

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031424\  
 Data File : VN081401.D  
 Acq On : 14 Mar 2024 11:22  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Mar 15 01:09:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 06 03:12:57 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 340353   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 595569   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 547809   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 252603   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 246191   | 50.027   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.060% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 190858   | 52.306   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.620% |      |
| 50) Toluene-d8              | 10.571 | 98    | 695895   | 51.018   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.040% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 249871   | 51.830   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 103.660% |      |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 221878  | 49.178  | ug/l   | 99 |
| 3) Chloromethane             | 2.359 | 50  | 207448  | 42.567  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.518 | 62  | 223767  | 44.014  | ug/l   | 95 |
| 5) Bromomethane              | 2.948 | 94  | 140131  | 41.269  | ug/l   | 93 |
| 6) Chloroethane              | 3.124 | 64  | 149297  | 42.755  | ug/l   | 95 |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 358317  | 47.642  | ug/l   | 96 |
| 8) Diethyl Ether             | 3.965 | 74  | 125387  | 47.320  | ug/l   | 83 |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 199477  | 46.575  | ug/l   | 92 |
| 10) Methyl Iodide            | 4.589 | 142 | 205030  | 52.312  | ug/l # | 96 |
| 11) Tert butyl alcohol       | 5.512 | 59  | 202767  | 235.639 | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 177577  | 44.770  | ug/l   | 94 |
| 13) Acrolein                 | 4.177 | 56  | 204514  | 200.714 | ug/l   | 98 |
| 14) Allyl chloride           | 5.024 | 41  | 269595  | 45.800  | ug/l # | 86 |
| 15) Acrylonitrile            | 5.718 | 53  | 503696  | 224.065 | ug/l   | 97 |
| 16) Acetone                  | 4.424 | 43  | 362716  | 208.030 | ug/l   | 99 |
| 17) Carbon Disulfide         | 4.712 | 76  | 470460  | 41.558  | ug/l # | 95 |
| 18) Methyl Acetate           | 5.024 | 43  | 267262  | 53.538  | ug/l   | 94 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 648128  | 48.180  | ug/l   | 99 |
| 20) Methylene Chloride       | 5.271 | 84  | 209721  | 48.662  | ug/l   | 94 |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 199469  | 44.605  | ug/l   | 97 |
| 22) Diisopropyl ether        | 6.671 | 45  | 666276  | 50.961  | ug/l # | 94 |
| 23) Vinyl Acetate            | 6.600 | 43  | 2501613 | 235.528 | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 383389  | 47.904  | ug/l   | 99 |
| 25) 2-Butanone               | 7.483 | 43  | 631019  | 216.106 | ug/l   | 94 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 336719  | 47.603  | ug/l   | 98 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 234872  | 46.327  | ug/l   | 91 |
| 28) Bromochloromethane       | 7.812 | 49  | 170904  | 49.906  | ug/l # | 73 |
| 29) Tetrahydrofuran          | 7.841 | 42  | 437465  | 219.709 | ug/l   | 91 |
| 30) Chloroform               | 7.965 | 83  | 410193  | 49.390  | ug/l   | 95 |
| 31) Cyclohexane              | 8.259 | 56  | 311415  | 41.798  | ug/l # | 77 |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 361467  | 49.238  | ug/l   | 94 |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 292061  | 49.614  | ug/l   | 98 |
| 37) Ethyl Acetate            | 7.559 | 43  | 267565  | 46.497  | ug/l   | 99 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 313762  | 52.959  | ug/l   | 99 |
| 39) Methylcyclohexane        | 9.600 | 83  | 322665  | 47.628  | ug/l   | 92 |
| 40) Benzene                  | 8.606 | 78  | 858884  | 48.881  | ug/l   | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031424\  
 Data File : VN081401.D  
 Acq On : 14 Mar 2024 11:22  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 01:09:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 06 03:12:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 156149   | 48.051  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 317004   | 51.168  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 483496   | 48.004  | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 220912   | 49.849  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 225831   | 51.162  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 157605   | 50.656  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 322344   | 53.368  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 220451   | 49.517  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 81150    | 826.983 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1423551  | 243.414 | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 535328   | 50.434  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 341163   | 52.204  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 365134   | 51.757  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 215071   | 51.096  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 319292   | 52.828  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 373873   | 50.894  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 890461   | 273.888 | ug/l # | 88       |
| 59) 2-Hexanone                | 11.194 | 43   | 1065736  | 243.758 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 232220   | 53.570  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 215349   | 49.309  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 217391   | 50.682  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.894 | 112  | 566023   | 49.033  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 216011   | 51.137  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1050557  | 50.522  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 789799   | 100.923 | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 386492   | 50.959  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 639194   | 53.182  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 147694   | 50.362  | ug/l # | 91       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1022609  | 50.134  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 421776   | 49.281  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 282193   | 44.829  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 400571   | 67.138  | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 224599   | 46.441  | ug/l   | 80       |
| 78) n-propylbenzene           | 13.035 | 91   | 1256399  | 52.077  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 729884   | 49.494  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 877959   | 52.069  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 120020   | 56.140  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 737780   | 50.651  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 726646   | 50.268  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 880337   | 51.532  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1071550  | 51.239  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 888708   | 52.991  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 438301   | 47.996  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 427742   | 46.863  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 795699   | 51.736  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 153942   | 52.429  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 416466   | 47.533  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 62249    | 46.211  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 232458   | 49.636  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 88517    | 45.741  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 817452   | 49.053  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 231427   | 48.728  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031424\  
Data File : VN081401.D  
Acq On : 14 Mar 2024 11:22  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

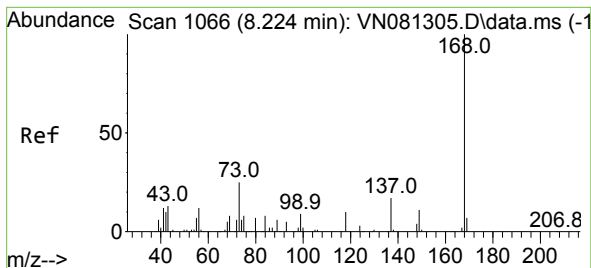
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 15 01:09:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 06 03:12:57 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: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

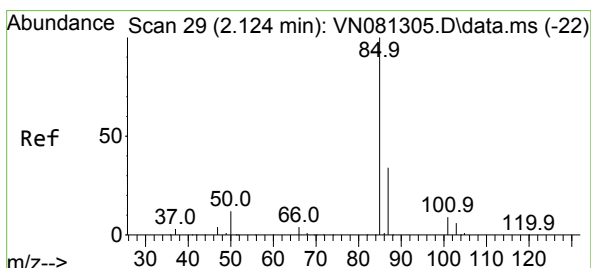
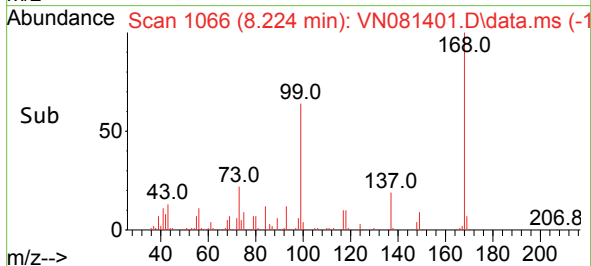
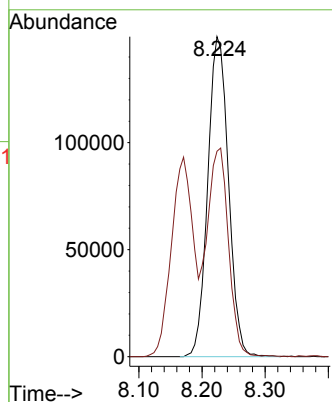
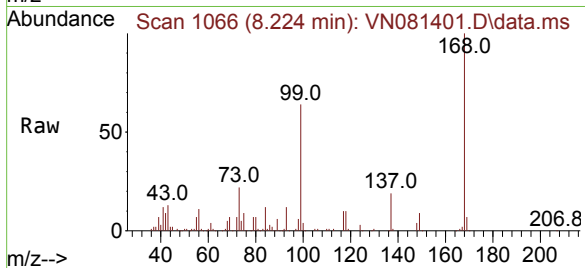
VSTDCCC050

Tgt Ion:168 Resp: 340353

Ion Ratio Lower Upper

168 100

99 64.0 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 49.178 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081401.D

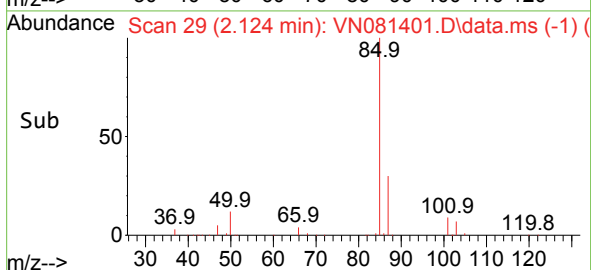
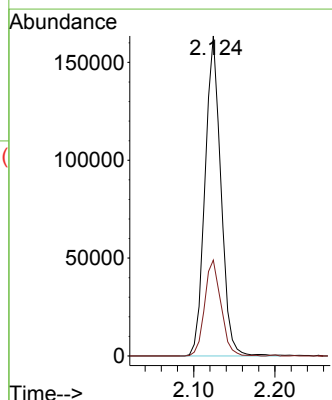
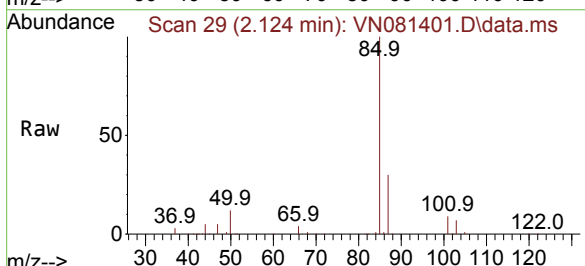
Acq: 14 Mar 2024 11:22

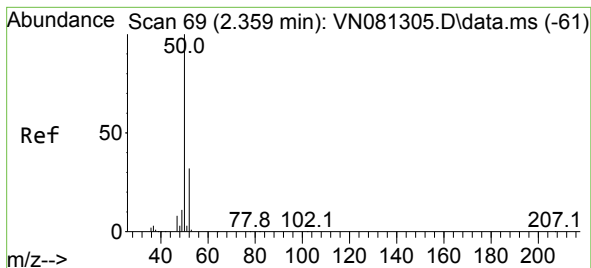
Tgt Ion: 85 Resp: 221878

Ion Ratio Lower Upper

85 100

87 30.0 15.3 45.9





#3

Chloromethane

Concen: 42.567 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

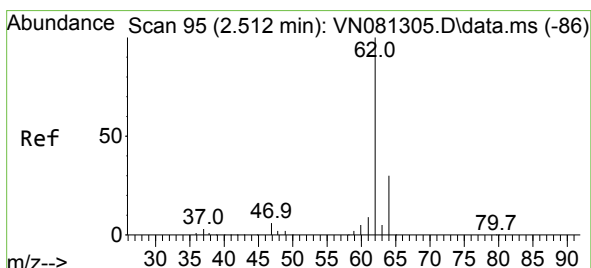
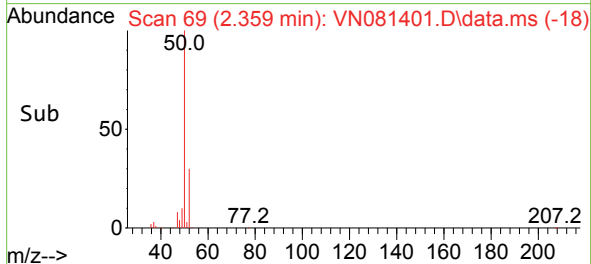
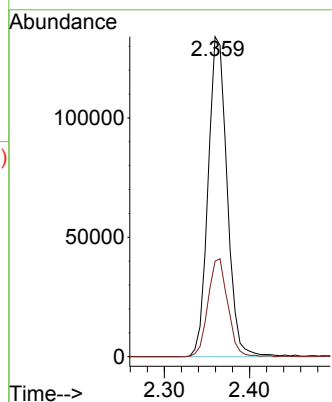
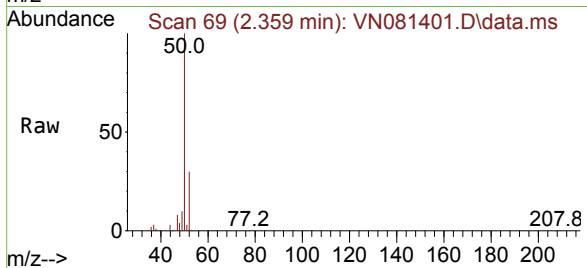
VSTDCCC050

Tgt Ion: 50 Resp: 207448

Ion Ratio Lower Upper

50 100

52 29.8 25.0 37.4



#4

Vinyl Chloride

Concen: 44.014 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN081401.D

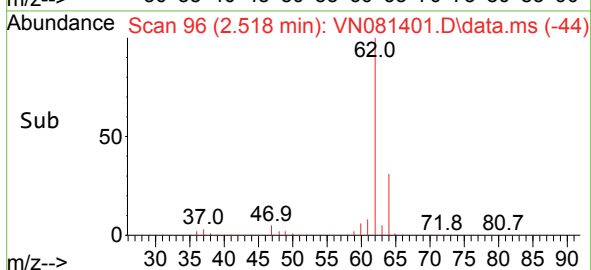
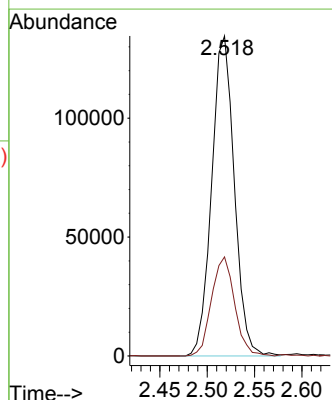
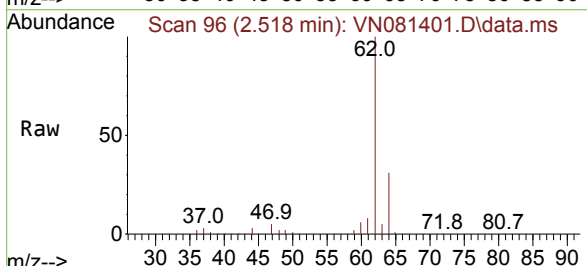
Acq: 14 Mar 2024 11:22

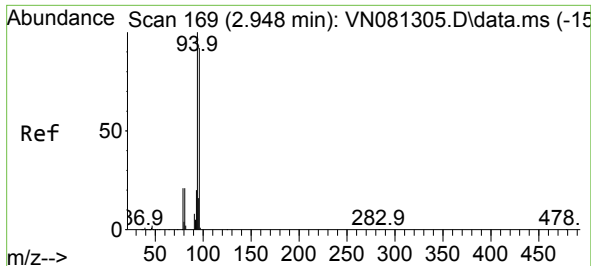
Tgt Ion: 62 Resp: 223767

Ion Ratio Lower Upper

62 100

64 31.0 22.7 34.1

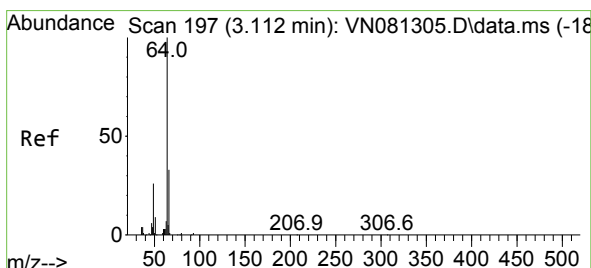
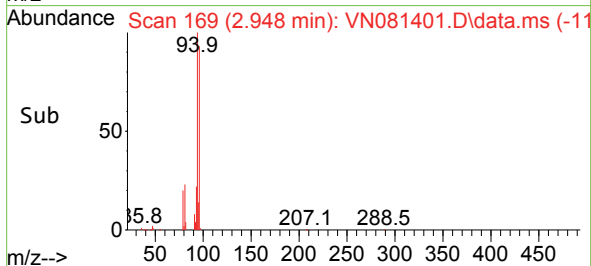
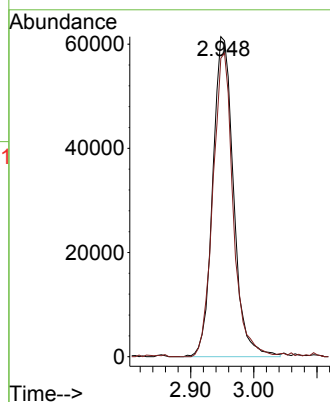
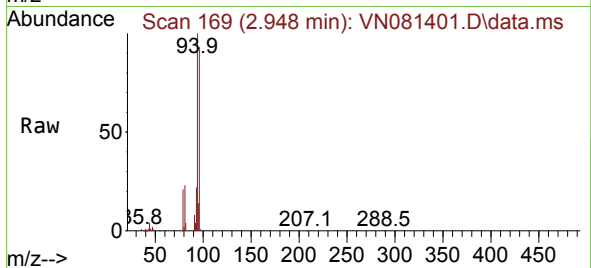




#5  
Bromomethane  
Concen: 41.269 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

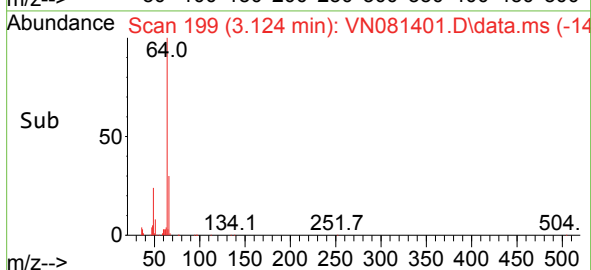
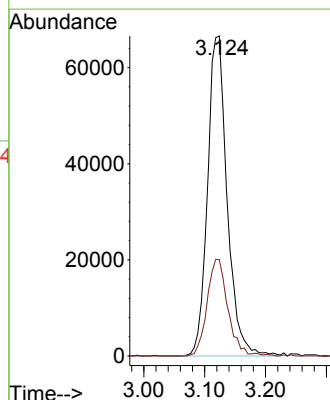
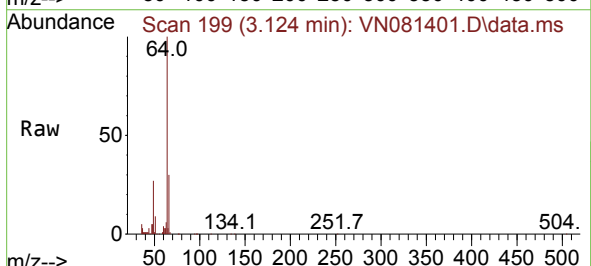
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

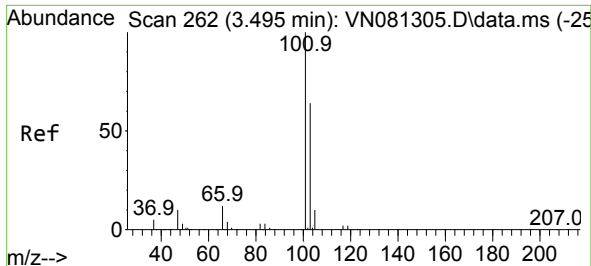
Tgt Ion: 94 Resp: 140131  
Ion Ratio Lower Upper  
94 100  
96 93.3 69.2 103.8



#6  
Chloroethane  
Concen: 42.755 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.012 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 64 Resp: 149297  
Ion Ratio Lower Upper  
64 100  
66 30.1 26.4 39.6

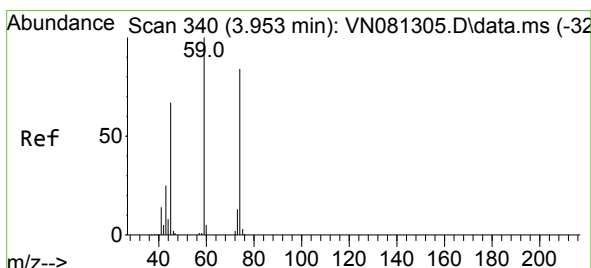
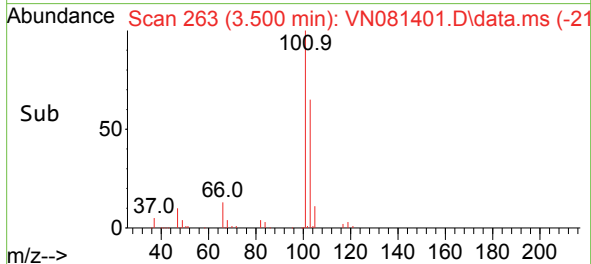
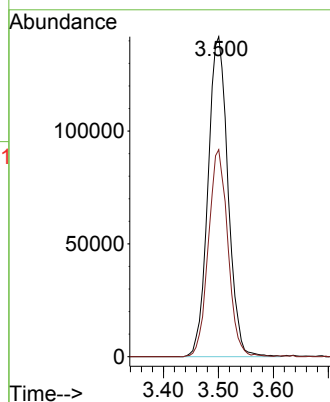
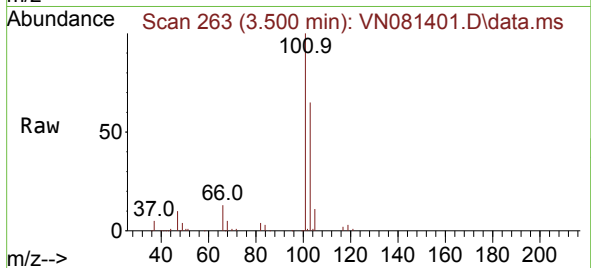




#7  
 Trichlorofluoromethane  
 Concen: 47.642 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

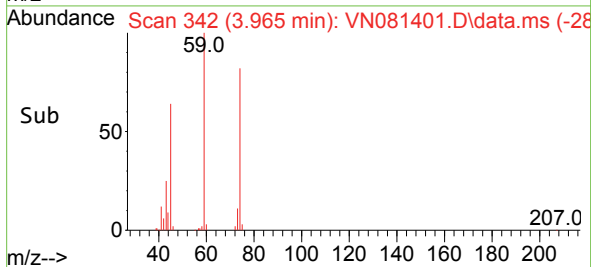
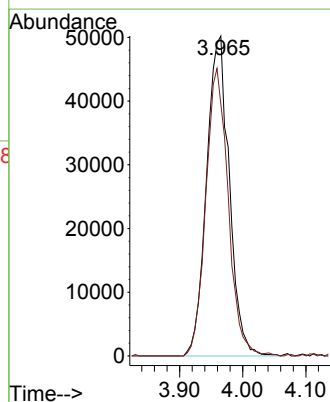
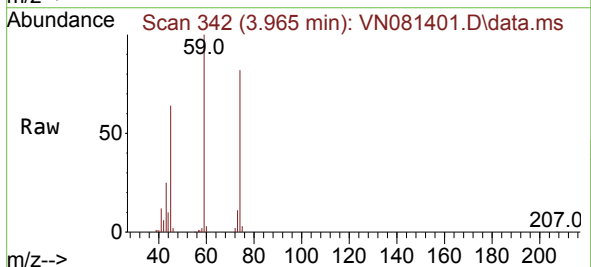
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 358317  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 54.4 81.6

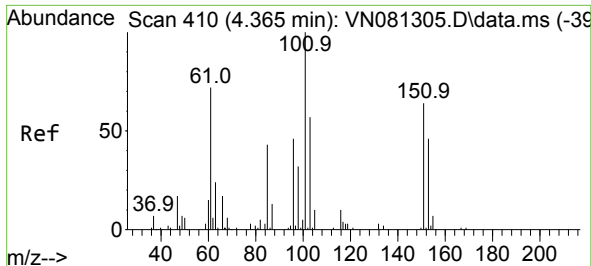


#8  
 Diethyl Ether  
 Concen: 47.320 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.012 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion: 74 Resp: 125387  
 Ion Ratio Lower Upper  
 74 100  
 45 88.6 53.3 159.9



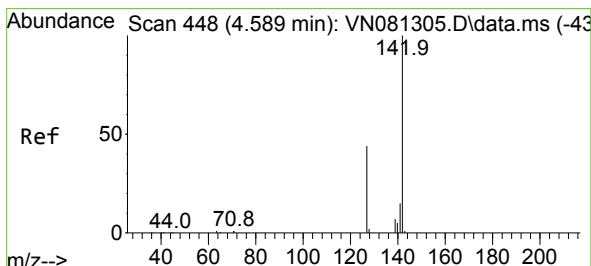
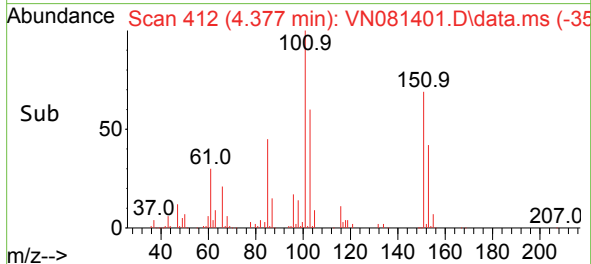
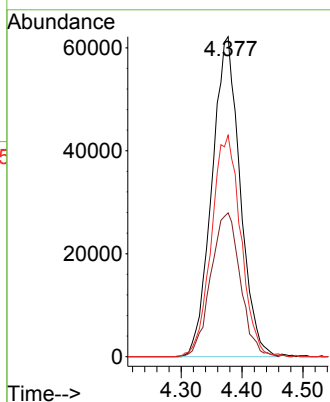
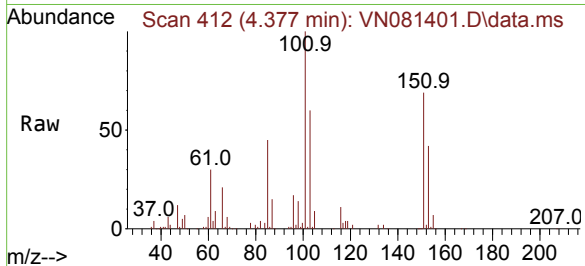




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.575 ug/l  
RT: 4.377 min Scan# 410  
Delta R.T. 0.012 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

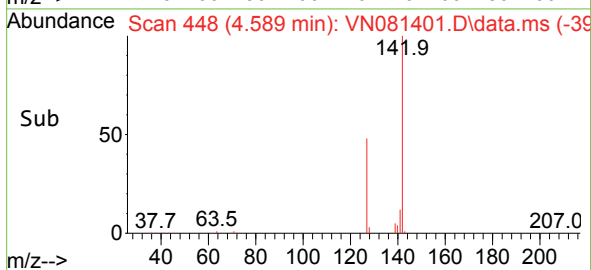
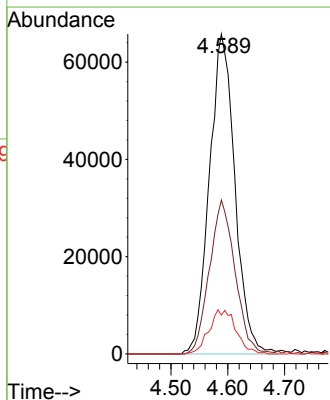
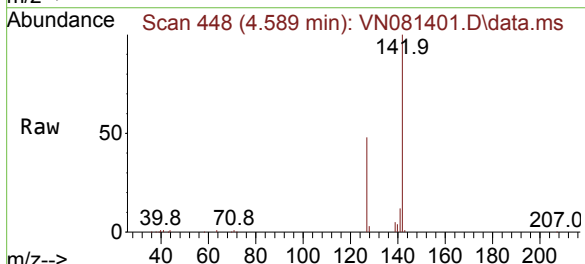
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

