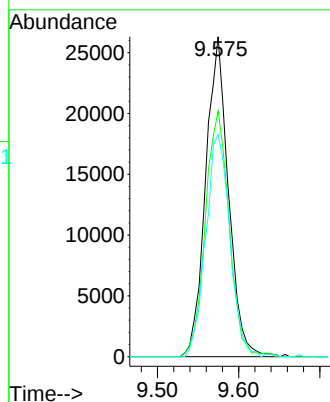
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 51158 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 79.8  | 0.0   | 168.8 |
| 174       | 73.4  | 0.0   | 173.6 |



#41

Bromodichloromethane

Concen: 20.944 ug/l

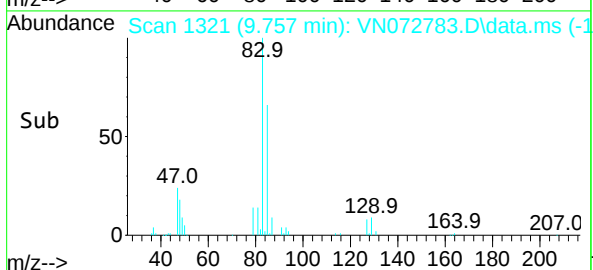
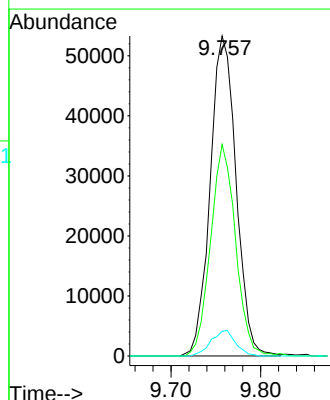
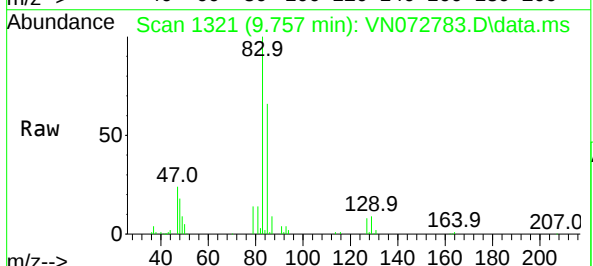
RT: 9.757 min Scan# 1321

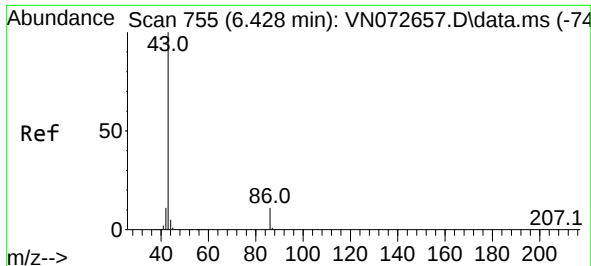
Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 107175 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.1  | 54.1  | 81.1   |
| 127       | 7.7   | 7.6   | 11.4   |

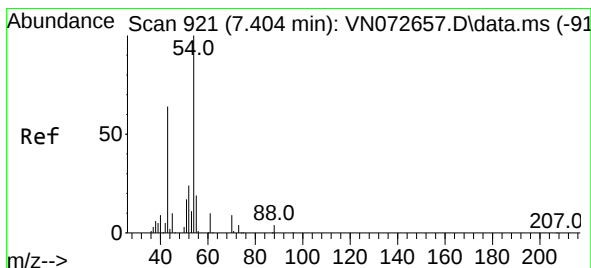
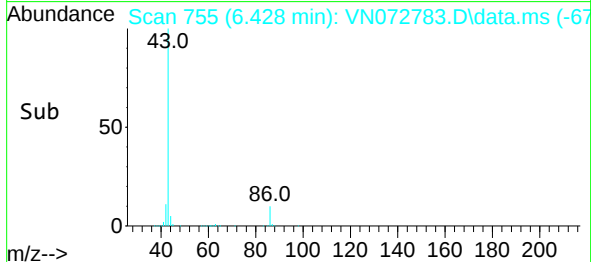
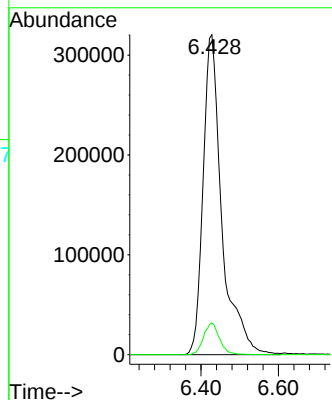
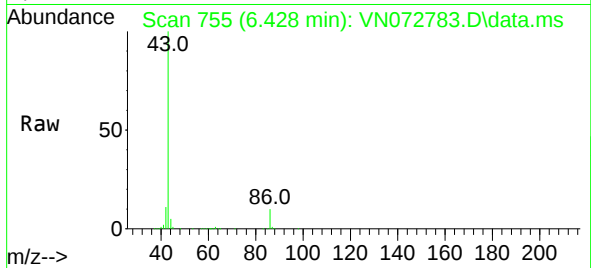




#42  
 Vinyl Acetate  
 Concen: 106.438 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

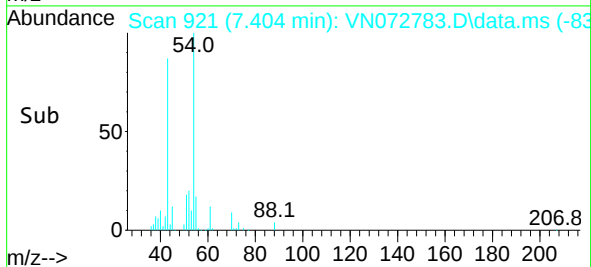
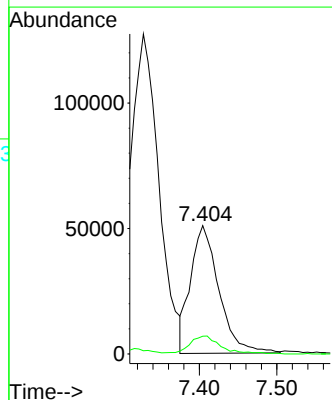
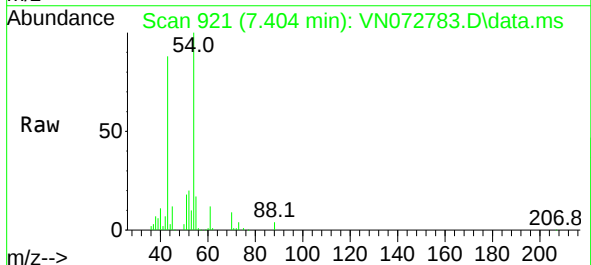
Instrument :  
 MSVOA\_N  
 ClientSampleId :

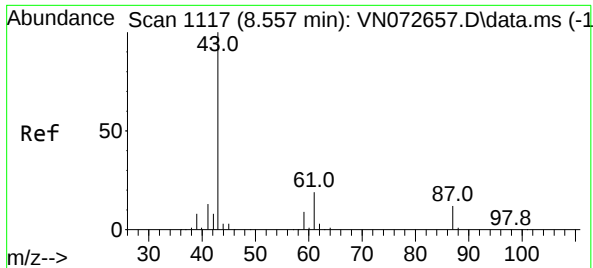
Tgt Ion: 43 Resp: 1075220  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 7.5 11.3



#43  
 Ethyl Acetate  
 Concen: 21.712 ug/l  
 RT: 7.404 min Scan# 921  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

Tgt Ion: 43 Resp: 129078  
 Ion Ratio Lower Upper  
 43 100  
 45 14.8 10.6 16.0

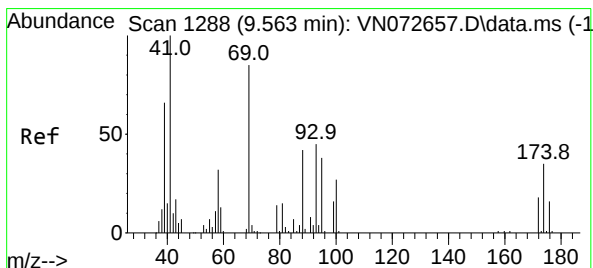
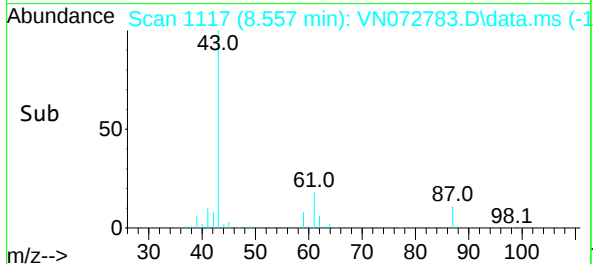
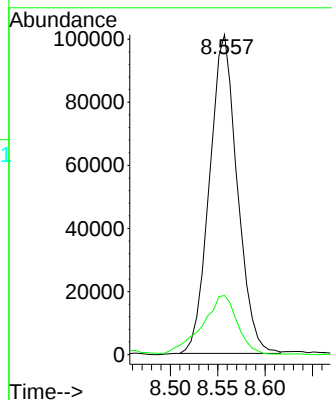
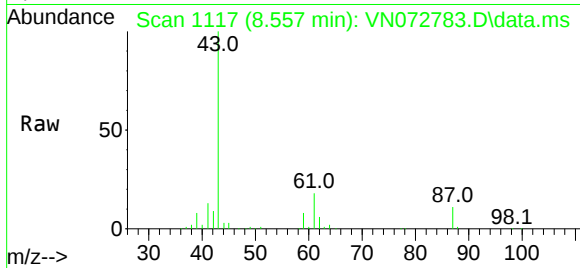




#44  
Isopropyl Acetate  
Concen: 20.908 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

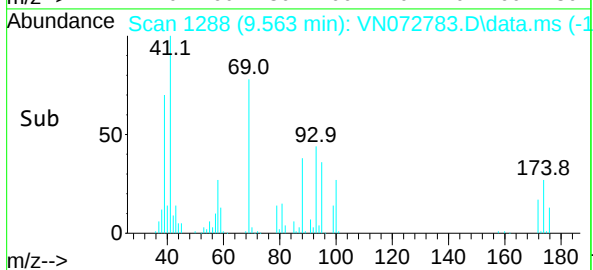
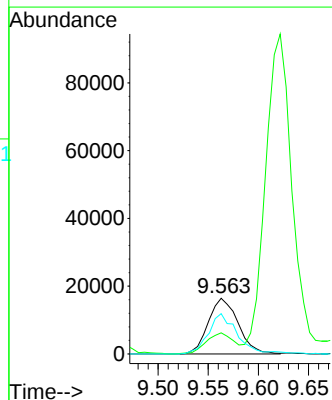
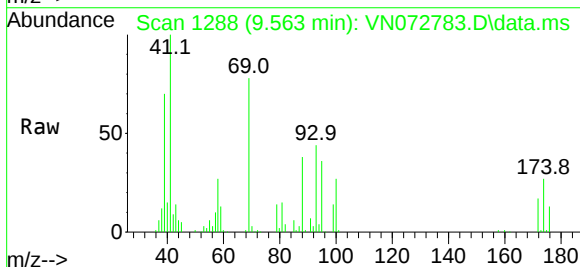
Instrument :  
MSVOA\_N  
ClientSampleId :

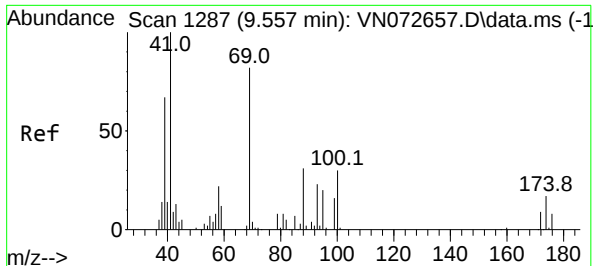
Tgt Ion: 43 Resp: 206180  
Ion Ratio Lower Upper  
43 100  
61 23.3 20.1 30.1



#45  
1,4-Dioxane  
Concen: 419.817 ug/l  
RT: 9.563 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

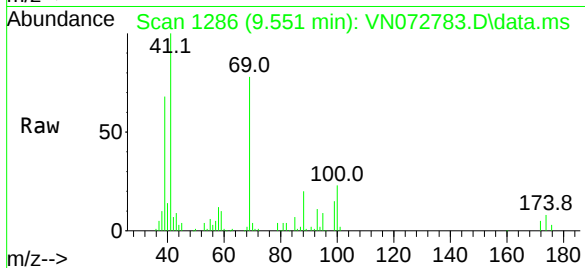
Tgt Ion: 88 Resp: 34022  
Ion Ratio Lower Upper  
88 100  
43 34.5 25.0 37.6  
58 68.2 49.4 74.2



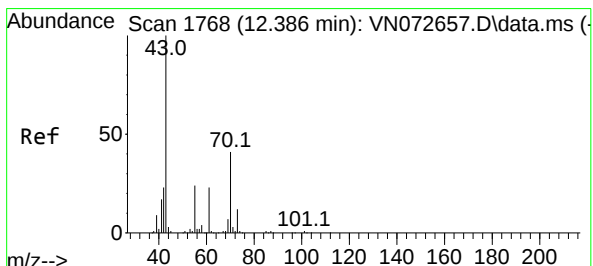
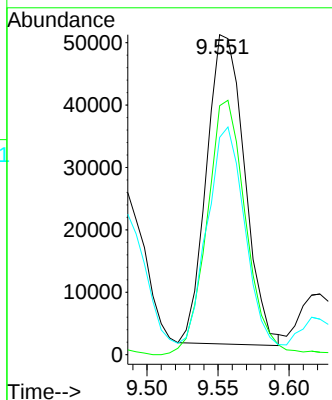
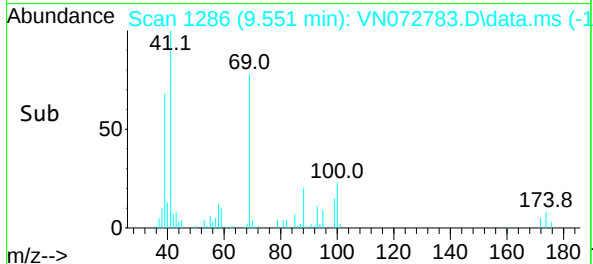


#46  
Methyl methacrylate  
Concen: 20.933 ug/l  
RT: 9.551 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

