

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040224\  
 Data File : VN081648.D  
 Acq On : 02 Apr 2024 10:08  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Apr 03 01:30:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 332190   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 581723   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 543285   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 287177   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 221798   | 52.356   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.720% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 198550   | 54.082   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 108.160% |      |
| 50) Toluene-d8              | 10.565 | 98    | 670284   | 50.507   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.020% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 257267   | 55.016   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 110.040% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 186934  | 41.792  | ug/l   | 96  |
| 3) Chloromethane             | 2.359 | 50  | 197215  | 44.284  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 263301  | 52.682  | ug/l   | 93  |
| 5) Bromomethane              | 2.947 | 94  | 155247  | 43.922  | ug/l   | 93  |
| 6) Chloroethane              | 3.118 | 64  | 168881  | 49.213  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 358972  | 48.192  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 138489  | 56.179  | ug/l   | 75  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 207762  | 49.089  | ug/l # | 88  |
| 10) Methyl Iodide            | 4.589 | 142 | 242775  | 57.601  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 221498  | 300.030 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 189882  | 48.435  | ug/l # | 80  |
| 13) Acrolein                 | 4.177 | 56  | 193819  | 292.578 | ug/l   | 100 |
| 14) Allyl chloride           | 5.018 | 41  | 249150  | 50.718  | ug/l # | 86  |
| 15) Acrylonitrile            | 5.712 | 53  | 541069  | 273.957 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 342137  | 249.904 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.712 | 76  | 442020  | 39.290  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.024 | 43  | 276167  | 65.429  | ug/l # | 85  |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 736203  | 60.004  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.277 | 84  | 244488  | 54.517  | ug/l # | 82  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 218015  | 49.876  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.671 | 45  | 674836  | 59.122  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.600 | 43  | 2519856 | 277.349 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 414168  | 54.175  | ug/l   | 95  |
| 25) 2-Butanone               | 7.482 | 43  | 622732  | 265.191 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 374507  | 56.480  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 278254  | 56.261  | ug/l   | 83  |
| 28) Bromochloromethane       | 7.812 | 49  | 154448  | 49.600  | ug/l # | 47  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 428694  | 270.994 | ug/l # | 77  |
| 30) Chloroform               | 7.965 | 83  | 475249  | 58.069  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 293046  | 42.510  | ug/l # | 73  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 402146  | 54.159  | ug/l # | 92  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 298937  | 48.385  | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.559 | 43  | 273771  | 51.748  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 345141  | 50.996  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 322577  | 46.753  | ug/l   | 87  |
| 40) Benzene                  | 8.606 | 78  | 973670  | 53.905  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040224\  
 Data File : VN081648.D  
 Acq On : 02 Apr 2024 10:08  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Apr 03 01:30:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 155835   | 55.699   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 350644   | 55.162   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 466162   | 53.157   | ug/l # | 90       |
| 44) Trichloroethene           | 9.353  | 130  | 266900   | 52.538   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 251384   | 57.426   | ug/l   | 93       |
| 46) Dibromomethane            | 9.712  | 93   | 191345   | 57.558   | ug/l # | 87       |
| 47) Bromodichloromethane      | 9.888  | 83   | 390500   | 60.079   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 219570   | 54.284   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 100759   | 1036.570 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1448507  | 270.693  | ug/l   | 90       |
| 52) Toluene                   | 10.629 | 92   | 627863   | 54.689   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 409292   | 58.316   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 429963   | 57.138   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 275268   | 59.579   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 370708   | 53.480   | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 449726   | 59.377   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 849177   | 292.096  | ug/l # | 83       |
| 59) 2-Hexanone                | 11.200 | 43   | 1055790  | 266.863  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.359 | 129  | 309151   | 60.842   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 269598   | 57.234   | ug/l   | 95       |
| 64) Tetrachloroethene         | 11.106 | 164  | 274783   | 52.913   | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894 | 112  | 695235   | 54.132   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 282518   | 59.352   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1198532  | 53.723   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 948808   | 113.446  | ug/l   | 92       |
| 69) o-Xylene                  | 12.400 | 106  | 465418   | 56.684   | ug/l   | 92       |
| 70) Styrene                   | 12.412 | 104  | 795027   | 60.037   | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 210749   | 58.918   | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1190504  | 48.633   | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 418717   | 47.266   | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 351918   | 48.896   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 320614m  | 46.673   | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 300904   | 49.760   | ug/l   | 70       |
| 78) n-propylbenzene           | 13.035 | 91   | 1414301  | 48.923   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 855208   | 49.428   | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1020890  | 50.492   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 128188   | 50.427   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 870007   | 51.002   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 863309   | 49.515   | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1051168  | 51.728   | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1232295  | 49.441   | ug/l   | 93       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 1061044  | 52.078   | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 573093   | 51.582   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 572609   | 49.774   | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 913368   | 50.556   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.335 | 117  | 197627   | 51.218   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 570223   | 53.324   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 73340    | 47.881   | ug/l   | 68       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 320561   | 51.845   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 125782   | 46.364   | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 1104236  | 55.115   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 328297   | 52.786   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040224\  
Data File : VN081648.D  
Acq On : 02 Apr 2024 10:08  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

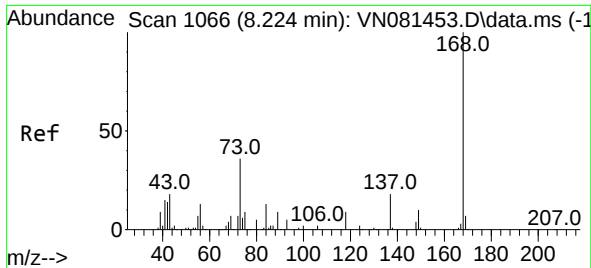
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Apr 03 01:30:19 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 19 06:00:00 2024  
Response via : Initial Calibration

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

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

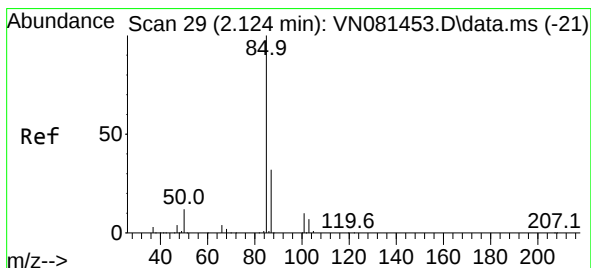
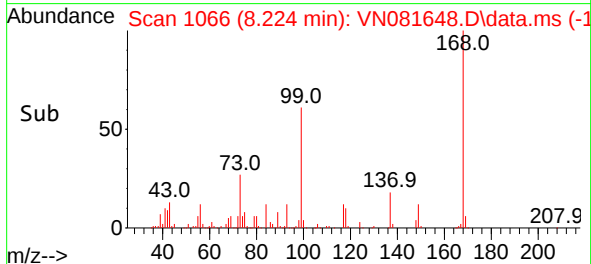
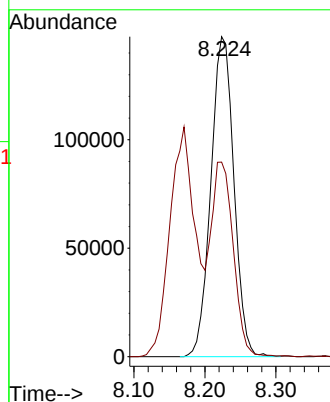
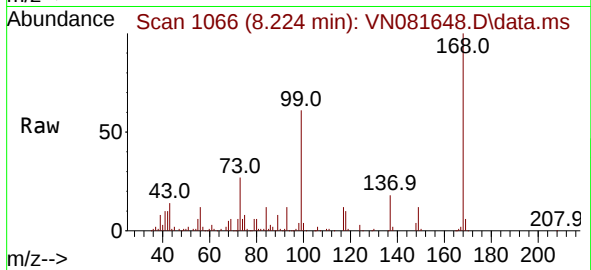




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

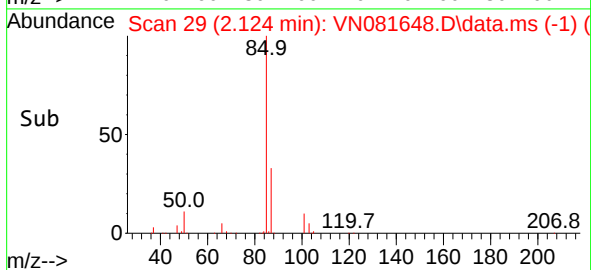
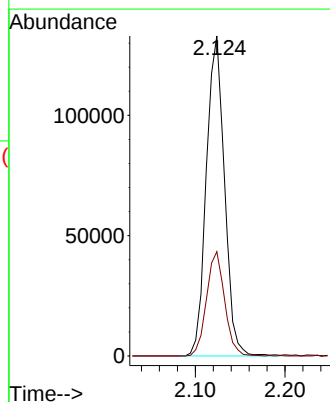
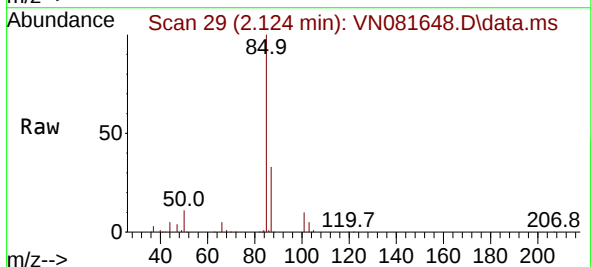
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

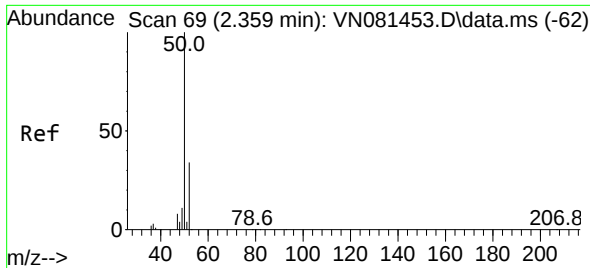
Tgt Ion:168 Resp: 332190  
Ion Ratio Lower Upper  
168 100  
99 60.5 59.9 89.9



#2  
Dichlorodifluoromethane  
Concen: 41.792 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 85 Resp: 186934  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.3 45.9

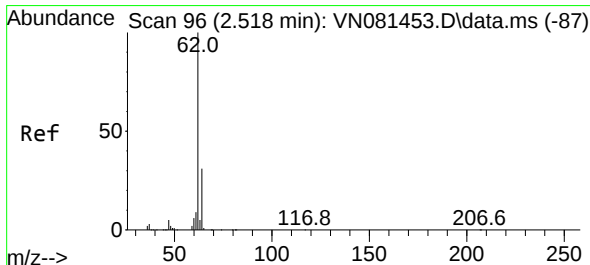
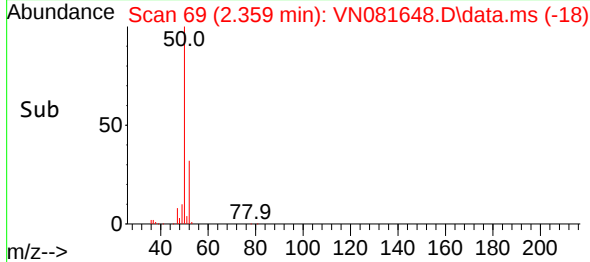
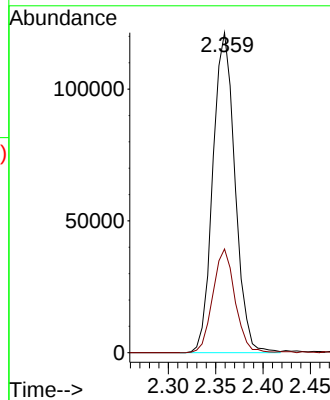
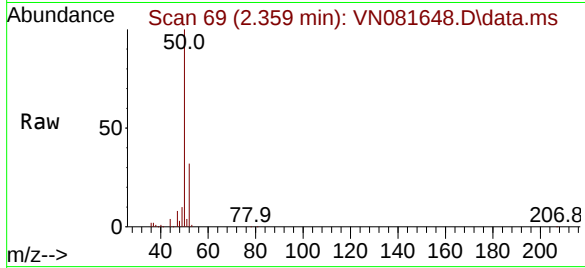




#3  
Chloromethane  
Concen: 44.284 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

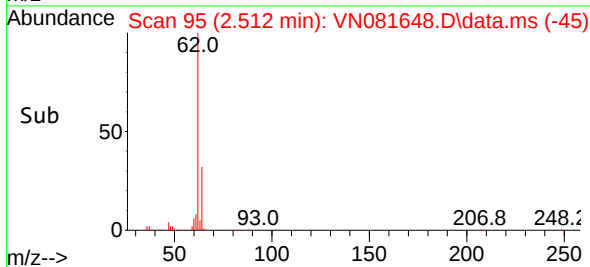
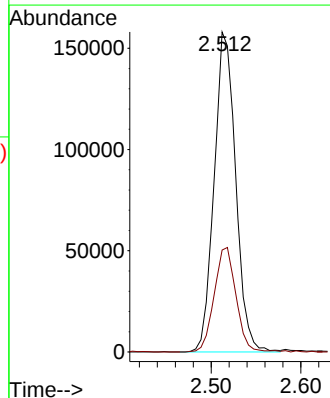
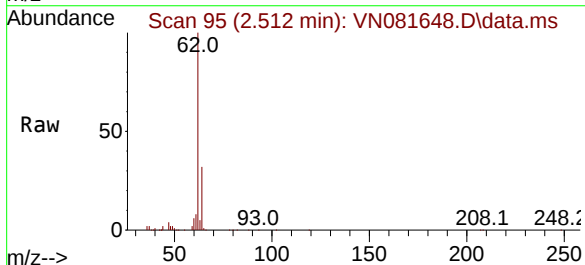
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

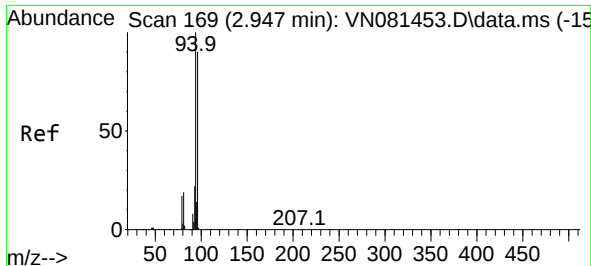
Tgt Ion: 50 Resp: 197215  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.0 37.4



#4  
Vinyl Chloride  
Concen: 52.682 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 62 Resp: 263301  
Ion Ratio Lower Upper  
62 100  
64 31.9 22.7 34.1

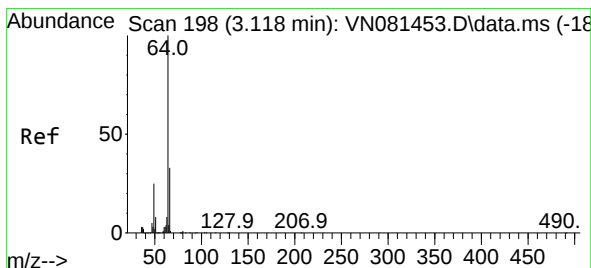
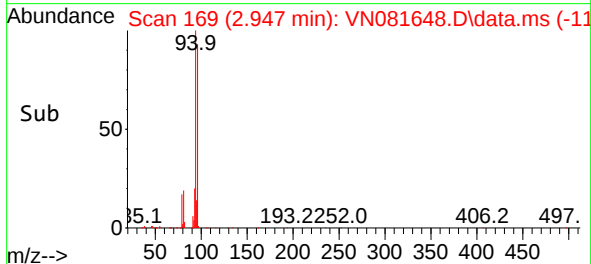
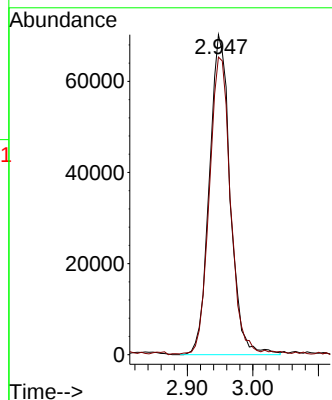
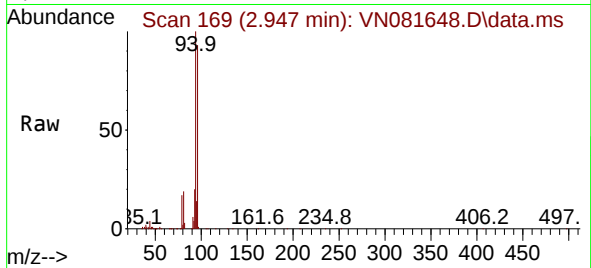




#5  
Bromomethane  
Concen: 43.922 ug/l  
RT: 2.947 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

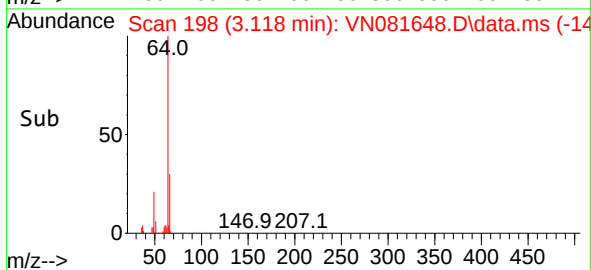
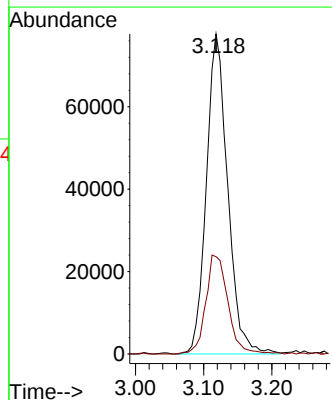
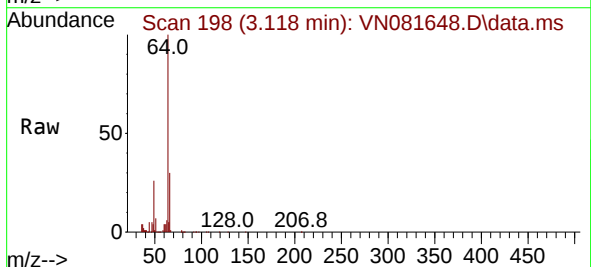
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

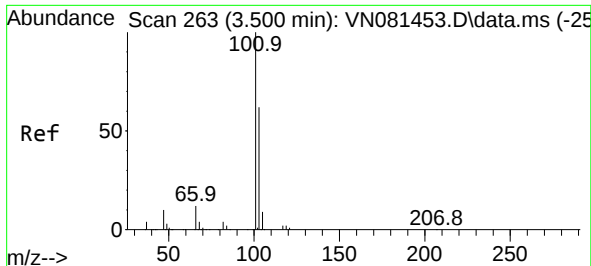
Tgt Ion: 94 Resp: 155247  
Ion Ratio Lower Upper  
94 100  
96 92.8 69.2 103.8



#6  
Chloroethane  
Concen: 49.213 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 64 Resp: 168881  
Ion Ratio Lower Upper  
64 100  
66 30.1 26.4 39.6

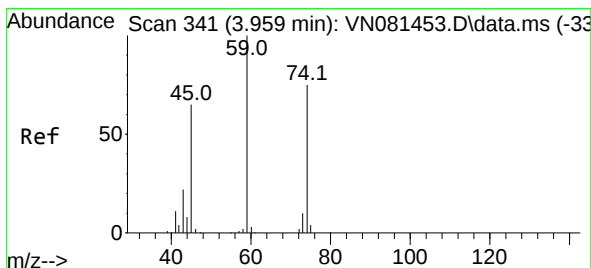
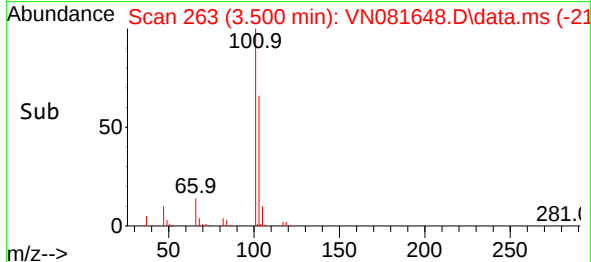
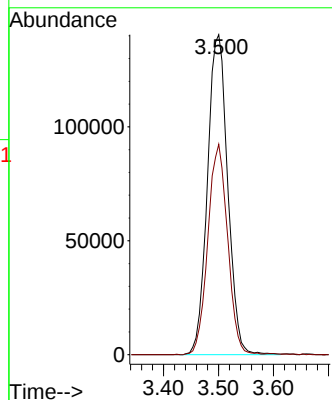
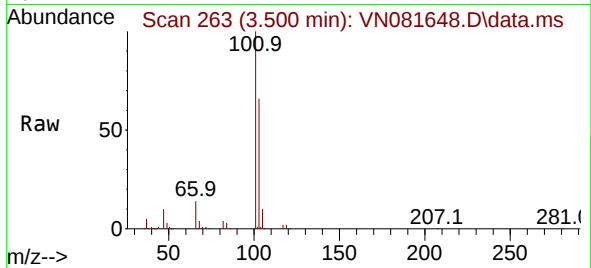




#7  
 Trichlorofluoromethane  
 Concen: 48.192 ug/l  
 RT: 3.500 min Scan# 263  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

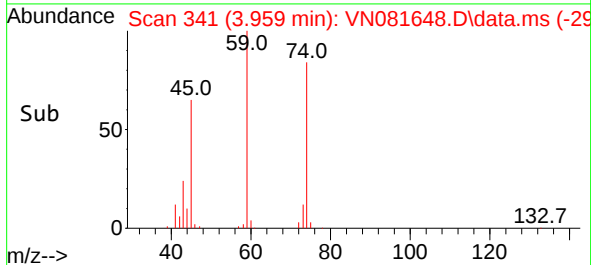
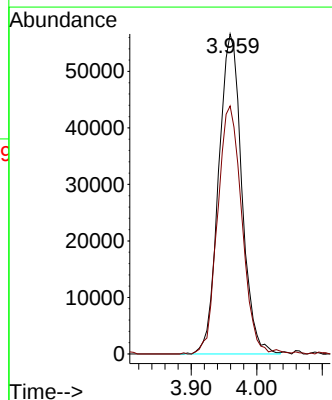
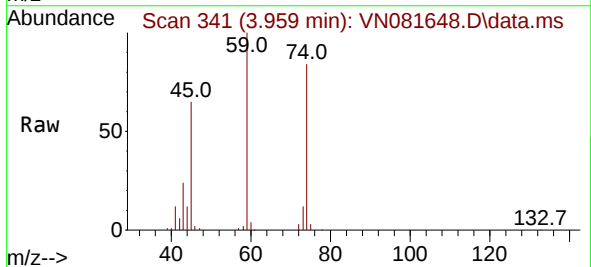
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

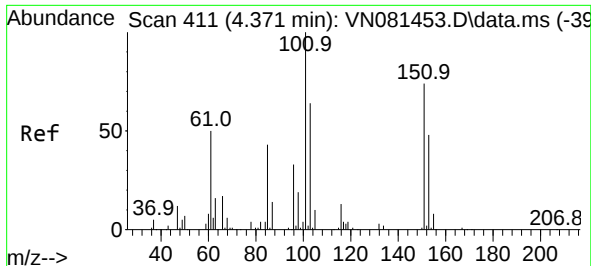
Tgt Ion:101 Resp: 358972  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 54.4 81.6



#8  
 Diethyl Ether  
 Concen: 56.179 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion: 74 Resp: 138489  
 Ion Ratio Lower Upper  
 74 100  
 45 80.9 53.3 159.9

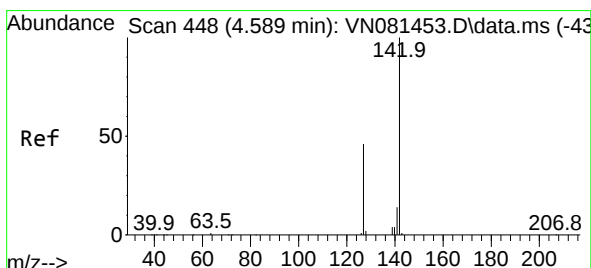
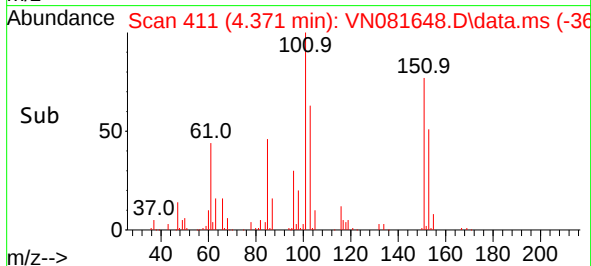
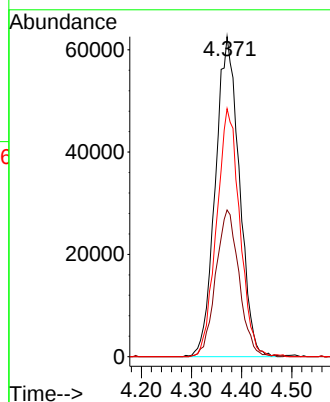
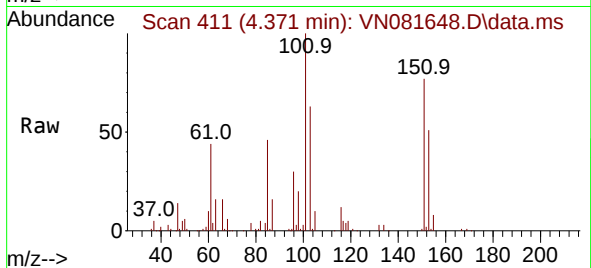




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.089 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

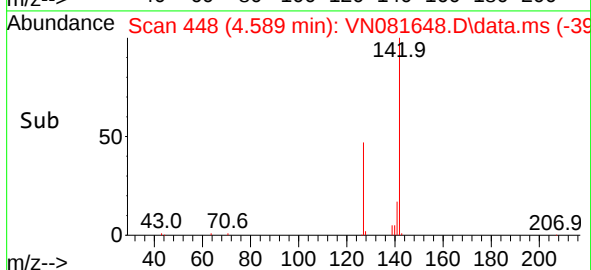
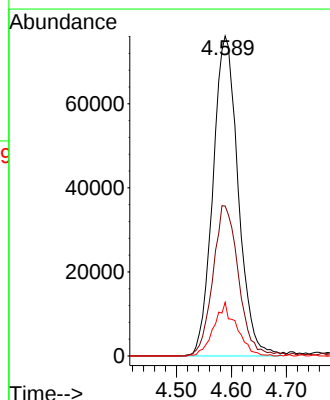
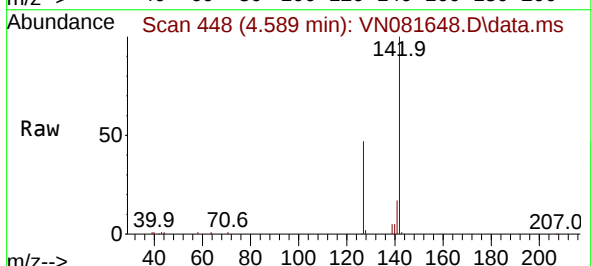
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

