

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN033022\  
 Data File : VN071647.D  
 Acq On : 30 Mar 2022 09:54  
 Operator : JC\MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Quant Time: Mar 30 12:06:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 12:03:14 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 582958   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 915111   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 780504   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.669 | 152  | 267424   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 6501     | 0.938    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 1.880%# |
| 35) Dibromofluoromethane    | 8.010  | 113   | 5265     | 0.945    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 1.900%# |
| 50) Toluene-d8              | 10.433 | 98    | 19112    | 0.831    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 1.660%# |
| 62) 4-Bromofluorobenzene    | 12.722 | 95    | 7340     | 0.976    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 1.960%# |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 4406  | 0.786  | ug/l   | 95 |
| 3) Chloromethane             | 2.299 | 50  | 7146  | 1.077  | ug/l   | 91 |
| 4) Vinyl Chloride            | 2.446 | 62  | 6807  | 0.923  | ug/l # | 80 |
| 5) Bromomethane              | 2.863 | 94  | 6122  | 1.420  | ug/l   | 90 |
| 6) Chloroethane              | 3.028 | 64  | 4983  | 0.934  | ug/l   | 97 |
| 7) Trichlorofluoromethane    | 3.387 | 101 | 8949  | 1.012  | ug/l # | 81 |
| 8) Diethyl Ether             | 3.828 | 74  | 3294  | 0.894  | ug/l   | 95 |
| 9) 1,1,2-Trichlorotrifluo... | 4.216 | 101 | 5737  | 1.068  | ug/l # | 53 |
| 10) Methyl Iodide            | 4.434 | 142 | 6850  | 0.870  | ug/l # | 94 |
| 11) Tert butyl alcohol       | 5.363 | 59  | 4301  | 3.511  | ug/l # | 72 |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 4919  | 0.949  | ug/l   | 96 |
| 13) Acrolein                 | 4.034 | 56  | 5327  | 4.761  | ug/l   | 94 |
| 14) Allyl chloride           | 4.846 | 41  | 8009  | 0.962  | ug/l # | 83 |
| 15) Acrylonitrile            | 5.551 | 53  | 14910 | 4.339  | ug/l   | 96 |
| 16) Acetone                  | 4.293 | 43  | 17704 | 6.145  | ug/l # | 88 |
| 17) Carbon Disulfide         | 4.534 | 76  | 13323 | 1.039  | ug/l   | 97 |
| 18) Methyl Acetate           | 4.846 | 43  | 12185 | 1.367  | ug/l   | 92 |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 17092 | 0.896  | ug/l   | 92 |
| 20) Methylene Chloride       | 5.093 | 84  | 6880  | 1.087  | ug/l # | 92 |
| 21) trans-1,2-Dichloroethene | 5.593 | 96  | 5807  | 1.042  | ug/l   | 96 |
| 22) Diisopropyl ether        | 6.487 | 45  | 16823 | 0.944  | ug/l   | 93 |
| 23) Vinyl Acetate            | 6.434 | 43  | 57435 | 3.825  | ug/l   | 96 |
| 24) 1,1-Dichloroethane       | 6.375 | 63  | 10102 | 0.954  | ug/l # | 82 |
| 25) 2-Butanone               | 7.334 | 43  | 20664 | 4.636  | ug/l   | 94 |
| 26) 2,2-Dichloropropane      | 7.334 | 77  | 8759  | 0.962  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 6615  | 0.964  | ug/l   | 98 |
| 28) Bromochloromethane       | 7.651 | 49  | 4195  | 1.000  | ug/l # | 89 |
| 29) Tetrahydrofuran          | 7.681 | 42  | 12223 | 4.216  | ug/l   | 97 |
| 30) Chloroform               | 7.804 | 83  | 11322 | 1.041  | ug/l   | 99 |
| 31) Cyclohexane              | 8.081 | 56  | 19671 | 2.032  | ug/l # | 51 |
| 32) 1,1,1-Trichloroethane    | 8.004 | 97  | 9435  | 1.002  | ug/l # | 51 |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 8089  | 1.006  | ug/l   | 93 |
| 37) Ethyl Acetate            | 7.398 | 43  | 8118  | 0.917  | ug/l   | 98 |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 7604  | 0.956  | ug/l   | 93 |
| 39) Methylcyclohexane        | 9.451 | 83  | 8641  | 0.871  | ug/l   | 86 |
| 40) Benzene                  | 8.457 | 78  | 25174 | 1.019  | ug/l   | 94 |

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 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Quant Time: Mar 30 12:06:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 12:03:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 3739     | 0.872  | ug/l # | 77       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 8490     | 0.995  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.551  | 43   | 16459    | 1.057  | ug/l # | 89       |
| 44) Trichloroethene           | 9.216  | 130  | 5994     | 0.921  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.481  | 63   | 6173     | 1.012  | ug/l # | 87       |
| 46) Dibromomethane            | 9.575  | 93   | 4174     | 1.001  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.757  | 83   | 7705     | 0.937  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 5122     | 0.816  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 2427     | 17.336 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 32982    | 3.818  | ug/l   | 98       |
| 52) Toluene                   | 10.498 | 92   | 14584    | 0.916  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 7463     | 0.835  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.181 | 75   | 8157     | 0.839  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.886 | 97   | 6314     | 0.982  | ug/l   | 89       |
| 56) Ethyl methacrylate        | 10.751 | 69   | 7294     | 0.762  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 10626    | 0.992  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.033 | 63   | 6213     | 2.547  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.080 | 43   | 22916    | 3.713  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.239 | 129  | 5319     | 0.828  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 5889     | 0.908  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.969 | 164  | 5814     | 1.082  | ug/l # | 79       |
| 65) Chlorobenzene             | 11.763 | 112  | 16639    | 1.024  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 5682     | 0.975  | ug/l # | 63       |
| 67) Ethyl Benzene             | 11.839 | 91   | 24946    | 0.890  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.951 | 106  | 18248    | 1.711  | ug/l   | 95       |
| 69) o-Xylene                  | 12.275 | 106  | 8829     | 0.824  | ug/l   | 96       |
| 70) Styrene                   | 12.292 | 104  | 12468    | 0.763  | ug/l   | 98       |
| 71) Bromoform                 | 12.451 | 173  | 3843     | 0.835  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.575 | 105  | 22320    | 0.953  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.380 | 43   | 5702     | 0.801  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 8399     | 1.072  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 9557     | 1.490  | ug/l # | 1        |
| 77) Bromobenzene              | 12.857 | 156  | 6720     | 1.140  | ug/l   | 82       |
| 78) n-propylbenzene           | 12.916 | 91   | 22155    | 0.877  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.998 | 91   | 15602    | 0.986  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 16168    | 0.874  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.616 | 75   | 2024     | 0.911  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 14081    | 0.954  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.316 | 119  | 15029    | 0.885  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 15646    | 0.862  | ug/l   | 92       |
| 85) sec-Butylbenzene          | 13.492 | 105  | 18475    | 0.825  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 13871    | 0.778  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 9228     | 0.971  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.610 | 146  | 9228     | 0.978  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.939 | 91   | 11180    | 0.830  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 2715     | 0.812  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.980 | 146  | 9773     | 1.052  | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 1115     | 0.826  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 2459     | 0.598  | ug/l   | 79       |
| 94) Hexachlorobutadiene       | 15.363 | 225  | 2927     | 1.127  | ug/l   | 94       |
| 95) Naphthalene               | 15.498 | 128  | 4974     | 0.445  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 2151     | 0.524  | ug/l   | 95       |

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Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Quant Time: Mar 30 12:06:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 12:03:14 2022  
Response via : Initial Calibration

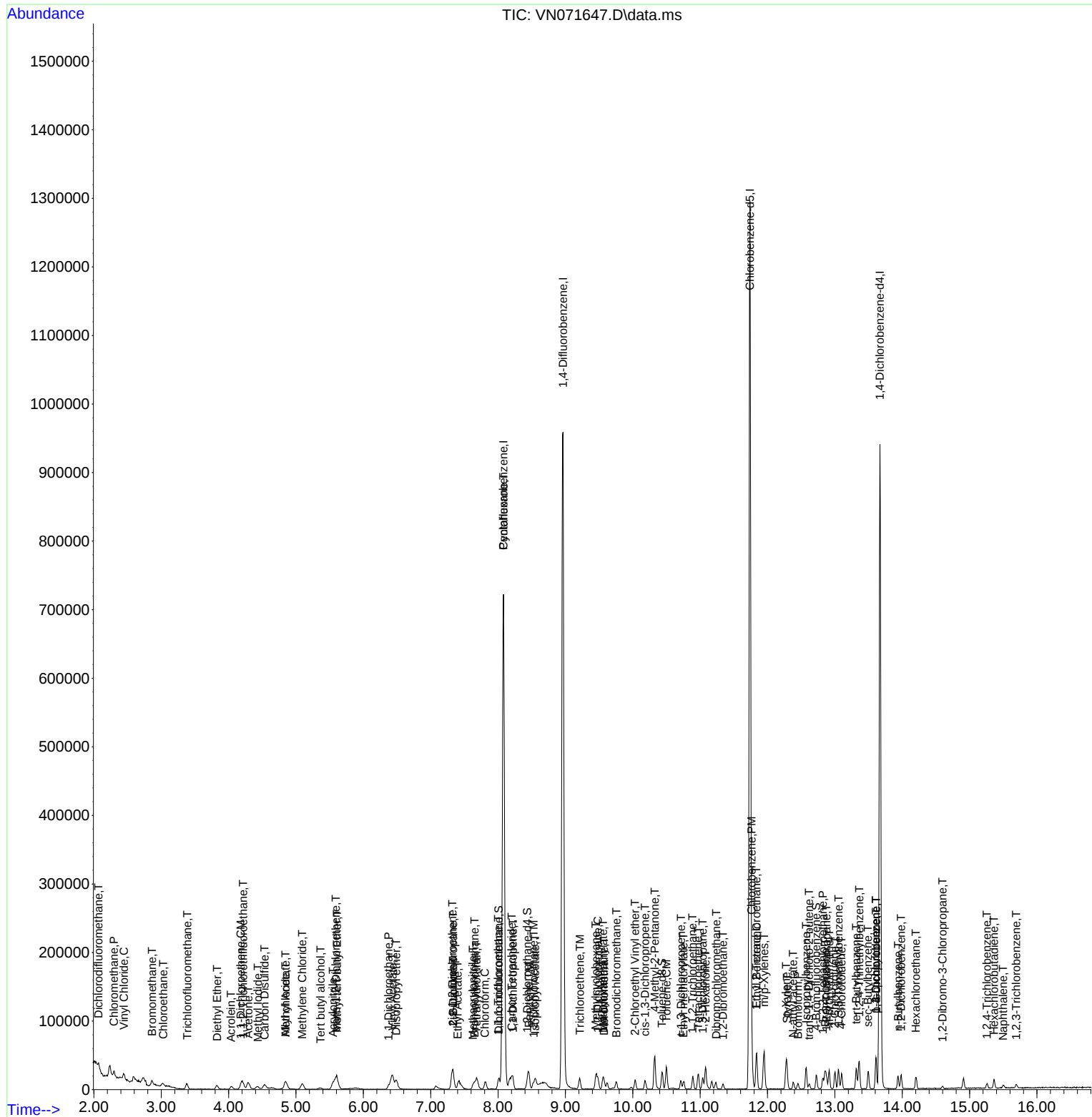
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

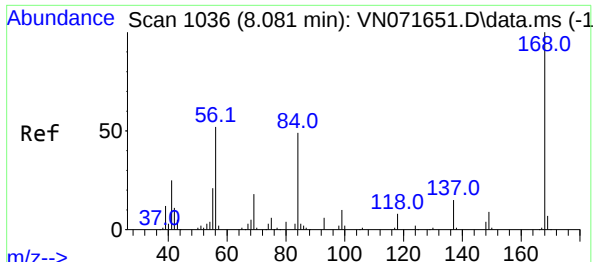
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN033022\  
 Data File : VN071647.D  
 Acq On : 30 Mar 2022 09:54  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

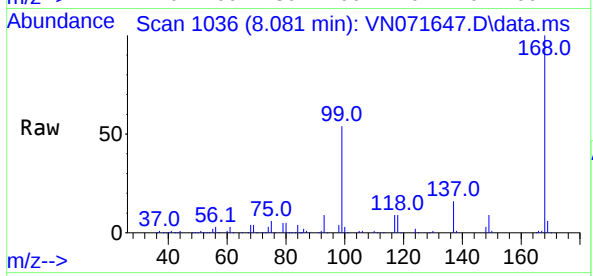
Quant Time: Mar 30 12:06:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 12:03:14 2022  
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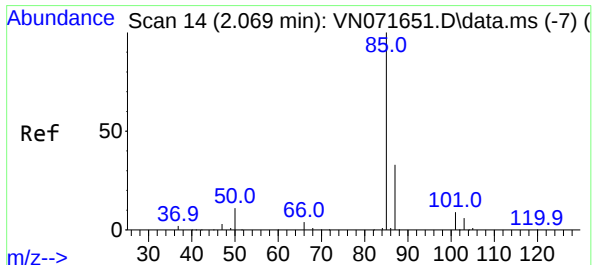
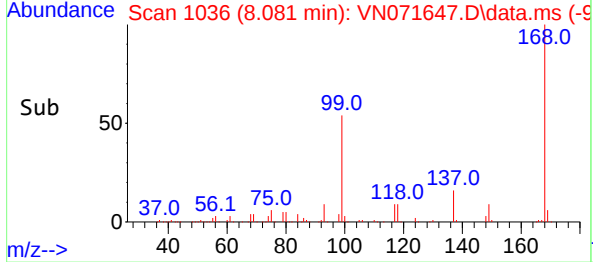
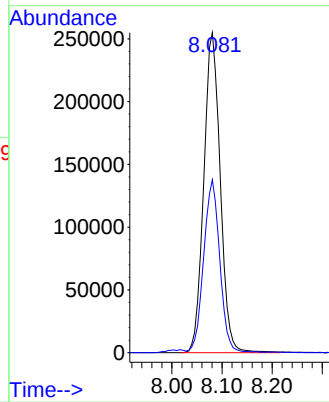


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

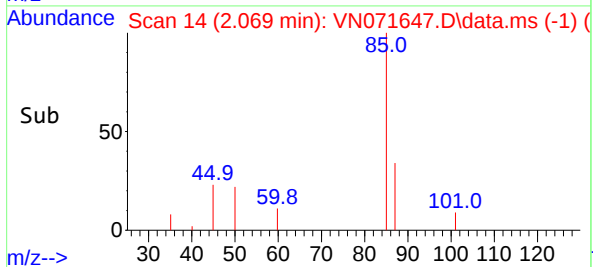
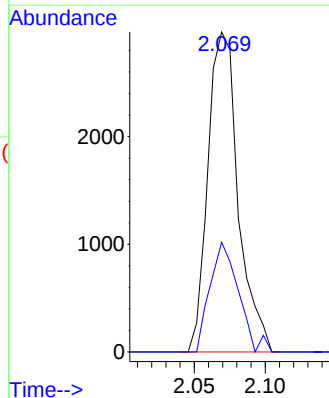
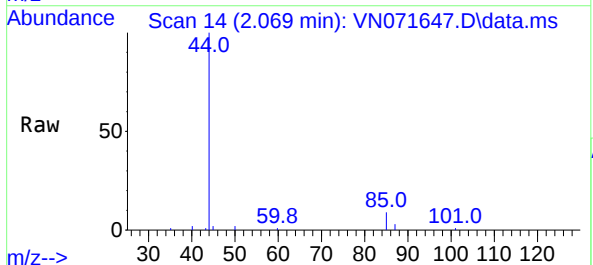


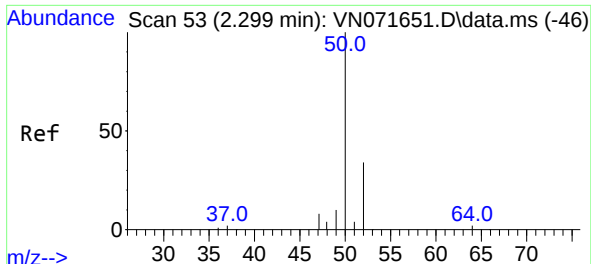
Tgt Ion:168 Resp: 582958  
Ion Ratio Lower Upper  
168 100  
99 53.8 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 0.786 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 85 Resp: 4406  
Ion Ratio Lower Upper  
85 100  
87 34.3 15.7 47.1

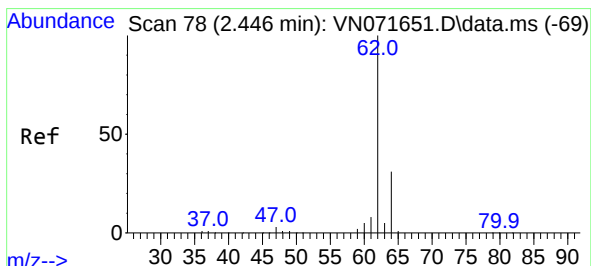
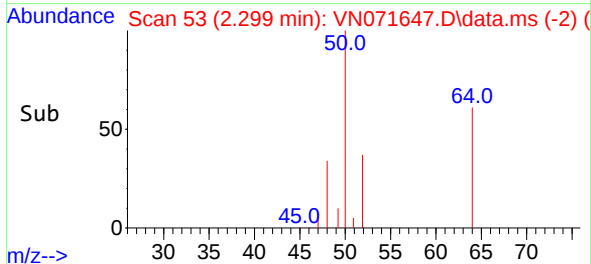
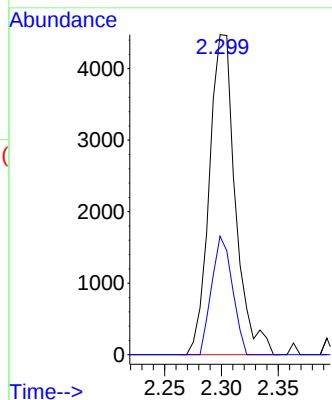
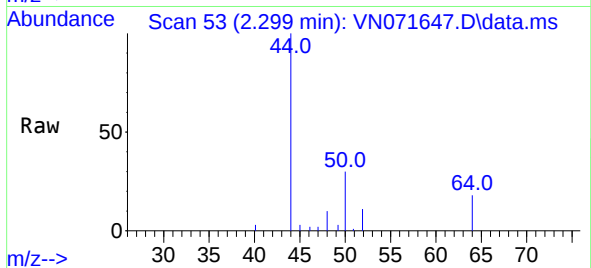




#3  
Chloromethane  
Concen: 1.077 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

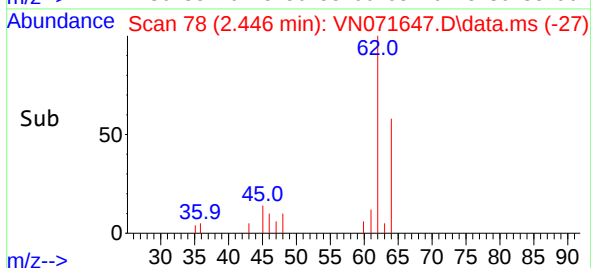
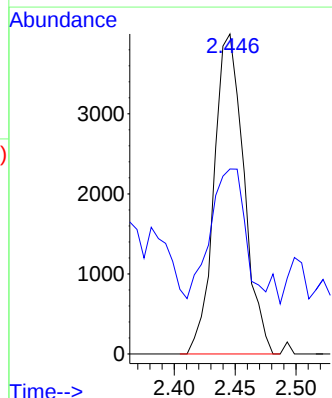
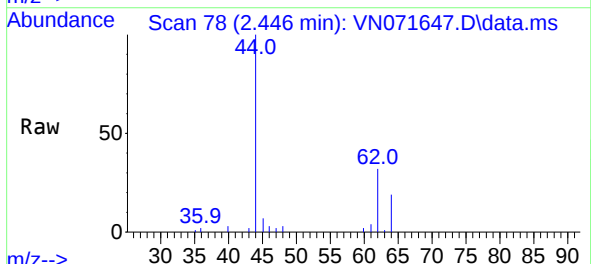
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

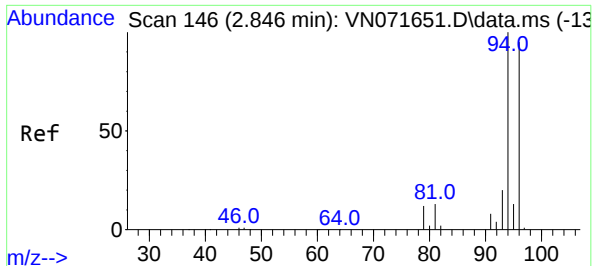
Tgt Ion: 50 Resp: 7146  
Ion Ratio Lower Upper  
50 100  
52 37.0 25.7 38.5



#4  
Vinyl Chloride  
Concen: 0.923 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 62 Resp: 6807  
Ion Ratio Lower Upper  
62 100  
64 42.2 25.0 37.4#

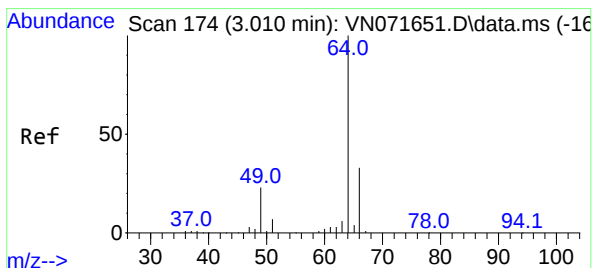
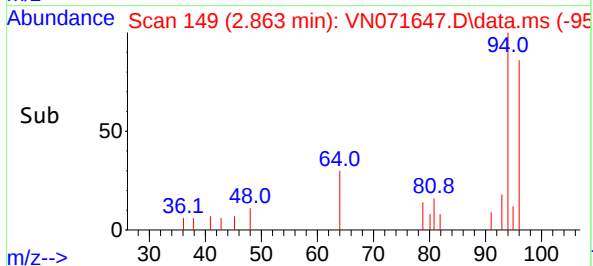
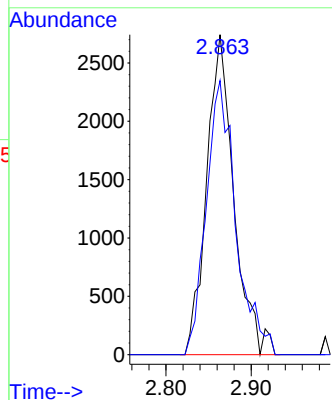
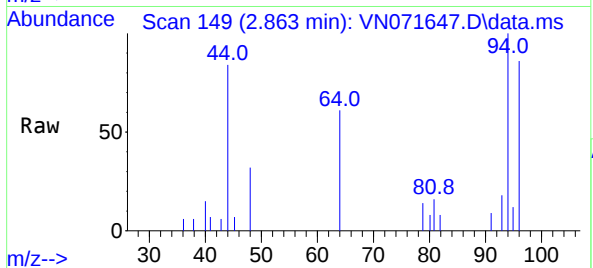




#5  
Bromomethane  
Concen: 1.420 ug/l  
RT: 2.863 min Scan# 14  
Delta R.T. 0.018 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

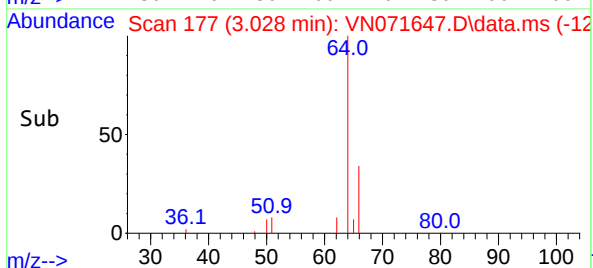
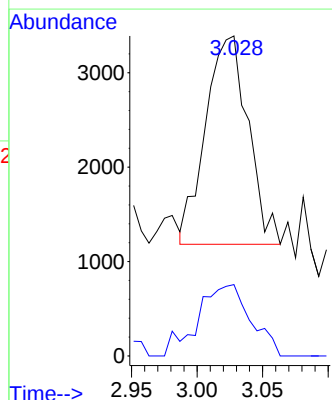
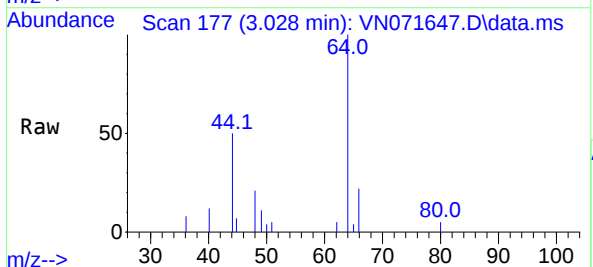
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

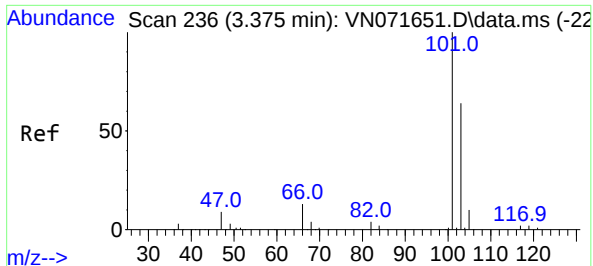
Tgt Ion: 94 Resp: 6122  
Ion Ratio Lower Upper  
94 100  
96 85.7 76.0 114.0



#6  
Chloroethane  
Concen: 0.934 ug/l  
RT: 3.028 min Scan# 177  
Delta R.T. 0.018 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 64 Resp: 4983  
Ion Ratio Lower Upper  
64 100  
66 34.3 26.2 39.4

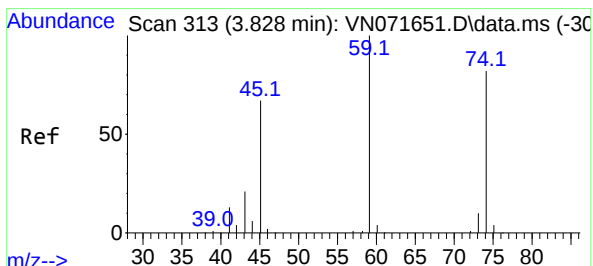
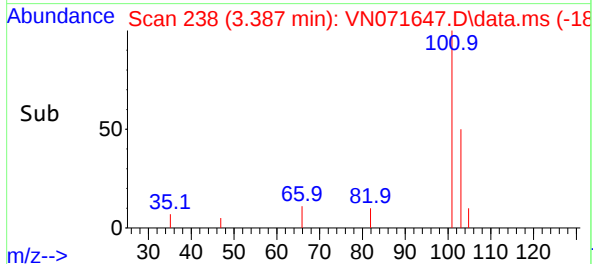
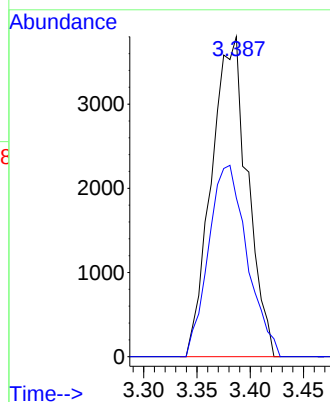
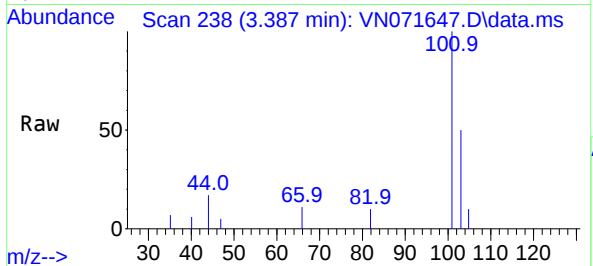




#7  
Trichlorofluoromethane  
Concen: 1.012 ug/l  
RT: 3.387 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