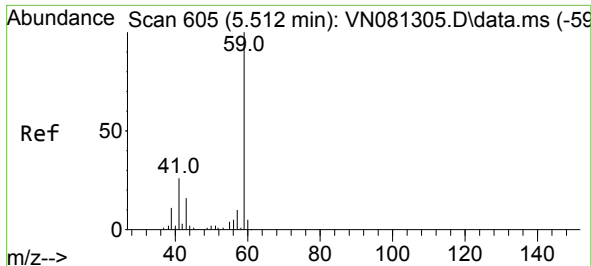
Tgt Ion:101 Resp: 199477  
Ion Ratio Lower Upper  
101 100  
85 47.1 38.1 57.1  
151 72.1 49.1 73.7



#10  
Methyl Iodide  
Concen: 52.312 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:142 Resp: 205030  
Ion Ratio Lower Upper  
142 100  
127 48.1 37.0 55.4  
141 12.2 12.5 18.7#

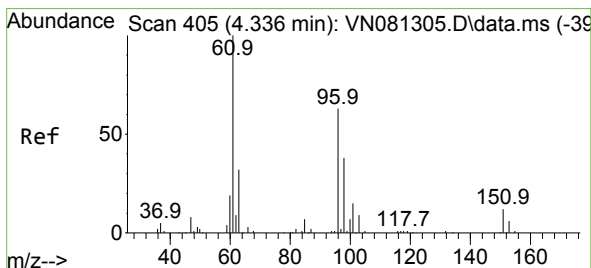
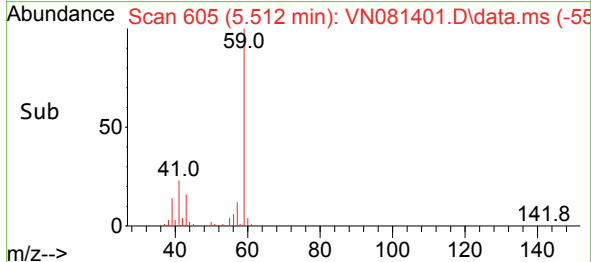
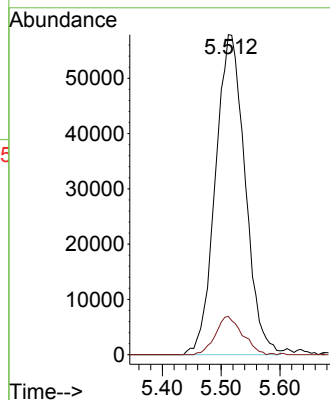
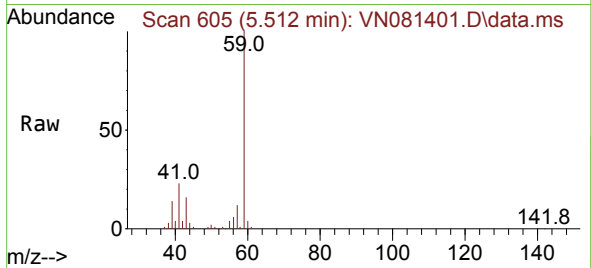




#11  
Tert butyl alcohol  
Concen: 235.639 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

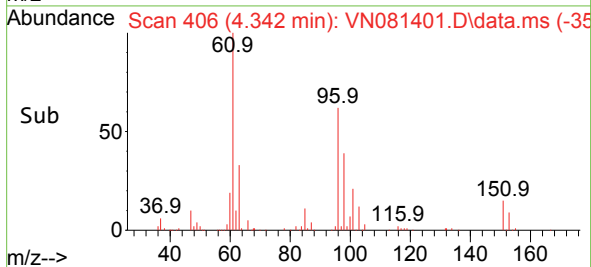
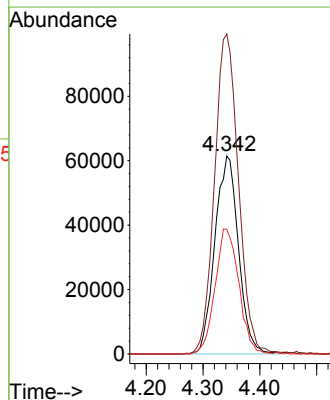
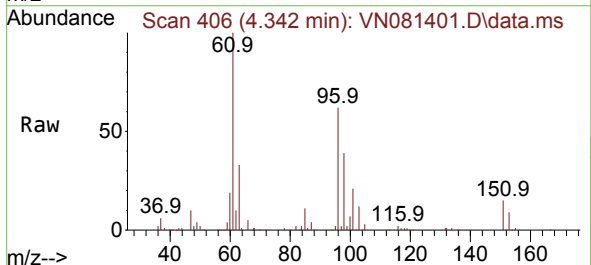
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

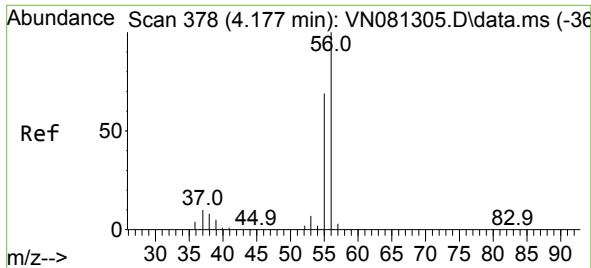
Tgt Ion: 59 Resp: 202767  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 44.770 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 96 Resp: 177577  
Ion Ratio Lower Upper  
96 100  
61 161.7 138.2 207.4  
98 63.0 49.2 73.8

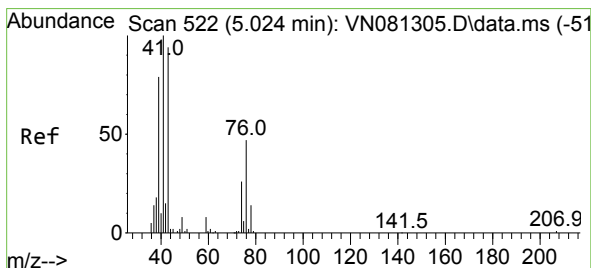
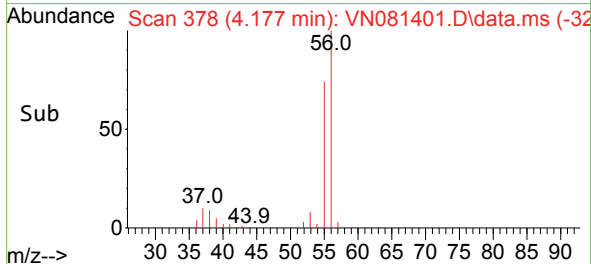
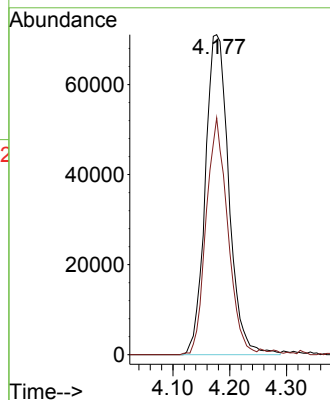
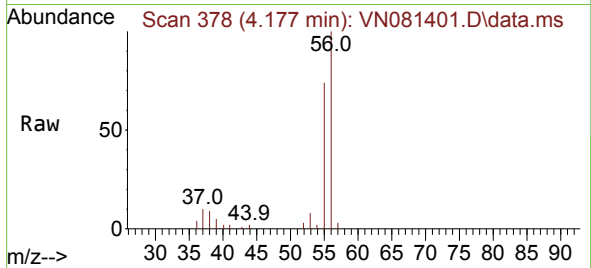




#13  
Acrolein  
Concen: 200.714 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

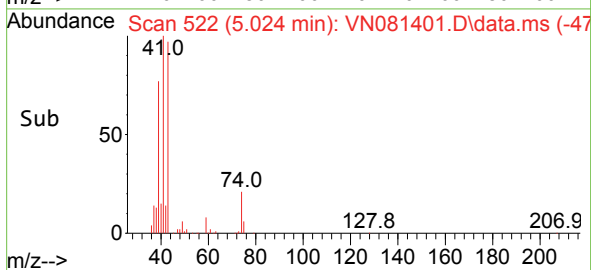
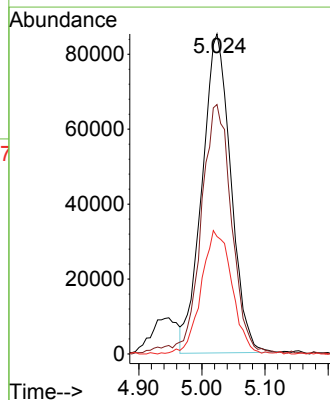
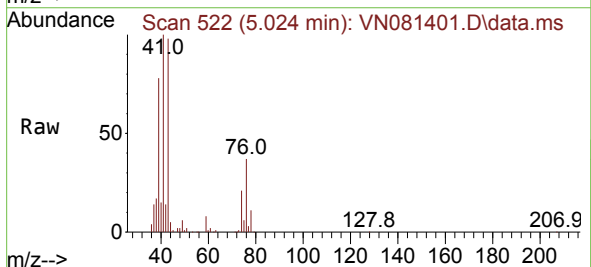
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

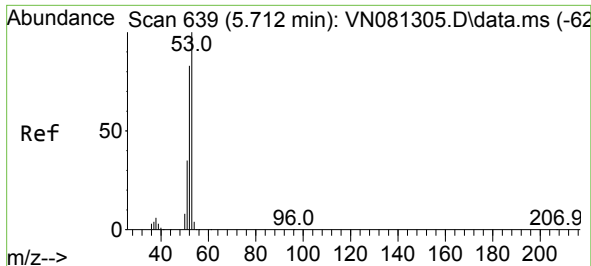
Tgt Ion: 56 Resp: 204514  
Ion Ratio Lower Upper  
56 100  
55 67.8 55.3 82.9



#14  
Allyl chloride  
Concen: 45.800 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 41 Resp: 269595  
Ion Ratio Lower Upper  
41 100  
39 83.7 57.7 86.5  
76 41.3 26.8 40.2#

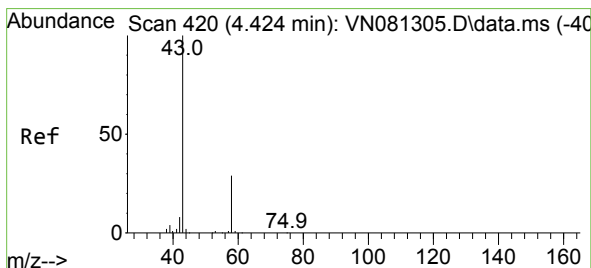
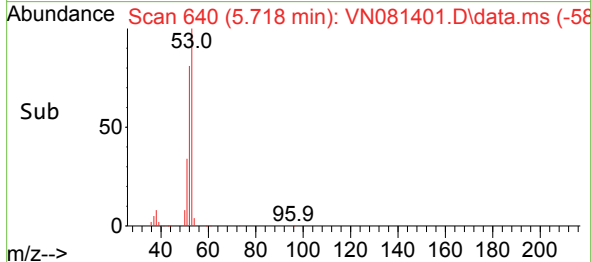
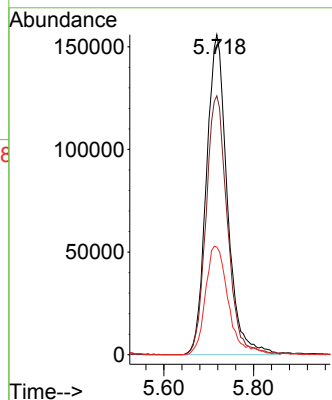
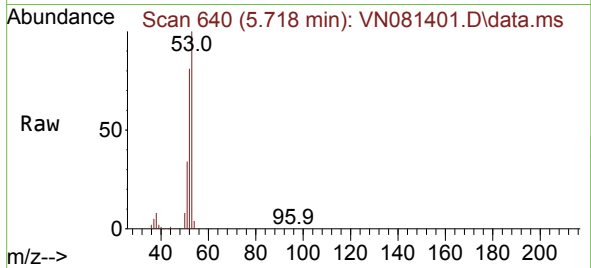




#15  
Acrylonitrile  
Concen: 224.065 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

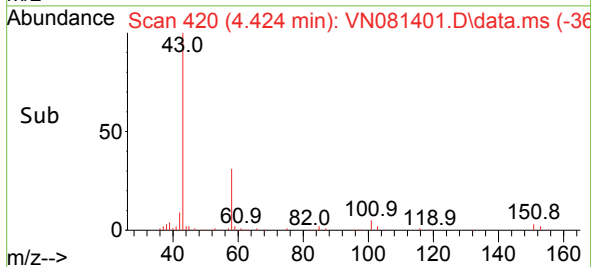
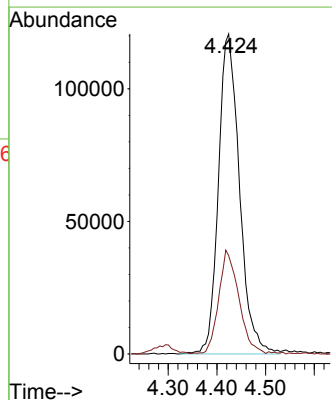
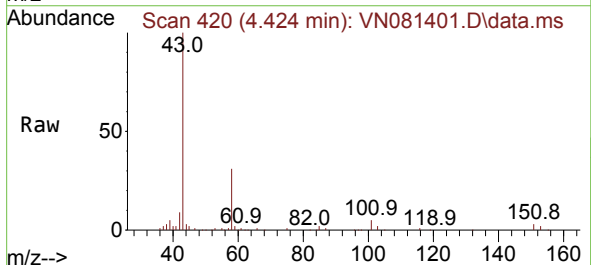
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

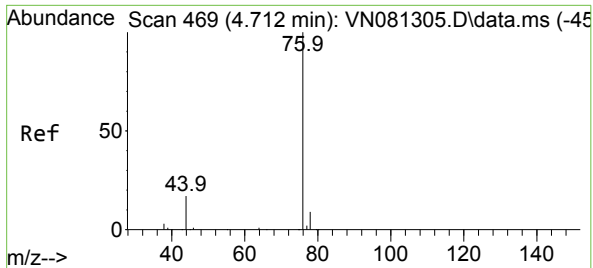
Tgt Ion: 53 Resp: 503696  
Ion Ratio Lower Upper  
53 100  
52 82.3 64.8 97.2  
51 37.3 26.9 40.3



#16  
Acetone  
Concen: 208.030 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 362716  
Ion Ratio Lower Upper  
43 100  
58 30.3 24.8 37.2

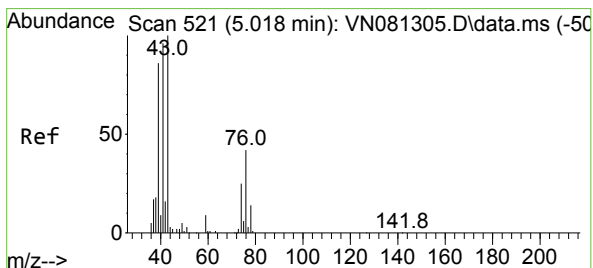
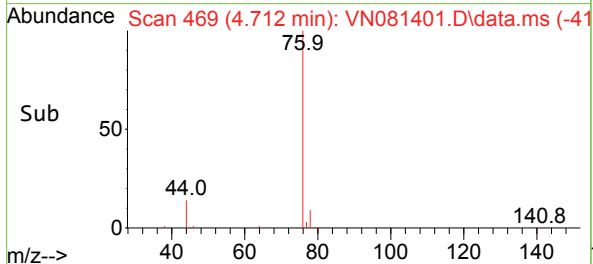
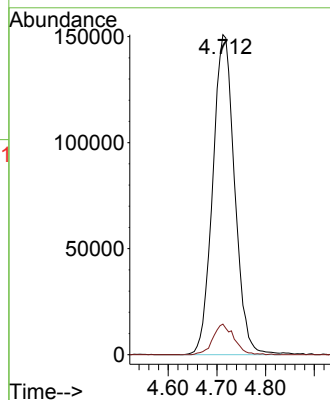
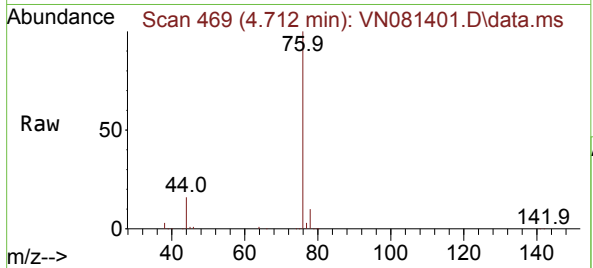




#17  
Carbon Disulfide  
Concen: 41.558 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

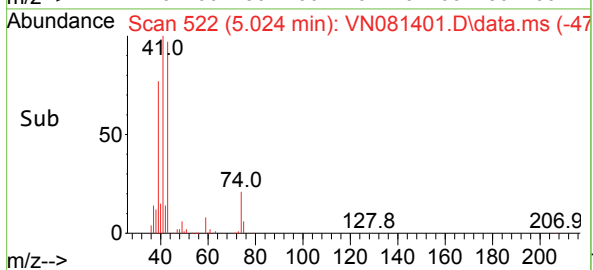
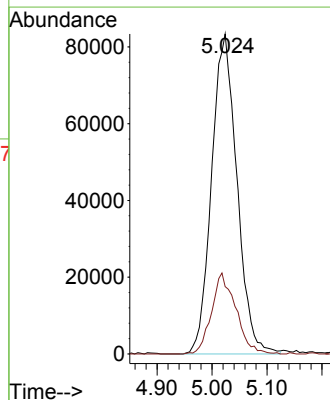
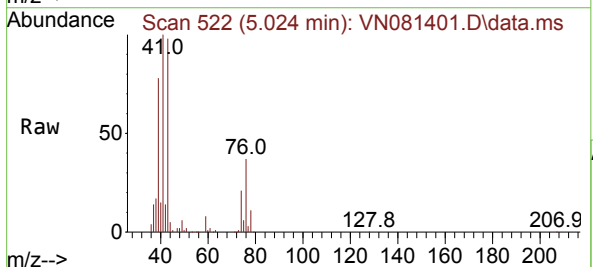
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

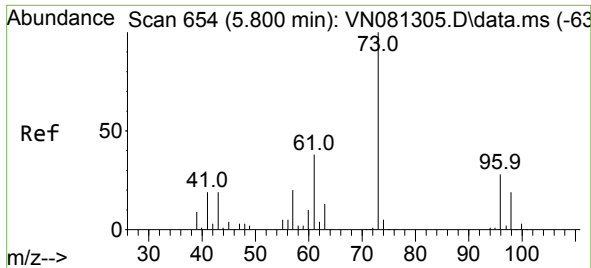
Tgt Ion: 76 Resp: 470460  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.3 9.5#



#18  
Methyl Acetate  
Concen: 53.538 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 267262  
Ion Ratio Lower Upper  
43 100  
74 24.3 17.3 25.9

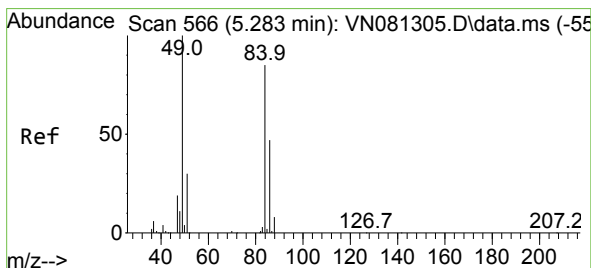
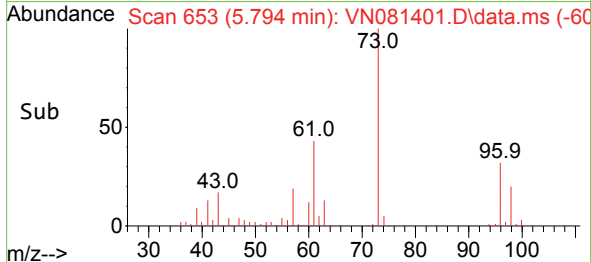
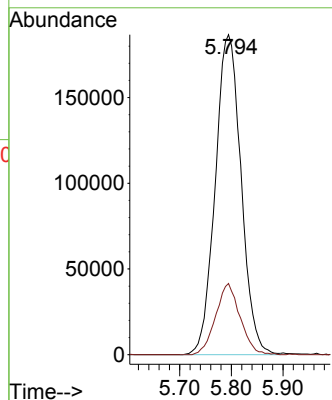
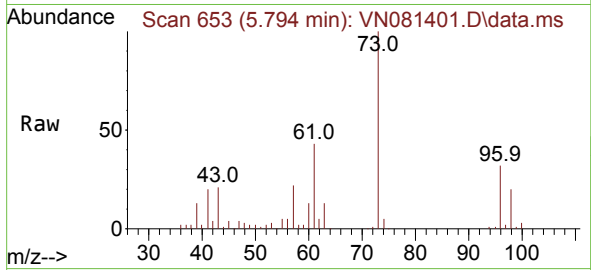




#19  
Methyl tert-butyl Ether  
Concen: 48.180 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

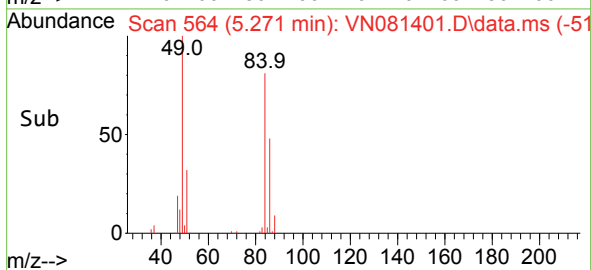
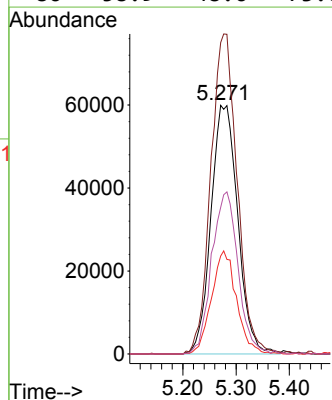
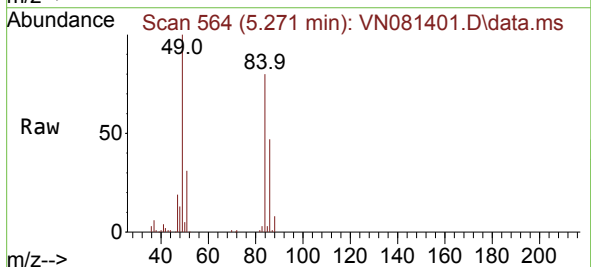
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

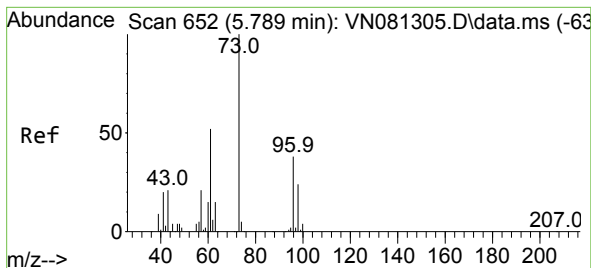
Tgt Ion: 73 Resp: 648128  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.2 27.4



#20  
Methylene Chloride  
Concen: 48.662 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.012 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 84 Resp: 209721  
Ion Ratio Lower Upper  
84 100  
49 125.2 108.1 162.1  
51 39.4 32.9 49.3  
86 58.9 48.6 73.0





#21

trans-1,2-Dichloroethene

Concen: 44.605 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

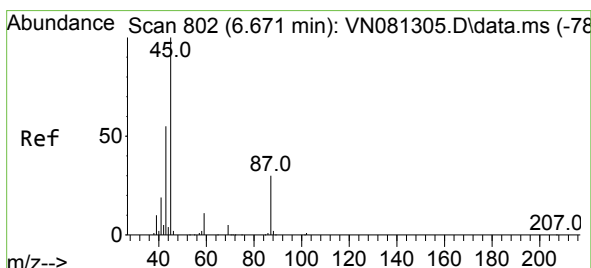
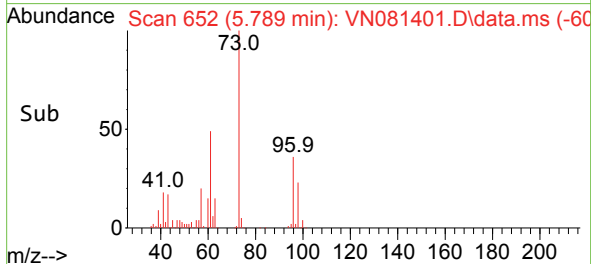
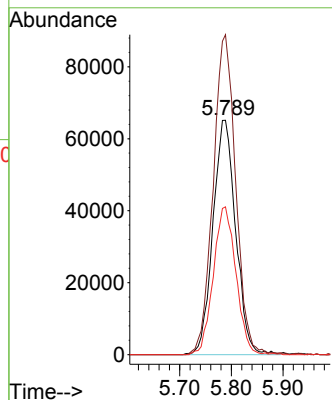
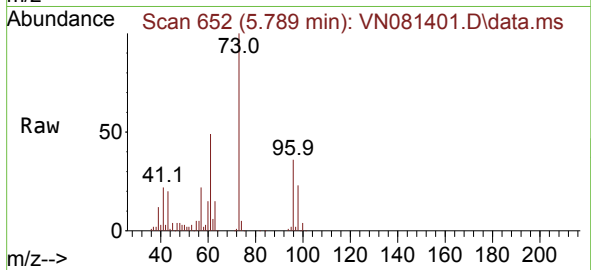
Tgt Ion: 96 Resp: 199469

Ion Ratio Lower Upper

96 100

61 136.5 112.8 169.2

98 63.0 51.0 76.4



#22

Diisopropyl ether

Concen: 50.961 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Tgt Ion: 45 Resp: 666276

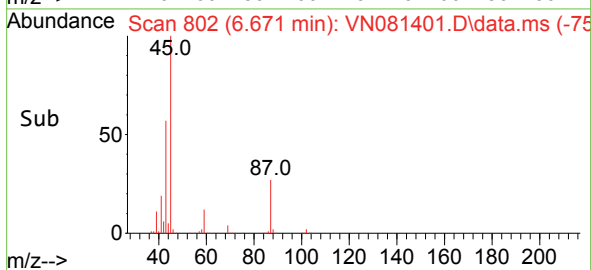
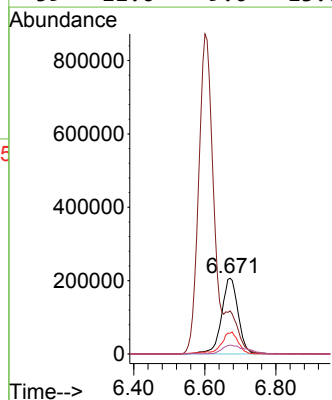
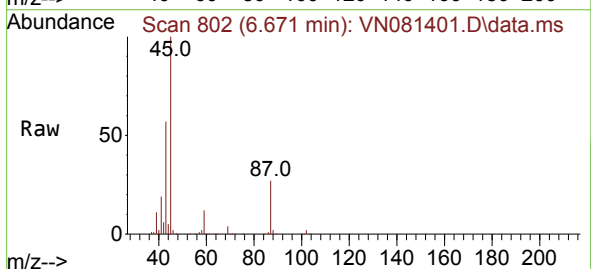
Ion Ratio Lower Upper