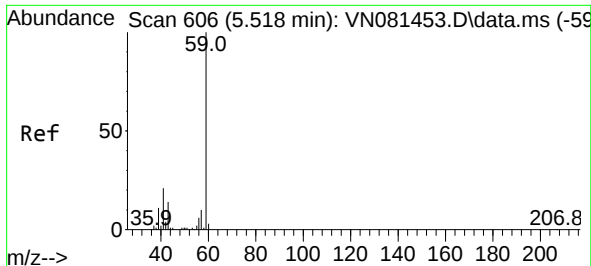
Tgt Ion:101 Resp: 207762  
Ion Ratio Lower Upper  
101 100  
85 44.6 38.1 57.1  
151 75.0 49.1 73.7#



#10  
Methyl Iodide  
Concen: 57.601 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:142 Resp: 242775  
Ion Ratio Lower Upper  
142 100  
127 46.9 37.0 55.4  
141 16.7 12.5 18.7

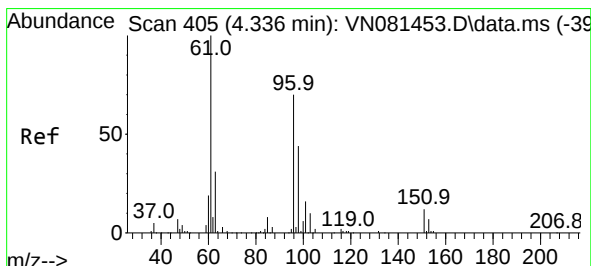
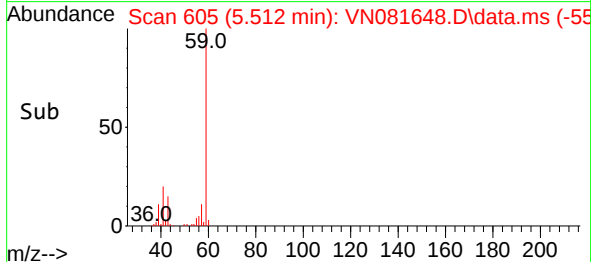
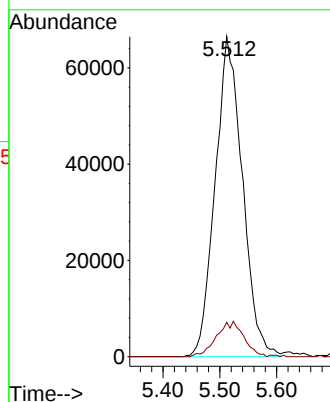
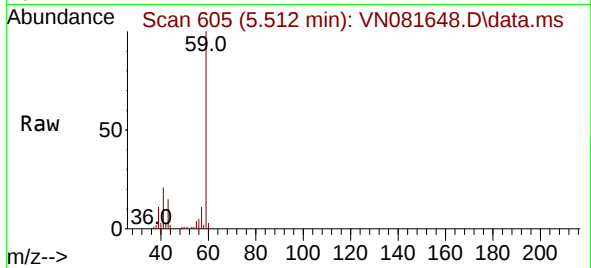




#11  
Tert butyl alcohol  
Concen: 300.030 ug/l  
RT: 5.512 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

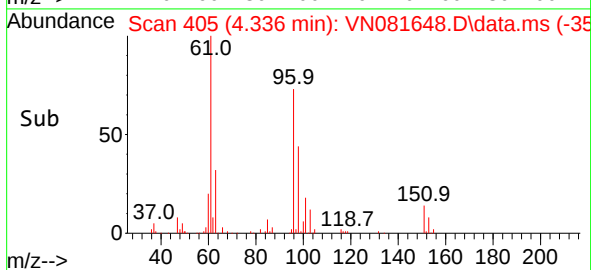
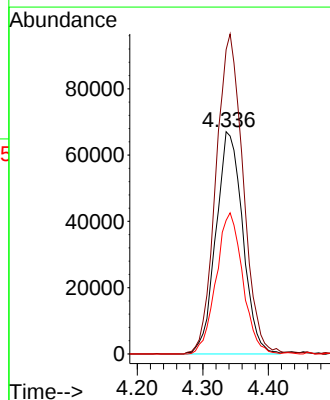
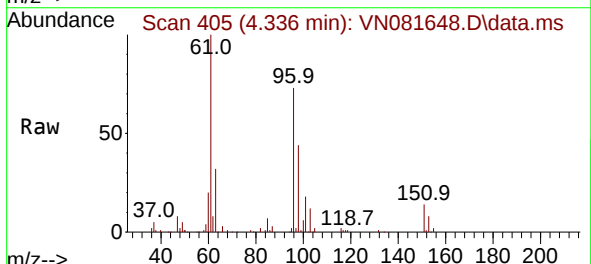
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

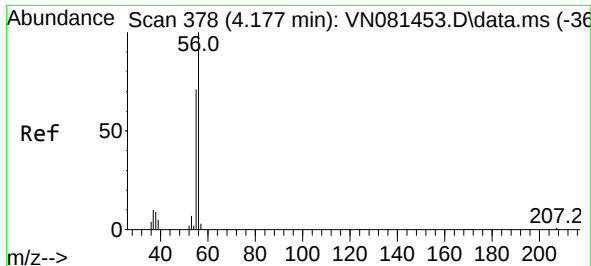
Tgt Ion: 59 Resp: 221498  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 48.435 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 96 Resp: 189882  
Ion Ratio Lower Upper  
96 100  
61 137.0 138.2 207.4#  
98 60.2 49.2 73.8

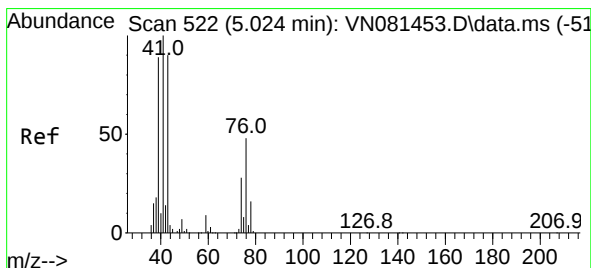
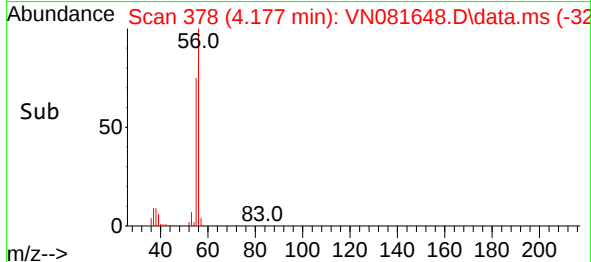
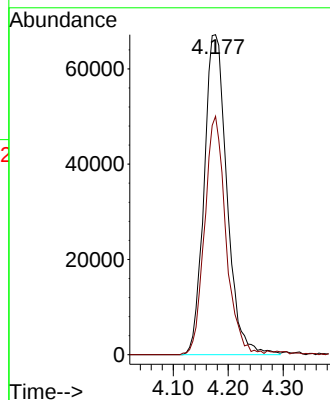
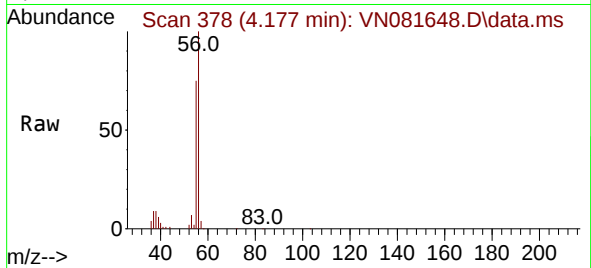




#13  
Acrolein  
Concen: 292.578 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

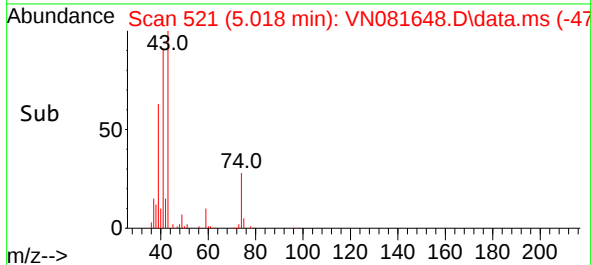
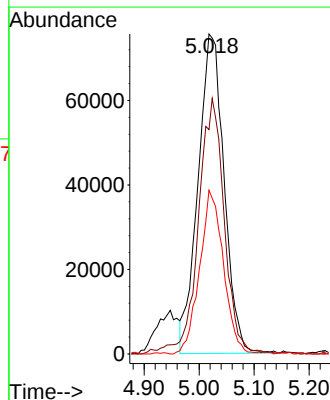
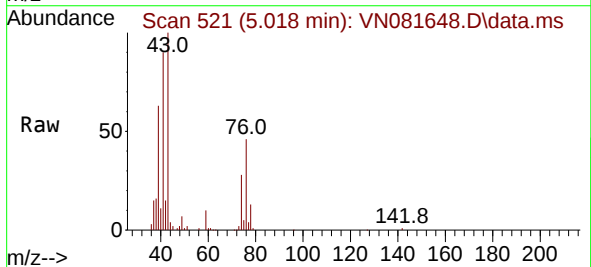
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

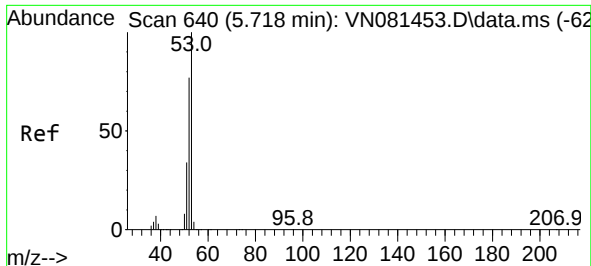
Tgt Ion: 56 Resp: 193819  
Ion Ratio Lower Upper  
56 100  
55 69.4 55.3 82.9



#14  
Allyl chloride  
Concen: 50.718 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

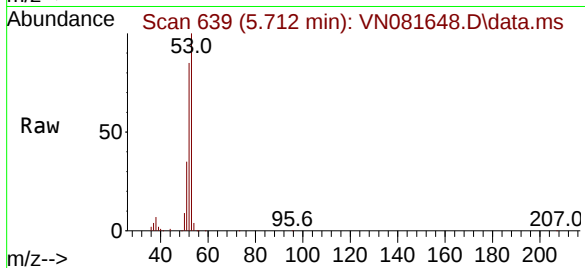
Tgt Ion: 41 Resp: 249150  
Ion Ratio Lower Upper  
41 100  
39 79.6 57.7 86.5  
76 46.8 26.8 40.2#



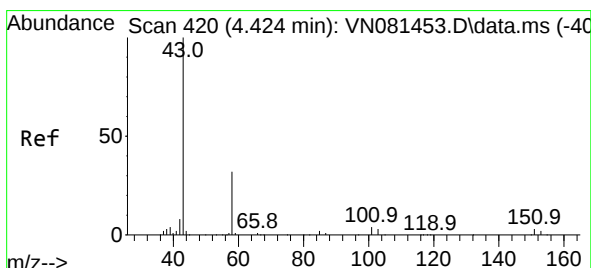
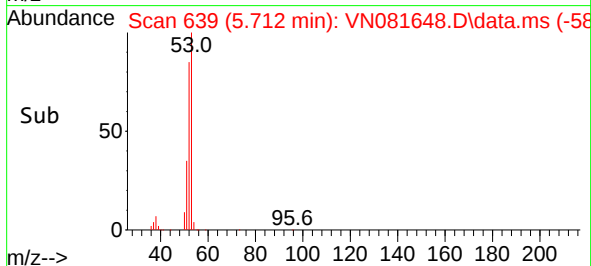
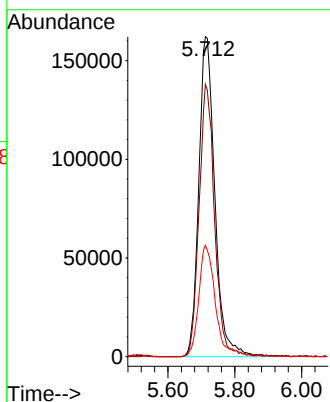


#15  
Acrylonitrile  
Concen: 273.957 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

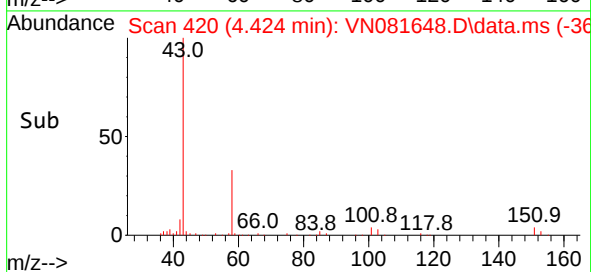
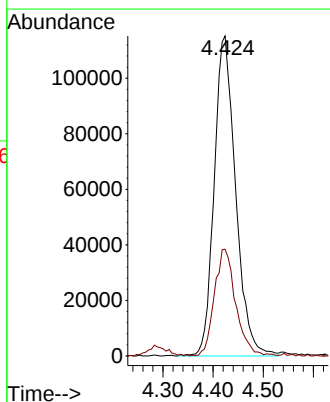
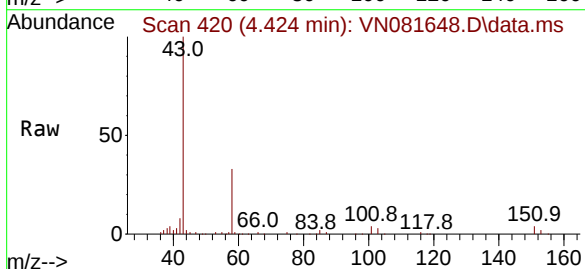


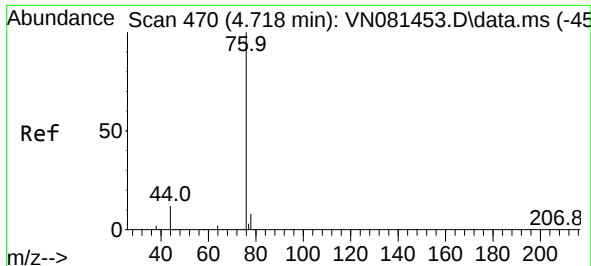
Tgt Ion: 53 Resp: 541069  
Ion Ratio Lower Upper  
53 100  
52 81.9 64.8 97.2  
51 36.1 26.9 40.3



#16  
Acetone  
Concen: 249.904 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 342137  
Ion Ratio Lower Upper  
43 100  
58 33.1 24.8 37.2

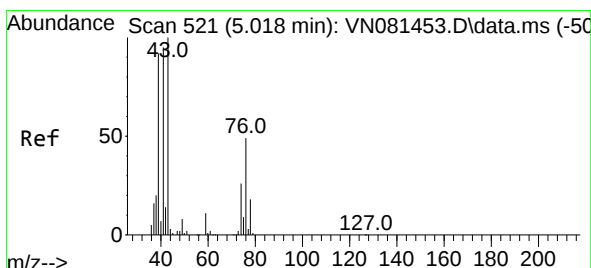
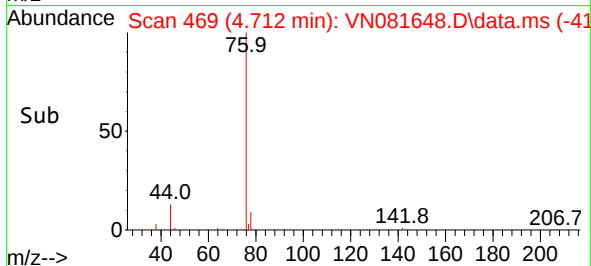
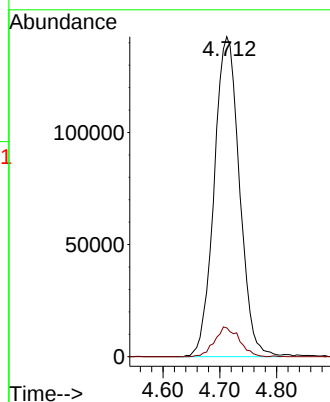
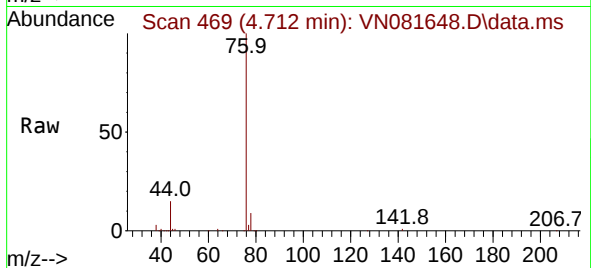




#17  
Carbon Disulfide  
Concen: 39.290 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

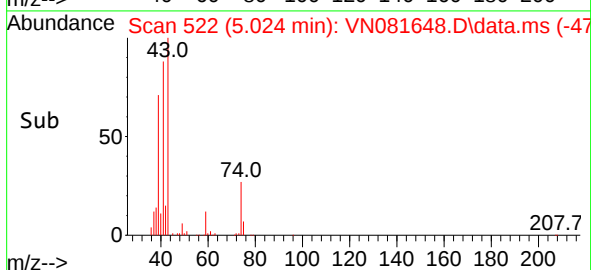
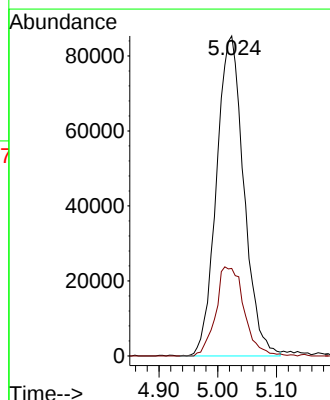
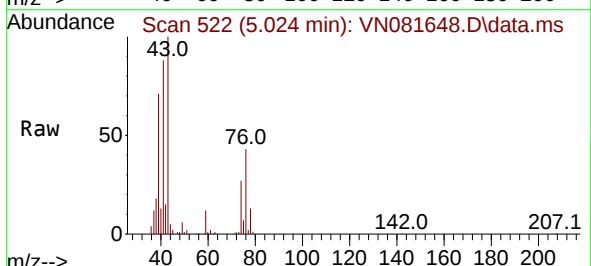
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

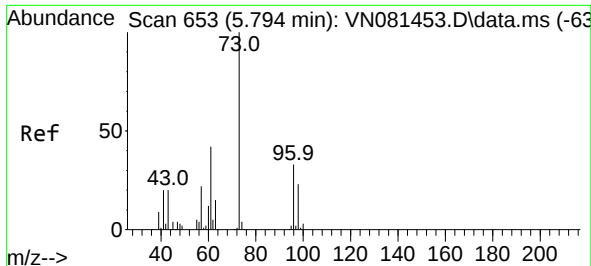
Tgt Ion: 76 Resp: 442020  
Ion Ratio Lower Upper  
76 100  
78 9.0 6.3 9.5



#18  
Methyl Acetate  
Concen: 65.429 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 276167  
Ion Ratio Lower Upper  
43 100  
74 28.7 17.3 25.9#

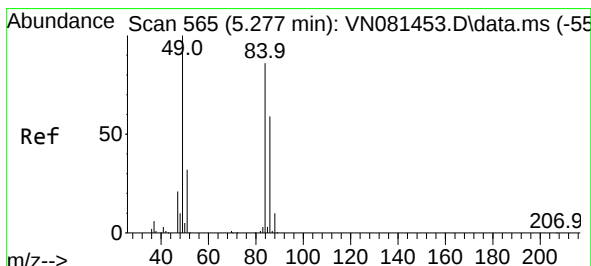
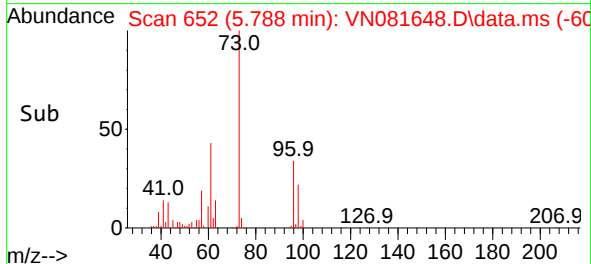
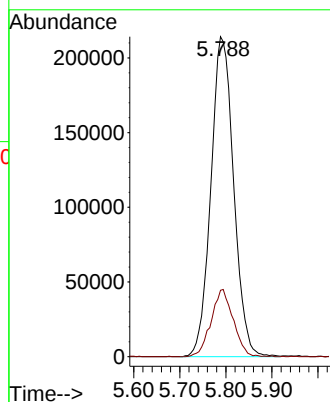
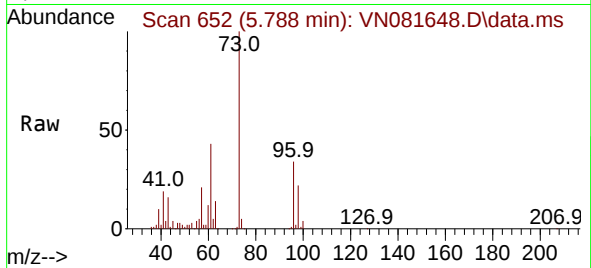




#19  
Methyl tert-butyl Ether  
Concen: 60.004 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

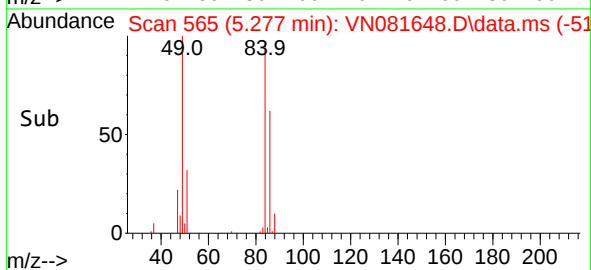
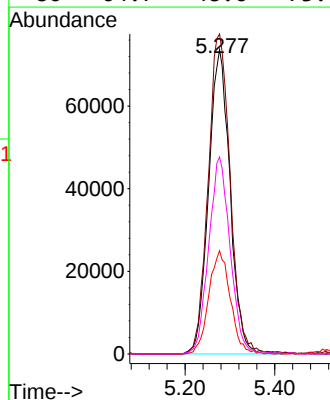
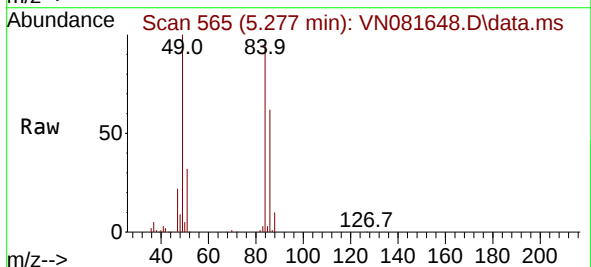
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

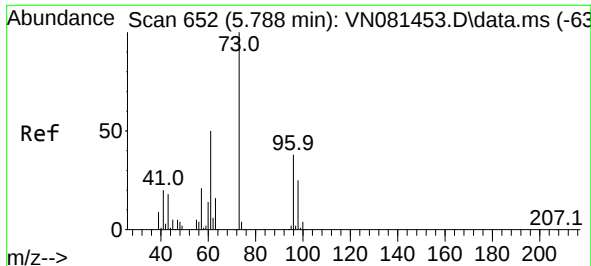
Tgt Ion: 73 Resp: 736203  
Ion Ratio Lower Upper  
73 100  
57 20.8 18.2 27.4



#20  
Methylene Chloride  
Concen: 54.517 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 84 Resp: 244488  
Ion Ratio Lower Upper  
84 100  
49 105.1 108.1 162.1#  
51 33.9 32.9 49.3  
86 64.7 48.6 73.0

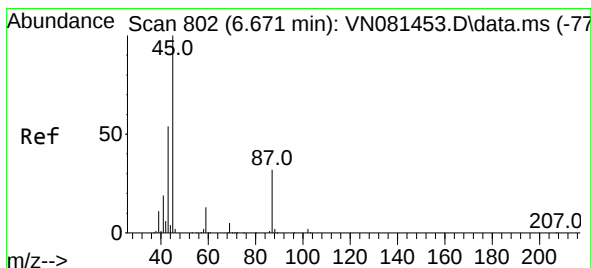
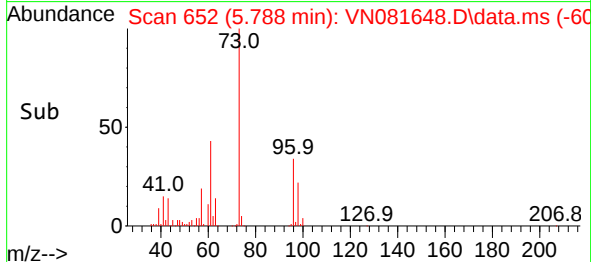
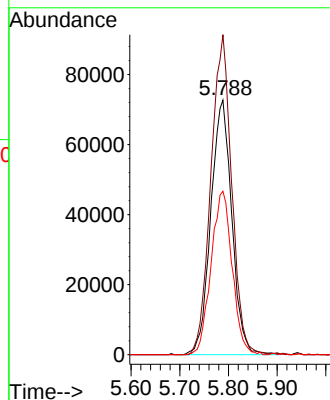
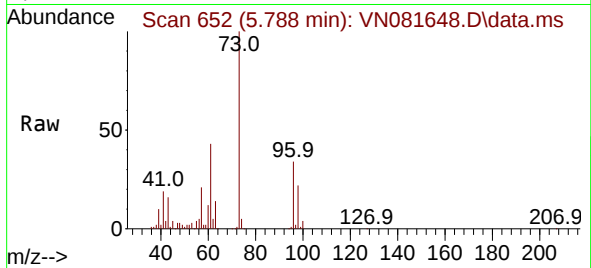




#21  
trans-1,2-Dichloroethene  
Concen: 49.876 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

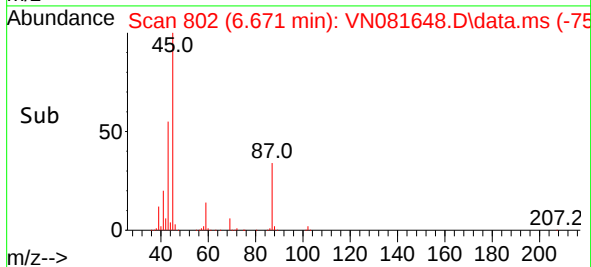
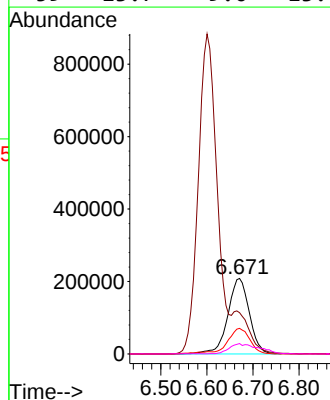
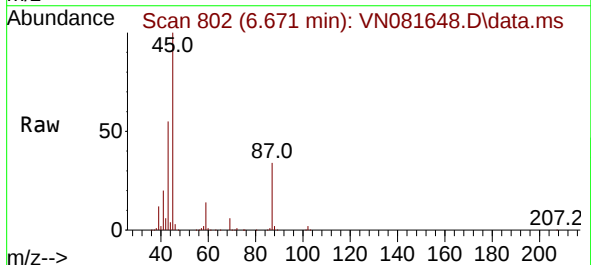
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

