

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011224\  
 Data File : VN080683.D  
 Acq On : 12 Jan 2024 12:13  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 12 22:09:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 167344   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 339821   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 284324   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 109668   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 139232   | 47.378   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 94.760%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 99750    | 51.663   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 103.320% |
| 50) Toluene-d8              | 10.565 | 98    | 406072   | 55.156   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 110.320% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 144428   | 51.157   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 102.320% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 128038  | 47.095  | ug/l   | 97  |
| 3) Chloromethane             | 2.359 | 50  | 172942  | 56.271  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 132762  | 53.823  | ug/l   | 98  |
| 5) Bromomethane              | 2.947 | 94  | 48041   | 51.241  | ug/l   | 95  |
| 6) Chloroethane              | 3.118 | 64  | 70313   | 53.180  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 185053  | 45.429  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.953 | 74  | 90078   | 50.600  | ug/l   | 63  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 110179  | 49.626  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.583 | 142 | 96026   | 51.724  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 5.506 | 59  | 108809  | 218.934 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 117865  | 47.175  | ug/l   | 82  |
| 13) Acrolein                 | 4.171 | 56  | 96591   | 232.602 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 229578  | 46.354  | ug/l # | 92  |
| 15) Acrylonitrile            | 5.712 | 53  | 321410  | 247.653 | ug/l   | 100 |
| 16) Acetone                  | 4.418 | 43  | 187810  | 194.661 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 372619  | 48.761  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.012 | 43  | 145195  | 50.538  | ug/l # | 81  |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 419564  | 48.734  | ug/l # | 89  |
| 20) Methylene Chloride       | 5.271 | 84  | 134794  | 47.858  | ug/l # | 81  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 130378  | 51.447  | ug/l # | 77  |
| 22) Diisopropyl ether        | 6.671 | 45  | 500001  | 53.537  | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1947108 | 256.151 | ug/l # | 83  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 265701  | 51.972  | ug/l   | 97  |
| 25) 2-Butanone               | 7.482 | 43  | 391609  | 224.551 | ug/l # | 80  |
| 26) 2,2-Dichloropropane      | 7.482 | 77  | 220515  | 49.320  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 145544  | 52.097  | ug/l   | 75  |
| 28) Bromochloromethane       | 7.812 | 49  | 129472  | 54.172  | ug/l # | 61  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 289468  | 246.257 | ug/l # | 71  |
| 30) Chloroform               | 7.965 | 83  | 246190  | 51.368  | ug/l   | 92  |
| 31) Cyclohexane              | 8.253 | 56  | 225978  | 49.773  | ug/l # | 77  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 208037  | 48.763  | ug/l   | 92  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 190559  | 48.181  | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.559 | 43  | 176419  | 46.000  | ug/l # | 91  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 162294  | 45.702  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.600 | 83  | 194267  | 51.327  | ug/l # | 79  |
| 40) Benzene                  | 8.606 | 78  | 585379  | 52.649  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011224\  
 Data File : VN080683.D  
 Acq On : 12 Jan 2024 12:13  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 12 22:09:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 104682   | 47.056  | ug/l # | 81       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 191694   | 45.035  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 340876   | 48.353  | ug/l # | 89       |
| 44) Trichloroethene           | 9.353  | 130  | 124193   | 49.341  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 153386   | 52.036  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 90683    | 48.624  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.888  | 83   | 191160   | 46.181  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.676  | 41   | 158133   | 47.378  | ug/l # | 76       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 38046    | 914.843 | ug/l # | 71       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 901497   | 237.036 | ug/l   | 87       |
| 52) Toluene                   | 10.629 | 92   | 338485   | 53.135  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 229562   | 49.965  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 248744   | 51.053  | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 127221   | 51.885  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 223122   | 50.805  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 232970   | 52.045  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 560083   | 266.260 | ug/l # | 85       |
| 59) 2-Hexanone                | 11.194 | 43   | 658717   | 234.621 | ug/l   | 85       |
| 60) Dibromochloromethane      | 11.359 | 129  | 123096   | 48.848  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 122241   | 50.716  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 97742    | 50.058  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 327893   | 52.785  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 111364   | 50.494  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 625255   | 52.712  | ug/l   | 92       |
| 68) m/p-Xylenes               | 12.070 | 106  | 447278   | 107.256 | ug/l   | 90       |
| 69) o-Xylene                  | 12.400 | 106  | 222713   | 54.621  | ug/l   | 91       |
| 70) Styrene                   | 12.412 | 104  | 367553   | 53.085  | ug/l   | 94       |
| 71) Bromoform                 | 12.582 | 173  | 75425    | 49.709  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 544955   | 52.256  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 305424   | 48.802  | ug/l # | 83       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 169596   | 49.576  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 233753   | 69.123  | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 111262   | 50.231  | ug/l   | 75       |
| 78) n-propylbenzene           | 13.035 | 91   | 666948   | 52.134  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 404577   | 49.347  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 436323   | 50.203  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 76531    | 53.350  | ug/l # | 67       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 404718   | 50.354  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 346618   | 49.887  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 437994   | 51.251  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 514163   | 52.083  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 395753   | 50.759  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 196156   | 49.581  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 204384   | 50.710  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 398364   | 53.008  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.335 | 117  | 71659    | 49.559  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 194301   | 52.118  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 33193    | 42.336  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 96798    | 49.855  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 40943    | 43.940  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 363046   | 47.511  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 91225    | 48.540  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011224\  
Data File : VN080683.D  
Acq On : 12 Jan 2024 12:13  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

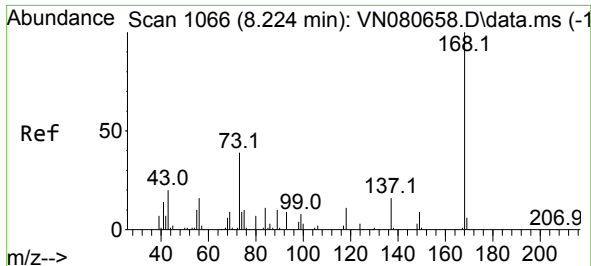
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jan 12 22:09:18 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 06:34:36 2024  
Response via : Initial Calibration

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

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

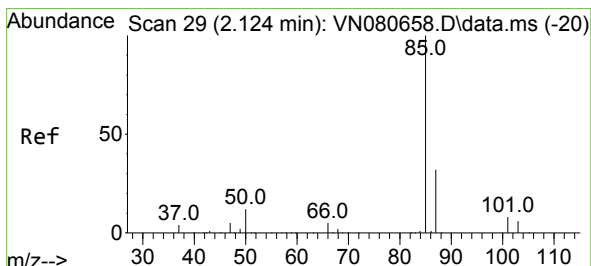
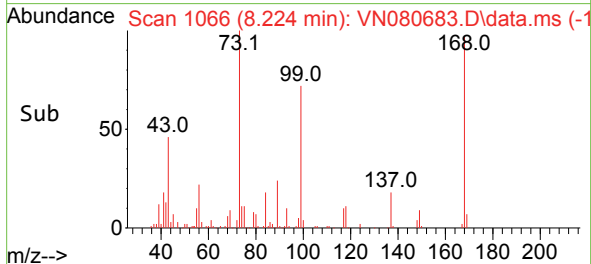
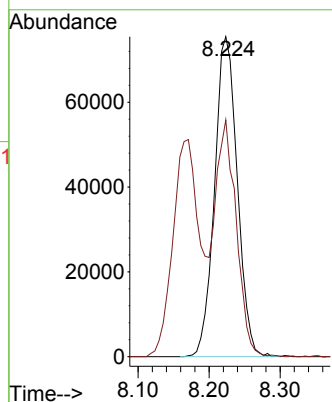
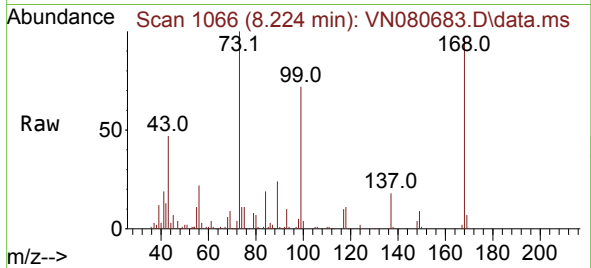




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

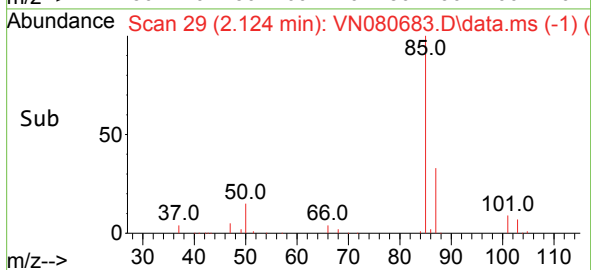
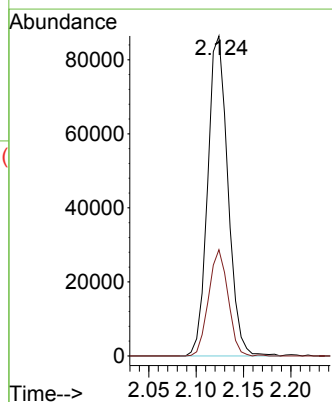
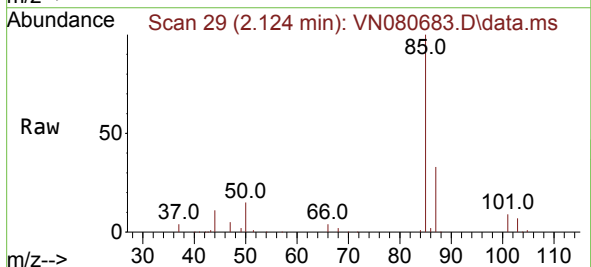
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MSVOA\_N  
ClientSampleId :

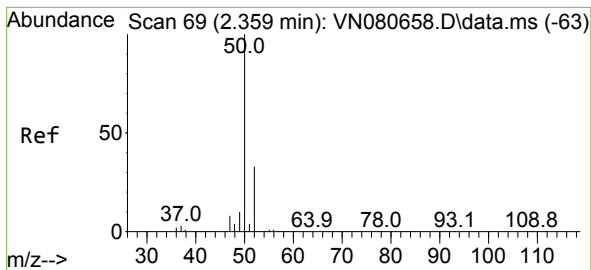
Tgt Ion:168 Resp: 167344  
Ion Ratio Lower Upper  
168 100  
99 73.8 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 47.095 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 85 Resp: 128038  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.8 47.4





#3

Chloromethane

Concen: 56.271 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

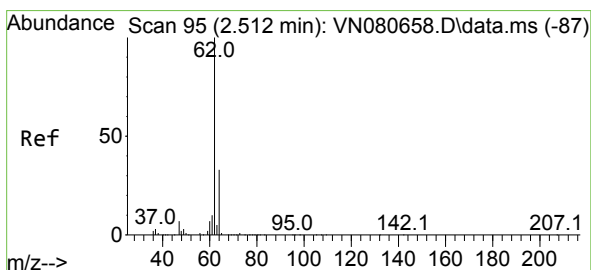
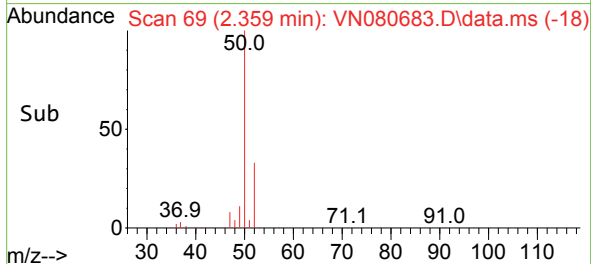
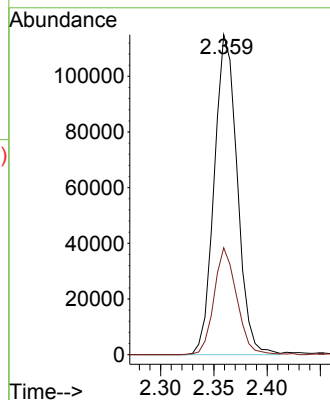
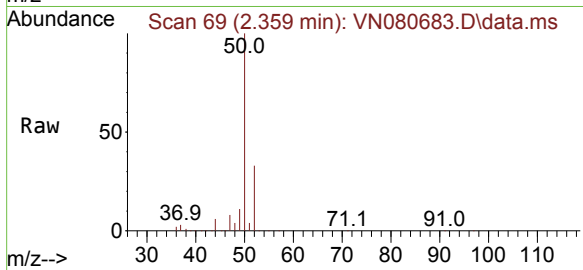
ClientSampleId :

Tgt Ion: 50 Resp: 172942

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 53.823 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080683.D

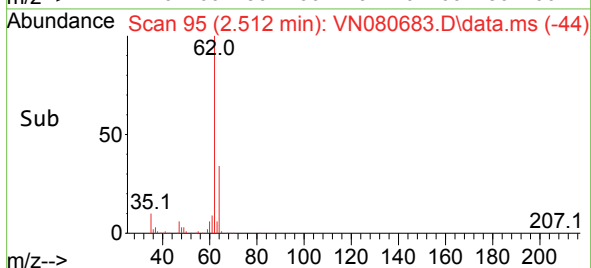
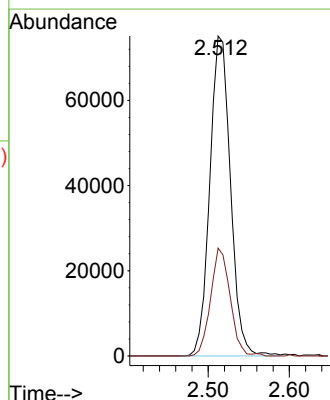
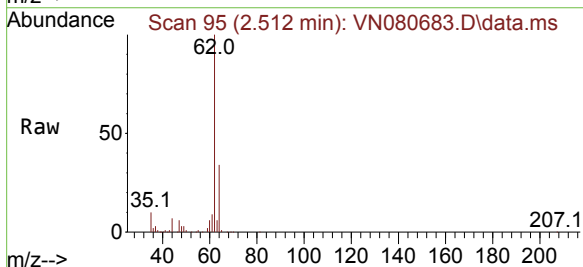
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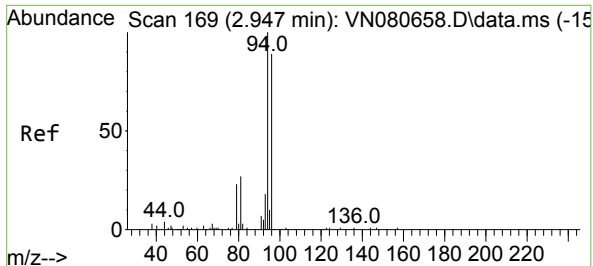
Tgt Ion: 62 Resp: 132762