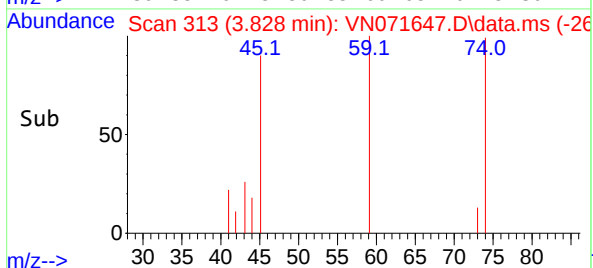
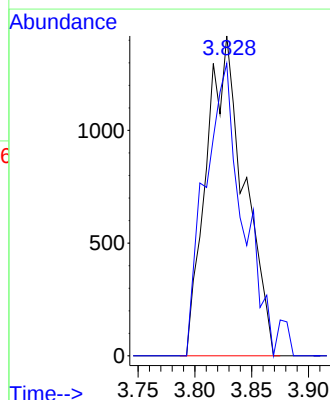
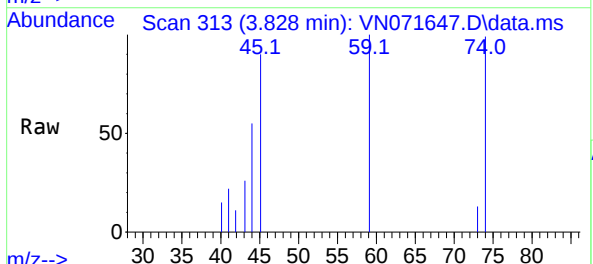
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

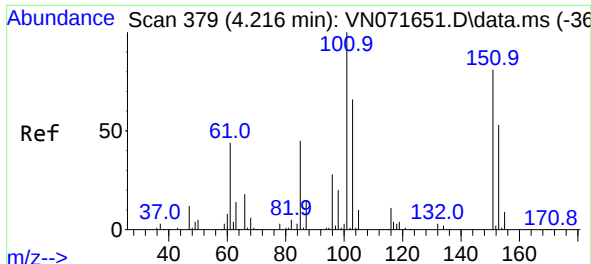
Tgt Ion:101 Resp: 8949  
Ion Ratio Lower Upper  
101 100  
103 49.6 51.5 77.3#



#8  
Diethyl Ether  
Concen: 0.894 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 74 Resp: 3294  
Ion Ratio Lower Upper  
74 100  
45 90.4 42.9 128.5

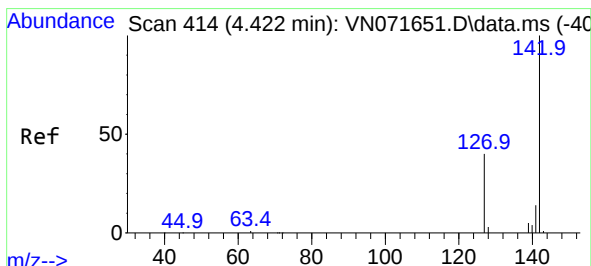
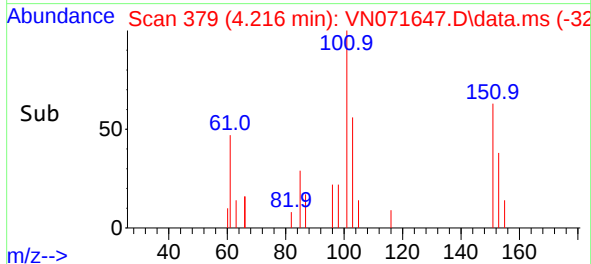
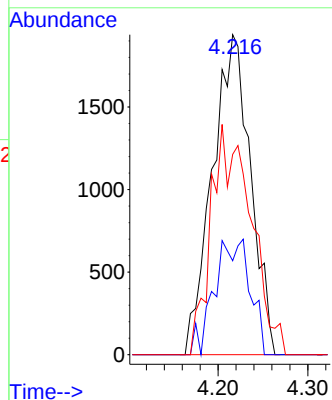
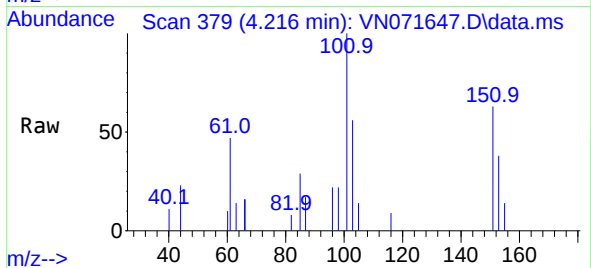




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.068 ug/l  
RT: 4.216 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

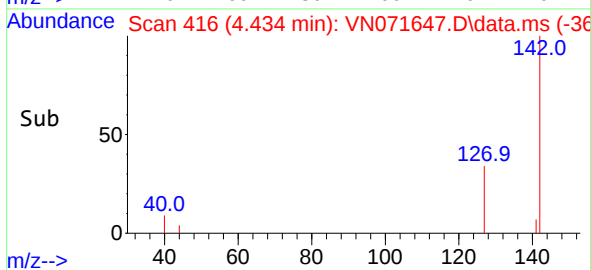
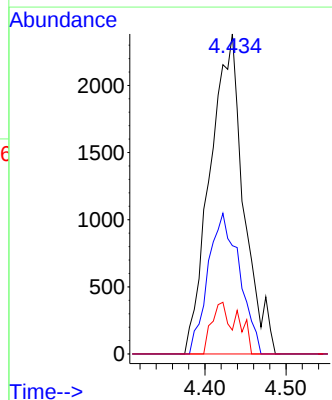
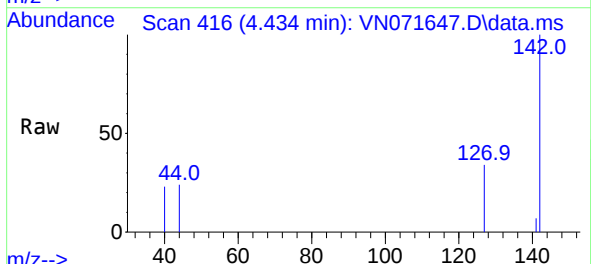
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

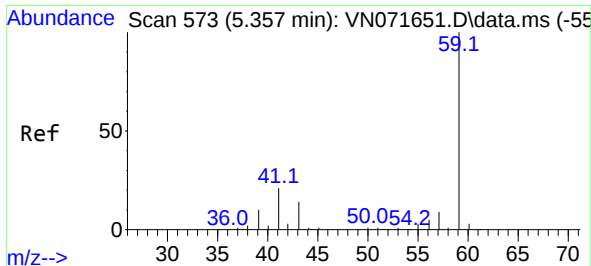
Tgt Ion:101 Resp: 5737  
Ion Ratio Lower Upper  
101 100  
85 19.1 34.7 52.1#  
151 33.3 63.0 94.4#



#10  
Methyl Iodide  
Concen: 0.870 ug/l  
RT: 4.434 min Scan# 416  
Delta R.T. 0.012 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:142 Resp: 6850  
Ion Ratio Lower Upper  
142 100  
127 41.2 31.3 46.9  
141 8.3 11.2 16.8#

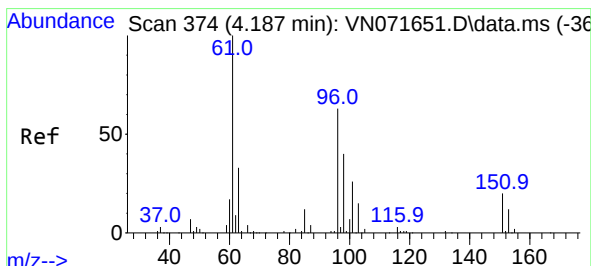
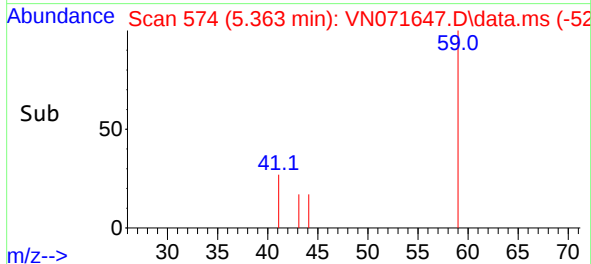
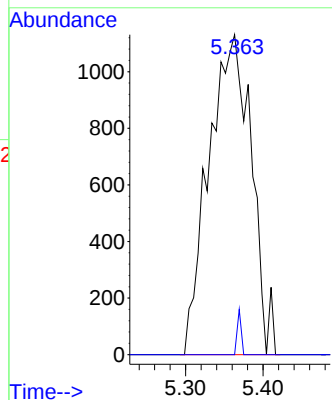
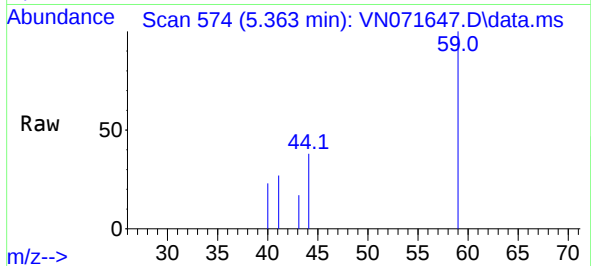




#11  
Tert butyl alcohol  
Concen: 3.511 ug/l  
RT: 5.363 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

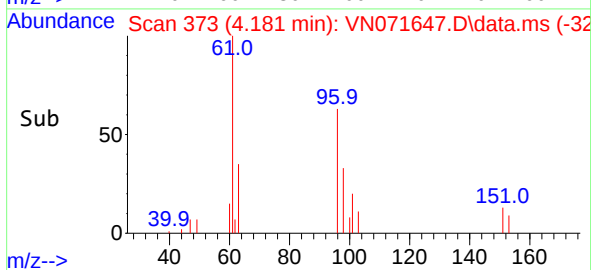
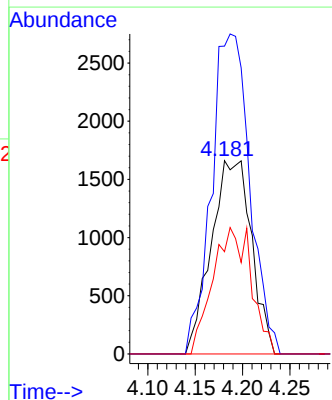
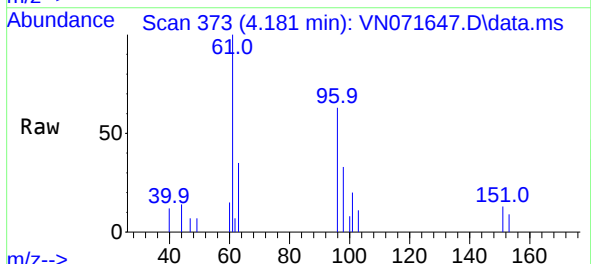
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

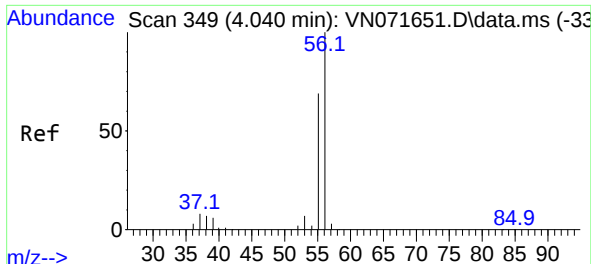
Tgt Ion: 59 Resp: 4301  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 0.949 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 96 Resp: 4919  
Ion Ratio Lower Upper  
96 100  
61 159.3 127.6 191.4  
98 52.9 51.2 76.8

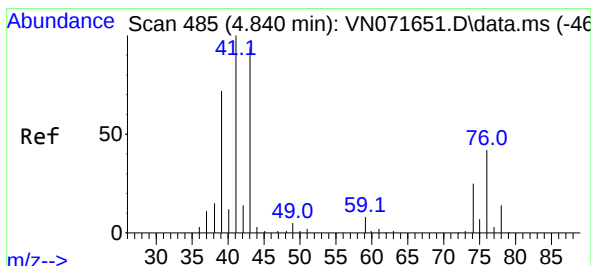
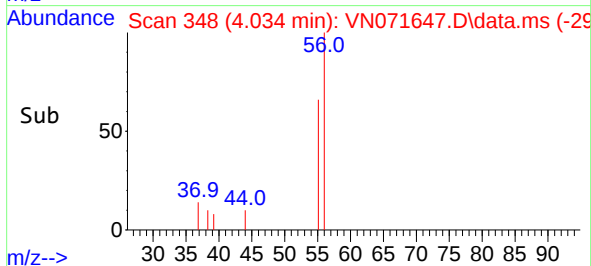
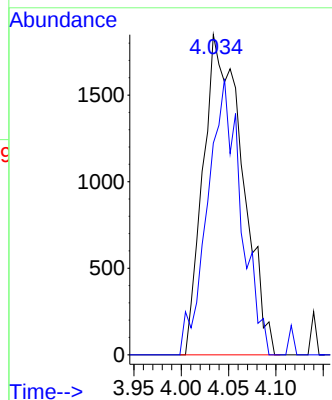
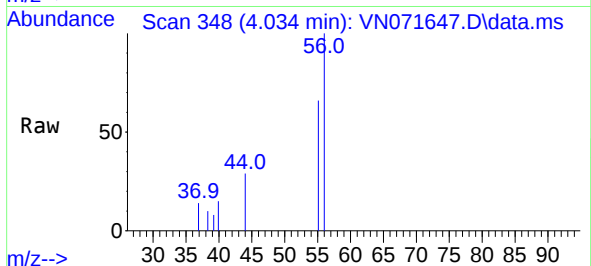




#13  
Acrolein  
Concen: 4.761 ug/l  
RT: 4.034 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

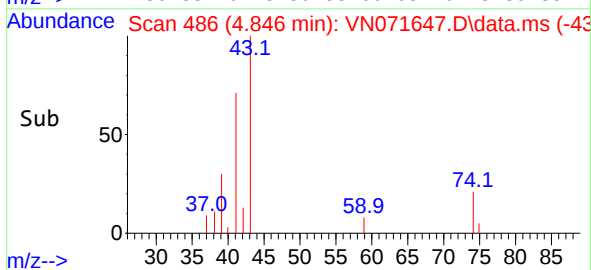
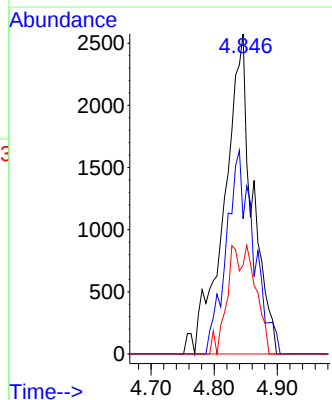
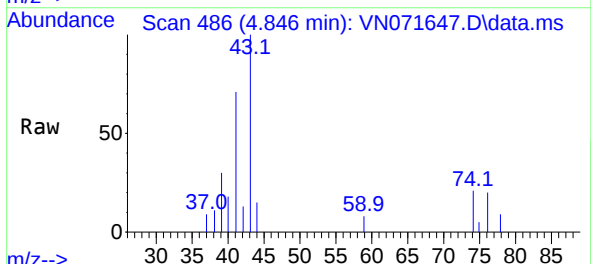
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

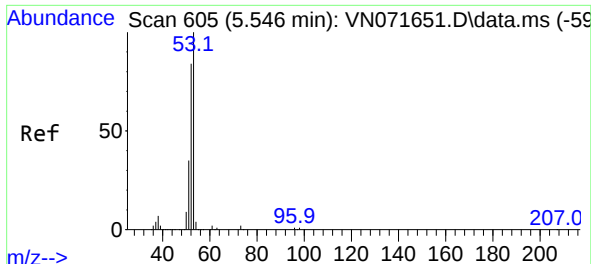
Tgt Ion: 56 Resp: 5327  
Ion Ratio Lower Upper  
56 100  
55 73.6 54.8 82.2



#14  
Allyl chloride  
Concen: 0.962 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 41 Resp: 8009  
Ion Ratio Lower Upper  
41 100  
39 62.1 53.2 79.8  
76 15.8 29.9 44.9#

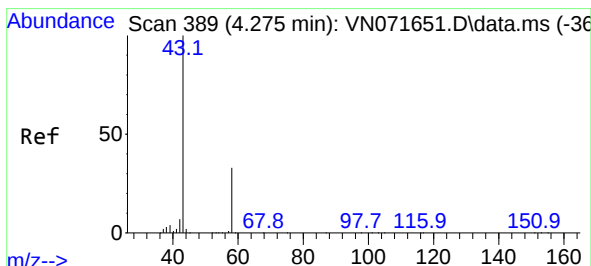
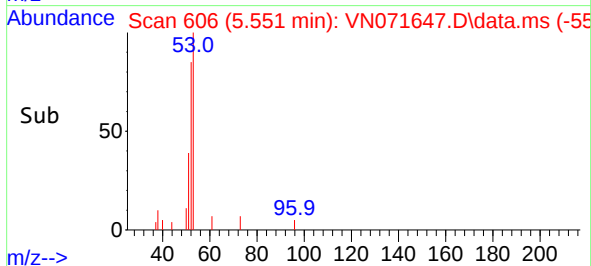
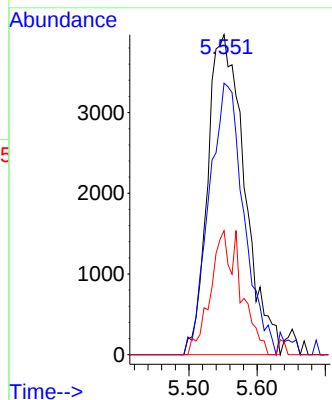
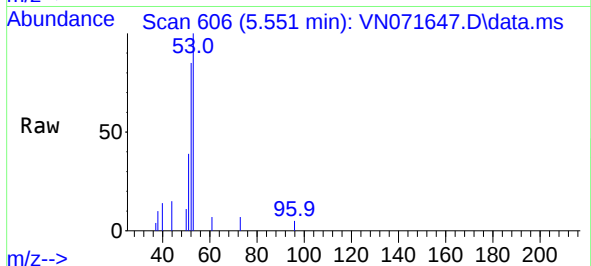




#15  
Acrylonitrile  
Concen: 4.339 ug/l  
RT: 5.551 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

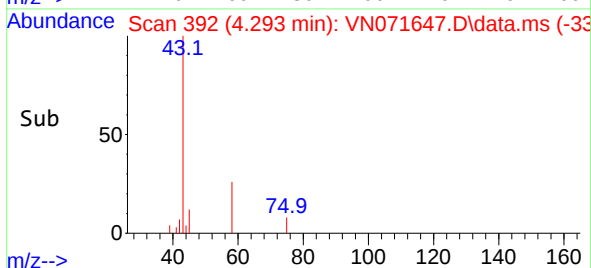
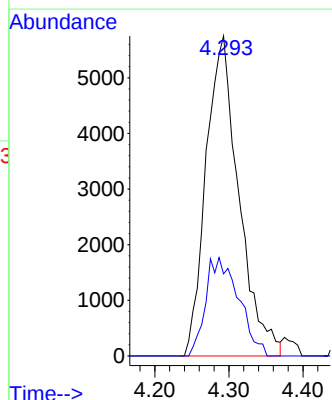
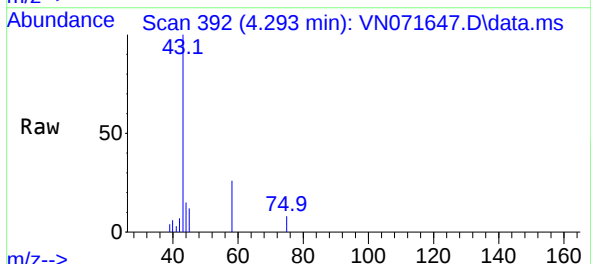
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

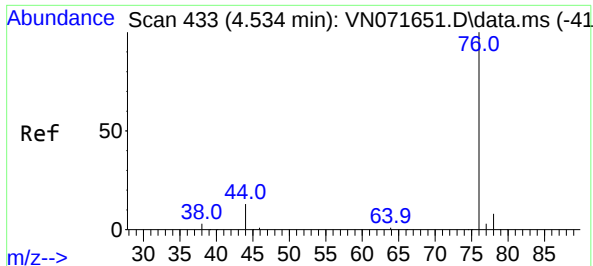
Tgt Ion: 53 Resp: 14910  
Ion Ratio Lower Upper  
53 100  
52 79.9 66.4 99.6  
51 32.0 28.5 42.7



#16  
Acetone  
Concen: 6.145 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.018 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 43 Resp: 17704  
Ion Ratio Lower Upper  
43 100  
58 25.6 26.0 39.0#

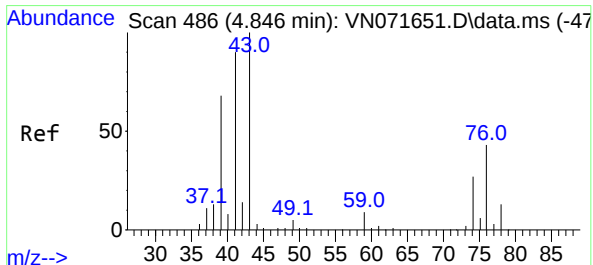
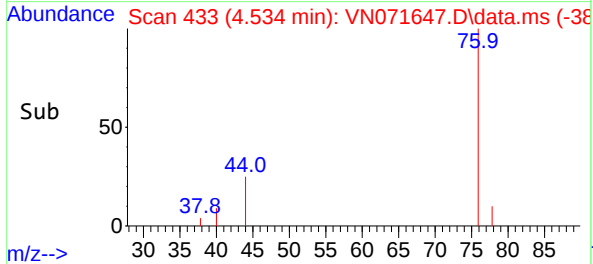
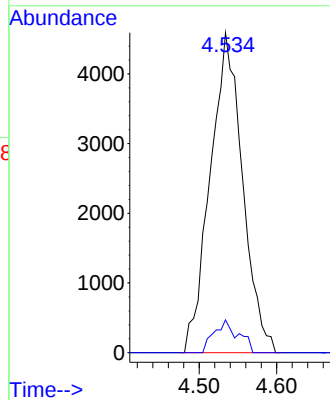
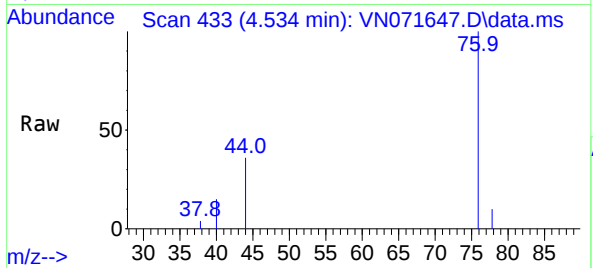




#17  
Carbon Disulfide  
Concen: 1.039 ug/l  
RT: 4.534 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

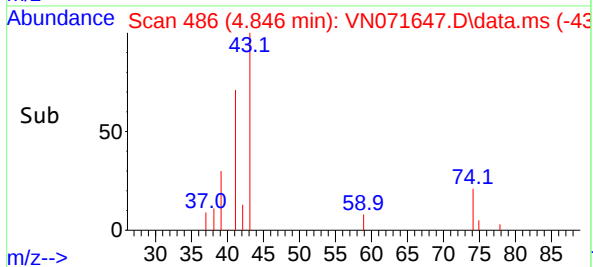
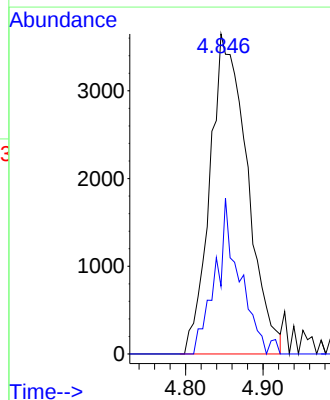
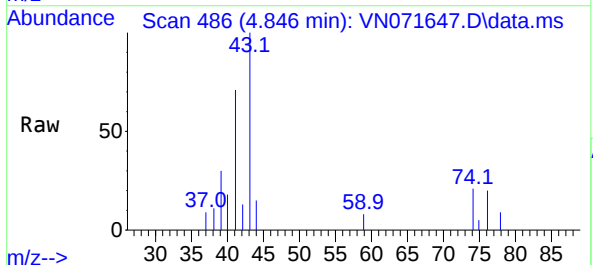
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

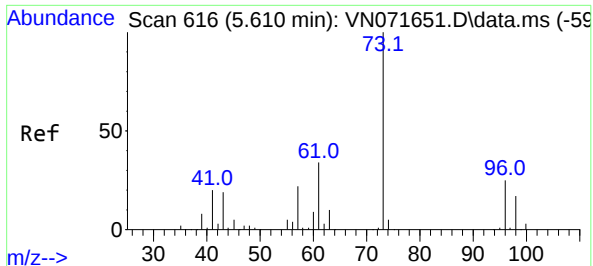
Tgt Ion: 76 Resp: 13323  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 1.367 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 43 Resp: 12185  
Ion Ratio Lower Upper  
43 100  
74 31.1 21.6 32.4

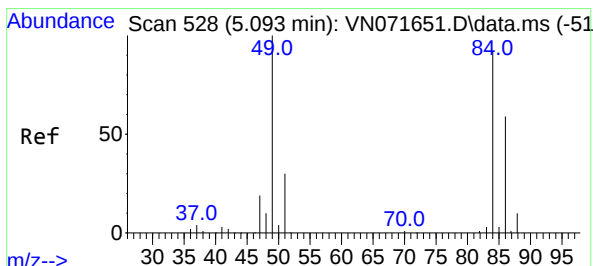
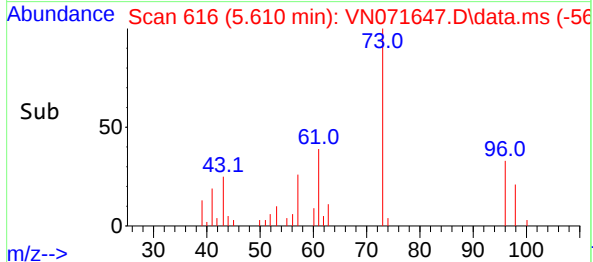
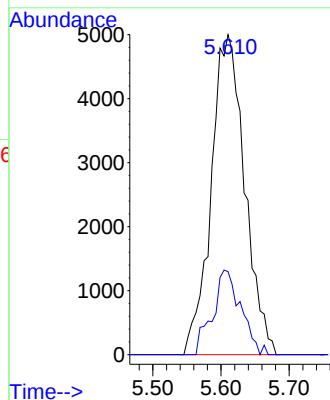
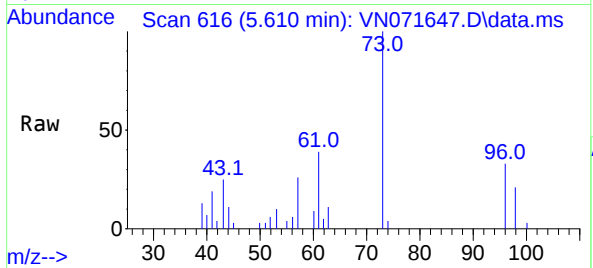




#19  
Methyl tert-butyl Ether  
Concen: 0.896 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

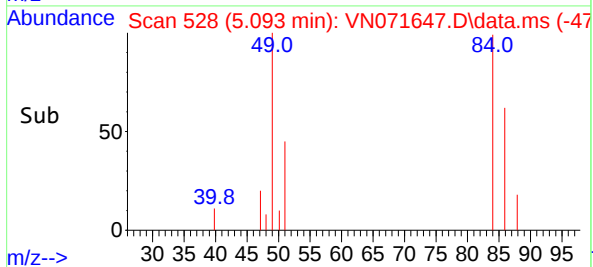
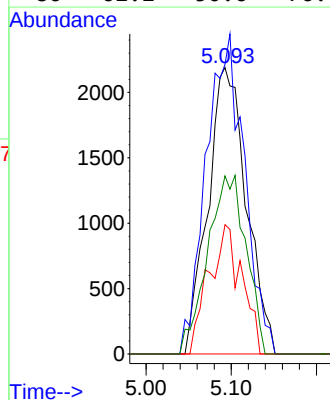
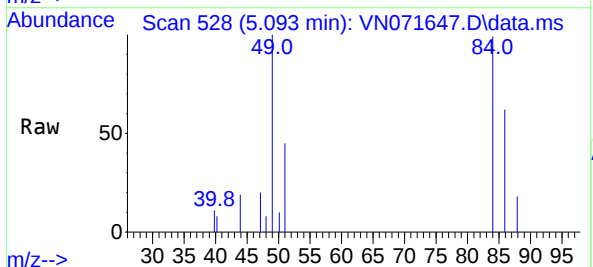
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