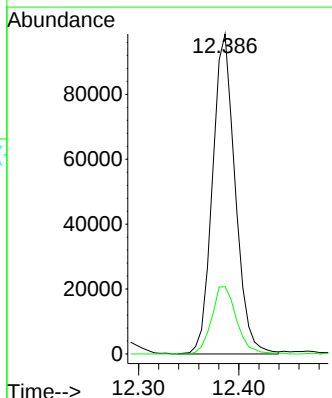
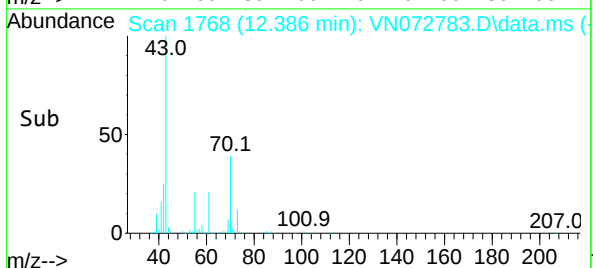
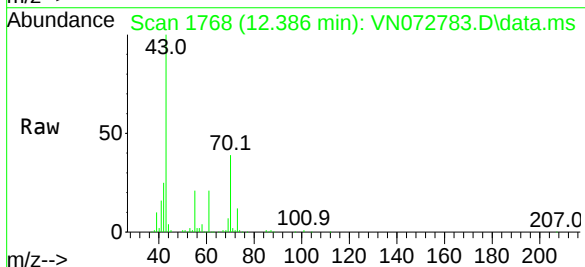


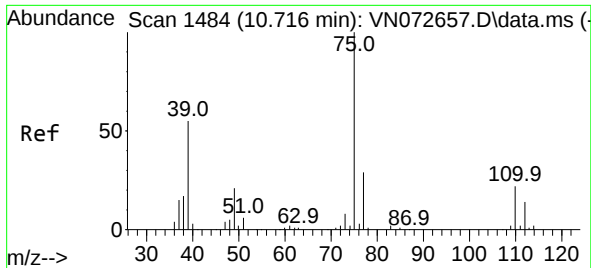
Tgt Ion: 41 Resp: 92304  
Ion Ratio Lower Upper  
41 100  
69 78.7 44.4 133.2  
39 67.3 39.9 119.6



#47  
n-amy1 Acetate  
Concen: 20.492 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 43 Resp: 154719  
Ion Ratio Lower Upper  
43 100  
55 23.0 19.0 28.6

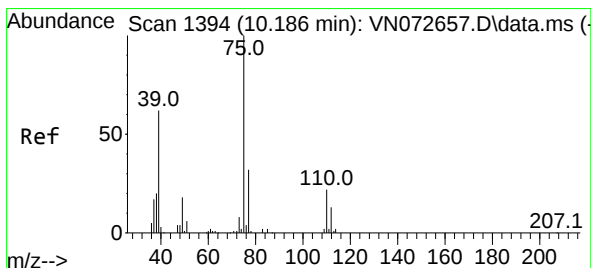
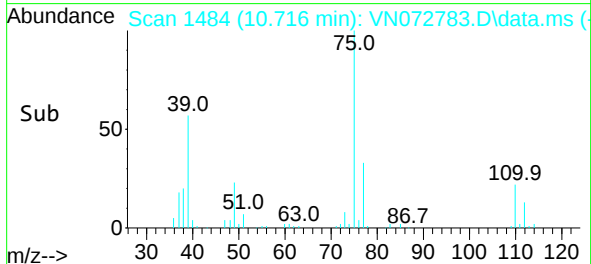
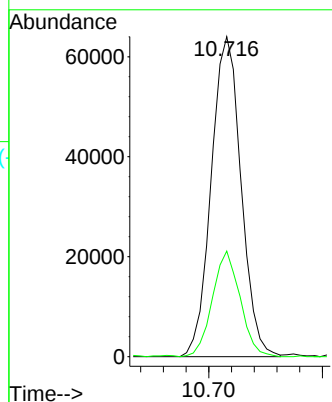
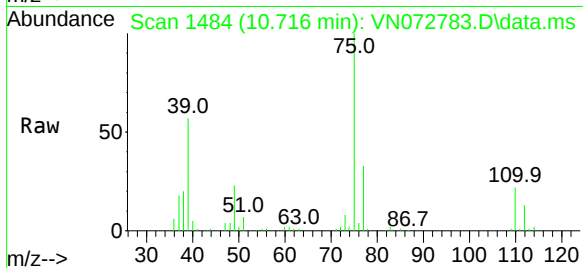




#48  
 t-1,3-Dichloropropene  
 Concen: 20.004 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

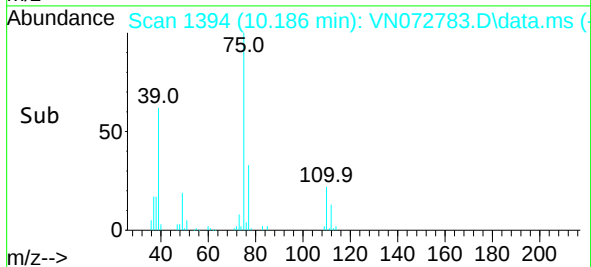
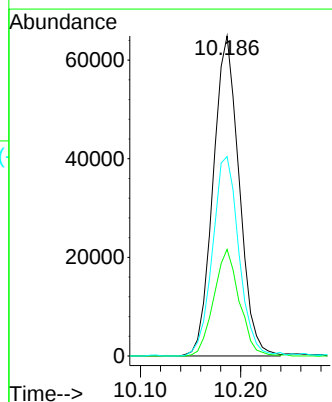
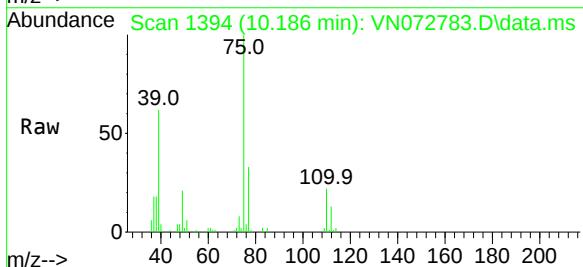
Instrument :  
 MSVOA\_N  
 ClientSampleId :

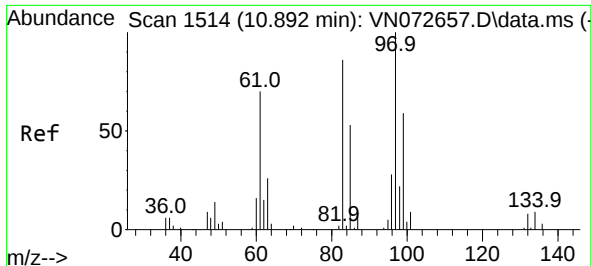
Tgt Ion: 75 Resp: 116840  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.3 37.9



#49  
 cis-1,3-Dichloropropene  
 Concen: 19.741 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

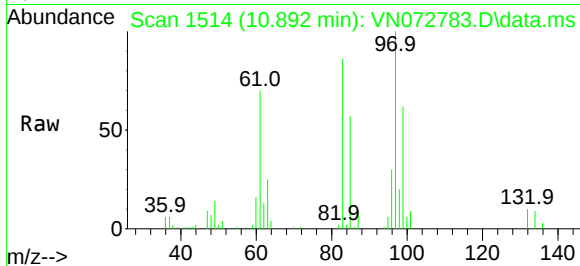
Tgt Ion: 75 Resp: 117083  
 Ion Ratio Lower Upper  
 75 100  
 77 33.3 25.3 37.9  
 39 62.3 46.2 69.4



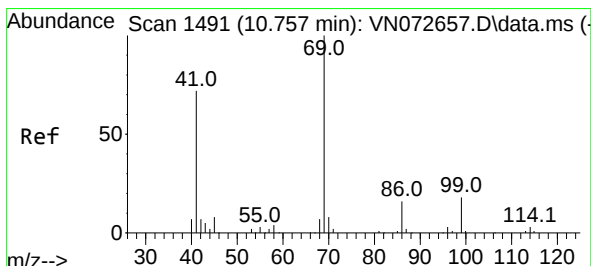
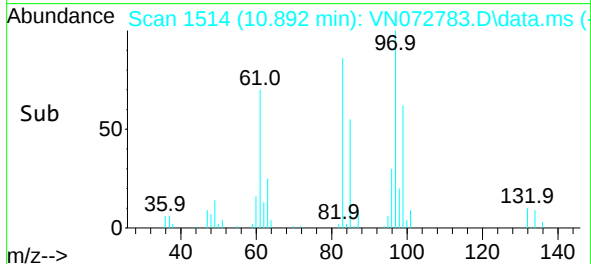
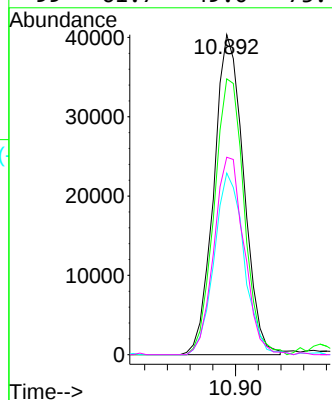


#50  
1,1,2-Trichloroethane  
Concen: 21.731 ug/l  
RT: 10.892 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

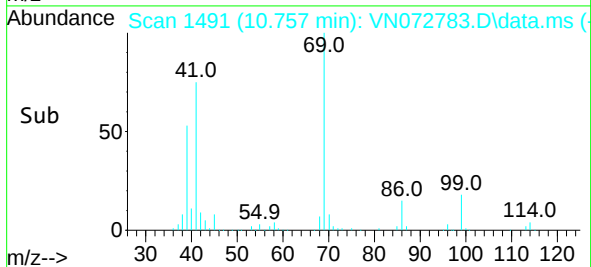
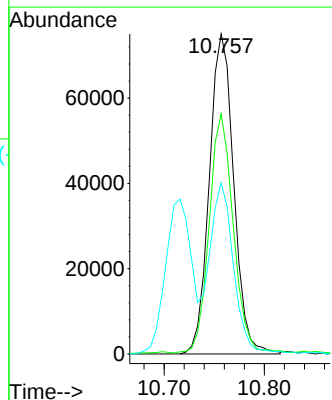
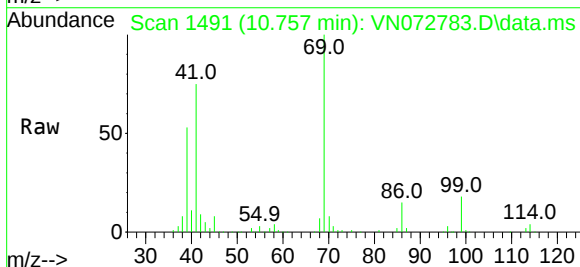


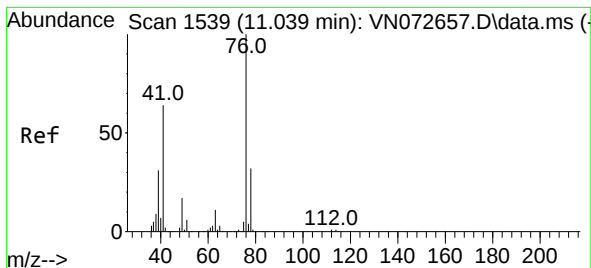
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 73498 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 67.2  | 100.8 |
| 85       | 56.7  | 43.0  | 64.4  |
| 99       | 61.7  | 49.0  | 73.4  |



#51  
Ethyl methacrylate  
Concen: 20.737 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 127042 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.4  | 33.0  | 98.9   |
| 39       | 52.7  | 25.4  | 76.4   |





#52

1,3-Dichloropropane

Concen: 21.721 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

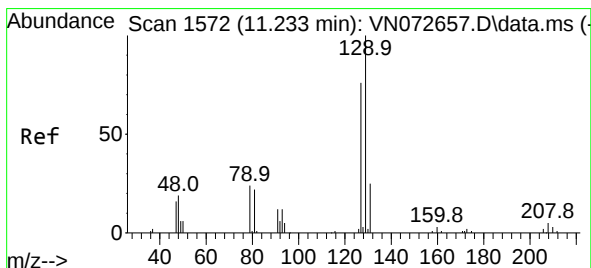
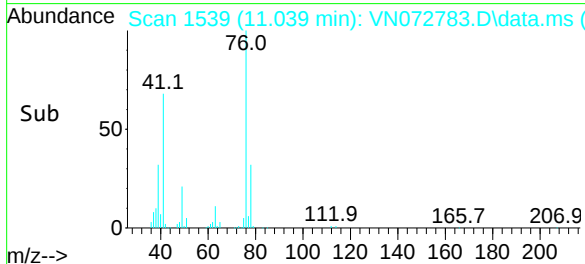
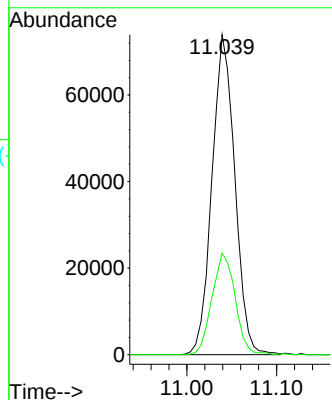
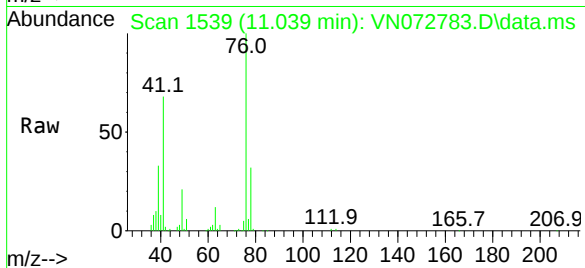
ClientSampleId :

Tgt Ion: 76 Resp: 130738

Ion Ratio Lower Upper

76 100

78 31.9 0.0 65.4



#53

Dibromochloromethane

Concen: 20.159 ug/l

RT: 11.233 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN072783.D

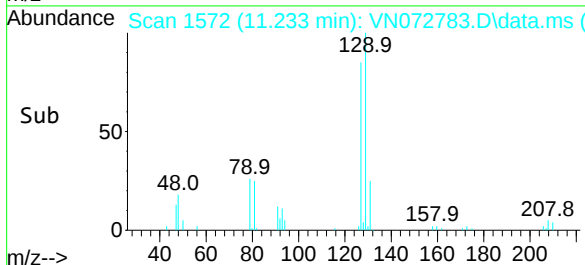
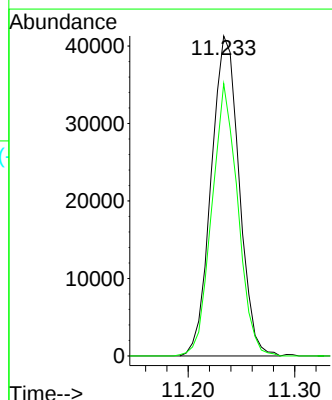
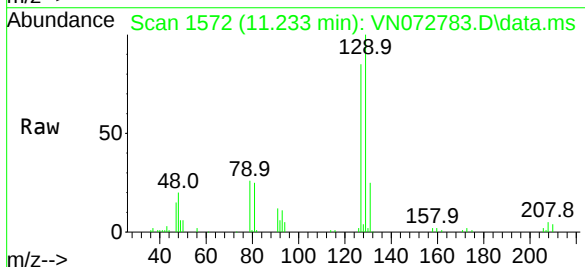
Acq: 11 Jun 2022 12:28