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.2

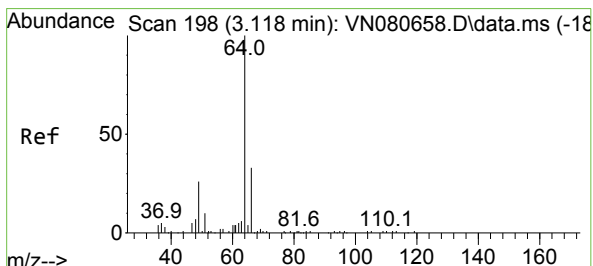
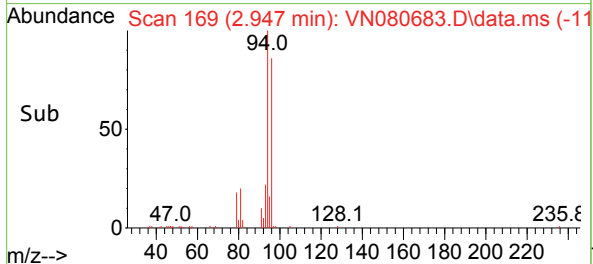
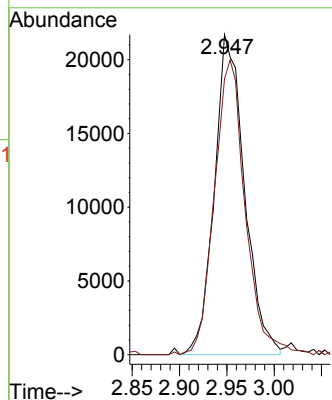
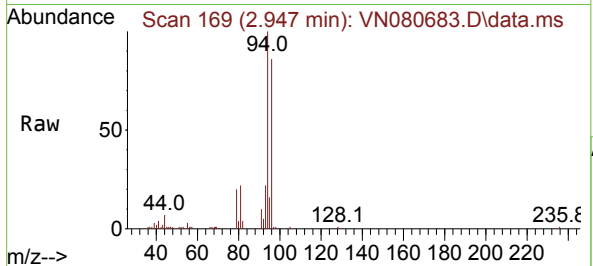




#5  
Bromomethane  
Concen: 51.241 ug/l  
RT: 2.947 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

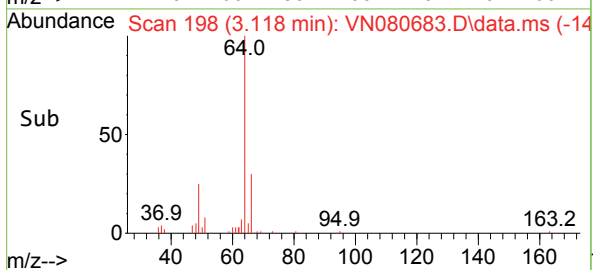
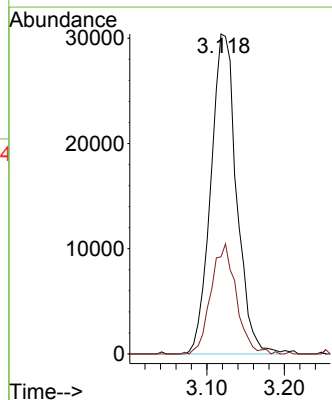
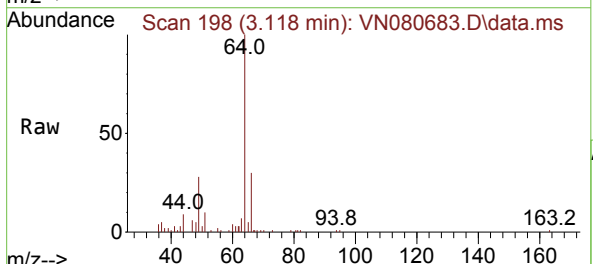
Instrument :  
MSVOA\_N  
ClientSampleId :

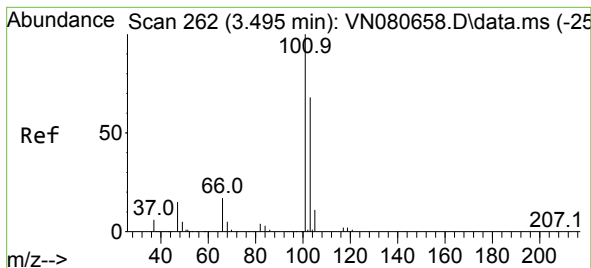
Tgt Ion: 94 Resp: 48041  
Ion Ratio Lower Upper  
94 100  
96 86.2 73.1 109.7



#6  
Chloroethane  
Concen: 53.180 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 64 Resp: 70313  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.4 38.2

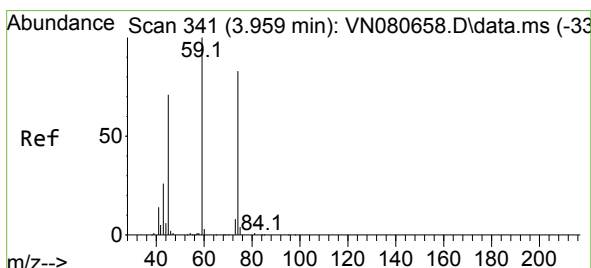
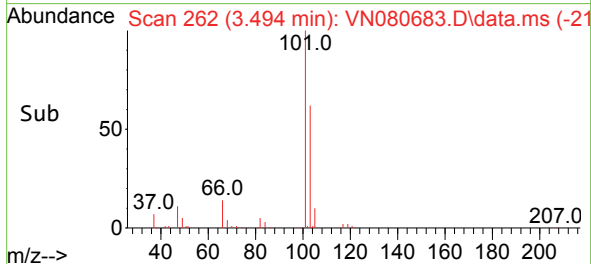
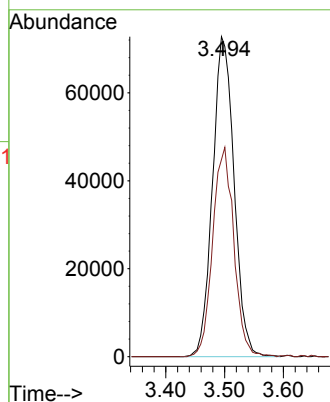
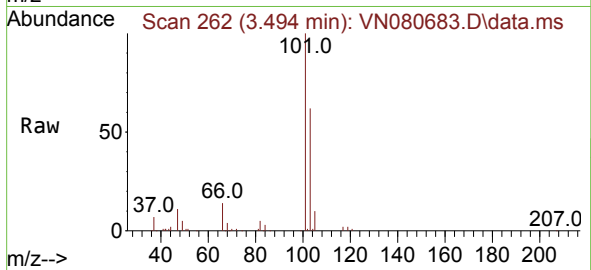




#7  
Trichlorofluoromethane  
Concen: 45.429 ug/l  
RT: 3.494 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

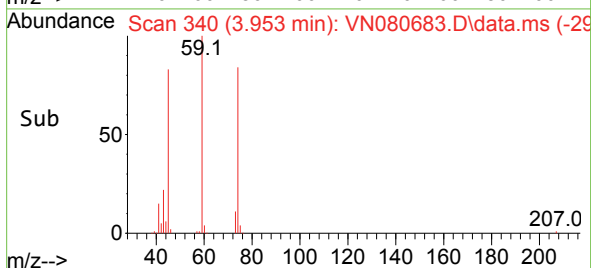
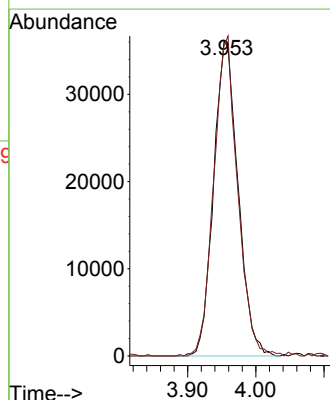
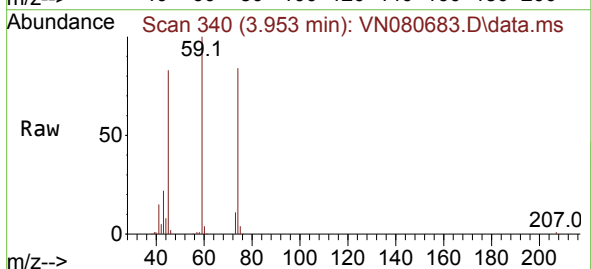
Instrument :  
MSVOA\_N  
ClientSampleId :

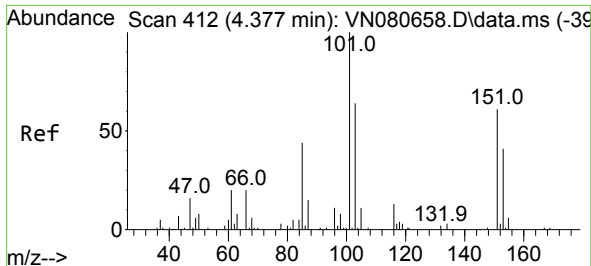
Tgt Ion:101 Resp: 185053  
Ion Ratio Lower Upper  
101 100  
103 61.6 50.7 76.1



#8  
Diethyl Ether  
Concen: 50.600 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

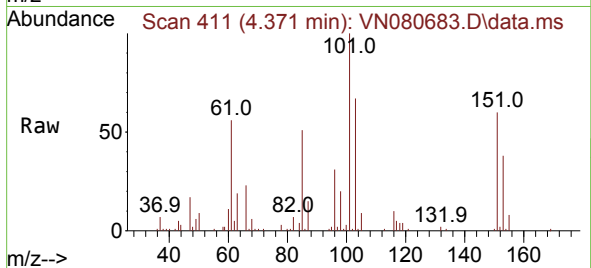
Tgt Ion: 74 Resp: 90078  
Ion Ratio Lower Upper  
74 100  
45 99.2 34.4 103.3



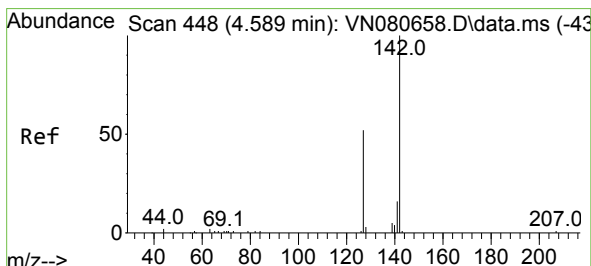
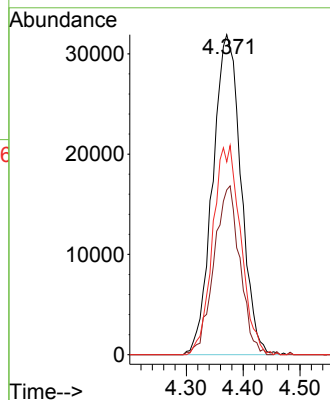
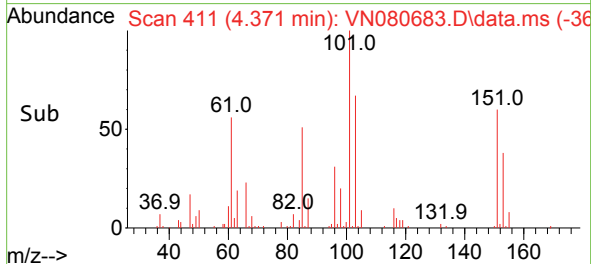


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.626 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

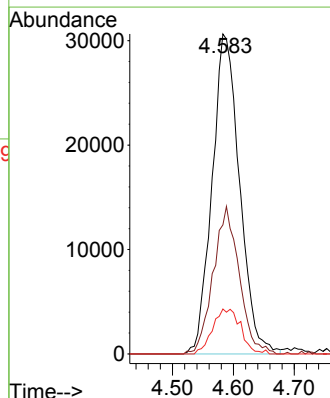
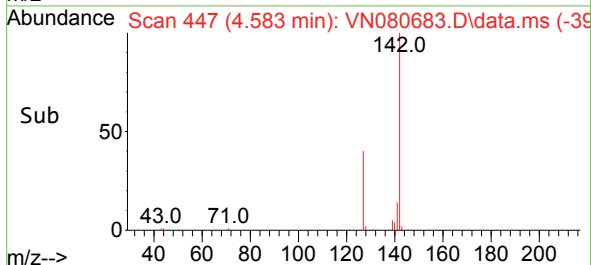
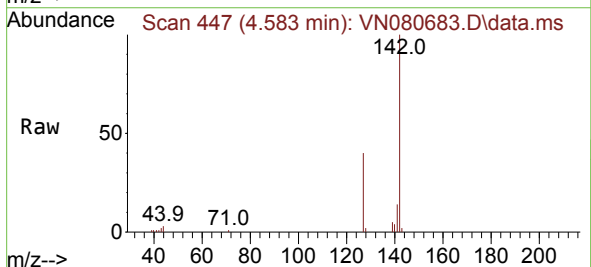