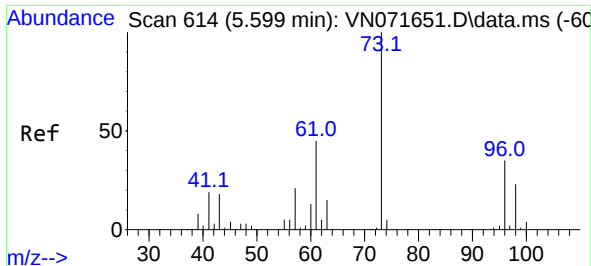
Tgt Ion: 73 Resp: 17092  
Ion Ratio Lower Upper  
73 100  
57 26.0 17.6 26.4



#20  
Methylene Chloride  
Concen: 1.087 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

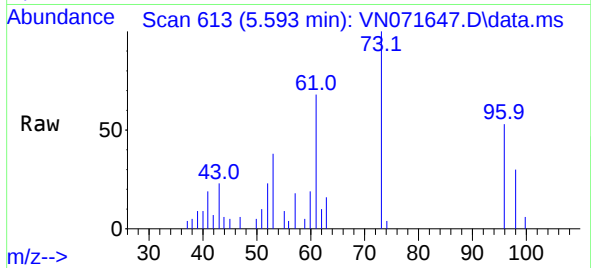
Tgt Ion: 84 Resp: 6880  
Ion Ratio Lower Upper  
84 100  
49 101.1 88.3 132.5  
51 45.2 28.2 42.2#  
86 62.2 50.6 76.0



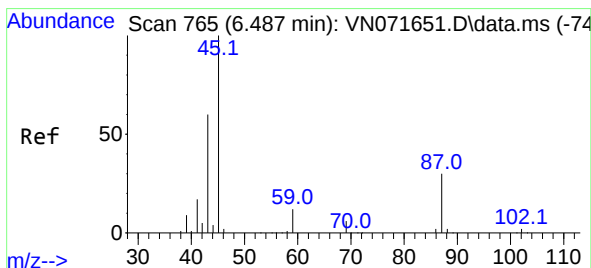
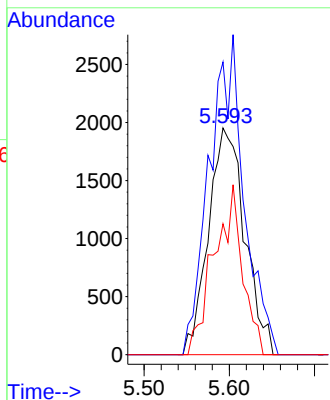
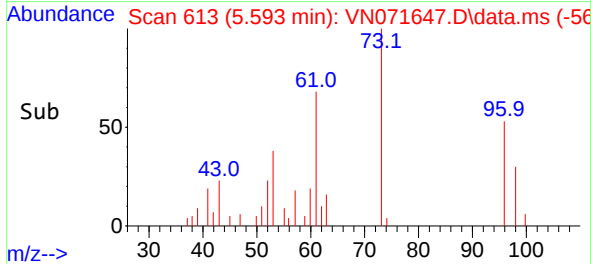


#21  
trans-1,2-Dichloroethene  
Concen: 1.042 ug/l  
RT: 5.593 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

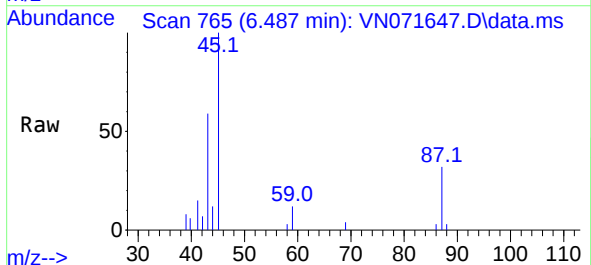
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



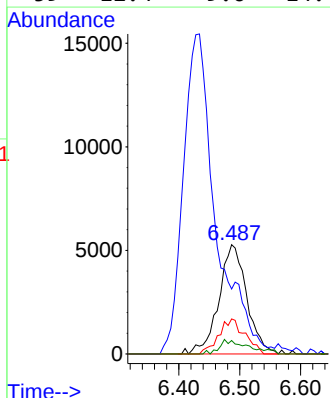
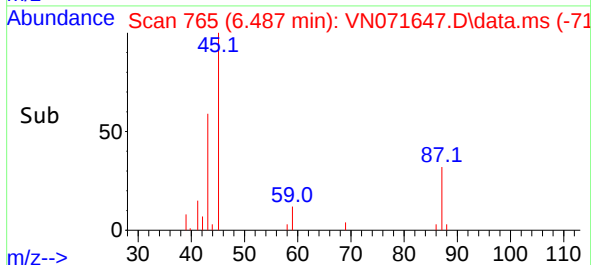
Tgt Ion: 96 Resp: 5807  
Ion Ratio Lower Upper  
96 100  
61 129.1 105.8 158.8  
98 57.7 50.3 75.5

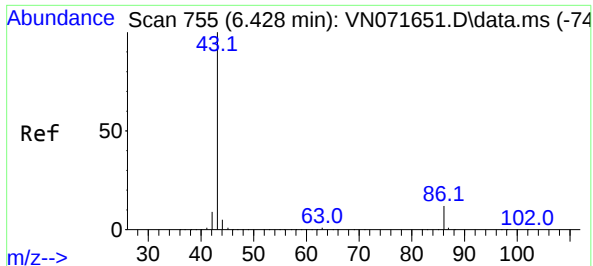


#22  
Diisopropyl ether  
Concen: 0.944 ug/l  
RT: 6.487 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54



Tgt Ion: 45 Resp: 16823  
Ion Ratio Lower Upper  
45 100  
43 50.1 46.6 70.0  
87 32.1 24.3 36.5  
59 12.4 9.6 14.4

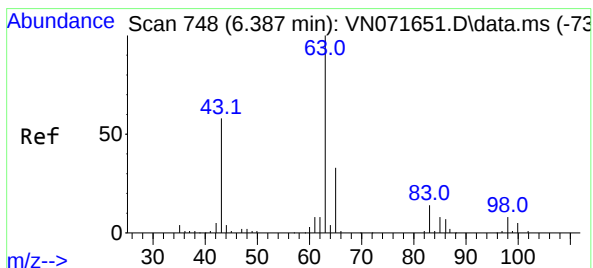
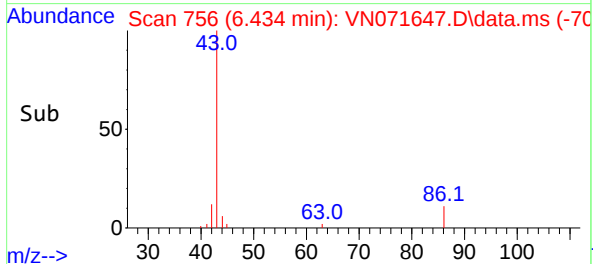
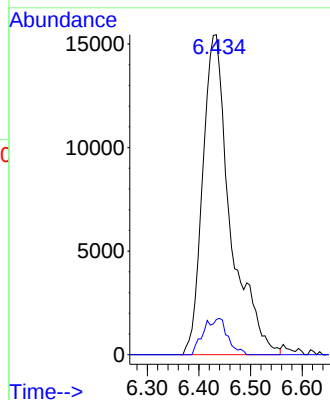
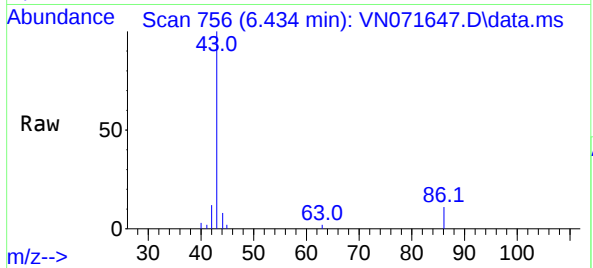




#23  
 Vinyl Acetate  
 Concen: 3.825 ug/l  
 RT: 6.434 min Scan# 756  
 Delta R.T. 0.006 min  
 Lab File: VN071647.D  
 Acq: 30 Mar 2022 09:54

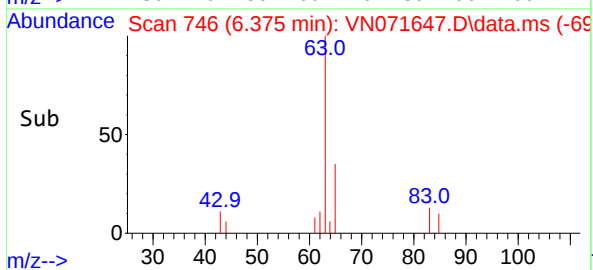
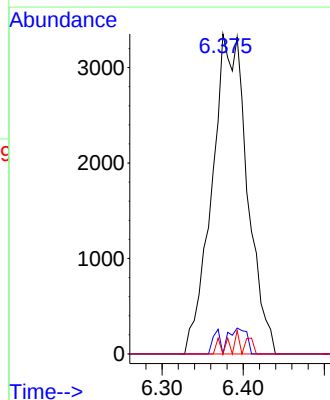
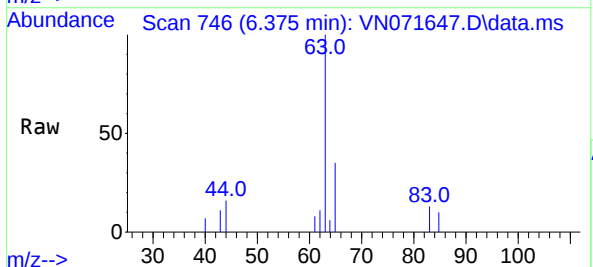
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

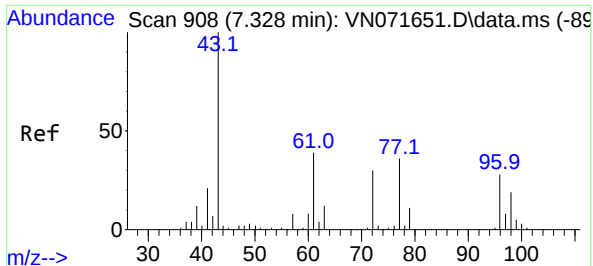
Tgt Ion: 43 Resp: 57435  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 0.954 ug/l  
 RT: 6.375 min Scan# 746  
 Delta R.T. -0.012 min  
 Lab File: VN071647.D  
 Acq: 30 Mar 2022 09:54

Tgt Ion: 63 Resp: 10102  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.5 10.4#  
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.636 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

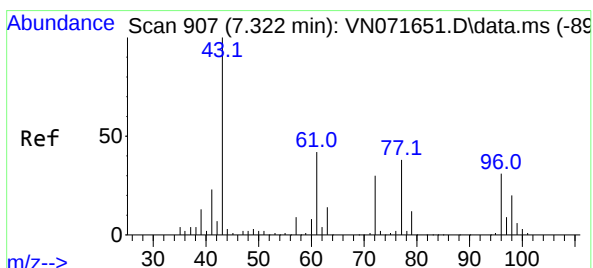
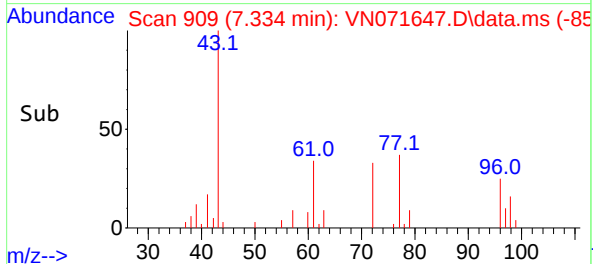
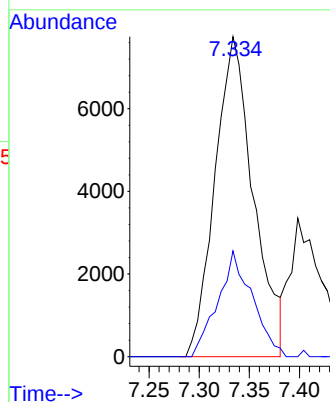
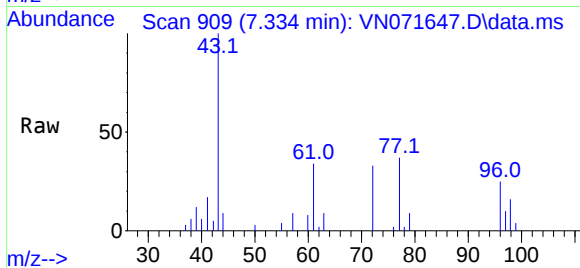
VSTDICC001

Tgt Ion: 43 Resp: 20664

Ion Ratio Lower Upper

43 100

72 33.0 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.962 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.012 min

Lab File: VN071647.D

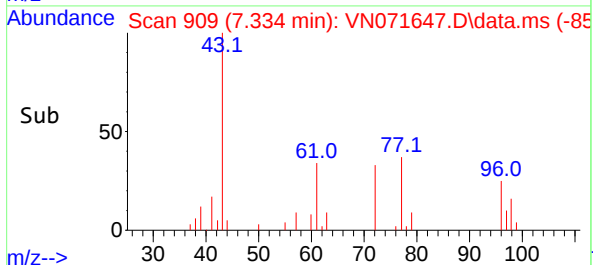
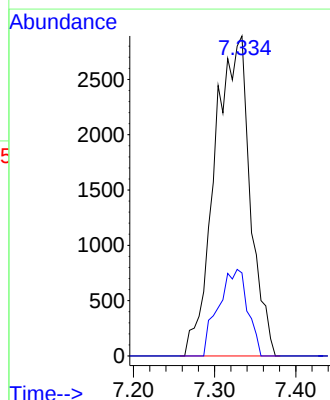
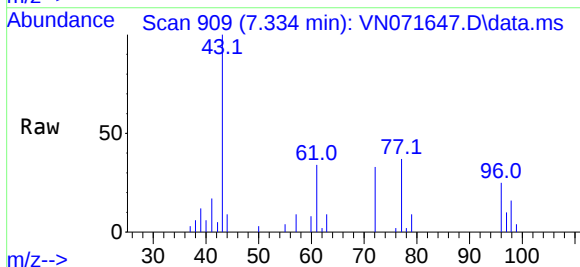
Acq: 30 Mar 2022 09:54

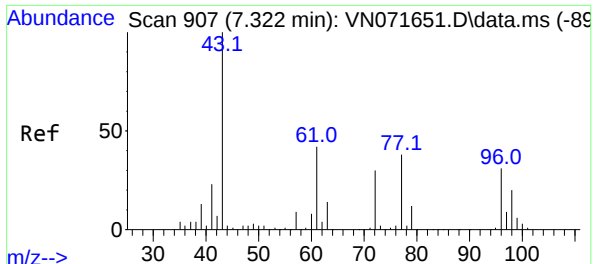
Tgt Ion: 77 Resp: 8759

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2

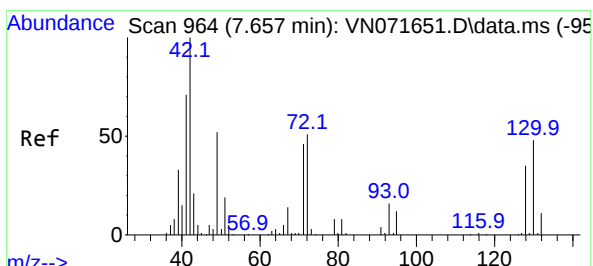
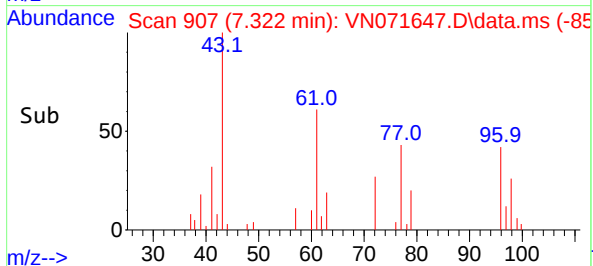
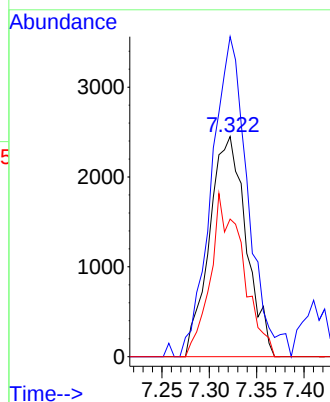
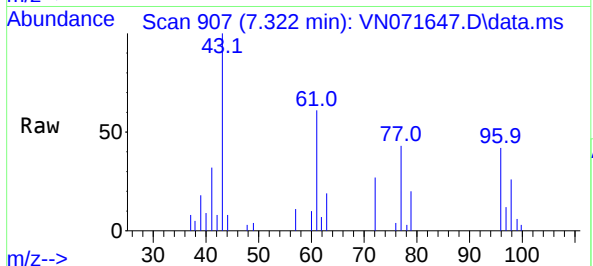




#27  
cis-1,2-Dichloroethene  
Concen: 0.964 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

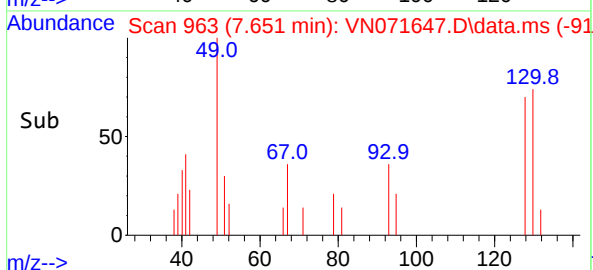
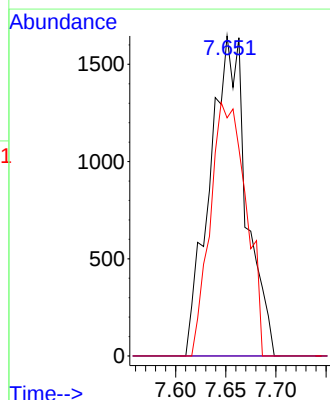
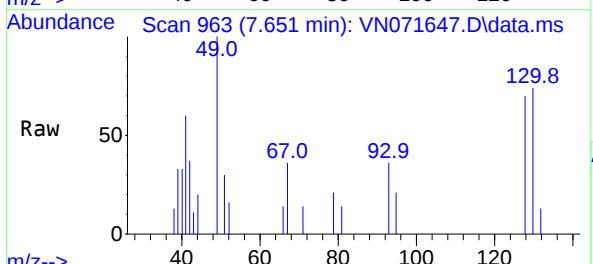
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

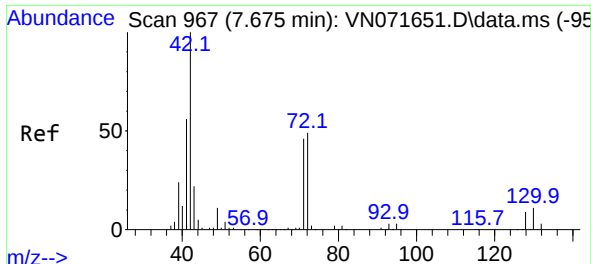
|             |            |       |       |
|-------------|------------|-------|-------|
| Tgt Ion: 96 | Resp: 6615 |       |       |
| Ion         | Ratio      | Lower | Upper |
| 96          | 100        |       |       |
| 61          | 143.8      | 0.0   | 280.6 |
| 98          | 65.4       | 0.0   | 128.4 |



#28  
Bromochloromethane  
Concen: 1.000 ug/l  
RT: 7.651 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 49 | Resp: 4195 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 49 100      |            |       |  |
| 129 0.0     | 0.0        | 4.6   |  |
| 130 77.2    | 69.7       | 104.5 |  |





#29

Tetrahydrofuran

Concen: 4.216 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

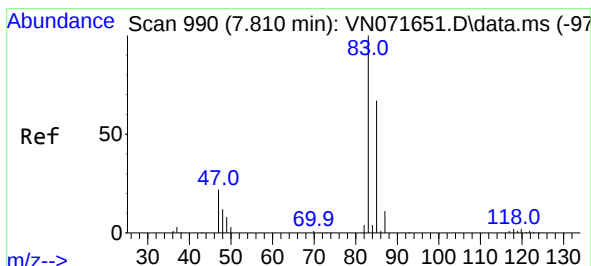
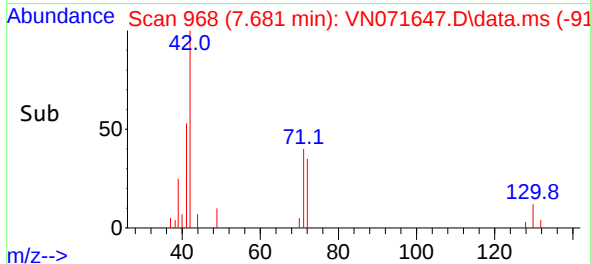
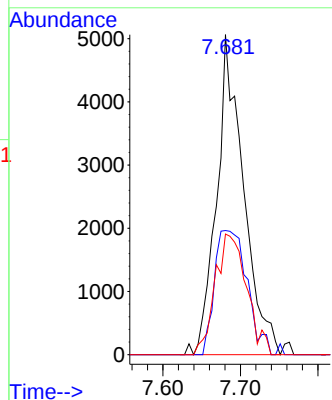
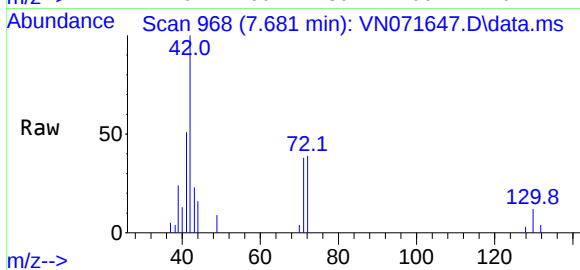
Tgt Ion: 42 Resp: 12223

Ion Ratio Lower Upper

42 100

72 46.9 39.7 59.5

71 44.0 36.6 55.0



#30

Chloroform

Concen: 1.041 ug/l

RT: 7.804 min Scan# 989

Delta R.T. -0.006 min

Lab File: VN071647.D

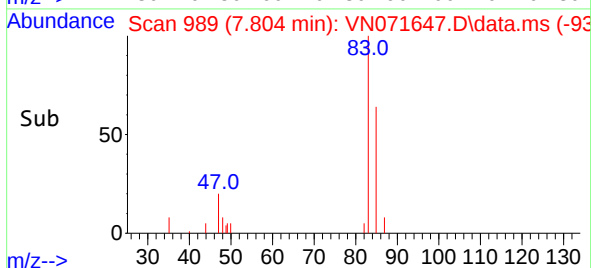
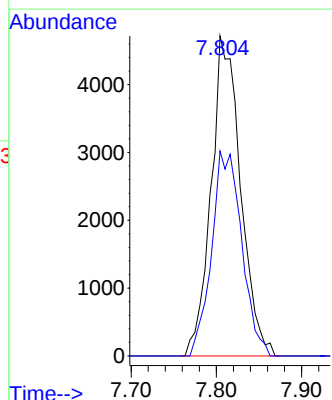
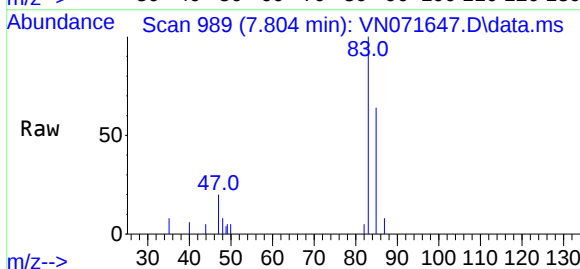
Acq: 30 Mar 2022 09:54

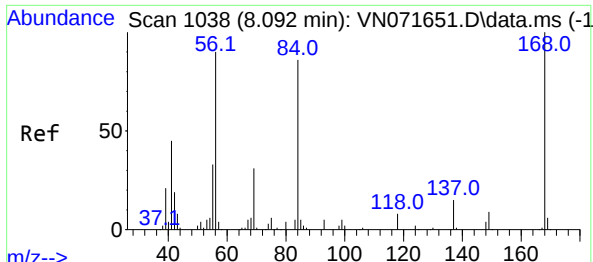
Tgt Ion: 83 Resp: 11322

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

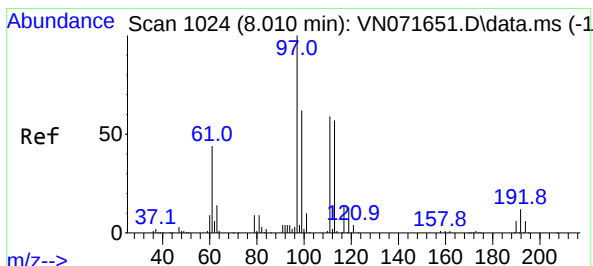
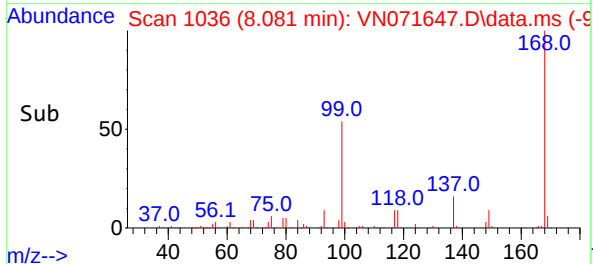
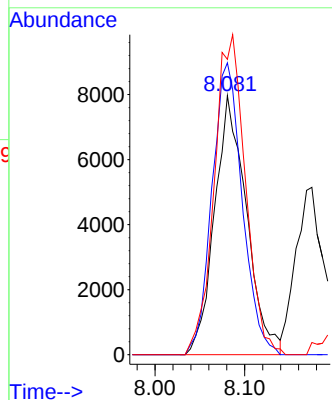
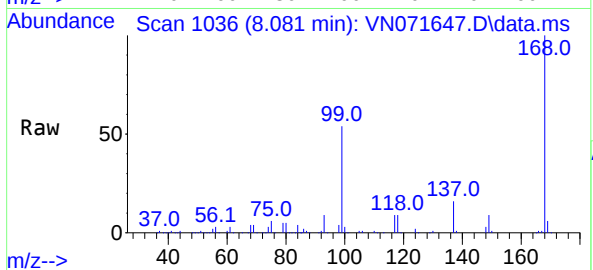




#31  
Cyclohexane  
Concen: 2.032 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

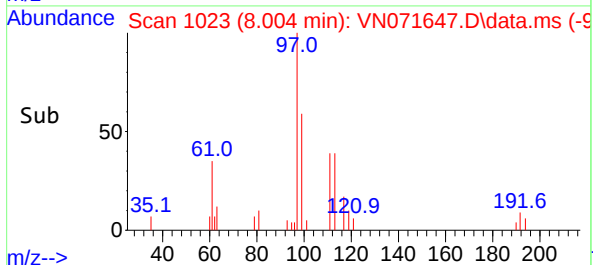
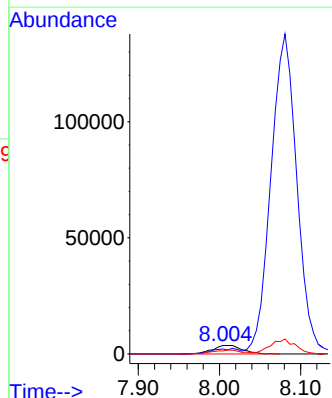
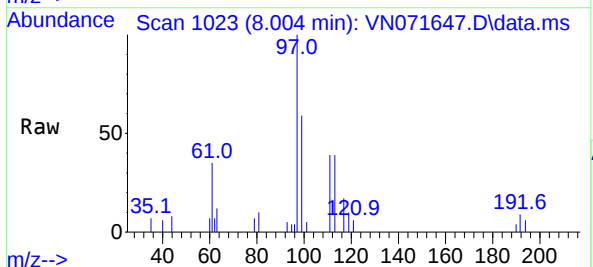
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

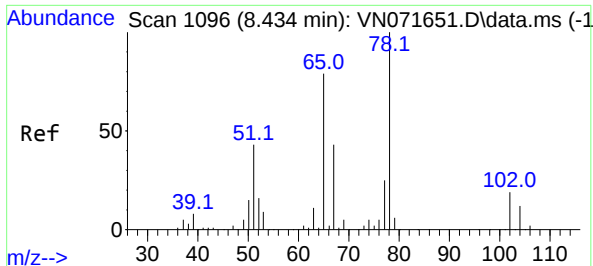
Tgt Ion: 56 Resp: 19671  
Ion Ratio Lower Upper  
56 100  
69 112.6 27.8 41.8#  
84 114.0 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 1.002 ug/l  
RT: 8.004 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 97 Resp: 9435  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.6 76.0#  
61 43.3 36.0 54.0