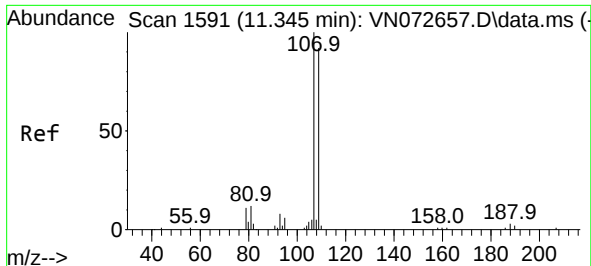
Tgt Ion: 129 Resp: 75224

Ion Ratio Lower Upper

129 100

127 79.0 39.0 117.0

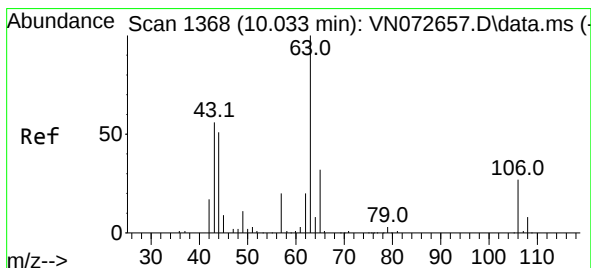
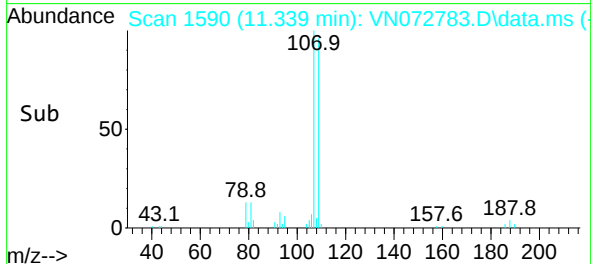
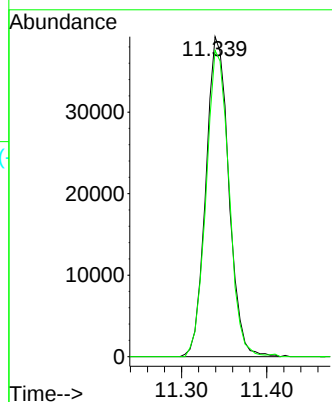
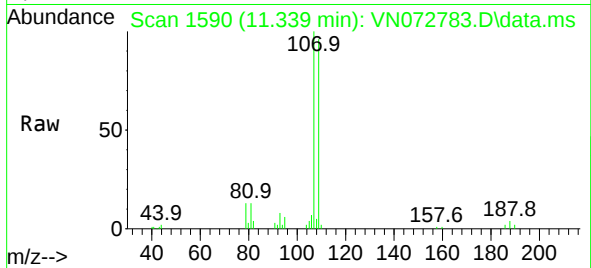




#54  
1,2-Dibromoethane  
Concen: 20.678 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

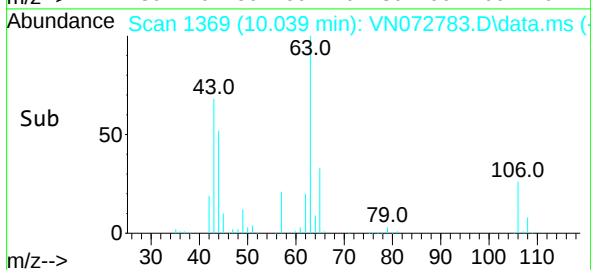
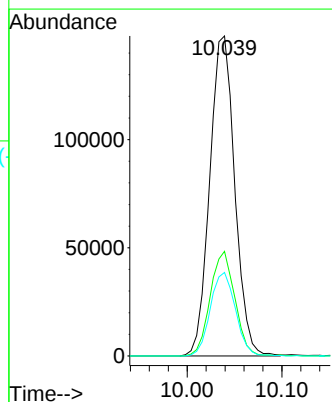
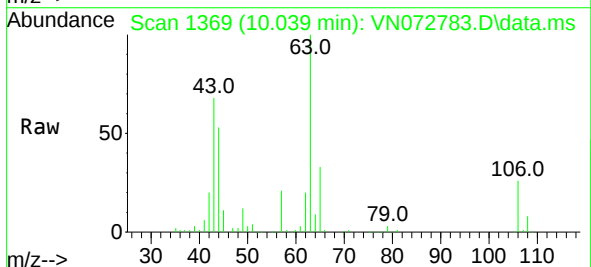
Instrument :  
MSVOA\_N  
ClientSampleId :

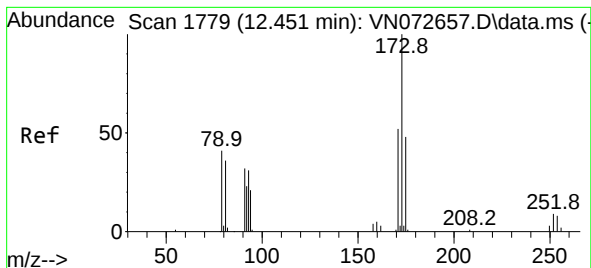
Tgt Ion:107 Resp: 73536  
Ion Ratio Lower Upper  
107 100  
109 95.3 72.8 109.2



#55  
2-Chloroethyl vinyl ether  
Concen: 113.075 ug/l  
RT: 10.039 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 63 Resp: 271314  
Ion Ratio Lower Upper  
63 100  
65 32.2 25.4 38.0  
106 26.2 23.2 34.8





#56

Bromoform

Concen: 18.283 ug/l

RT: 12.457 min Scan# 1779

Delta R.T. 0.006 min

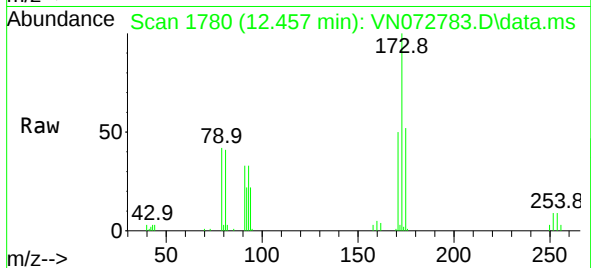
Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :



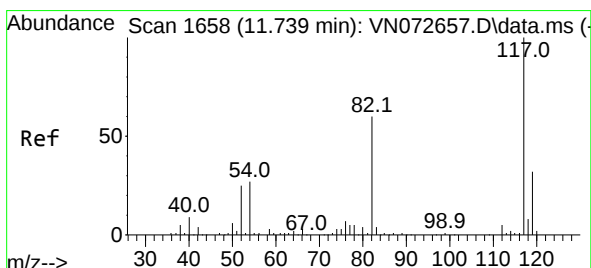
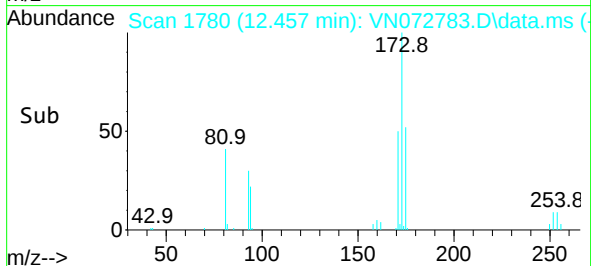
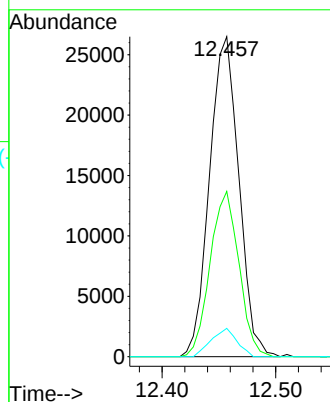
Tgt Ion:173 Resp: 47538

Ion Ratio Lower Upper

173 100

175 50.7 38.6 58.0

254 7.7 0.0 0.0#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

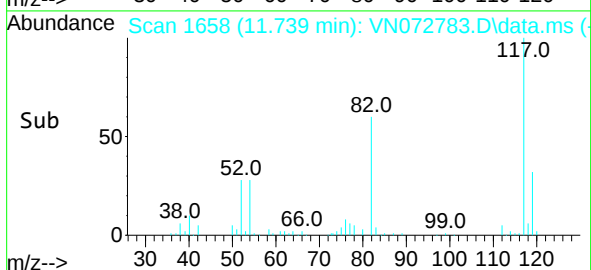
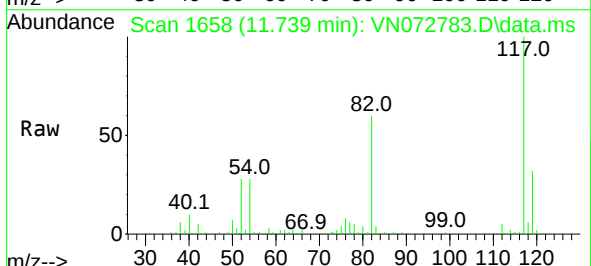
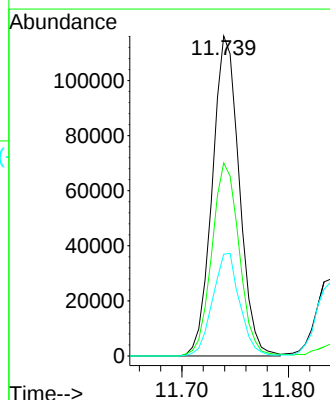
Tgt Ion:117 Resp: 204034

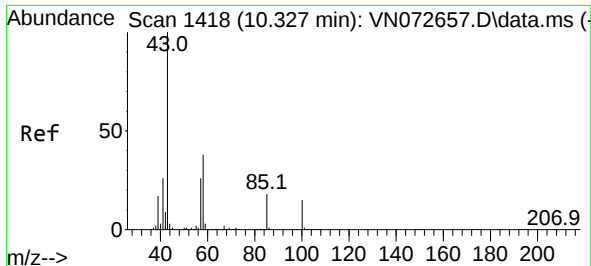
Ion Ratio Lower Upper

117 100

82 61.3 43.6 65.4

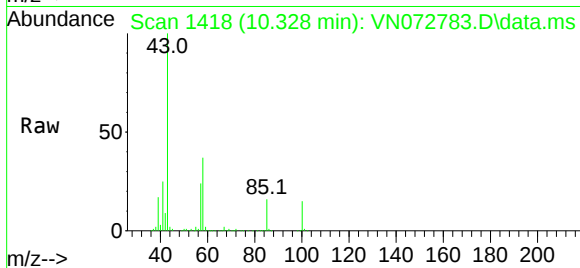
119 32.1 25.8 38.6



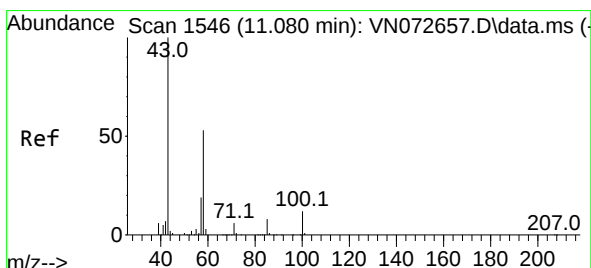
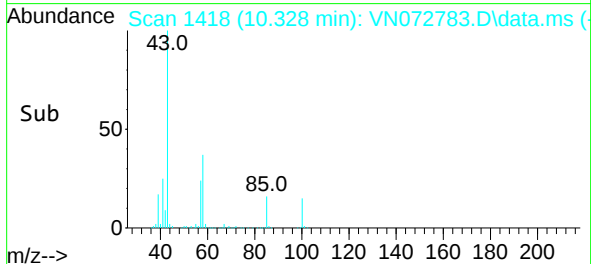
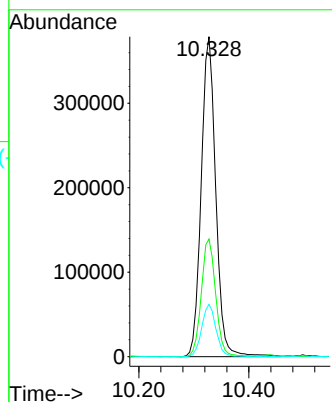


#58  
4-Methyl-2-Pentanone  
Concen: 113.777 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :

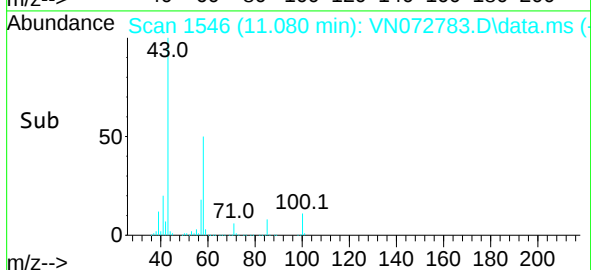
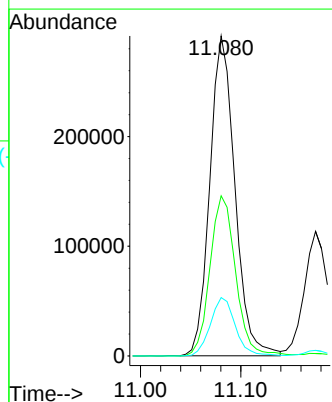
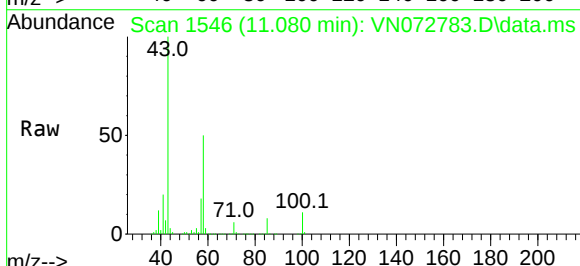


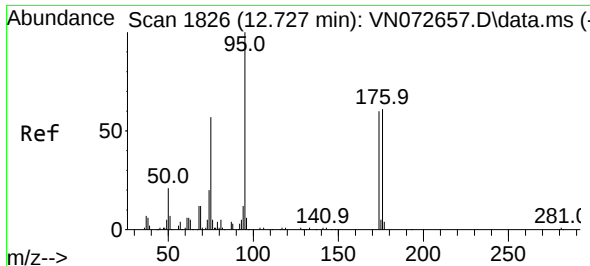
Tgt Ion: 43 Resp: 696282  
Ion Ratio Lower Upper  
43 100  
58 36.4 30.0 45.0  
85 16.2 15.0 22.6



#59  
2-Hexanone  
Concen: 109.397 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 43 Resp: 507560  
Ion Ratio Lower Upper  
43 100  
58 51.3 42.2 63.2  
57 18.3 15.0 22.4