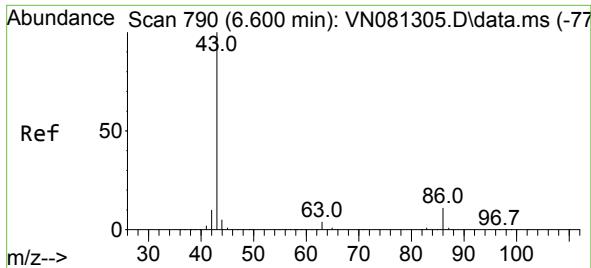
45 100

43 56.6 41.8 62.8

87 27.4 18.1 27.1#

59 11.6 9.0 13.6

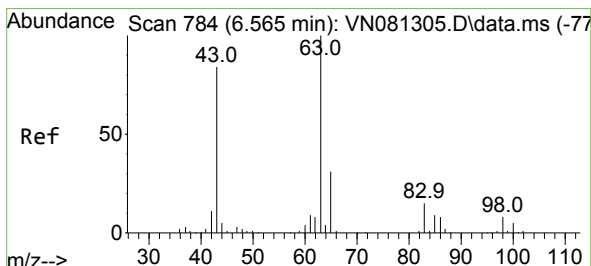
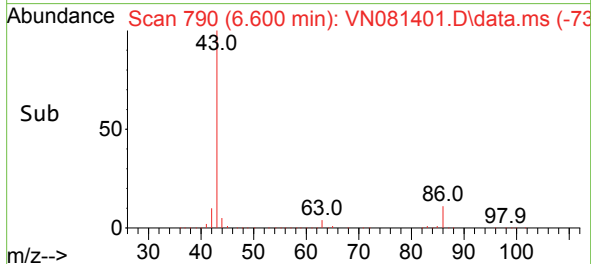
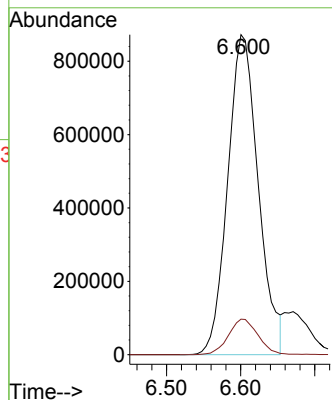
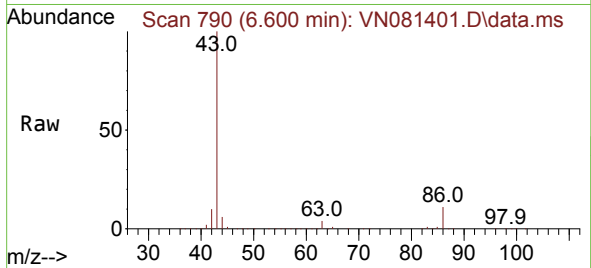




#23  
 Vinyl Acetate  
 Concen: 235.528 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

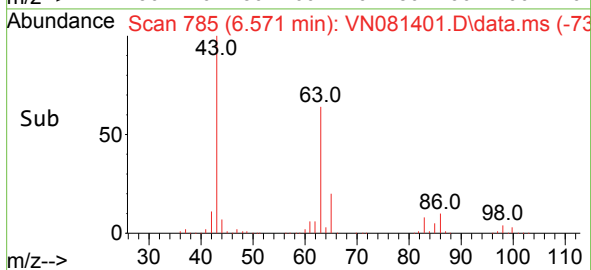
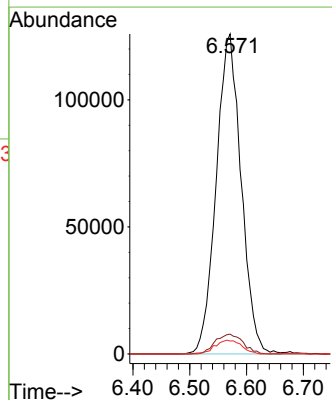
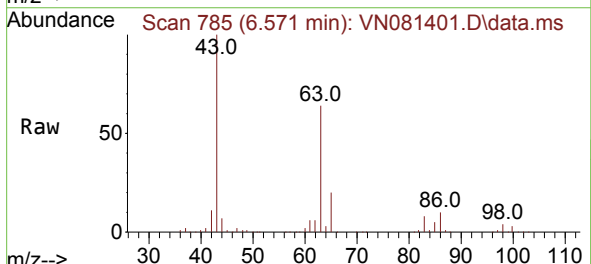
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2501613  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.1 10.7#

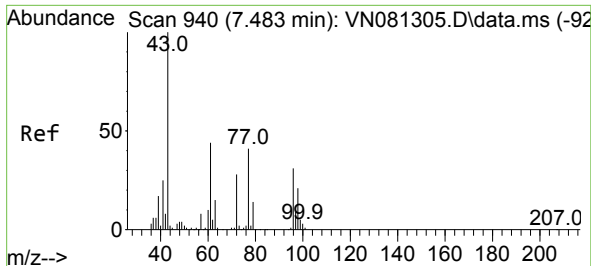


#24  
 1,1-Dichloroethane  
 Concen: 47.904 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion: 63 Resp: 383389  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 2.9 8.6  
 100 4.1 1.9 5.7



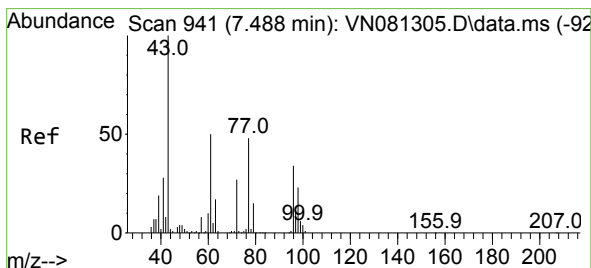
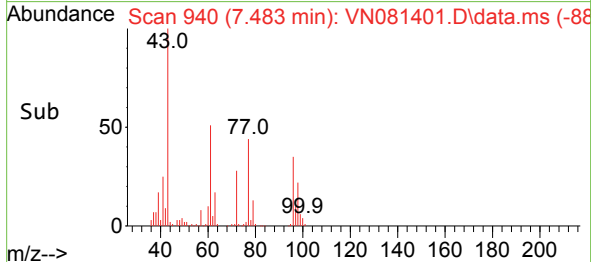
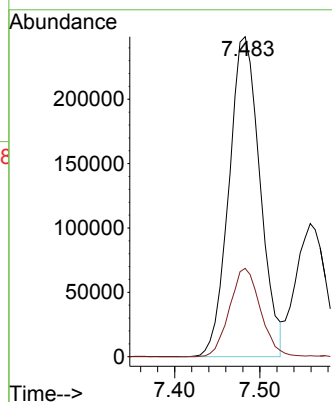
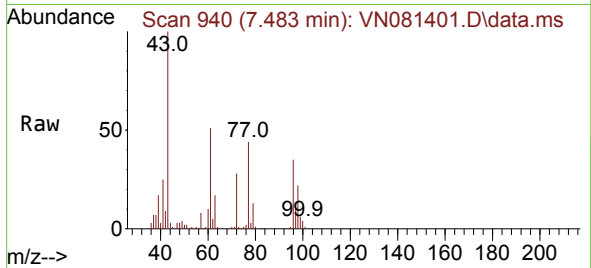




#25  
2-Butanone  
Concen: 216.106 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

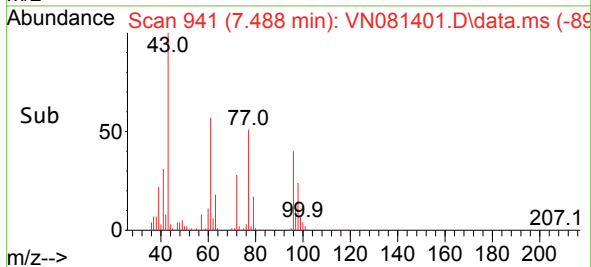
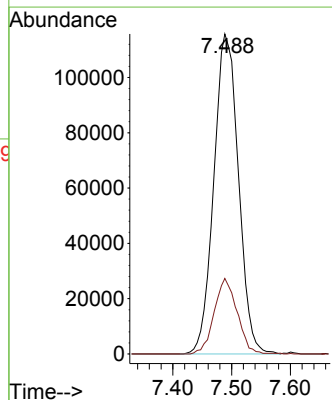
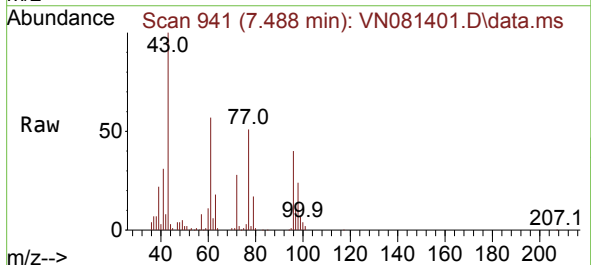
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

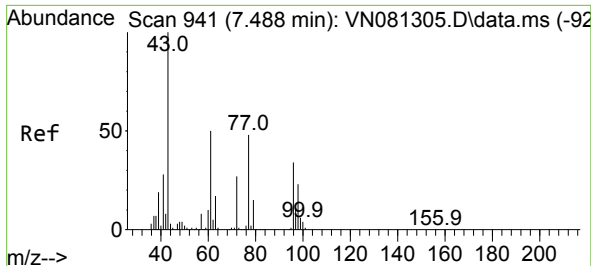
Tgt Ion: 43 Resp: 631019  
Ion Ratio Lower Upper  
43 100  
72 27.6 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 47.603 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 77 Resp: 336719  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.5 34.5

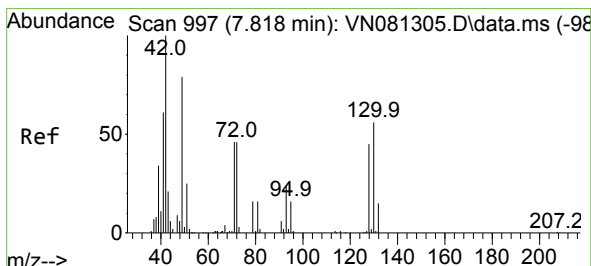
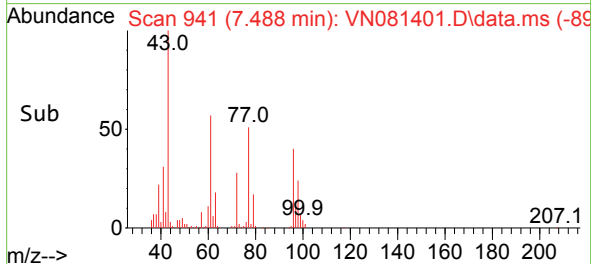
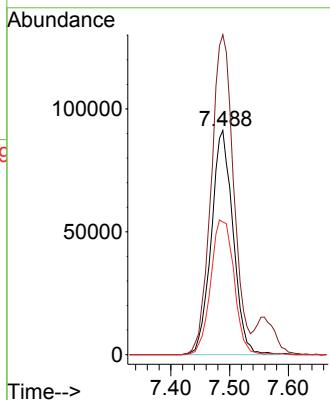
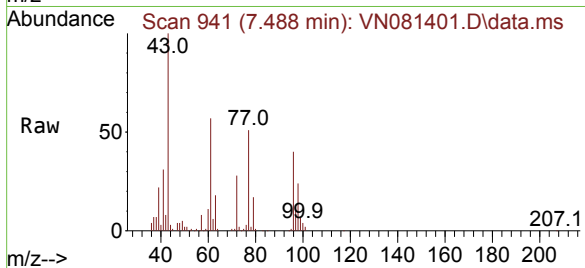




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.327 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

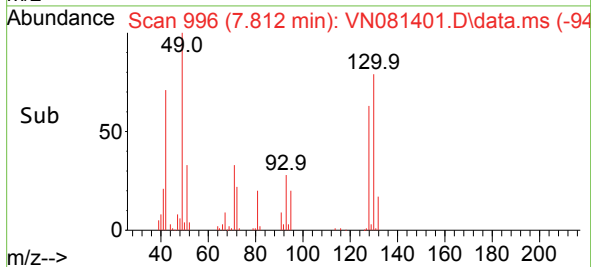
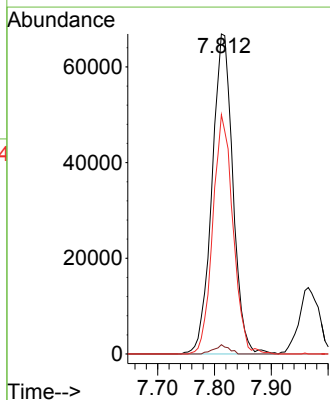
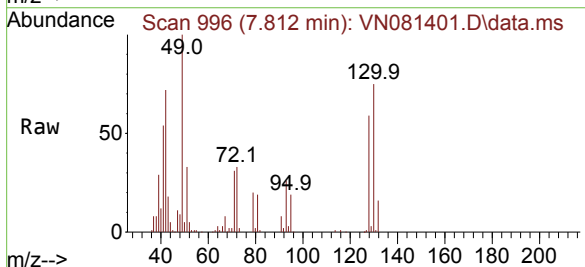
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

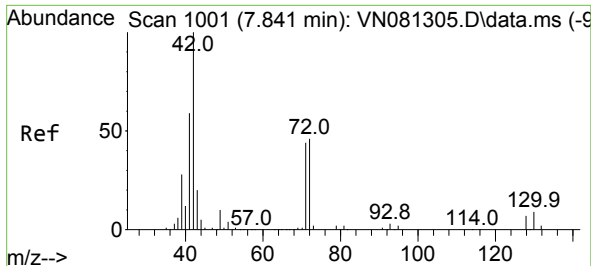
Tgt Ion: 96 Resp: 234872  
 Ion Ratio Lower Upper  
 96 100  
 61 147.2 0.0 325.4  
 98 64.2 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 49.906 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion: 49 Resp: 170904  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 1.6#  
 130 72.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 219.709 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

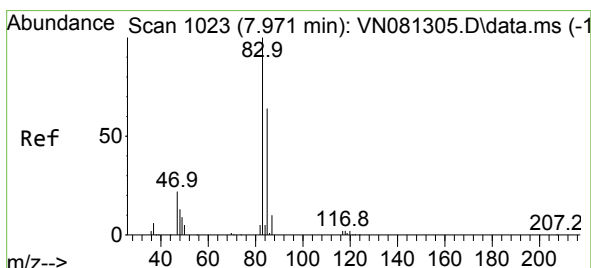
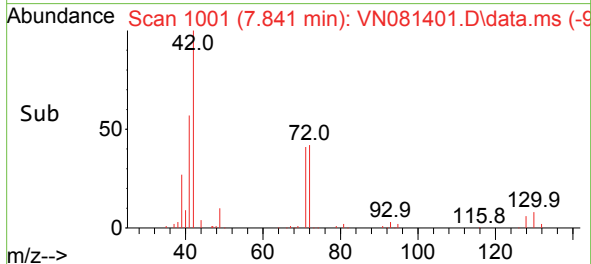
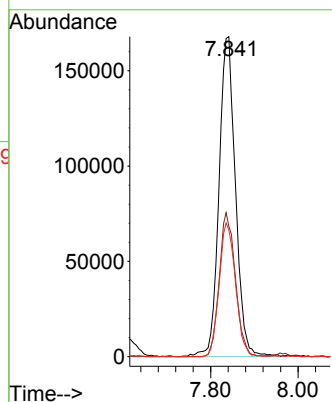
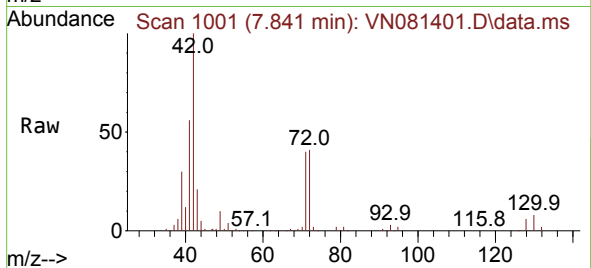
Tgt Ion: 42 Resp: 437465

Ion Ratio Lower Upper

42 100

72 43.9 31.1 46.7

71 41.4 28.3 42.5



#30

Chloroform

Concen: 49.390 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081401.D

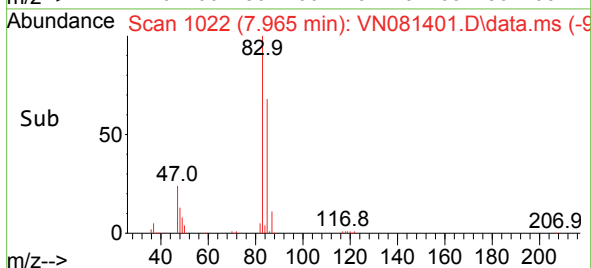
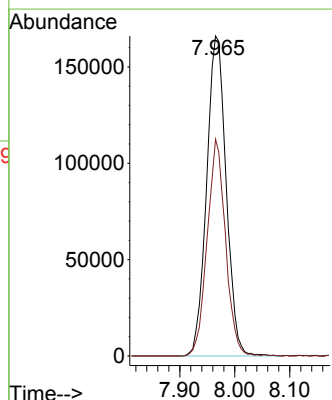
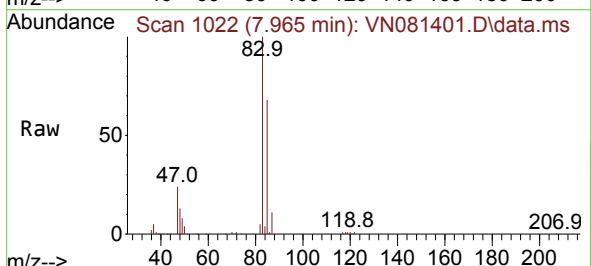
Acq: 14 Mar 2024 11:22

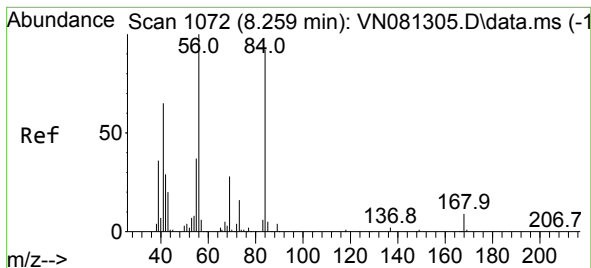
Tgt Ion: 83 Resp: 410193

Ion Ratio Lower Upper

83 100

85 67.8 51.0 76.6





#31

Cyclohexane

Concen: 41.798 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

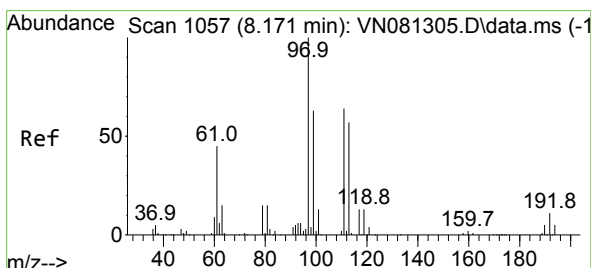
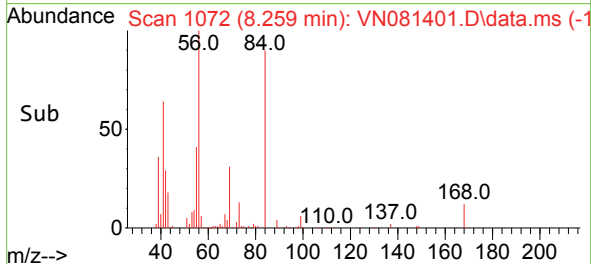
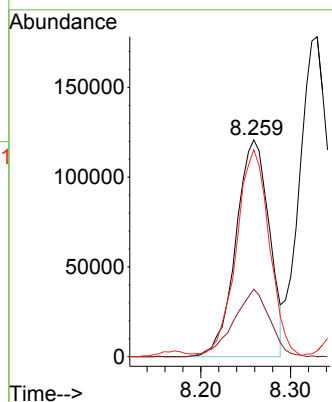
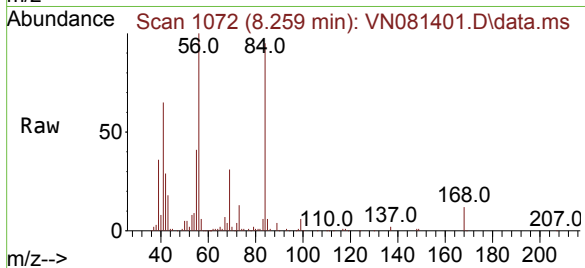
Tgt Ion: 56 Resp: 311415

Ion Ratio Lower Upper

56 100

69 31.2 20.1 30.1#

84 92.9 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 49.238 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

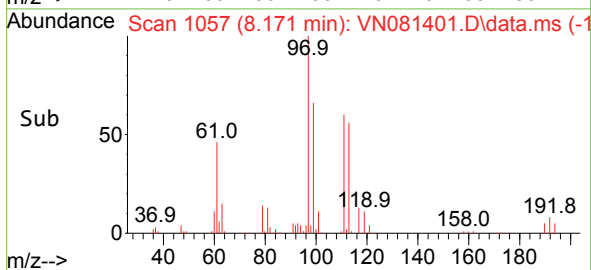
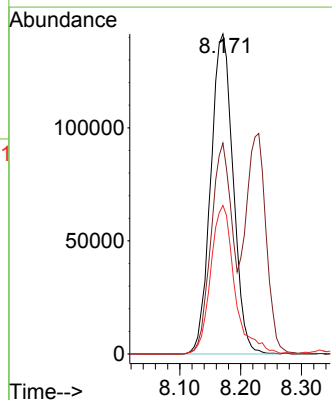
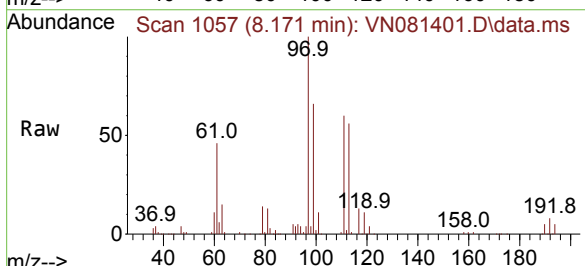
Tgt Ion: 97 Resp: 361467

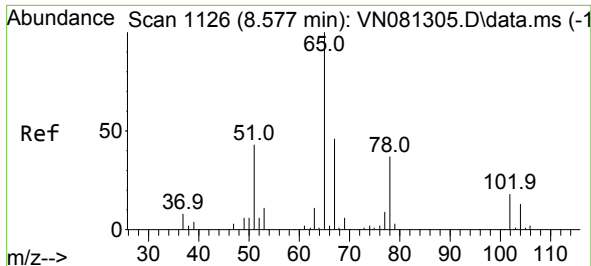
Ion Ratio Lower Upper

97 100

99 61.9 53.4 80.0

61 49.9 43.8 65.8

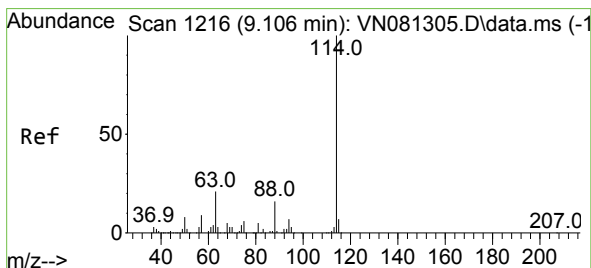
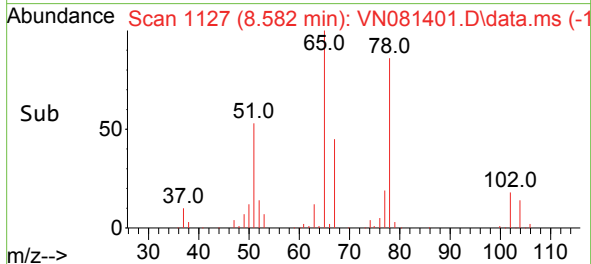
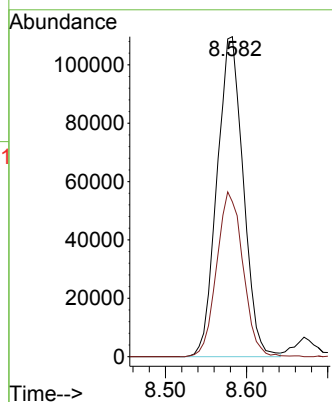
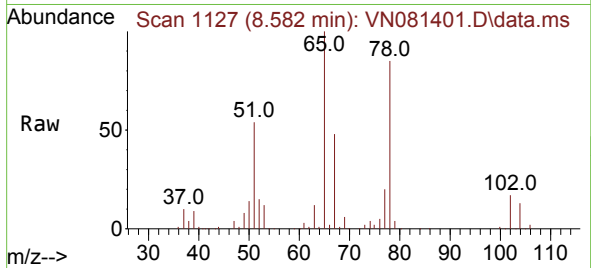




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.027 ug/l  
 RT: 8.582 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

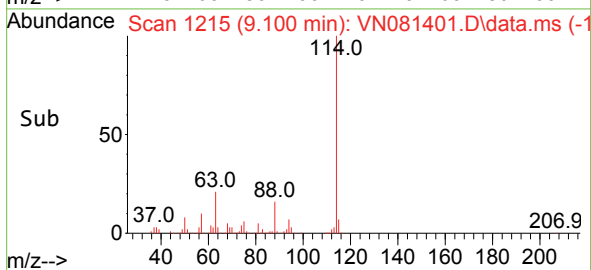
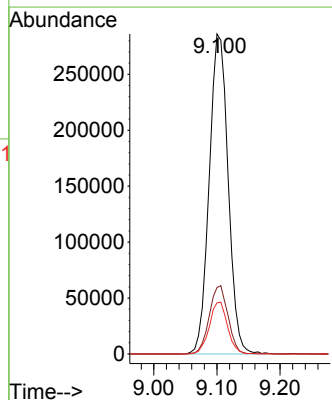
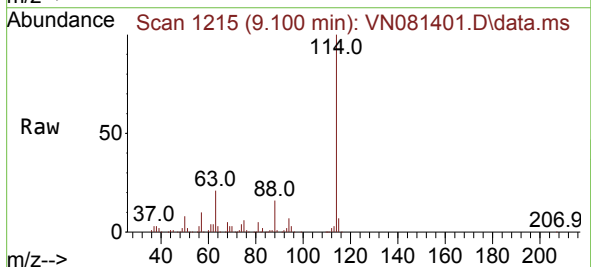
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

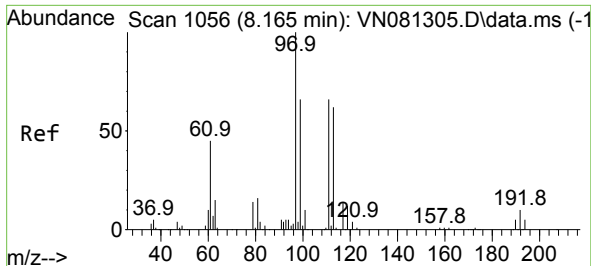
Tgt Ion: 65 Resp: 246191  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. -0.006 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion: 114 Resp: 595569  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 48.0  
 88 16.0 0.0 34.8