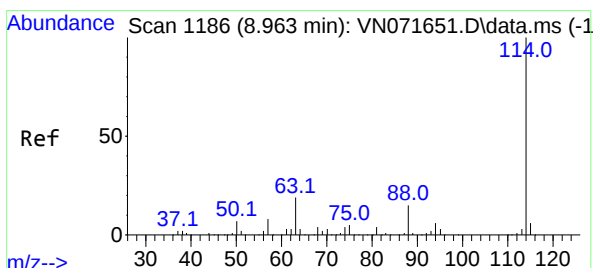
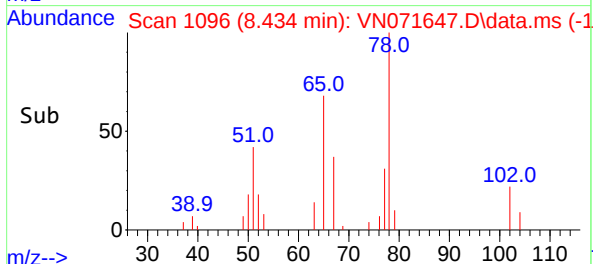
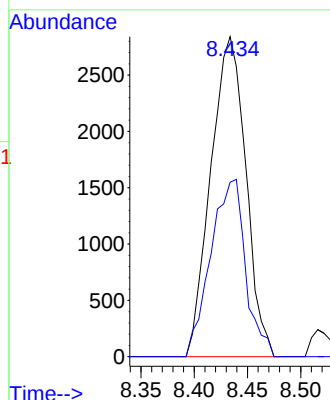
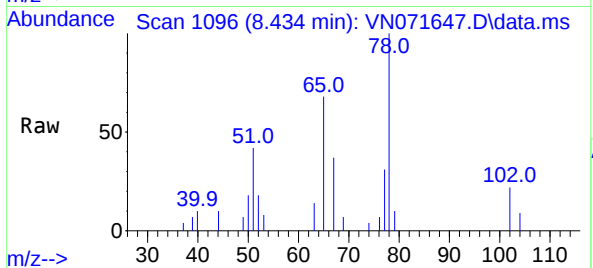




#33  
1,2-Dichloroethane-d4  
Concen: 0.938 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

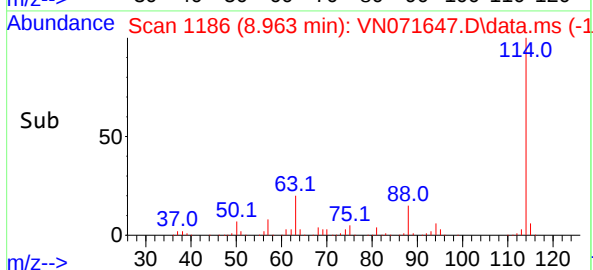
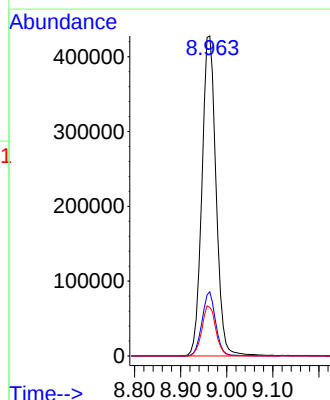
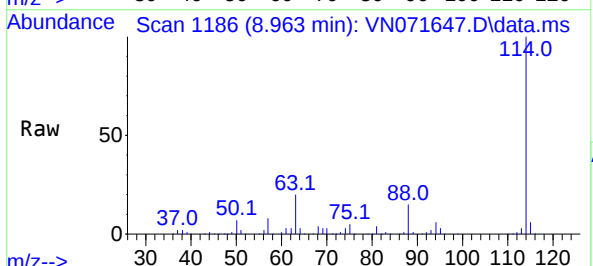
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

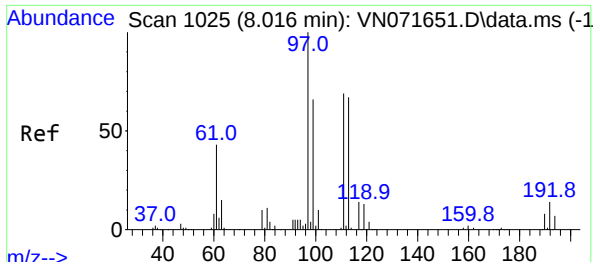
Tgt Ion: 65 Resp: 6501  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 114 Resp: 915111  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 40.0  
88 15.2 0.0 32.6

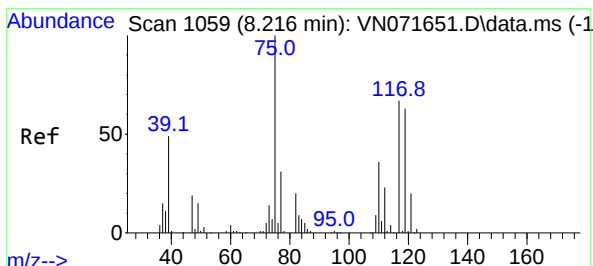
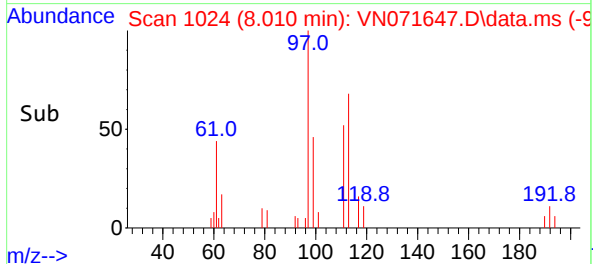
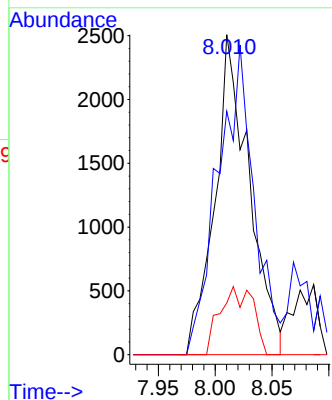
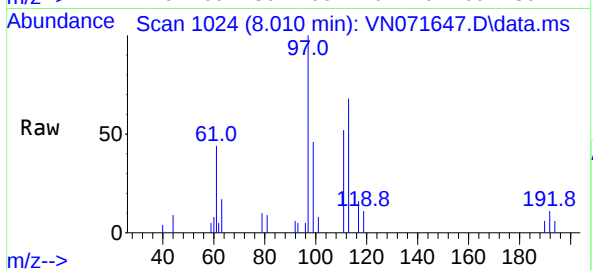




#35  
Dibromofluoromethane  
Concen: 0.945 ug/l  
RT: 8.010 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

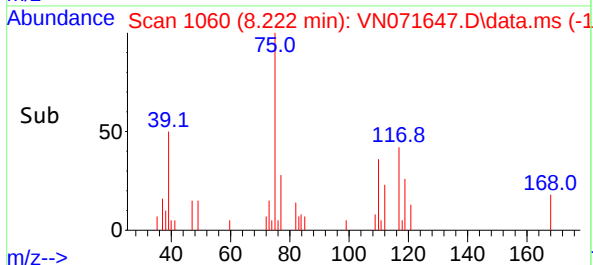
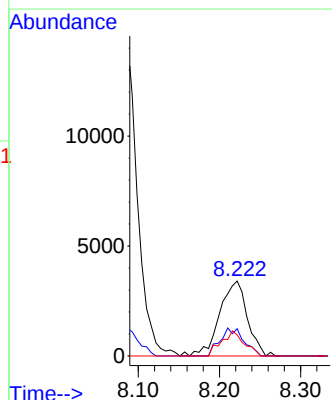
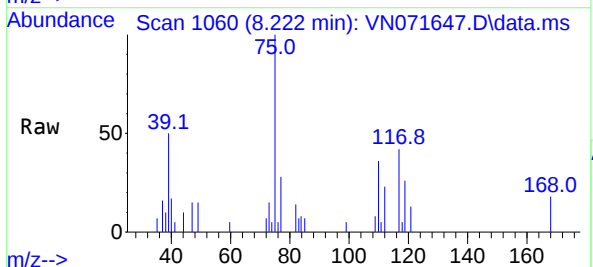
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

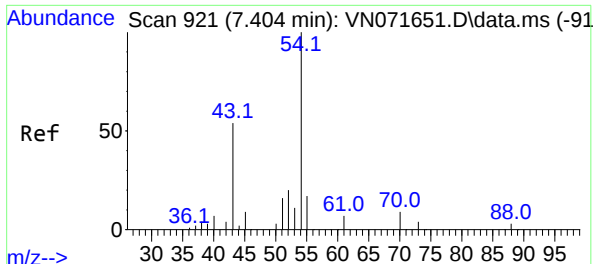
Tgt Ion:113 Resp: 5265  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.4 122.0  
192 20.5 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 1.006 ug/l  
RT: 8.222 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 75 Resp: 8089  
Ion Ratio Lower Upper  
75 100  
110 32.0 18.3 54.8  
77 27.4 25.1 37.7





#37

Ethyl Acetate

Concen: 0.917 ug/l

RT: 7.398 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

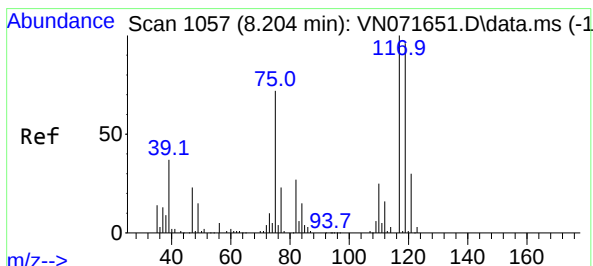
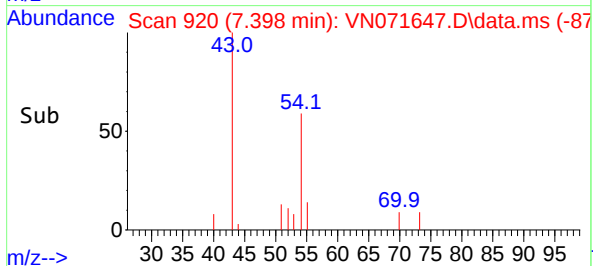
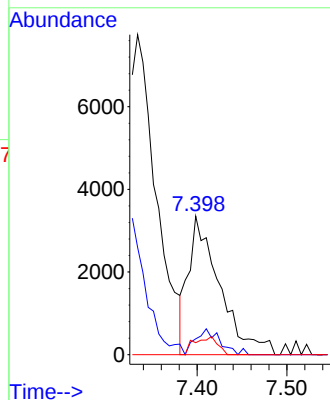
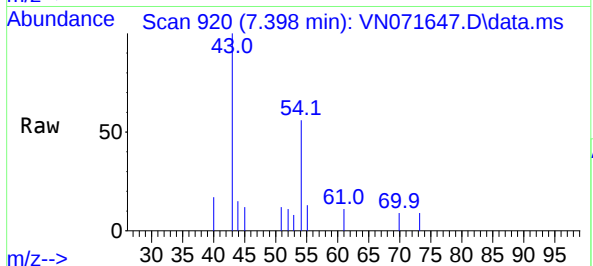
Tgt Ion: 43 Resp: 8118

Ion Ratio Lower Upper

43 100

61 14.7 11.8 17.6

70 9.6 9.3 13.9



#38

Carbon Tetrachloride

Concen: 0.956 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

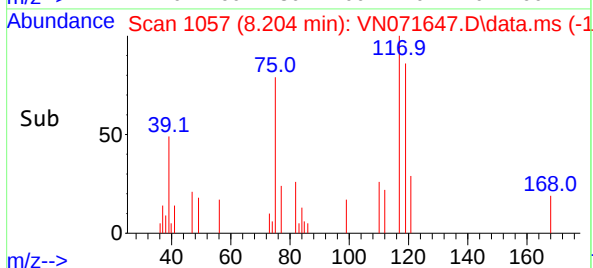
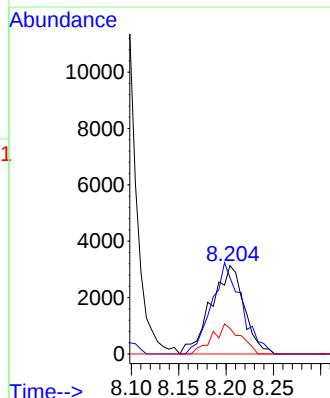
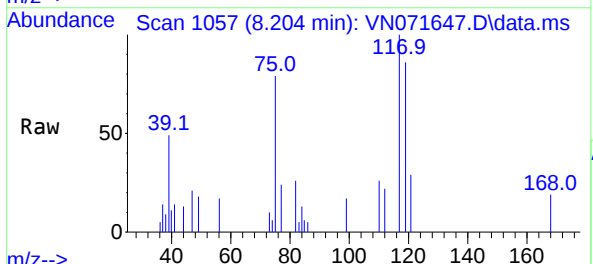
Tgt Ion: 117 Resp: 7604

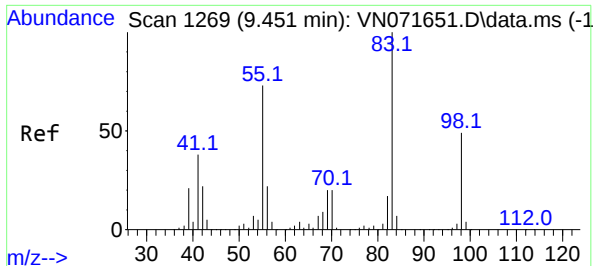
Ion Ratio Lower Upper

117 100

119 86.3 75.8 113.8

121 29.0 24.6 37.0





#39

Methylcyclohexane

Concen: 0.871 ug/l

RT: 9.451 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

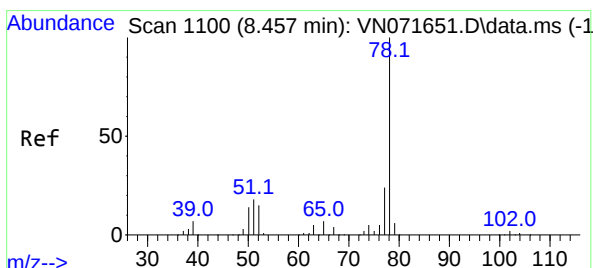
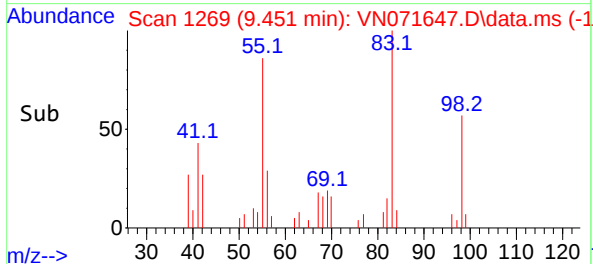
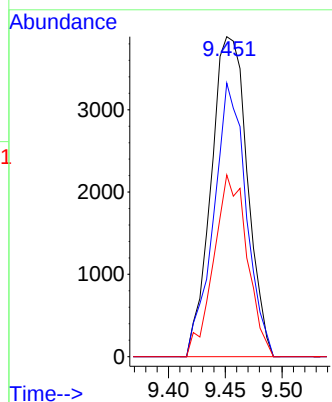
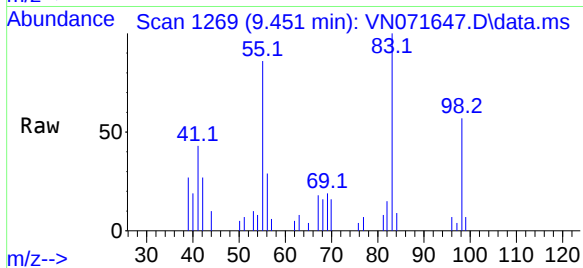
Tgt Ion: 83 Resp: 8641

Ion Ratio Lower Upper

83 100

55 85.5 57.8 86.8

98 56.8 39.4 59.2



#40

Benzene

Concen: 1.019 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071647.D

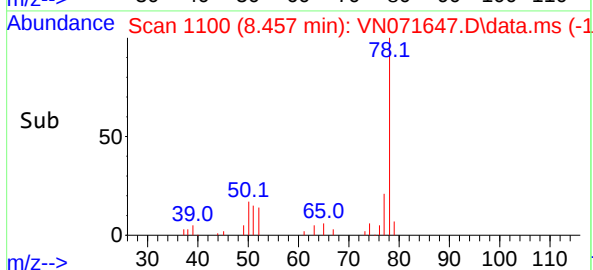
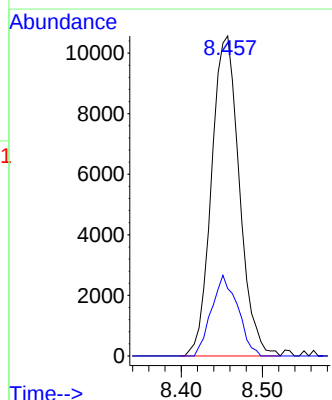
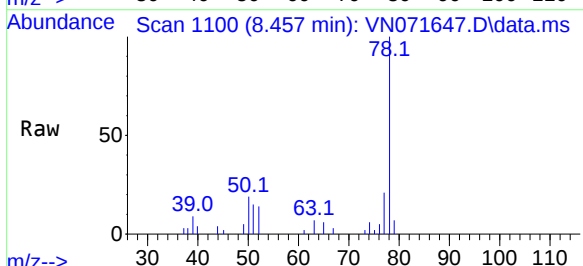
Acq: 30 Mar 2022 09:54

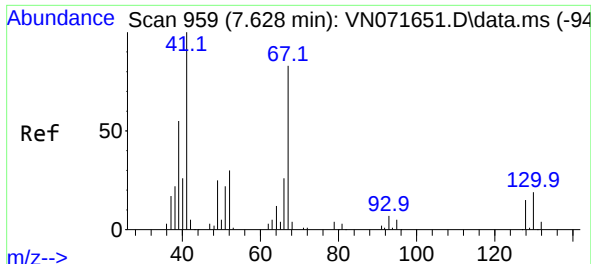
Tgt Ion: 78 Resp: 25174

Ion Ratio Lower Upper

78 100

77 21.1 19.4 29.0

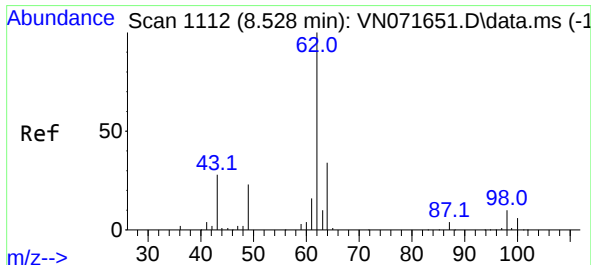
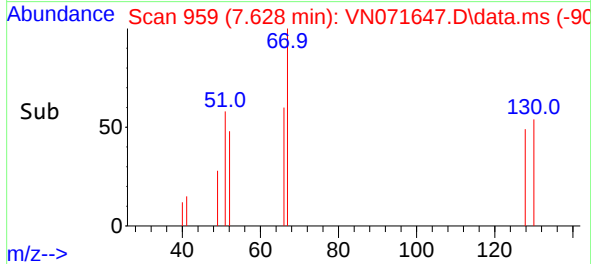
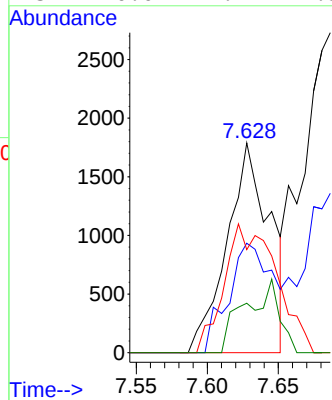
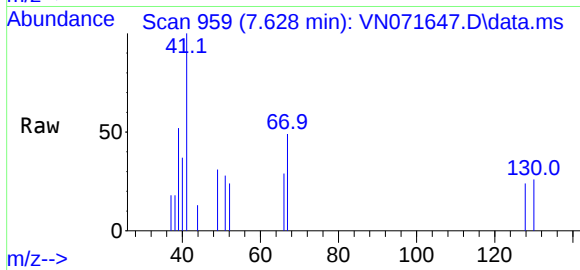




#41  
Methacrylonitrile  
Concen: 0.872 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

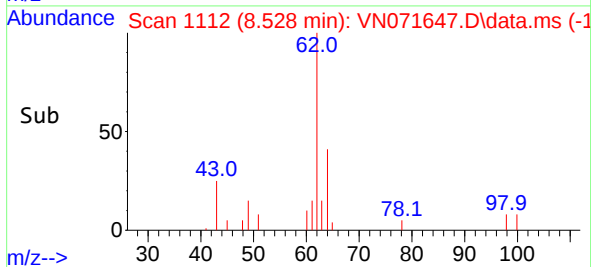
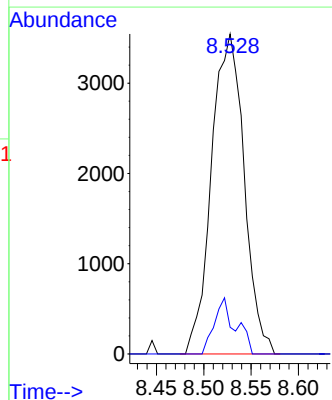
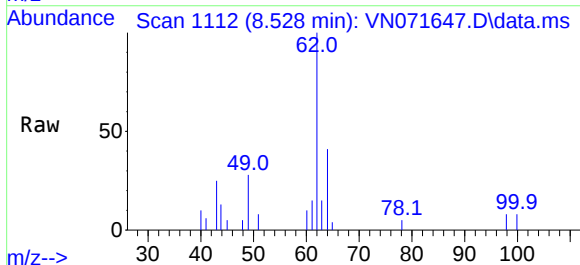
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

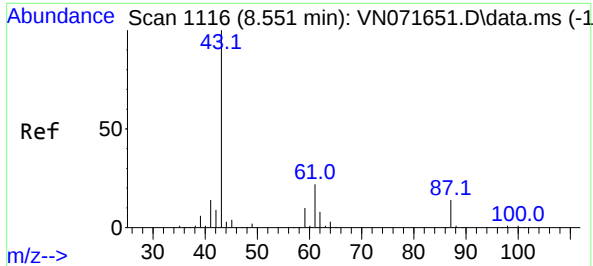
Tgt Ion: 41 Resp: 3739  
Ion Ratio Lower Upper  
41 100  
39 53.8 48.6 73.0  
67 74.6 73.4 110.2  
52 0.0 27.7 41.5#



#42  
1,2-Dichloroethane  
Concen: 0.995 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 62 Resp: 8490  
Ion Ratio Lower Upper  
62 100  
98 11.4 0.0 19.4

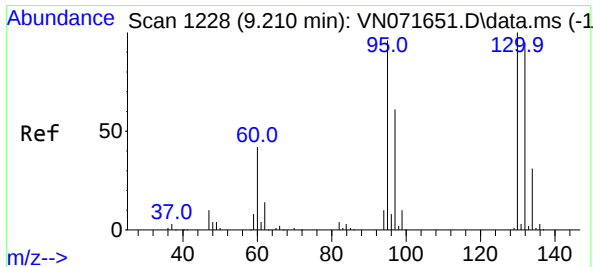
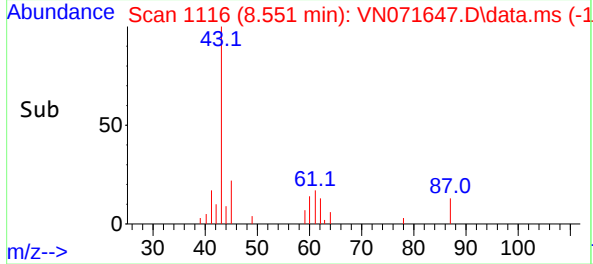
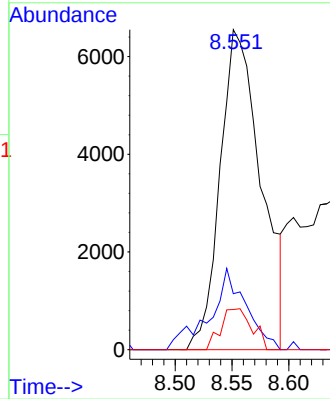
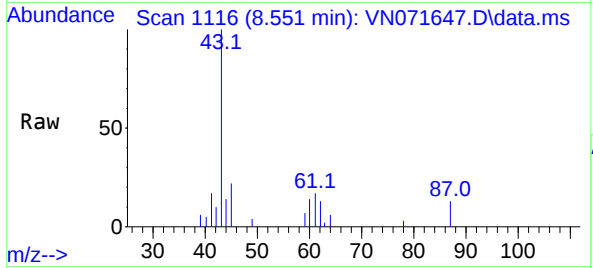




#43  
Isopropyl Acetate  
Concen: 1.057 ug/l  
RT: 8.551 min Scan# 1116  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

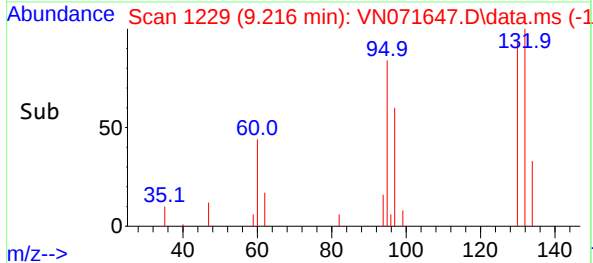
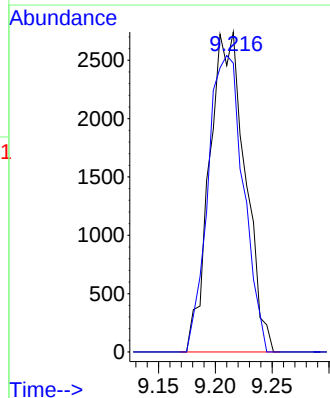
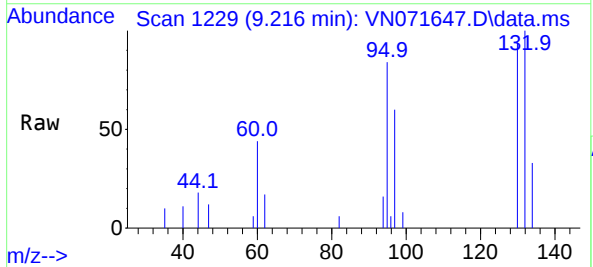
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

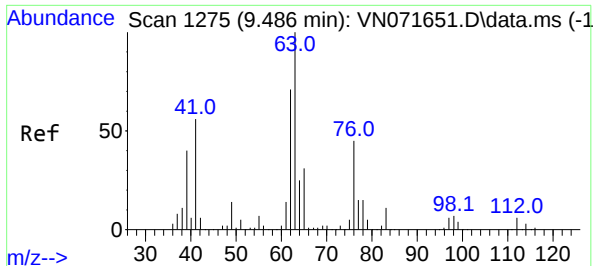
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 16459    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 22.5 21.9 32.9 |
| 87          | 9.7 12.0 18.0  |



#44  
Trichloroethene  
Concen: 0.921 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 5994     |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 90.3 0.0 186.8 |

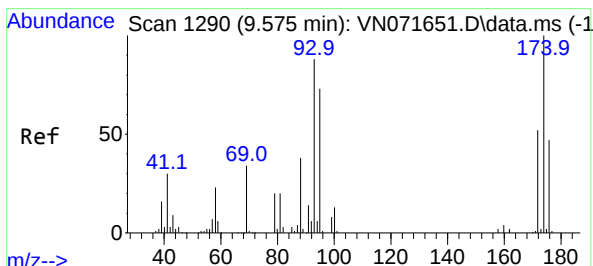
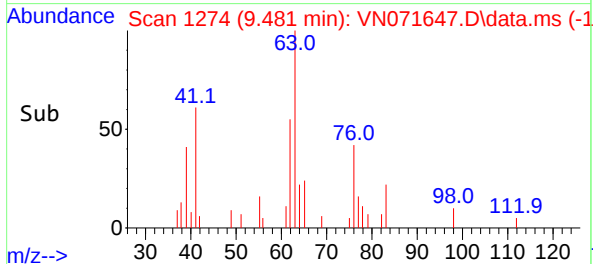
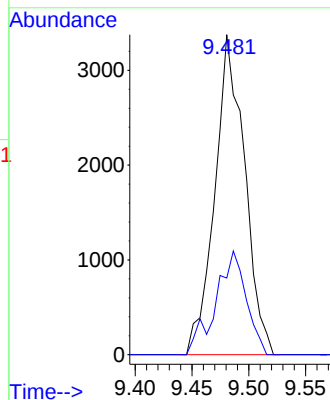
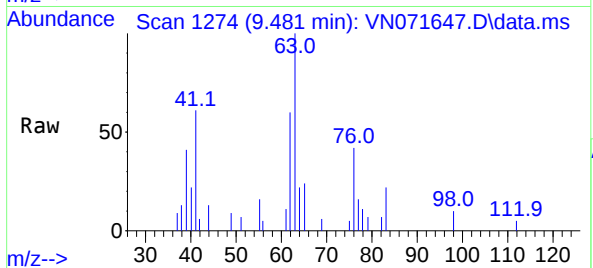