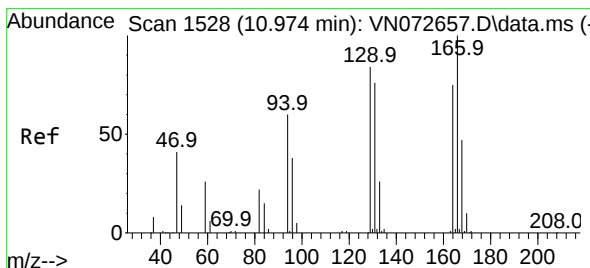
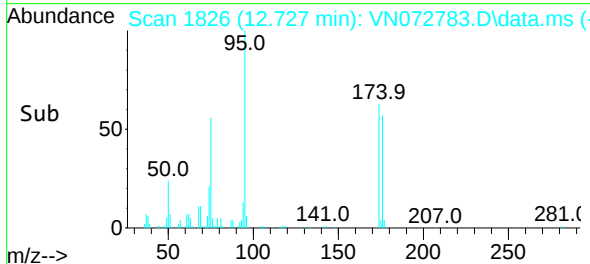
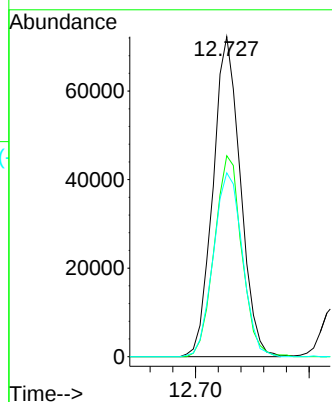
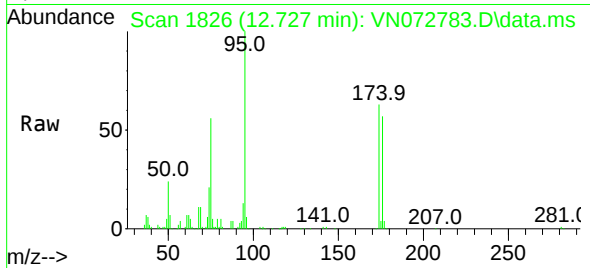




#60  
4-Bromofluorobenzene  
Concen: 28.854 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

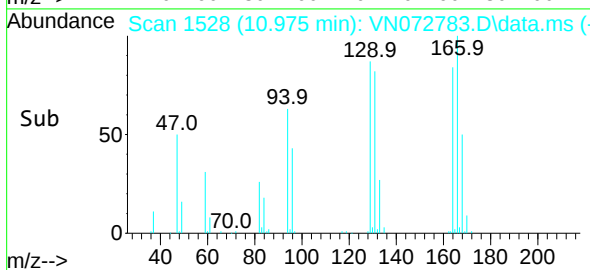
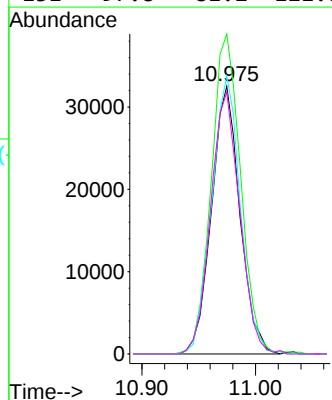
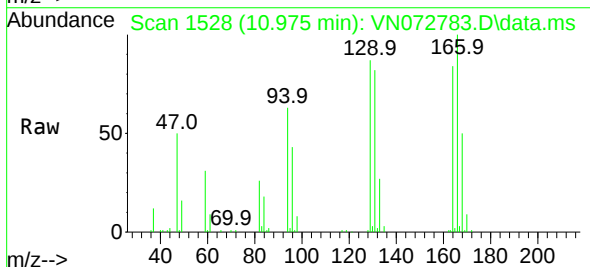
Instrument :  
MSVOA\_N  
ClientSampleId :

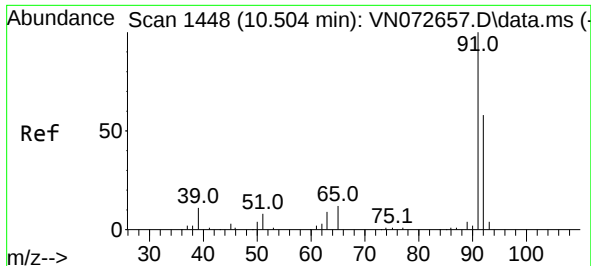
Tgt Ion: 95 Resp: 121087  
Ion Ratio Lower Upper  
95 100  
174 62.7 62.9 94.3#  
176 60.8 61.0 91.4#



#61  
Tetrachloroethene  
Concen: 22.345 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion:164 Resp: 56422  
Ion Ratio Lower Upper  
164 100  
166 119.0 105.8 158.8  
129 103.9 82.5 123.7  
131 97.8 81.2 121.8

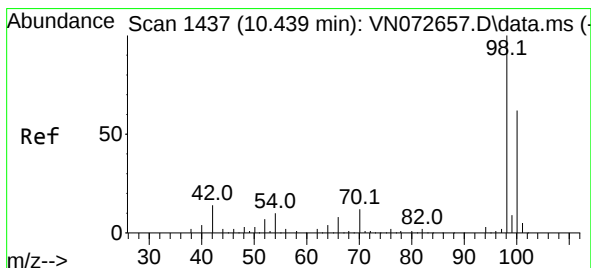
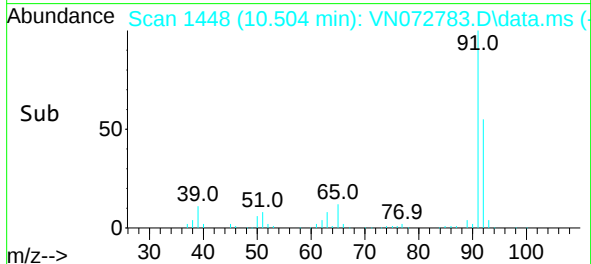
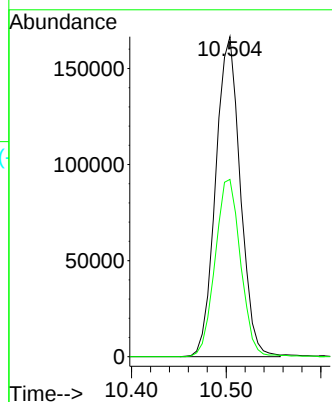
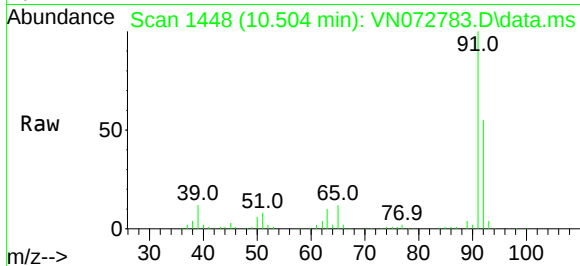




#62  
Toluene  
Concen: 21.801 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

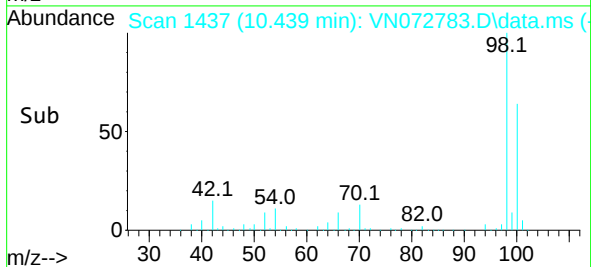
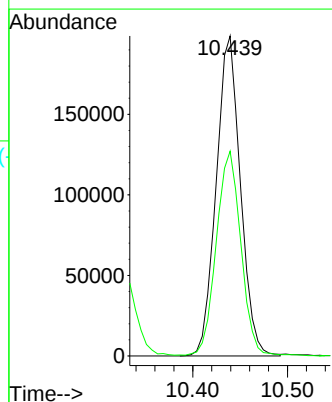
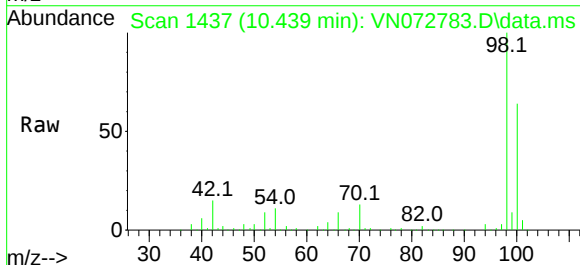
Instrument :  
MSVOA\_N  
ClientSampleId :

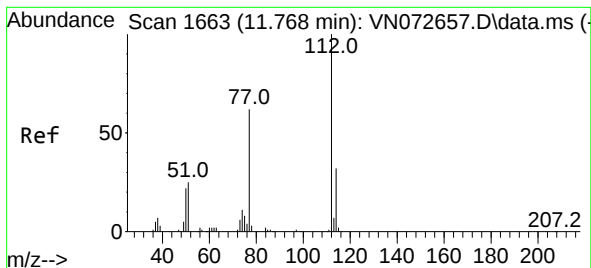
Tgt Ion: 91 Resp: 301611  
Ion Ratio Lower Upper  
91 100  
92 57.3 44.6 67.0



#63  
Toluene-d8  
Concen: 31.220 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 98 Resp: 352863  
Ion Ratio Lower Upper  
98 100  
100 64.2 50.6 76.0





#64

Chlorobenzene

Concen: 21.456 ug/l

RT: 11.769 min Scan# 1663

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

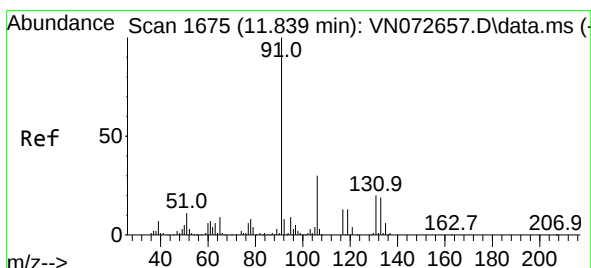
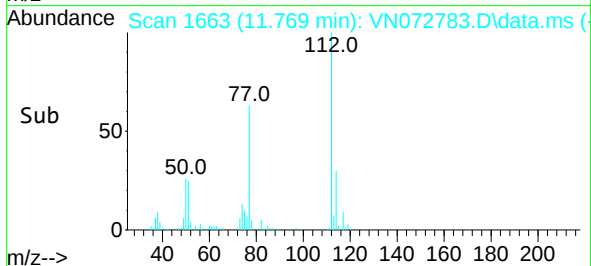
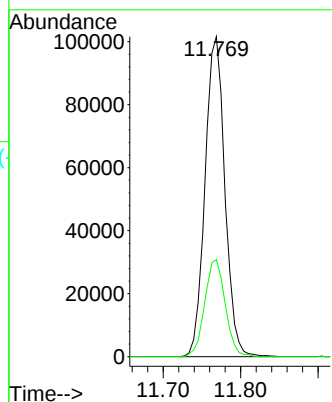
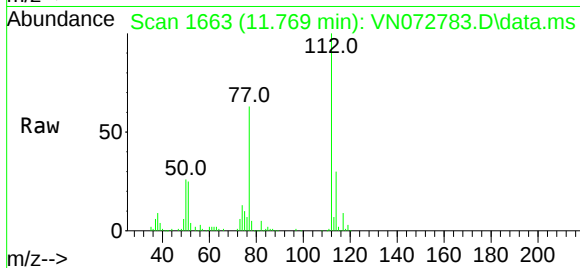
ClientSampleId :

Tgt Ion:112 Resp: 180726

Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.800 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

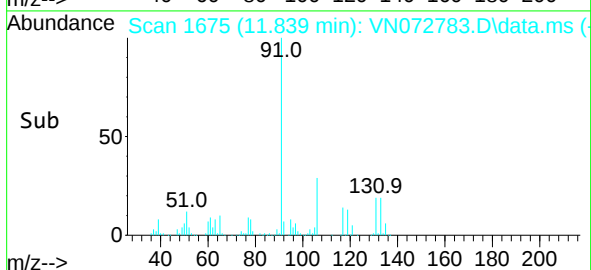
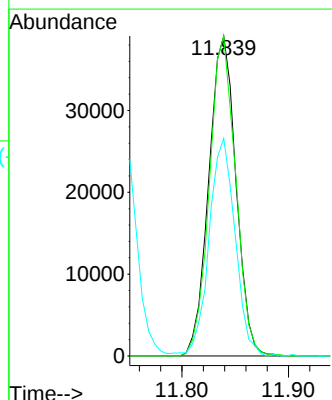
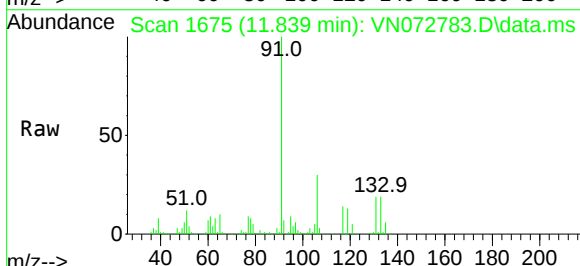
Tgt Ion:131 Resp: 69072

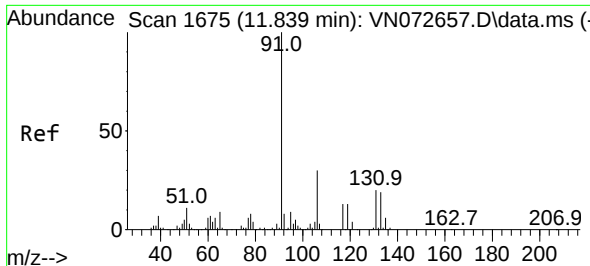
Ion Ratio Lower Upper

131 100

133 96.5 0.0 191.2

119 65.0 0.0 128.8

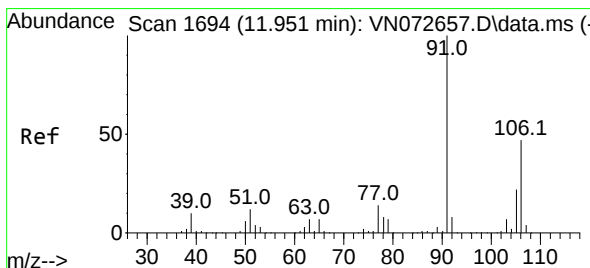
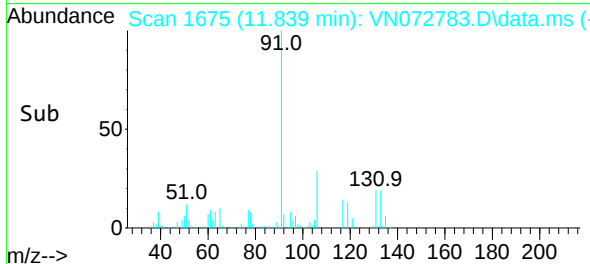
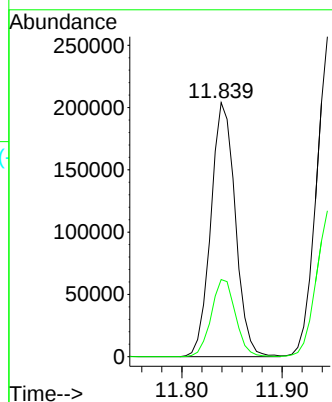
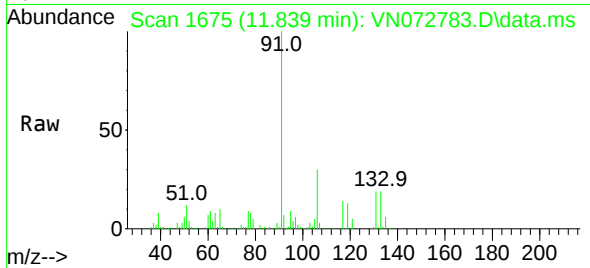