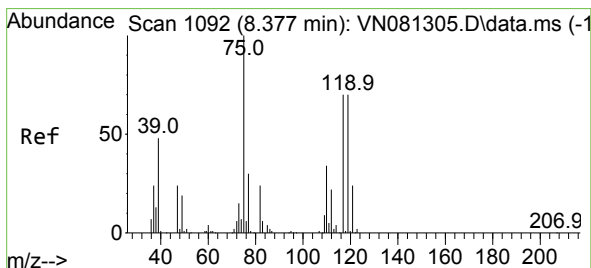
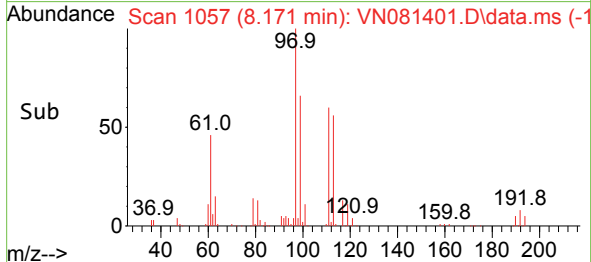
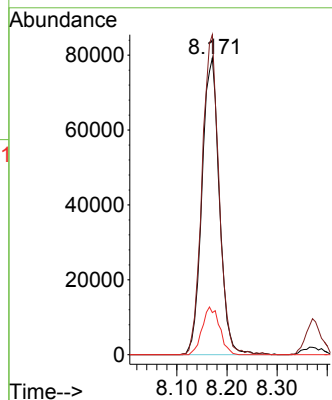
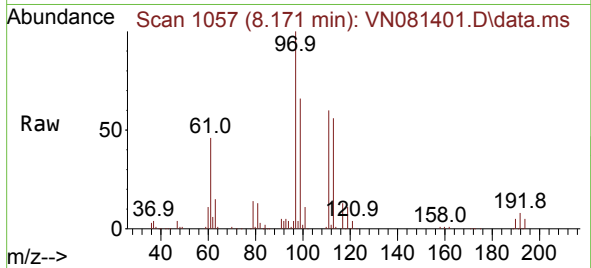




#35  
Dibromofluoromethane  
Concen: 52.306 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

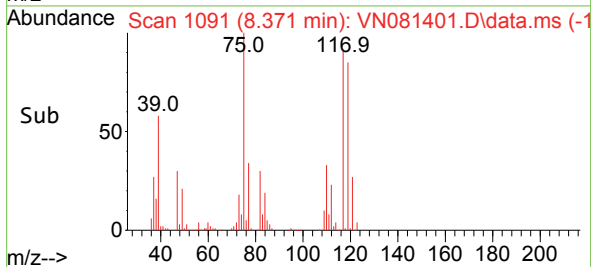
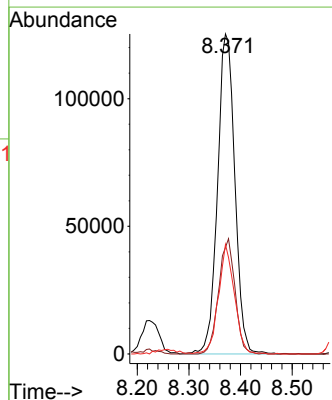
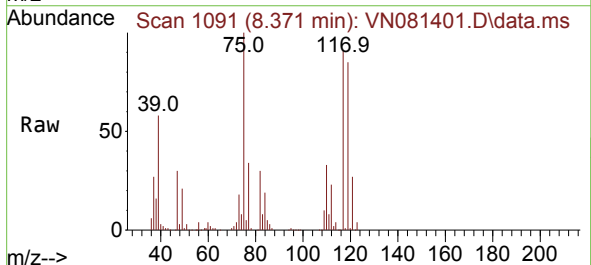
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

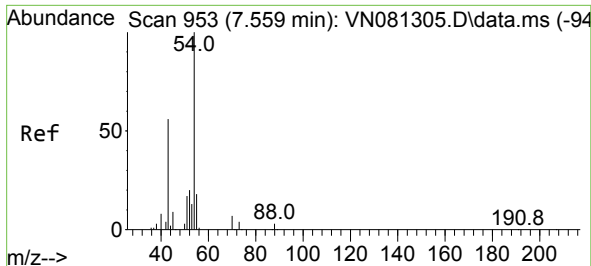
Tgt Ion:113 Resp: 190858  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.2 123.4  
192 16.1 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 49.614 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 292061  
Ion Ratio Lower Upper  
75 100  
110 34.1 16.0 48.0  
77 31.6 25.8 38.6

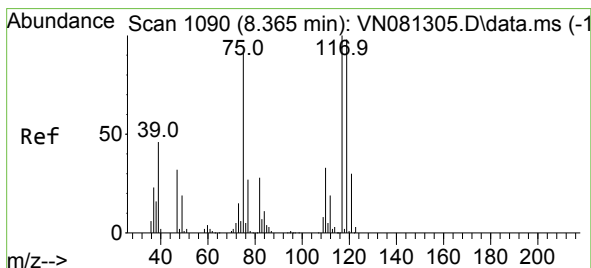
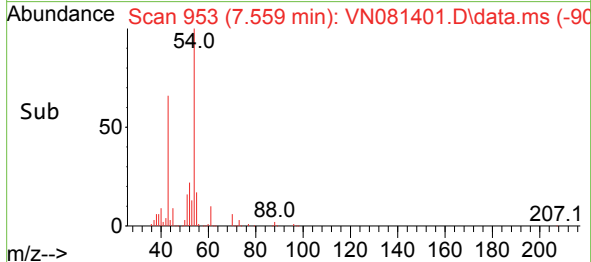
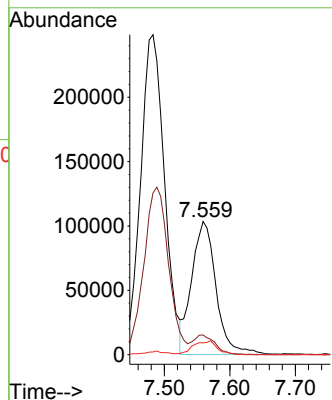
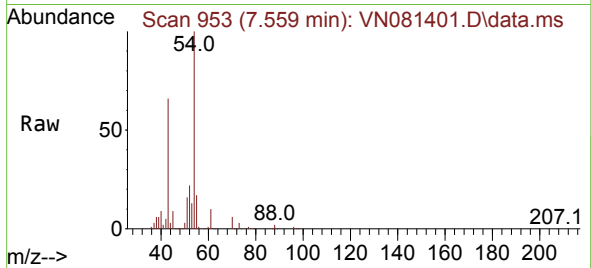




#37  
Ethyl Acetate  
Concen: 46.497 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

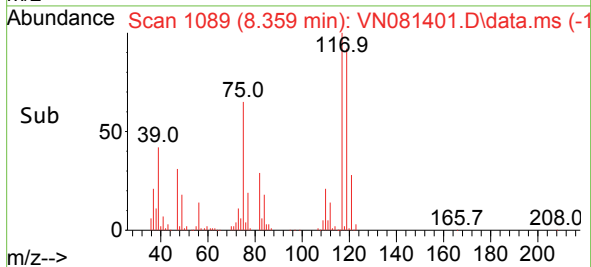
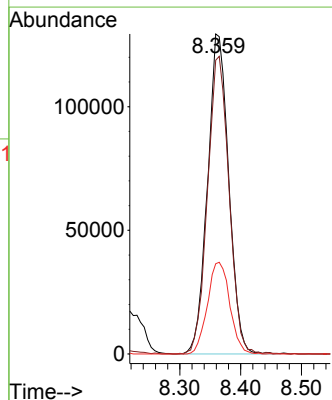
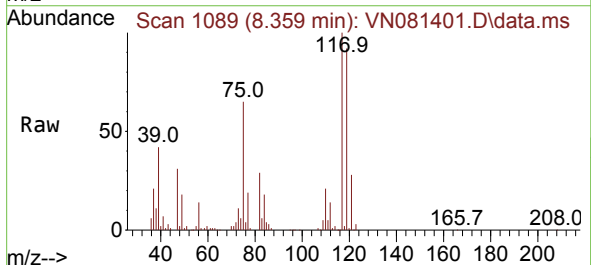
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

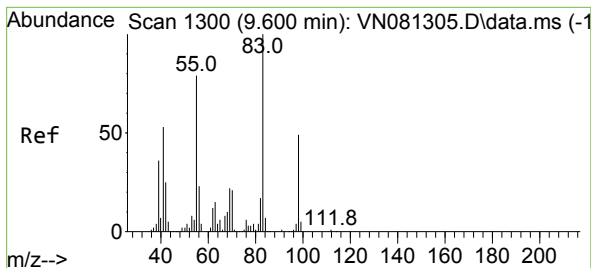
Tgt Ion: 43 Resp: 267565  
Ion Ratio Lower Upper  
43 100  
61 13.4 10.6 15.8  
70 10.2 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 52.959 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 117 Resp: 313762  
Ion Ratio Lower Upper  
117 100  
119 91.7 73.4 110.2  
121 28.2 24.4 36.6





#39

Methylcyclohexane

Concen: 47.628 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

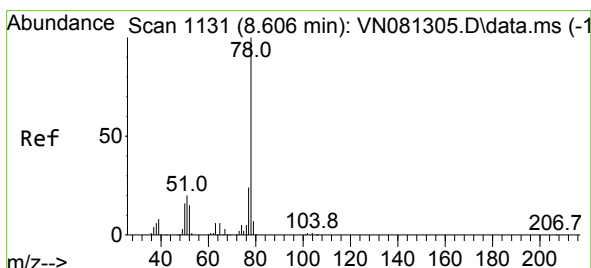
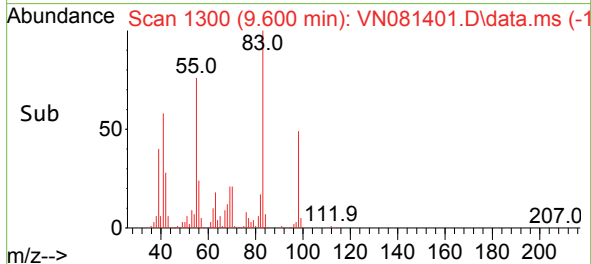
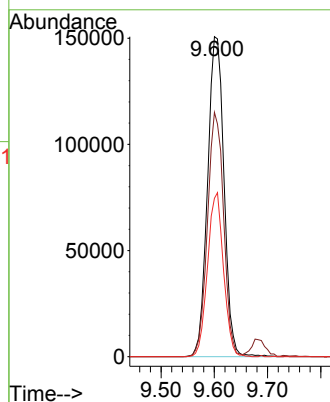
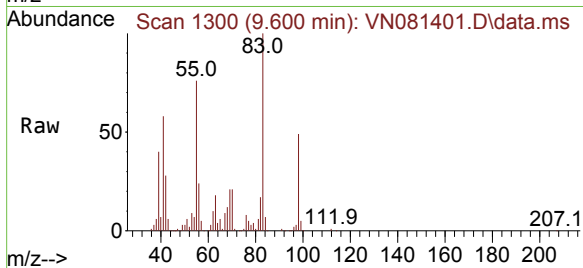
Tgt Ion: 83 Resp: 322665

Ion Ratio Lower Upper

83 100

55 76.3 65.7 98.5

98 49.5 33.8 50.6



#40

Benzene

Concen: 48.881 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081401.D

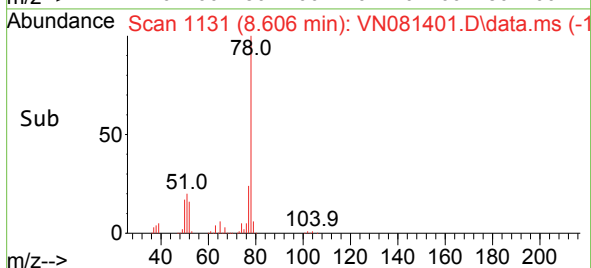
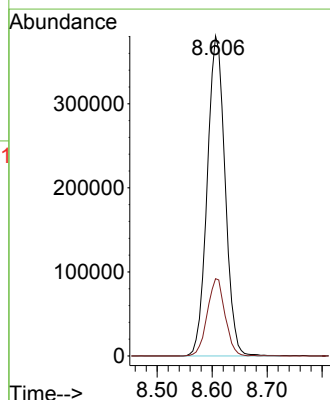
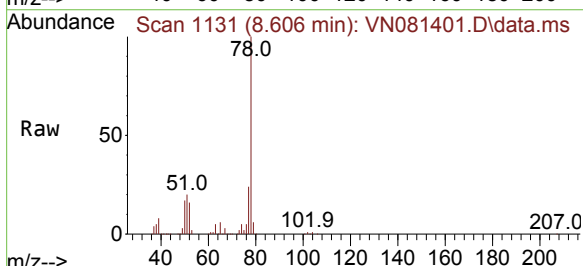
Acq: 14 Mar 2024 11:22

Tgt Ion: 78 Resp: 858884

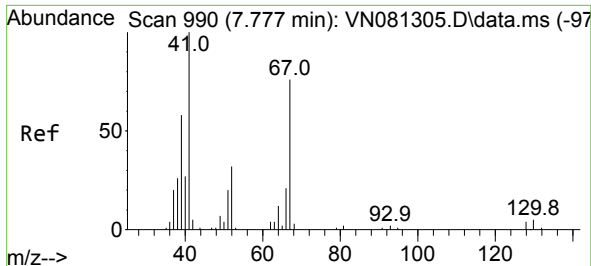
Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6





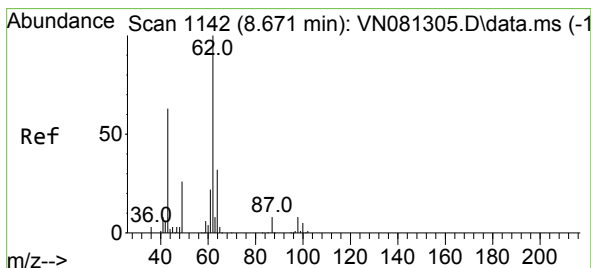
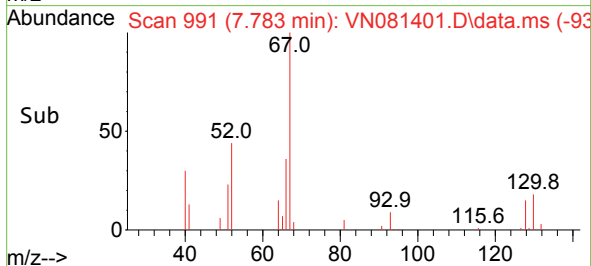
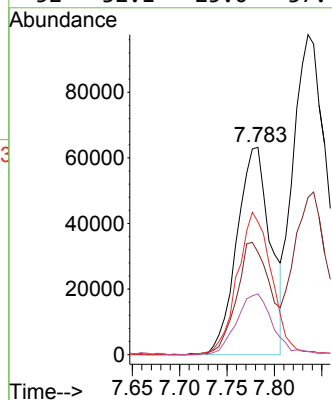
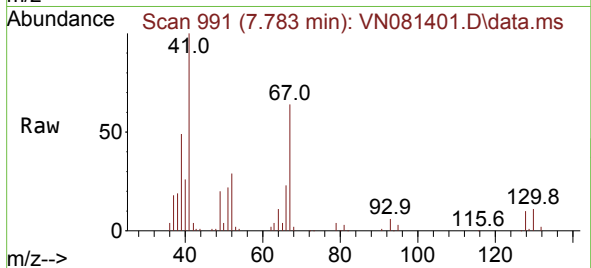


#41  
Methacrylonitrile  
Concen: 48.051 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 156149

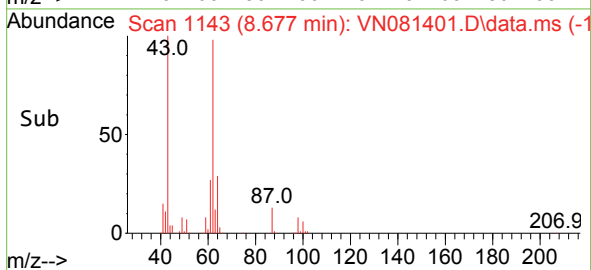
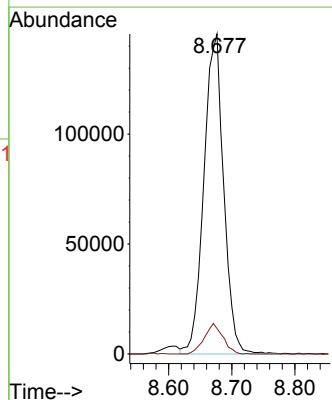
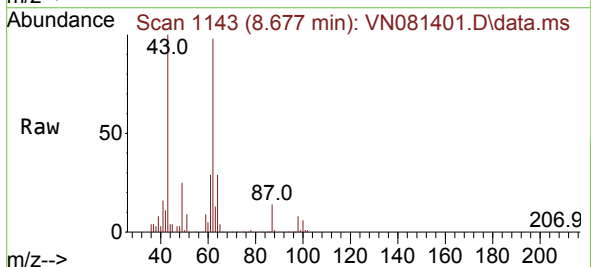
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.4  | 48.4  | 72.6  |
| 67  | 70.7  | 56.8  | 85.2  |
| 52  | 32.1  | 25.0  | 37.4  |

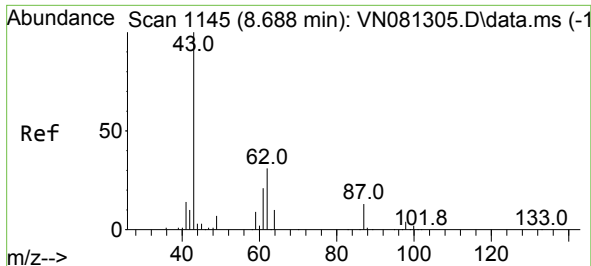


#42  
1,2-Dichloroethane  
Concen: 51.168 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 62 Resp: 317004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 18.0  |

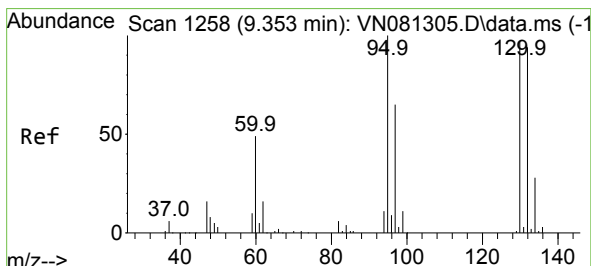
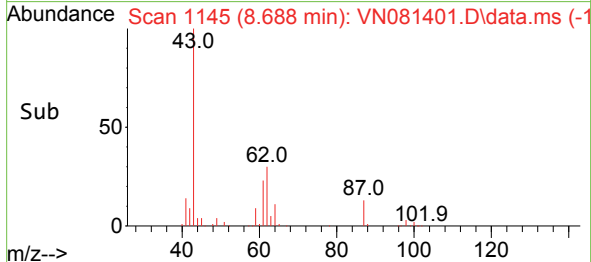
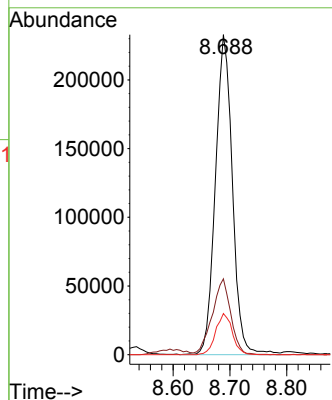
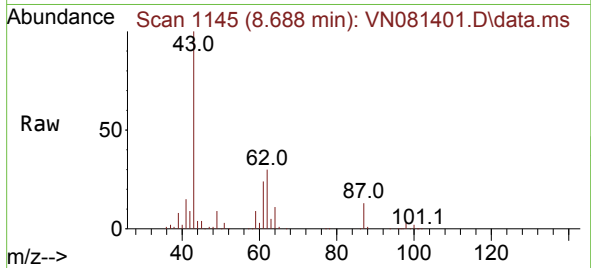




#43  
Isopropyl Acetate  
Concen: 48.004 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

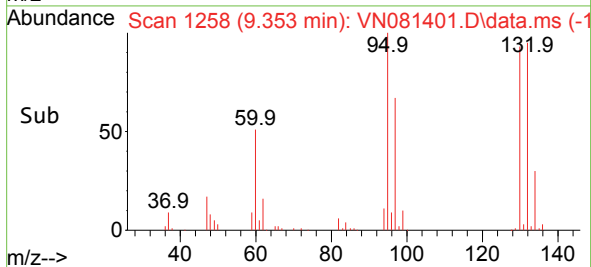
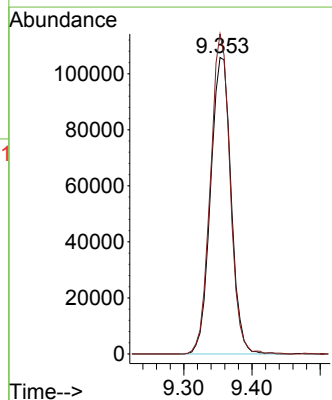
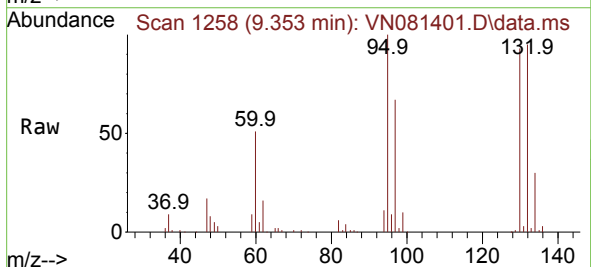
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

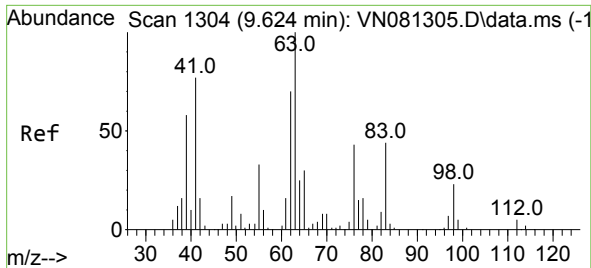
Tgt Ion: 43 Resp: 483496  
Ion Ratio Lower Upper  
43 100  
61 25.9 19.9 29.9  
87 12.6 9.0 13.6



#44  
Trichloroethene  
Concen: 49.849 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:130 Resp: 220912  
Ion Ratio Lower Upper  
130 100  
95 107.9 0.0 210.4

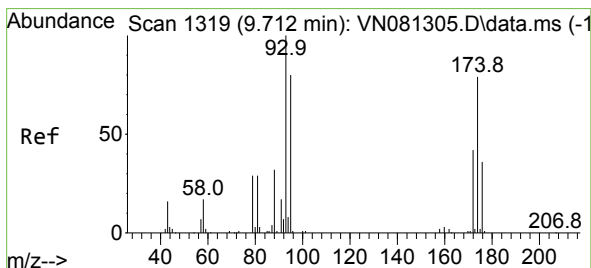
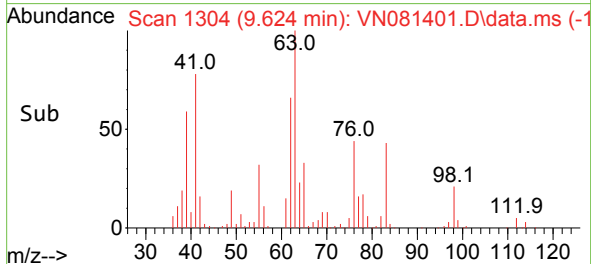
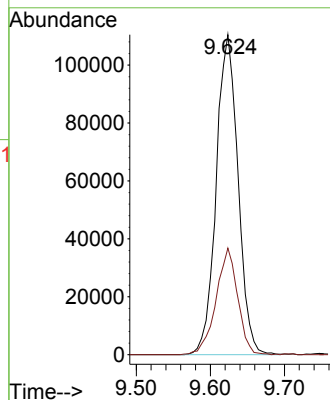
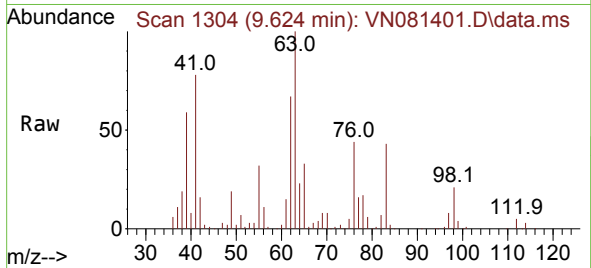




#45  
1,2-Dichloropropane  
Concen: 51.162 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

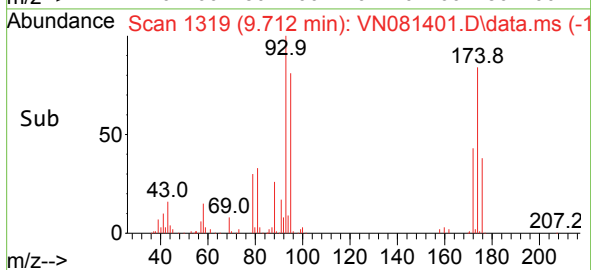
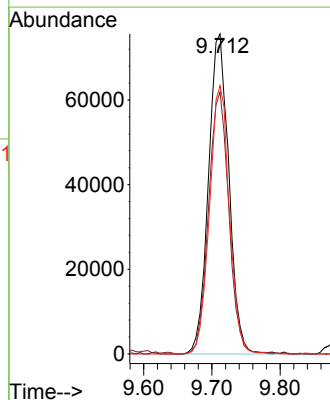
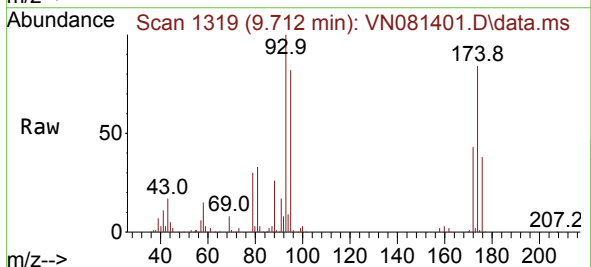
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

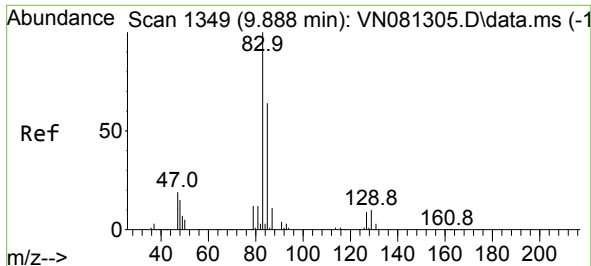
Tgt Ion: 63 Resp: 225831  
Ion Ratio Lower Upper  
63 100  
65 33.3 26.1 39.1



#46  
Dibromomethane  
Concen: 50.656 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 93 Resp: 157605  
Ion Ratio Lower Upper  
93 100  
95 81.2 68.1 102.1  
174 81.8 57.2 85.8