#45  
1,2-Dichloropropane  
Concen: 1.012 ug/l  
RT: 9.481 min Scan# 1274  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

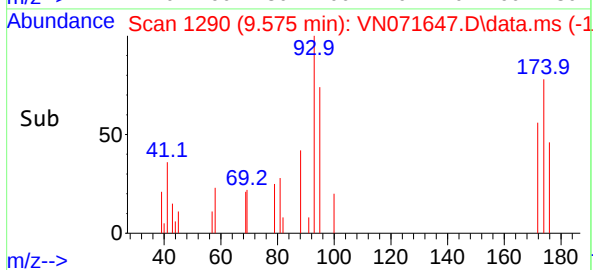
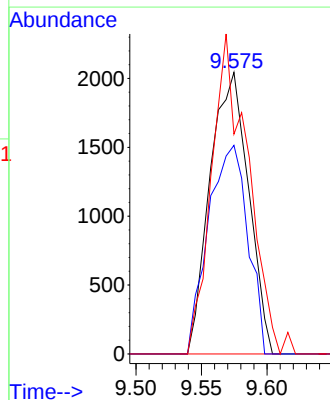
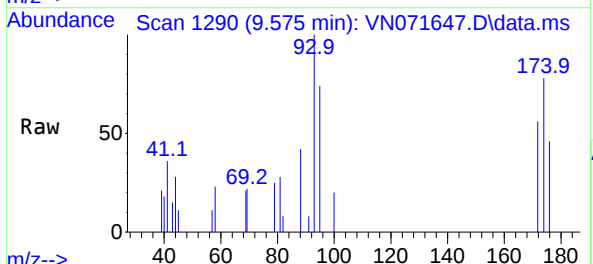
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

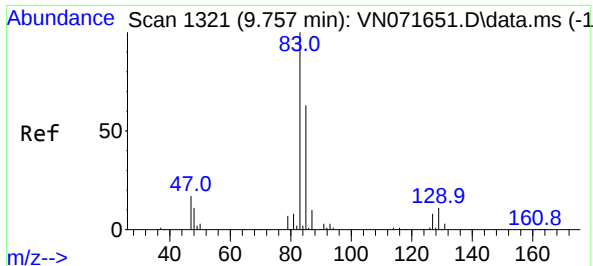
Tgt Ion: 63 Resp: 6173  
Ion Ratio Lower Upper  
63 100  
65 24.0 24.9 37.3#



#46  
Dibromomethane  
Concen: 1.001 ug/l  
RT: 9.575 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 93 Resp: 4174  
Ion Ratio Lower Upper  
93 100  
95 75.9 66.9 100.3  
174 108.0 86.6 130.0

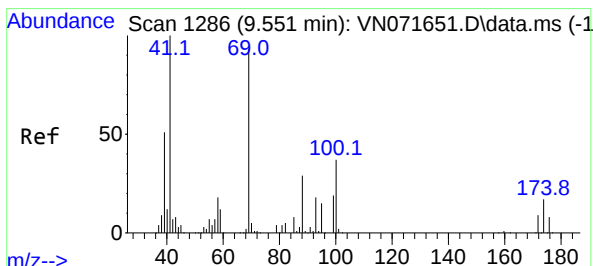
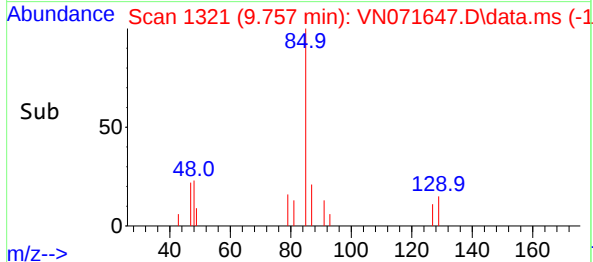
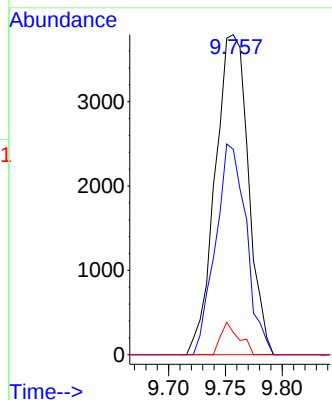
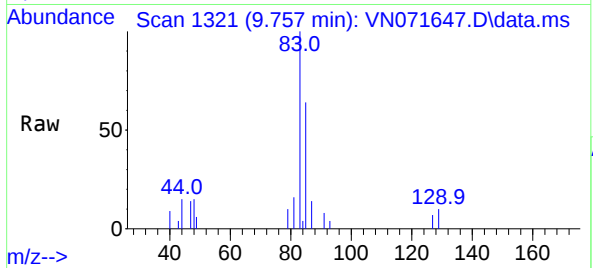




#47  
Bromodichloromethane  
Concen: 0.937 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

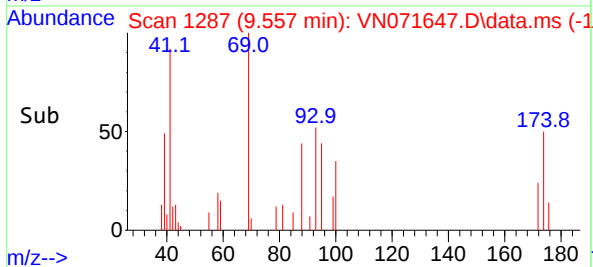
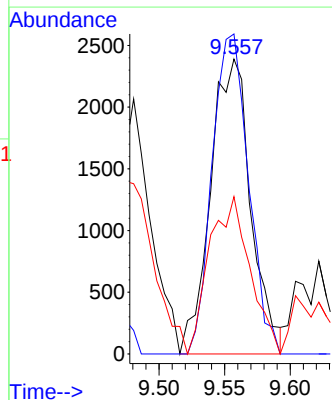
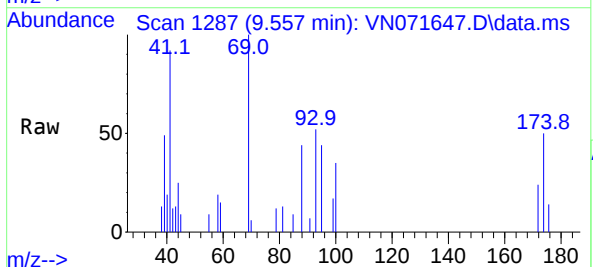
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

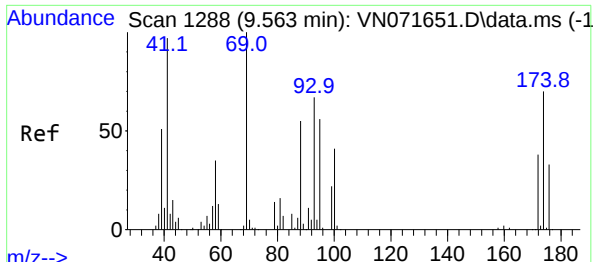
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7705  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 50.5  | 75.7  |
| 127      | 6.9   | 6.8   | 10.2  |



#48  
Methyl methacrylate  
Concen: 0.816 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 5122  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 97.7  | 74.7  | 112.1 |
| 39       | 53.4  | 45.6  | 68.4  |

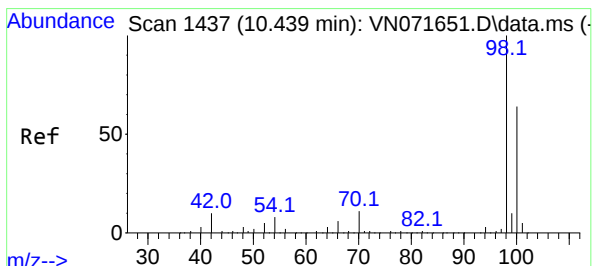
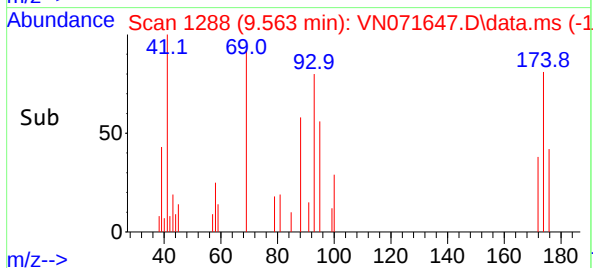
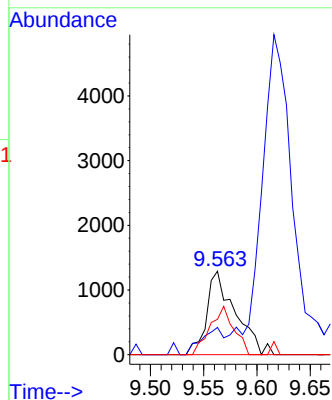
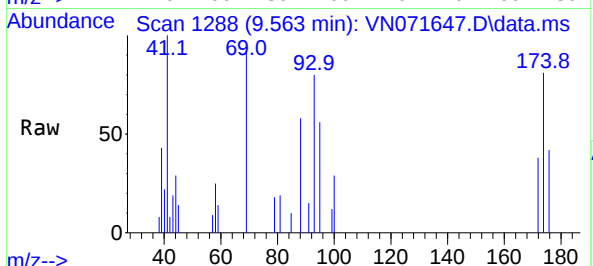




#49  
1,4-Dioxane  
Concen: 17.336 ug/l  
RT: 9.563 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

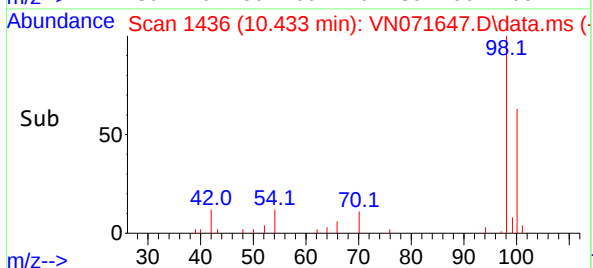
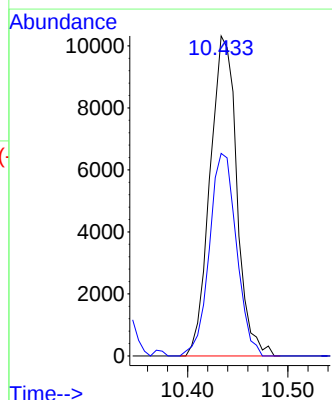
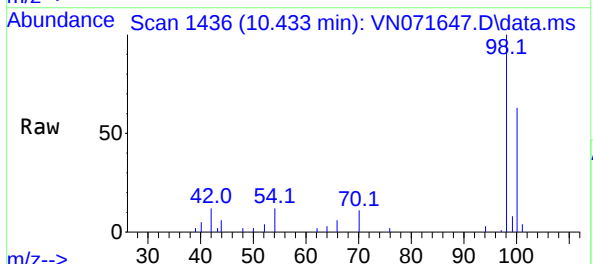
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

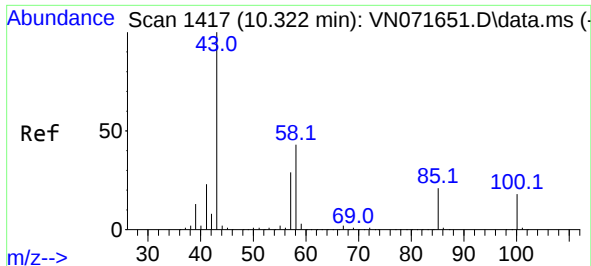
Tgt Ion: 88 Resp: 2427  
Ion Ratio Lower Upper  
88 100  
43 24.4 20.2 30.4  
58 48.0 54.2 81.4#



#50  
Toluene-d8  
Concen: 0.831 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 98 Resp: 19112  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.6 78.8

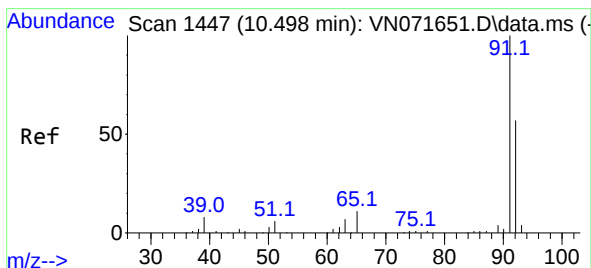
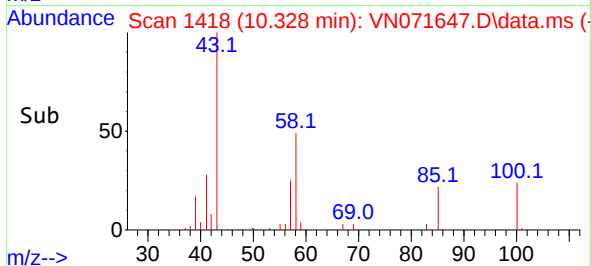
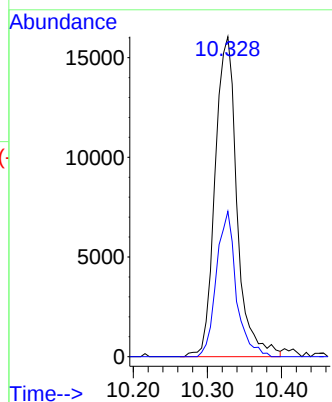
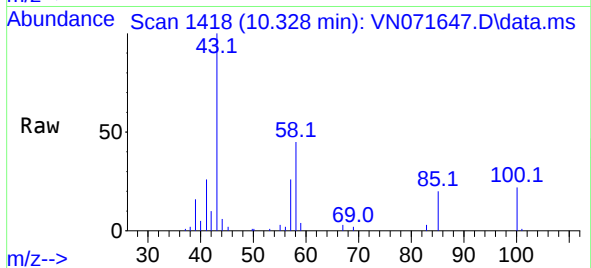




#51  
4-Methyl-2-Pentanone  
Concen: 3.818 ug/l  
RT: 10.328 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

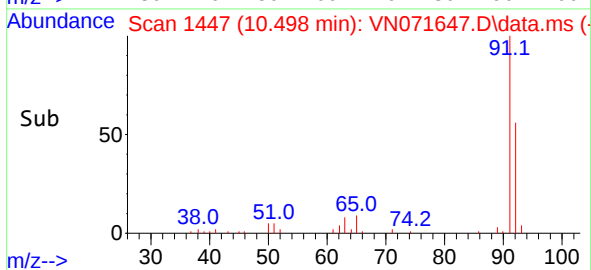
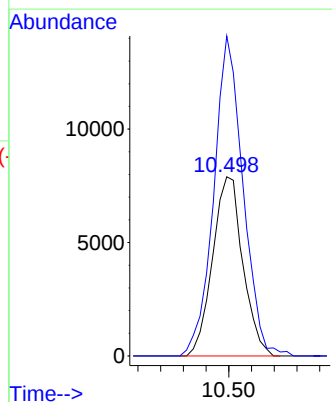
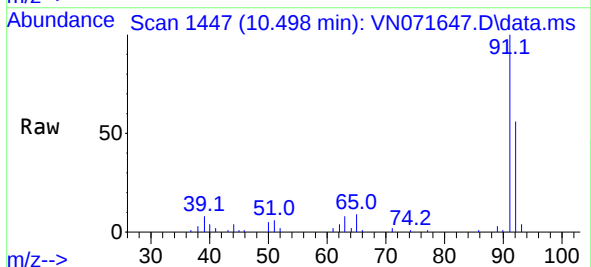
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

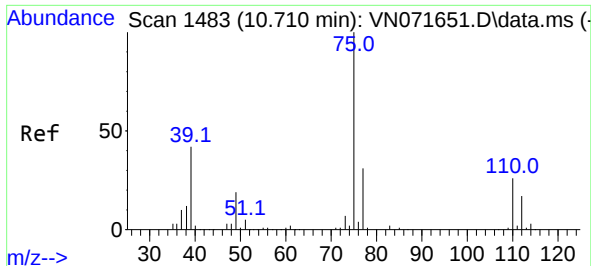
Tgt Ion: 43 Resp: 32982  
Ion Ratio Lower Upper  
43 100  
58 41.2 34.1 51.1



#52  
Toluene  
Concen: 0.916 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 92 Resp: 14584  
Ion Ratio Lower Upper  
92 100  
91 173.3 138.6 207.8

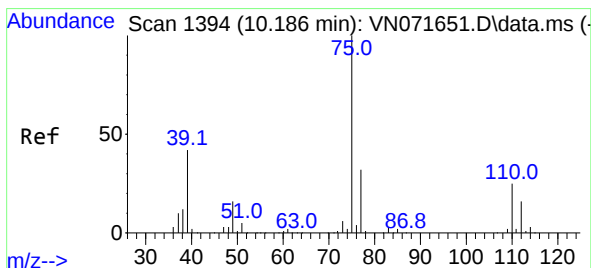
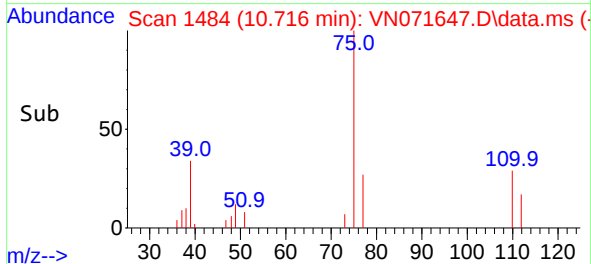
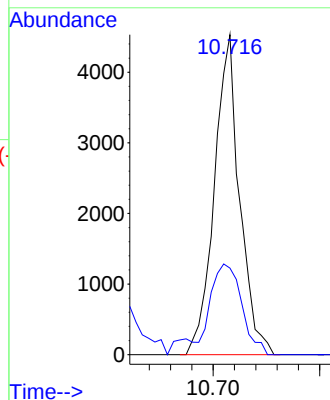
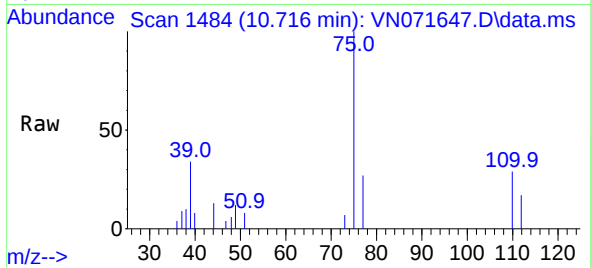




#53  
t-1,3-Dichloropropene  
Concen: 0.835 ug/l  
RT: 10.716 min Scan# 1483  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

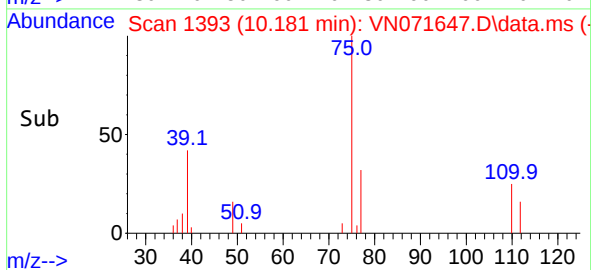
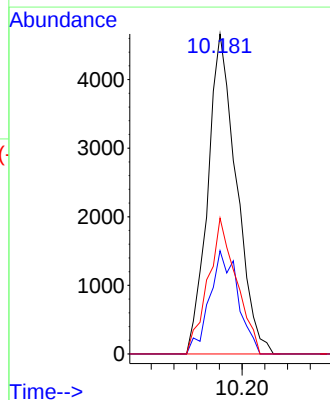
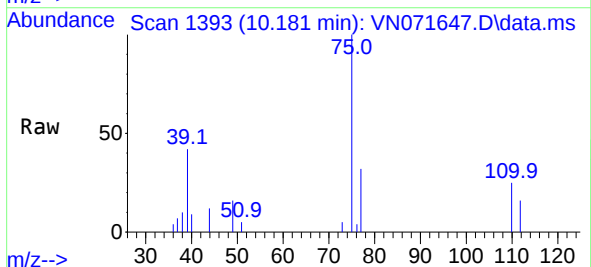
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

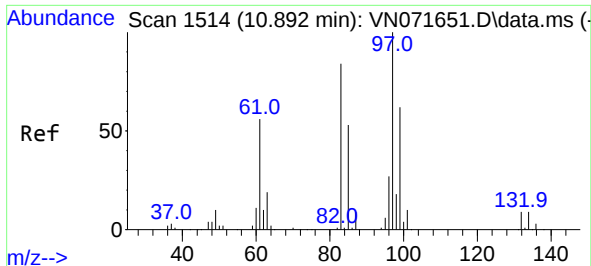
Tgt Ion: 75 Resp: 7463  
Ion Ratio Lower Upper  
75 100  
77 27.0 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 0.839 ug/l  
RT: 10.181 min Scan# 1393  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 75 Resp: 8157  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.2 37.8  
39 42.4 35.7 53.5



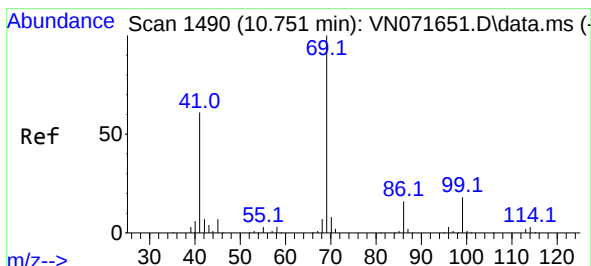
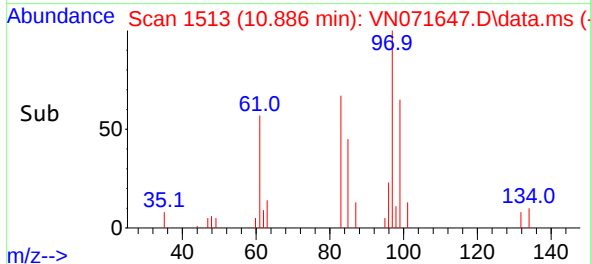
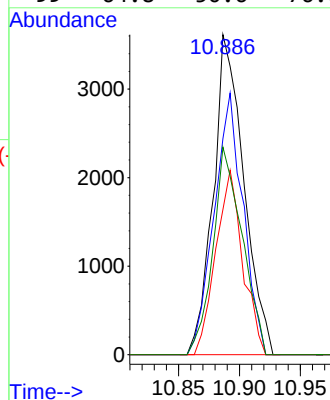
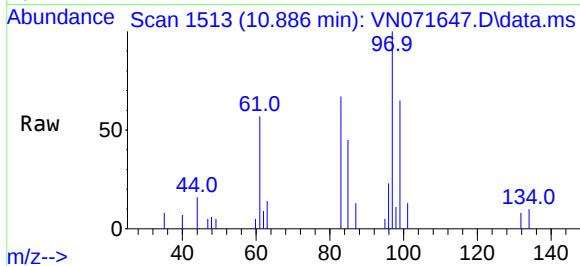


#55  
1,1,2-Trichloroethane  
Concen: 0.982 ug/l  
RT: 10.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 97 Resp: 6314

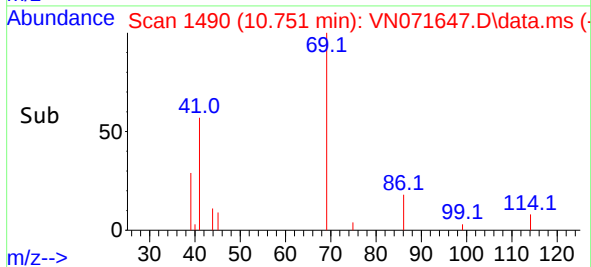
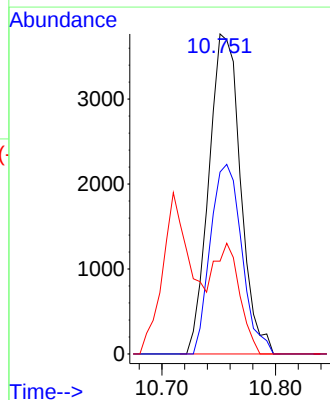
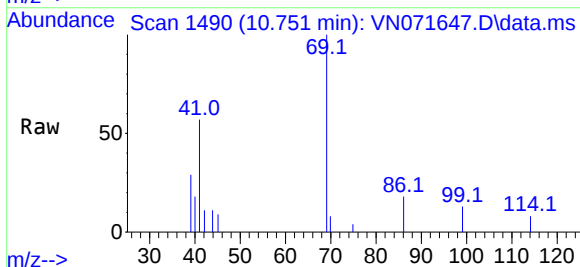
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 67.5  | 66.2  | 99.4  |
| 85  | 45.3  | 43.9  | 65.9  |
| 99  | 64.8  | 50.6  | 76.0  |

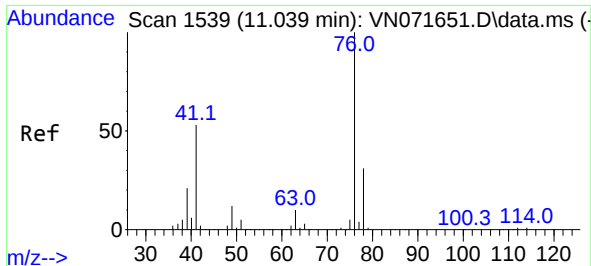


#56  
Ethyl methacrylate  
Concen: 0.762 ug/l  
RT: 10.751 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 69 Resp: 7294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.8  | 47.8  | 71.6  |
| 39  | 28.2  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 0.992 ug/l

RT: 11.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

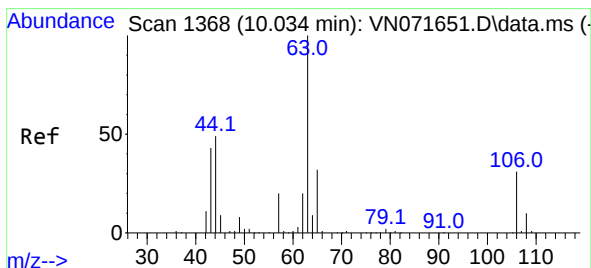
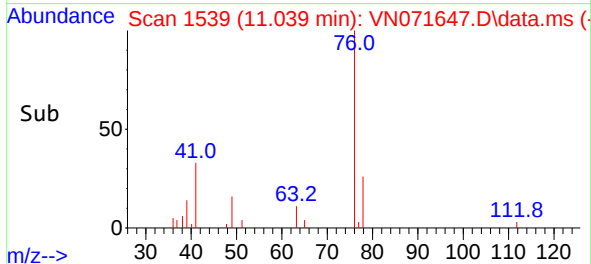
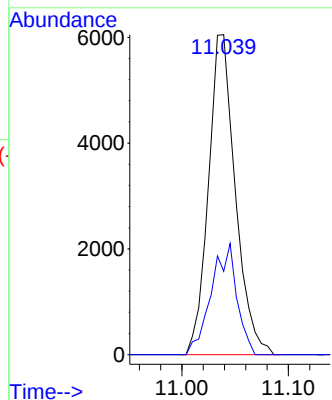
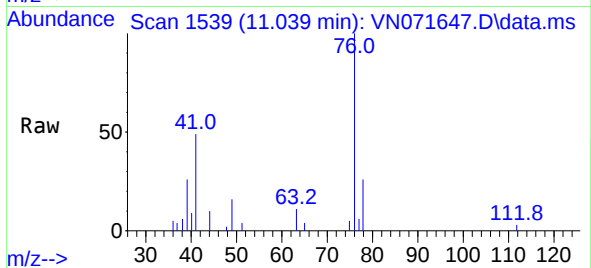
VSTDIC001

Tgt Ion: 76 Resp: 10626

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 2.547 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VN071647.D