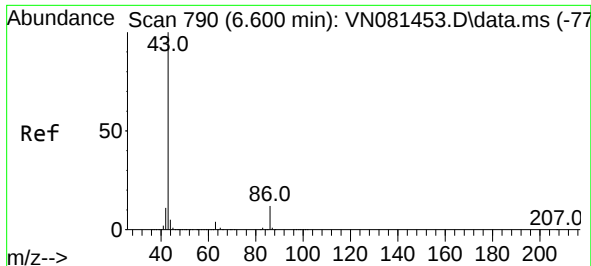
Tgt Ion: 96 Resp: 218015  
Ion Ratio Lower Upper  
96 100  
61 125.7 112.8 169.2  
98 64.2 51.0 76.4



#22  
Diisopropyl ether  
Concen: 59.122 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 45 Resp: 674836  
Ion Ratio Lower Upper  
45 100  
43 53.6 41.8 62.8  
87 33.8 18.1 27.1#  
59 13.7 9.0 13.6#

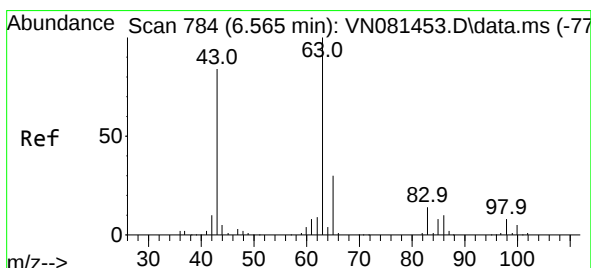
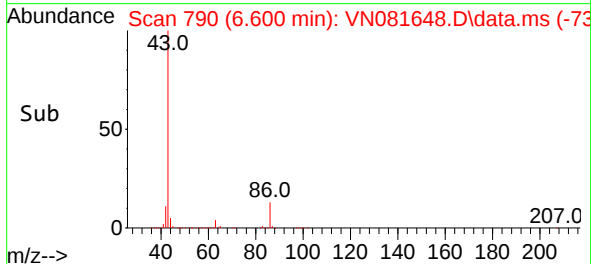
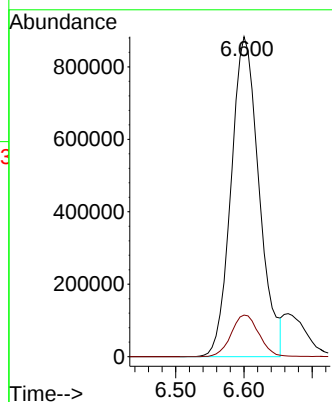
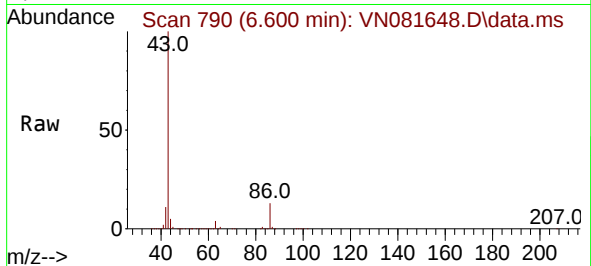




#23  
 Vinyl Acetate  
 Concen: 277.349 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

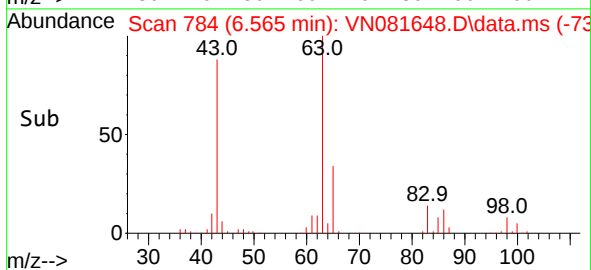
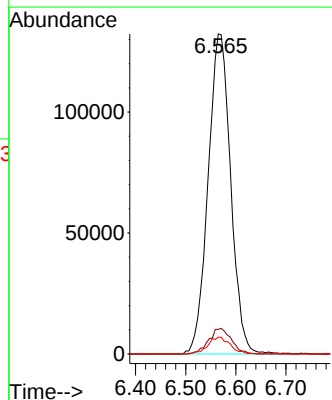
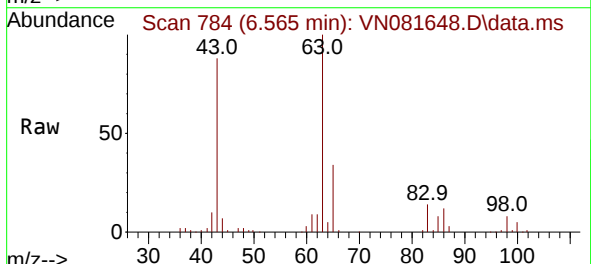
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

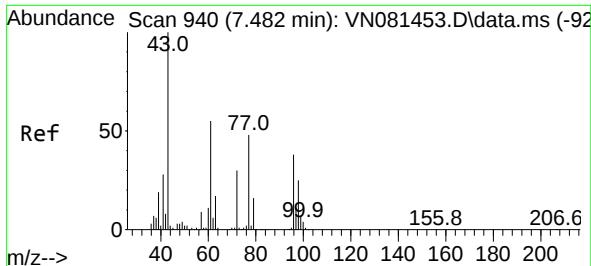
Tgt Ion: 43 Resp: 2519856  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 54.175 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion: 63 Resp: 414168  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 2.9 8.6  
 100 5.3 1.9 5.7

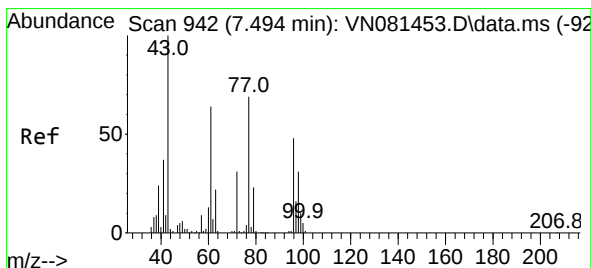
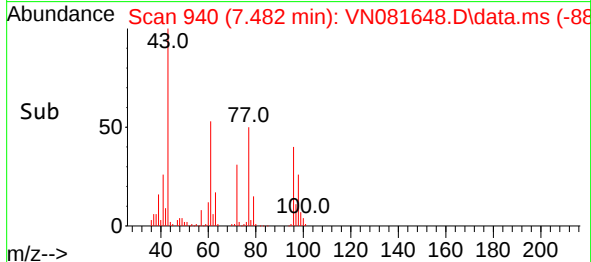
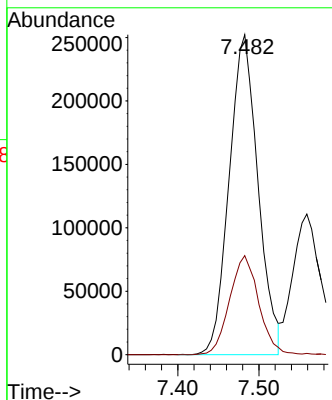
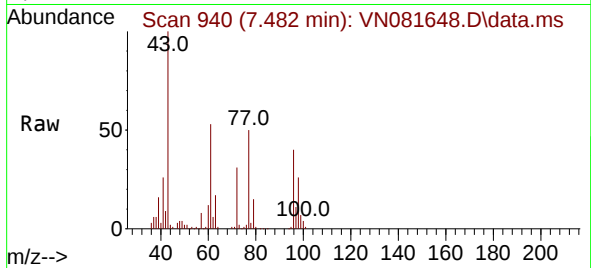




#25  
2-Butanone  
Concen: 265.191 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

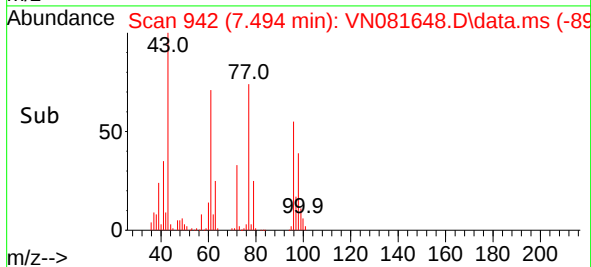
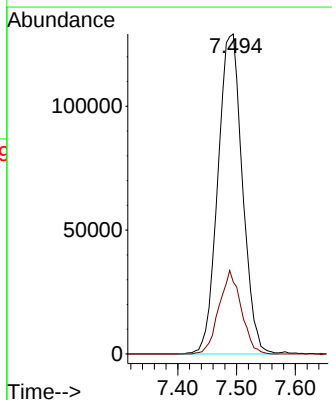
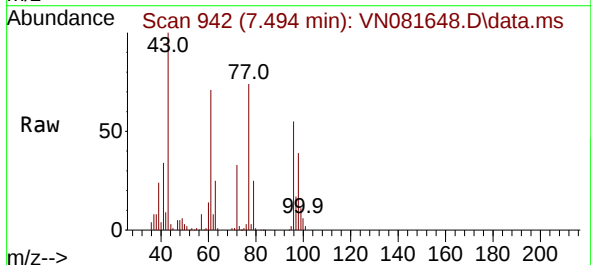
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

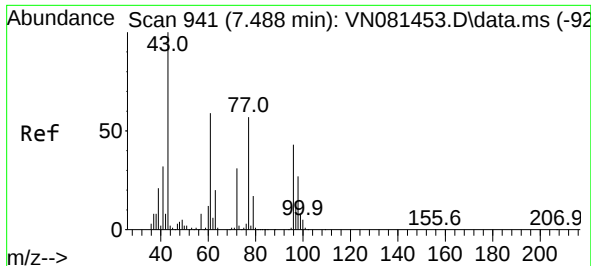
Tgt Ion: 43 Resp: 622732  
Ion Ratio Lower Upper  
43 100  
72 30.9 19.5 29.3#



#26  
2,2-Dichloropropane  
Concen: 56.480 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 77 Resp: 374507  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.5 34.5

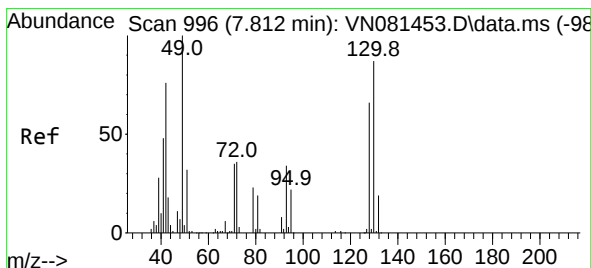
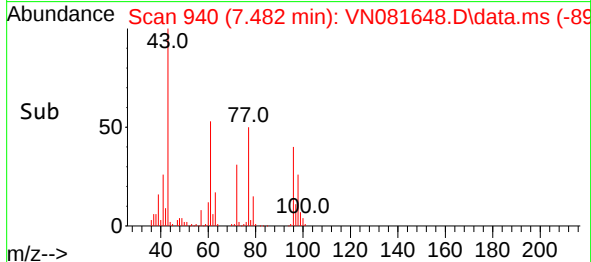
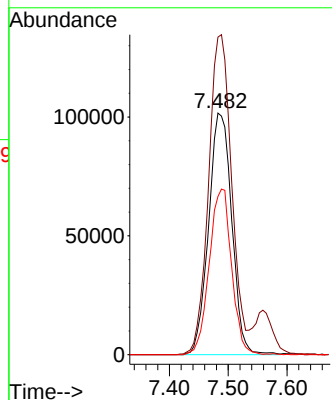
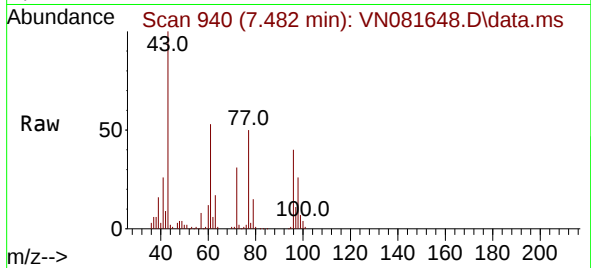




#27  
 cis-1,2-Dichloroethene  
 Concen: 56.261 ug/l  
 RT: 7.482 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

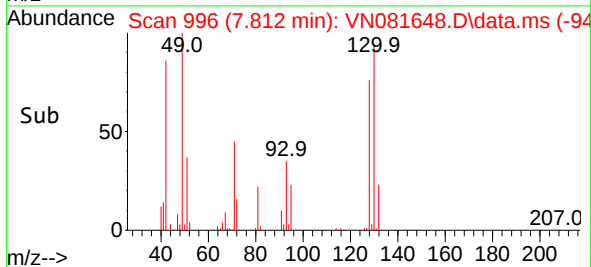
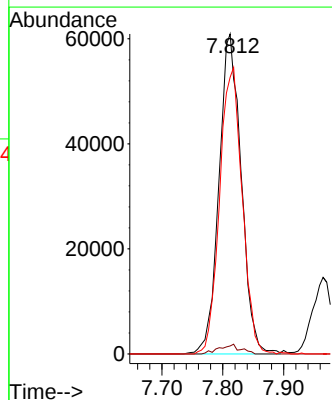
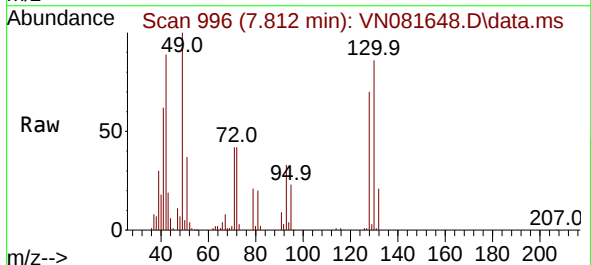
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

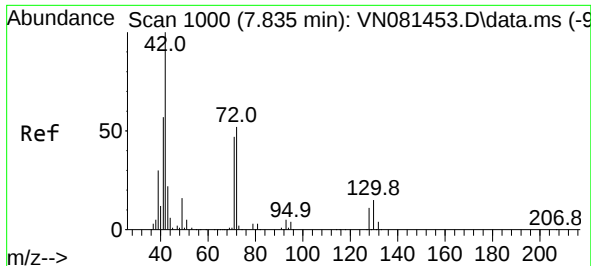
Tgt Ion: 96 Resp: 278254  
 Ion Ratio Lower Upper  
 96 100  
 61 132.3 0.0 325.4  
 98 66.0 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 49.600 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion: 49 Resp: 154448  
 Ion Ratio Lower Upper  
 49 100  
 129 2.9 0.0 1.6#  
 130 90.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 270.994 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

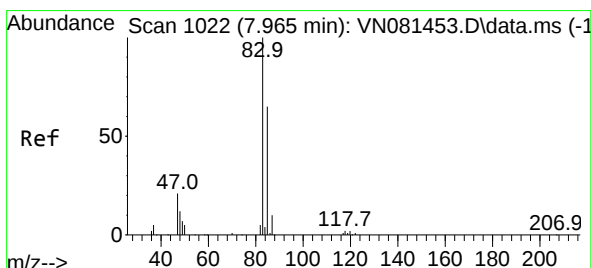
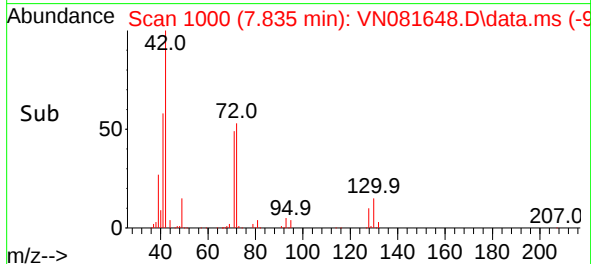
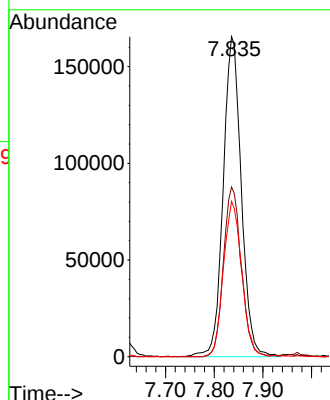
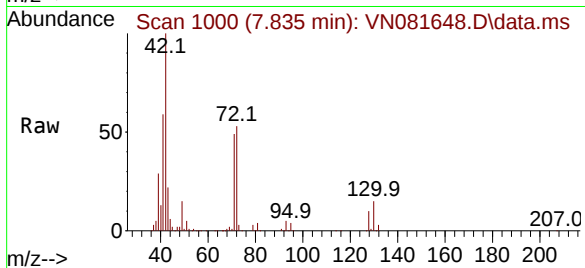
Tgt Ion: 42 Resp: 428694

Ion Ratio Lower Upper

42 100

72 52.3 31.1 46.7#

71 48.9 28.3 42.5#



#30

Chloroform

Concen: 58.069 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081648.D

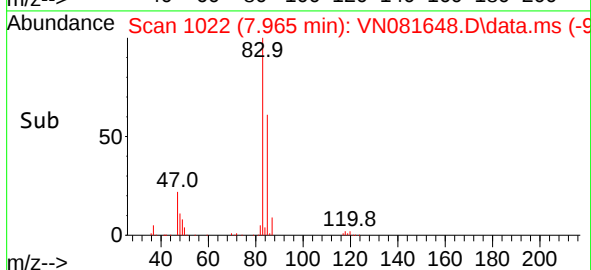
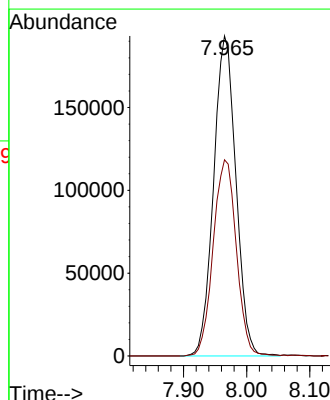
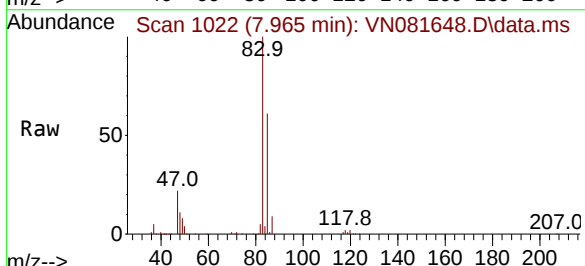
Acq: 02 Apr 2024 10:08

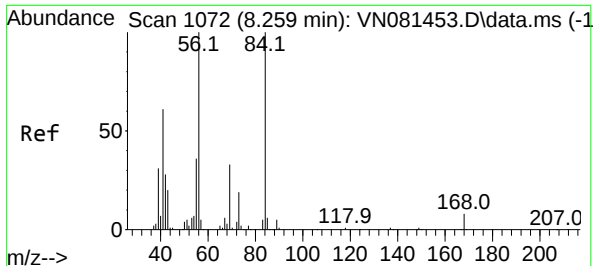
Tgt Ion: 83 Resp: 475249

Ion Ratio Lower Upper

83 100

85 61.3 51.0 76.6

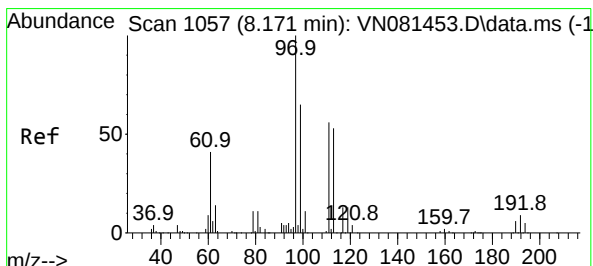
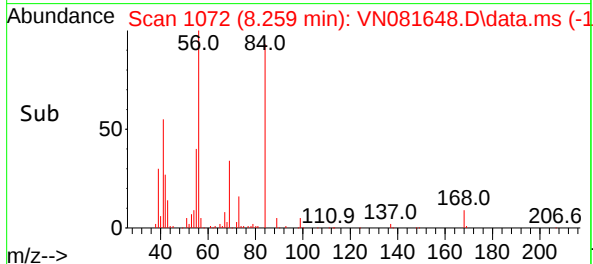
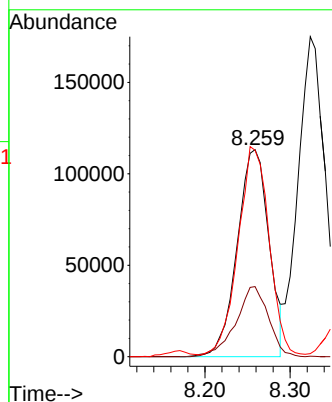
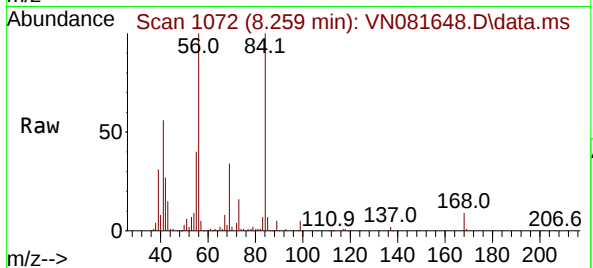




#31  
Cyclohexane  
Concen: 42.510 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

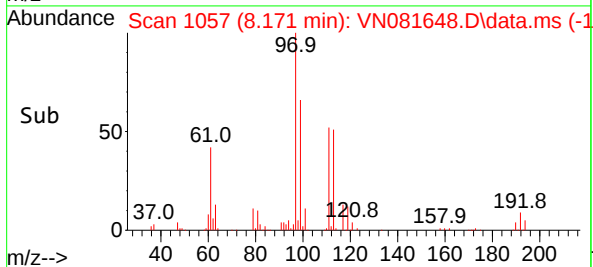
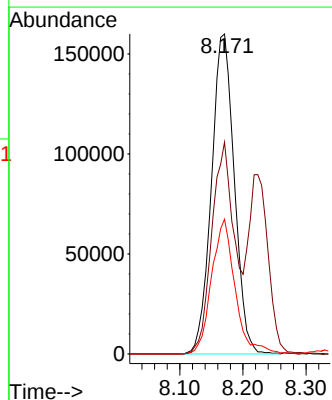
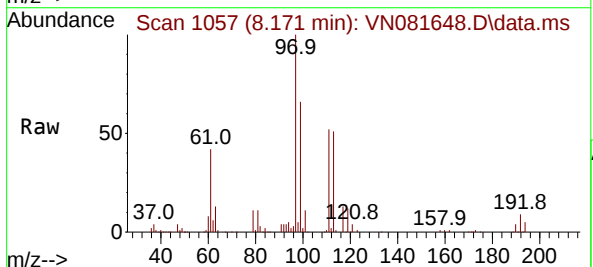
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

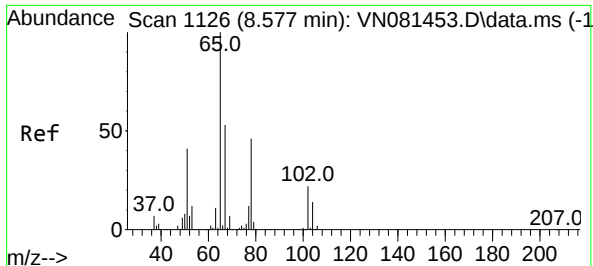
Tgt Ion: 56 Resp: 293046  
Ion Ratio Lower Upper  
56 100  
69 33.8 20.1 30.1#  
84 96.8 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 54.159 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 97 Resp: 402146  
Ion Ratio Lower Upper  
97 100  
99 66.1 53.4 80.0  
61 43.4 43.8 65.8#

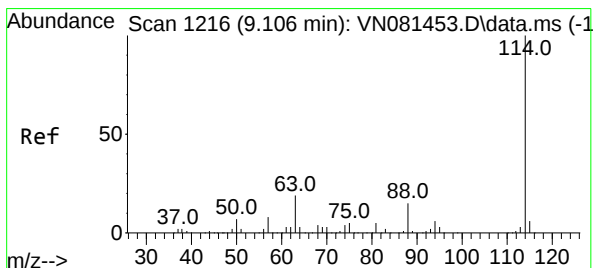
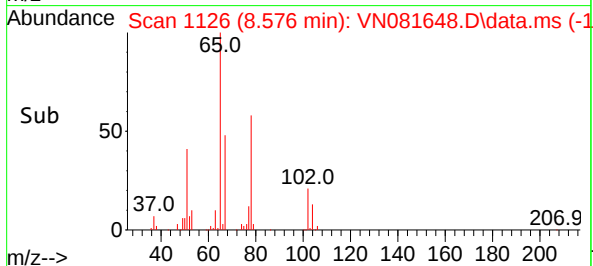
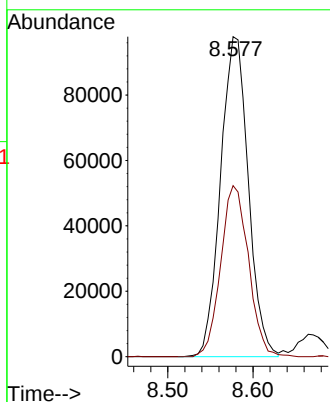
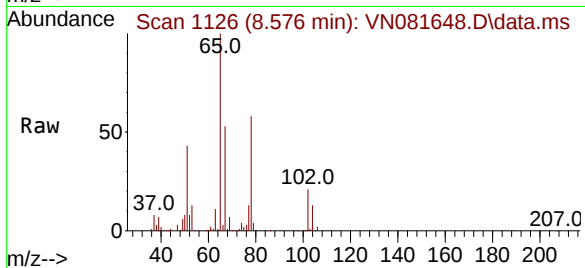




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.356 ug/l  
 RT: 8.576 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

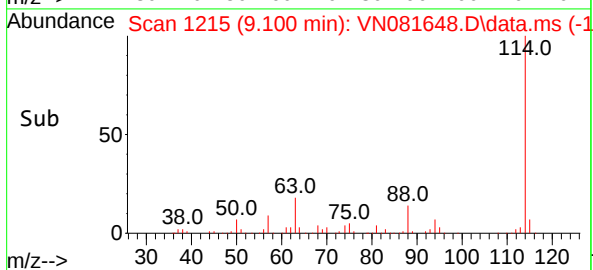
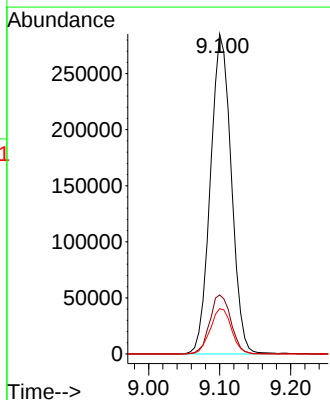
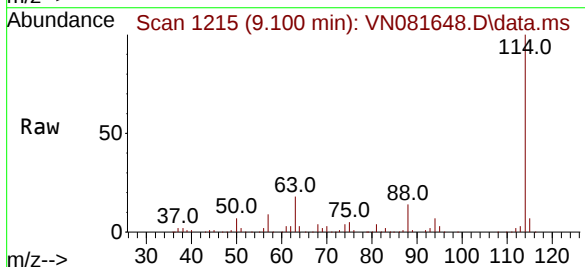
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

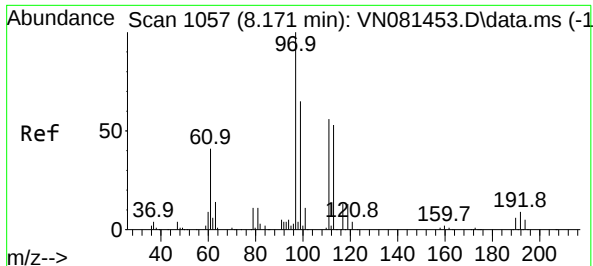
Tgt Ion: 65 Resp: 221798  
 Ion Ratio Lower Upper  
 65 100  
 67 53.5 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. -0.006 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion: 114 Resp: 581723  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 48.0  
 88 14.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 54.082 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