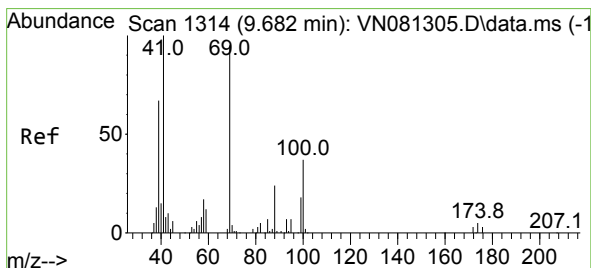
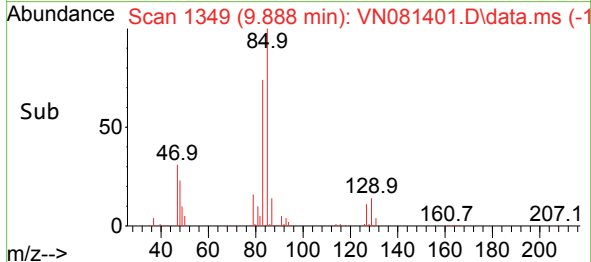
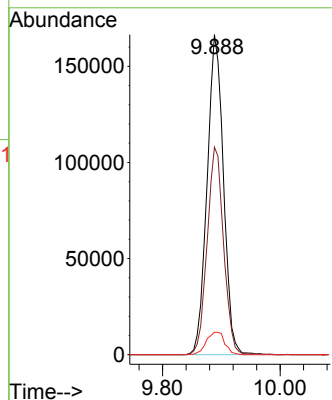
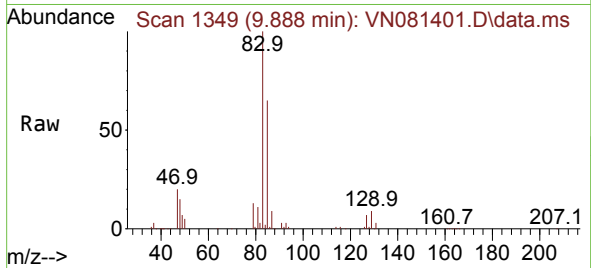




#47  
Bromodichloromethane  
Concen: 53.368 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

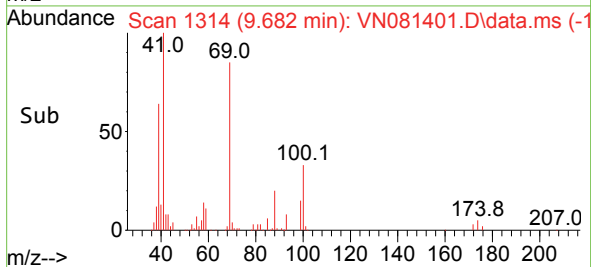
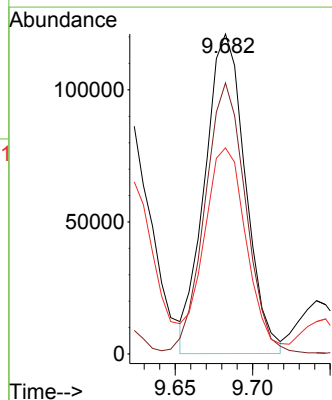
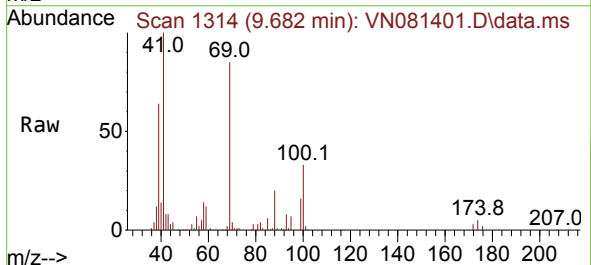
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

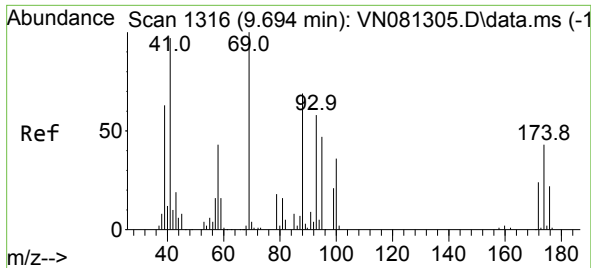
Tgt Ion: 83 Resp: 322344  
Ion Ratio Lower Upper  
83 100  
85 64.8 52.3 78.5  
127 7.0 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 49.517 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 41 Resp: 220451  
Ion Ratio Lower Upper  
41 100  
69 86.0 62.2 93.2  
39 67.7 47.6 71.4

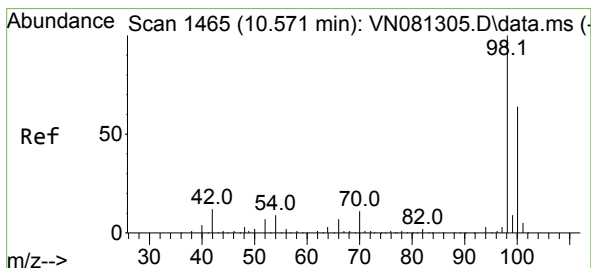
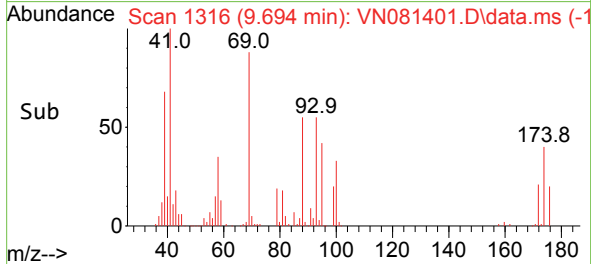
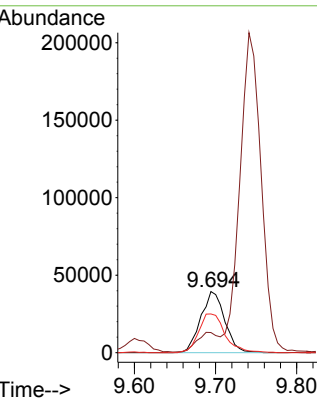
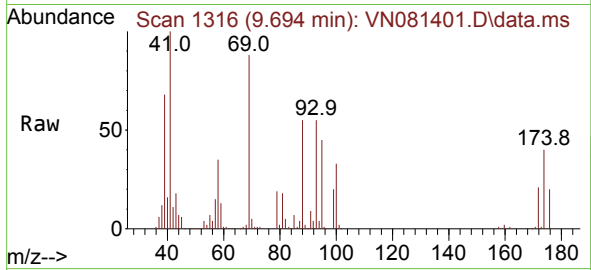




#49  
1,4-Dioxane  
Concen: 826.983 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

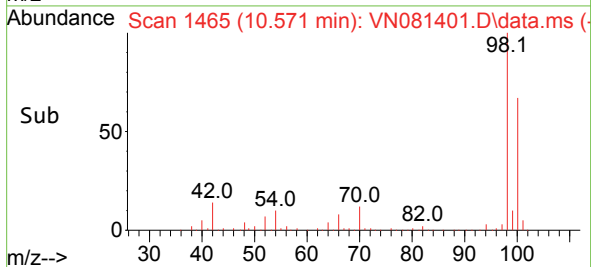
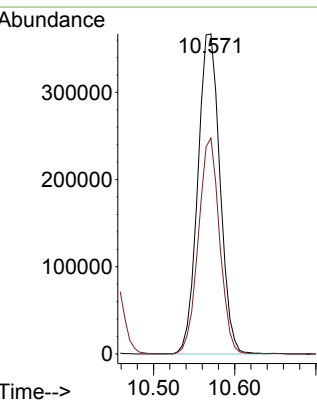
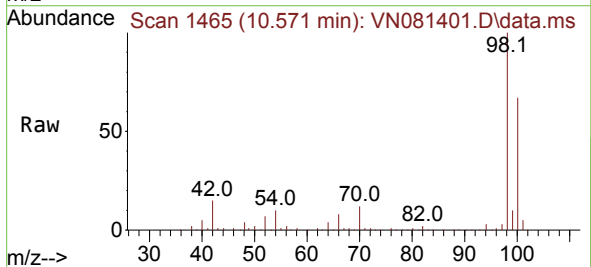
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

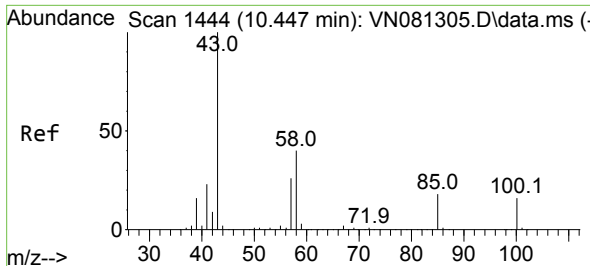
Tgt Ion: 88 Resp: 81150  
Ion Ratio Lower Upper  
88 100  
43 30.0 30.1 45.1#  
58 69.3 63.9 95.9



#50  
Toluene-d8  
Concen: 51.018 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 98 Resp: 695895  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.4 77.0

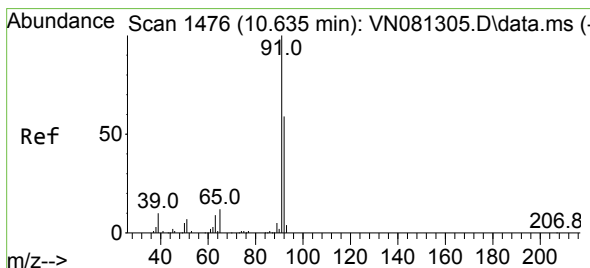
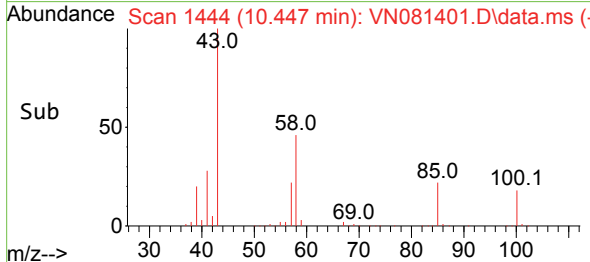
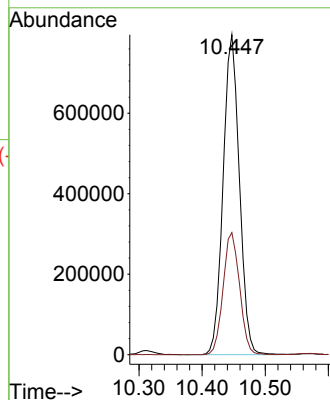
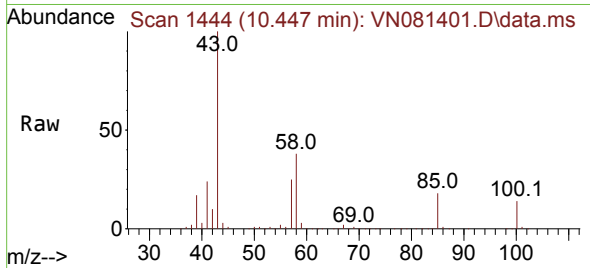




#51  
4-Methyl-2-Pentanone  
Concen: 243.414 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

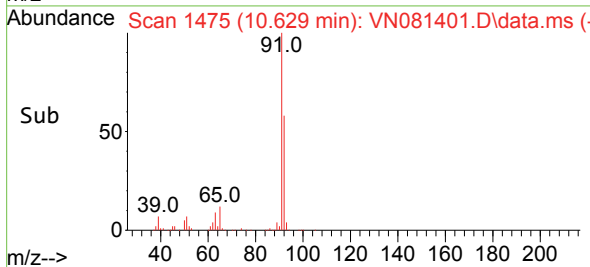
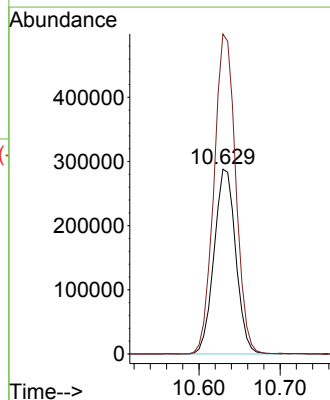
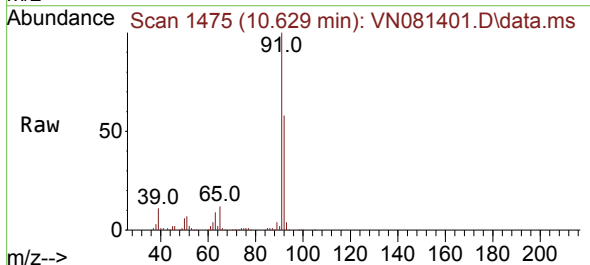
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

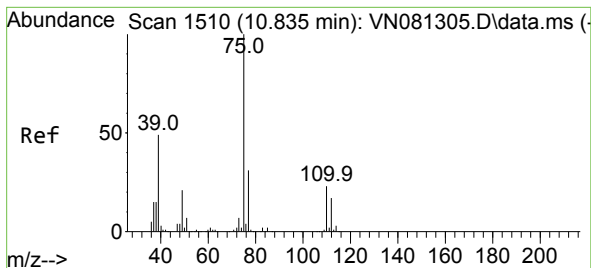
Tgt Ion: 43 Resp: 1423551  
Ion Ratio Lower Upper  
43 100  
58 38.7 29.4 44.0



#52  
Toluene  
Concen: 50.434 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 92 Resp: 535328  
Ion Ratio Lower Upper  
92 100  
91 173.4 139.4 209.0

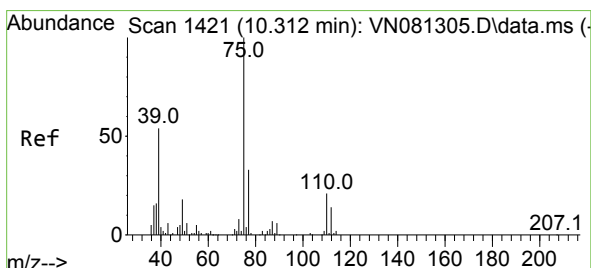
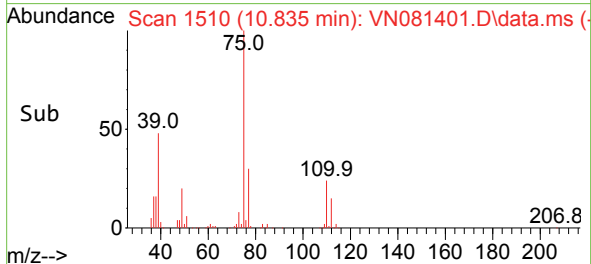
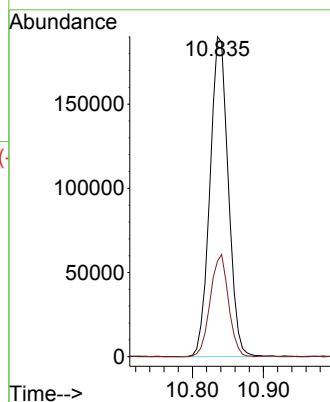
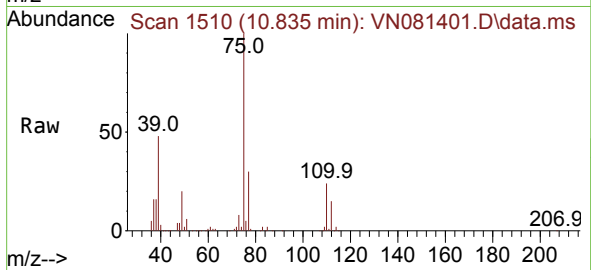




#53  
t-1,3-Dichloropropene  
Concen: 52.204 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

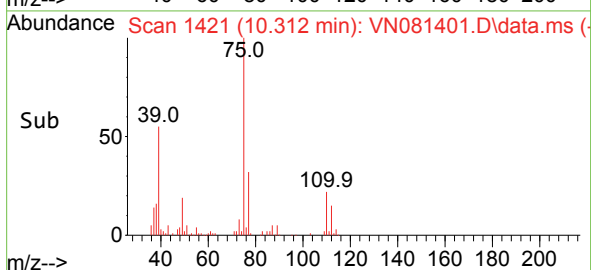
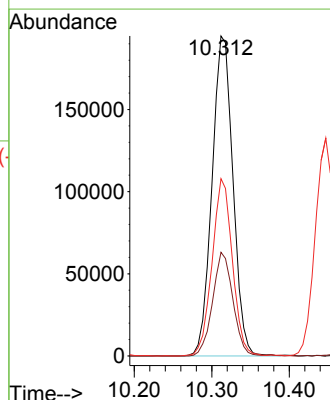
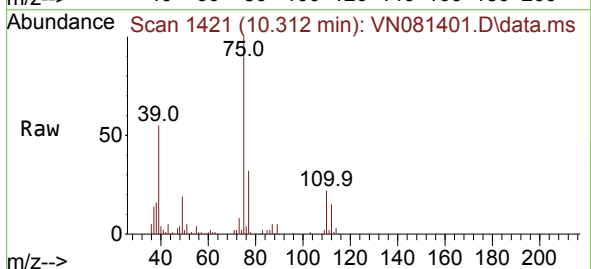
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

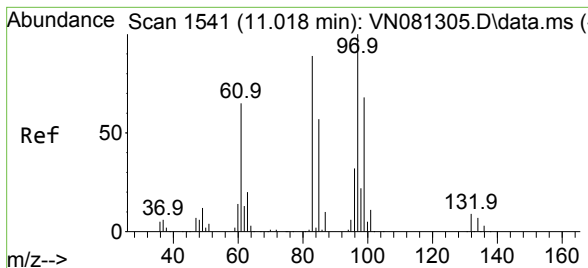
Tgt Ion: 75 Resp: 341163  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 51.757 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 365134  
Ion Ratio Lower Upper  
75 100  
77 32.4 23.3 34.9  
39 55.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 51.096 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 215071

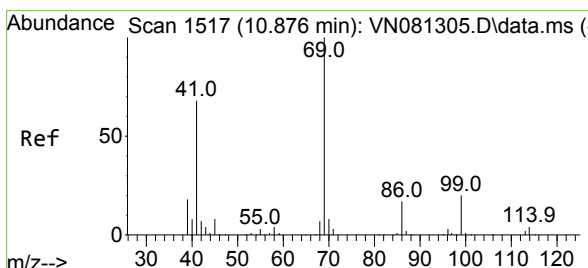
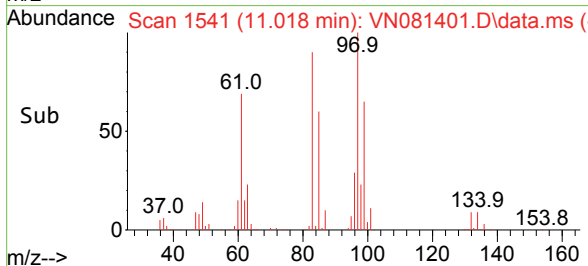
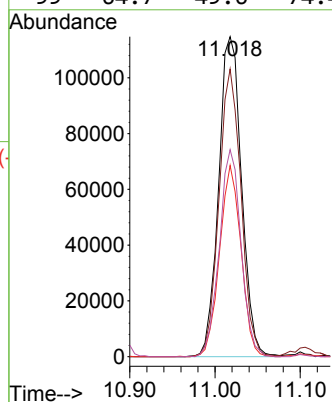
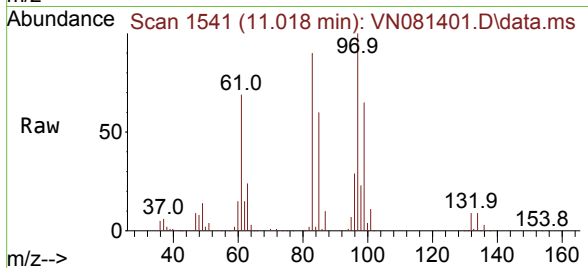
Ion Ratio Lower Upper

97 100

83 89.9 72.9 109.3

85 59.8 50.2 75.2

99 64.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 52.828 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

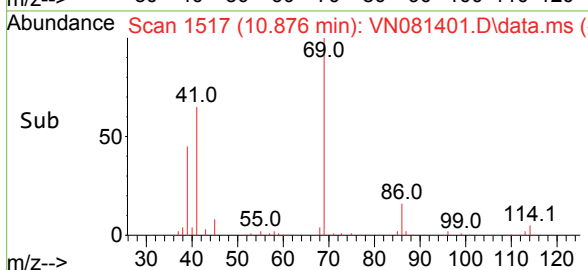
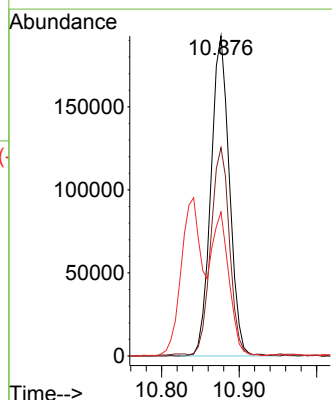
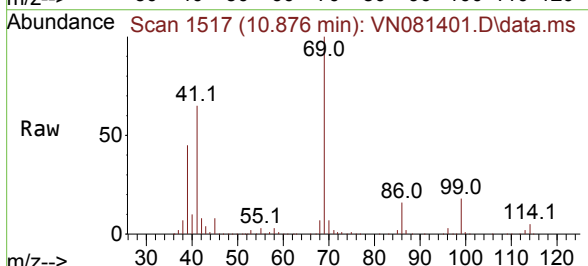
Tgt Ion: 69 Resp: 319292

Ion Ratio Lower Upper

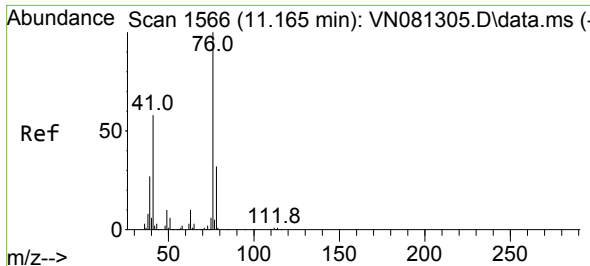
69 100

41 65.5 61.0 91.6

39 41.0 31.8 47.6







#57

1,3-Dichloropropane

Concen: 50.894 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

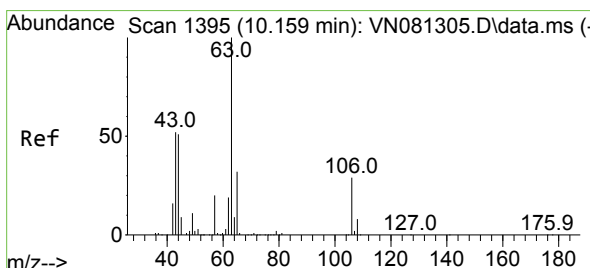
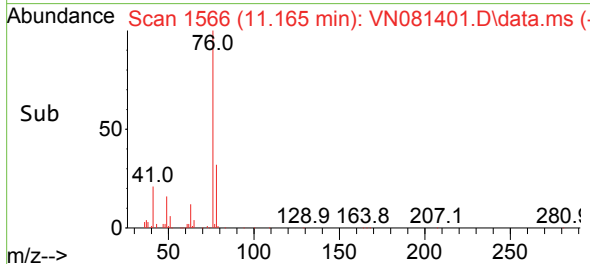
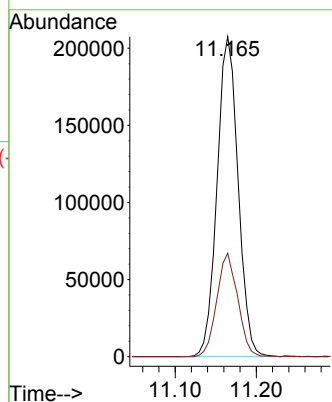
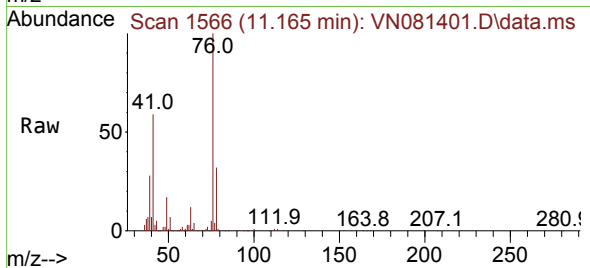
VSTDCCC050

Tgt Ion: 76 Resp: 373873

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 273.888 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081401.D

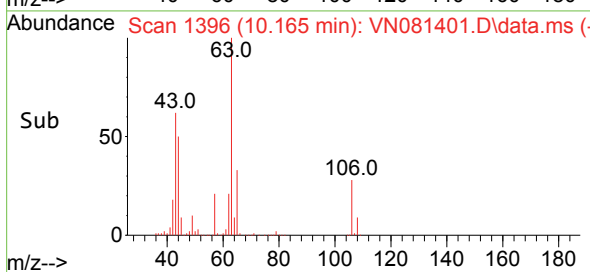
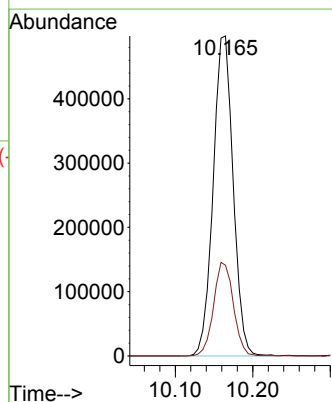
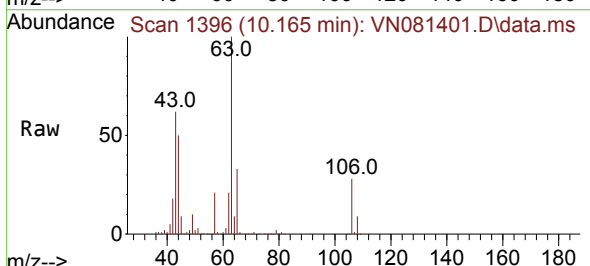
Acq: 14 Mar 2024 11:22

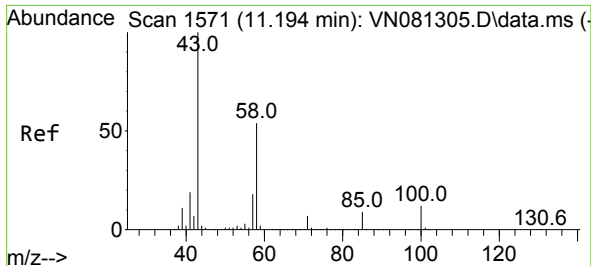
Tgt Ion: 63 Resp: 890461

Ion Ratio Lower Upper

63 100

106 29.0 18.6 28.0#

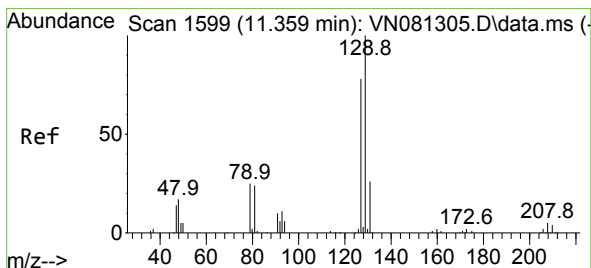
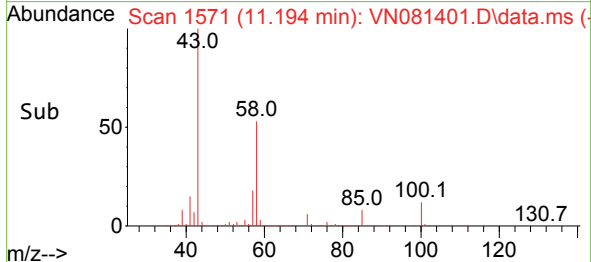
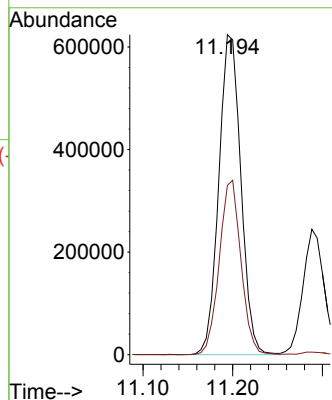
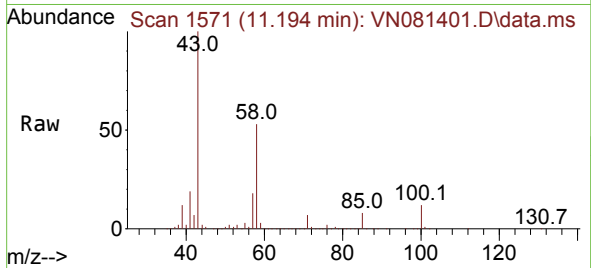