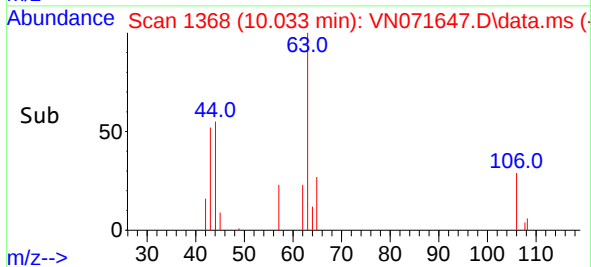
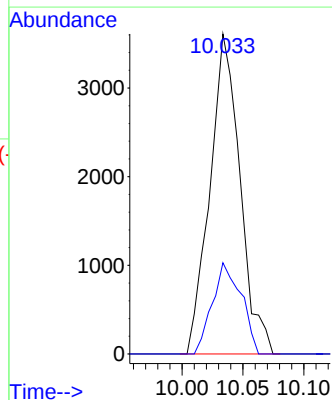
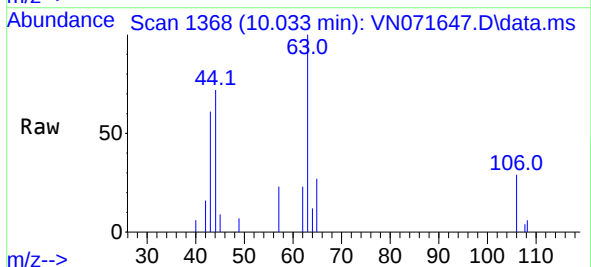
Acq: 30 Mar 2022 09:54

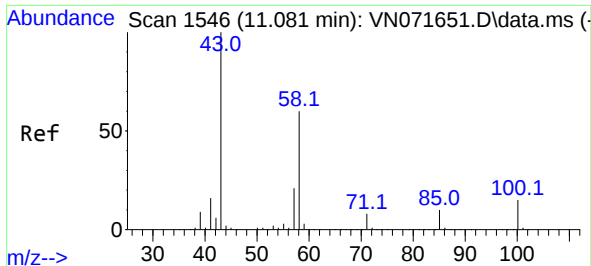
Tgt Ion: 63 Resp: 6213

Ion Ratio Lower Upper

63 100

106 27.3 24.6 36.8





#59

2-Hexanone

Concen: 3.713 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

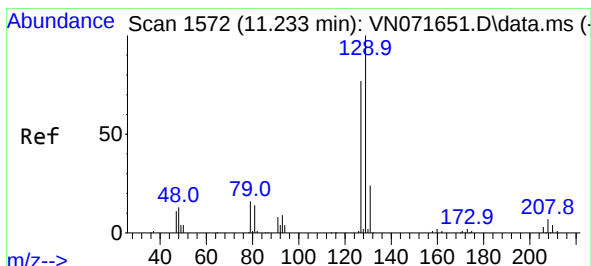
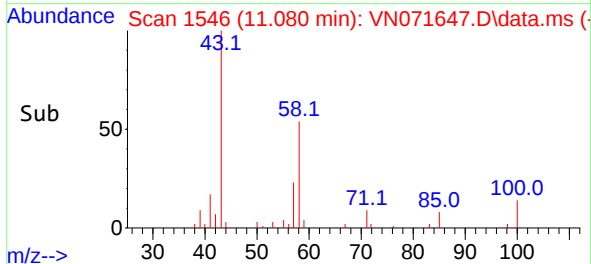
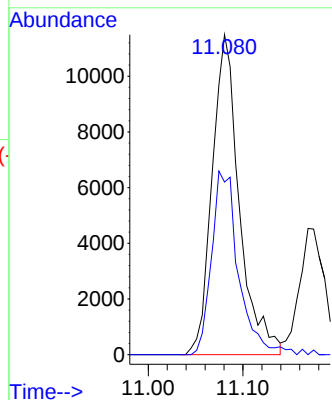
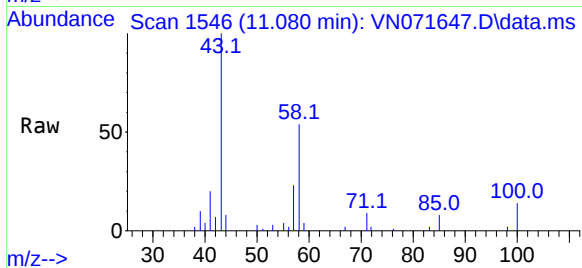
VSTDIC001

Tgt Ion: 43 Resp: 22916

Ion Ratio Lower Upper

43 100

58 56.8 29.7 89.1



#60

Dibromochloromethane

Concen: 0.828 ug/l

RT: 11.239 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN071647.D

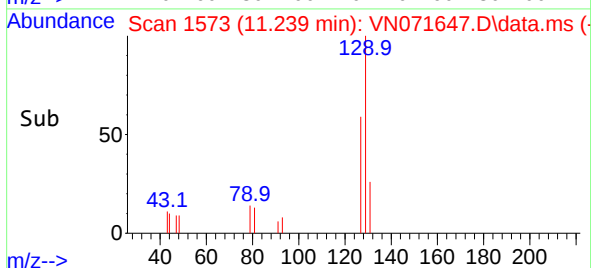
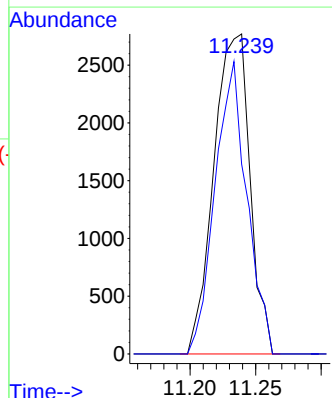
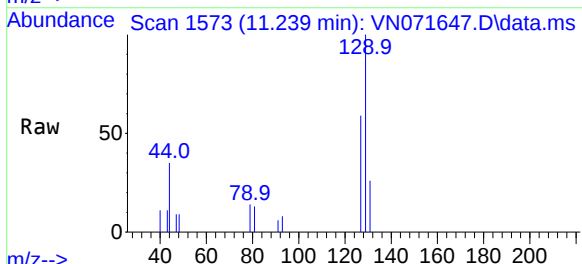
Acq: 30 Mar 2022 09:54

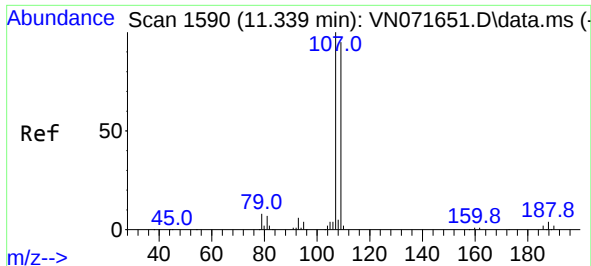
Tgt Ion: 129 Resp: 5319

Ion Ratio Lower Upper

129 100

127 80.4 38.8 116.4

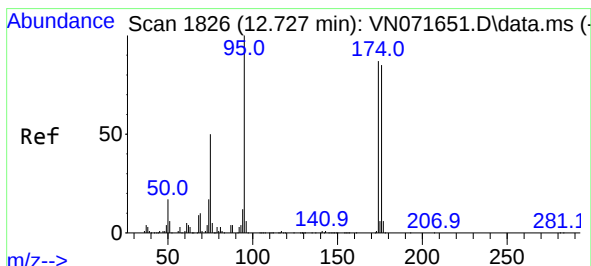
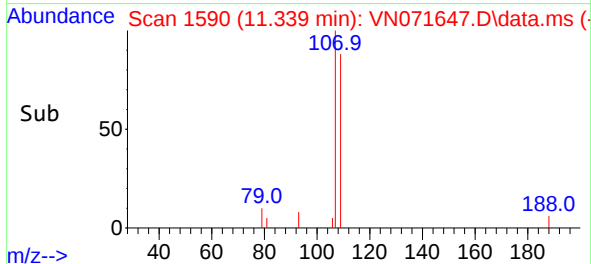
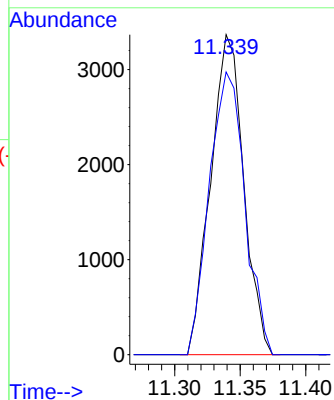
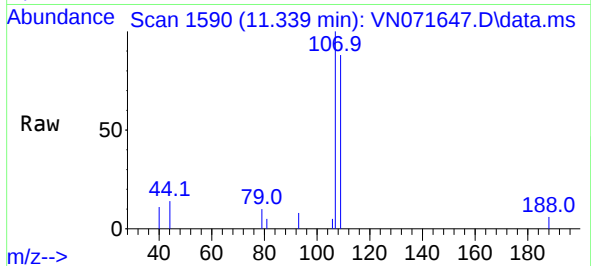




#61  
1,2-Dibromoethane  
Concen: 0.908 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

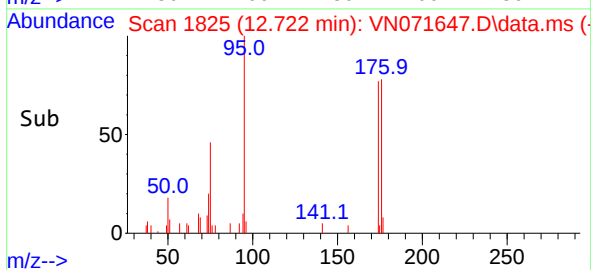
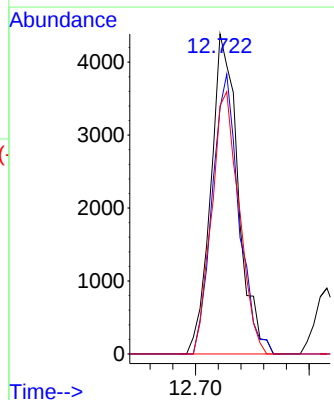
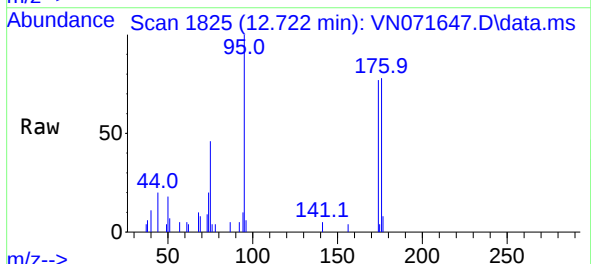
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

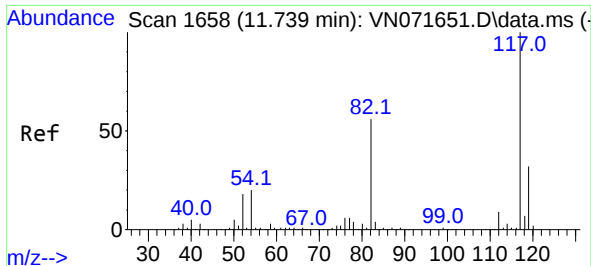
Tgt Ion:107 Resp: 5889  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 0.976 ug/l  
RT: 12.722 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 95 Resp: 7340  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 167.6  
176 82.0 0.0 163.4

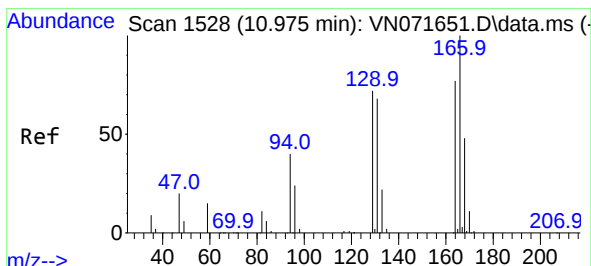
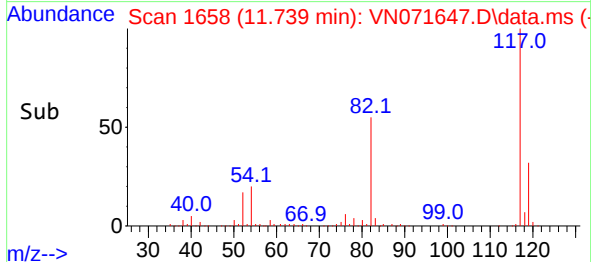
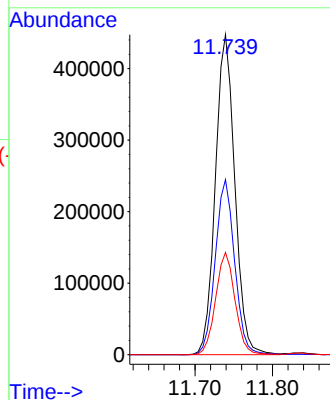
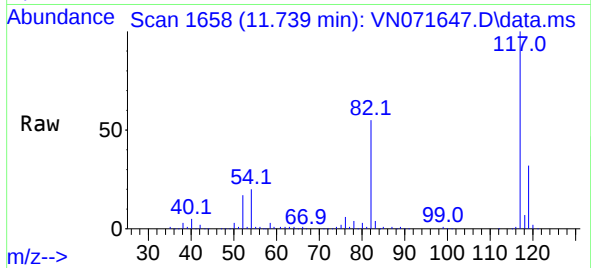




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

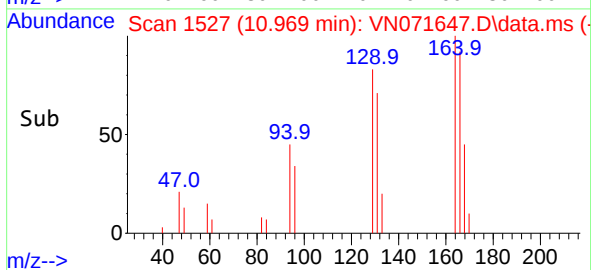
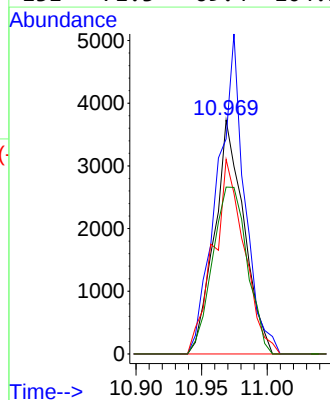
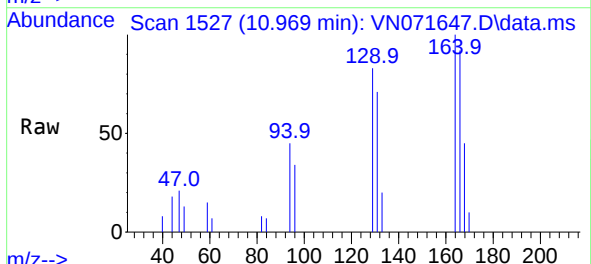
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

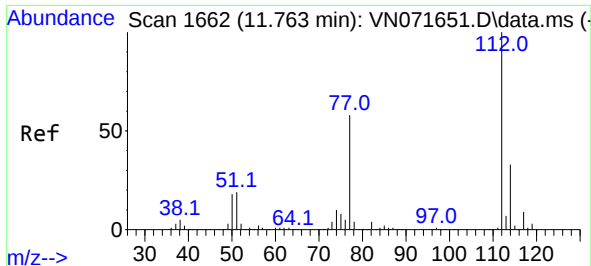
Tgt Ion:117 Resp: 780504  
Ion Ratio Lower Upper  
117 100  
82 54.7 44.2 66.2  
119 32.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 1.082 ug/l  
RT: 10.969 min Scan# 1527  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:164 Resp: 5814  
Ion Ratio Lower Upper  
164 100  
166 91.9 104.2 156.2#  
129 83.2 73.9 110.9  
131 71.3 69.4 104.2

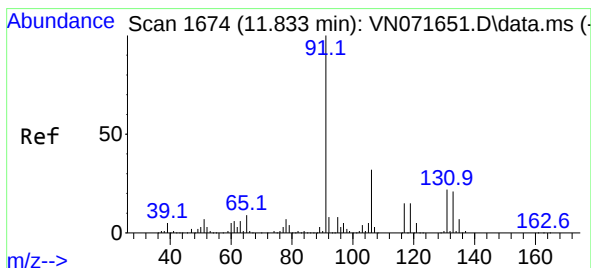
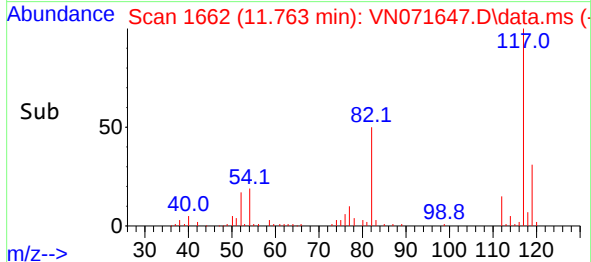
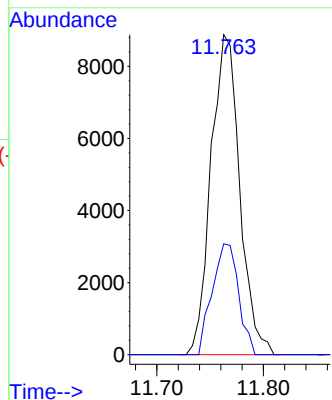
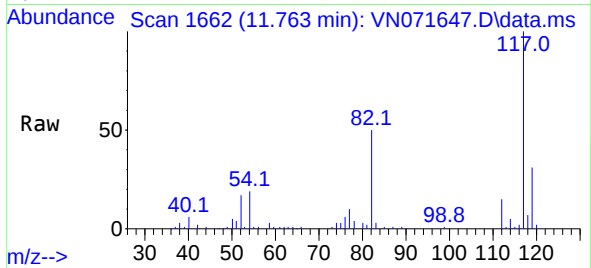




#65  
Chlorobenzene  
Concen: 1.024 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

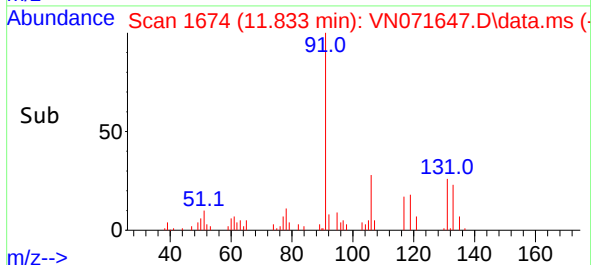
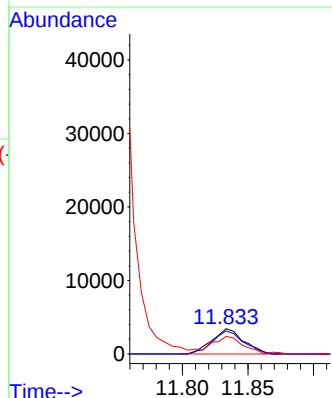
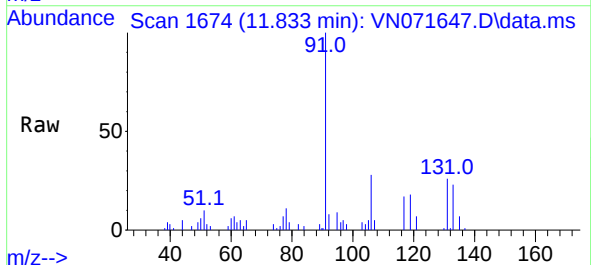
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

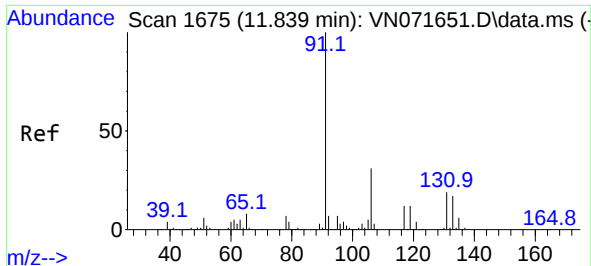
Tgt Ion:112 Resp: 16639  
Ion Ratio Lower Upper  
112 100  
114 34.7 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.975 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:131 Resp: 5682  
Ion Ratio Lower Upper  
131 100  
133 91.0 47.8 143.4  
119 0.0 33.4 100.2#

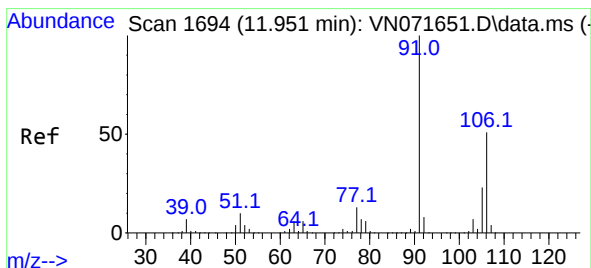
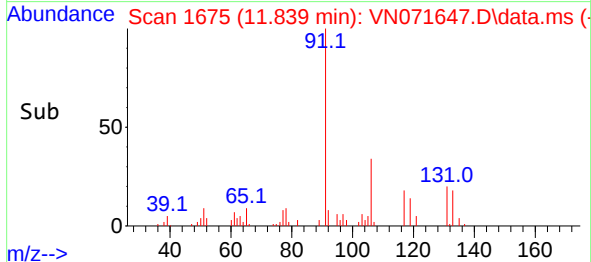
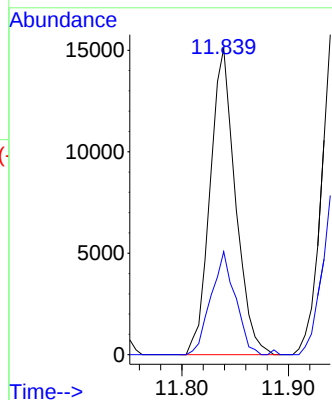
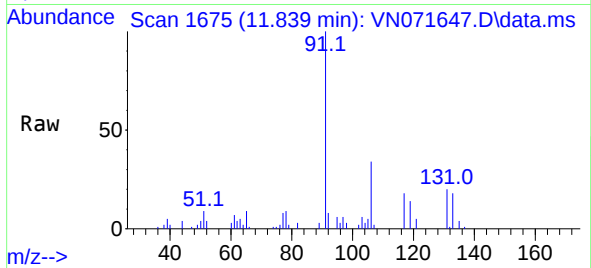




#67  
Ethyl Benzene  
Concen: 0.890 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

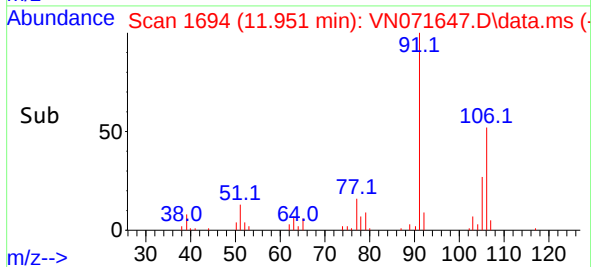
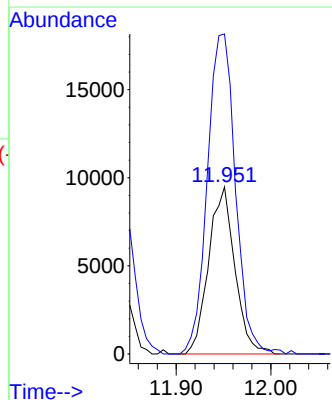
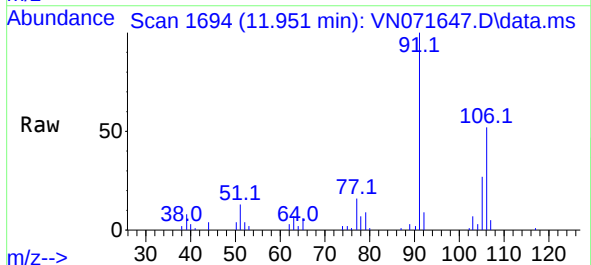
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MSVOA\_N  
ClientSampleId :  
VSTDIC001

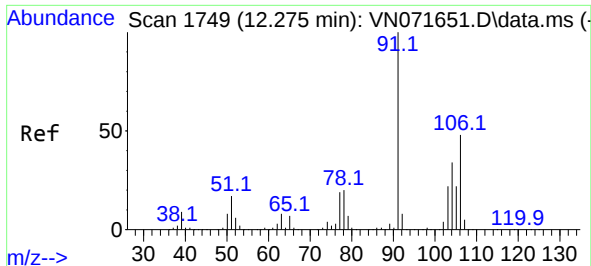
Tgt Ion: 91 Resp: 24946  
Ion Ratio Lower Upper  
91 100  
106 33.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 1.711 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 106 Resp: 18248  
Ion Ratio Lower Upper  
106 100  
91 205.6 158.9 238.3

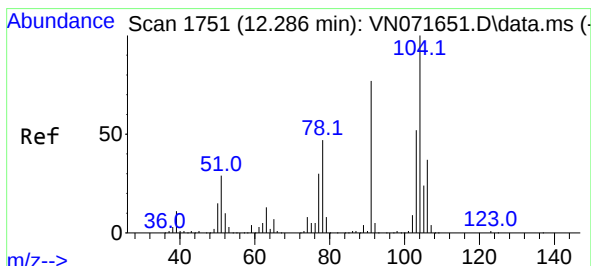
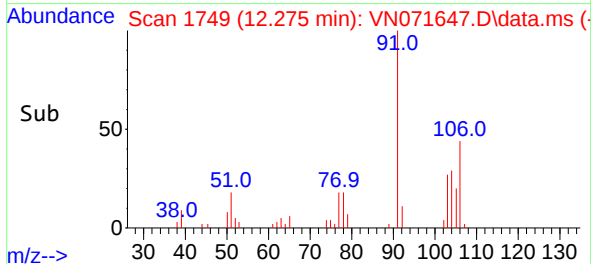
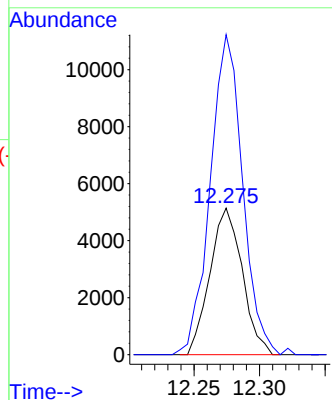
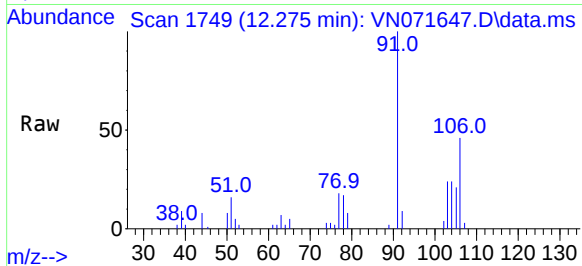




#69  
o-Xylene  
Concen: 0.824 ug/l  
RT: 12.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

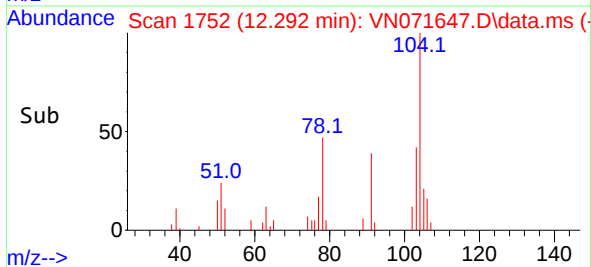
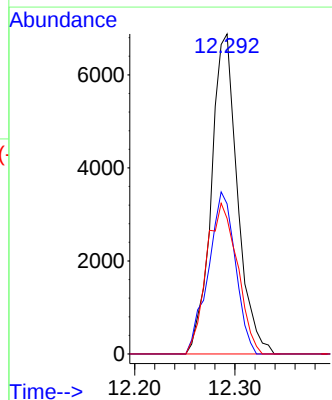
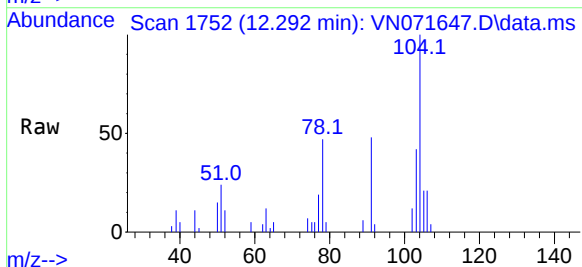
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ClientSampleId :  
VSTDICC001

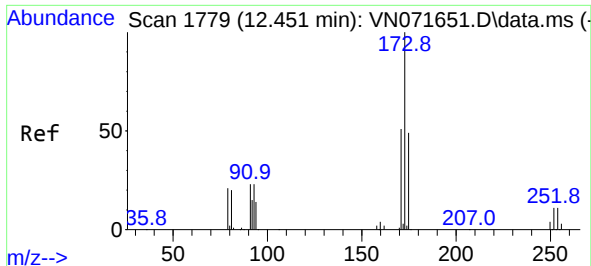
Tgt Ion:106 Resp: 8829  
Ion Ratio Lower Upper  
106 100  
91 218.9 106.0 318.0