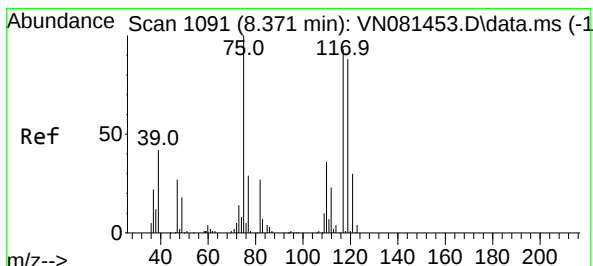
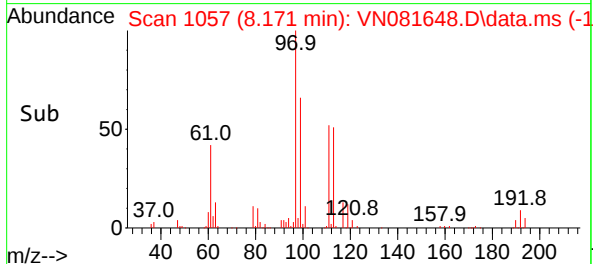
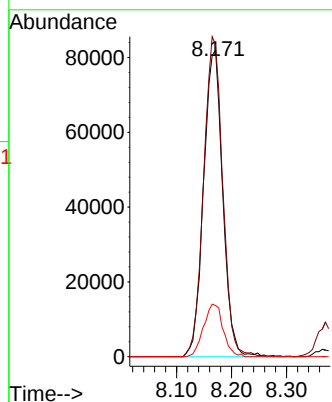
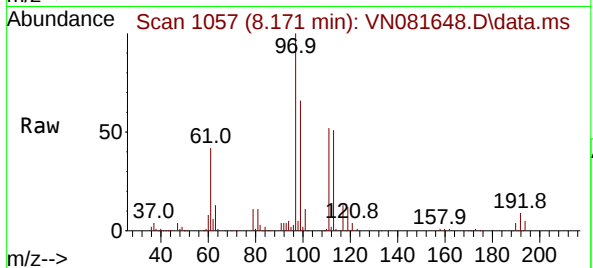
Tgt Ion:113 Resp: 198550

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.5 12.5 18.7



#36

1,1-Dichloropropene

Concen: 48.385 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

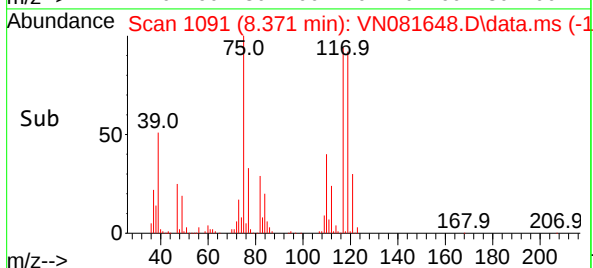
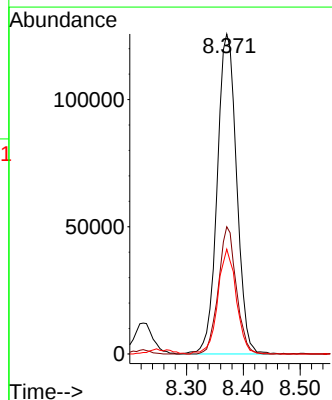
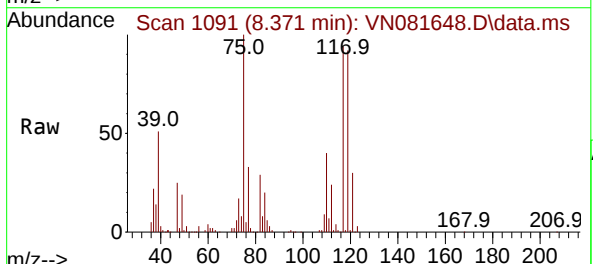
Tgt Ion: 75 Resp: 298937

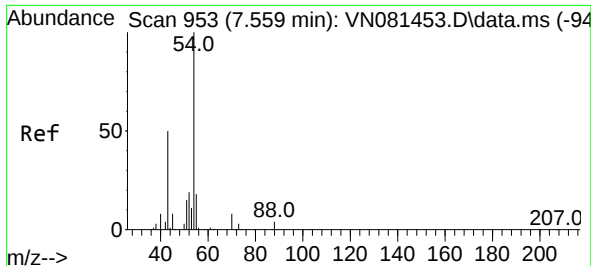
Ion Ratio Lower Upper

75 100

110 36.6 16.0 48.0

77 31.2 25.8 38.6

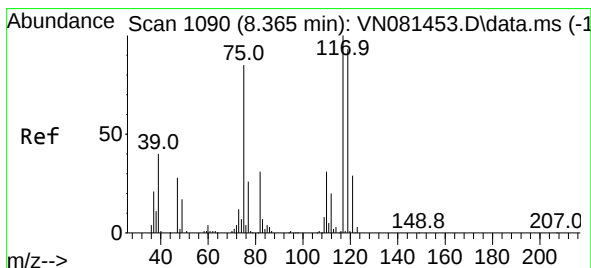
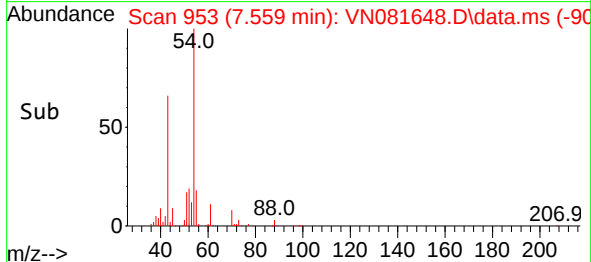
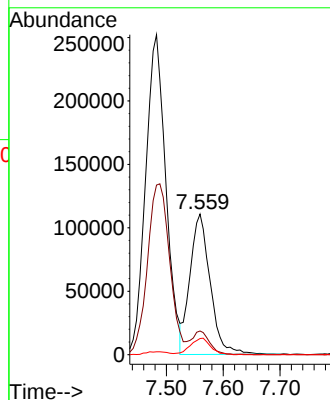
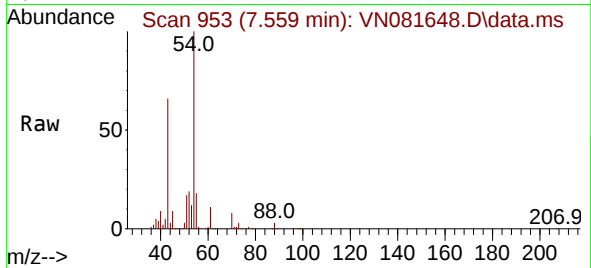




#37  
Ethyl Acetate  
Concen: 51.748 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

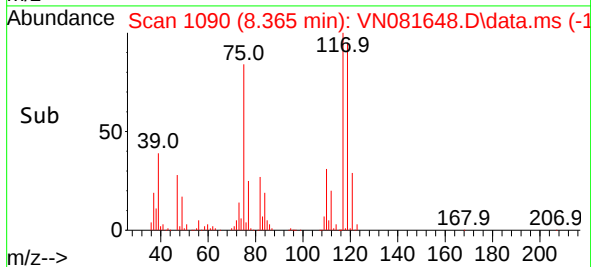
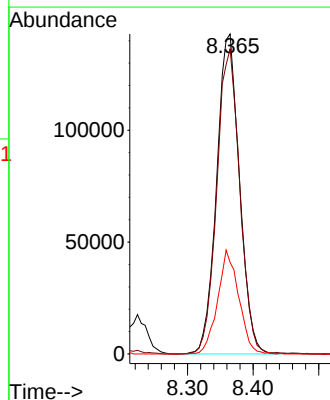
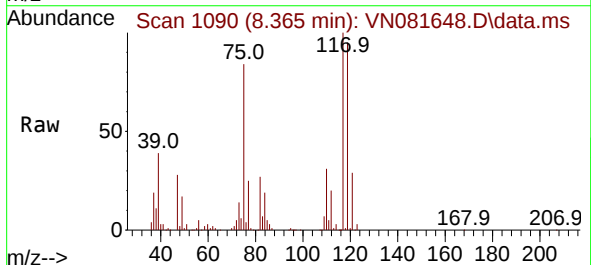
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

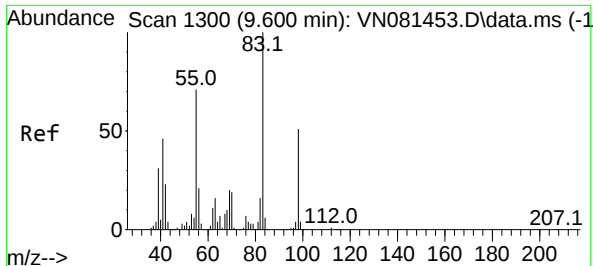
Tgt Ion: 43 Resp: 273771  
Ion Ratio Lower Upper  
43 100  
61 14.3 10.6 15.8  
70 11.7 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 50.996 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 117 Resp: 345141  
Ion Ratio Lower Upper  
117 100  
119 95.3 73.4 110.2  
121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 46.753 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

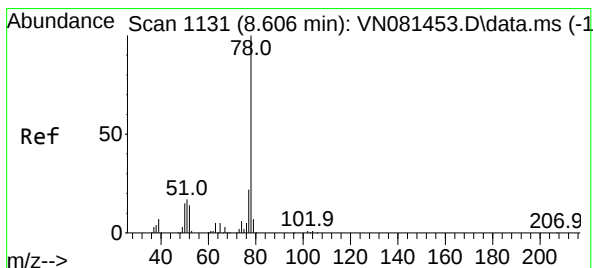
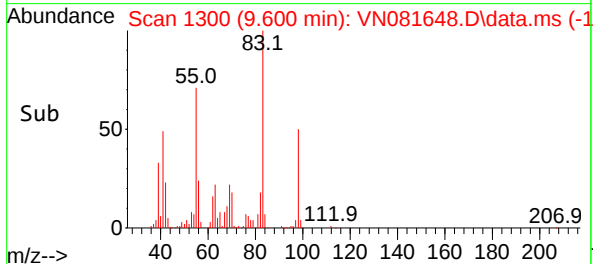
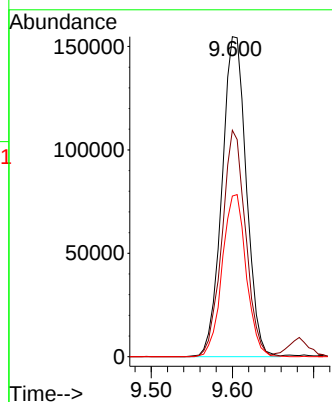
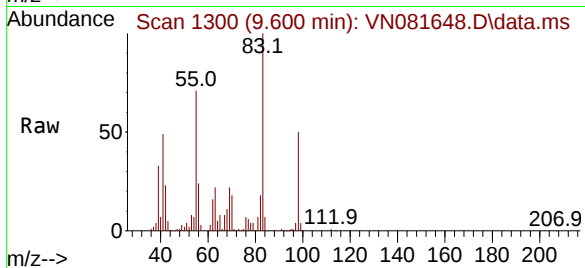
Tgt Ion: 83 Resp: 322577

Ion Ratio Lower Upper

83 100

55 70.7 65.7 98.5

98 50.2 33.8 50.6



#40

Benzene

Concen: 53.905 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081648.D

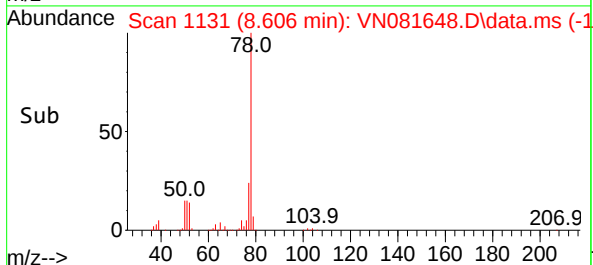
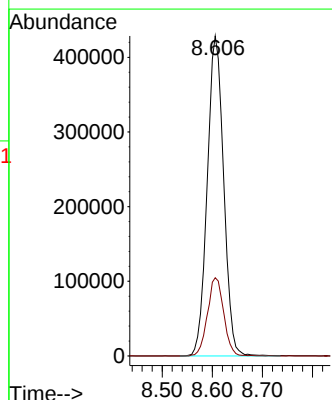
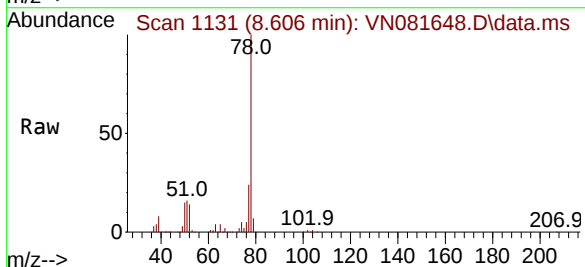
Acq: 02 Apr 2024 10:08

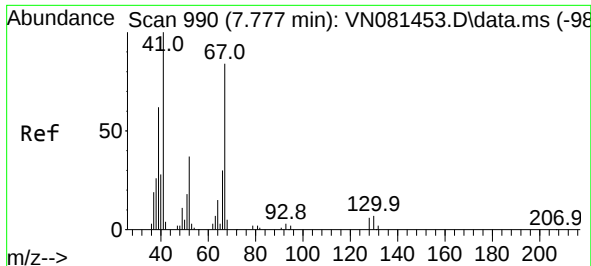
Tgt Ion: 78 Resp: 973670

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

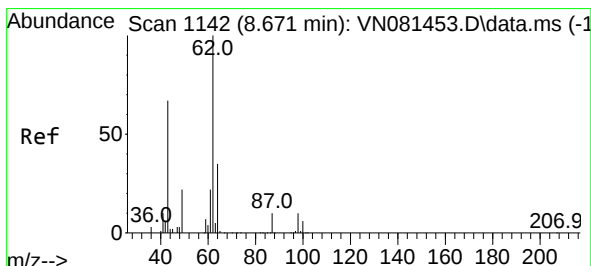
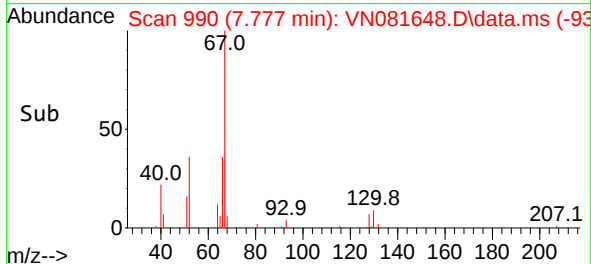
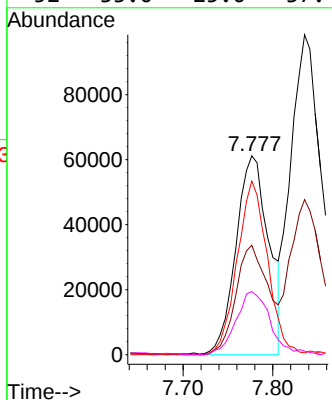
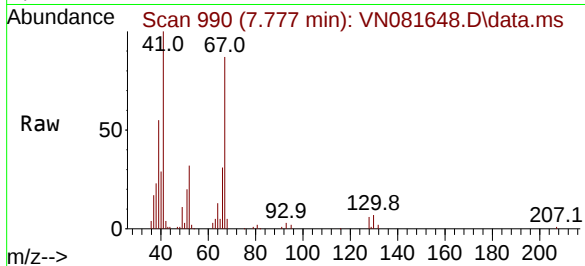




#41  
Methacrylonitrile  
Concen: 55.699 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

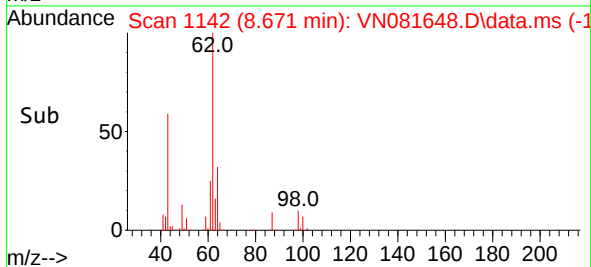
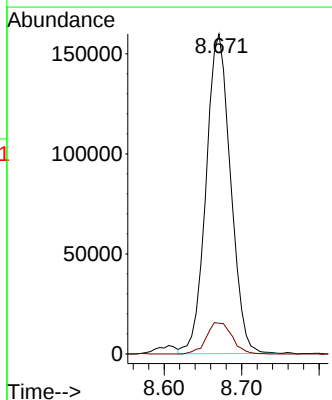
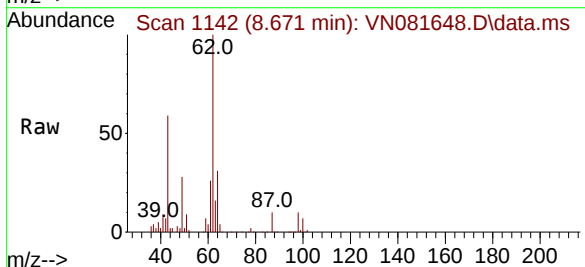
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

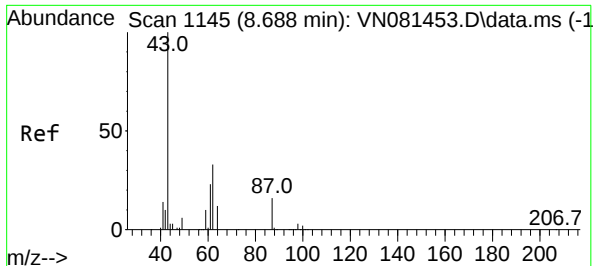
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 155835 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.7  | 48.4  | 72.6   |
| 67       | 80.3  | 56.8  | 85.2   |
| 52       | 33.0  | 25.0  | 37.4   |



#42  
1,2-Dichloroethane  
Concen: 55.162 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 350644 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.3  | 0.0   | 18.0   |

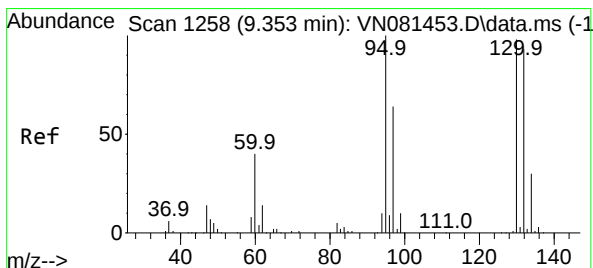
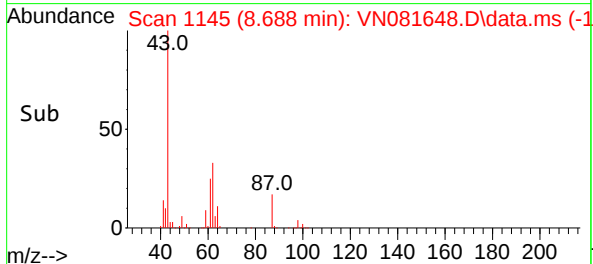
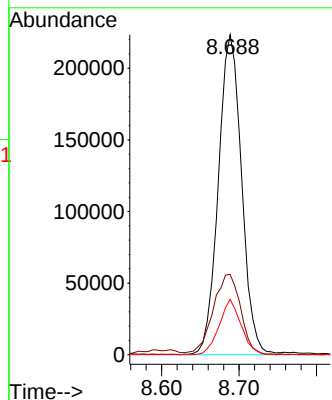
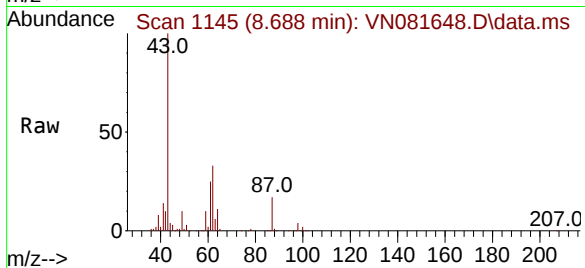




#43  
Isopropyl Acetate  
Concen: 53.157 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

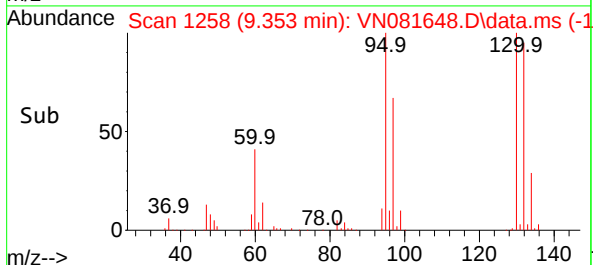
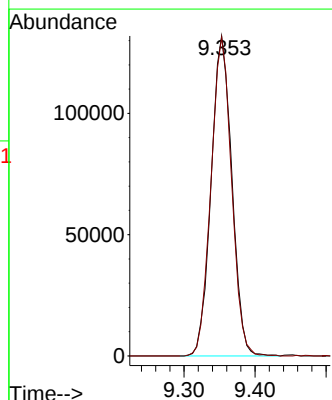
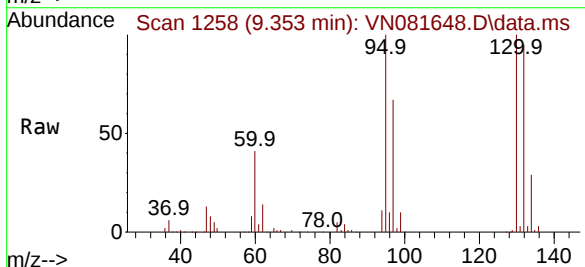
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

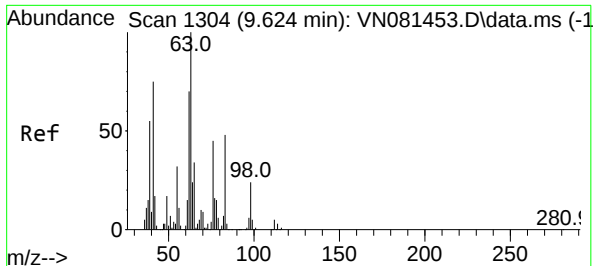
Tgt Ion: 43 Resp: 466162  
Ion Ratio Lower Upper  
43 100  
61 29.6 19.9 29.9  
87 16.2 9.0 13.6#



#44  
Trichloroethene  
Concen: 52.538 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:130 Resp: 266900  
Ion Ratio Lower Upper  
130 100  
95 99.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.426 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

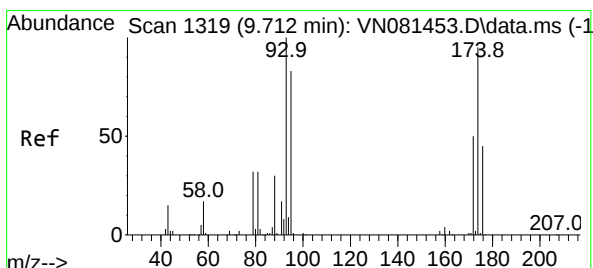
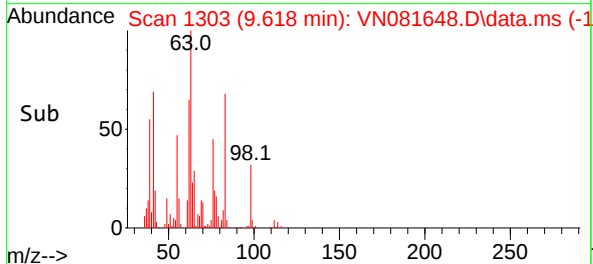
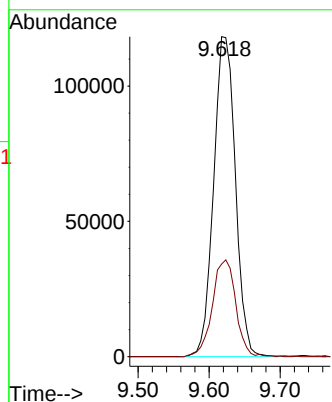
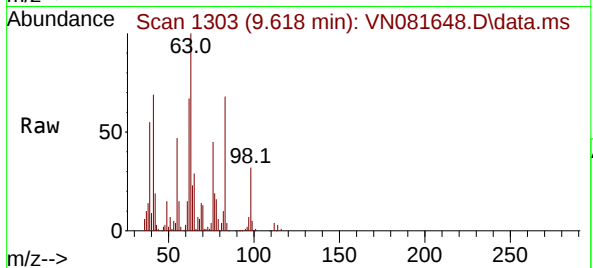
VSTDCCC050

Tgt Ion: 63 Resp: 251384

Ion Ratio Lower Upper

63 100

65 28.9 26.1 39.1



#46

Dibromomethane

Concen: 57.558 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

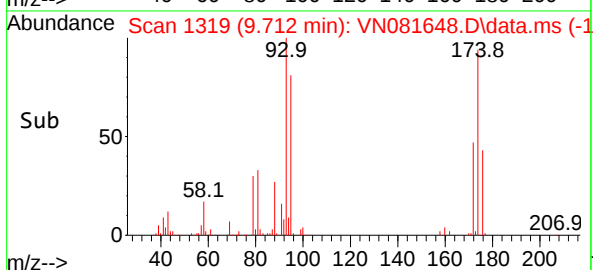
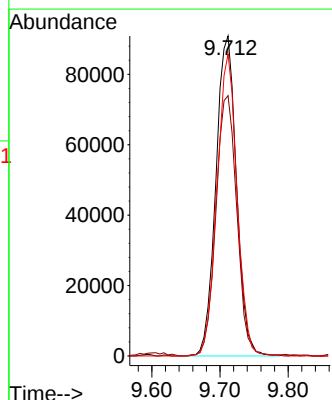
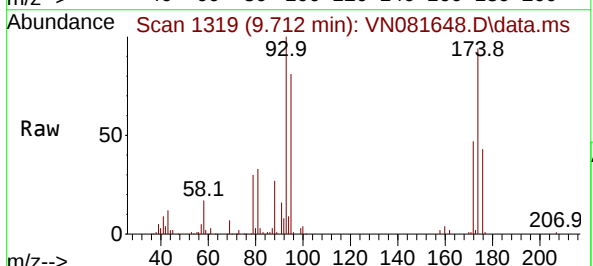
Tgt Ion: 93 Resp: 191345

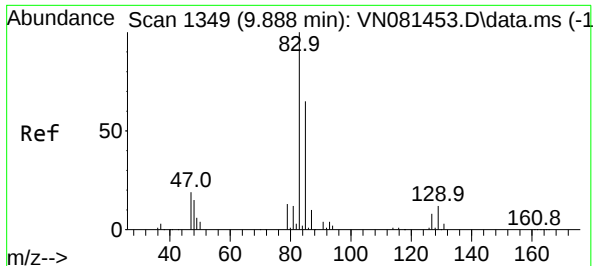
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