#59  
2-Hexanone  
Concen: 243.758 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

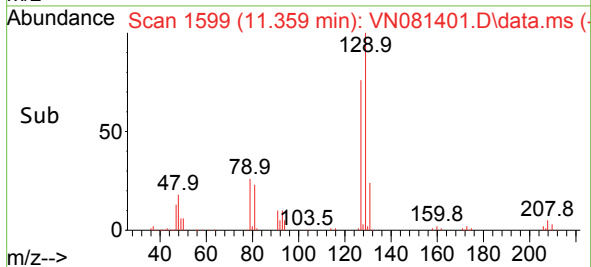
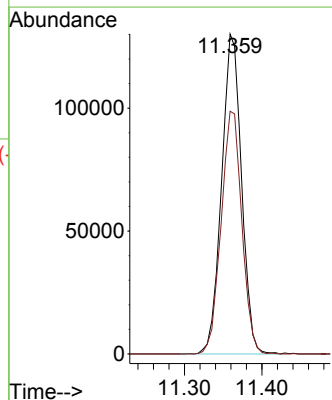
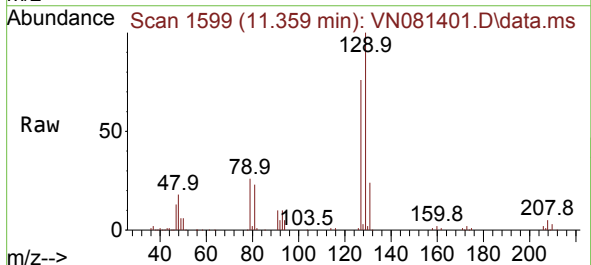
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

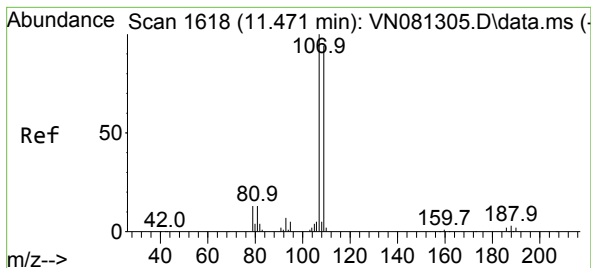
Tgt Ion: 43 Resp: 1065736  
Ion Ratio Lower Upper  
43 100  
58 53.6 25.9 77.8



#60  
Dibromochloromethane  
Concen: 53.570 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:129 Resp: 232220  
Ion Ratio Lower Upper  
129 100  
127 78.8 39.4 118.2





#61

1,2-Dibromoethane

Concen: 49.309 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

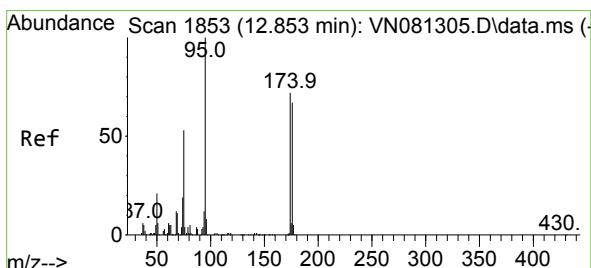
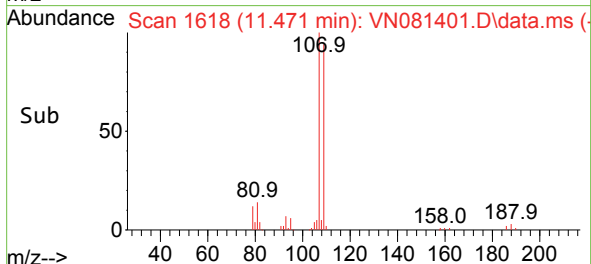
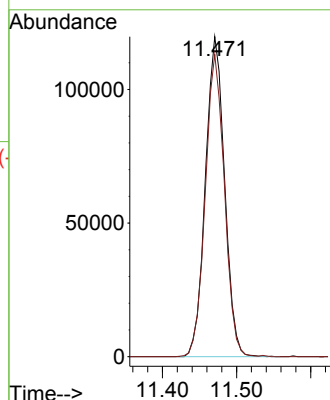
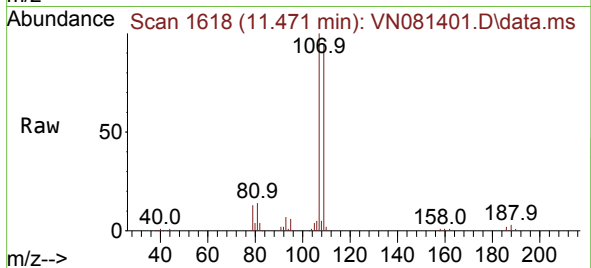
VSTDCCC050

Tgt Ion:107 Resp: 215349

Ion Ratio Lower Upper

107 100

109 94.1 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 51.830 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

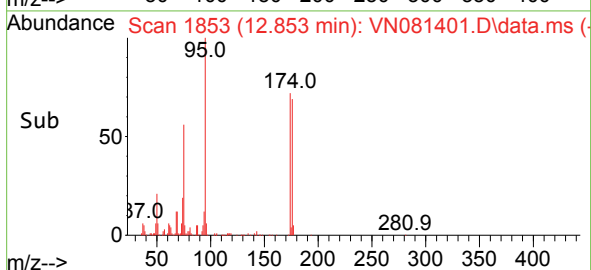
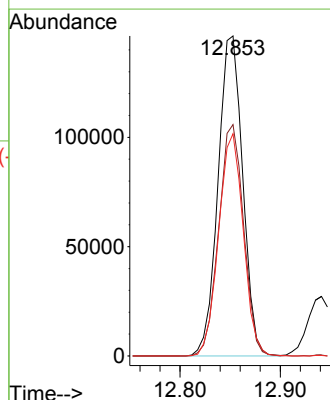
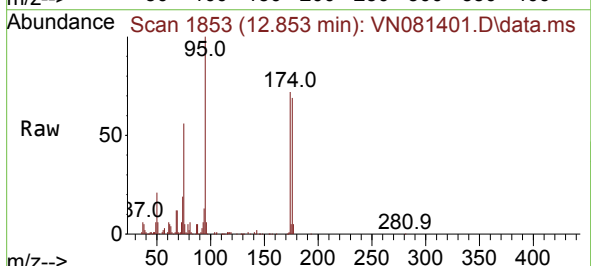
Tgt Ion: 95 Resp: 249871

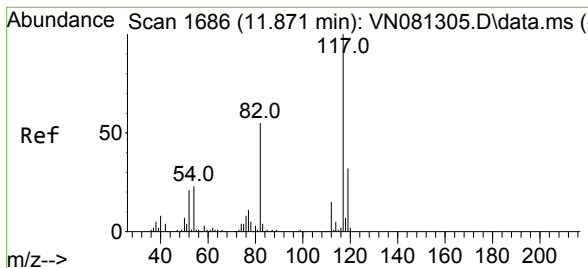
Ion Ratio Lower Upper

95 100

174 73.0 0.0 120.4

176 69.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

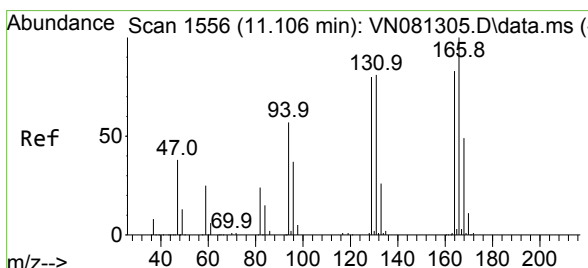
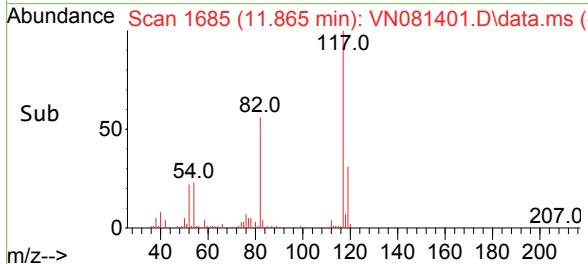
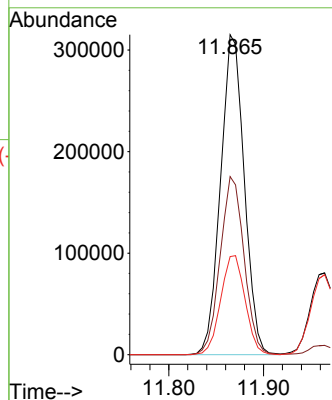
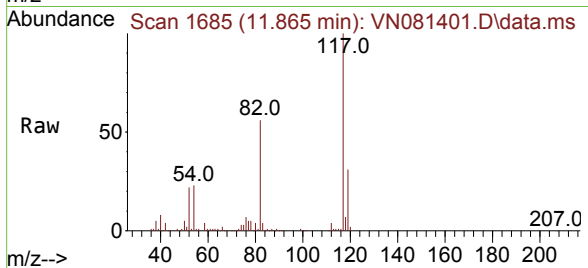
Tgt Ion:117 Resp: 547809

Ion Ratio Lower Upper

117 100

82 55.7 52.7 79.1

119 30.7 25.3 37.9



#64

Tetrachloroethene

Concen: 50.682 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Tgt Ion:164 Resp: 217391

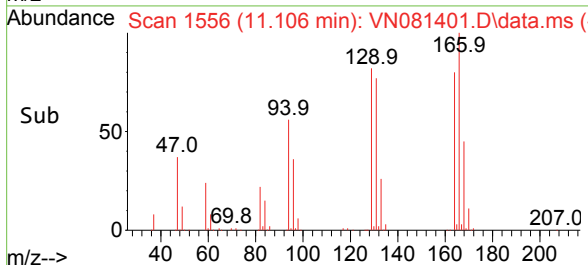
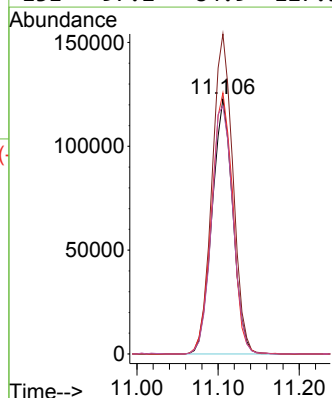
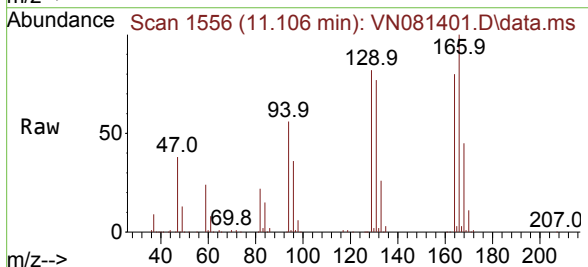
Ion Ratio Lower Upper

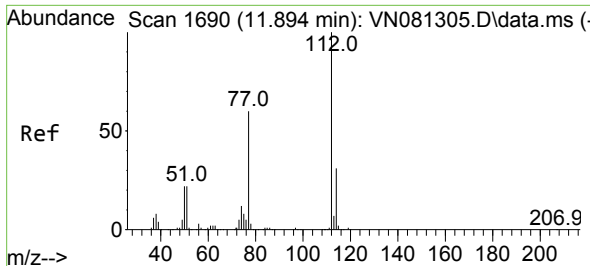
164 100

166 125.5 105.8 158.6

129 102.4 89.6 134.4

131 97.2 84.9 127.3

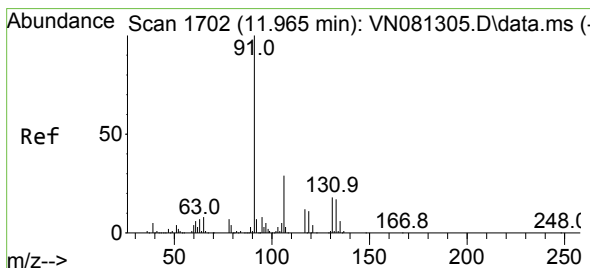
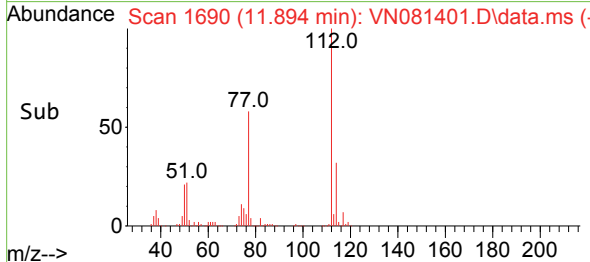
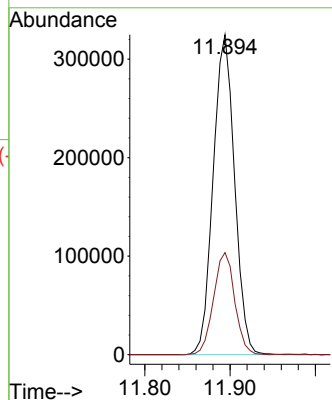
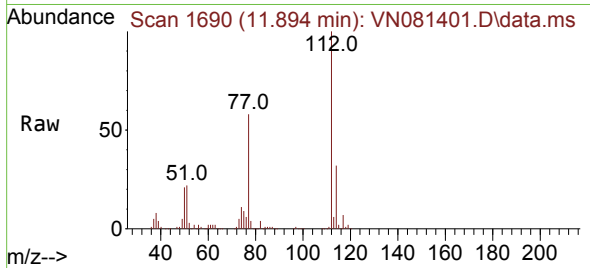




#65  
Chlorobenzene  
Concen: 49.033 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

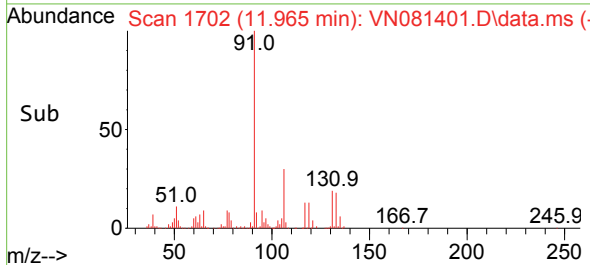
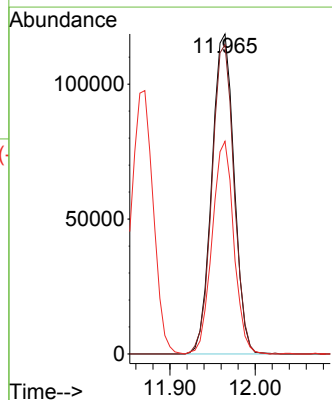
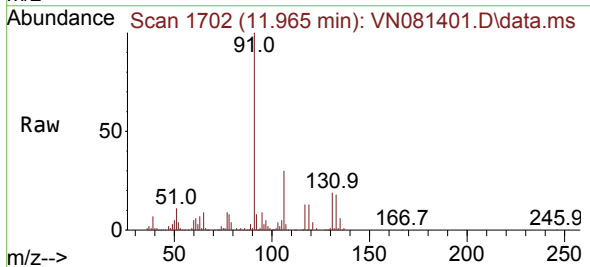
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

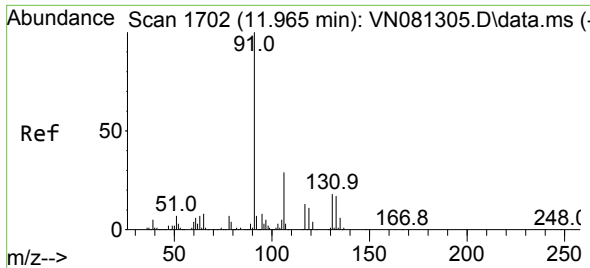
Tgt Ion:112 Resp: 566023  
Ion Ratio Lower Upper  
112 100  
114 31.9 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.137 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:131 Resp: 216011  
Ion Ratio Lower Upper  
131 100  
133 96.1 46.8 140.3  
119 64.7 34.6 103.9

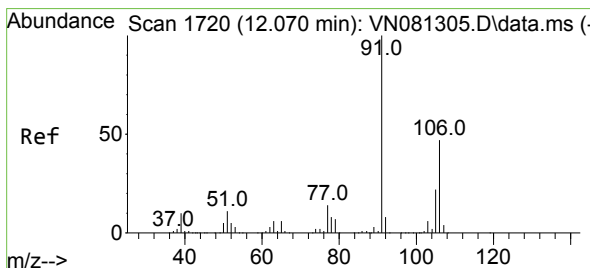
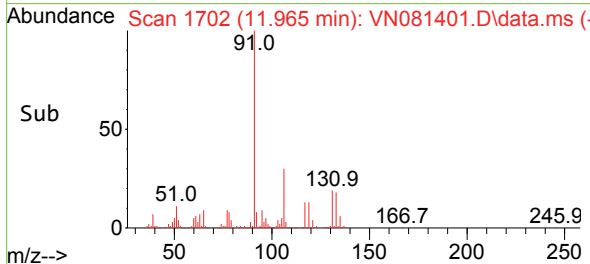
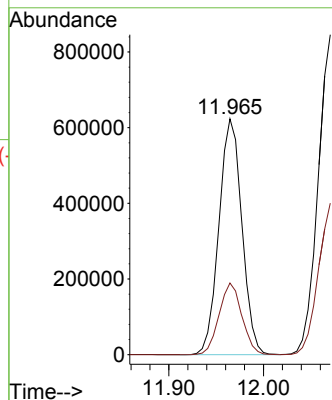
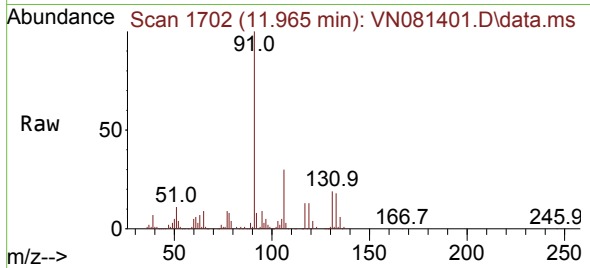




#67  
Ethyl Benzene  
Concen: 50.522 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

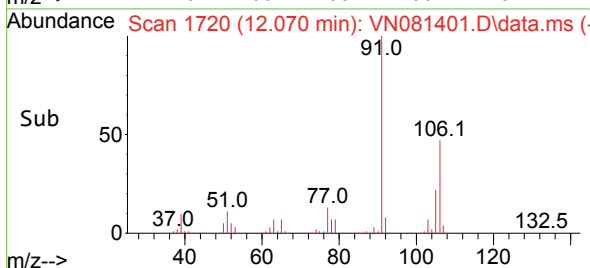
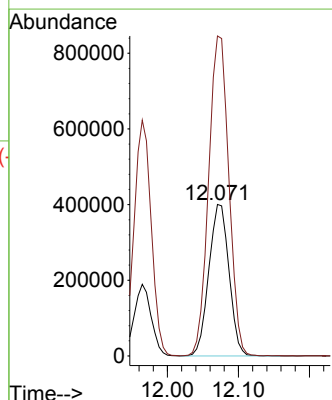
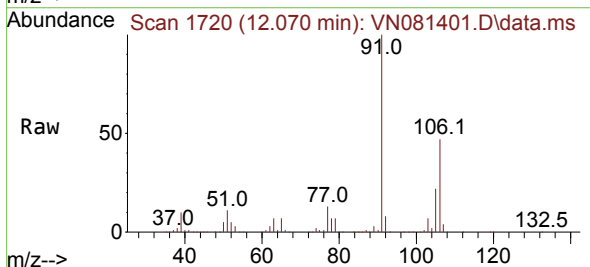
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

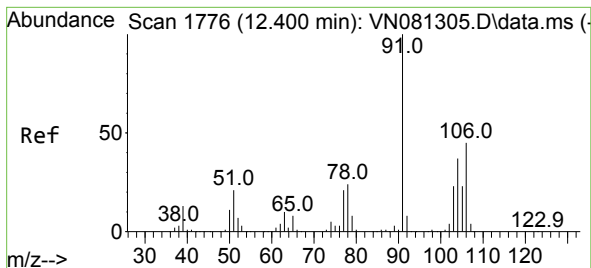
Tgt Ion: 91 Resp: 1050557  
Ion Ratio Lower Upper  
91 100  
106 30.4 23.8 35.6



#68  
m/p-Xylenes  
Concen: 100.923 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:106 Resp: 789799  
Ion Ratio Lower Upper  
106 100  
91 211.3 169.0 253.6

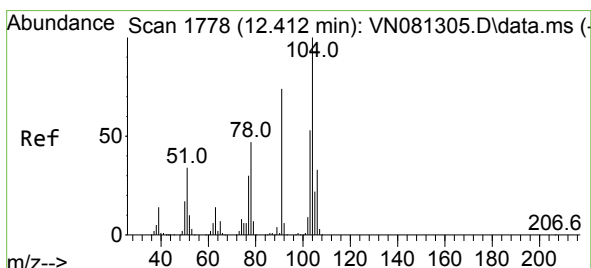
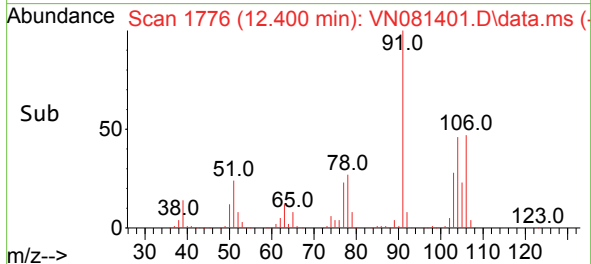
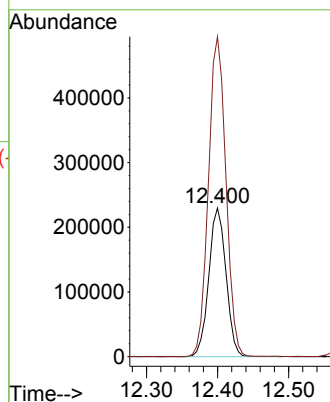
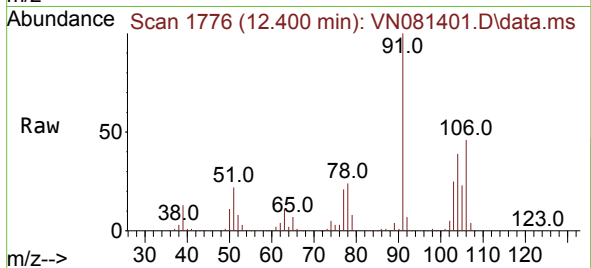




#69  
o-Xylene  
Concen: 50.959 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

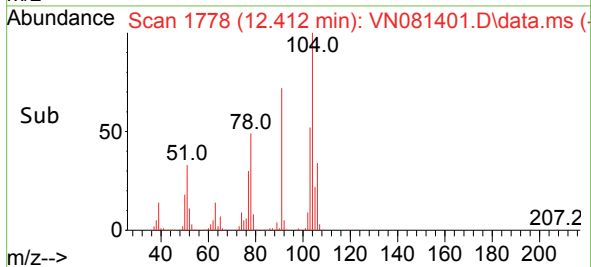
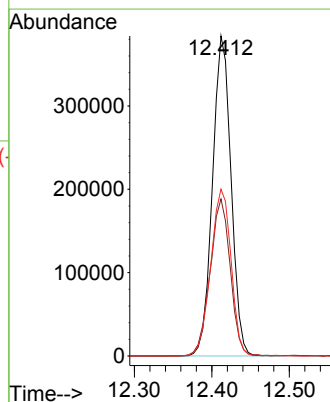
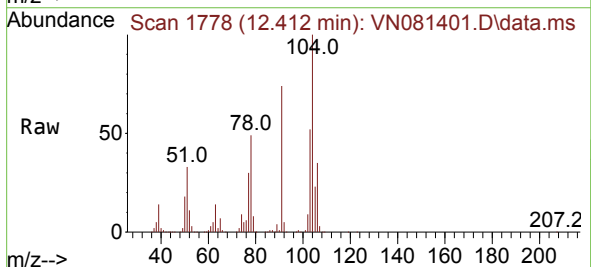
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

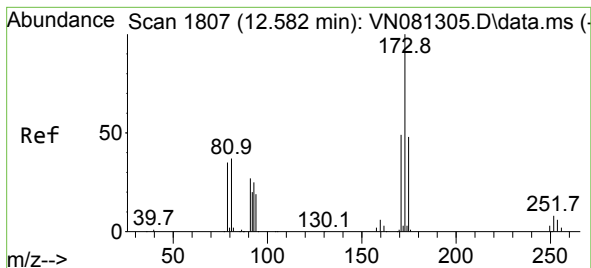
Tgt Ion:106 Resp: 386492  
Ion Ratio Lower Upper  
106 100  
91 219.1 112.1 336.3



#70  
Styrene  
Concen: 53.182 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:104 Resp: 639194  
Ion Ratio Lower Upper  
104 100  
78 53.2 43.8 65.8  
103 57.2 44.2 66.2





#71

Bromoform

Concen: 50.362 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

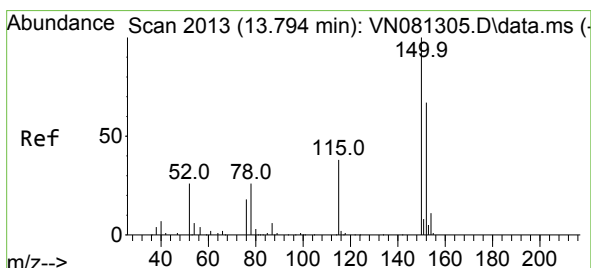
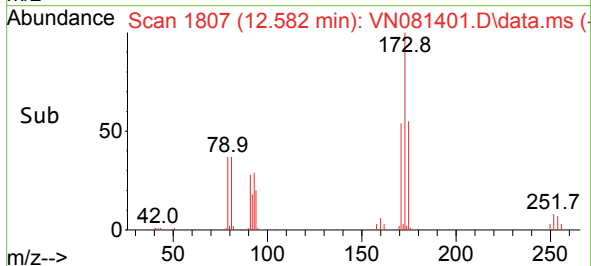
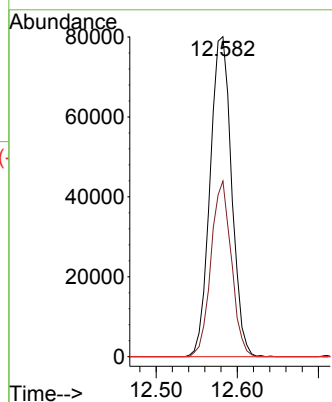
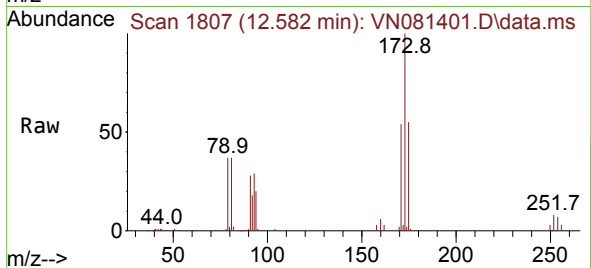
Tgt Ion:173 Resp: 147694