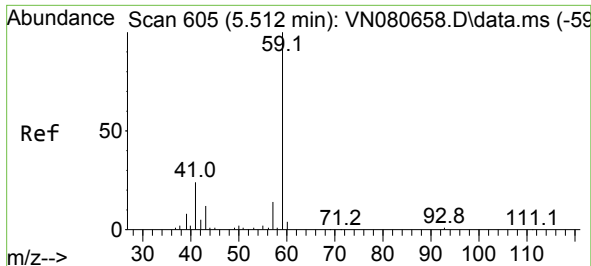
Tgt Ion:101 Resp: 110179  
Ion Ratio Lower Upper  
101 100  
85 48.7 36.6 55.0  
151 64.8 57.6 86.4



#10  
Methyl Iodide  
Concen: 51.724 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

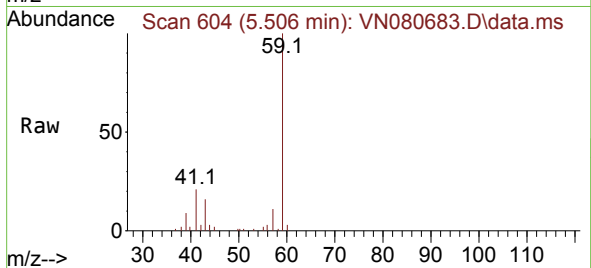
Tgt Ion:142 Resp: 96026  
Ion Ratio Lower Upper  
142 100  
127 40.4 37.6 56.4  
141 14.1 11.4 17.0



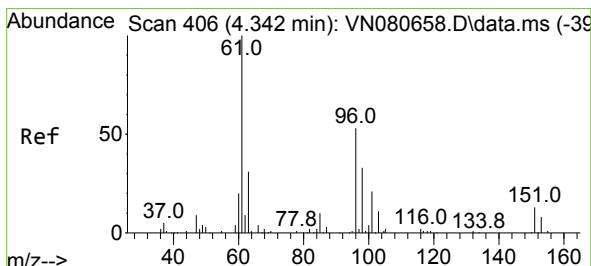
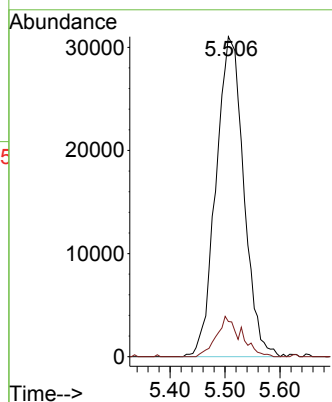
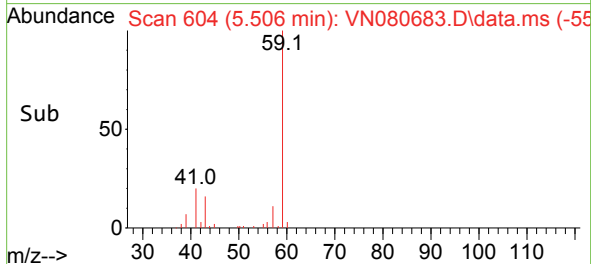


#11  
Tert butyl alcohol  
Concen: 218.934 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

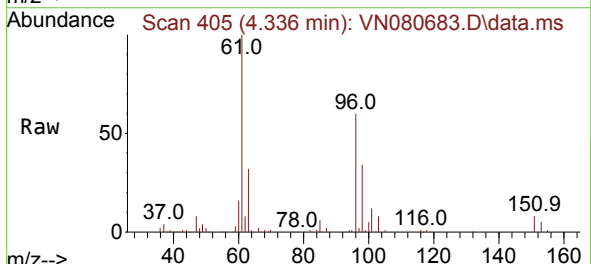
Instrument :  
MSVOA\_N  
ClientSampleId :



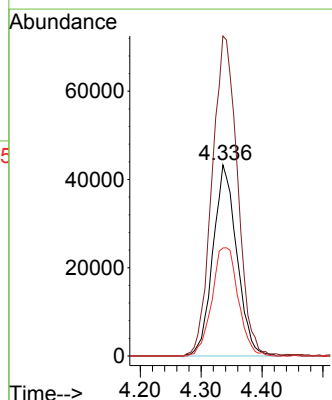
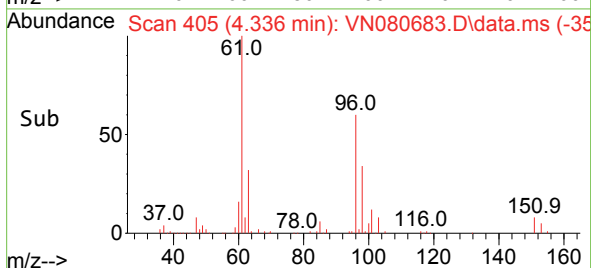
Tgt Ion: 59 Resp: 108809  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.2 12.4

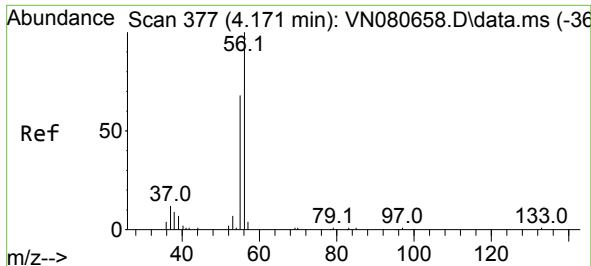


#12  
1,1-Dichloroethene  
Concen: 47.175 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13



Tgt Ion: 96 Resp: 117865  
Ion Ratio Lower Upper  
96 100  
61 167.5 112.7 169.1  
98 56.5 51.2 76.8





#13

Acrolein

Concen: 232.602 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

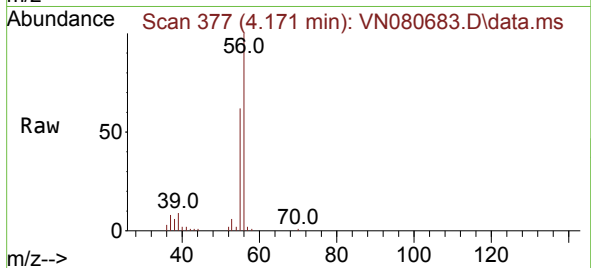
Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

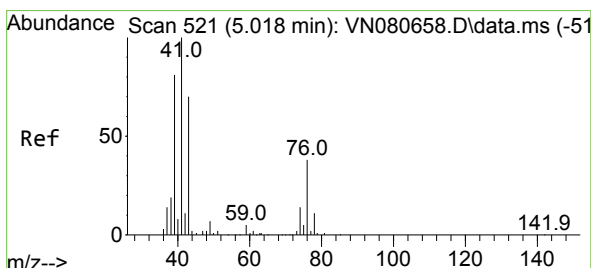
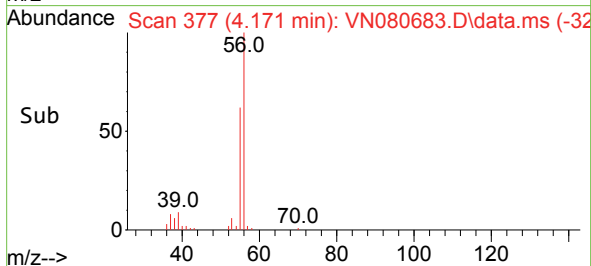
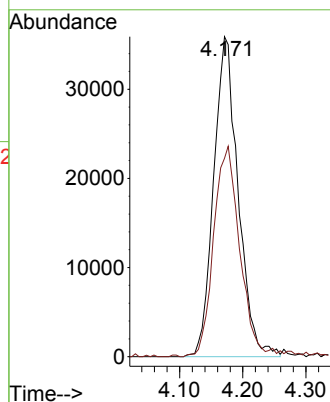


Tgt Ion: 56 Resp: 96591

Ion Ratio Lower Upper

56 100

55 70.3 54.5 81.7



#14

Allyl chloride

Concen: 46.354 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

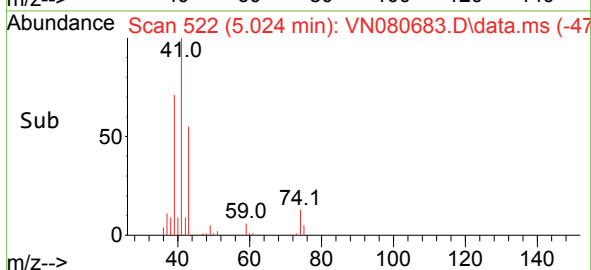
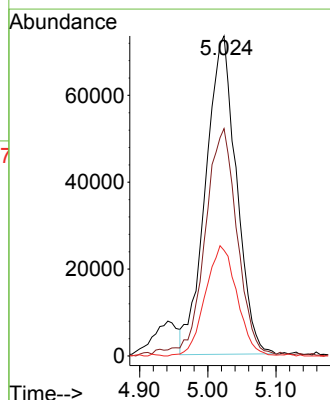
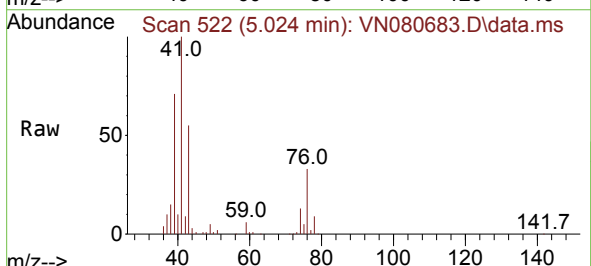
Tgt Ion: 41 Resp: 229578

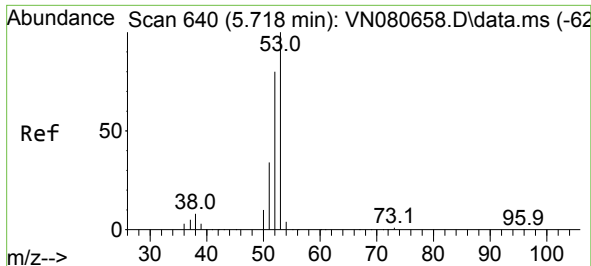
Ion Ratio Lower Upper

41 100

39 73.3 58.8 88.2

76 35.7 39.1 58.7#

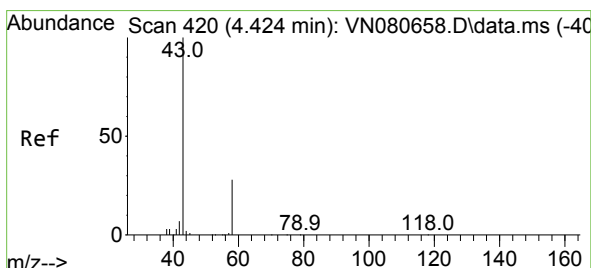
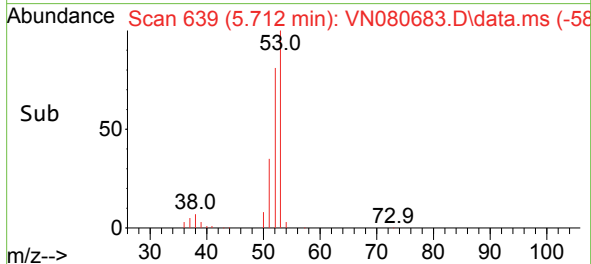
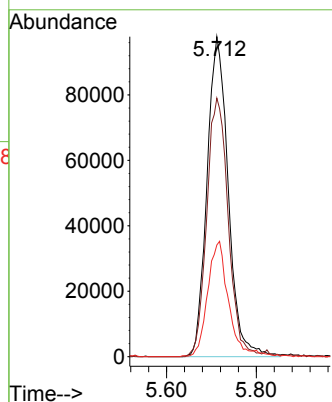
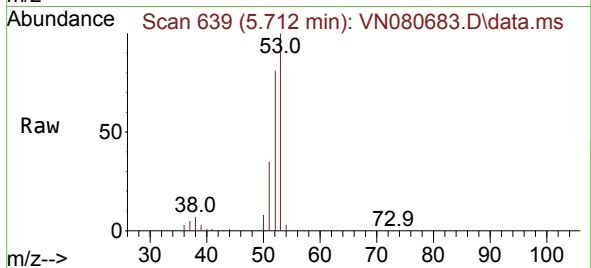




#15  
Acrylonitrile  
Concen: 247.653 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

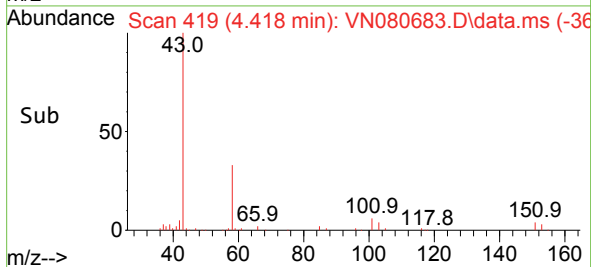
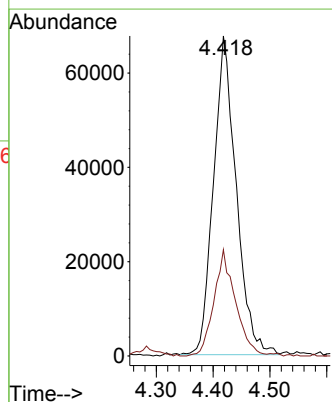
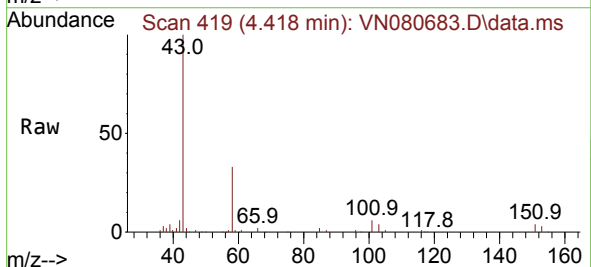
Instrument :  
MSVOA\_N  
ClientSampleId :