#66  
Ethyl Benzene  
Concen: 21.761 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

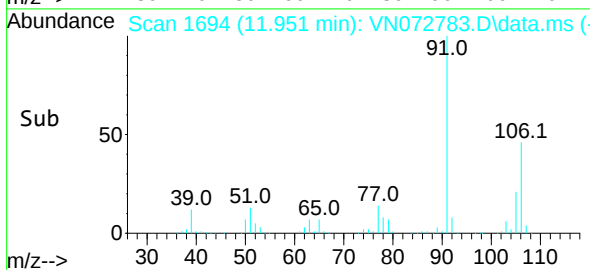
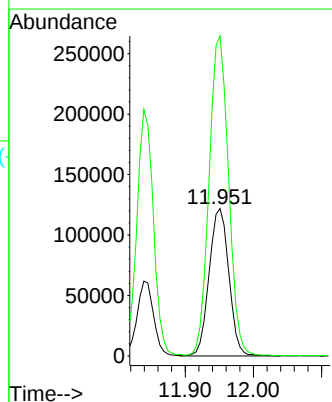
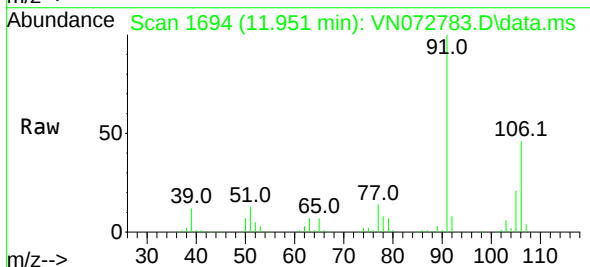
Instrument :  
MSVOA\_N  
ClientSampleId :

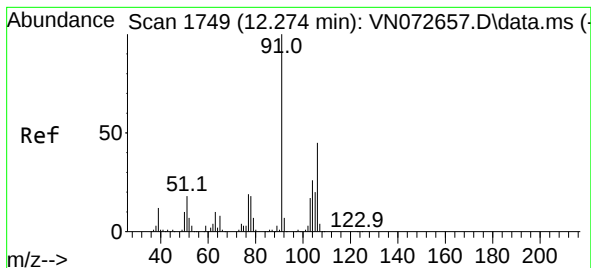
Tgt Ion: 91 Resp: 345644  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.0 36.0



#67  
m/p-Xylenes  
Concen: 42.437 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion:106 Resp: 245854  
Ion Ratio Lower Upper  
106 100  
91 214.4 162.9 244.3





#68

o-Xylene

Concen: 21.228 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

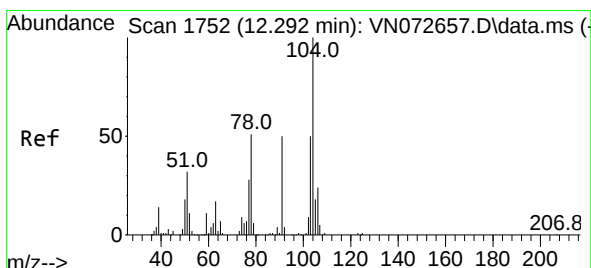
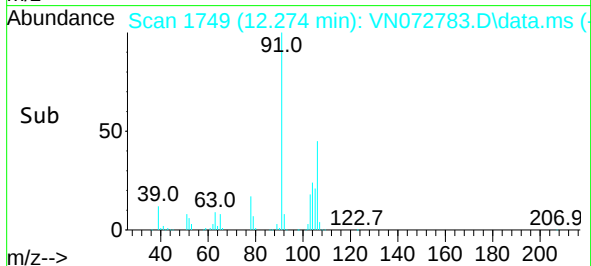
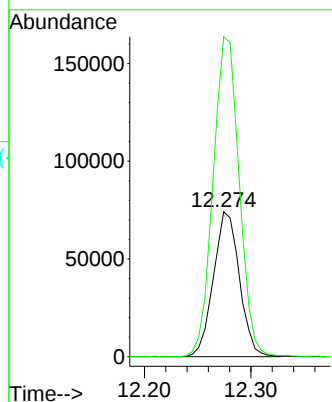
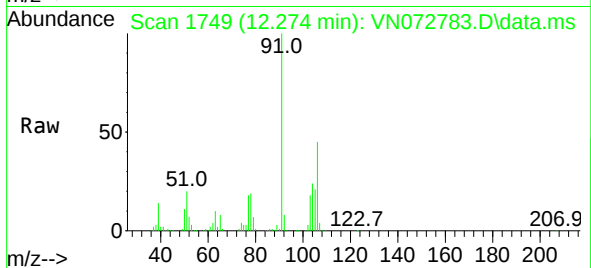
ClientSampleId :

Tgt Ion:106 Resp: 125463

Ion Ratio Lower Upper

106 100

91 222.2 107.7 323.1



#69

Styrene

Concen: 20.409 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

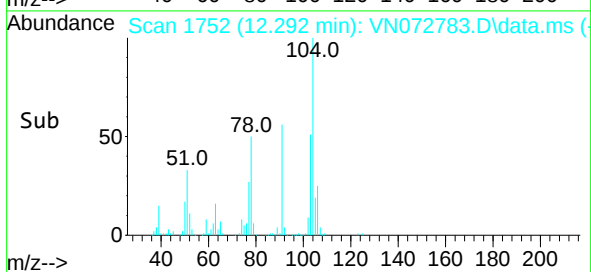
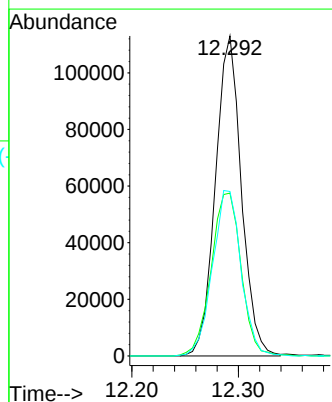
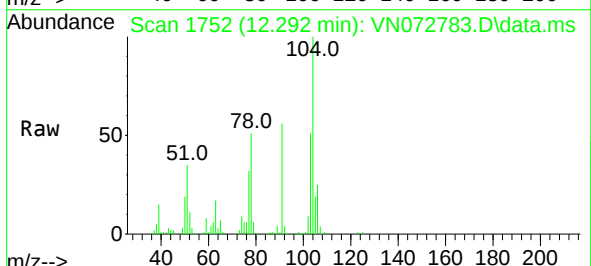
Tgt Ion:104 Resp: 191472

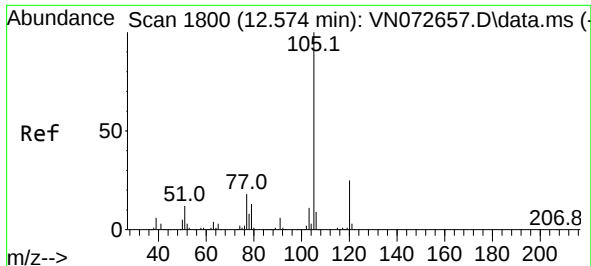
Ion Ratio Lower Upper

104 100

78 58.6 40.7 61.1

103 56.8 45.8 68.8

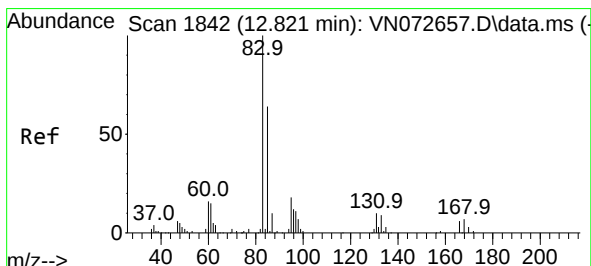
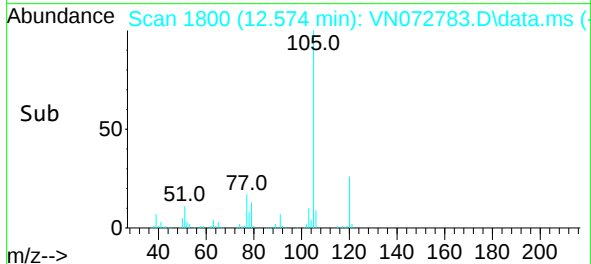
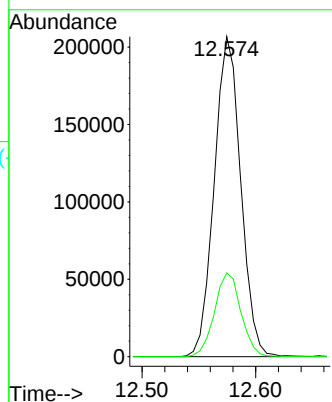
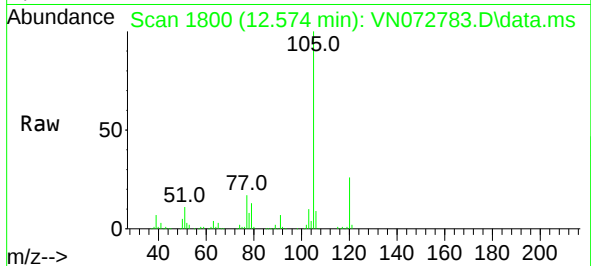




#70  
Isopropylbenzene  
Concen: 21.669 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

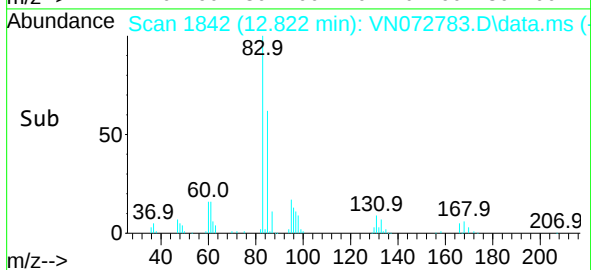
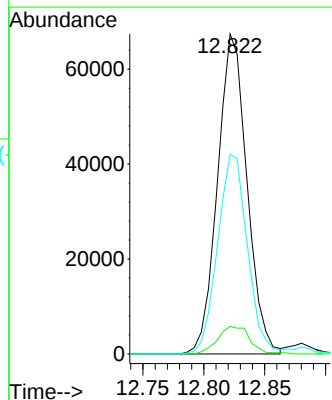
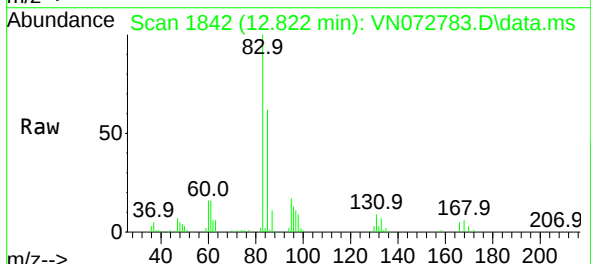
Instrument :  
MSVOA\_N  
ClientSampleId :

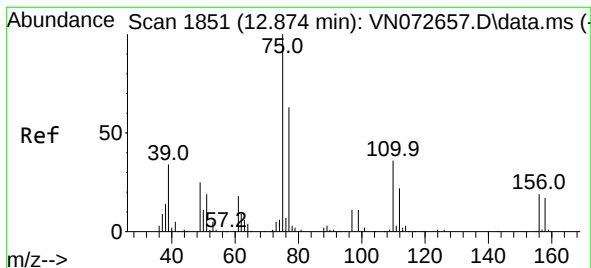
Tgt Ion:105 Resp: 334644  
Ion Ratio Lower Upper  
105 100  
120 26.1 18.3 34.1



#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.661 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 83 Resp: 113234  
Ion Ratio Lower Upper  
83 100  
131 9.3 5.1 15.3  
85 63.2 33.1 99.2





#72

1,2,3-Trichloropropane

Concen: 32.250 ug/l

RT: 12.874 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

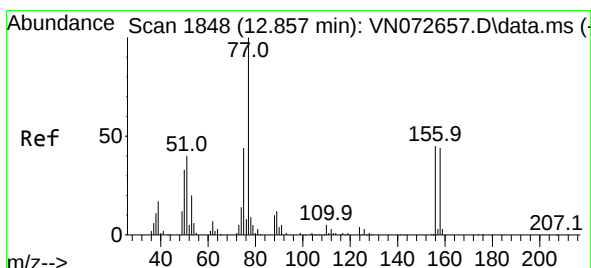
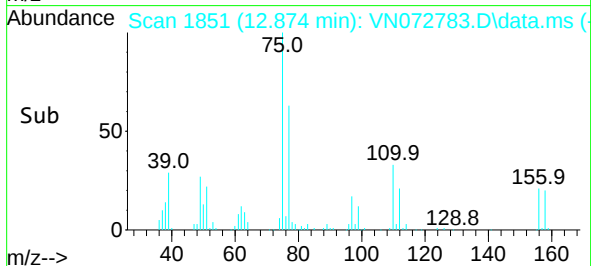
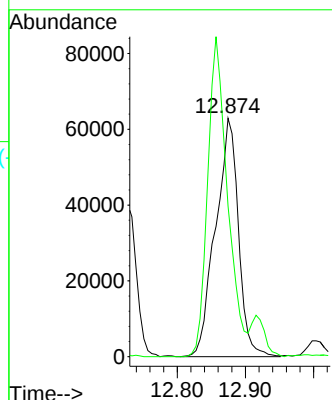
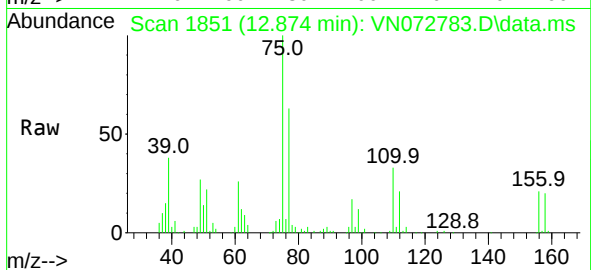
ClientSampleId :