#70  
Styrene  
Concen: 0.763 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:104 Resp: 12468  
Ion Ratio Lower Upper  
104 100  
78 52.2 39.5 59.3  
103 55.5 44.0 66.0

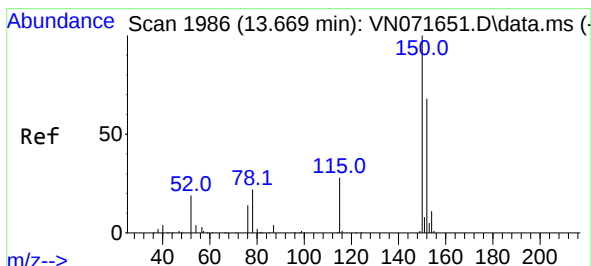
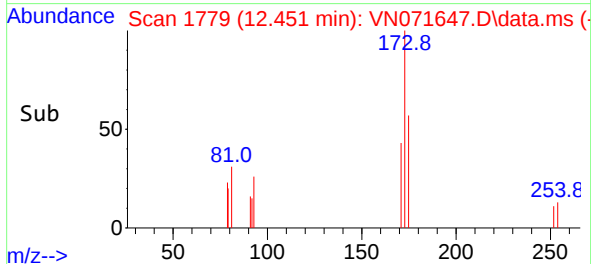
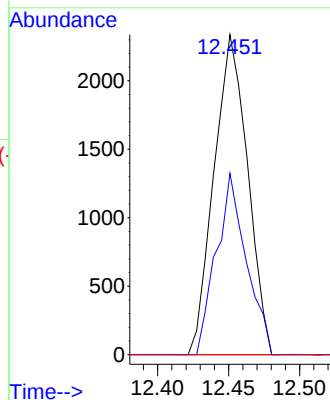
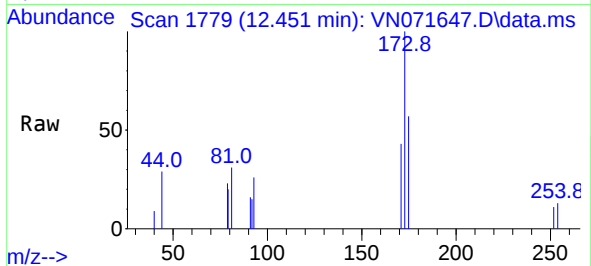




#71  
Bromoform  
Concen: 0.835 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

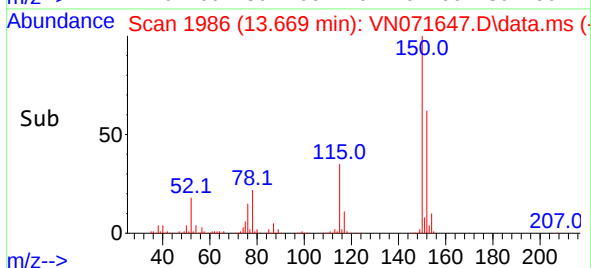
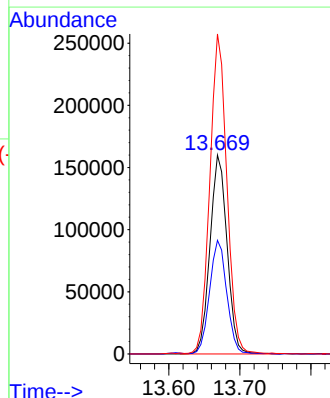
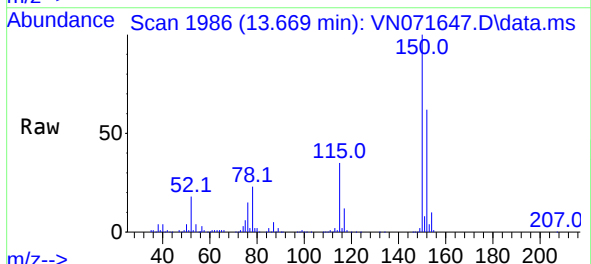
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

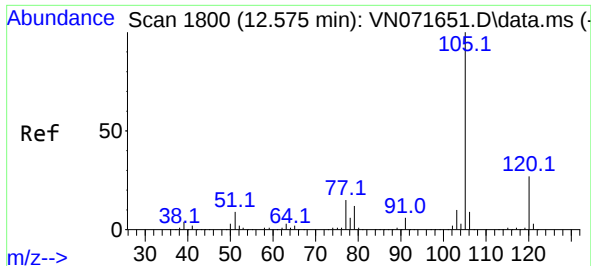
Tgt Ion:173 Resp: 3843  
Ion Ratio Lower Upper  
173 100  
175 50.8 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:152 Resp: 267424  
Ion Ratio Lower Upper  
152 100  
115 57.7 28.9 86.7  
150 159.2 0.0 356.2

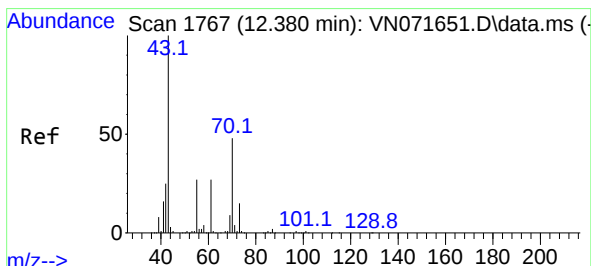
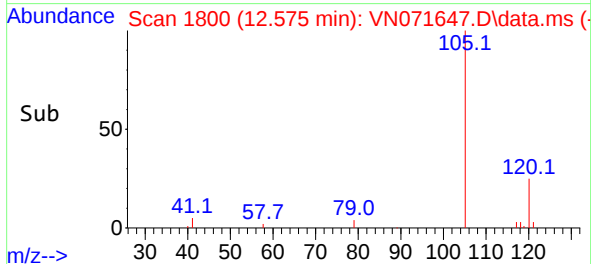
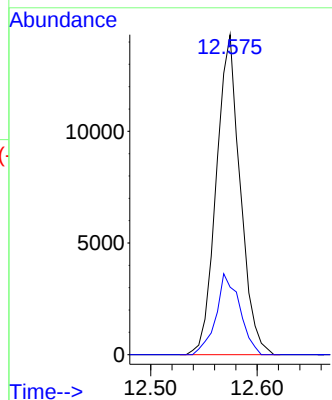
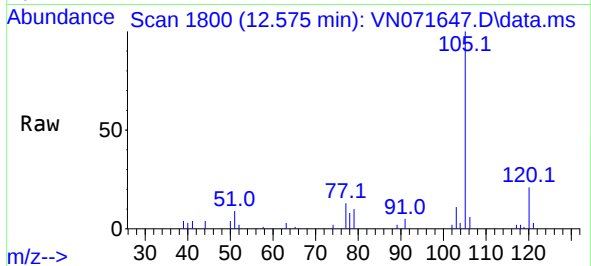




#73  
Isopropylbenzene  
Concen: 0.953 ug/l  
RT: 12.575 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

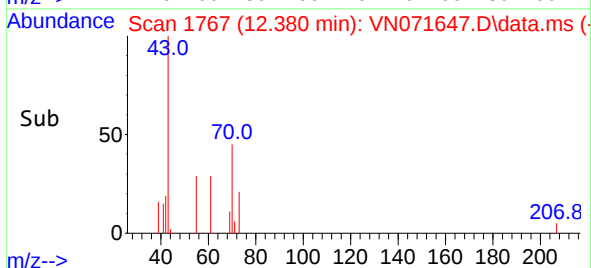
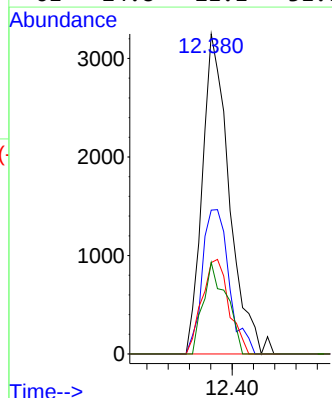
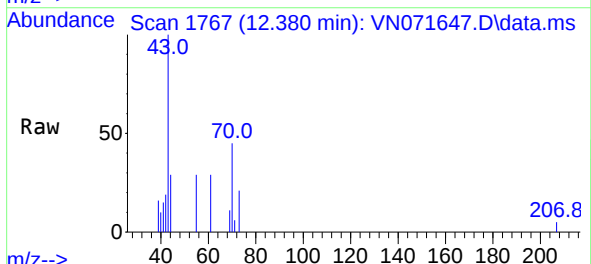
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

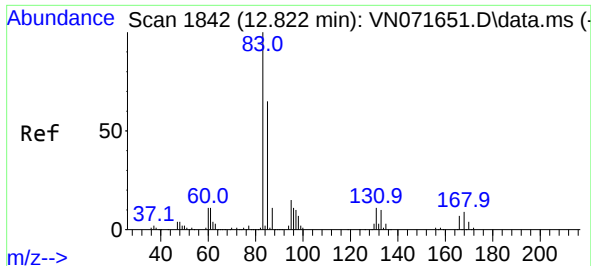
Tgt Ion:105 Resp: 22320  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 0.801 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 43 Resp: 5702  
Ion Ratio Lower Upper  
43 100  
70 45.0 39.0 58.4  
55 29.6 21.1 31.7  
61 24.8 21.1 31.7

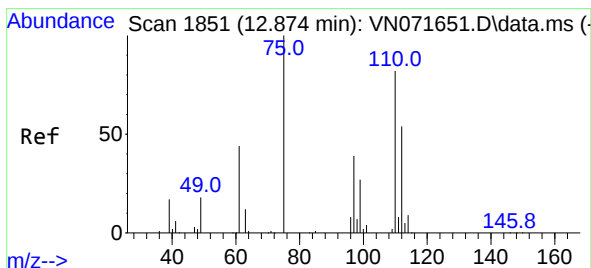
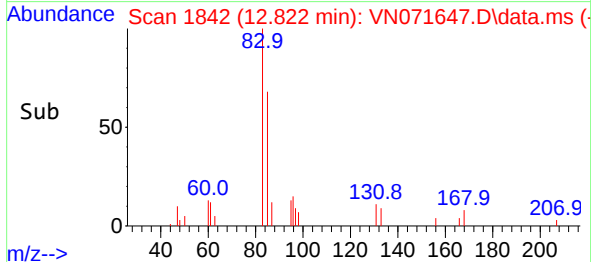
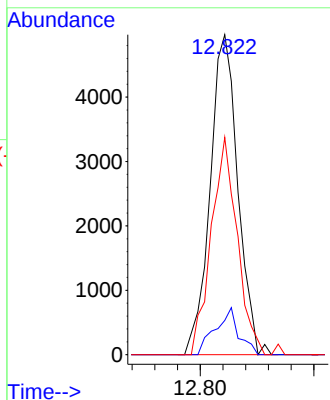
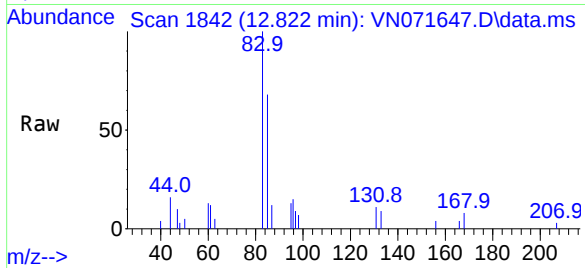




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.072 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

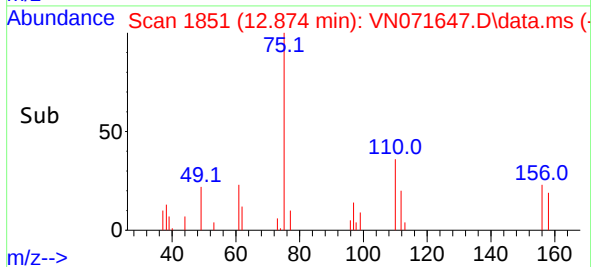
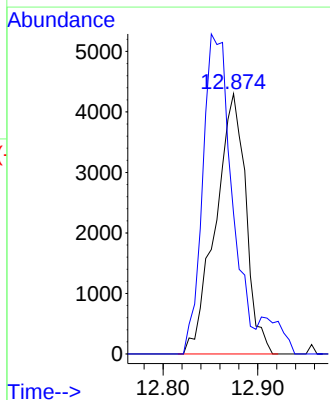
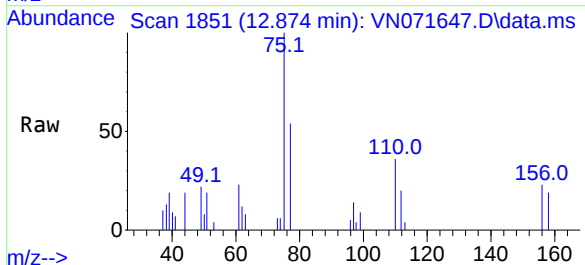
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

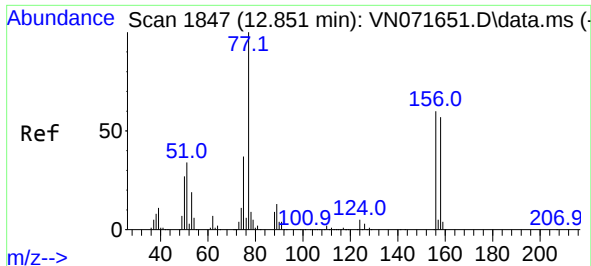
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 8399  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 12.3  | 5.3   | 15.9  |
| 85       | 63.8  | 32.3  | 96.9  |



#76  
1,2,3-Trichloropropane  
Concen: 1.490 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 9557   |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 98.5  | 295.5# |

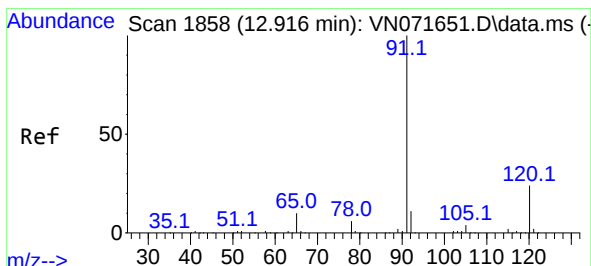
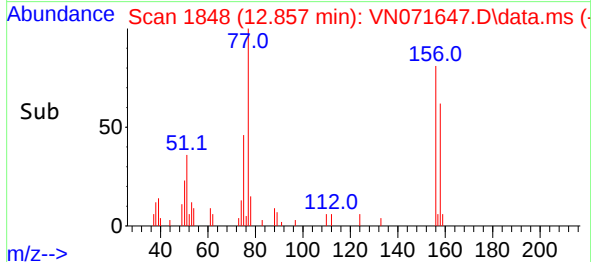
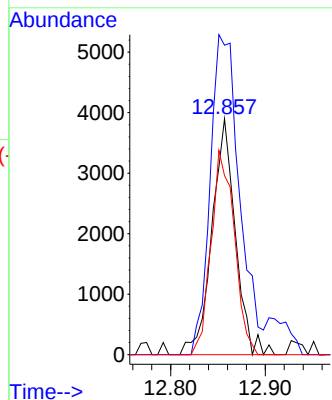
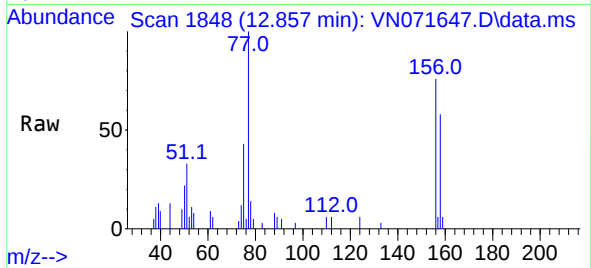




#77  
Bromobenzene  
Concen: 1.140 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

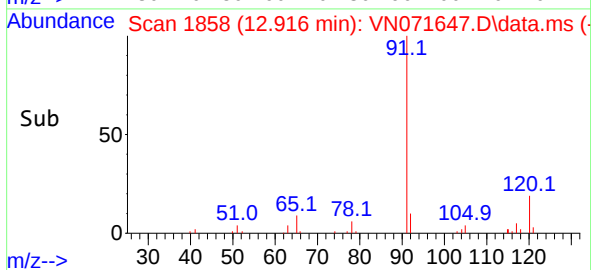
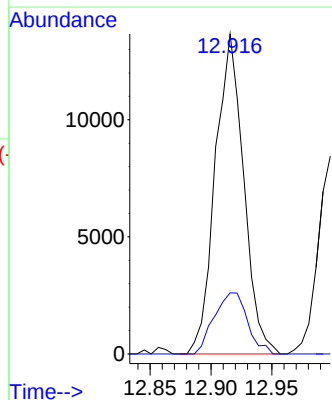
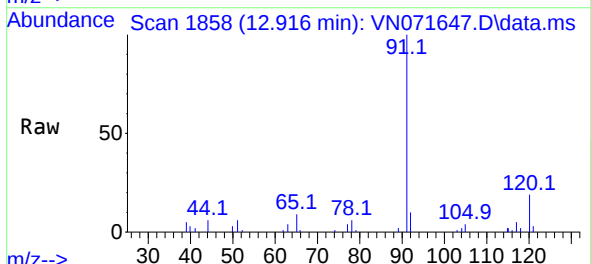
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

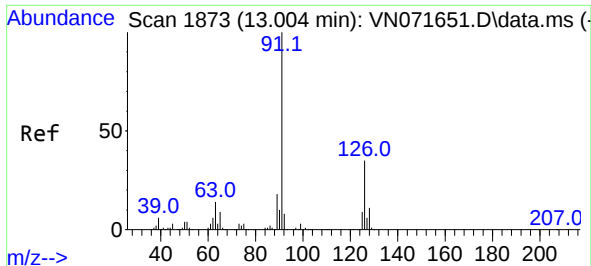
Tgt Ion:156 Resp: 6720  
Ion Ratio Lower Upper  
156 100  
77 169.2 100.5 301.5  
158 85.9 48.9 146.6



#78  
n-propylbenzene  
Concen: 0.877 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 91 Resp: 22155  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.9 35.5

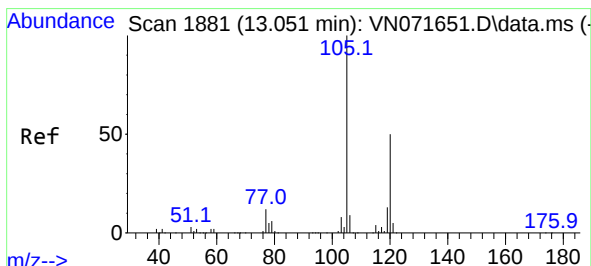
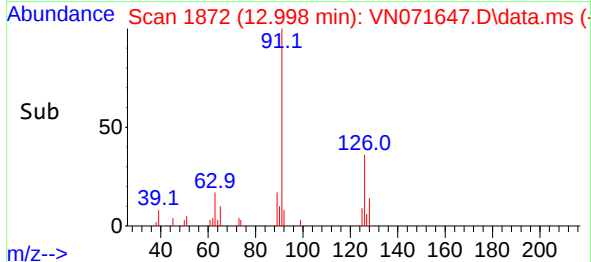
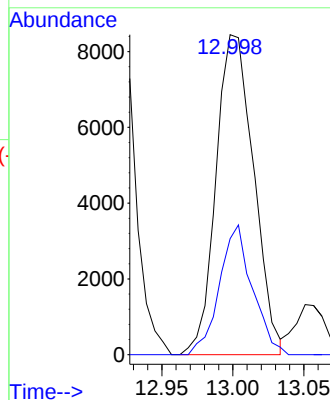
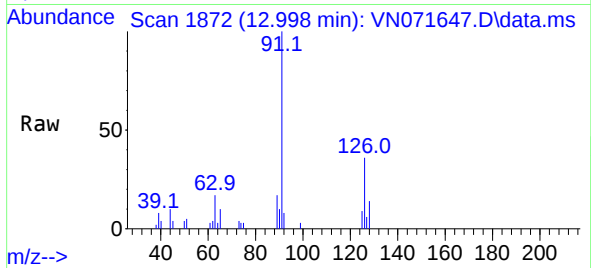




#79  
2-Chlorotoluene  
Concen: 0.986 ug/l  
RT: 12.998 min Scan# 1872  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

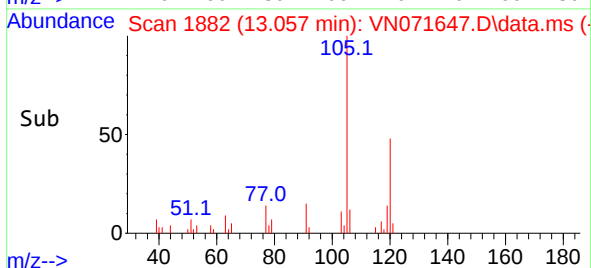
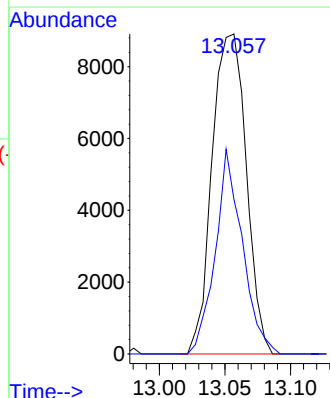
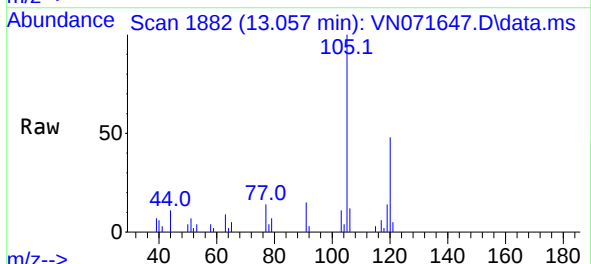
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

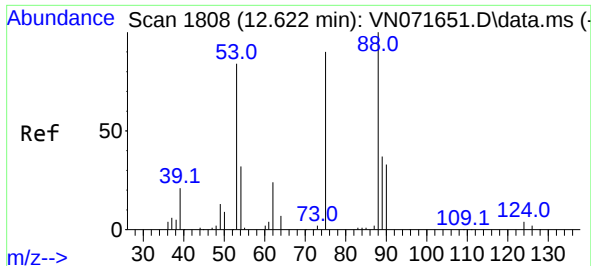
Tgt Ion: 91 Resp: 15602  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 0.874 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 105 Resp: 16168  
Ion Ratio Lower Upper  
105 100  
120 50.7 24.9 74.7

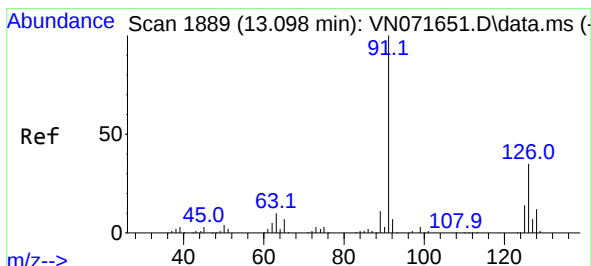
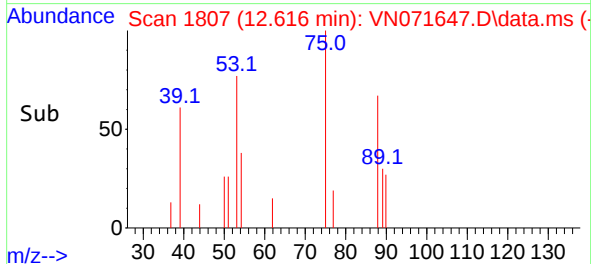
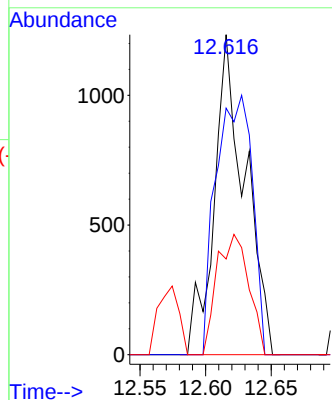
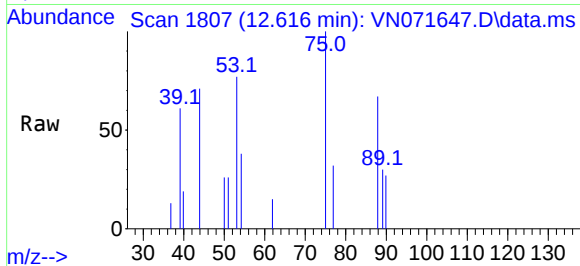




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.911 ug/l  
RT: 12.616 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

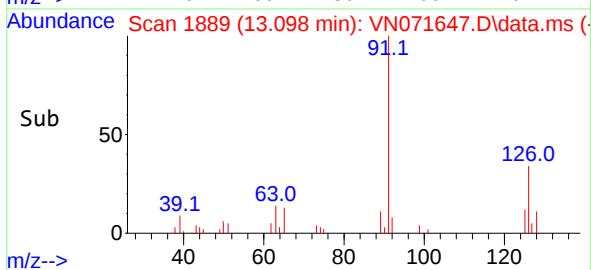
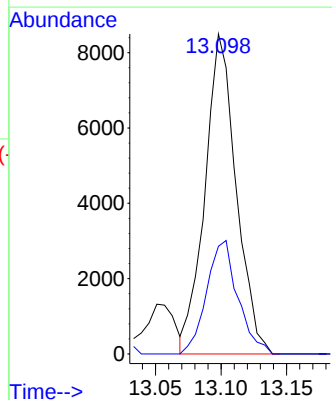
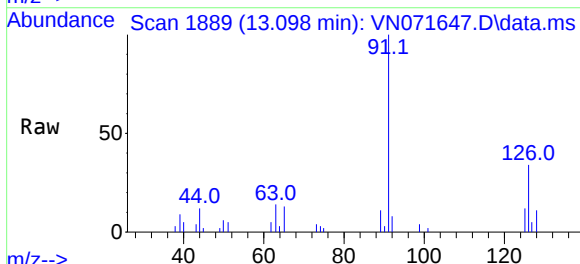
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

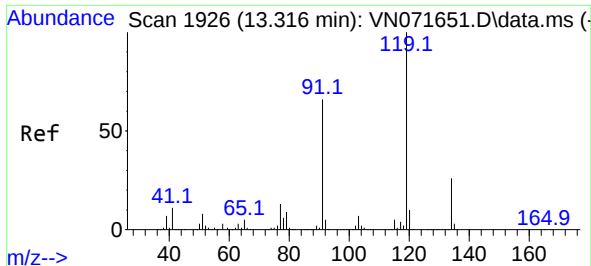
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2024  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 95.1  | 78.0  | 117.0 |
| 89       | 38.6  | 37.2  | 55.8  |



#82  
4-Chlorotoluene  
Concen: 0.954 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 14081 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 35.4  | 17.2  | 51.6  |

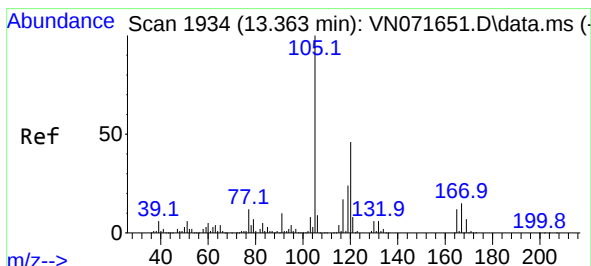
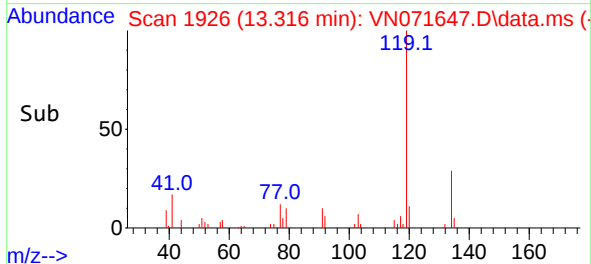
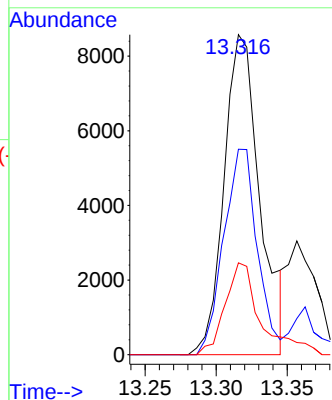
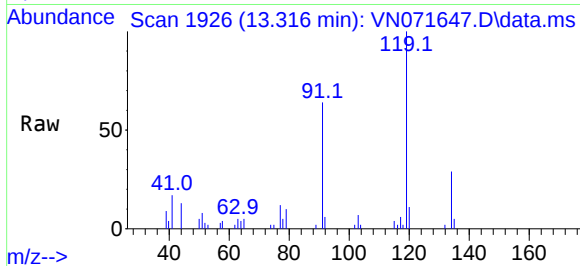