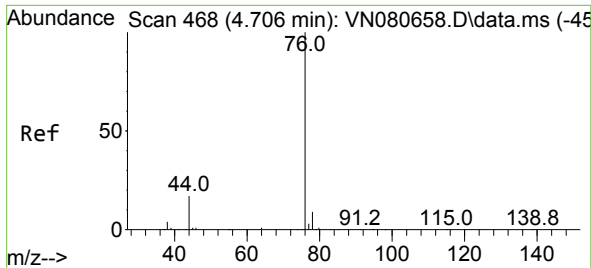
Tgt Ion: 53 Resp: 321410  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.3 97.9  
51 35.7 28.9 43.3



#16  
Acetone  
Concen: 194.661 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 43 Resp: 187810  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.0 42.0

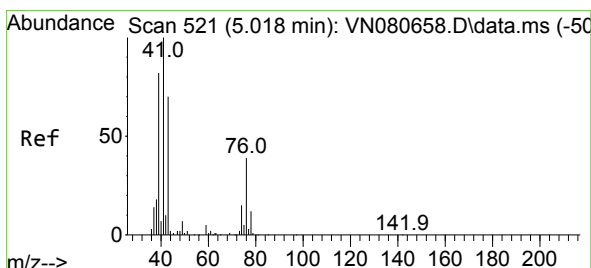
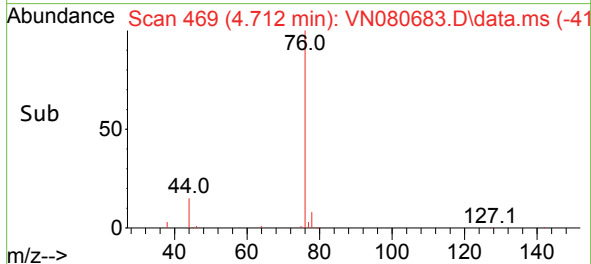
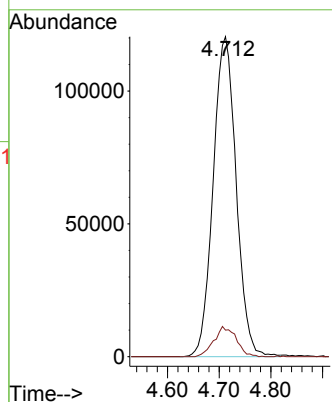
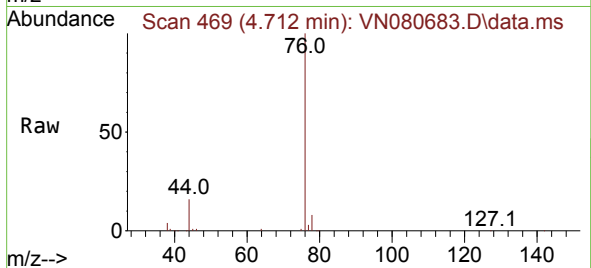




#17  
Carbon Disulfide  
Concen: 48.761 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

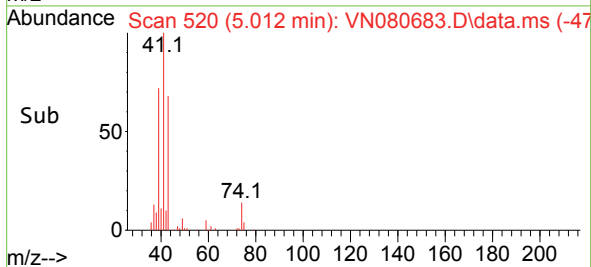
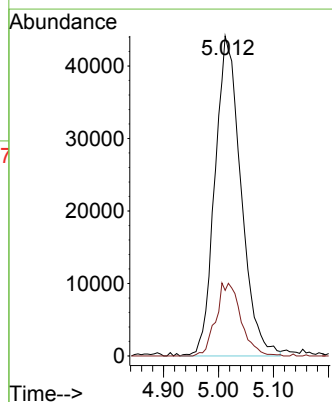
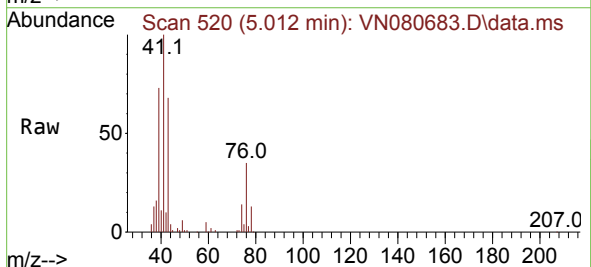
Instrument :  
MSVOA\_N  
ClientSampleId :

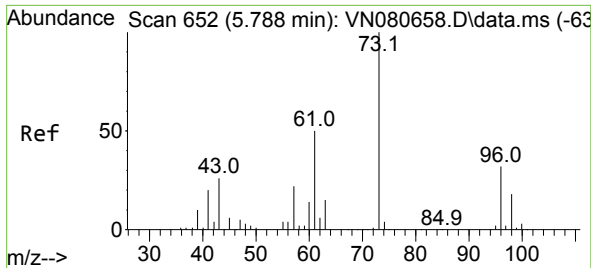
Tgt Ion: 76 Resp: 372619  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 50.538 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 43 Resp: 145195  
Ion Ratio Lower Upper  
43 100  
74 22.0 26.2 39.4#

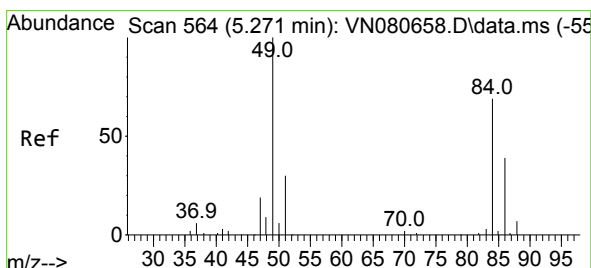
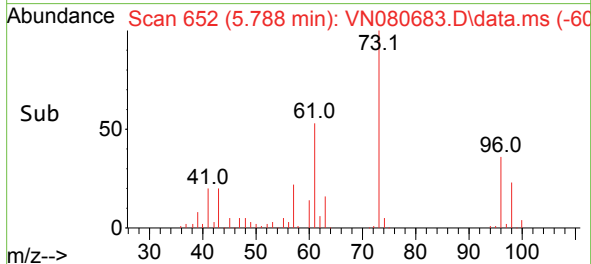
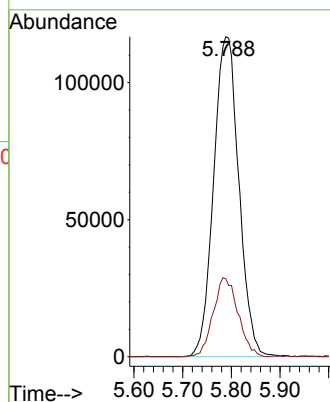
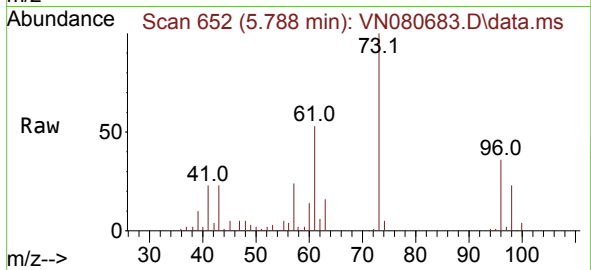




#19  
Methyl tert-butyl Ether  
Concen: 48.734 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

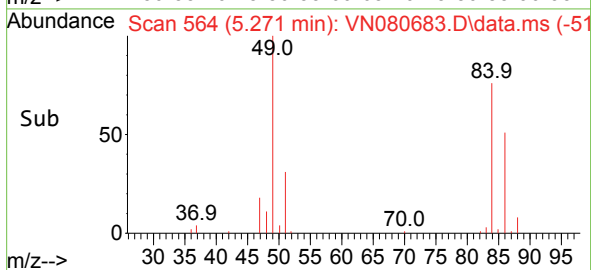
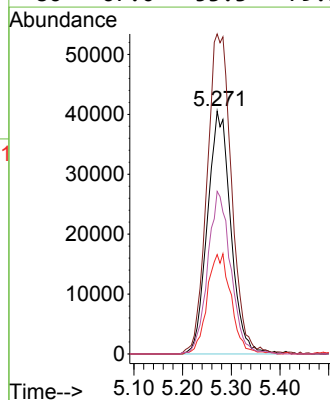
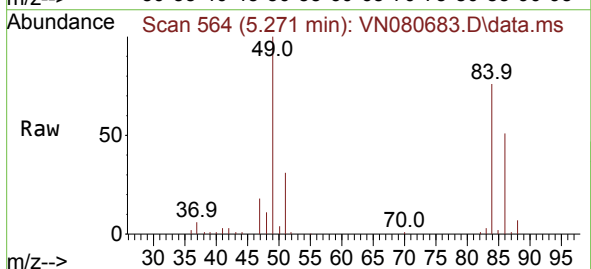
Instrument :  
MSVOA\_N  
ClientSampleId :

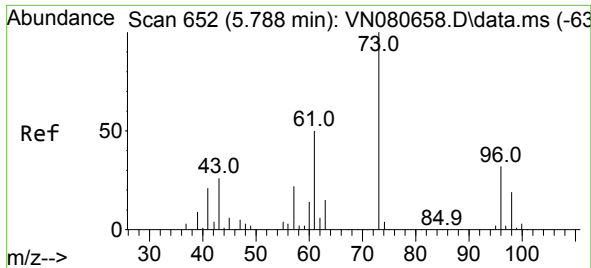
Tgt Ion: 73 Resp: 419564  
Ion Ratio Lower Upper  
73 100  
57 24.4 15.6 23.4#



#20  
Methylene Chloride  
Concen: 47.858 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 84 Resp: 134794  
Ion Ratio Lower Upper  
84 100  
49 131.8 79.7 119.5#  
51 40.9 25.2 37.8#  
86 67.0 53.3 79.9

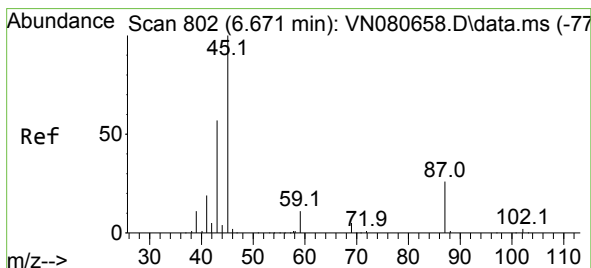
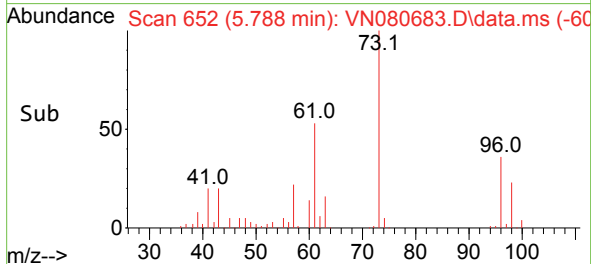
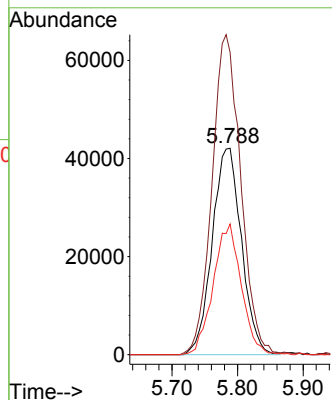
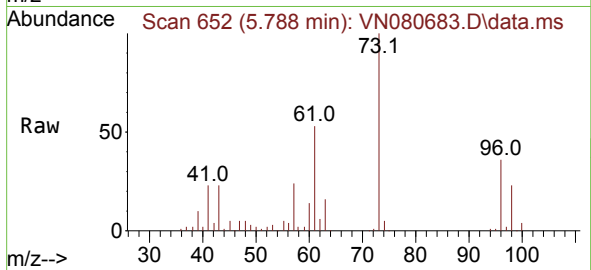




#21  
trans-1,2-Dichloroethene  
Concen: 51.447 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

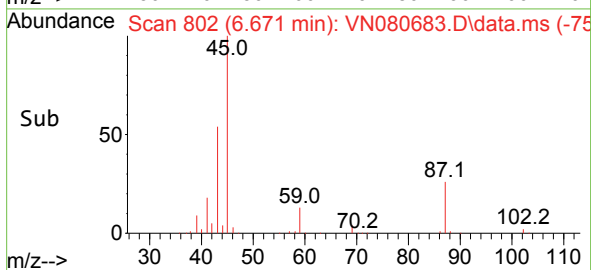
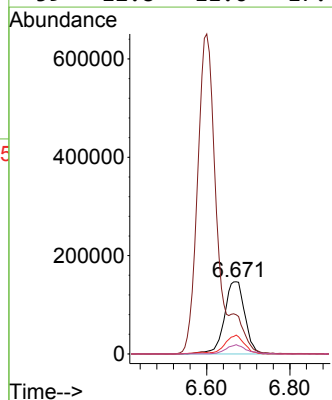
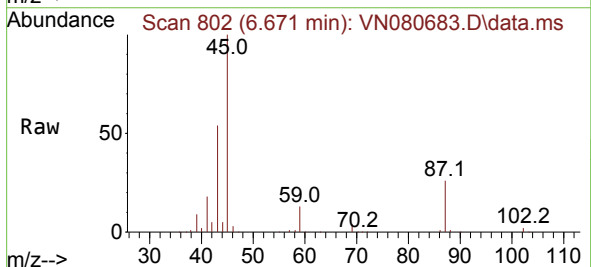
Instrument :  
MSVOA\_N  
ClientSampleId :