Tgt Ion: 75 Resp: 147129

Ion Ratio Lower Upper

75 100

77 116.4 0.0 378.0



#73

Bromobenzene

Concen: 20.822 ug/l

RT: 12.857 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

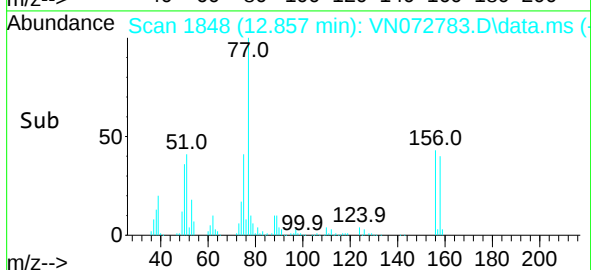
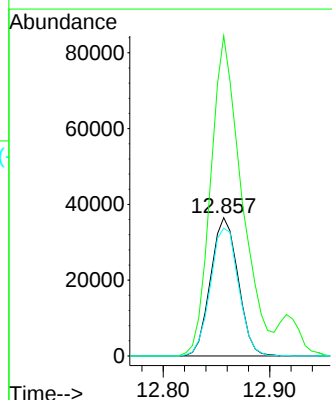
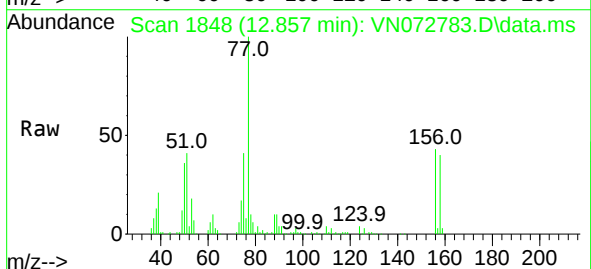
Tgt Ion: 156 Resp: 65370

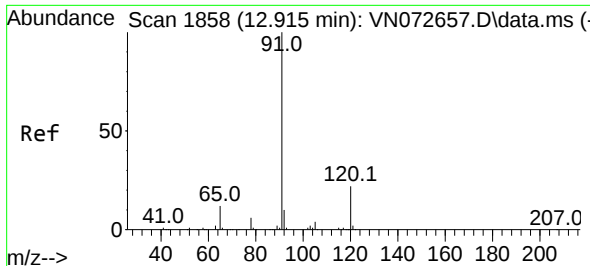
Ion Ratio Lower Upper

156 100

77 262.0 0.0 416.0

158 95.1 0.0 195.4

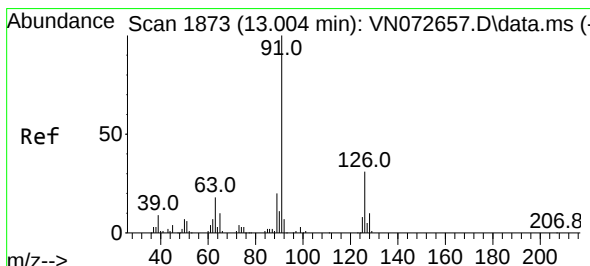
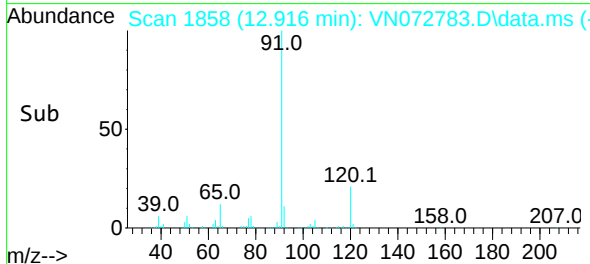
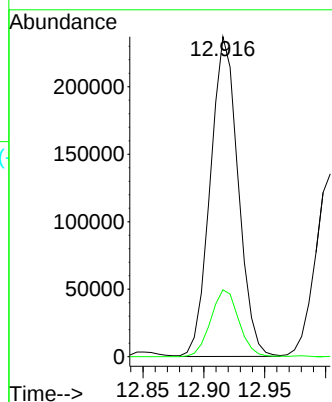
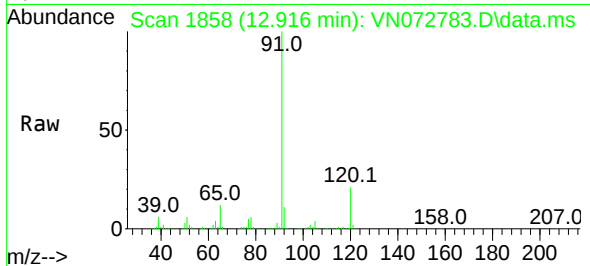




#74  
n-propylbenzene  
Concen: 21.345 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

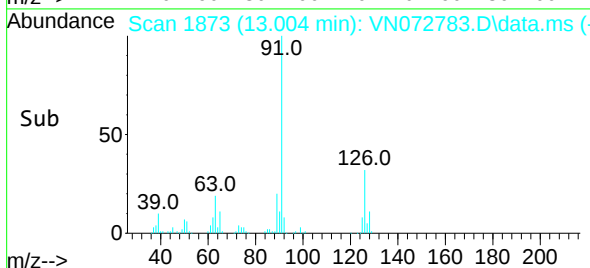
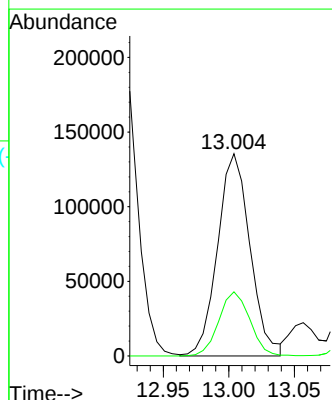
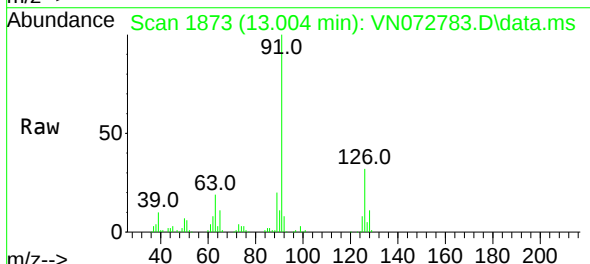
Instrument :  
MSVOA\_N  
ClientSampleId :

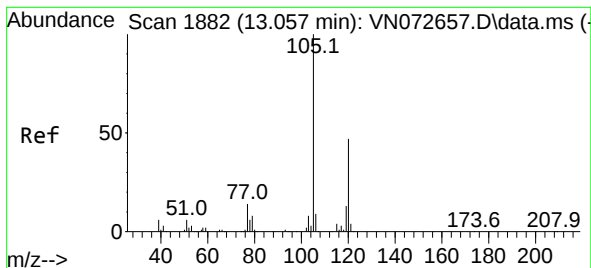
Tgt Ion: 91 Resp: 377201  
Ion Ratio Lower Upper  
91 100  
120 21.0 0.0 45.0



#75  
2-Chlorotoluene  
Concen: 21.339 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 91 Resp: 233746  
Ion Ratio Lower Upper  
91 100  
126 30.2 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 21.644 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

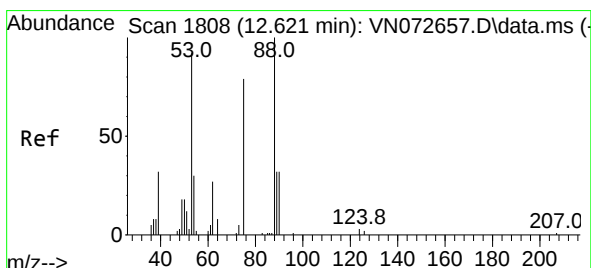
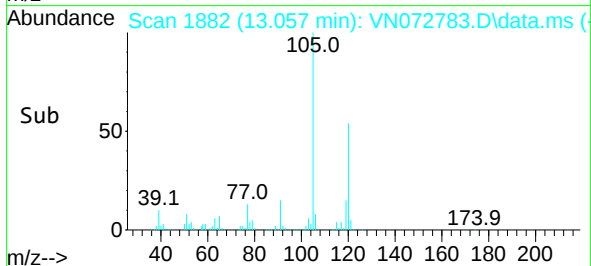
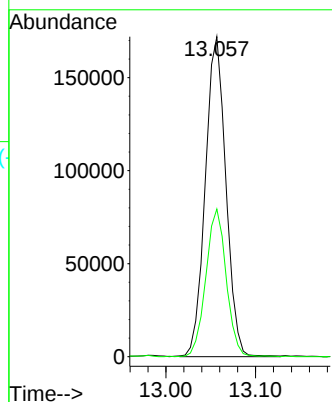
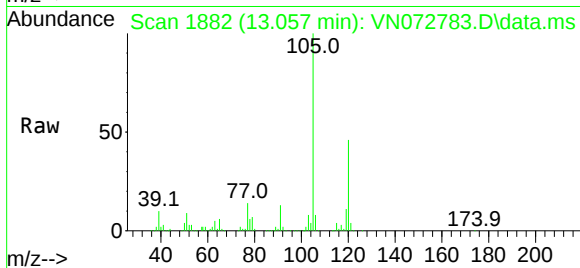
ClientSampleId :

Tgt Ion:105 Resp: 274352

Ion Ratio Lower Upper

105 100

120 45.7 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 17.287 ug/l

RT: 12.622 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

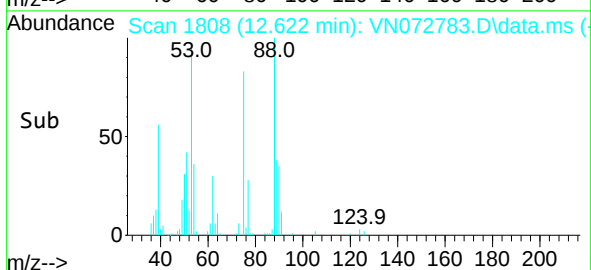
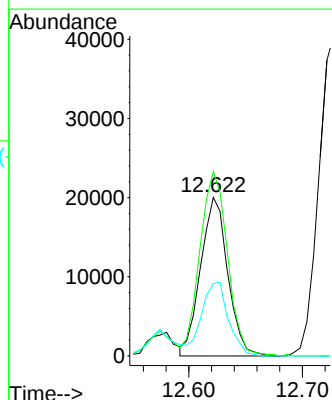
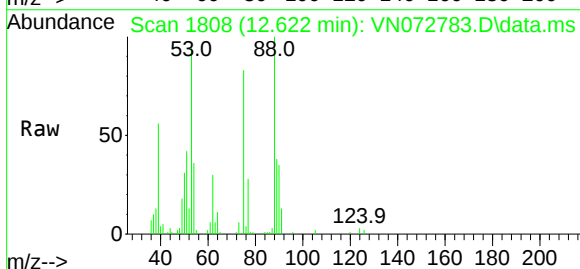
Tgt Ion: 75 Resp: 33240

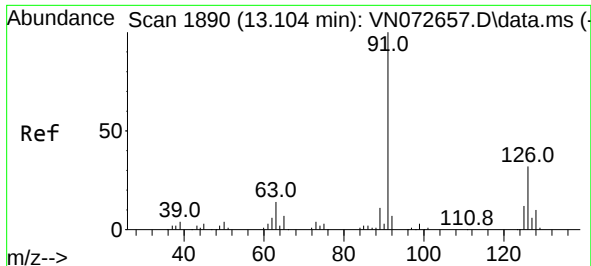
Ion Ratio Lower Upper

75 100

53 116.2 51.8 155.5

89 45.6 22.9 68.7

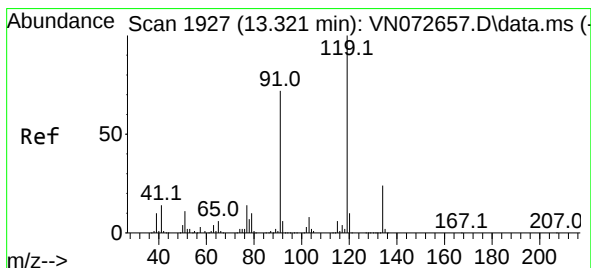
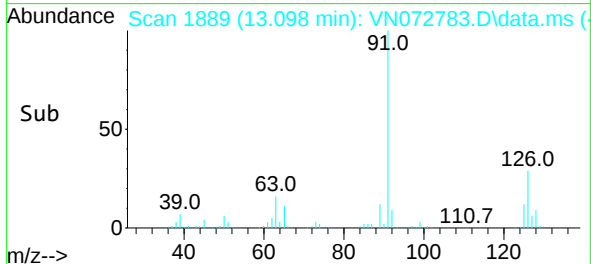
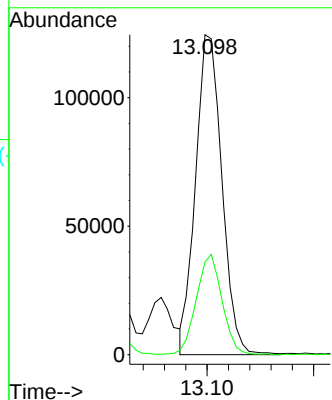
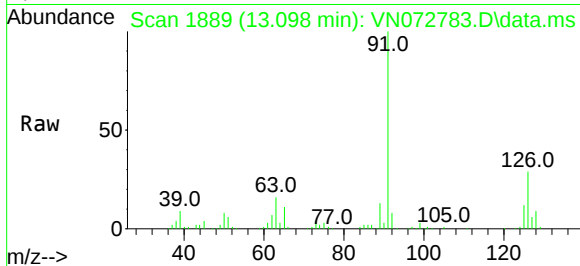




#78  
4-Chlorotoluene  
Concen: 20.692 ug/l  
RT: 13.098 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

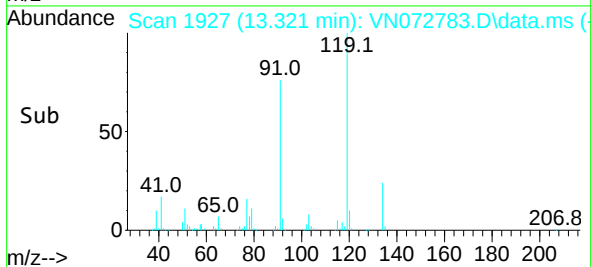
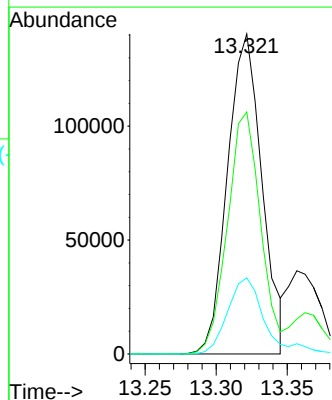
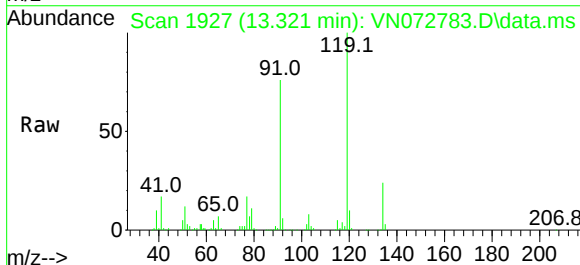
Instrument :  
MSVOA\_N  
ClientSampleId :