#83  
tert-Butylbenzene  
Concen: 0.885 ug/l  
RT: 13.316 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

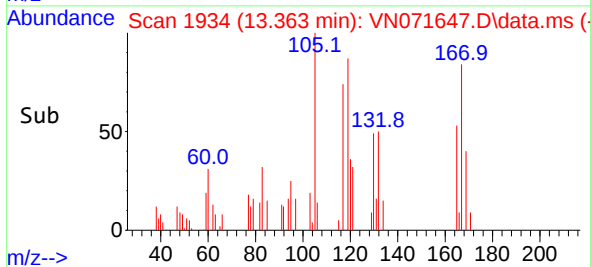
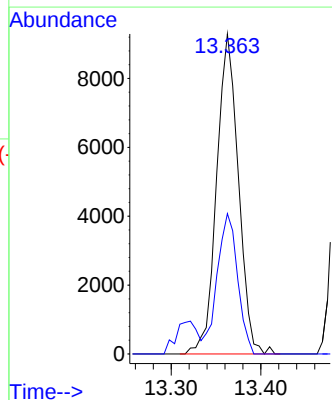
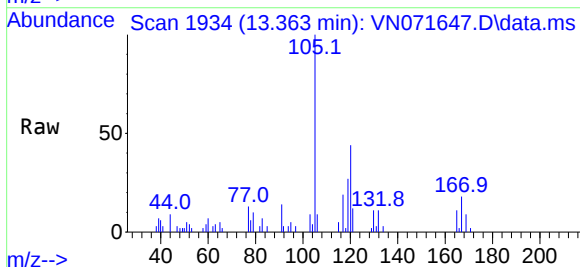
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

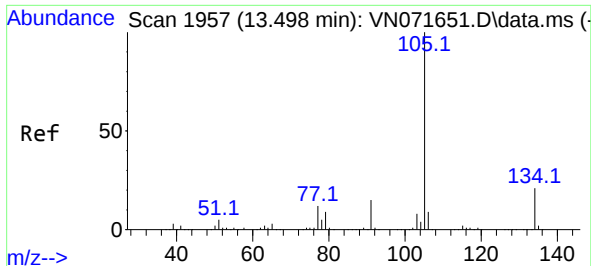
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 15029 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 60.4  | 31.6  | 94.8  |
| 134      | 28.6  | 13.7  | 41.1  |



#84  
1,2,4-Trimethylbenzene  
Concen: 0.862 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 15646 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 41.2  | 23.3  | 69.8  |

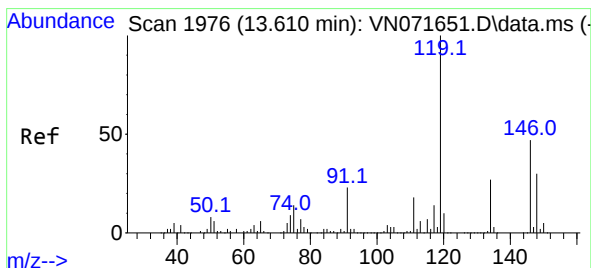
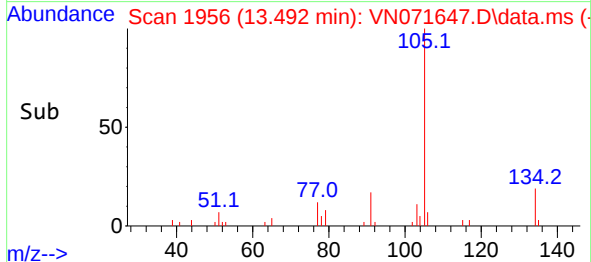
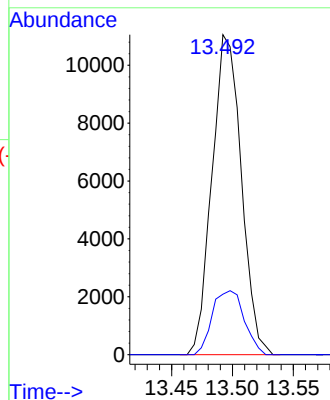
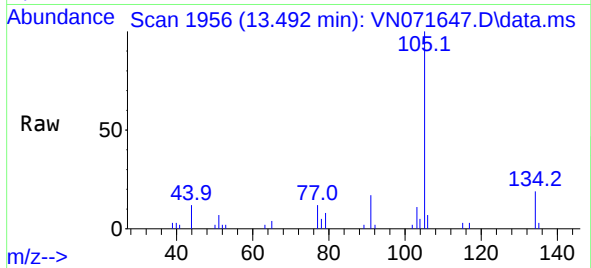




#85  
 sec-Butylbenzene  
 Concen: 0.825 ug/l  
 RT: 13.492 min Scan# 1956  
 Delta R.T. -0.006 min  
 Lab File: VN071647.D  
 Acq: 30 Mar 2022 09:54

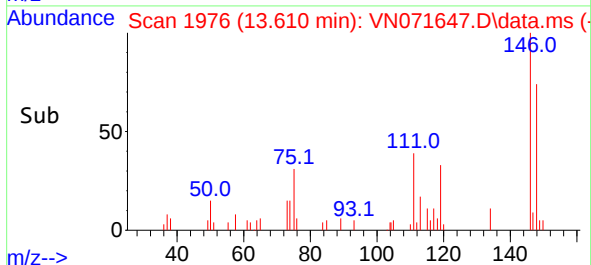
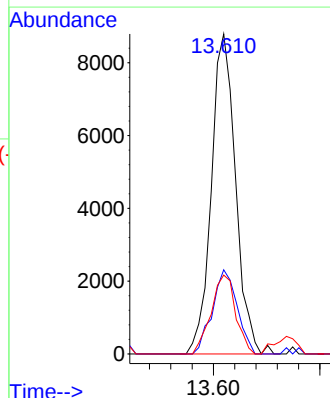
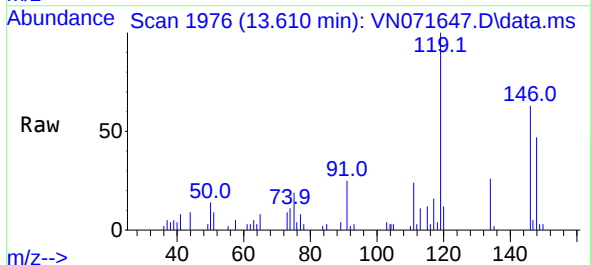
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

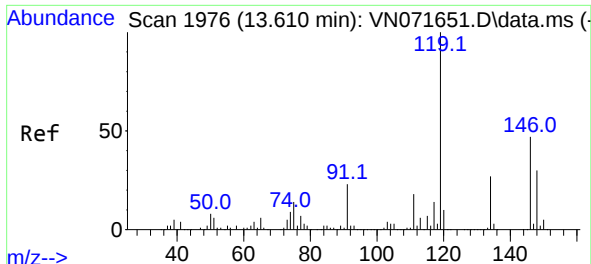
Tgt Ion:105 Resp: 18475  
 Ion Ratio Lower Upper  
 105 100  
 134 21.7 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 0.778 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN071647.D  
 Acq: 30 Mar 2022 09:54

Tgt Ion:119 Resp: 13871  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.3 39.8  
 91 25.0 11.3 33.9



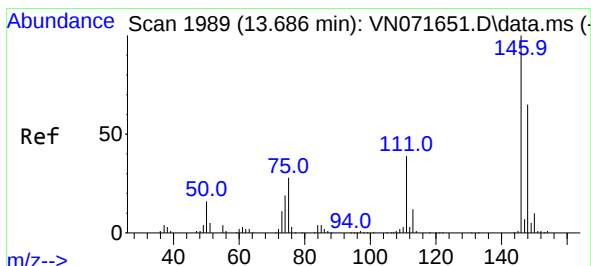
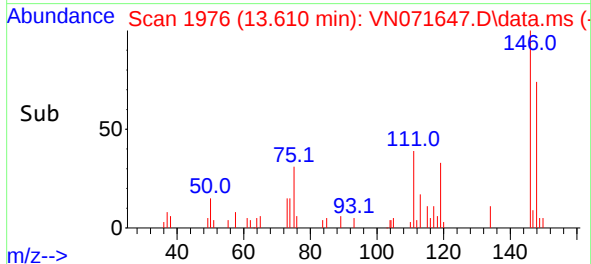
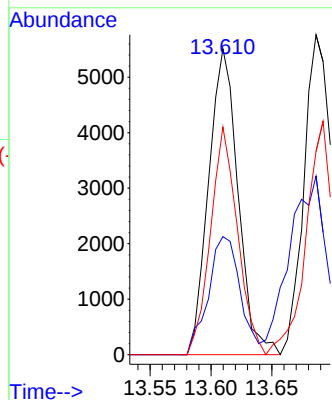
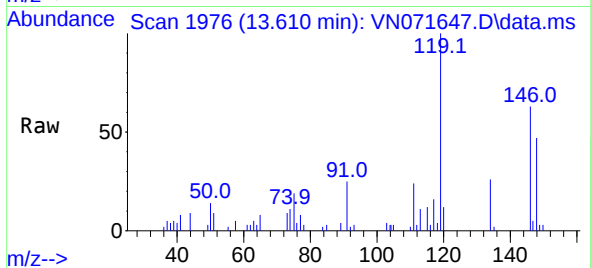


#87  
1,3-Dichlorobenzene  
Concen: 0.971 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Instrument : MSVOA\_N  
ClientSampleId : VSTDIC001

Tgt Ion:146 Resp: 9228

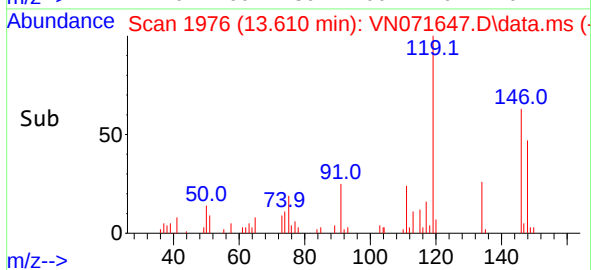
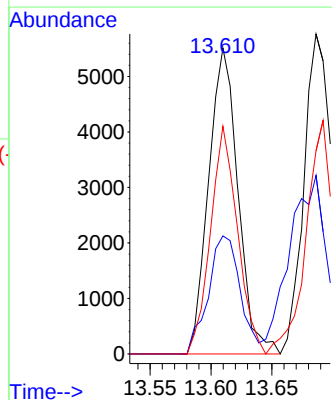
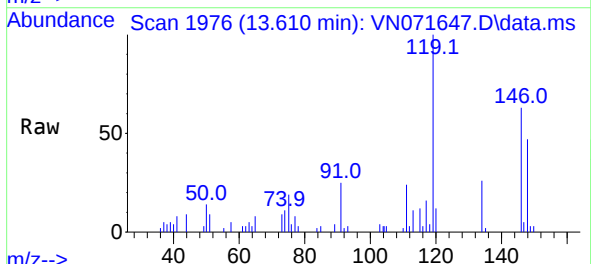
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.0  | 20.0  | 60.0  |
| 148 | 68.7  | 32.0  | 96.0  |

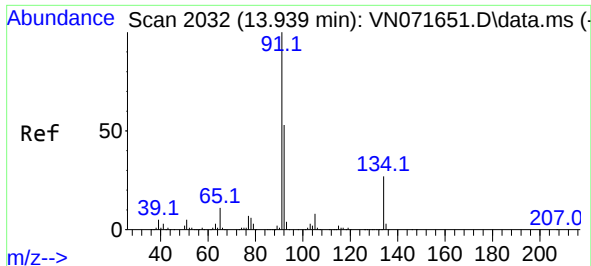


#88  
1,4-Dichlorobenzene  
Concen: 0.978 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.076 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion:146 Resp: 9228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.0  | 19.1  | 57.1  |
| 148 | 68.7  | 31.4  | 94.3  |

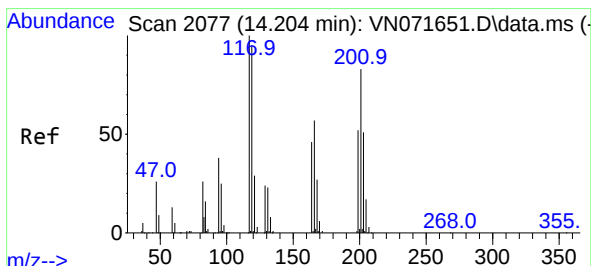
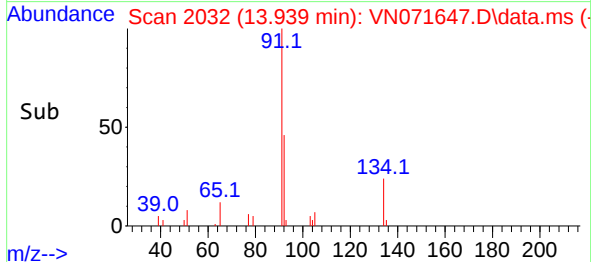
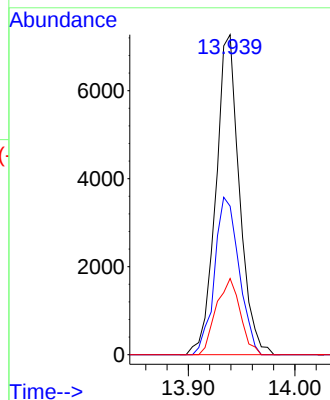
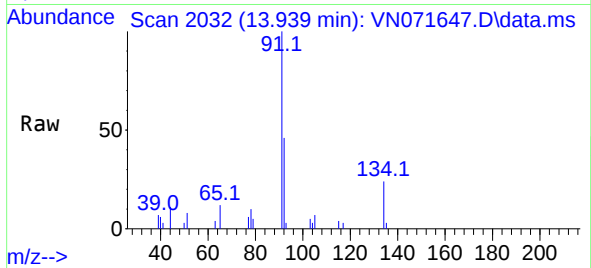




#89  
n-Butylbenzene  
Concen: 0.830 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

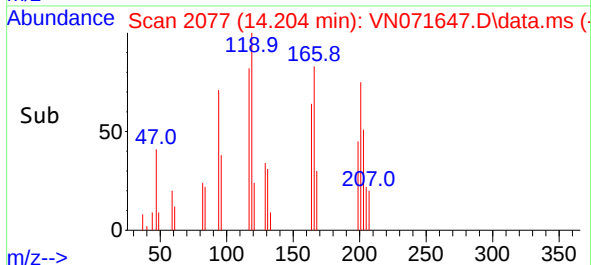
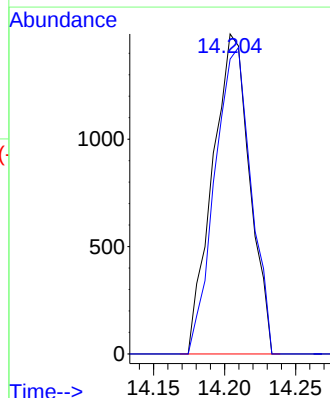
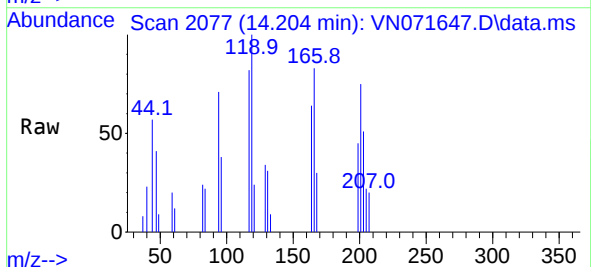
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

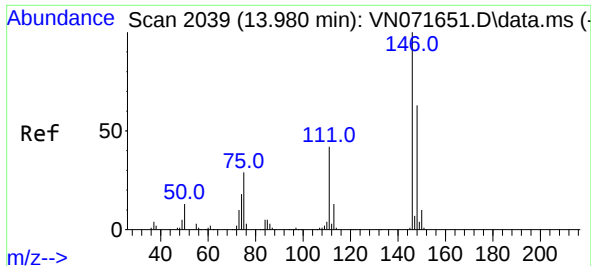
Tgt Ion: 91 Resp: 11180  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.9 80.7  
134 24.3 13.6 40.8



#90  
Hexachloroethane  
Concen: 0.812 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Tgt Ion: 117 Resp: 2715  
Ion Ratio Lower Upper  
117 100  
201 93.5 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 1.052 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

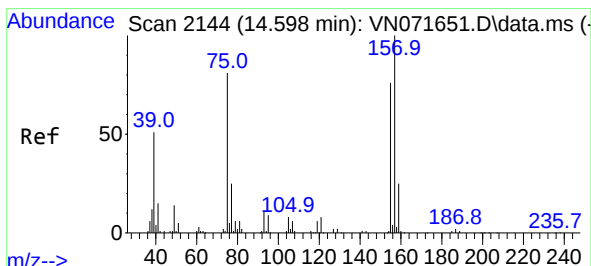
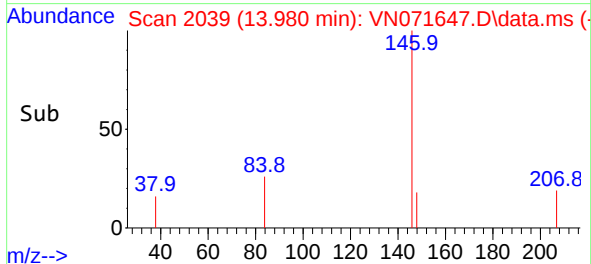
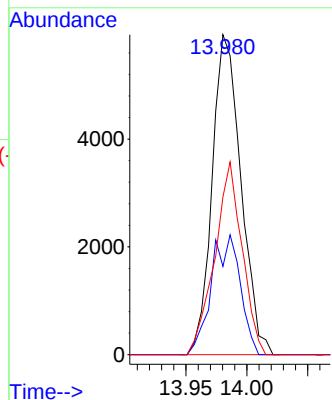
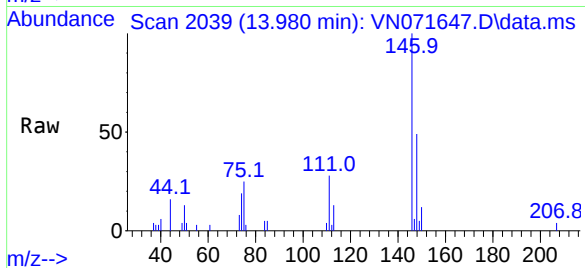
Tgt Ion:146 Resp: 9773

Ion Ratio Lower Upper

146 100

111 37.6 20.9 62.8

148 57.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.826 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071647.D

Acq: 30 Mar 2022 09:54

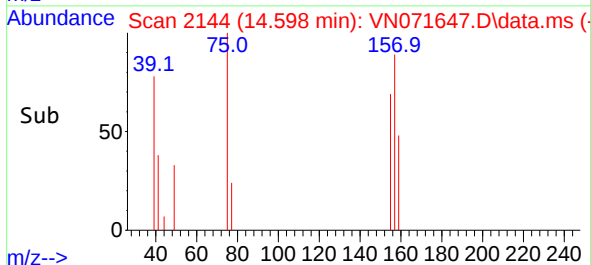
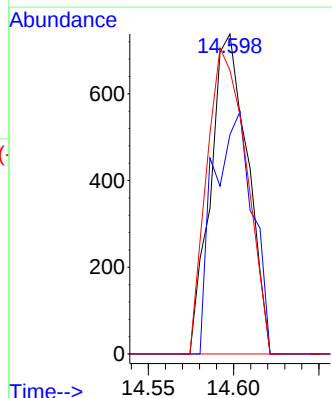
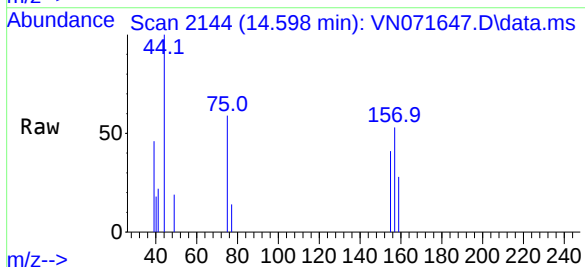
Tgt Ion: 75 Resp: 1115

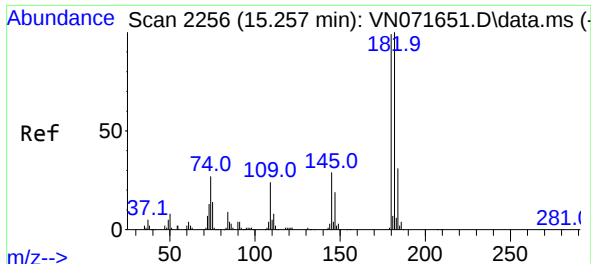
Ion Ratio Lower Upper

75 100

155 79.9 44.9 134.5

157 102.4 59.0 176.8

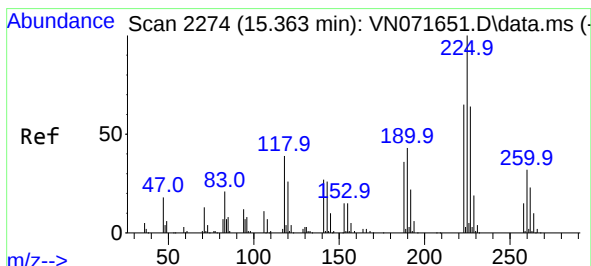
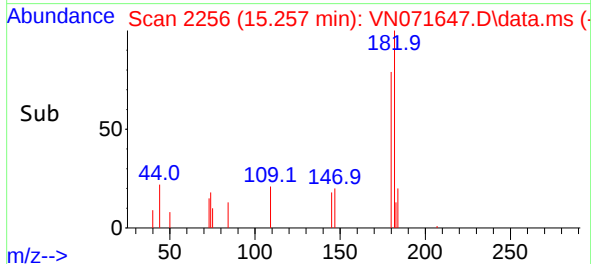
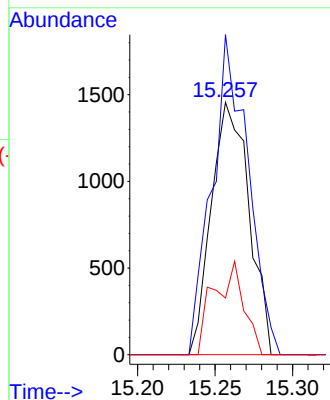
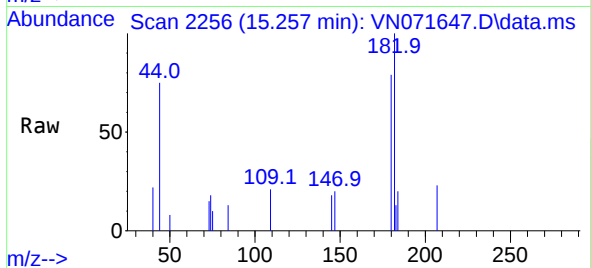




#93  
1,2,4-Trichlorobenzene  
Concen: 0.598 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

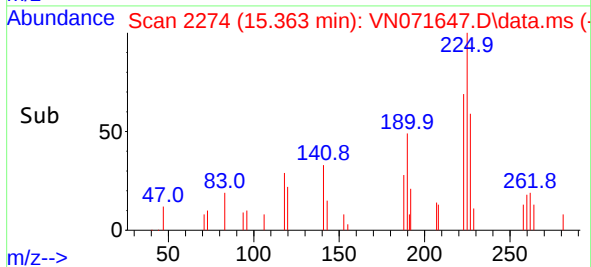
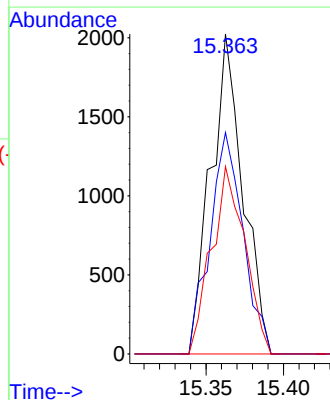
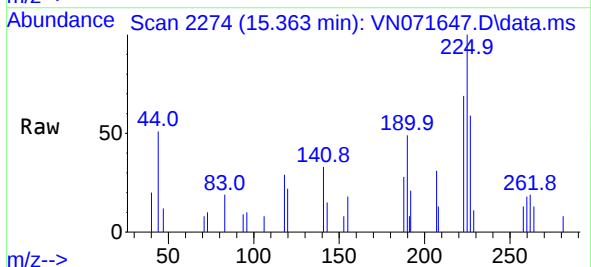
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

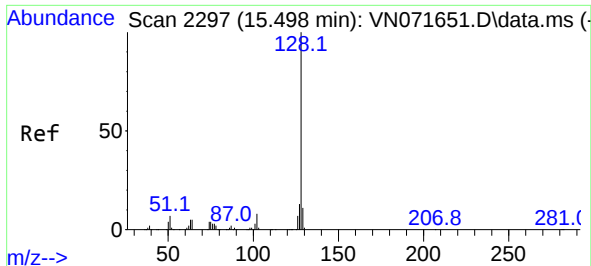
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2459  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 121.1 | 47.5  | 142.5 |
| 145      | 29.5  | 14.5  | 43.5  |



#94  
Hexachlorobutadiene  
Concen: 1.127 ug/l  
RT: 15.363 min Scan# 2274  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2927  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 71.0  | 32.4  | 97.2  |
| 227      | 60.6  | 31.8  | 95.4  |

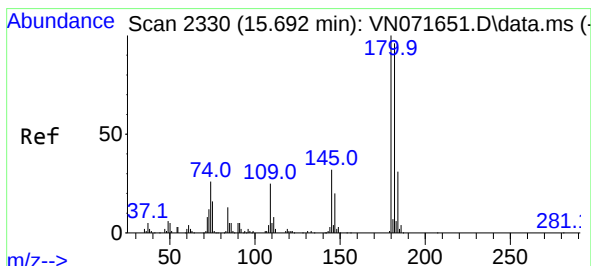
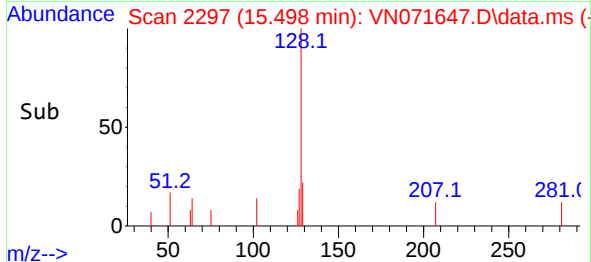
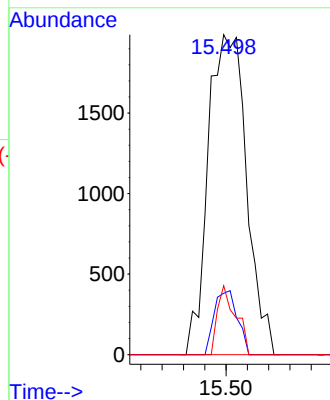
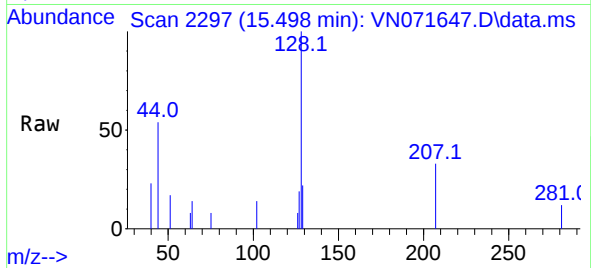




#95  
Naphthalene  
Concen: 0.445 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4974  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.0  | 10.3  | 15.5  |
| 129      | 10.2  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 0.524 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN071647.D  
Acq: 30 Mar 2022 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2151  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.8  | 47.8  | 143.3 |
| 145      | 25.7  | 15.5  | 46.5  |