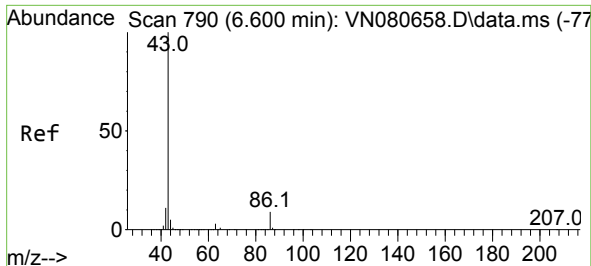
Tgt Ion: 96 Resp: 130378  
Ion Ratio Lower Upper  
96 100  
61 146.4 90.1 135.1#  
98 63.4 46.4 69.6



#22  
Diisopropyl ether  
Concen: 53.537 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

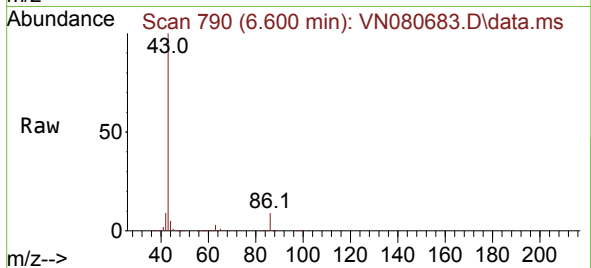
Tgt Ion: 45 Resp: 500001  
Ion Ratio Lower Upper  
45 100  
43 53.3 45.5 68.3  
87 26.2 31.8 47.8#  
59 12.8 11.6 17.4



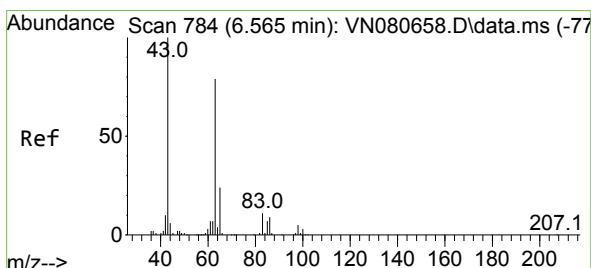
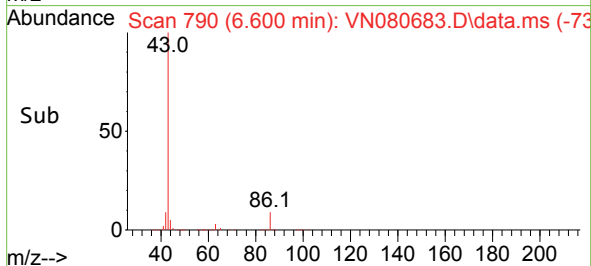
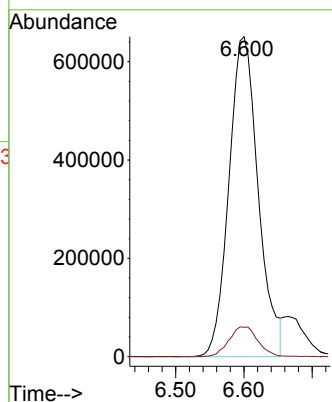


#23  
 Vinyl Acetate  
 Concen: 256.151 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

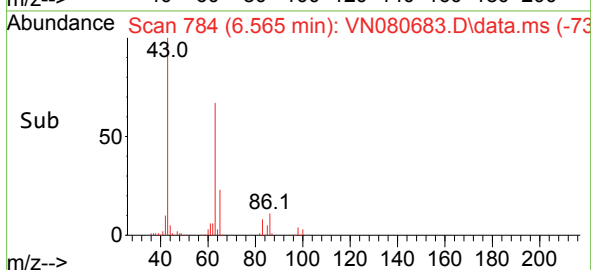
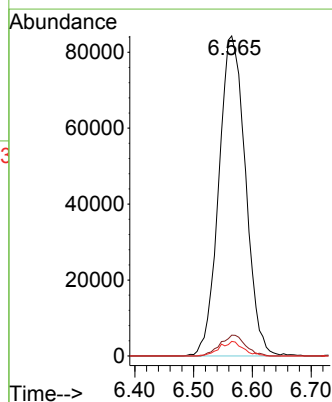
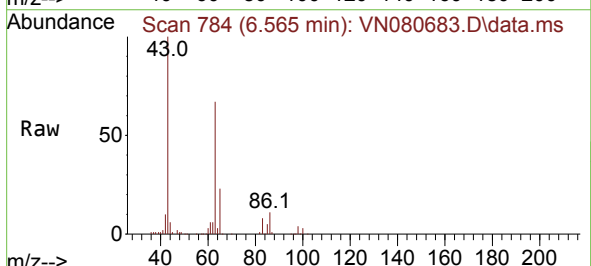


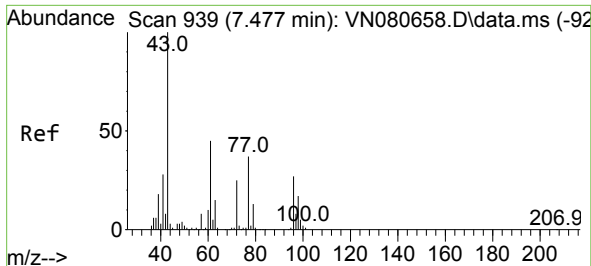
Tgt Ion: 43 Resp: 1947108  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 51.972 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Tgt Ion: 63 Resp: 265701  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.9 11.7  
 100 4.6 2.5 7.4

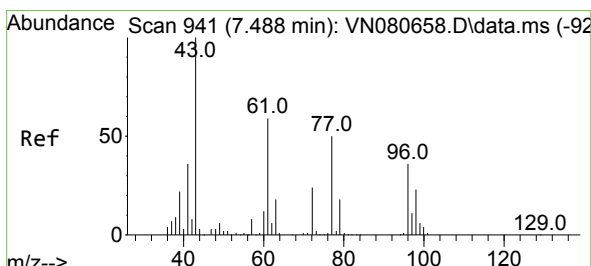
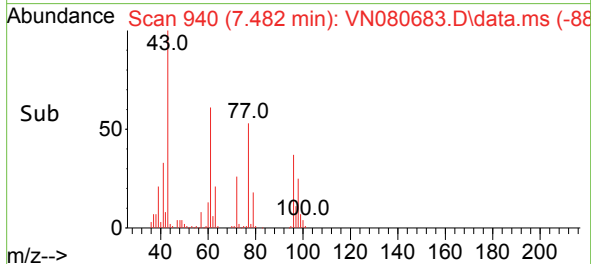
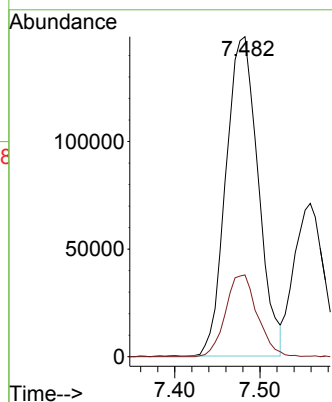
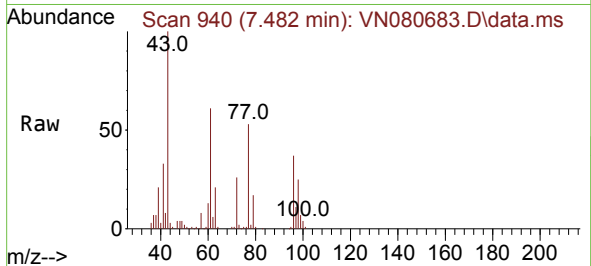




#25  
2-Butanone  
Concen: 224.551 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

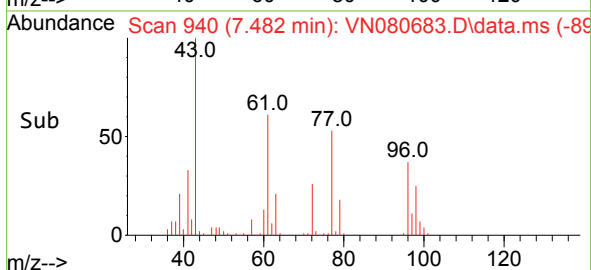
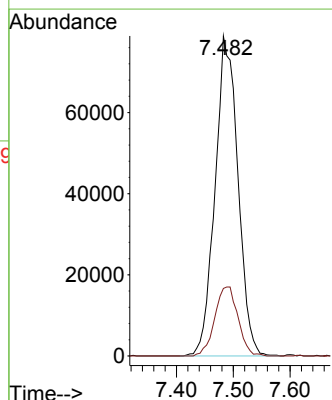
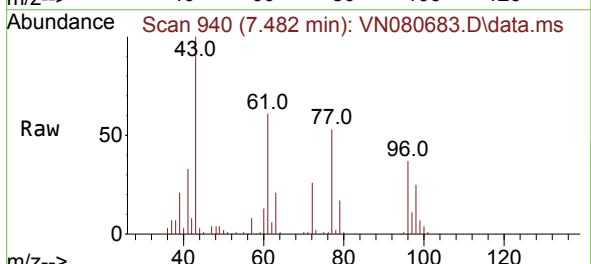
Instrument :  
MSVOA\_N  
ClientSampleId :

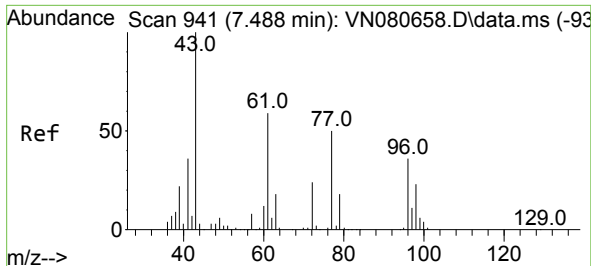
Tgt Ion: 43 Resp: 391609  
Ion Ratio Lower Upper  
43 100  
72 25.6 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 49.320 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

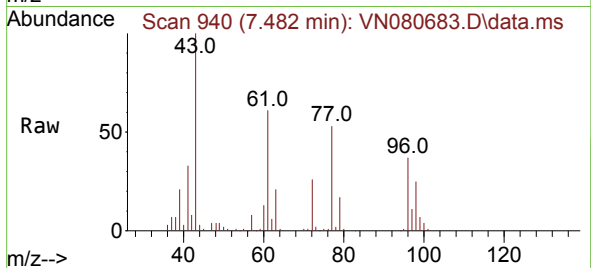
Tgt Ion: 77 Resp: 220515  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.2 33.6



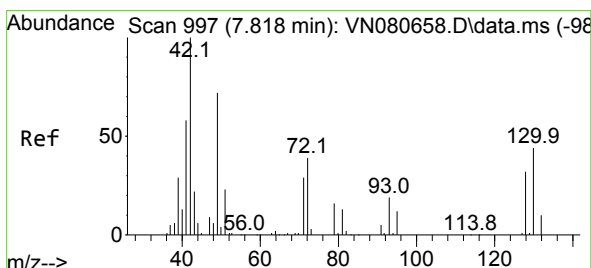
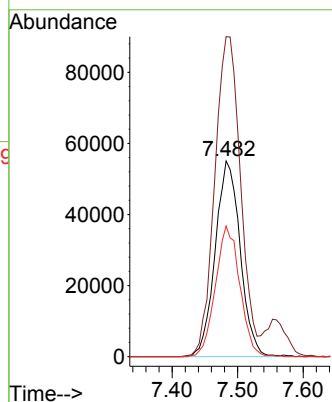
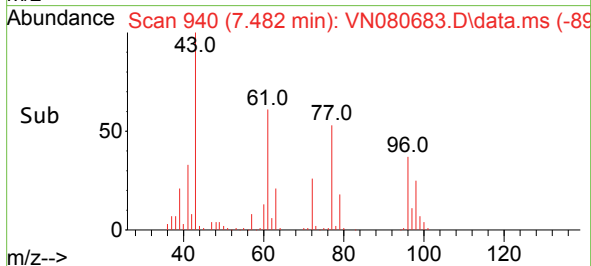


#27  
 cis-1,2-Dichloroethene  
 Concen: 52.097 ug/l  
 RT: 7.482 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

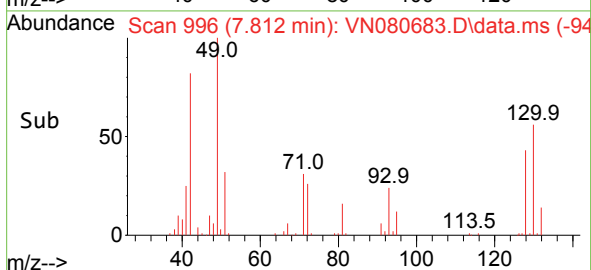
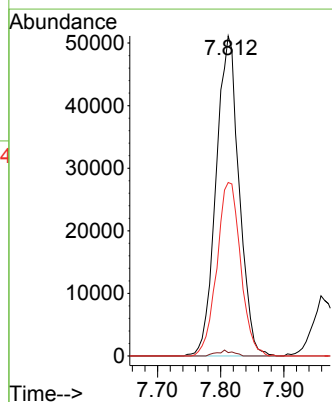
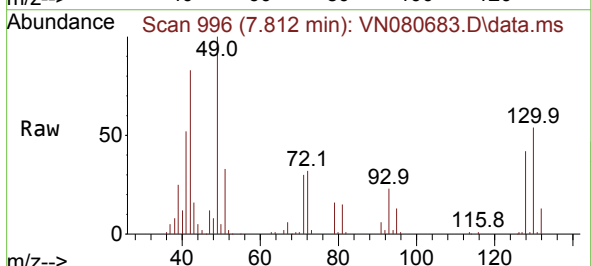