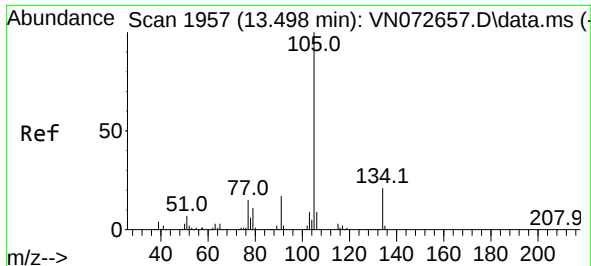
Tgt Ion: 91 Resp: 214124  
Ion Ratio Lower Upper  
91 100  
126 30.7 0.0 70.6



#79  
tert-butylbenzene  
Concen: 20.991 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion: 119 Resp: 237551  
Ion Ratio Lower Upper  
119 100  
91 72.5 0.0 137.0  
134 23.9 0.0 47.6

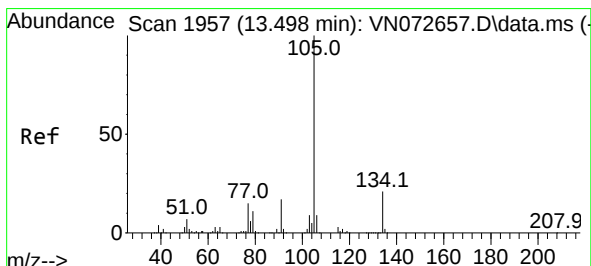
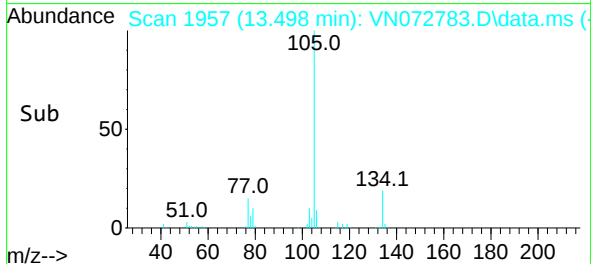
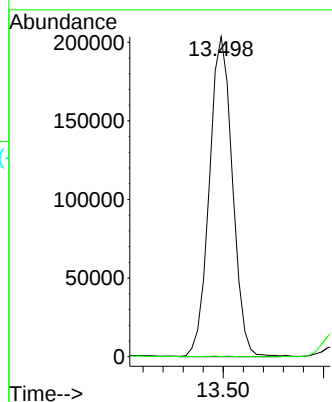
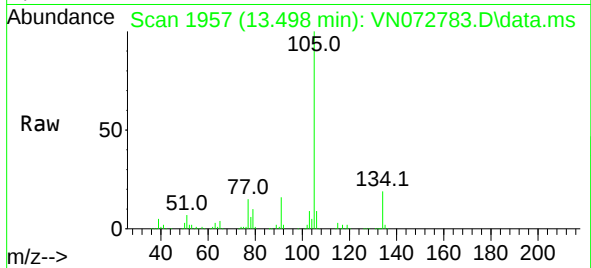




#80  
1,2,4-Trimethylbenzene  
Concen: 21.342 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

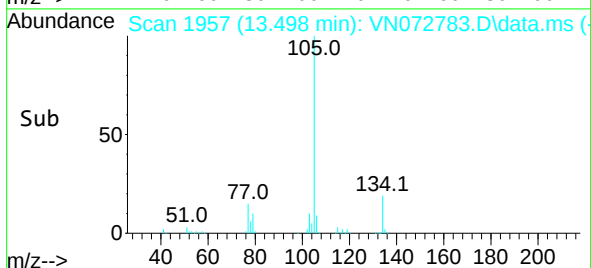
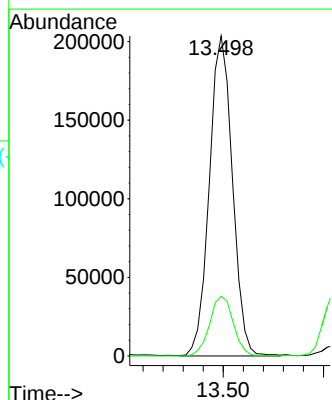
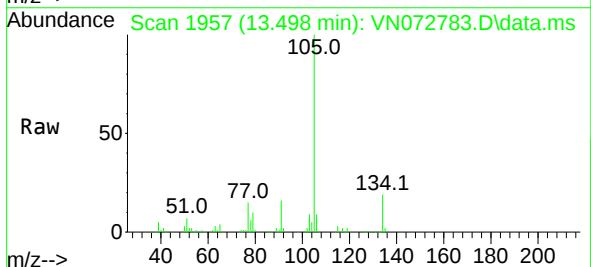
Instrument :  
MSVOA\_N  
ClientSampleId :

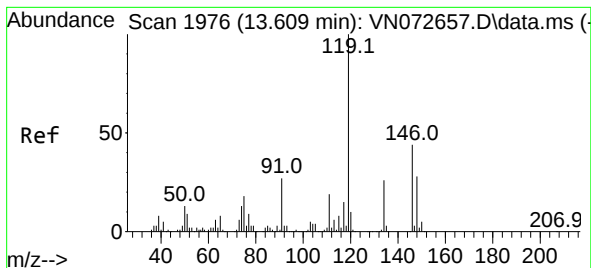
Tgt Ion:105 Resp: 326189  
Ion Ratio Lower Upper  
105 100  
120 0.1 0.0 0.2



#81  
sec-Butylbenzene  
Concen: 21.342 ug/l  
RT: 13.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

Tgt Ion:105 Resp: 326189  
Ion Ratio Lower Upper  
105 100  
134 19.0 0.0 39.4





#82

p-Isopropyltoluene

Concen: 21.420 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :

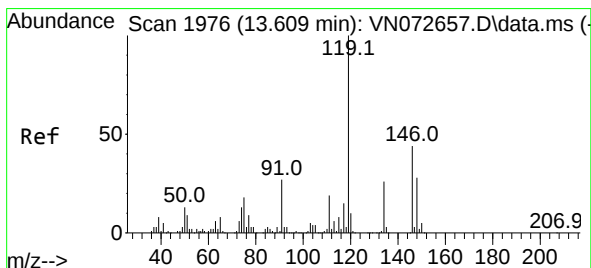
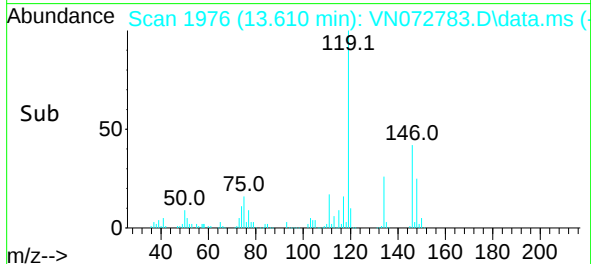
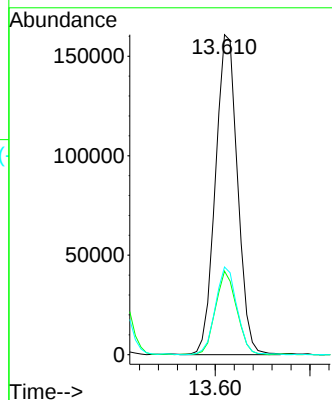
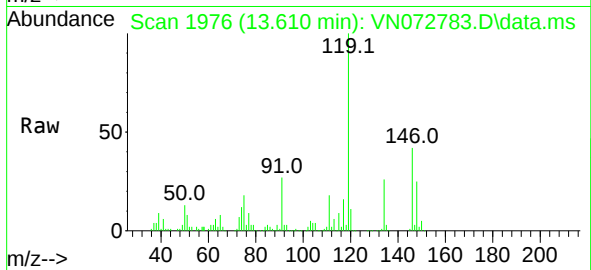
Tgt Ion:119 Resp: 261336

Ion Ratio Lower Upper

119 100

134 24.9 0.0 51.8

91 26.8 0.0 50.4



#83

1,3-Dichlorobenzene

Concen: 20.494 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

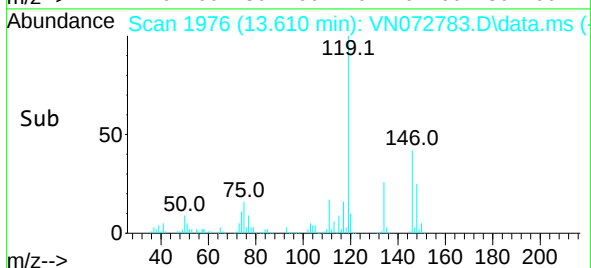
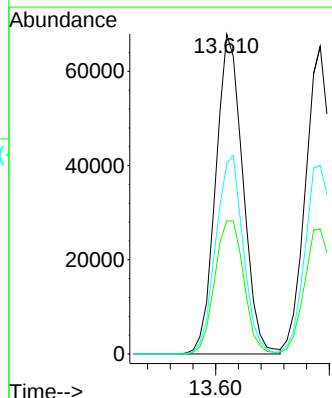
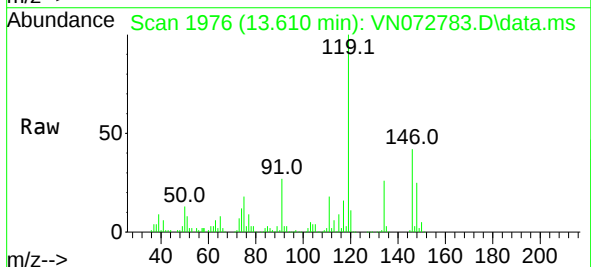
Tgt Ion:146 Resp: 112635

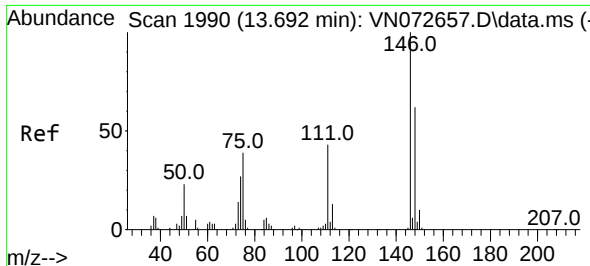
Ion Ratio Lower Upper

146 100

111 44.6 20.8 62.2

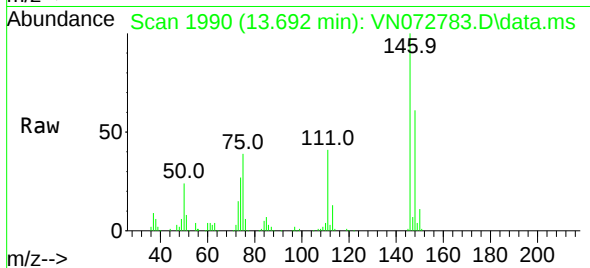
148 62.5 31.4 94.3



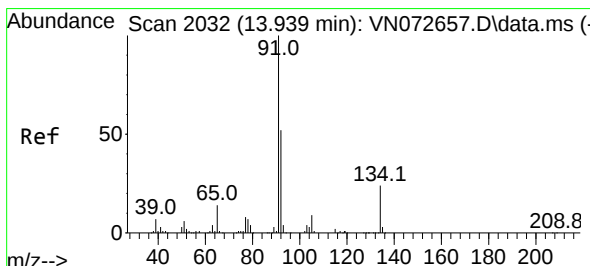
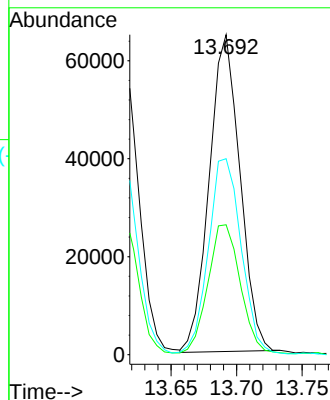
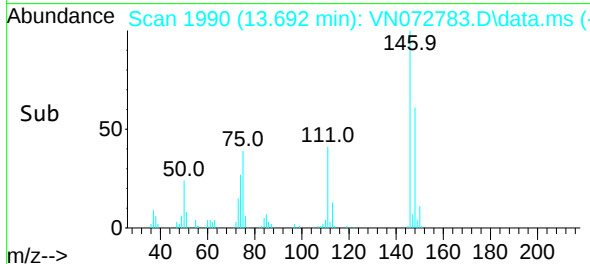


#84  
1,4-Dichlorobenzene  
Concen: 19.785 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

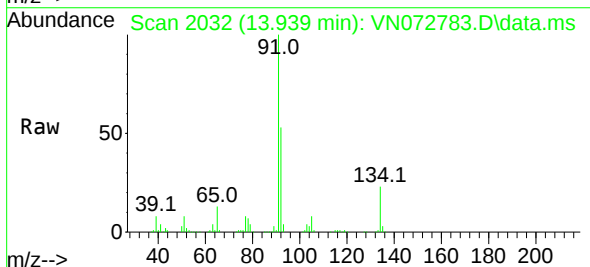
Instrument :  
MSVOA\_N  
ClientSampleId :



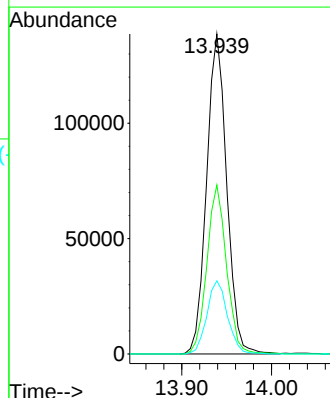
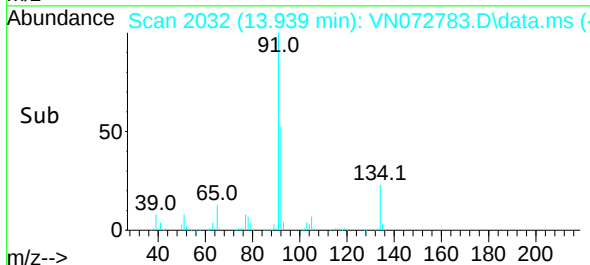
Tgt Ion:146 Resp: 105584  
Ion Ratio Lower Upper  
146 100  
111 43.9 19.5 58.5  
148 66.3 31.1 93.5

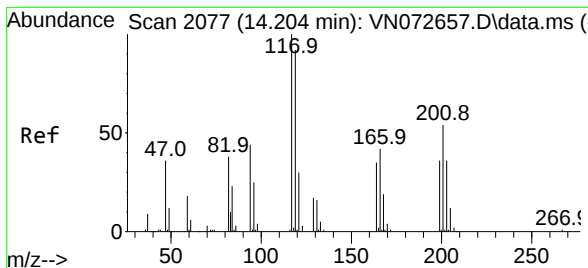


#85  
n-Butylbenzene  
Concen: 20.865 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28



Tgt Ion: 91 Resp: 215848  
Ion Ratio Lower Upper  
91 100  
92 51.5 0.0 100.6  
134 23.5 0.0 50.2