Ion Ratio Lower Upper

173 100

175 51.8 23.1 69.2

254 0.0 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: VN081401.D

Acq: 14 Mar 2024 11:22

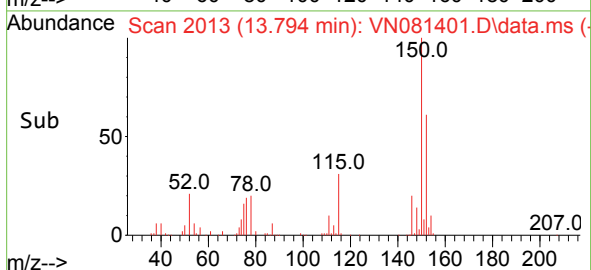
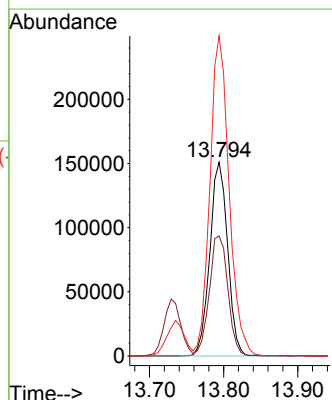
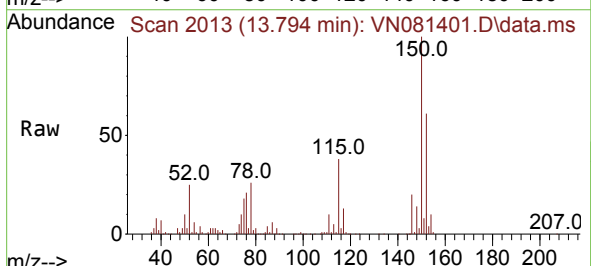
Tgt Ion:152 Resp: 252603

Ion Ratio Lower Upper

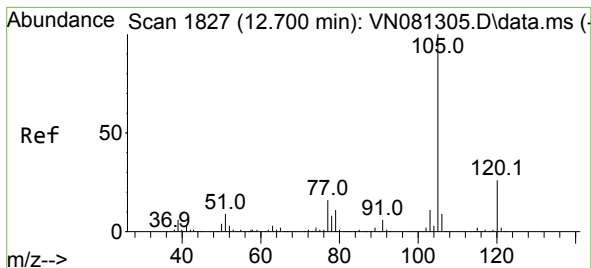
152 100

115 64.6 32.3 96.8

150 177.2 0.0 339.8







#73

Isopropylbenzene

Concen: 50.134 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

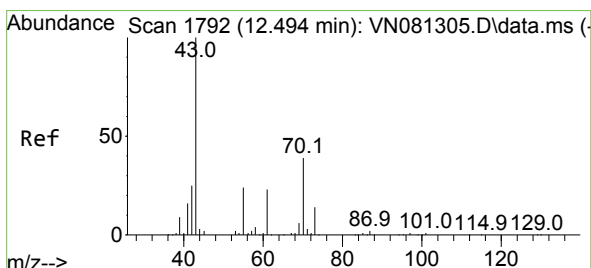
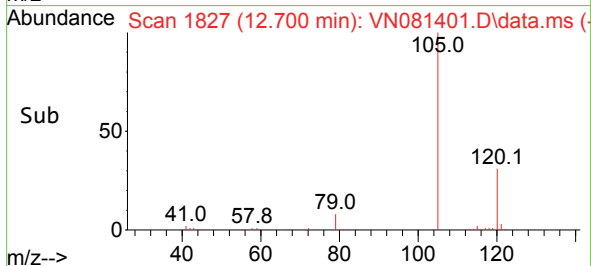
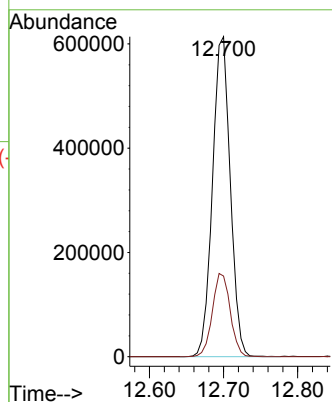
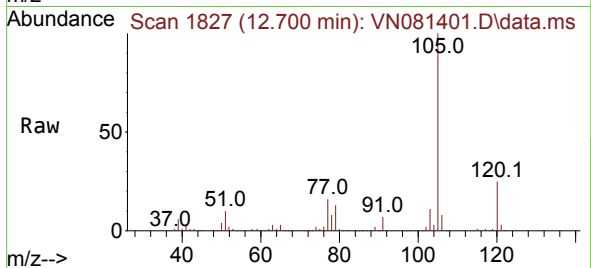
VSTDCCC050

Tgt Ion:105 Resp: 1022609

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#74

N-ethyl acetate

Concen: 49.281 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 421776

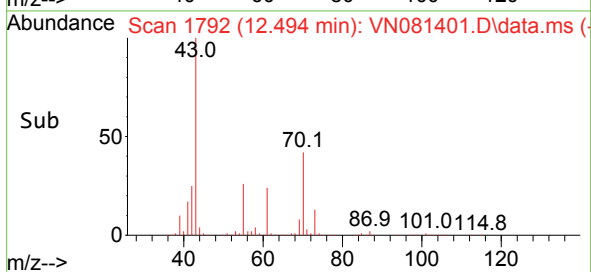
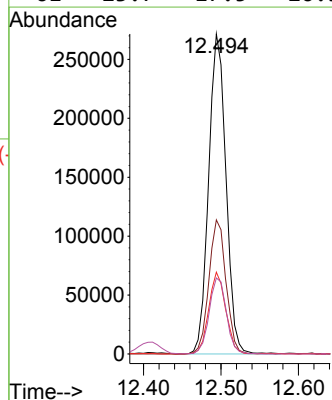
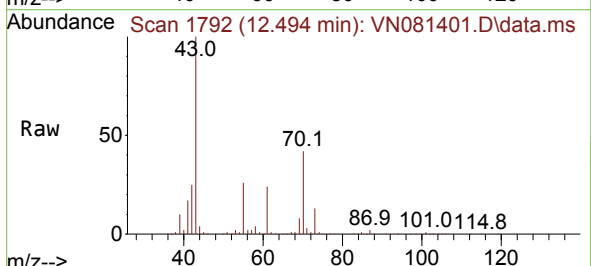
Ion Ratio Lower Upper

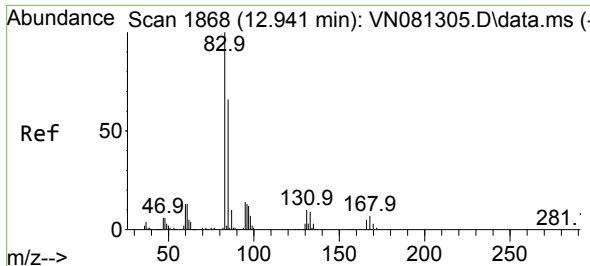
43 100

70 41.5 30.1 45.1

55 25.1 17.0 25.4

61 23.7 17.5 26.3

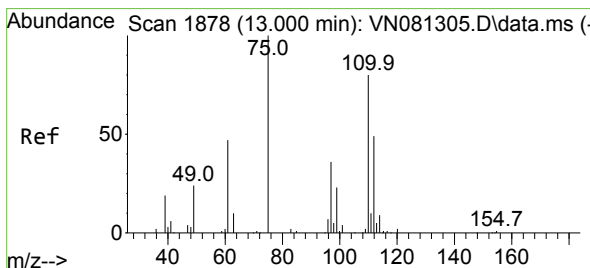
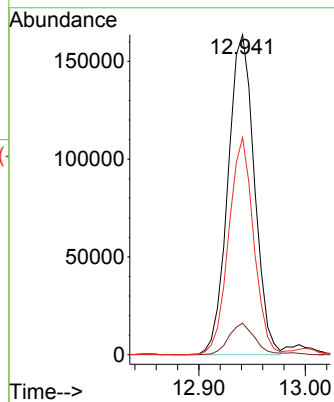
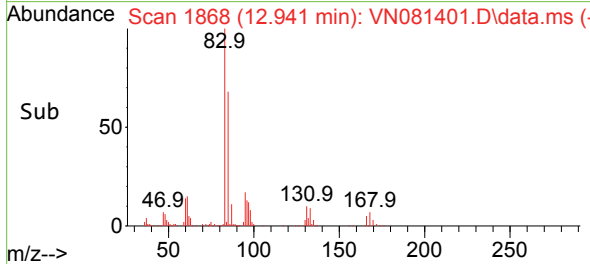
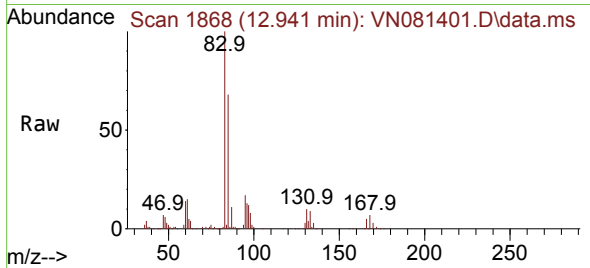




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.829 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

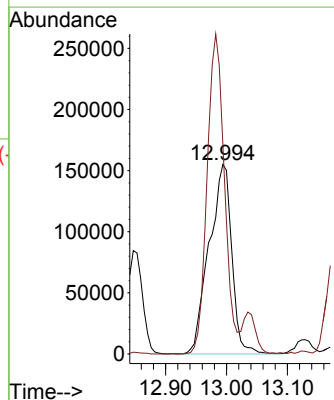
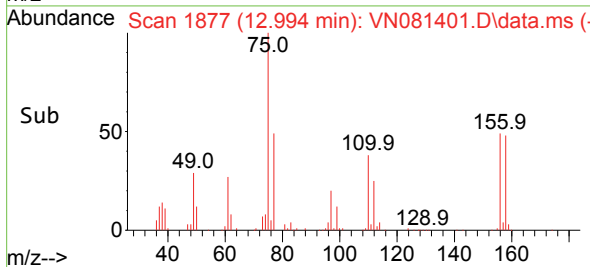
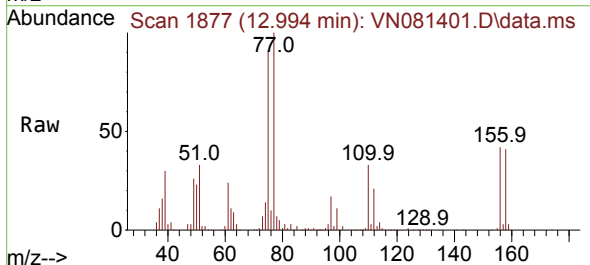
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

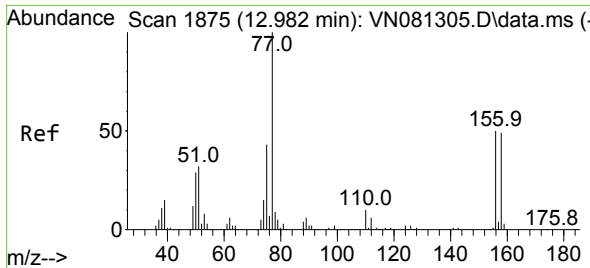
Tgt Ion: 83 Resp: 282193  
Ion Ratio Lower Upper  
83 100  
131 9.9 4.1 12.3  
85 64.4 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 67.138 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 400571  
Ion Ratio Lower Upper  
75 100  
77 128.6 91.0 272.8

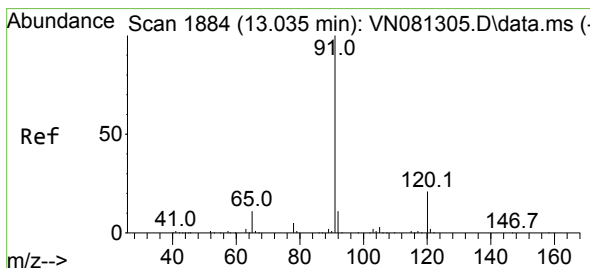
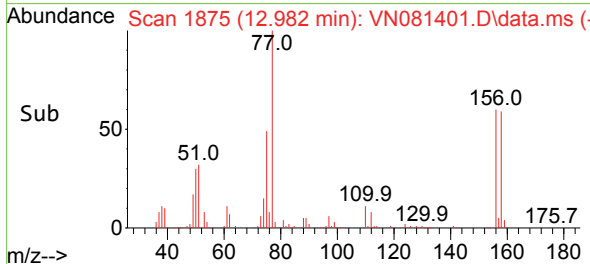
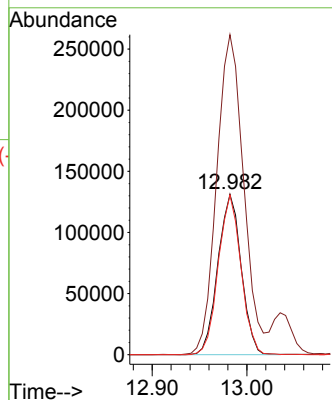
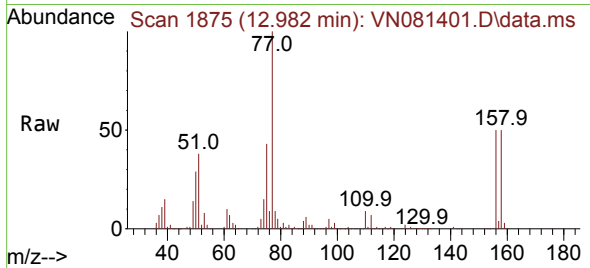




#77  
Bromobenzene  
Concen: 46.441 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

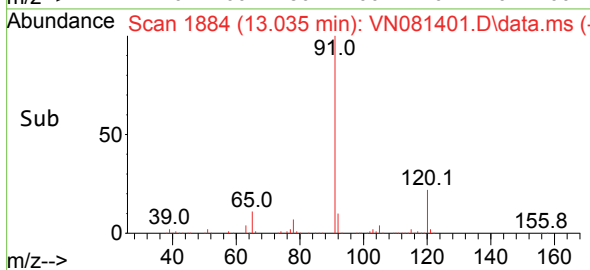
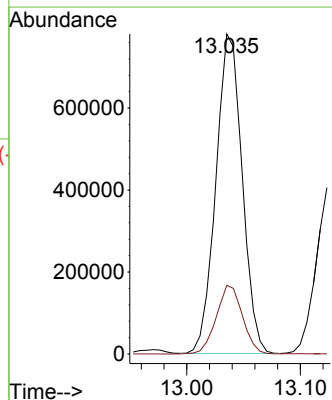
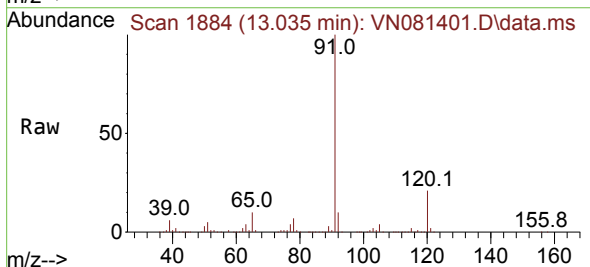
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

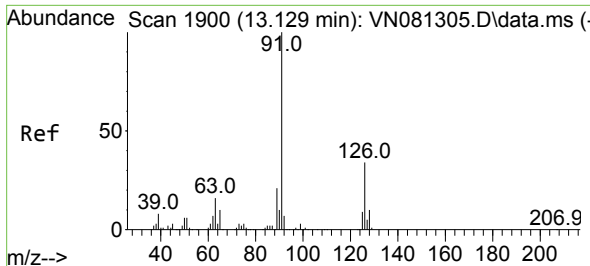
Tgt Ion:156 Resp: 224599  
Ion Ratio Lower Upper  
156 100  
77 229.4 138.1 414.3  
158 96.9 46.5 139.5



#78  
n-propylbenzene  
Concen: 52.077 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 91 Resp: 1256399  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.3 30.9

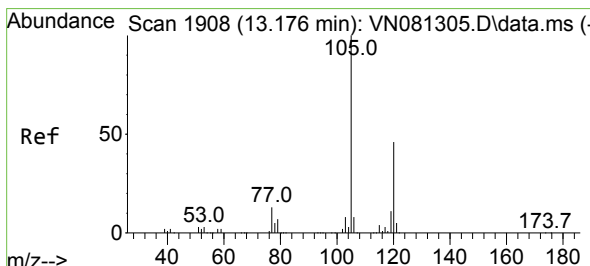
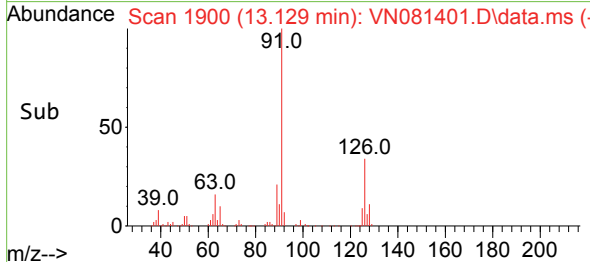
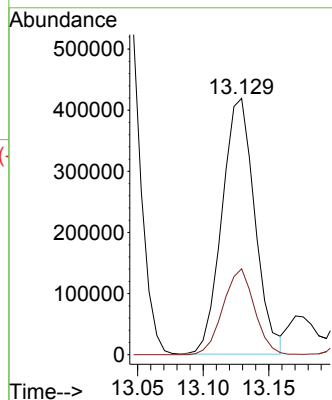
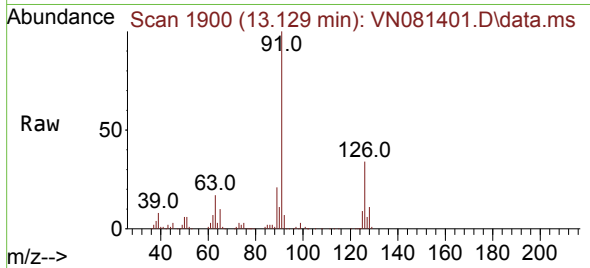




#79  
2-Chlorotoluene  
Concen: 49.494 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

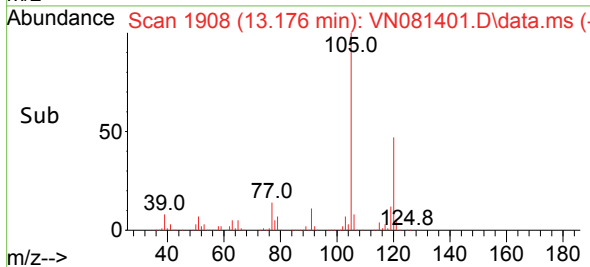
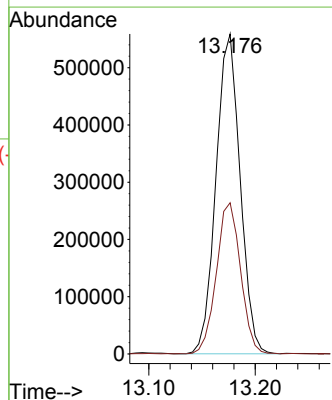
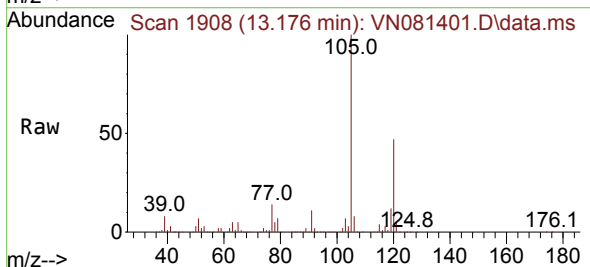
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

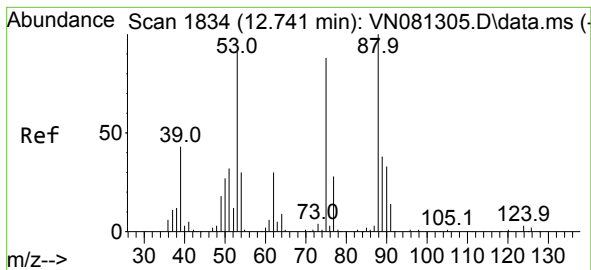
Tgt Ion: 91 Resp: 729884  
Ion Ratio Lower Upper  
91 100  
126 32.1 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 52.069 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 105 Resp: 877959  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.0 69.0

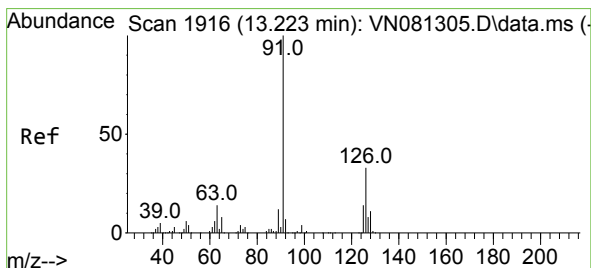
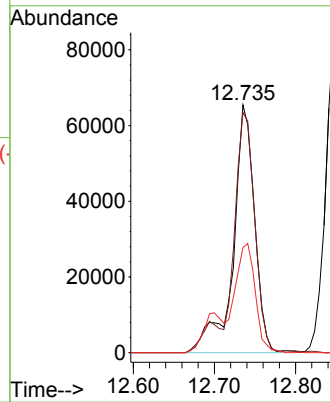
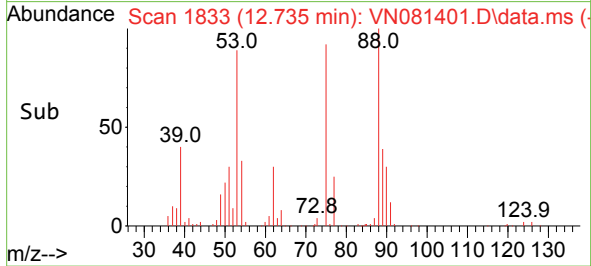
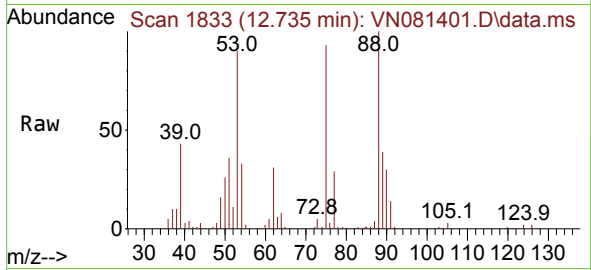




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.140 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

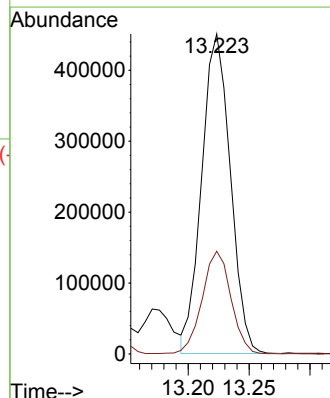
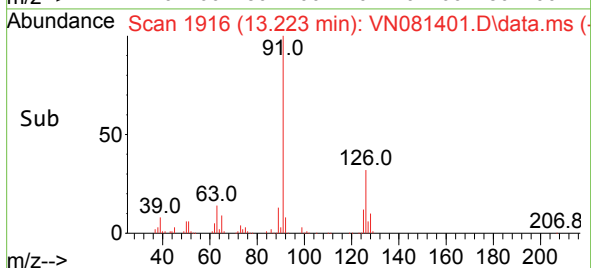
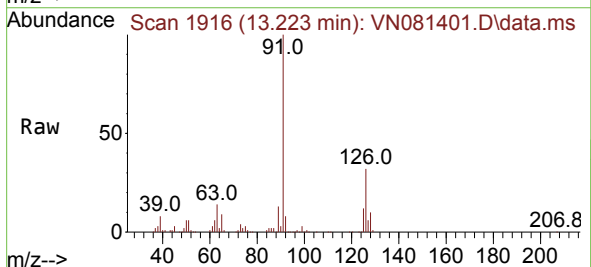
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

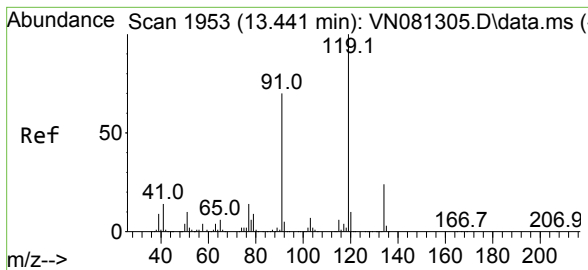
Tgt Ion: 75 Resp: 120020  
Ion Ratio Lower Upper  
75 100  
53 87.4 71.4 107.2  
89 41.9 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 50.651 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 91 Resp: 737780  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.3 45.9

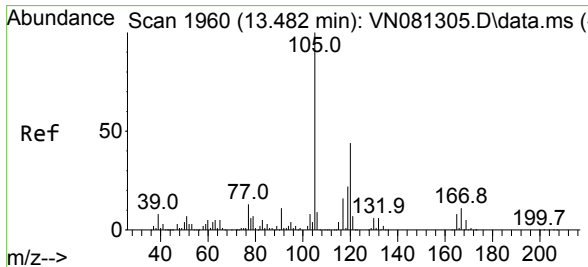
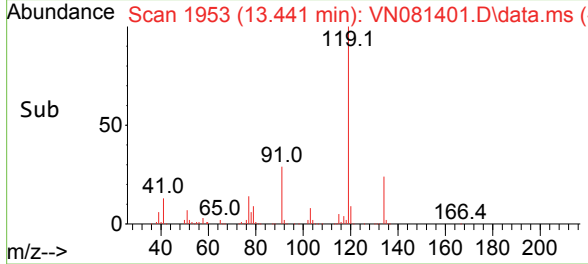
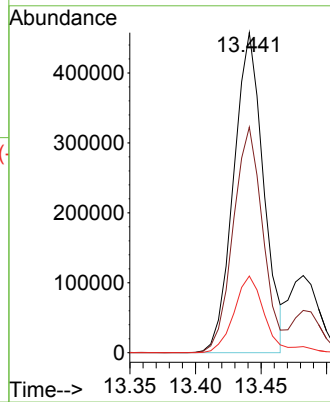
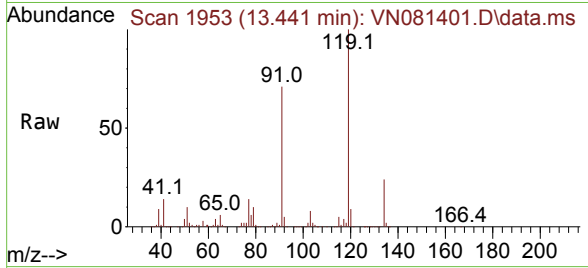