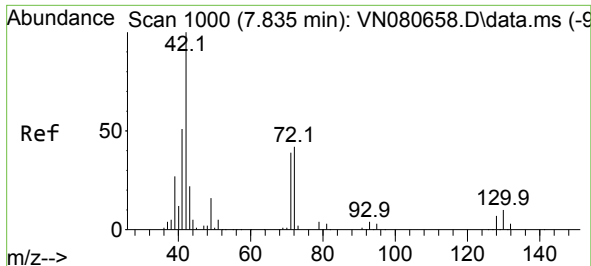
Tgt Ion: 96 Resp: 145544  
 Ion Ratio Lower Upper  
 96 100  
 61 169.7 0.0 255.2  
 98 65.1 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 54.172 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Tgt Ion: 49 Resp: 129472  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 4.8  
 130 55.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 246.257 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

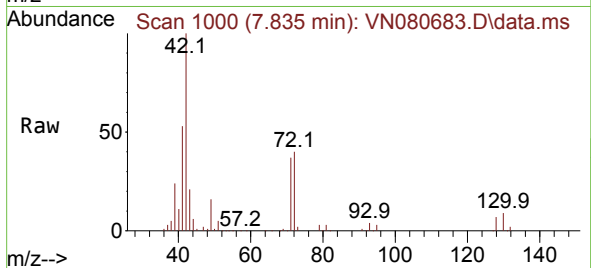
Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

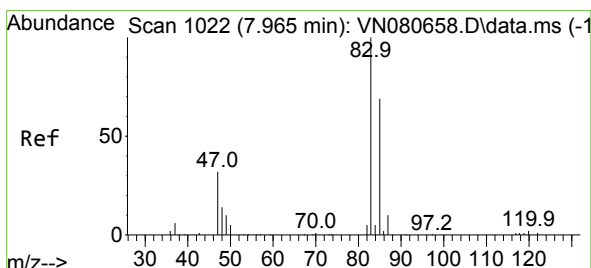
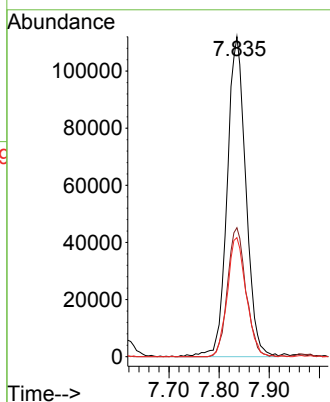
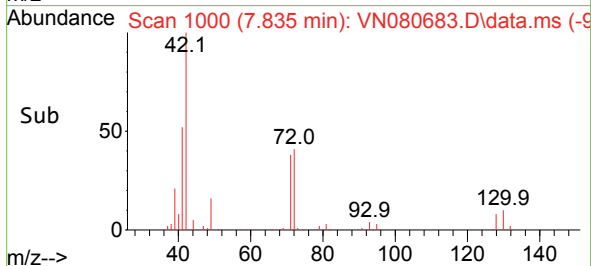
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 289468 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 39.9  | 49.8  | 74.6#  |
| 71        | 37.5  | 47.4  | 71.2#  |



#30

Chloroform

Concen: 51.368 ug/l

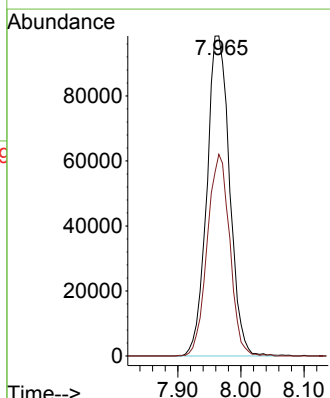
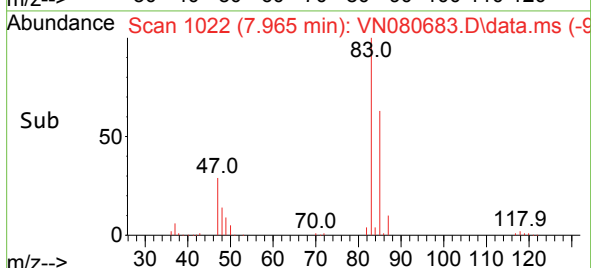
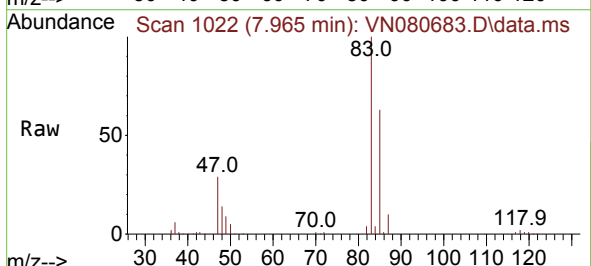
RT: 7.965 min Scan# 1022

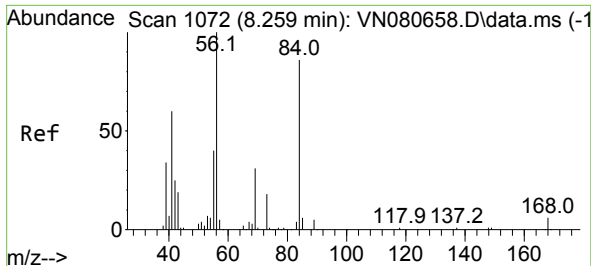
Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

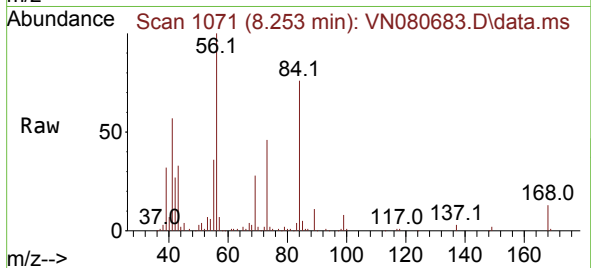
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 246190 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.0  | 55.4  | 83.0   |



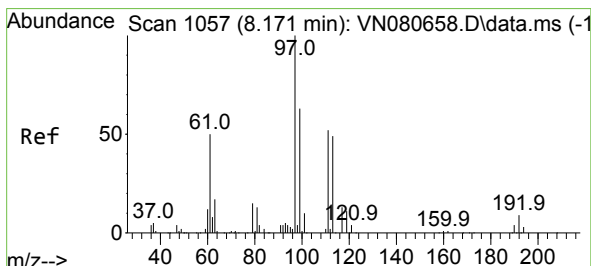
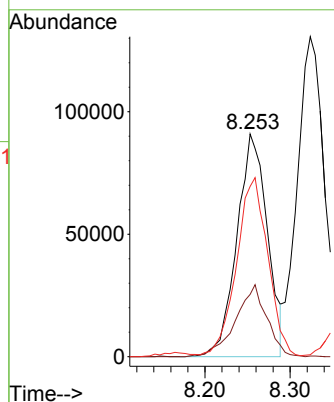
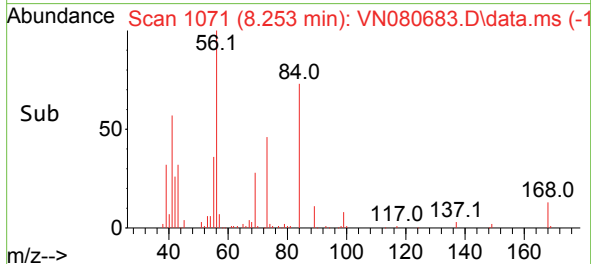


#31  
Cyclohexane  
Concen: 49.773 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

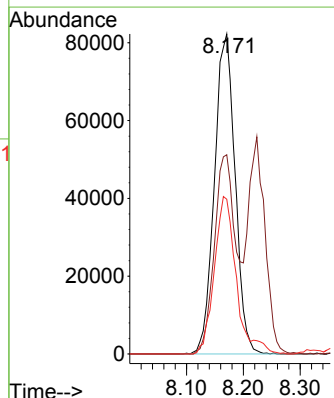
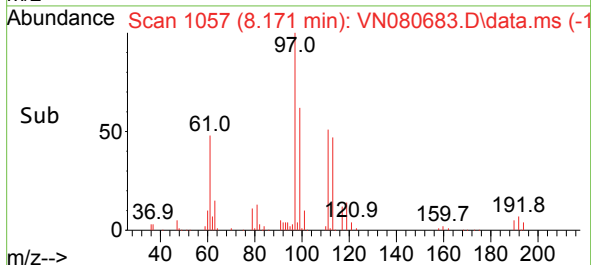
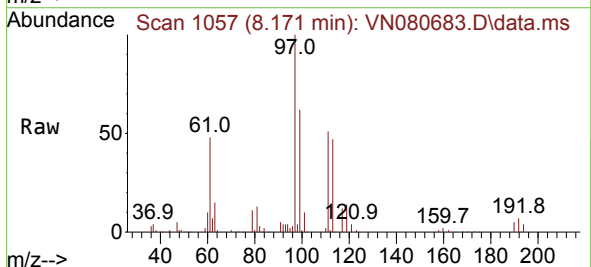


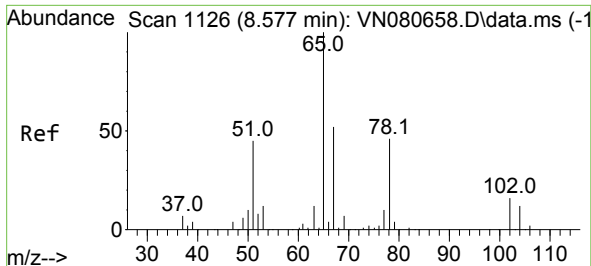
Tgt Ion: 56 Resp: 225978  
Ion Ratio Lower Upper  
56 100  
69 27.9 26.8 40.2  
84 74.7 81.8 122.6#



#32  
1,1,1-Trichloroethane  
Concen: 48.763 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 97 Resp: 208037  
Ion Ratio Lower Upper  
97 100  
99 65.9 50.3 75.5  
61 52.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.001 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

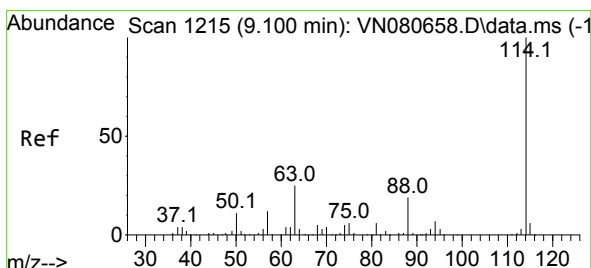
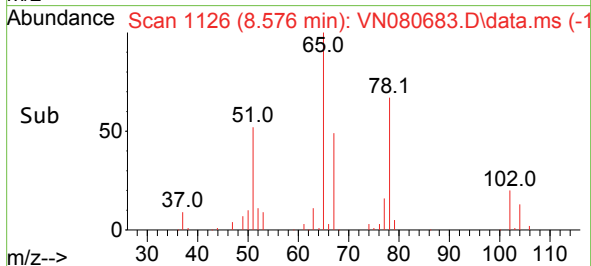
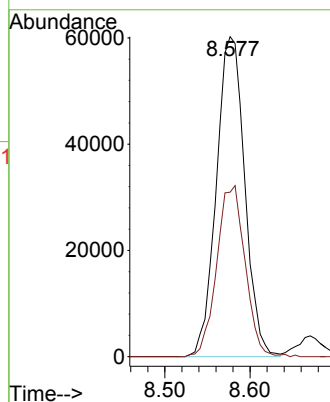
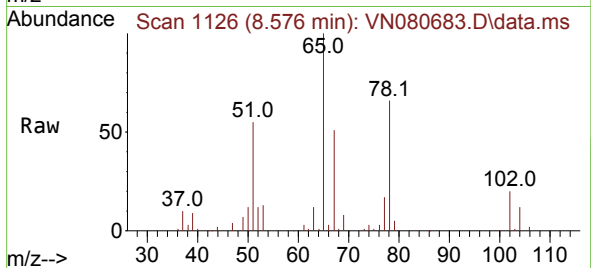
ClientSampleId :

Tgt Ion: 65 Resp: 139232

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

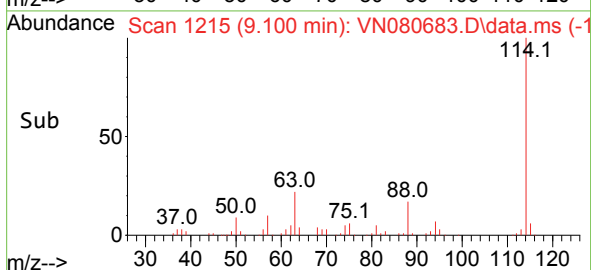
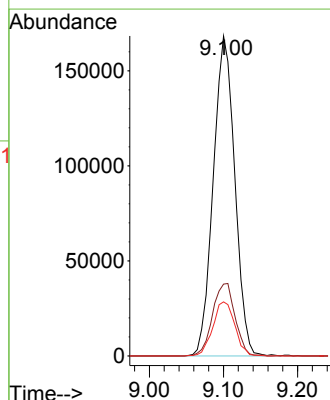
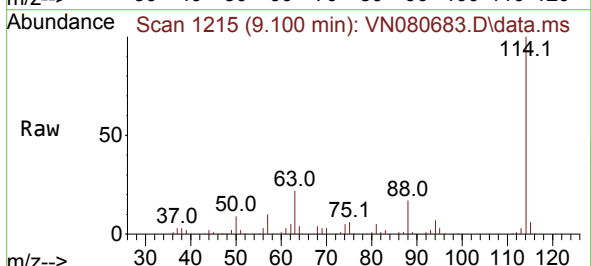
Tgt Ion: 114 Resp: 339821

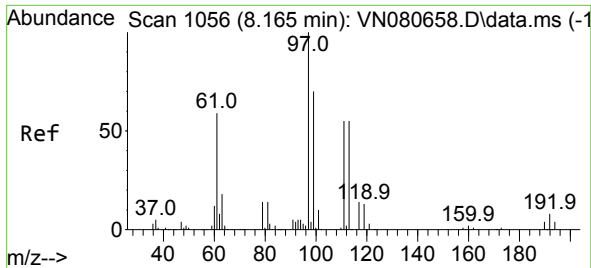
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.9 0.0 30.6