174 92.1 57.2 85.8

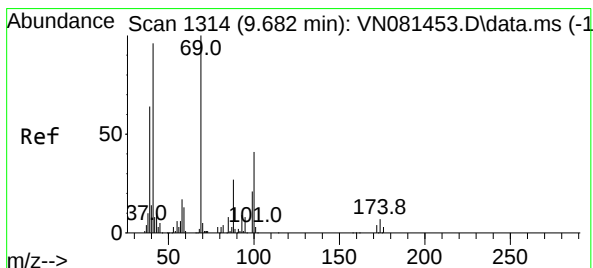
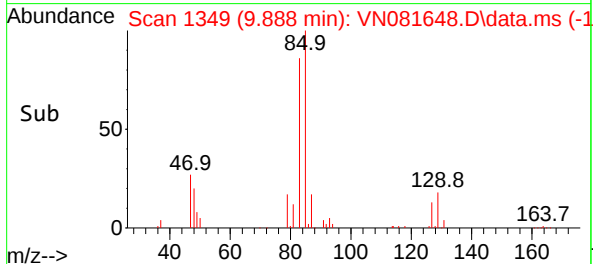
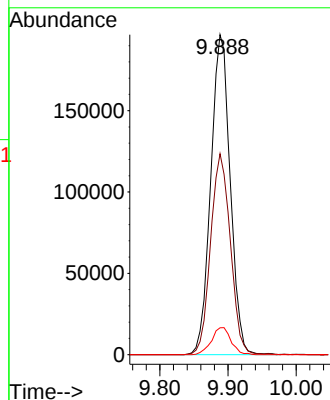
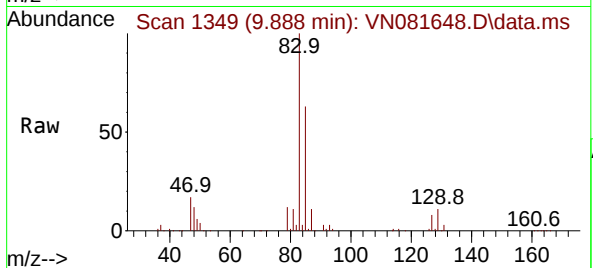




#47  
Bromodichloromethane  
Concen: 60.079 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

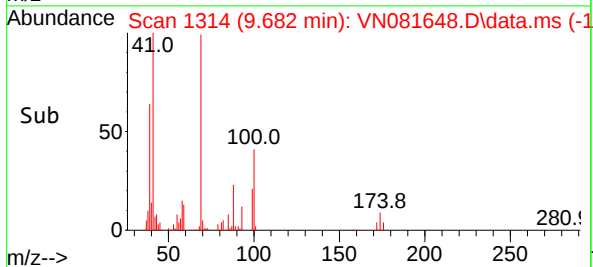
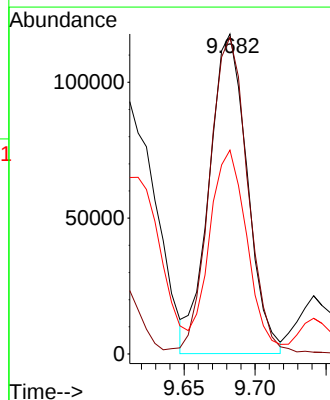
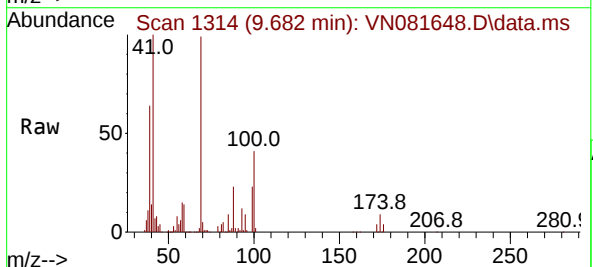
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

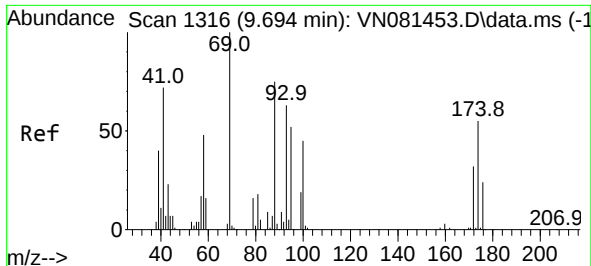
Tgt Ion: 83 Resp: 390500  
Ion Ratio Lower Upper  
83 100  
85 62.8 52.3 78.5  
127 8.4 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 54.284 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 41 Resp: 219570  
Ion Ratio Lower Upper  
41 100  
69 100.0 62.2 93.2#  
39 62.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1036.570 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

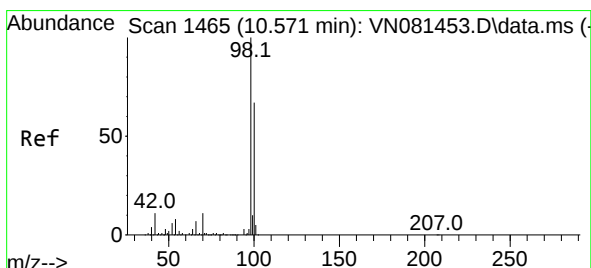
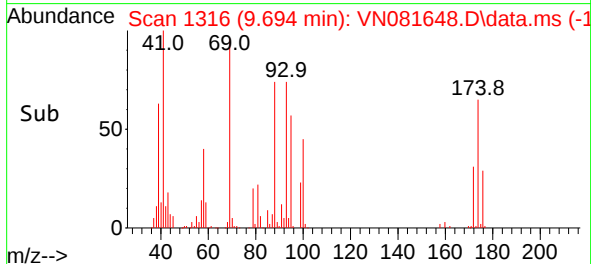
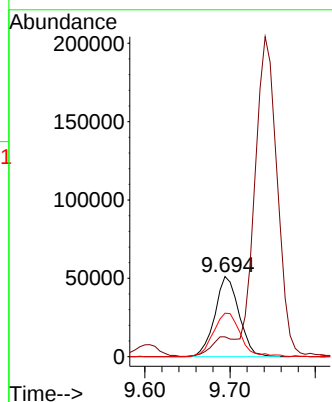
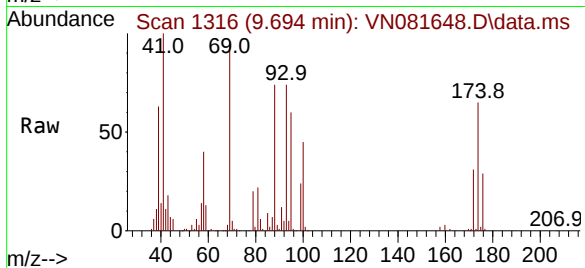
Tgt Ion: 88 Resp: 100759

Ion Ratio Lower Upper

88 100

43 23.6 30.1 45.1#

58 61.2 63.9 95.9#



#50

Toluene-d8

Concen: 50.507 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081648.D

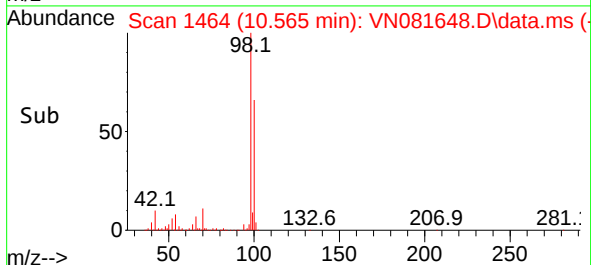
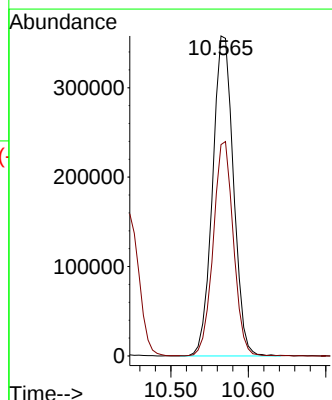
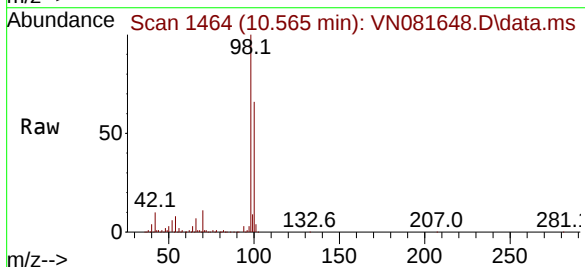
Acq: 02 Apr 2024 10:08

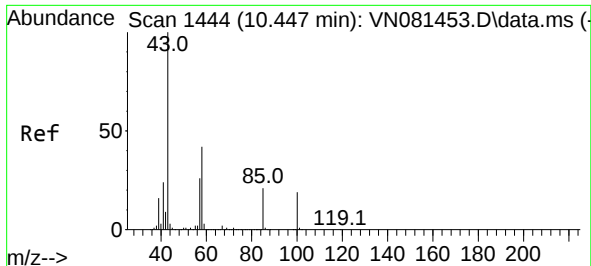
Tgt Ion: 98 Resp: 670284

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

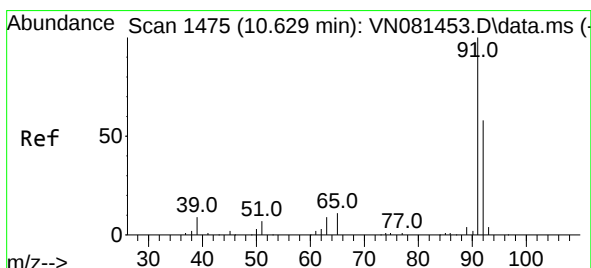
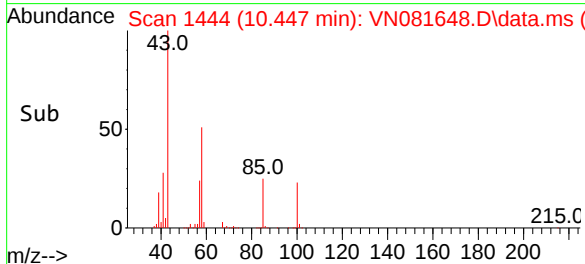
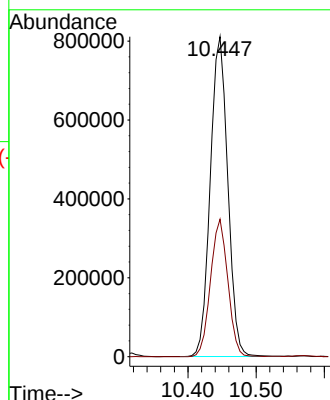
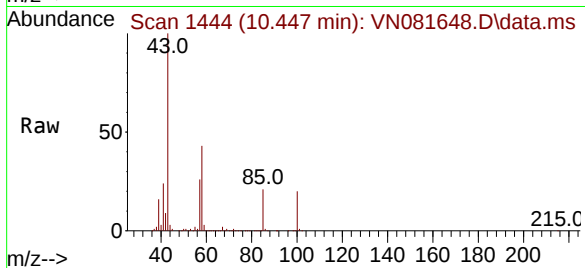




#51  
4-Methyl-2-Pentanone  
Concen: 270.693 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

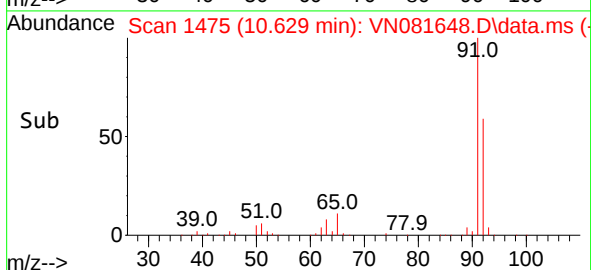
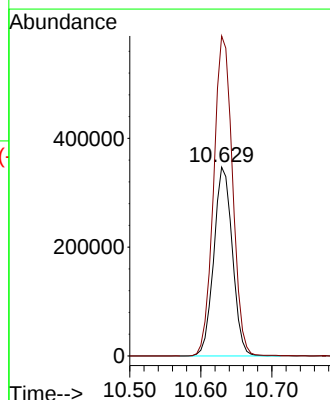
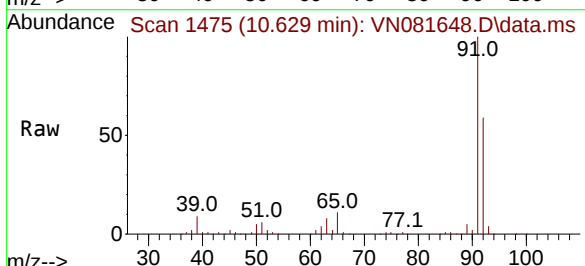
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

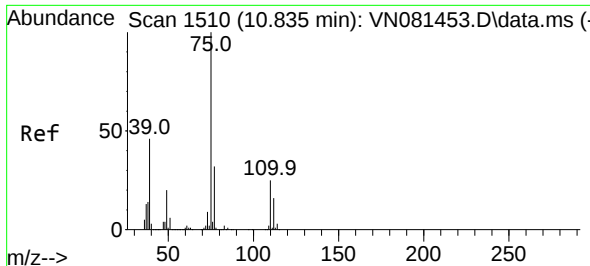
Tgt Ion: 43 Resp: 1448507  
Ion Ratio Lower Upper  
43 100  
58 42.5 29.4 44.0



#52  
Toluene  
Concen: 54.689 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 92 Resp: 627863  
Ion Ratio Lower Upper  
92 100  
91 172.8 139.4 209.0

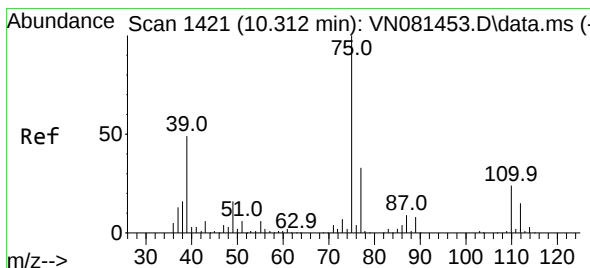
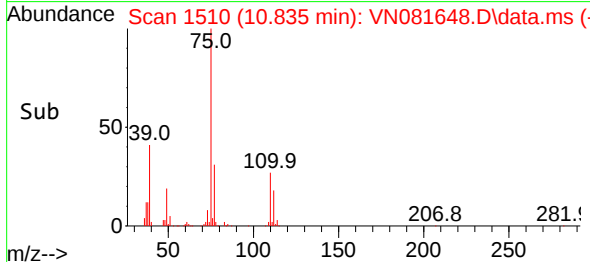
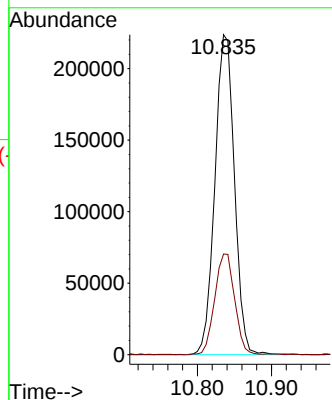
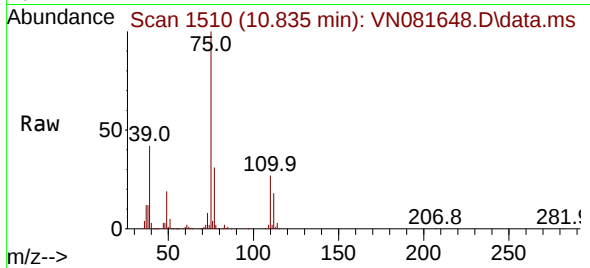




#53  
t-1,3-Dichloropropene  
Concen: 58.316 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

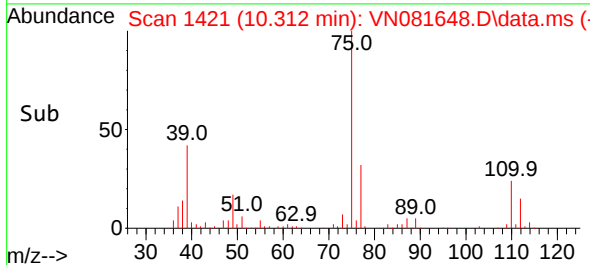
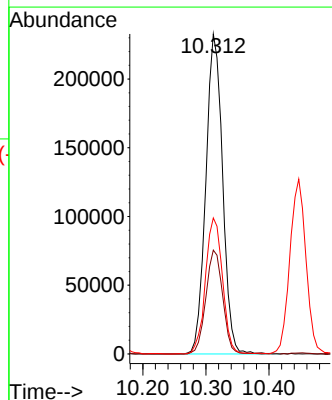
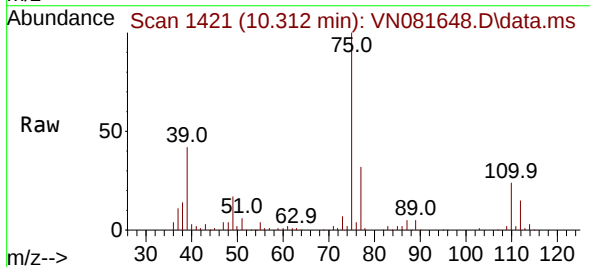
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

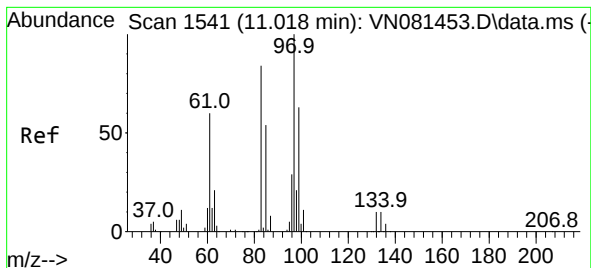
Tgt Ion: 75 Resp: 409292  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 57.138 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 429963  
Ion Ratio Lower Upper  
75 100  
77 32.5 23.3 34.9  
39 42.4 44.6 66.8#



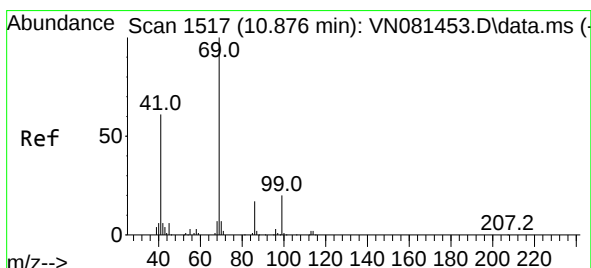
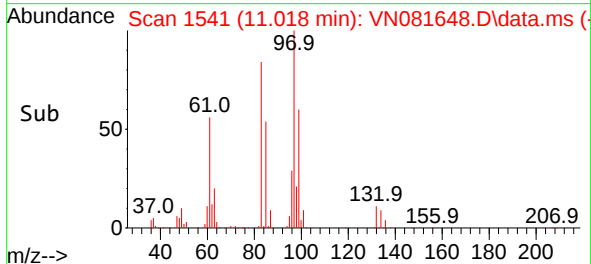
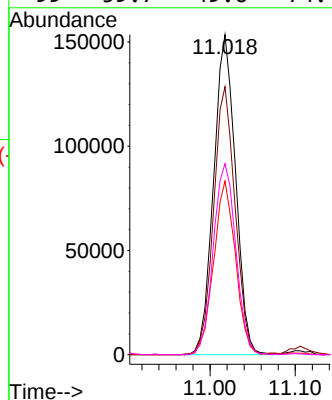
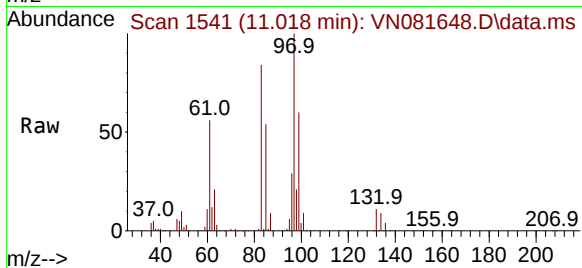


#55  
1,1,2-Trichloroethane  
Concen: 59.579 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 275268

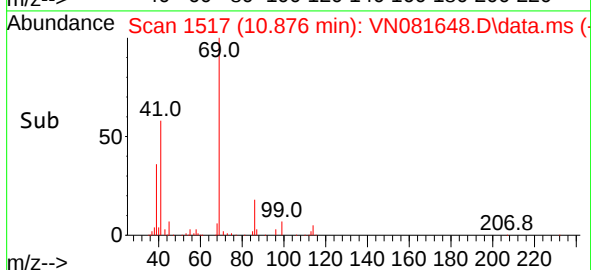
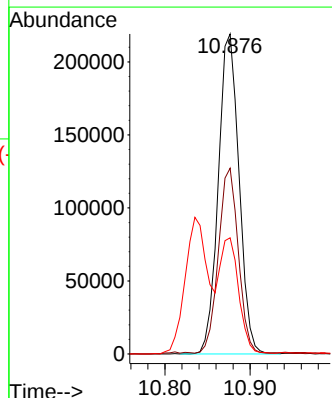
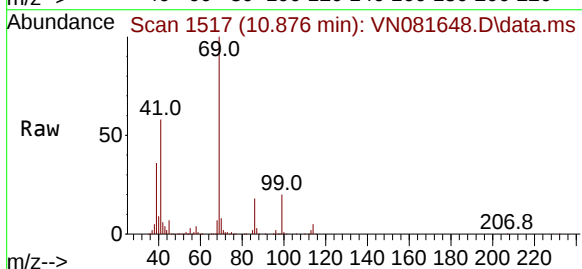
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.8  | 72.9  | 109.3 |
| 85  | 54.3  | 50.2  | 75.2  |
| 99  | 59.7  | 49.6  | 74.4  |

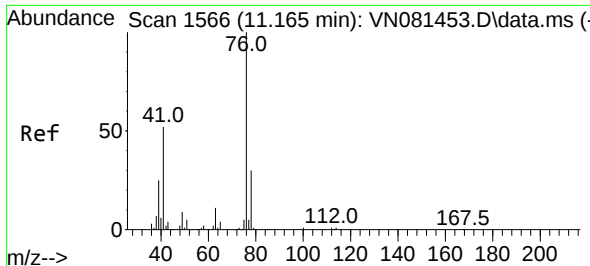


#56  
Ethyl methacrylate  
Concen: 53.480 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 69 Resp: 370708

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 55.4  | 61.0  | 91.6# |
| 39  | 32.5  | 31.8  | 47.6  |





#57

1,3-Dichloropropane

Concen: 59.377 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

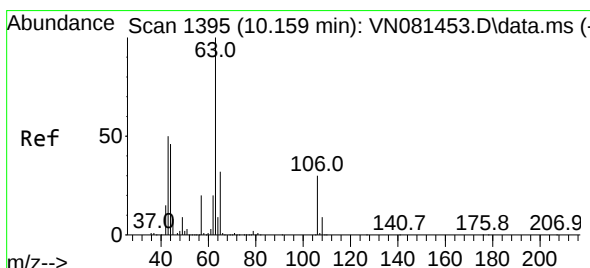
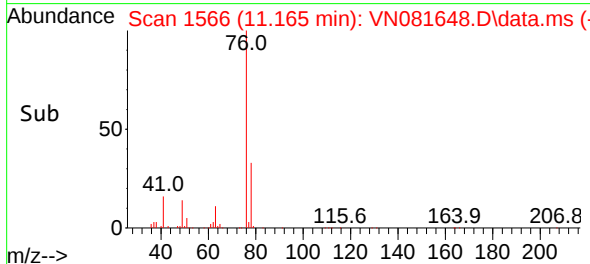
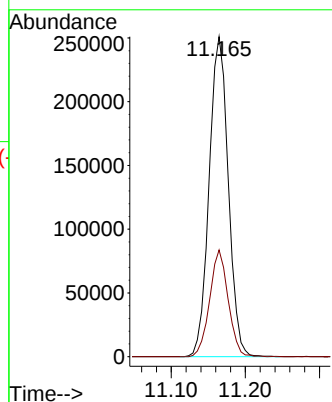
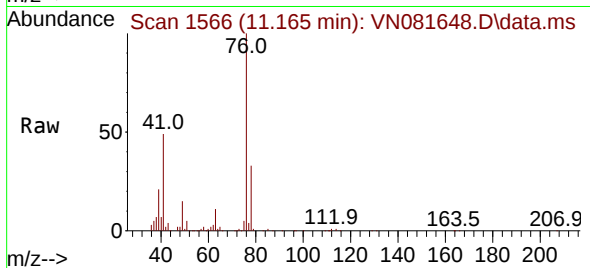
VSTDCCC050

Tgt Ion: 76 Resp: 449726

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 292.096 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081648.D

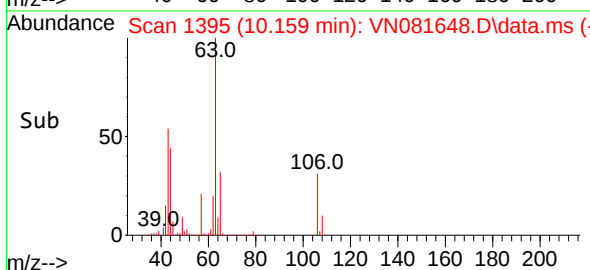
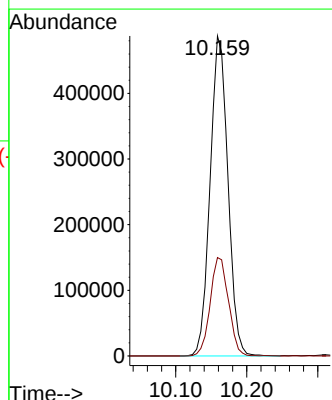
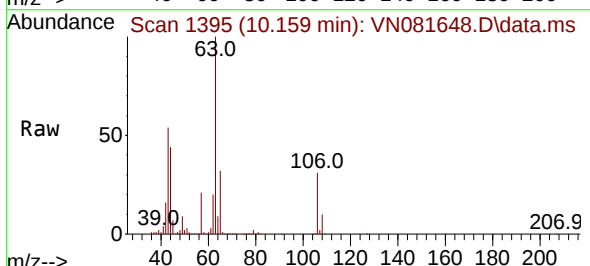
Acq: 02 Apr 2024 10:08