#83  
tert-Butylbenzene  
Concen: 50.268 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

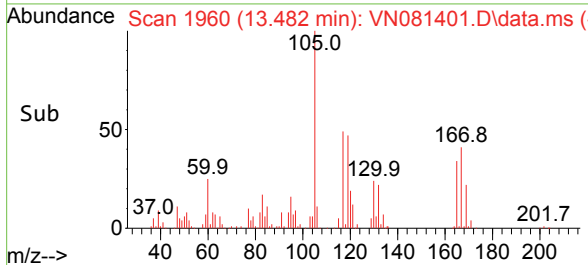
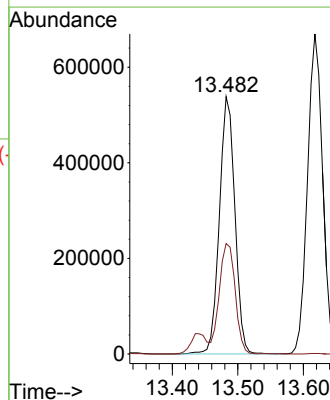
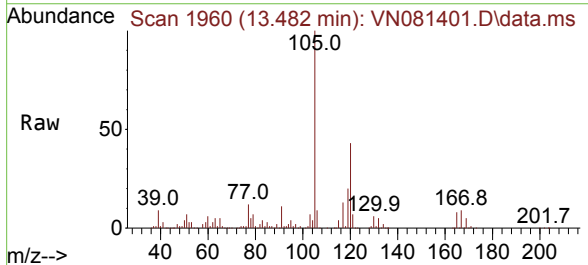
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

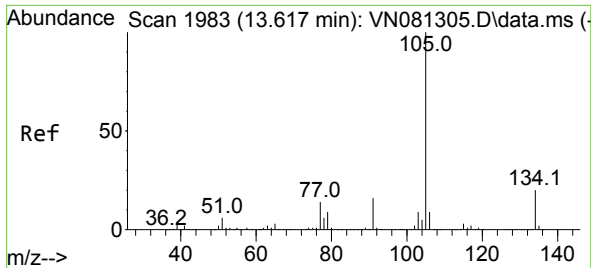
Tgt Ion:119 Resp: 726646  
Ion Ratio Lower Upper  
119 100  
91 71.3 36.8 110.4  
134 25.1 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 51.532 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion:105 Resp: 880337  
Ion Ratio Lower Upper  
105 100  
120 43.7 20.9 62.7

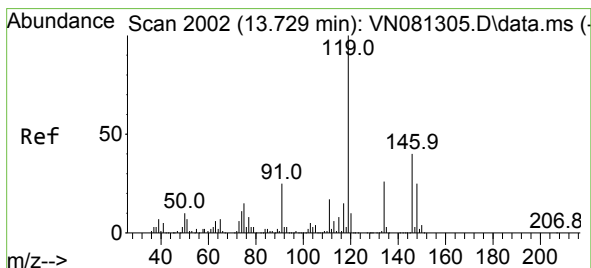
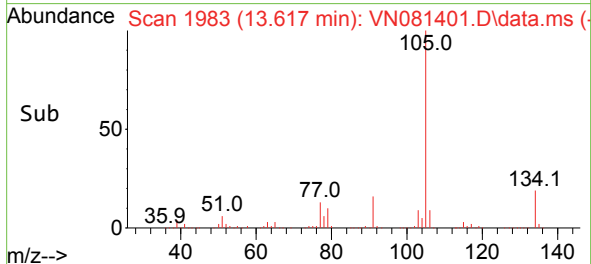
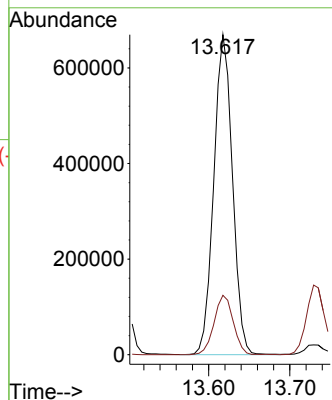
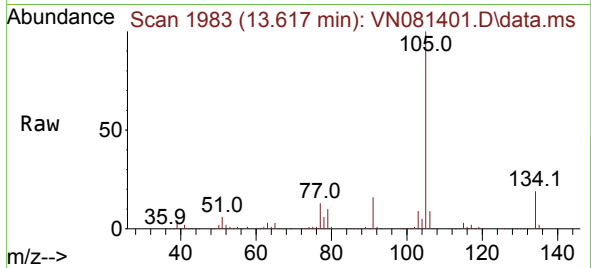




#85  
 sec-Butylbenzene  
 Concen: 51.239 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

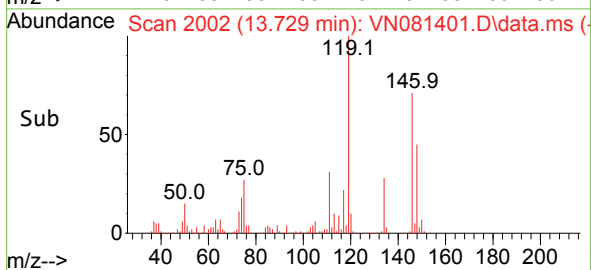
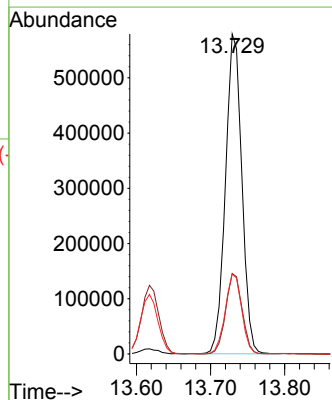
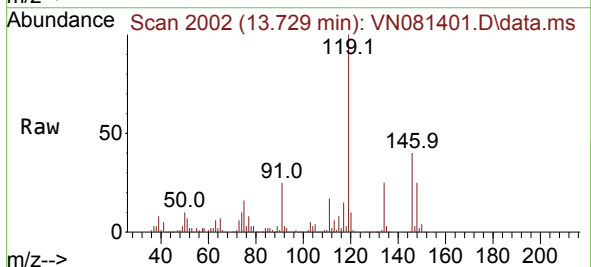
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

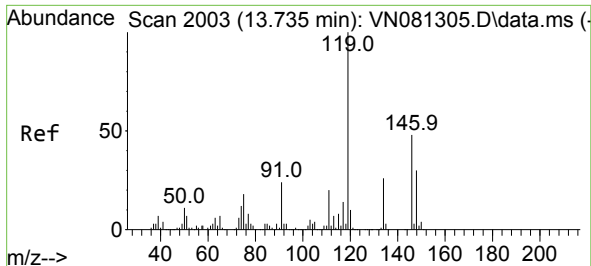
Tgt Ion:105 Resp: 1071550  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 8.6 25.8



#86  
 p-Isopropyltoluene  
 Concen: 52.991 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion:119 Resp: 888708  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.4 37.2  
 91 25.0 13.5 40.4

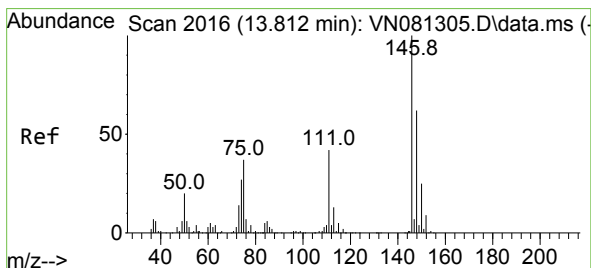
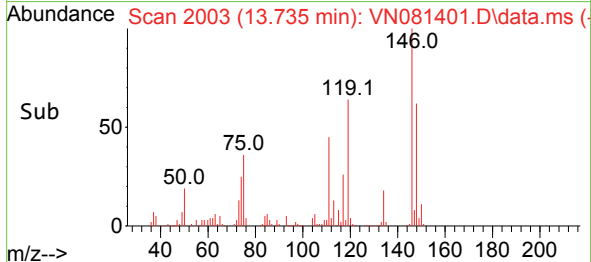
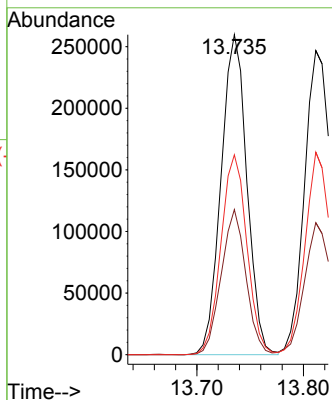
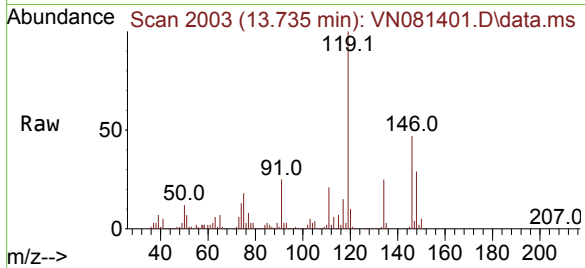




#87  
 1,3-Dichlorobenzene  
 Concen: 47.996 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

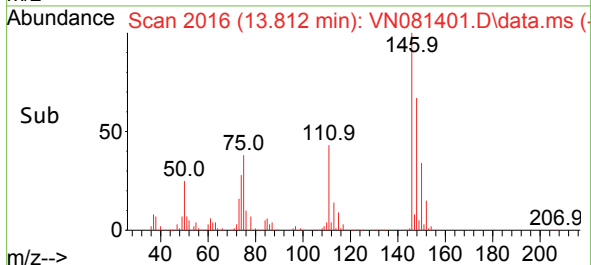
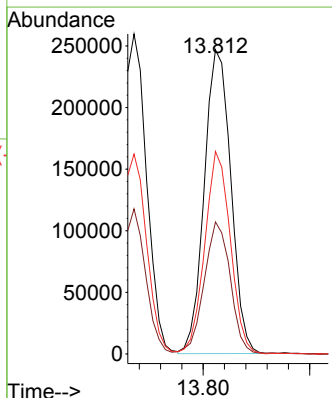
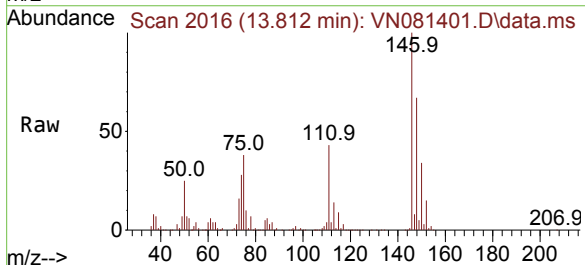
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:146 Resp: 438301  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 23.9 71.7  
 148 62.7 32.6 97.7

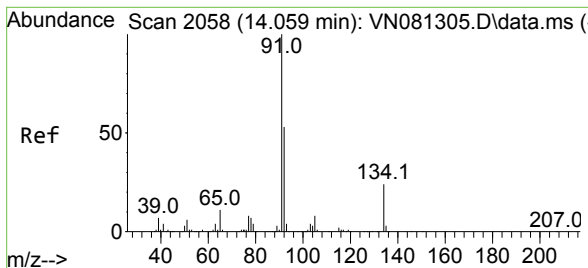


#88  
 1,4-Dichlorobenzene  
 Concen: 46.863 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081401.D  
 Acq: 14 Mar 2024 11:22

Tgt Ion:146 Resp: 427742  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 22.6 67.7  
 148 63.9 31.9 95.5







#89

n-Butylbenzene

Concen: 51.736 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

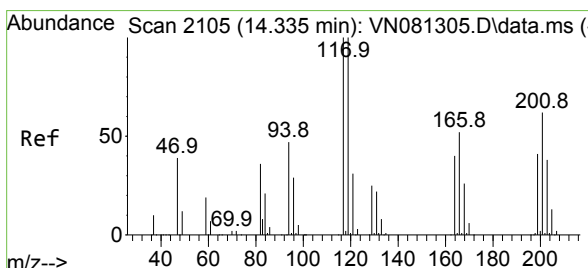
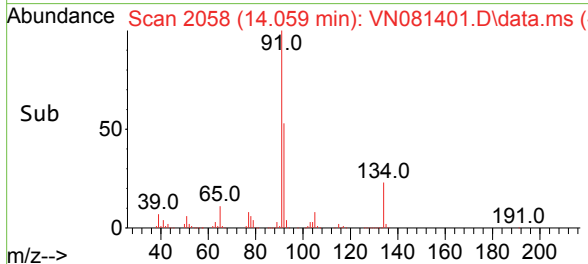
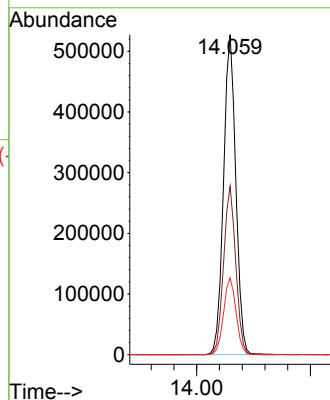
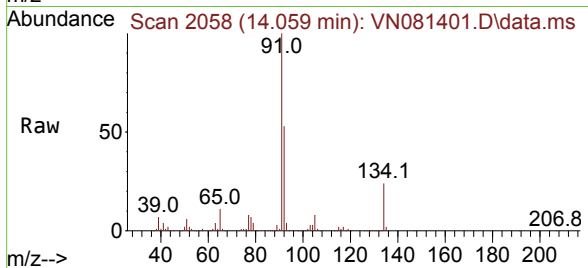
Tgt Ion: 91 Resp: 795699

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 24.4 10.8 32.4



#90

Hexachloroethane

Concen: 52.429 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081401.D

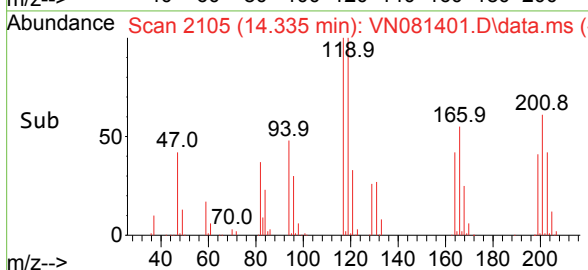
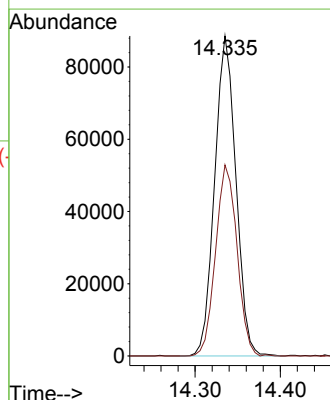
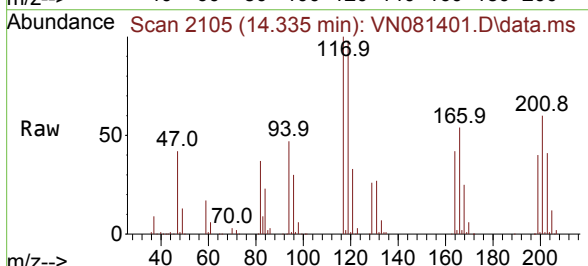
Acq: 14 Mar 2024 11:22

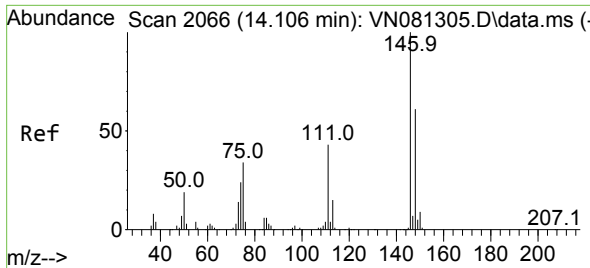
Tgt Ion: 117 Resp: 153942

Ion Ratio Lower Upper

117 100

201 60.1 30.0 90.0

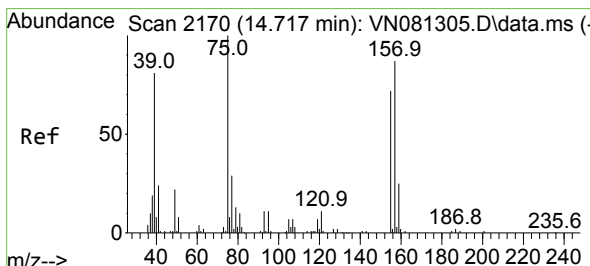
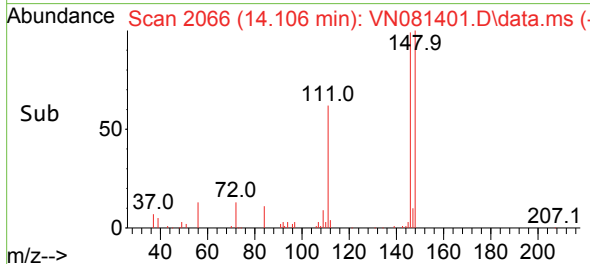
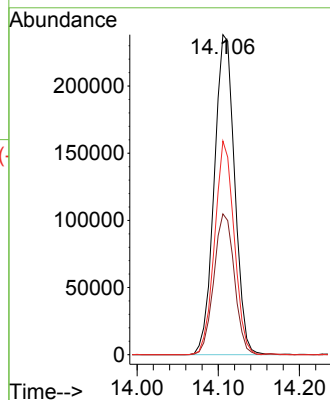
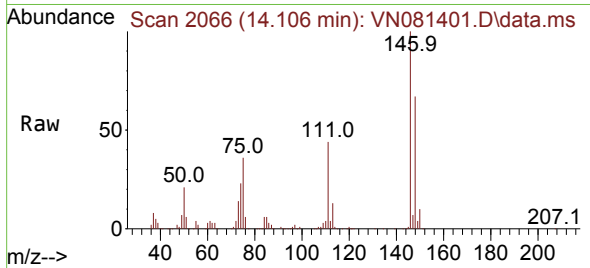




#91  
1,2-Dichlorobenzene  
Concen: 47.533 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

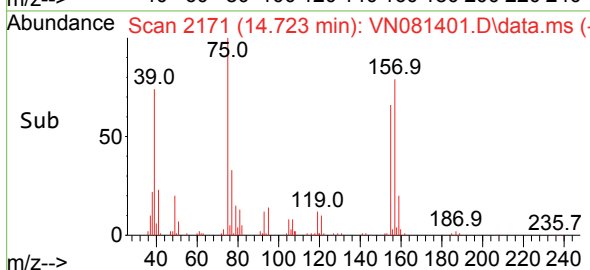
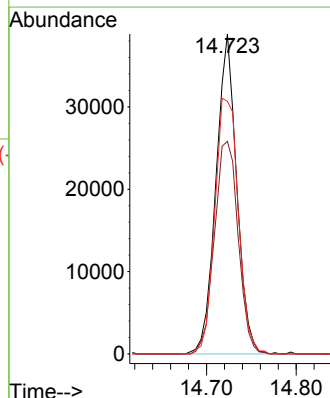
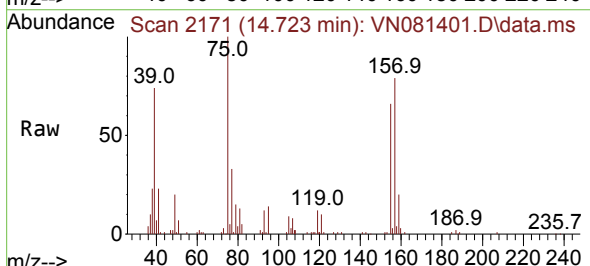
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

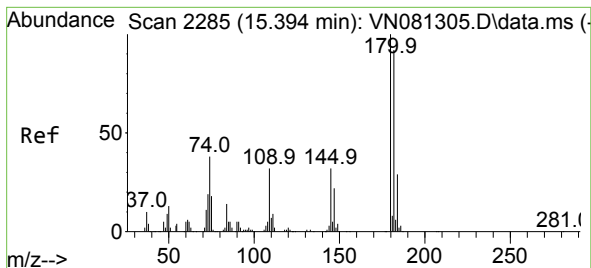
Tgt Ion:146 Resp: 416466  
Ion Ratio Lower Upper  
146 100  
111 44.2 23.9 71.8  
148 63.9 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.211 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN081401.D  
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 62249  
Ion Ratio Lower Upper  
75 100  
155 76.0 31.8 95.4  
157 91.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 49.636 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

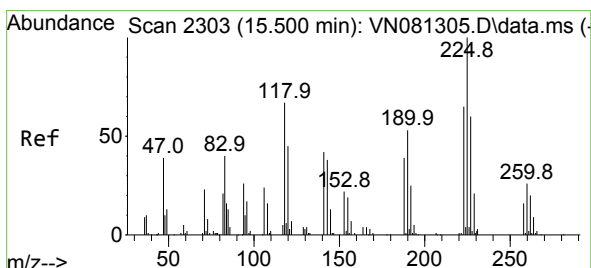
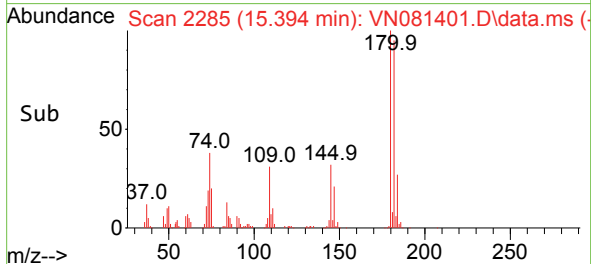
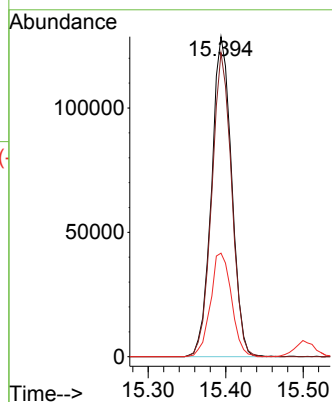
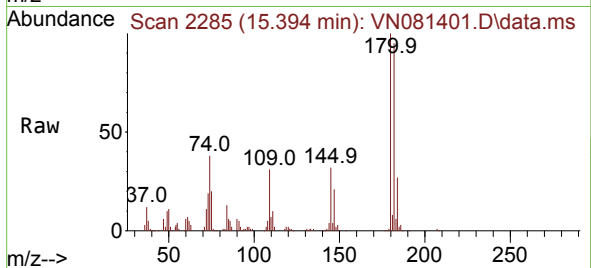
Tgt Ion:180 Resp: 232458

Ion Ratio Lower Upper

180 100

182 93.6 46.6 139.7

145 33.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 45.741 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

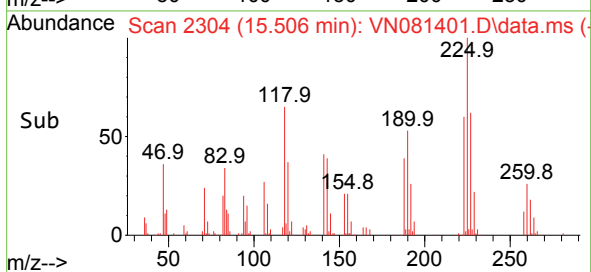
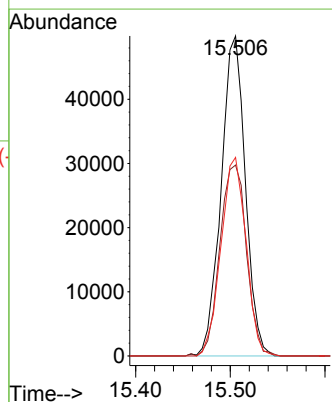
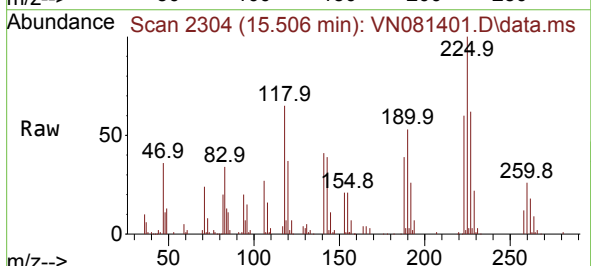
Tgt Ion:225 Resp: 88517

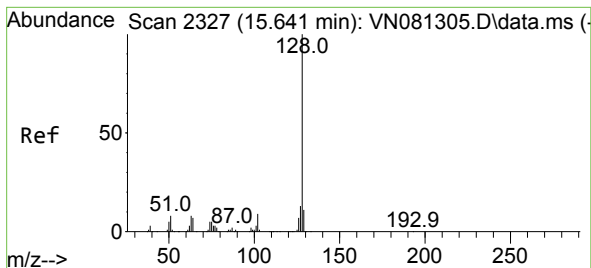
Ion Ratio Lower Upper

225 100

223 65.7 33.3 99.8

227 64.2 33.1 99.2





#95

Naphthalene

Concen: 49.053 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

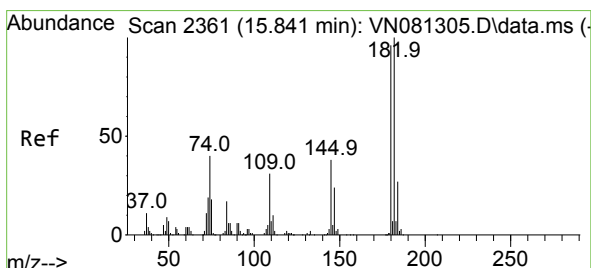
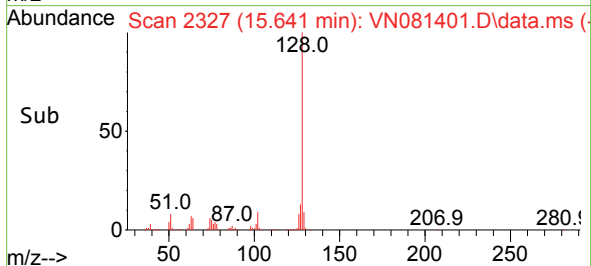
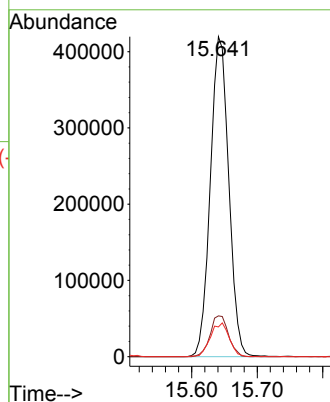
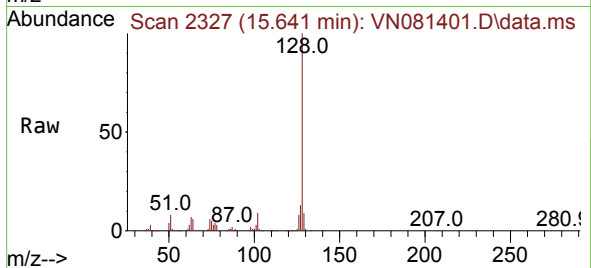
Tgt Ion:128 Resp: 817452

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.728 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081401.D

Acq: 14 Mar 2024 11:22

Tgt Ion:180 Resp: 231427

Ion Ratio Lower Upper

180 100

182 94.5 46.5 139.3

145 36.3 17.8 53.4