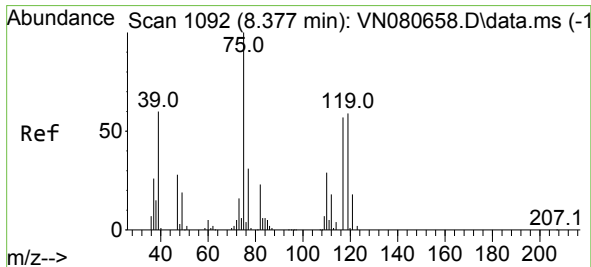
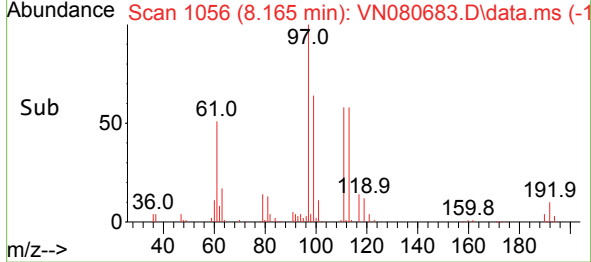
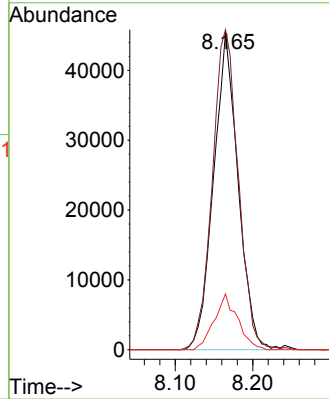
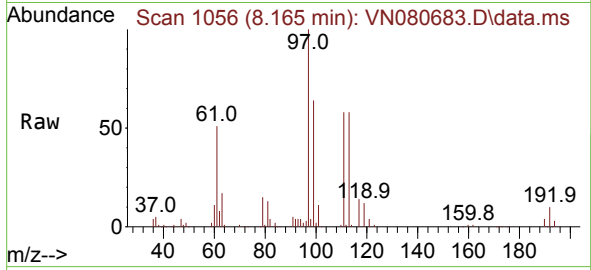




#35  
Dibromofluoromethane  
Concen: 51.663 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

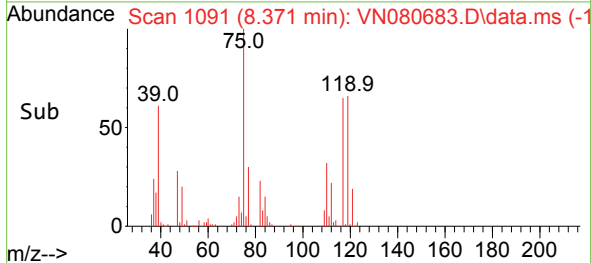
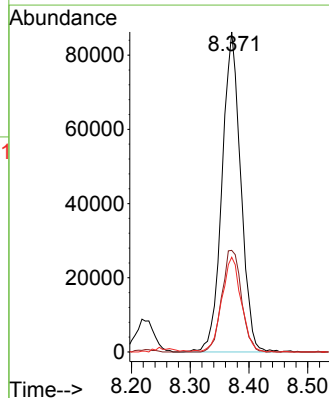
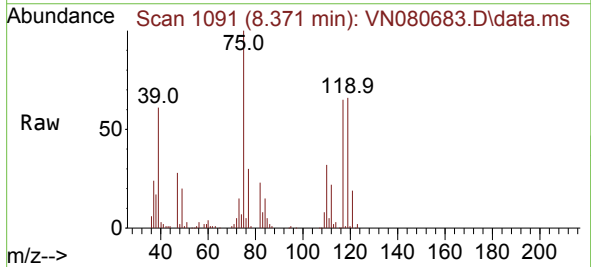
Instrument :  
MSVOA\_N  
ClientSampleId :

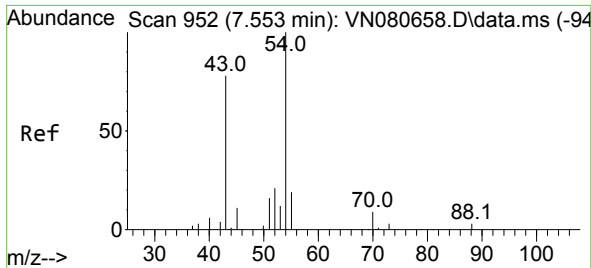
Tgt Ion:113 Resp: 99750  
Ion Ratio Lower Upper  
113 100  
111 106.9 82.6 123.8  
192 16.7 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 48.181 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 75 Resp: 190559  
Ion Ratio Lower Upper  
75 100  
110 33.4 19.1 57.3  
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 46.000 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

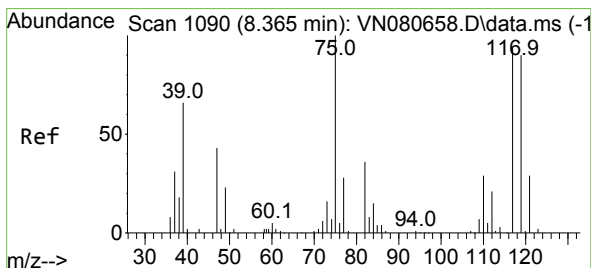
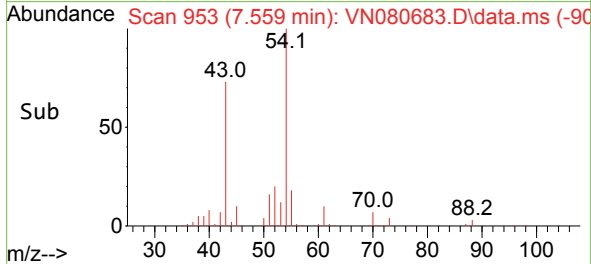
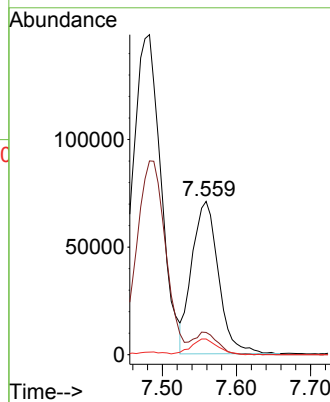
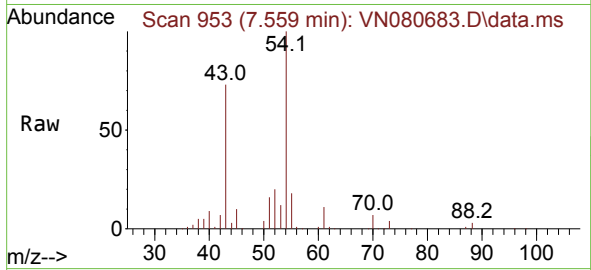
Tgt Ion: 43 Resp: 176419

Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 10.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 45.702 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

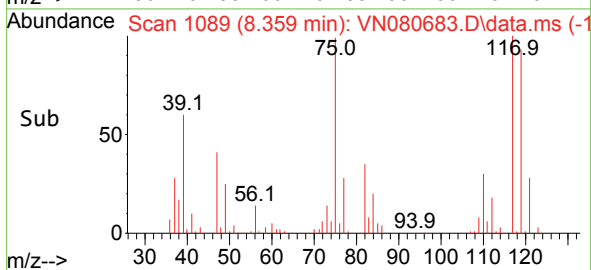
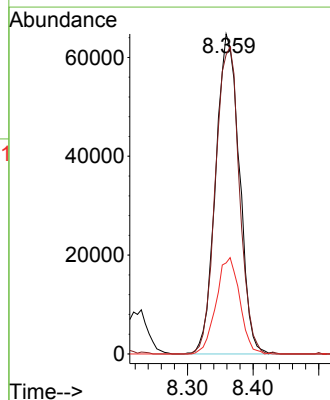
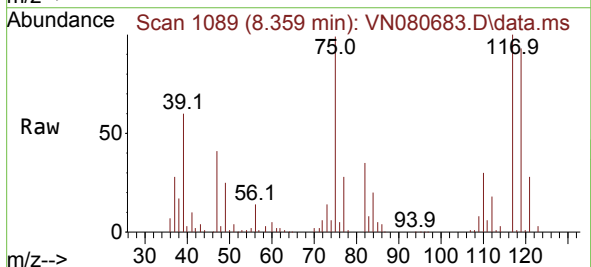
Tgt Ion: 117 Resp: 162294

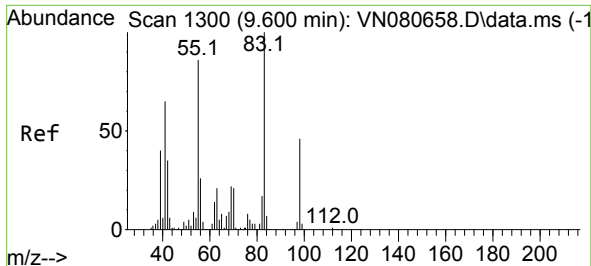
Ion Ratio Lower Upper

117 100

119 93.5 77.3 115.9

121 28.4 23.3 34.9





#39

Methylcyclohexane

Concen: 51.327 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

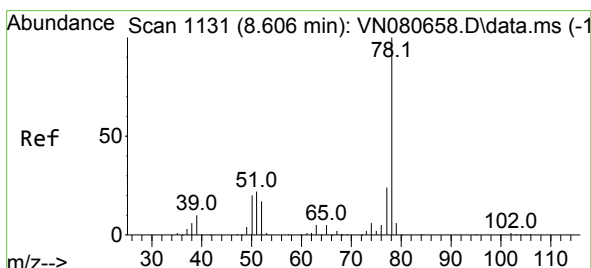
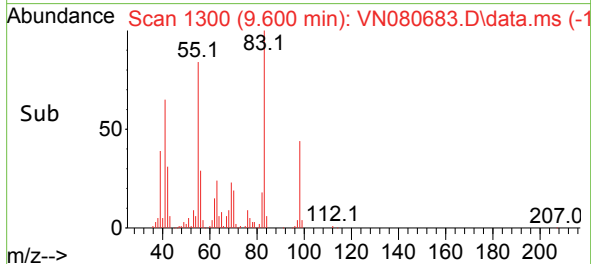
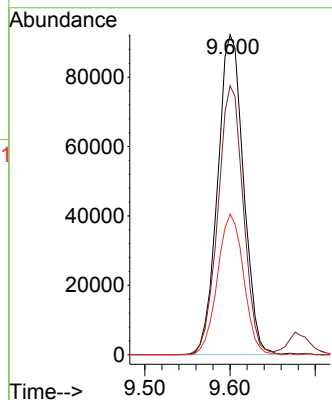
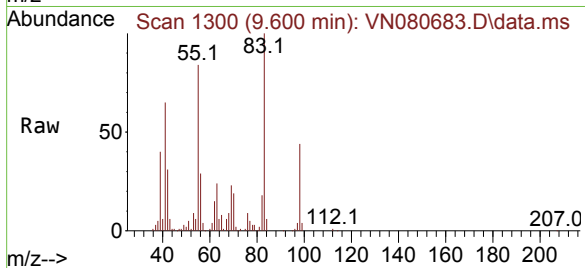
Tgt Ion: 83 Resp: 194267

Ion Ratio Lower Upper

83 100

55 84.0 49.1 73.7#

98 43.9 40.6 61.0



#40

Benzene

Concen: 52.649 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080683.D

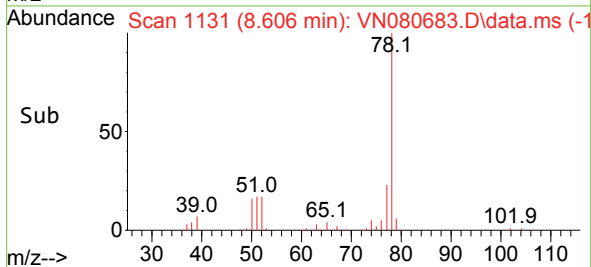
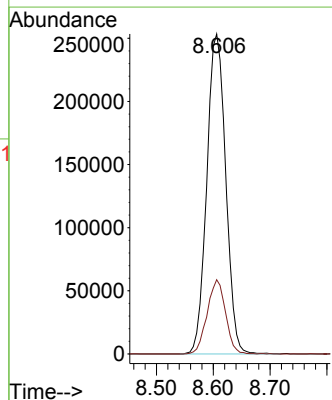
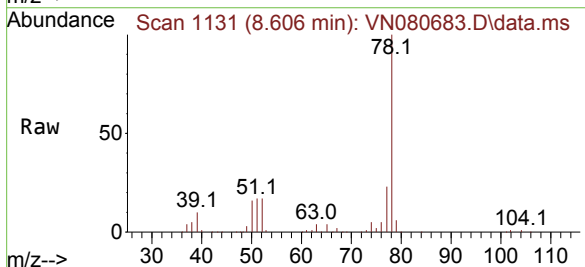
Acq: 12 Jan 2024 12:13