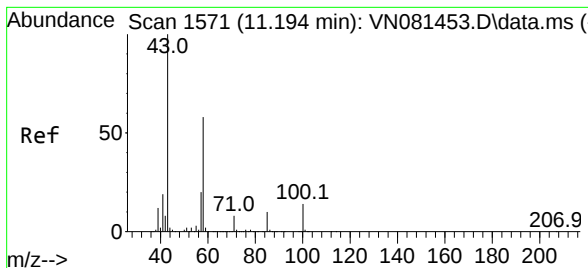
Tgt Ion: 63 Resp: 849177

Ion Ratio Lower Upper

63 100

106 31.5 18.6 28.0#

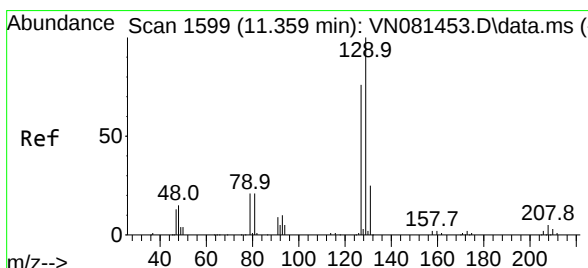
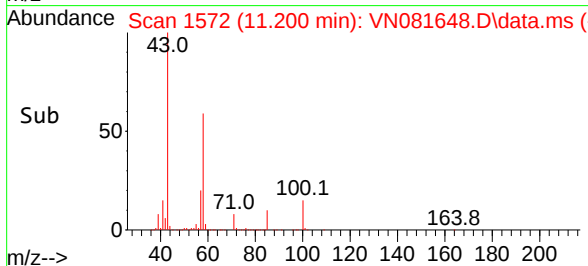
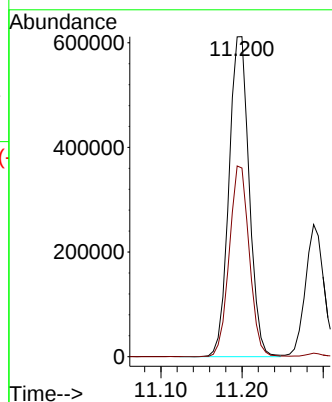
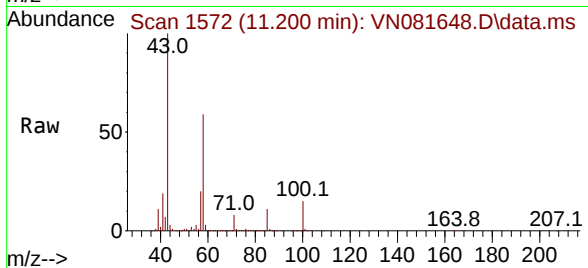




#59  
2-Hexanone  
Concen: 266.863 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

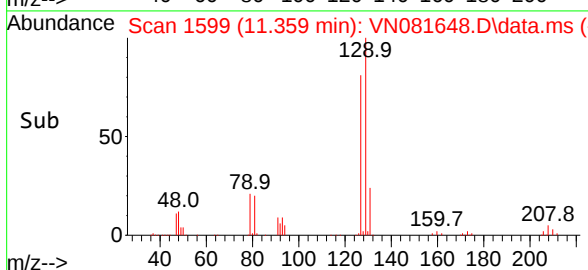
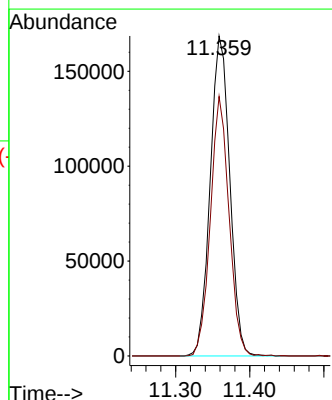
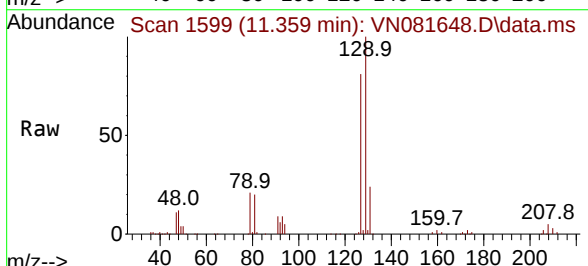
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

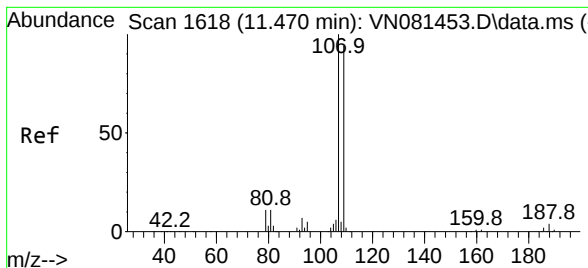
Tgt Ion: 43 Resp: 1055790  
Ion Ratio Lower Upper  
43 100  
58 59.0 25.9 77.8



#60  
Dibromochloromethane  
Concen: 60.842 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:129 Resp: 309151  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.4 118.2

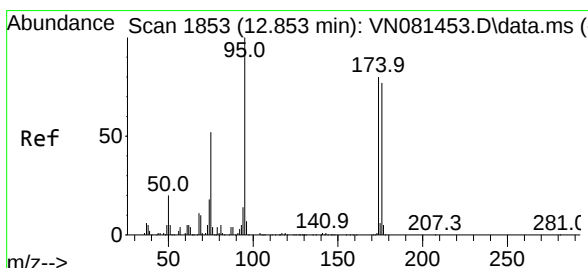
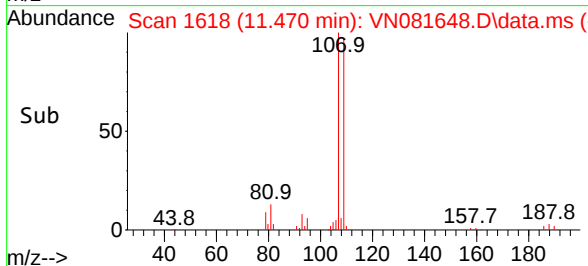
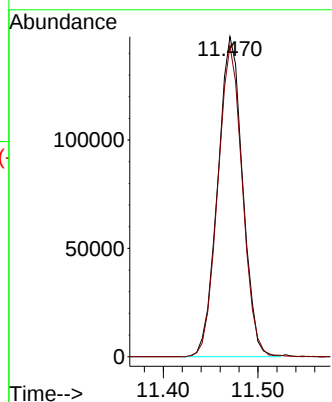
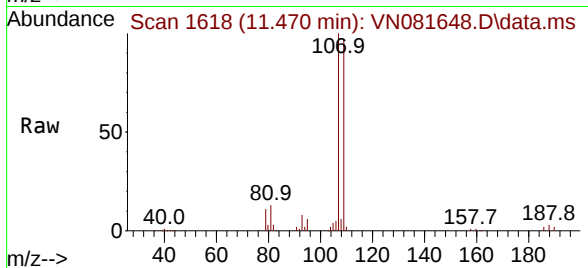




#61  
1,2-Dibromoethane  
Concen: 57.234 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

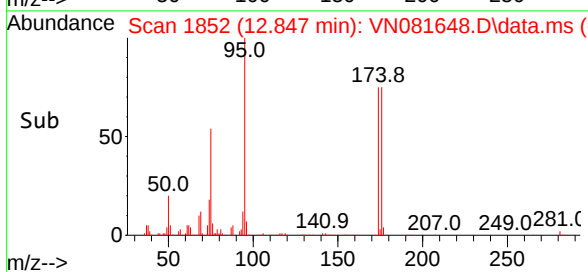
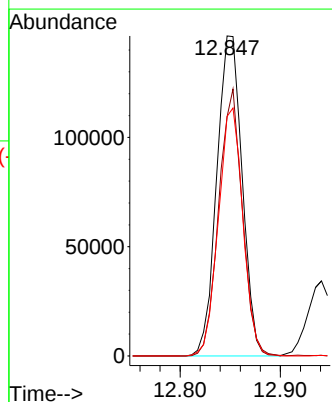
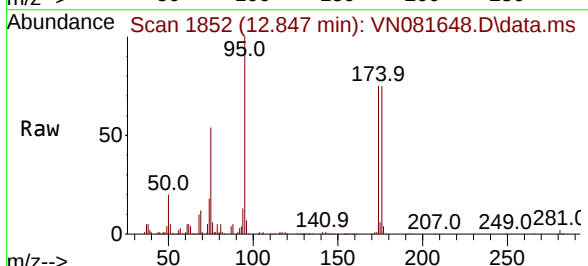
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

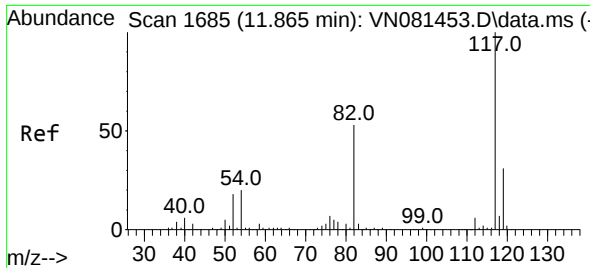
Tgt Ion:107 Resp: 269598  
Ion Ratio Lower Upper  
107 100  
109 96.1 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 55.016 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 95 Resp: 257267  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 120.4  
176 75.0 0.0 121.0

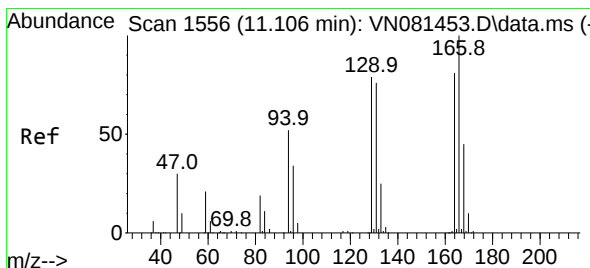
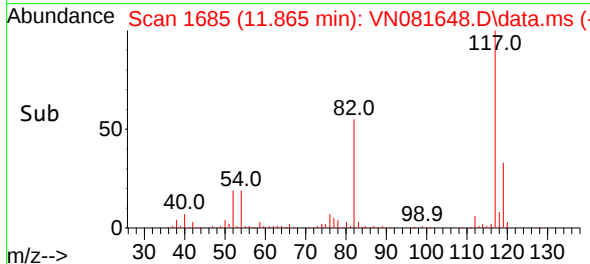
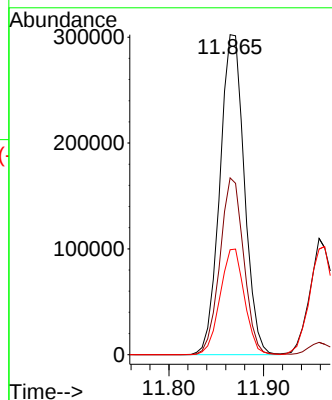
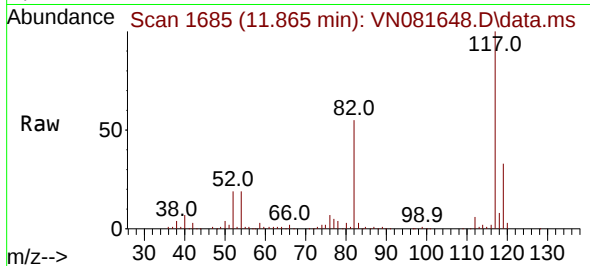




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

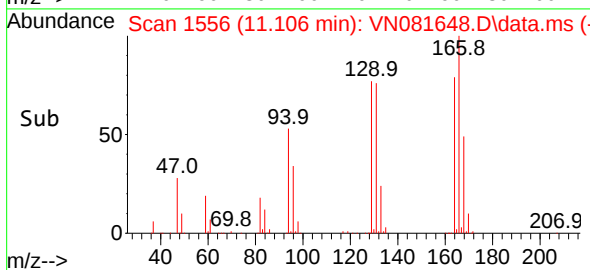
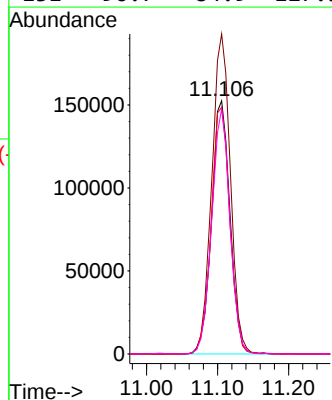
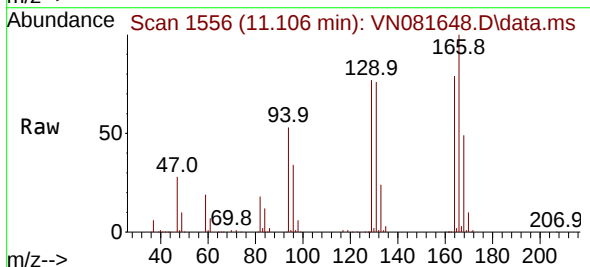
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

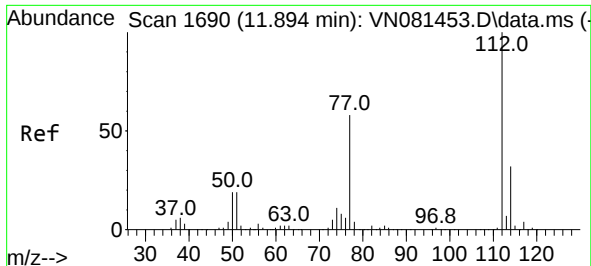
Tgt Ion:117 Resp: 543285  
Ion Ratio Lower Upper  
117 100  
82 55.2 52.7 79.1  
119 32.8 25.3 37.9



#64  
Tetrachloroethene  
Concen: 52.913 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:164 Resp: 274783  
Ion Ratio Lower Upper  
164 100  
166 126.4 105.8 158.6  
129 97.5 89.6 134.4  
131 96.7 84.9 127.3

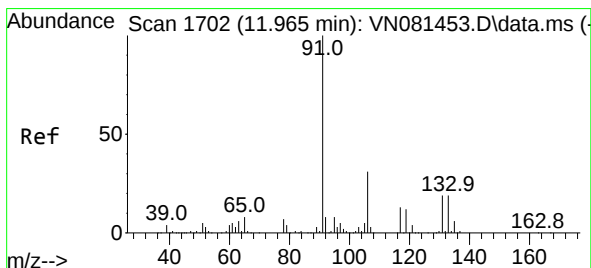
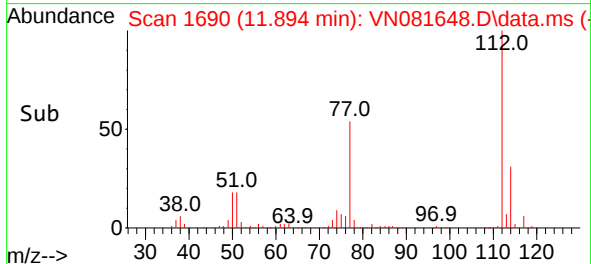
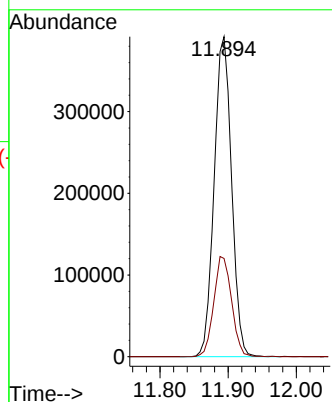
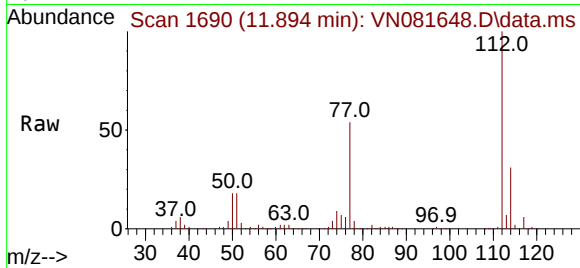




#65  
Chlorobenzene  
Concen: 54.132 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

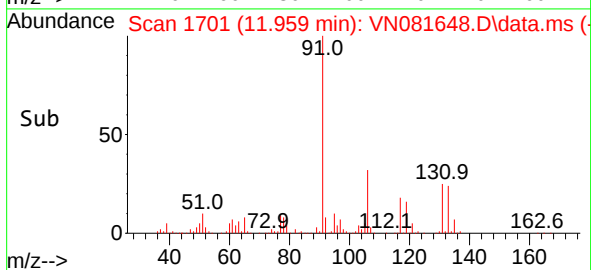
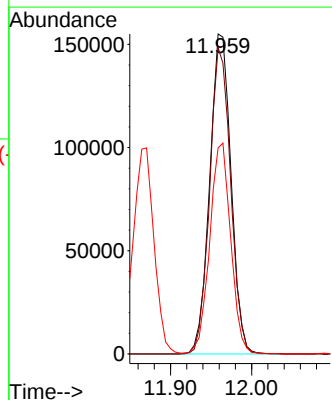
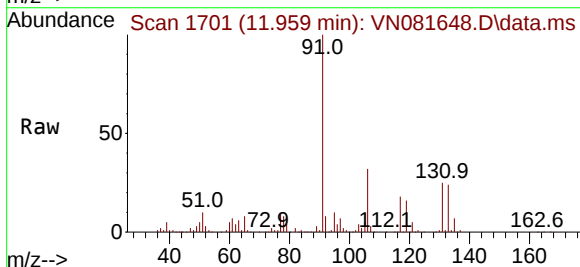
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

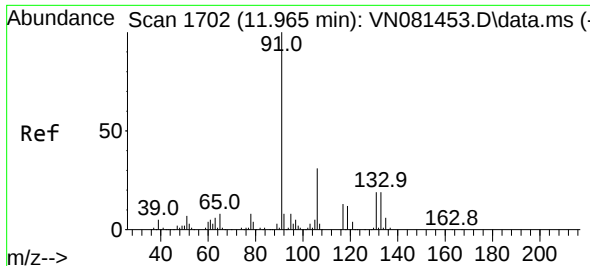
Tgt Ion:112 Resp: 695235  
Ion Ratio Lower Upper  
112 100  
114 30.7 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 59.352 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:131 Resp: 282518  
Ion Ratio Lower Upper  
131 100  
133 94.4 46.8 140.3  
119 64.8 34.6 103.9

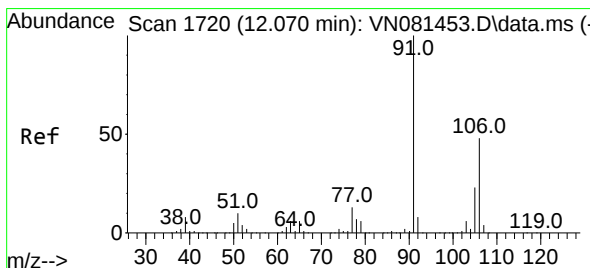
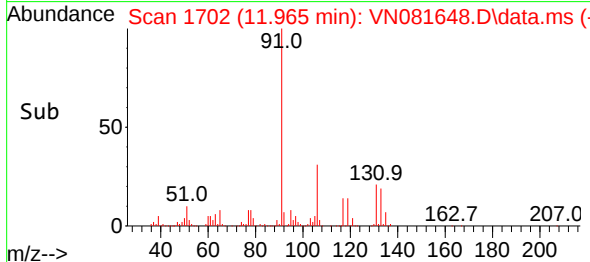
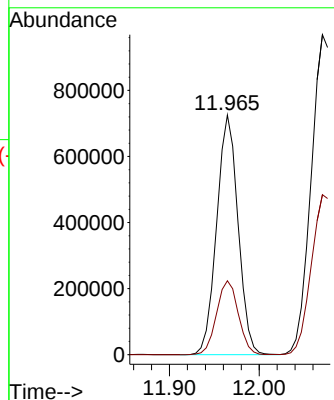
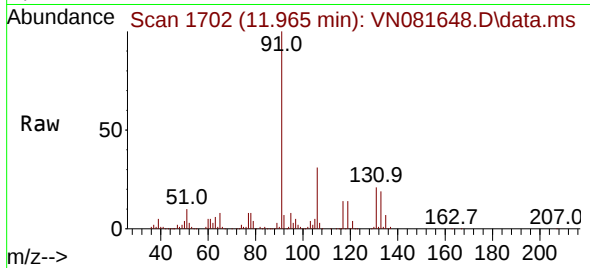




#67  
Ethyl Benzene  
Concen: 53.723 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

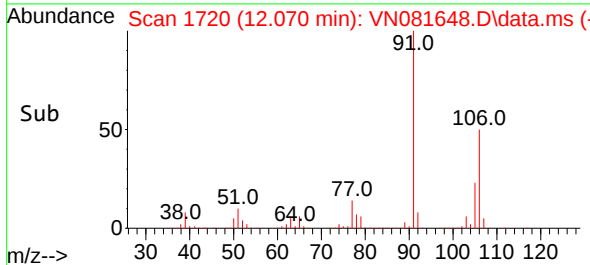
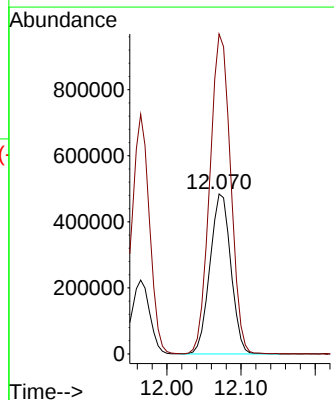
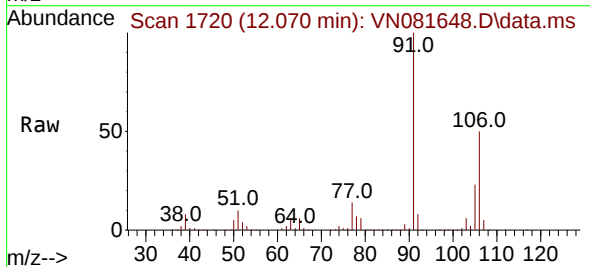
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

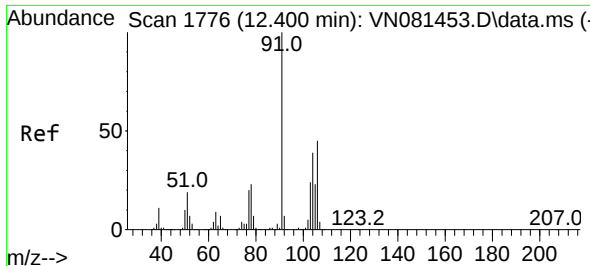
Tgt Ion: 91 Resp: 1198532  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.8 35.6



#68  
m/p-Xylenes  
Concen: 113.446 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:106 Resp: 948808  
Ion Ratio Lower Upper  
106 100  
91 199.2 169.0 253.6

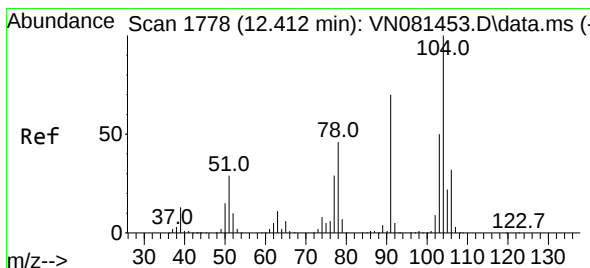
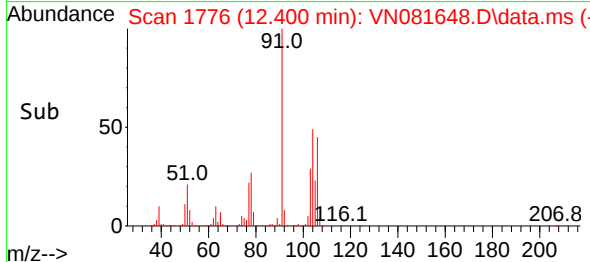
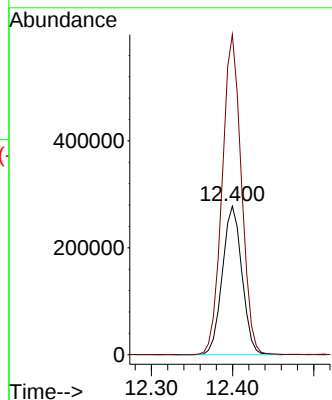
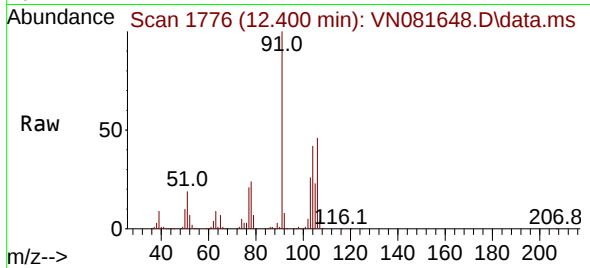




#69  
o-Xylene  
Concen: 56.684 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

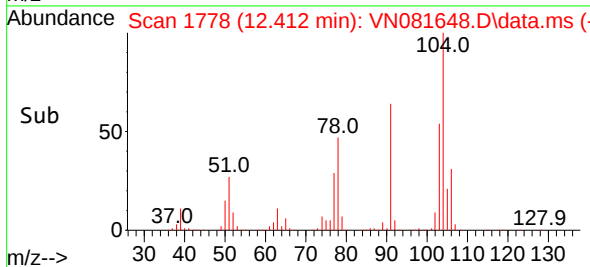
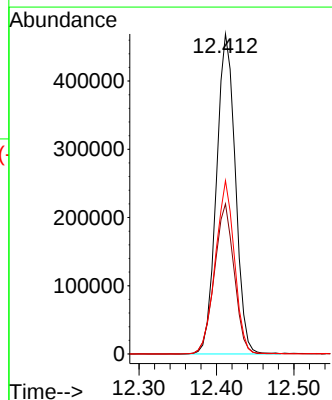
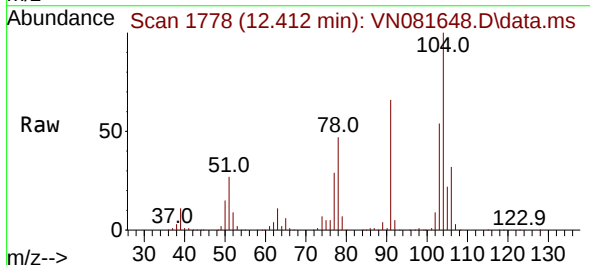
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

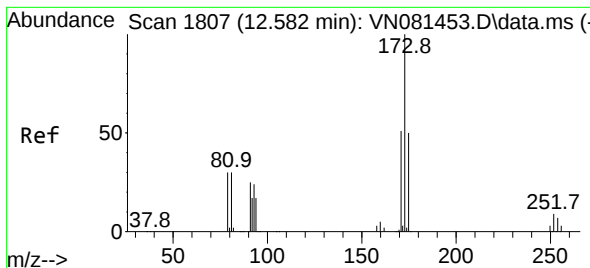
Tgt Ion:106 Resp: 465418  
Ion Ratio Lower Upper  
106 100  
91 212.0 112.1 336.3



#70  
Styrene  
Concen: 60.037 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion:104 Resp: 795027  
Ion Ratio Lower Upper  
104 100  
78 48.9 43.8 65.8  
103 54.7 44.2 66.2





#71

Bromoform

Concen: 58.918 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

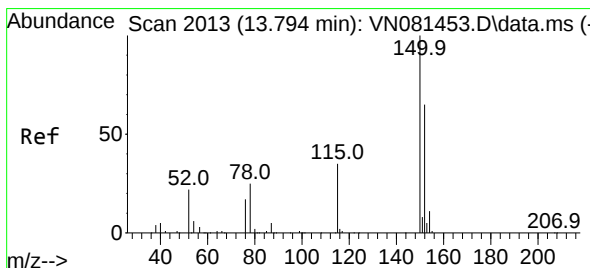
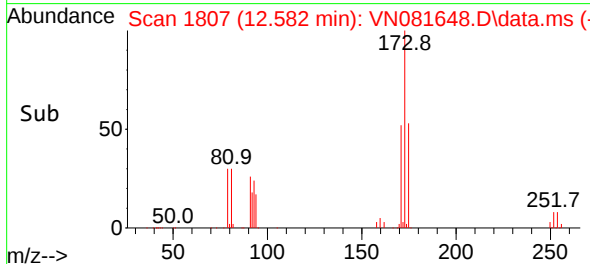
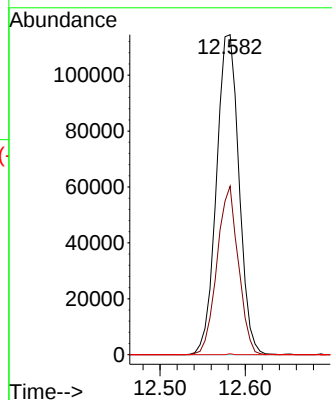
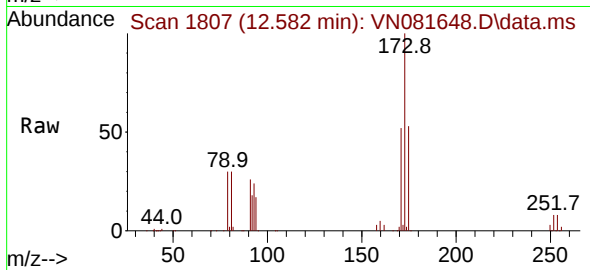
Tgt Ion:173 Resp: 210749