#86

Hexachloroethane

Concen: 18.589 ug/l

RT: 14.210 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

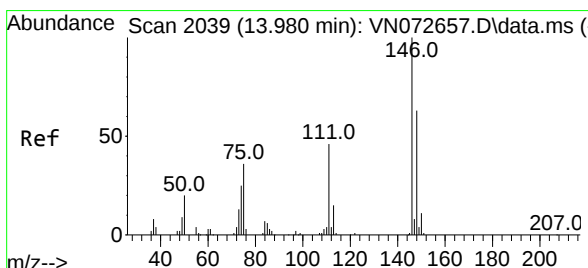
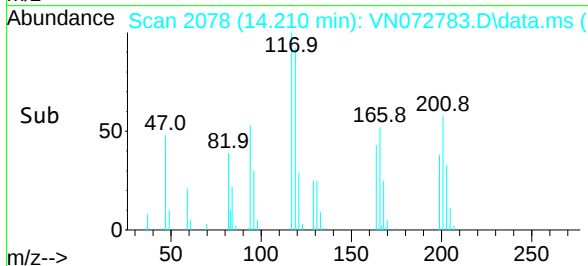
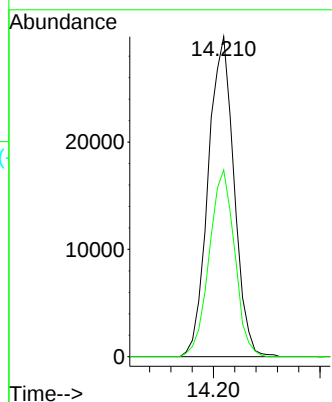
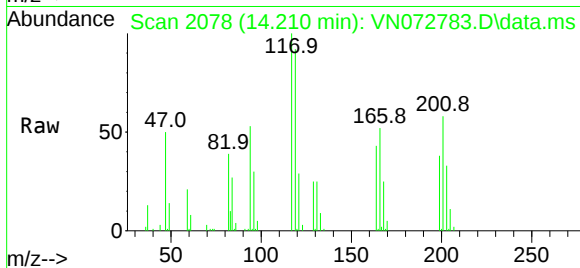
ClientSampleId :

Tgt Ion:117 Resp: 50189

Ion Ratio Lower Upper

117 100

201 57.3 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 20.420 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.006 min

Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

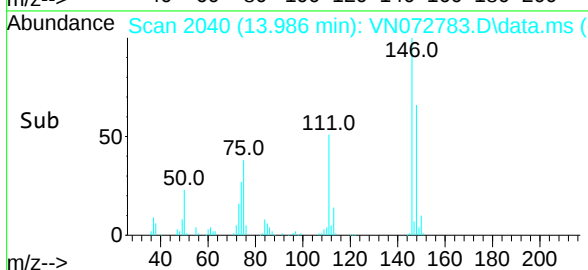
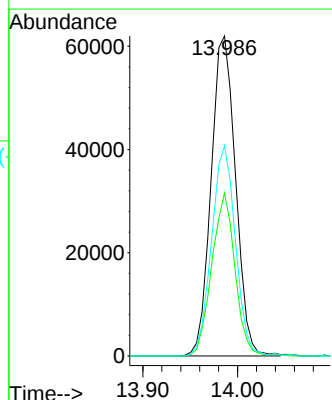
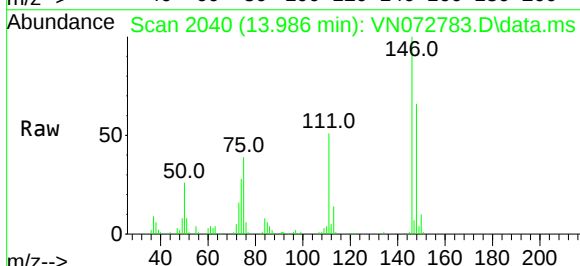
Tgt Ion:146 Resp: 111067

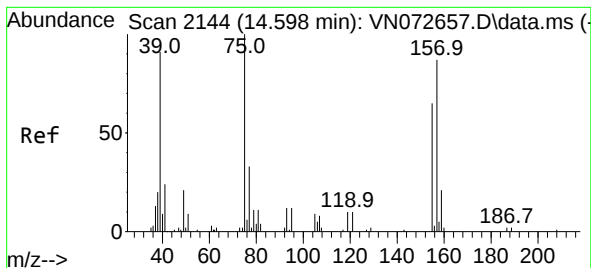
Ion Ratio Lower Upper

146 100

111 48.1 21.4 64.2

148 64.0 32.5 97.4

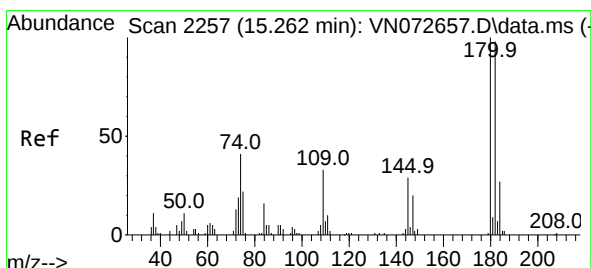
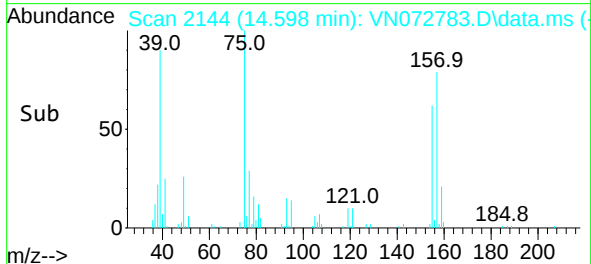
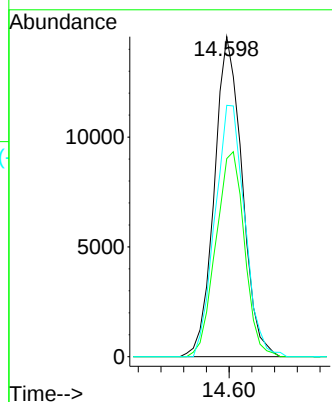
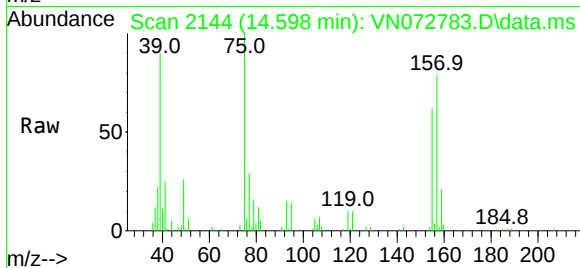




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.846 ug/l  
 RT: 14.598 min Scan# 2144  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

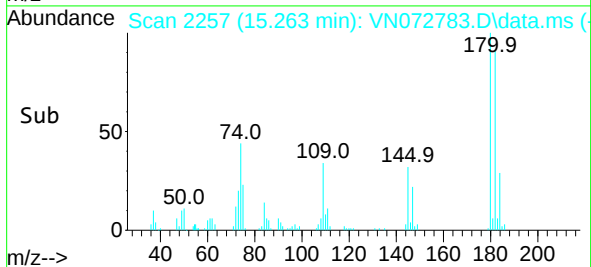
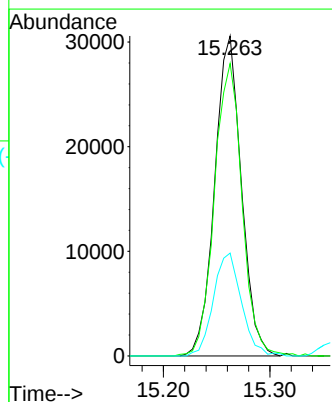
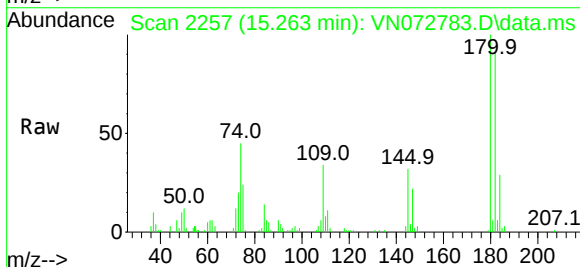
Instrument :  
 MSVOA\_N  
 ClientSampleId :

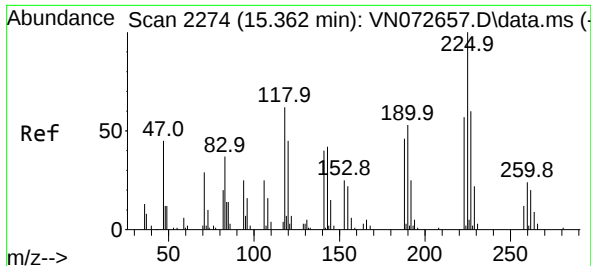
Tgt Ion: 75 Resp: 24702  
 Ion Ratio Lower Upper  
 75 100  
 155 66.3 63.8 95.8  
 157 84.0 77.9 116.9



#89  
 1,2,4-Trichlorobenzene  
 Concen: 19.392 ug/l  
 RT: 15.263 min Scan# 2257  
 Delta R.T. 0.000 min  
 Lab File: VN072783.D  
 Acq: 11 Jun 2022 12:28

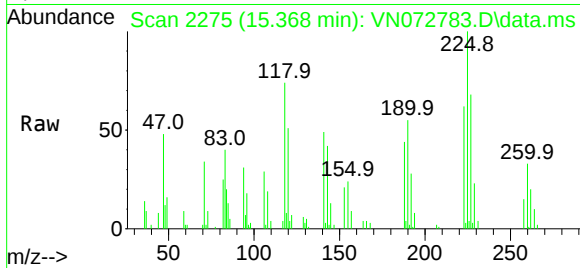
Tgt Ion: 180 Resp: 53154  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 77.7 116.5  
 145 33.5 26.6 39.8



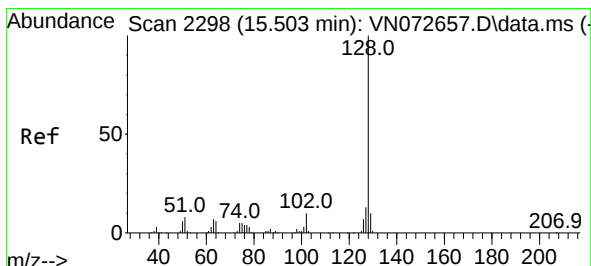
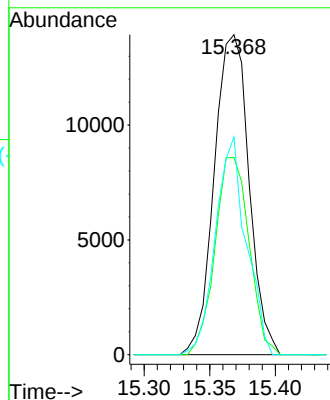
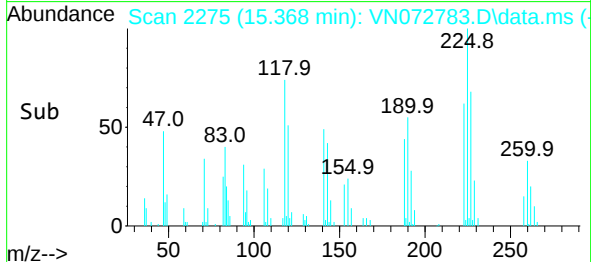


#90  
Hexachlorobutadiene  
Concen: 20.907 ug/l  
RT: 15.368 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28

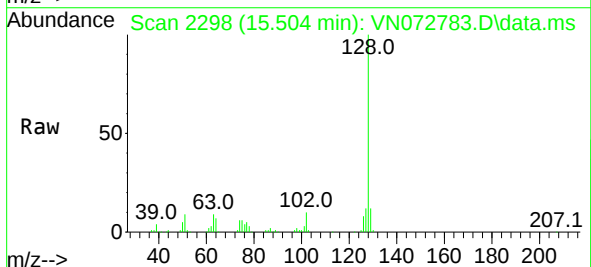
Instrument :  
MSVOA\_N  
ClientSampleId :



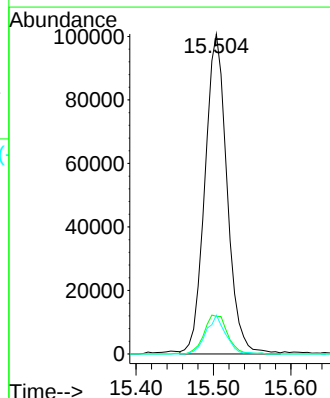
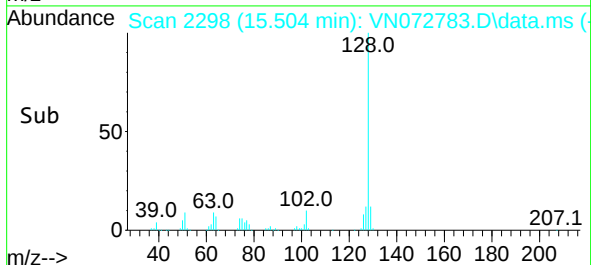
Tgt Ion:225 Resp: 25710  
Ion Ratio Lower Upper  
225 100  
223 60.4 0.0 126.8  
227 60.0 0.0 123.0

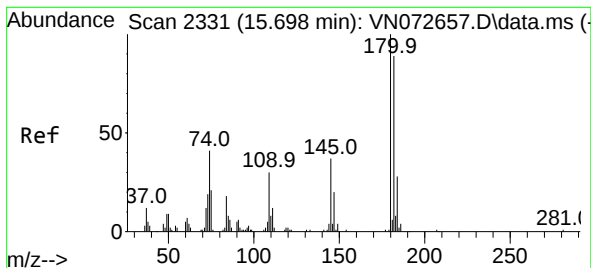


#91  
Naphthalene  
Concen: 18.295 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.000 min  
Lab File: VN072783.D  
Acq: 11 Jun 2022 12:28



Tgt Ion:128 Resp: 200084  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.7 16.1  
129 10.5 9.0 13.6





#92

1,2,3-Trichlorobenzene

Concen: 19.714 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.000 min

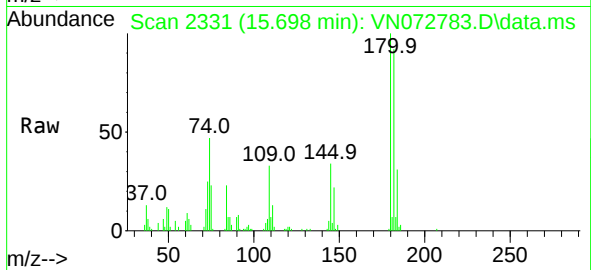
Lab File: VN072783.D

Acq: 11 Jun 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion:180 Resp: 54971

Ion Ratio Lower Upper

180 100

182 89.5 0.0 190.0

145 35.5 0.0 67.8