Ion Ratio Lower Upper

173 100

175 49.8 23.1 69.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

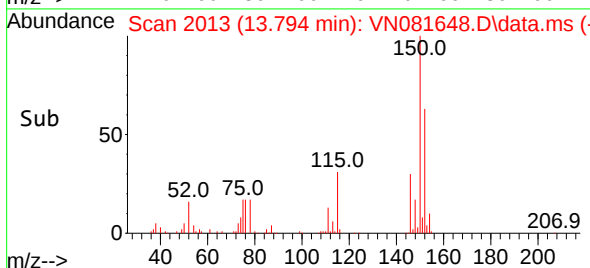
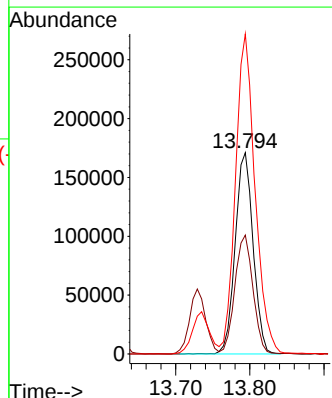
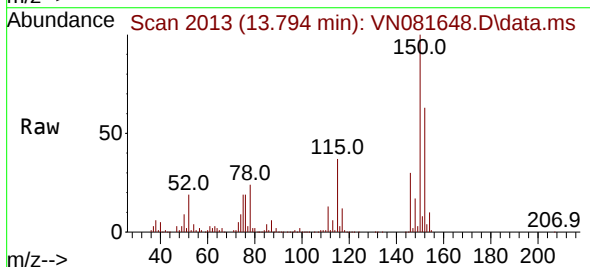
Tgt Ion:152 Resp: 287177

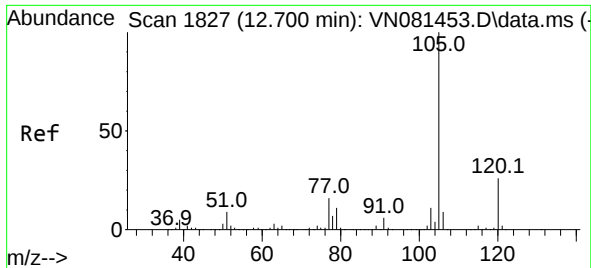
Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 173.7 0.0 339.8

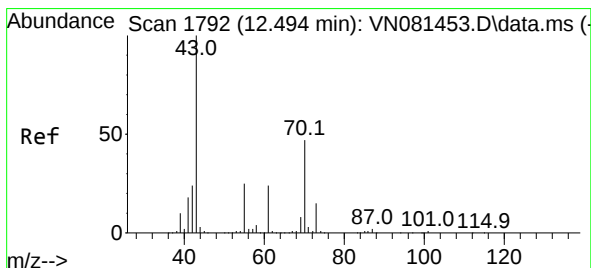
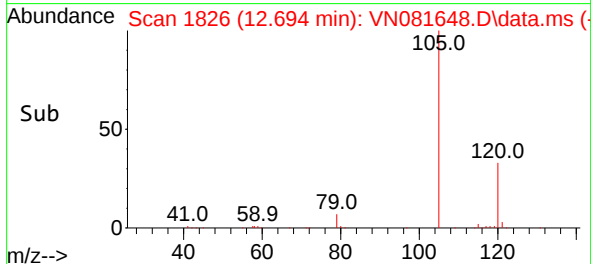
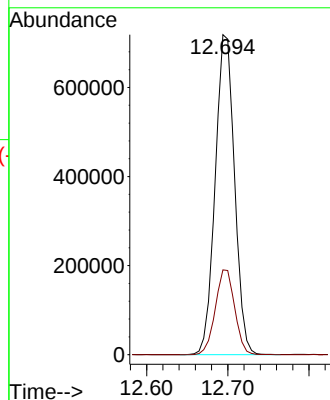
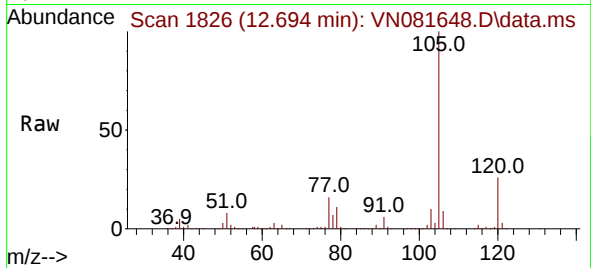




#73  
Isopropylbenzene  
Concen: 48.633 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

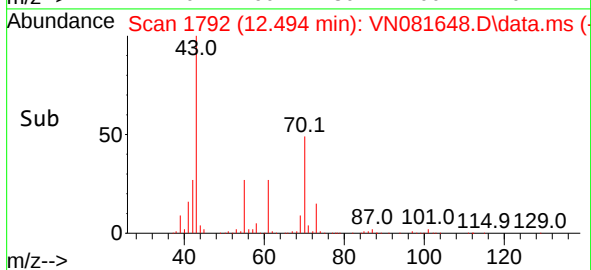
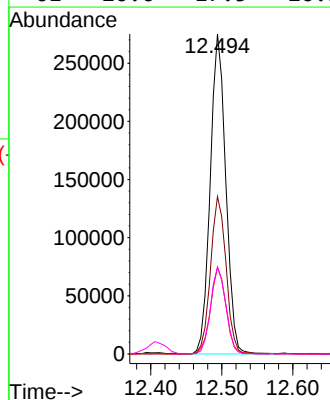
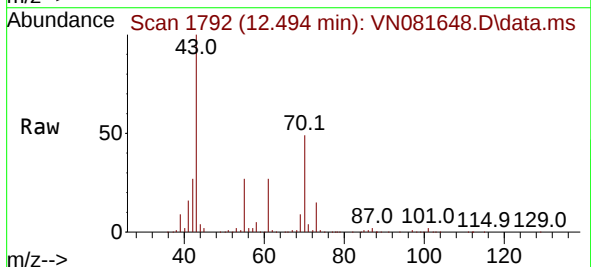
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

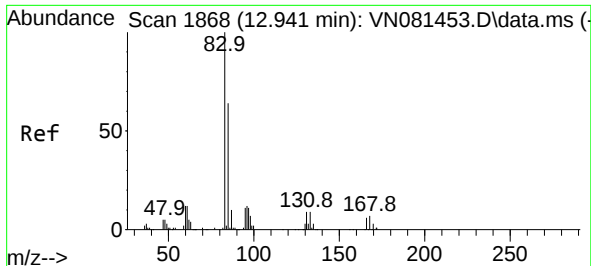
Tgt Ion:105 Resp: 1190504  
Ion Ratio Lower Upper  
105 100  
120 26.6 12.6 37.6



#74  
N-ethyl acetate  
Concen: 47.266 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 43 Resp: 418717  
Ion Ratio Lower Upper  
43 100  
70 49.1 30.1 45.1#  
55 27.0 17.0 25.4#  
61 26.6 17.5 26.3#

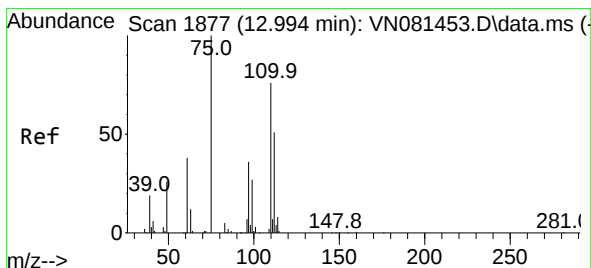
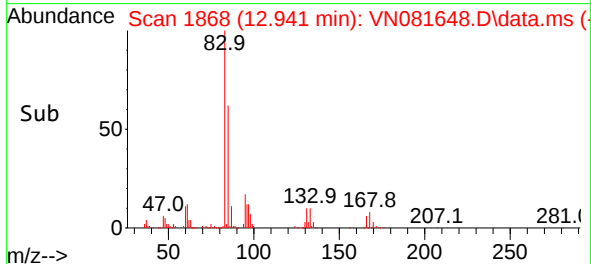
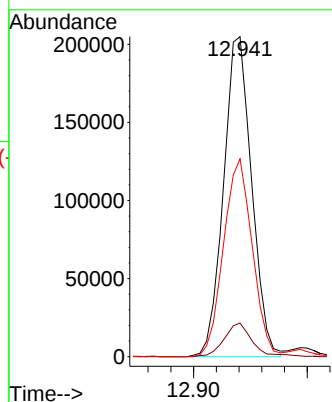
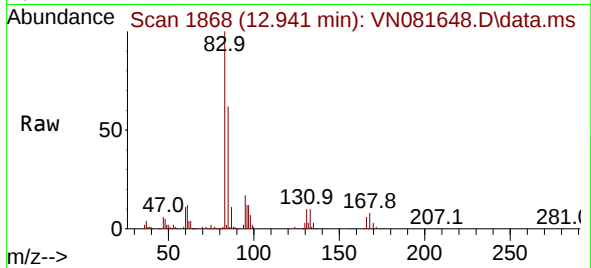




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.896 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

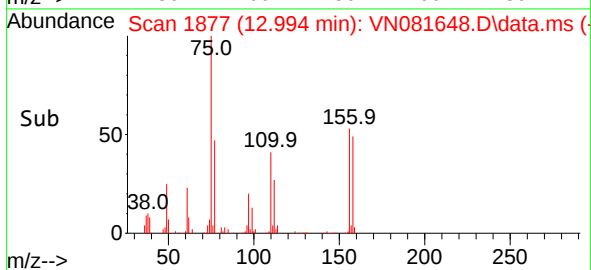
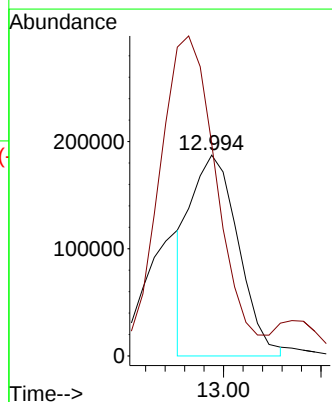
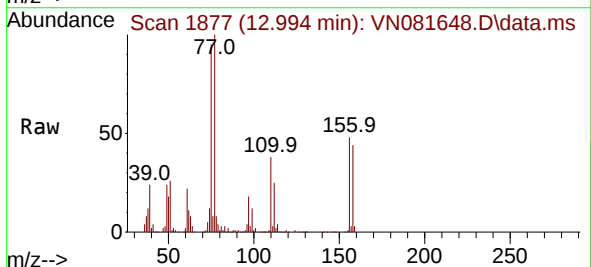
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

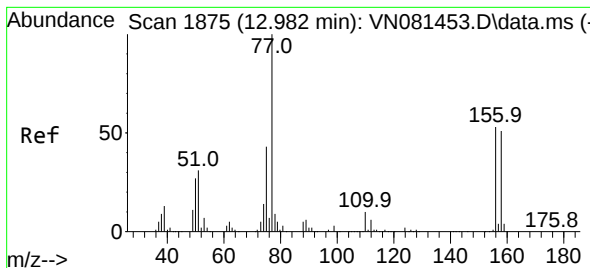
Tgt Ion: 83 Resp: 351918  
Ion Ratio Lower Upper  
83 100  
131 10.5 4.1 12.3  
85 63.2 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 46.673 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 75 Resp: 320614  
Ion Ratio Lower Upper  
75 100  
77 192.6 91.0 272.8





#77

Bromobenzene

Concen: 49.760 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

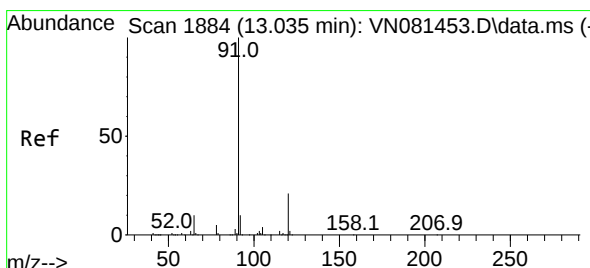
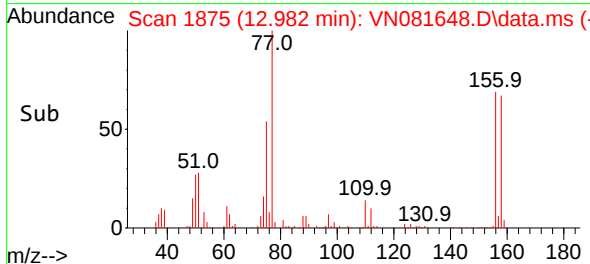
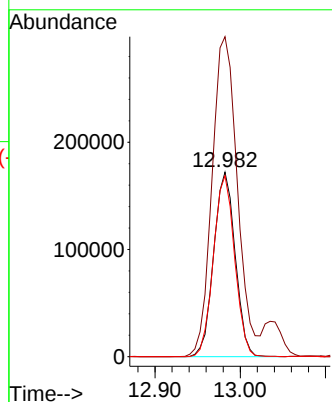
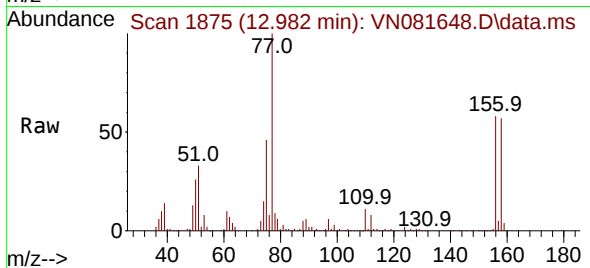
Tgt Ion:156 Resp: 300904

Ion Ratio Lower Upper

156 100

77 205.2 138.1 414.3

158 96.9 46.5 139.5



#78

n-propylbenzene

Concen: 48.923 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081648.D

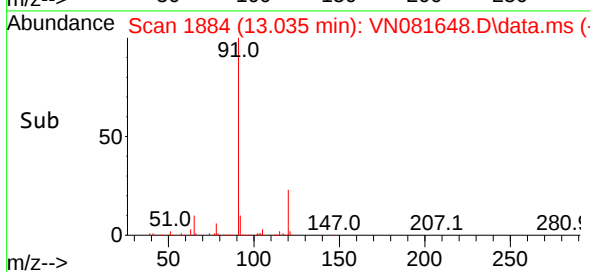
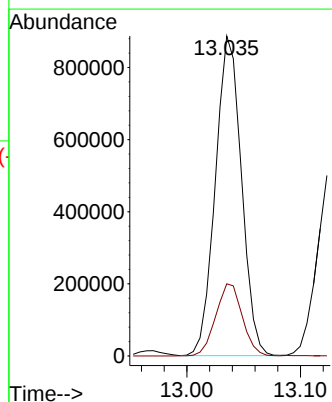
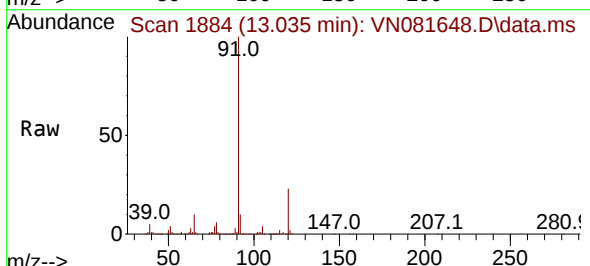
Acq: 02 Apr 2024 10:08

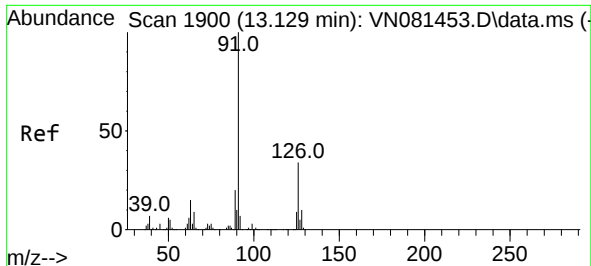
Tgt Ion: 91 Resp: 1414301

Ion Ratio Lower Upper

91 100

120 23.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 49.428 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

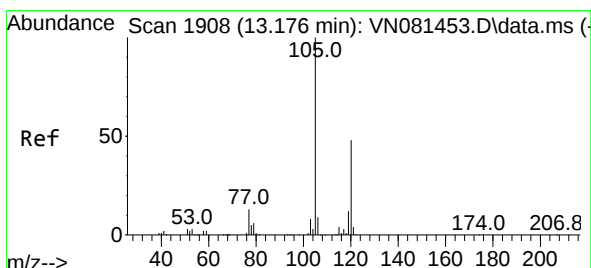
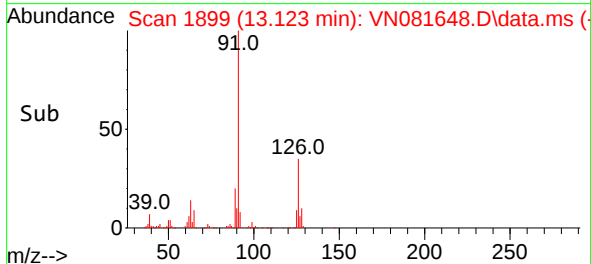
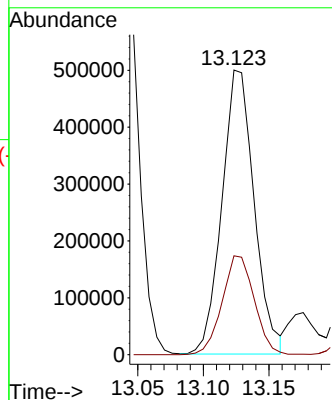
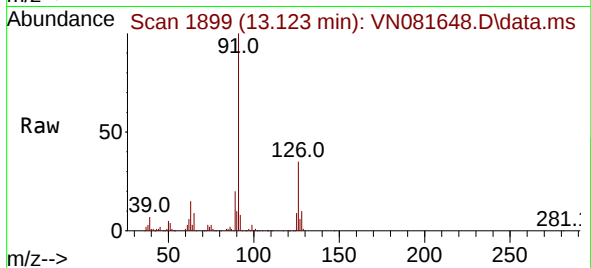
VSTDCCC050

Tgt Ion: 91 Resp: 855208

Ion Ratio Lower Upper

91 100

126 34.6 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 50.492 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081648.D

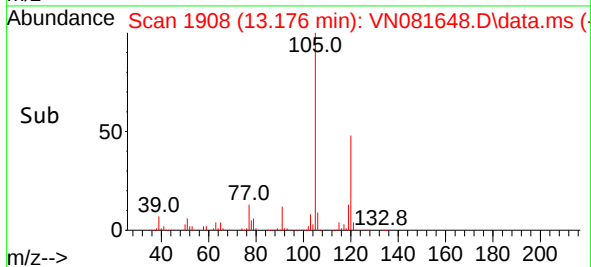
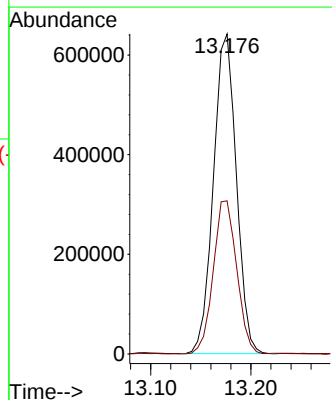
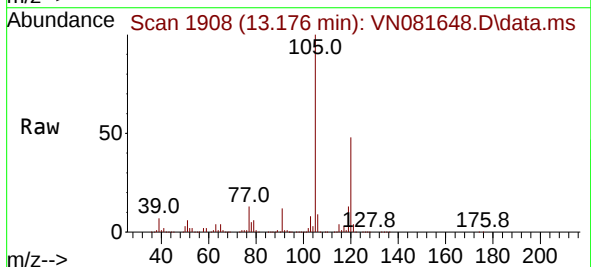
Acq: 02 Apr 2024 10:08

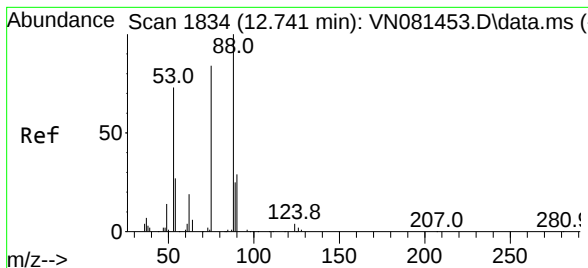
Tgt Ion:105 Resp: 1020890

Ion Ratio Lower Upper

105 100

120 48.9 23.0 69.0

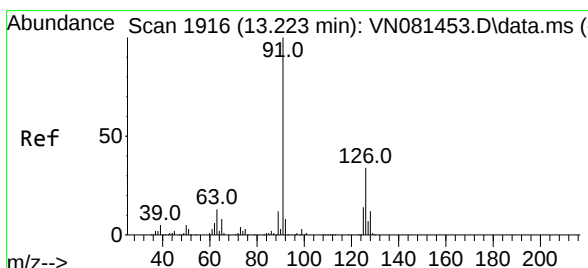
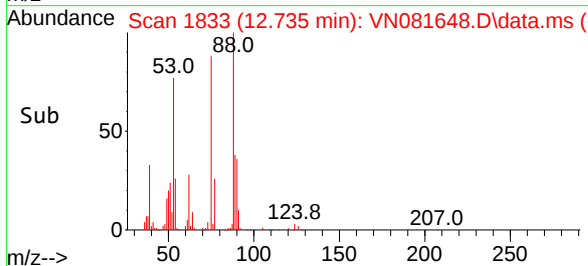
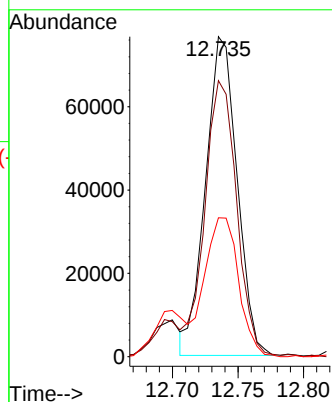
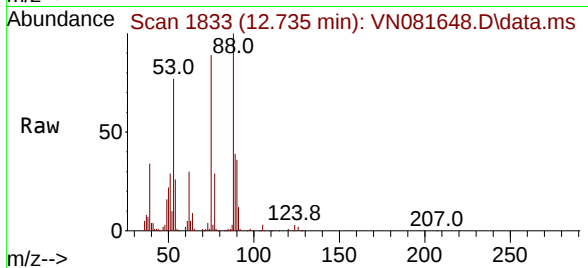




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.427 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

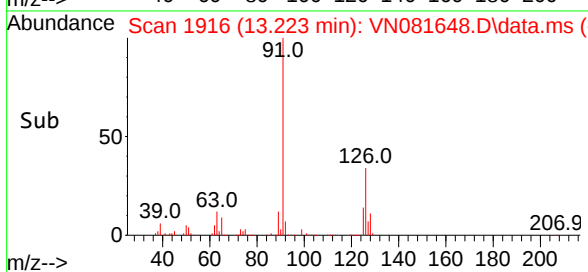
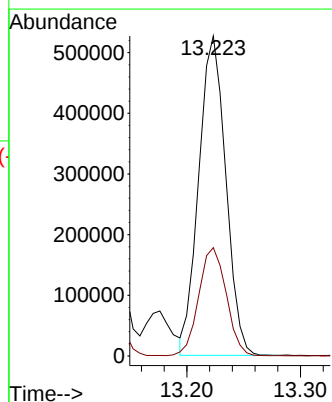
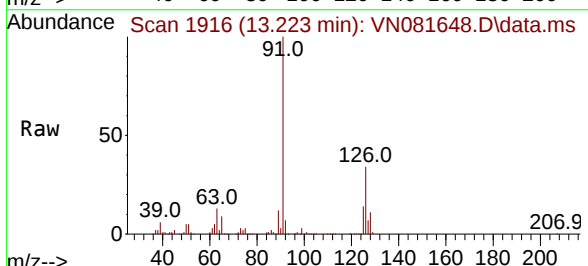
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

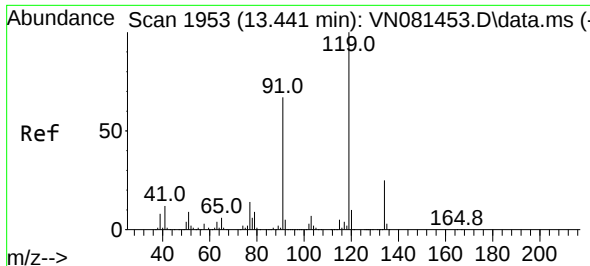
Tgt Ion: 75 Resp: 128188  
Ion Ratio Lower Upper  
75 100  
53 98.1 71.4 107.2  
89 46.9 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 51.002 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 91 Resp: 870007  
Ion Ratio Lower Upper  
91 100  
126 34.6 15.3 45.9

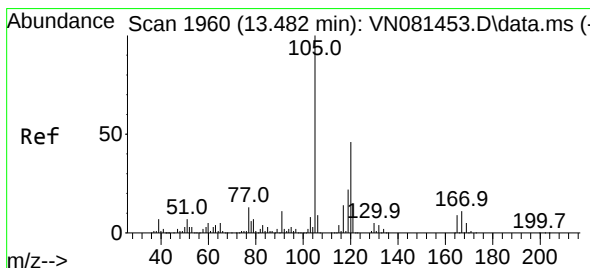
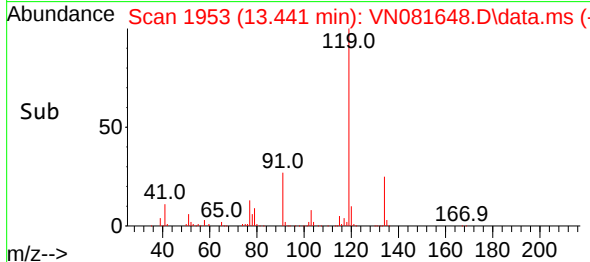
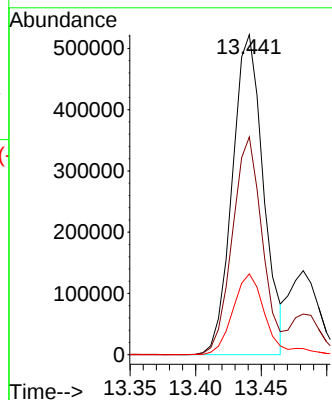
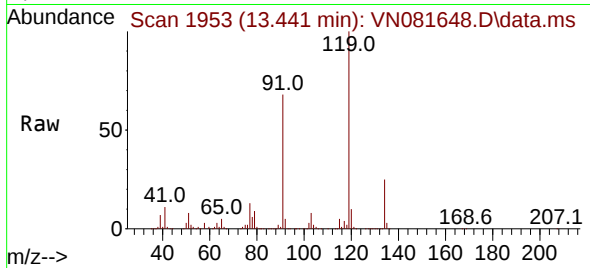




#83  
 tert-Butylbenzene  
 Concen: 49.515 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

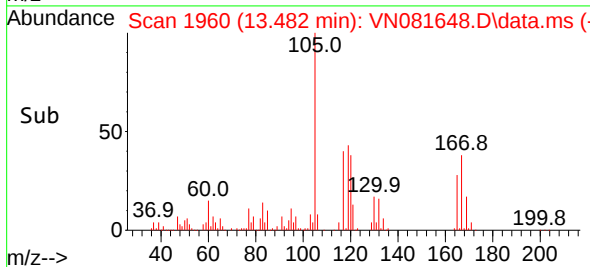
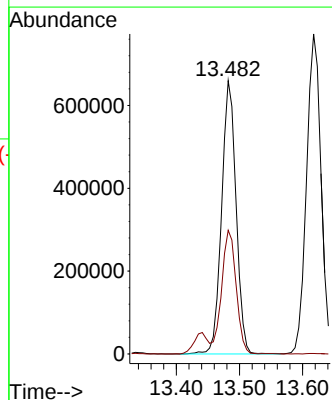
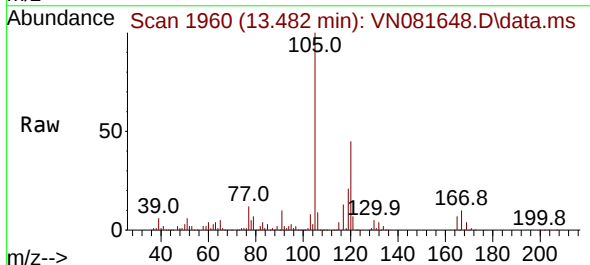
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

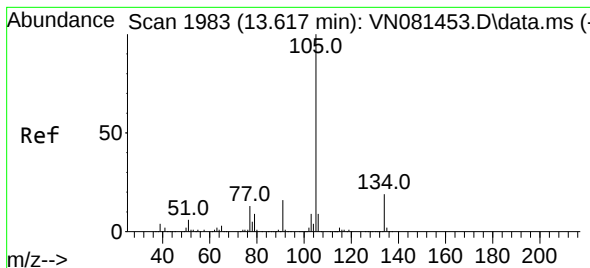
Tgt Ion:119 Resp: 863309  
 Ion Ratio Lower Upper  
 119 100  
 91 65.2 36.8 110.4  
 134 26.5 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.728 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion:105 Resp: 1051168  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.441 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

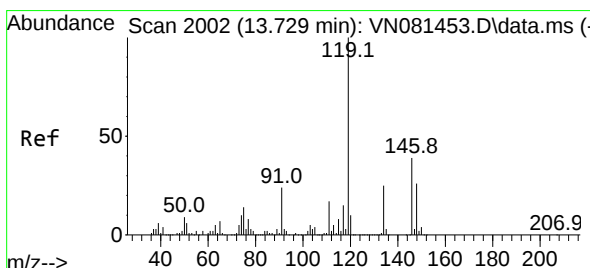
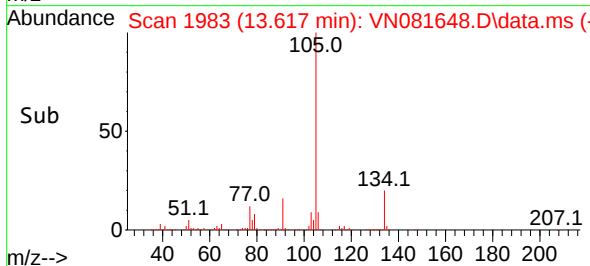
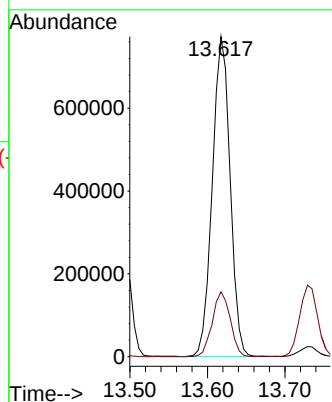
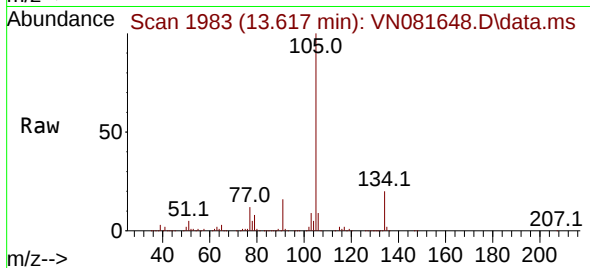
VSTDCCC050

Tgt Ion:105 Resp: 1232295

Ion Ratio Lower Upper

105 100

134 20.5 8.6 25.8



#86

p-Isopropyltoluene

Concen: 52.078 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

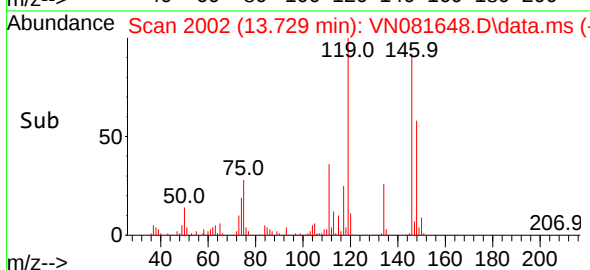
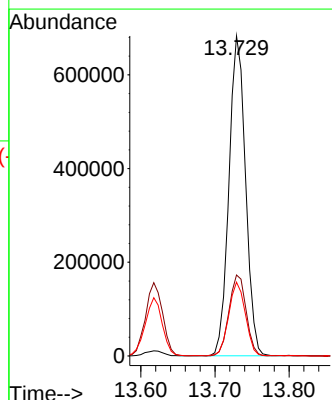
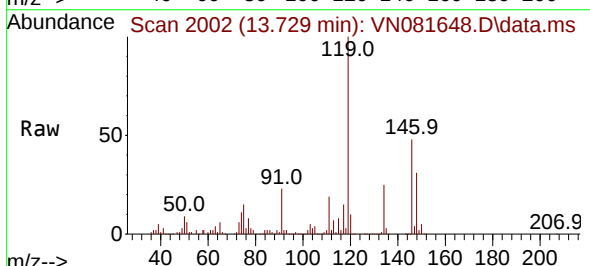
Tgt Ion:119 Resp: 1061044

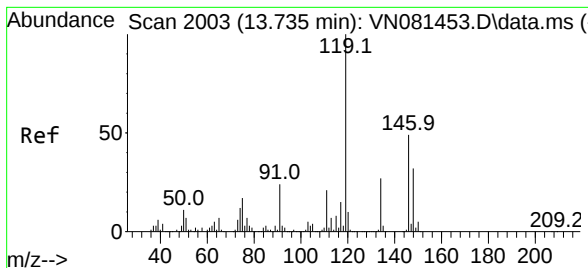
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.2

91 23.1 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 51.582 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

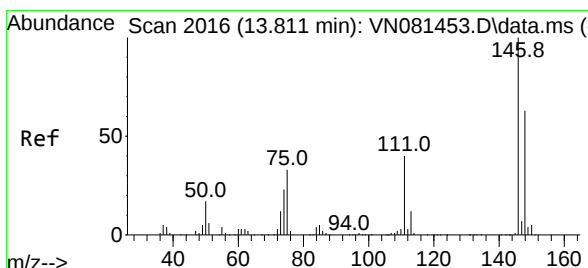
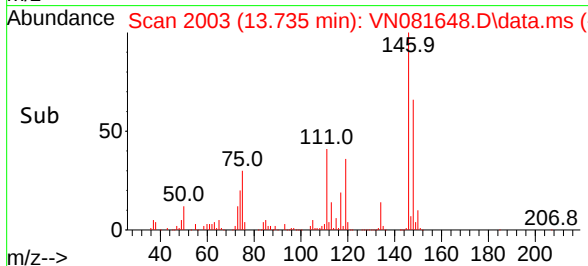
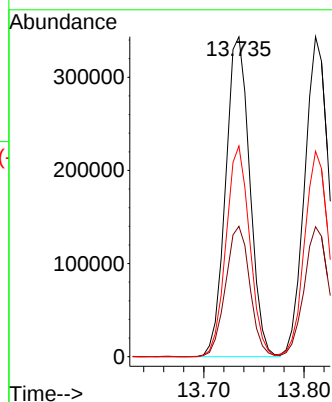
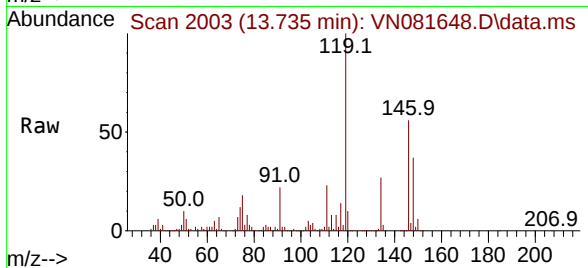
Tgt Ion:146 Resp: 573093

Ion Ratio Lower Upper

146 100

111 41.2 23.9 71.7

148 64.5 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 49.774 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

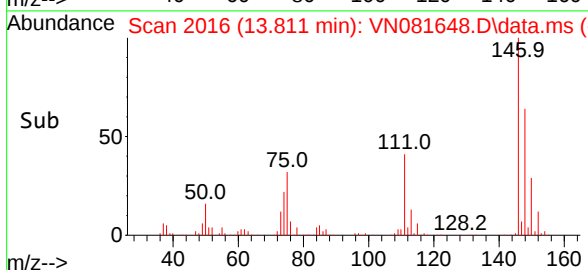
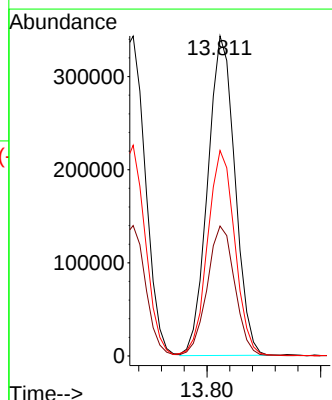
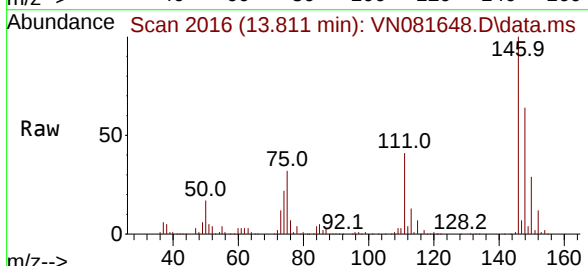
Tgt Ion:146 Resp: 572609

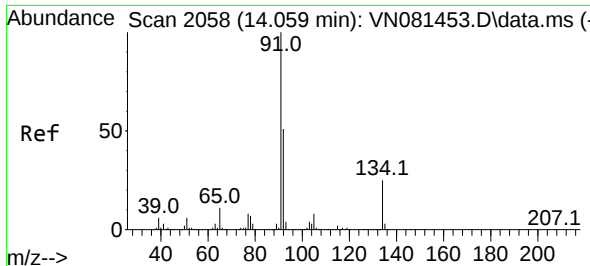
Ion Ratio Lower Upper

146 100

111 41.1 22.6 67.7

148 64.7 31.9 95.5

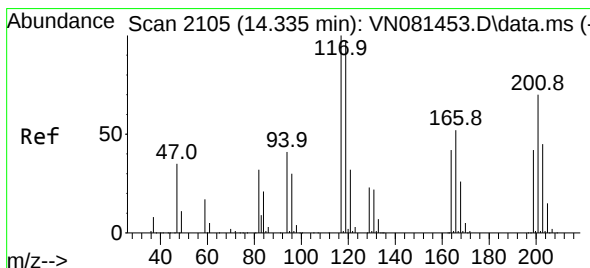
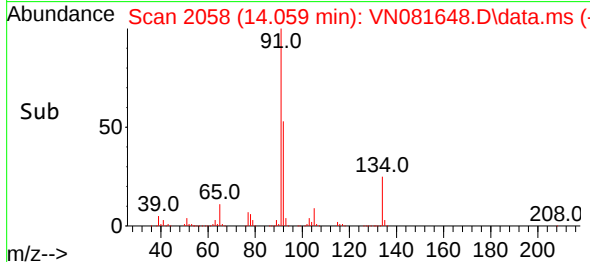
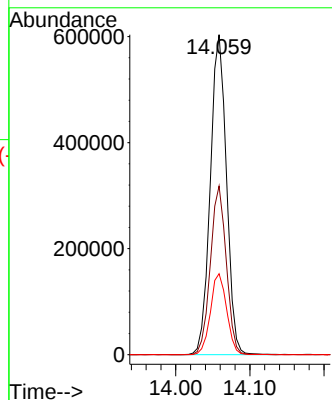
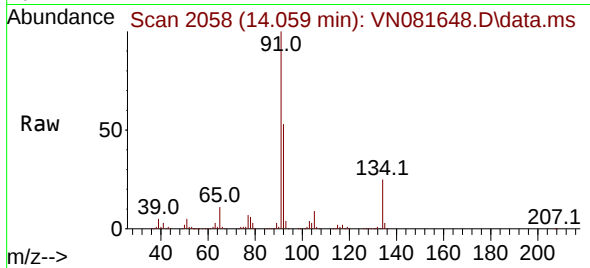




#89  
n-Butylbenzene  
Concen: 50.556 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

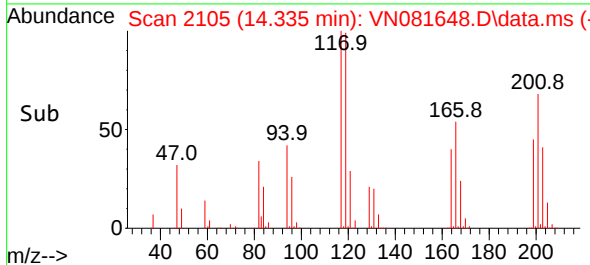
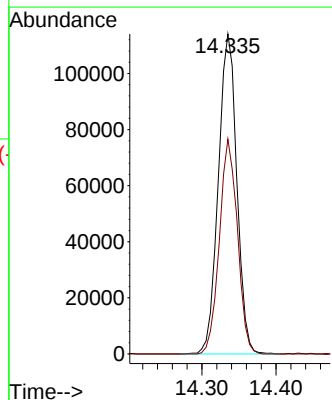
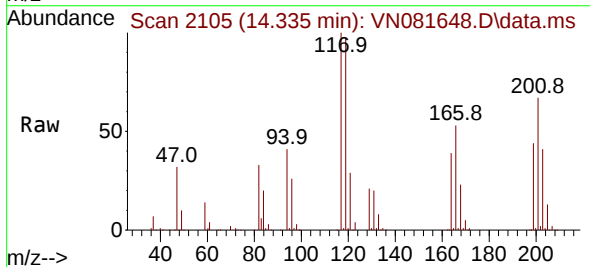
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

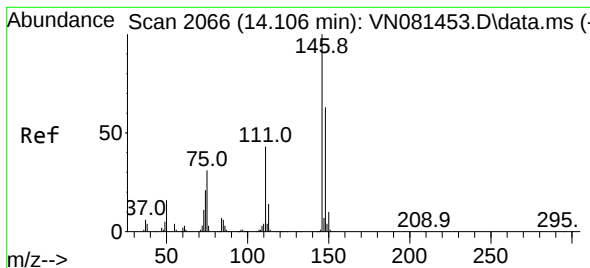
Tgt Ion: 91 Resp: 913368  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.7 80.1  
134 25.4 10.8 32.4



#90  
Hexachloroethane  
Concen: 51.218 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN081648.D  
Acq: 02 Apr 2024 10:08

Tgt Ion: 117 Resp: 197627  
Ion Ratio Lower Upper  
117 100  
201 65.4 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 53.324 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

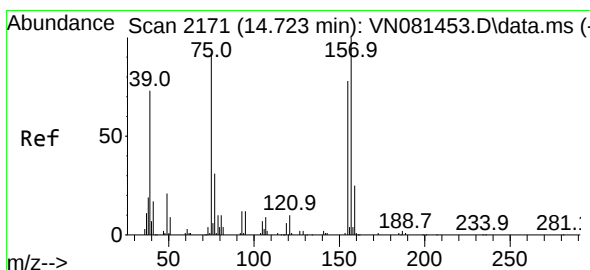
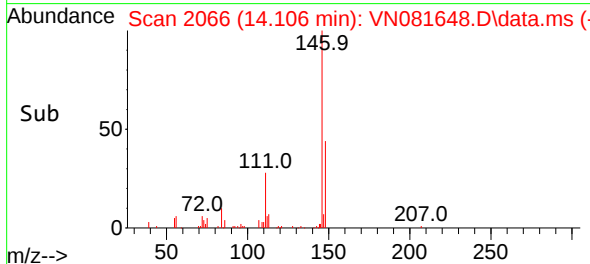
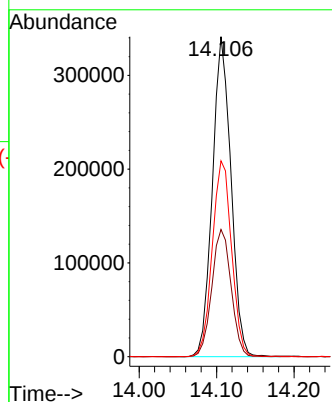
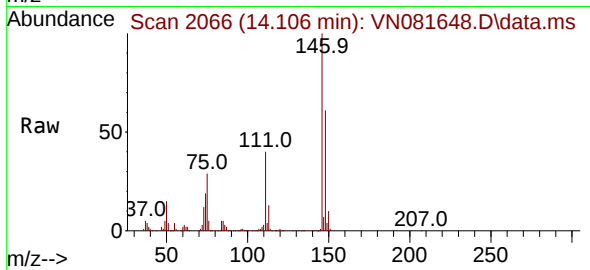
Tgt Ion:146 Resp: 570223

Ion Ratio Lower Upper

146 100

111 41.2 23.9 71.8

148 63.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.881 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

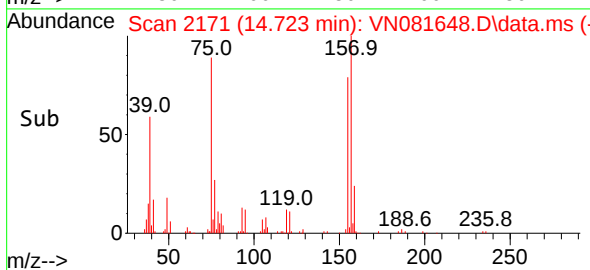
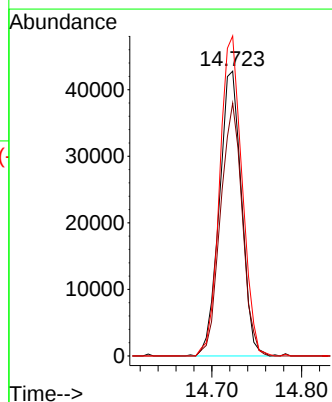
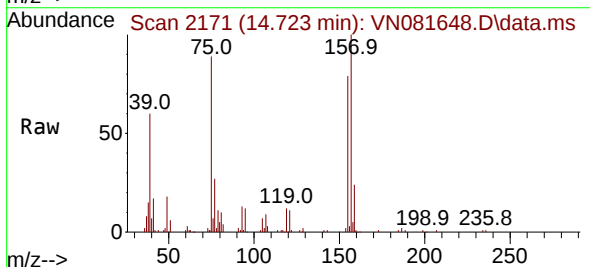
Tgt Ion: 75 Resp: 73340

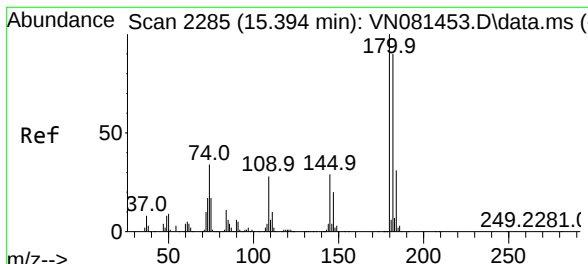
Ion Ratio Lower Upper

75 100

155 87.1 31.8 95.4

157 113.1 41.1 123.4

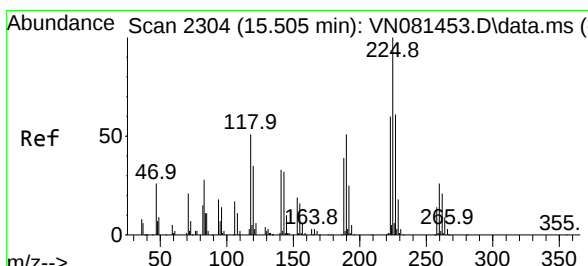
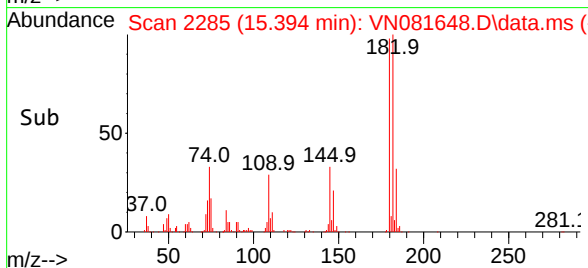
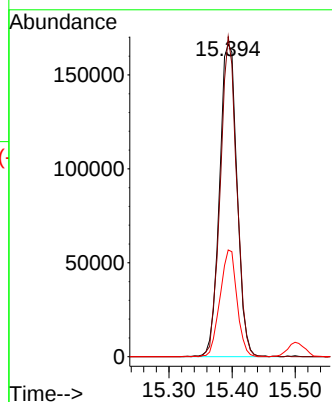
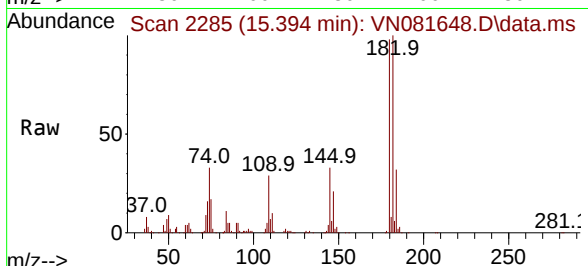




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.845 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

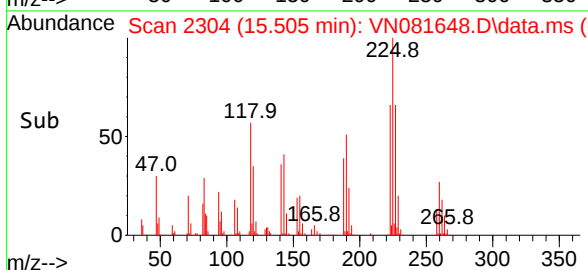
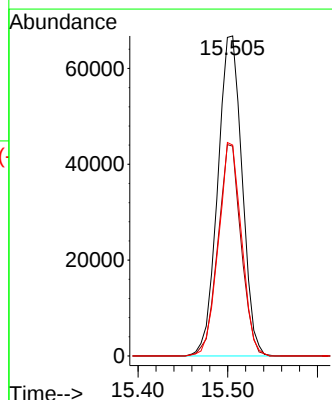
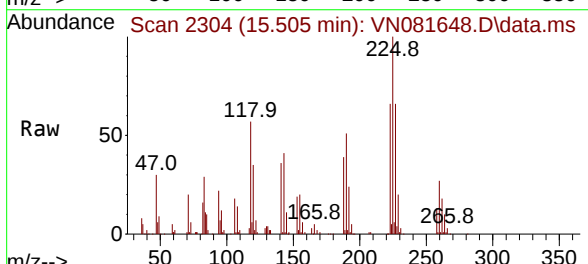
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

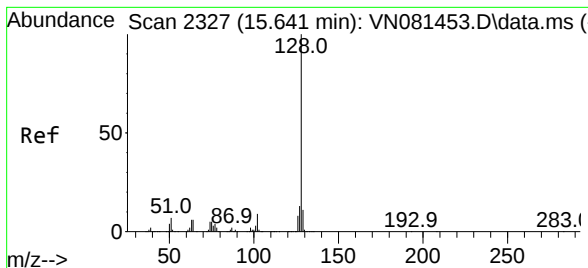
Tgt Ion:180 Resp: 320561  
 Ion Ratio Lower Upper  
 180 100  
 182 96.1 46.6 139.7  
 145 33.1 16.8 50.3



#94  
 Hexachlorobutadiene  
 Concen: 46.364 ug/l  
 RT: 15.505 min Scan# 2304  
 Delta R.T. -0.000 min  
 Lab File: VN081648.D  
 Acq: 02 Apr 2024 10:08

Tgt Ion:225 Resp: 125782  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 33.3 99.8  
 227 63.3 33.1 99.2





#95

Naphthalene

Concen: 55.115 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

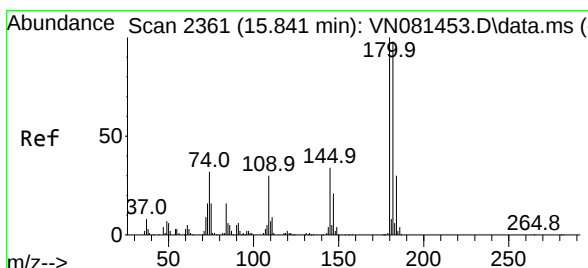
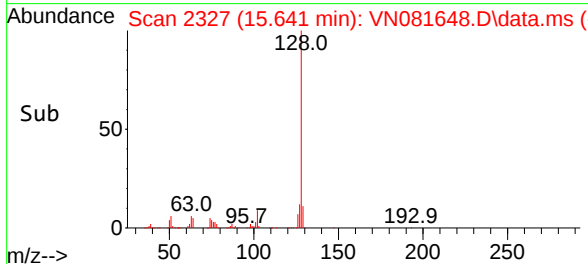
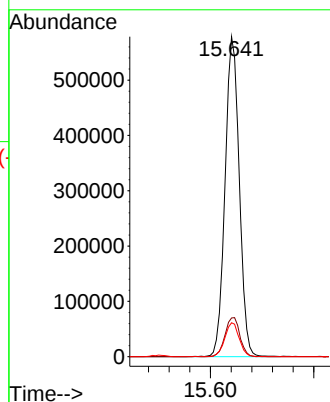
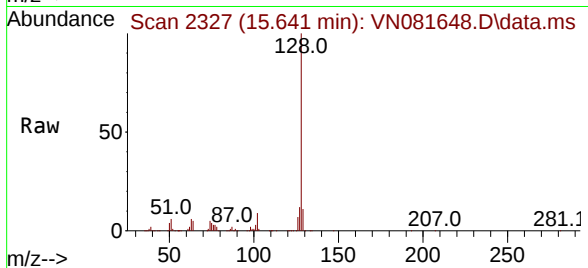
Tgt Ion:128 Resp: 1104236

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.786 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081648.D

Acq: 02 Apr 2024 10:08

Tgt Ion:180 Resp: 328297

Ion Ratio Lower Upper

180 100

182 94.4 46.5 139.3

145 33.5 17.8 53.4