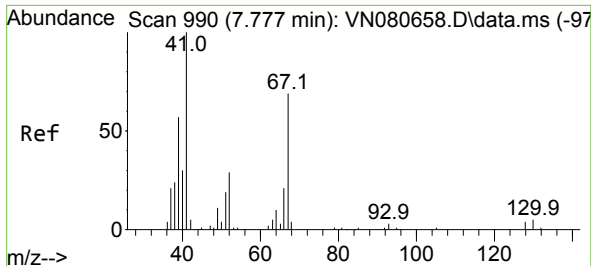
Tgt Ion: 78 Resp: 585379

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

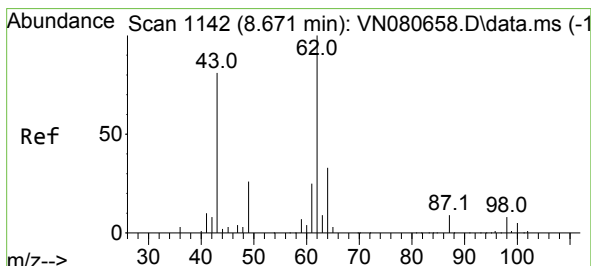
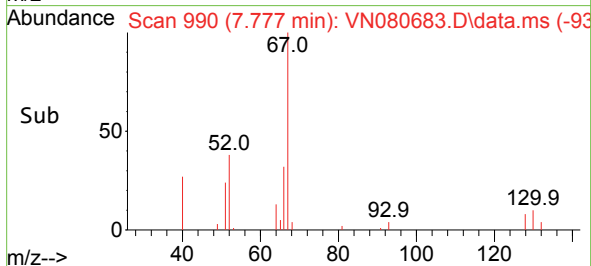
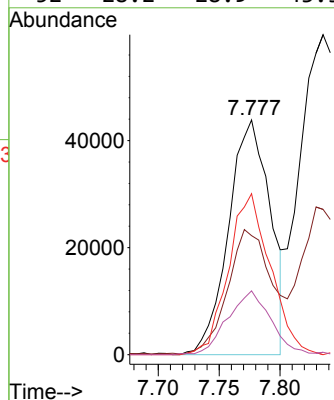
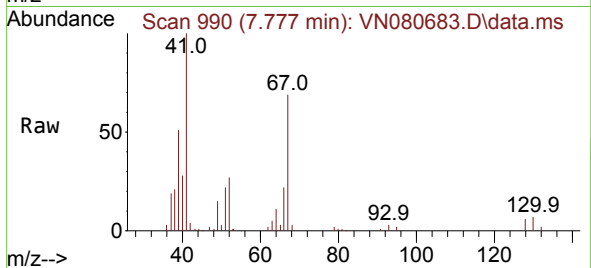




#41  
Methacrylonitrile  
Concen: 47.056 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

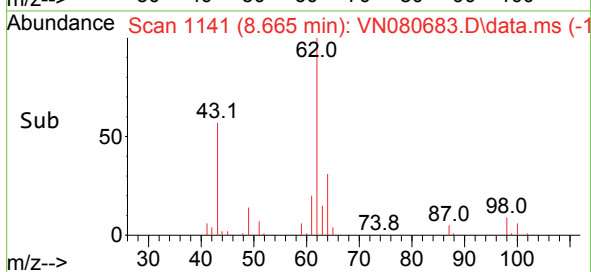
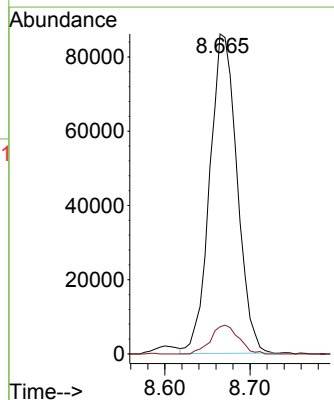
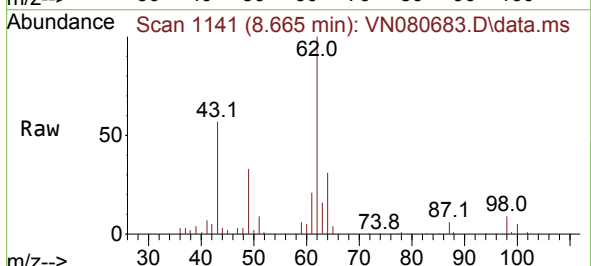
Instrument :  
MSVOA\_N  
ClientSampleId :

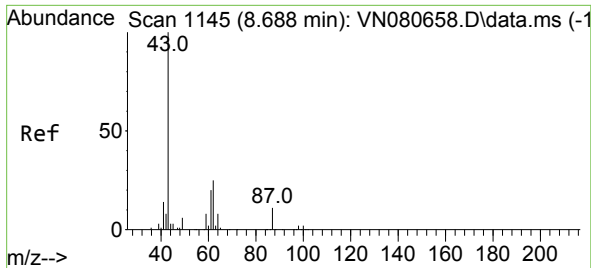
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 104682 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 57.1  | 42.6  | 64.0   |
| 67       | 68.8  | 77.5  | 116.3# |
| 52       | 28.2  | 28.9  | 43.3#  |



#42  
1,2-Dichloroethane  
Concen: 45.035 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

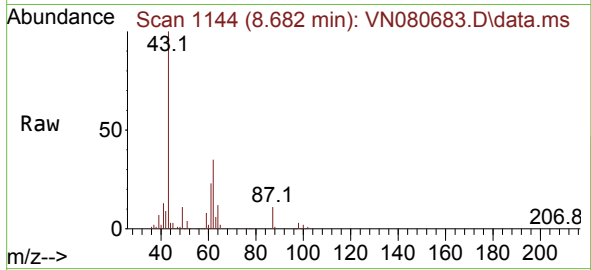
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 191694 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 19.8   |



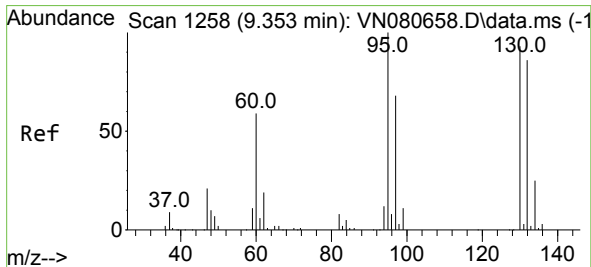
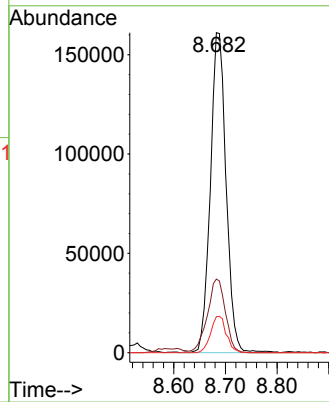
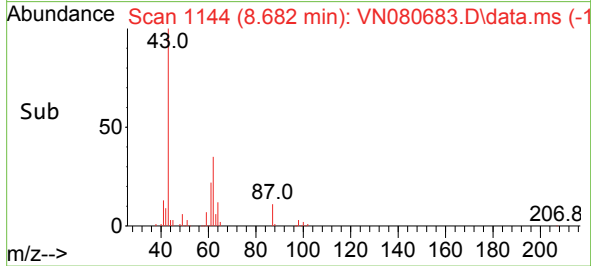


#43  
Isopropyl Acetate  
Concen: 48.353 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

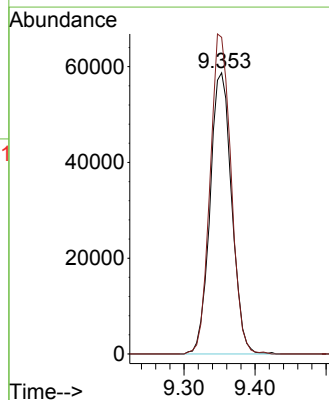
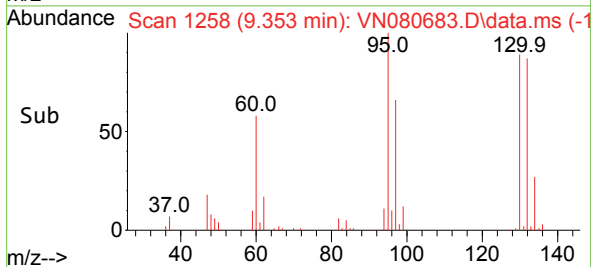
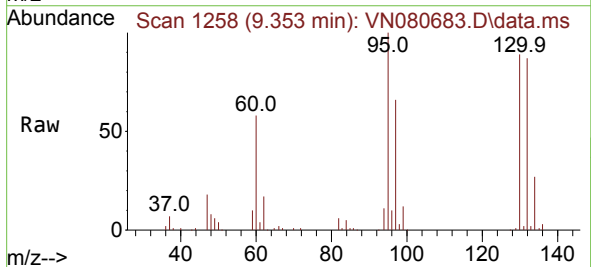


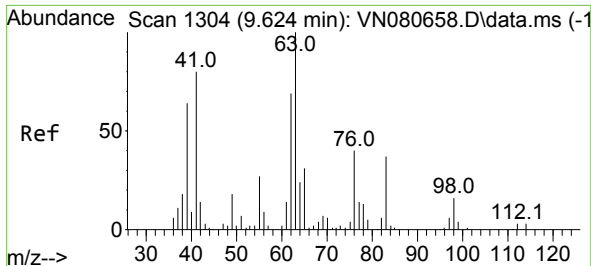
Tgt Ion: 43 Resp: 340876  
Ion Ratio Lower Upper  
43 100  
61 26.3 24.7 37.1  
87 11.3 14.6 21.8#



#44  
Trichloroethene  
Concen: 49.341 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:130 Resp: 124193  
Ion Ratio Lower Upper  
130 100  
95 112.6 0.0 204.6

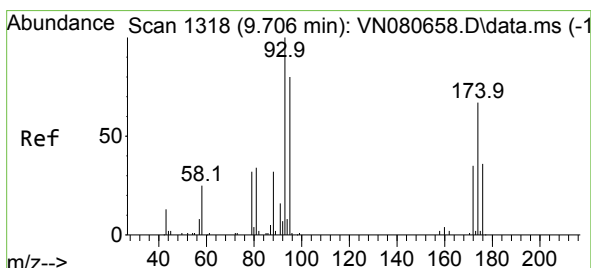
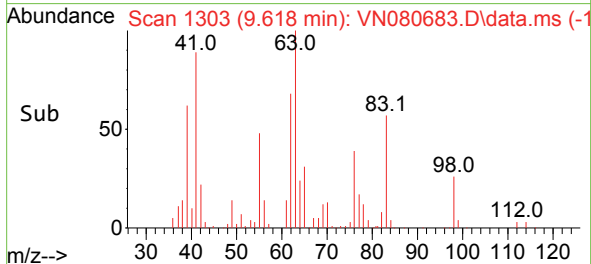
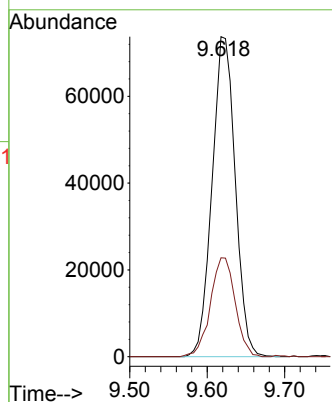
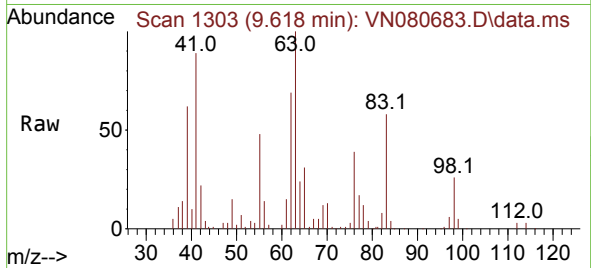




#45  
1,2-Dichloropropane  
Concen: 52.036 ug/l  
RT: 9.618 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

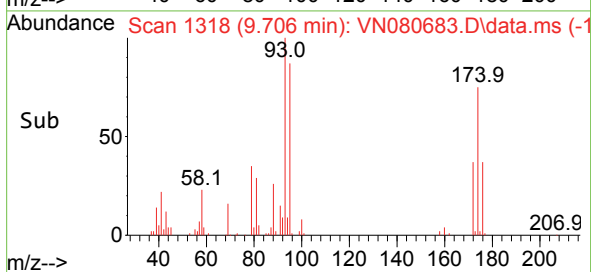
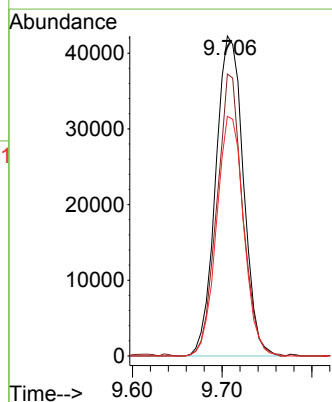
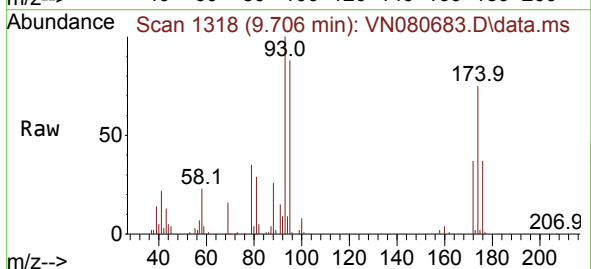
Instrument :  
MSVOA\_N  
ClientSampleId :

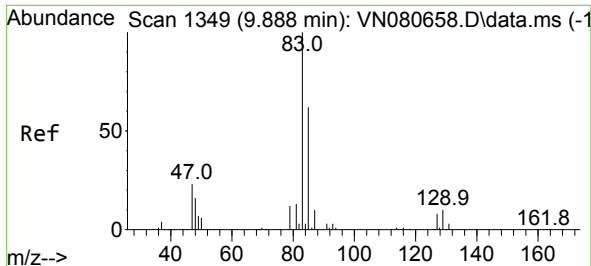
Tgt Ion: 63 Resp: 153386  
Ion Ratio Lower Upper  
63 100  
65 30.9 23.9 35.9



#46  
Dibromomethane  
Concen: 48.624 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 93 Resp: 90683  
Ion Ratio Lower Upper  
93 100  
95 81.7 63.8 95.8  
174 73.4 65.6 98.4

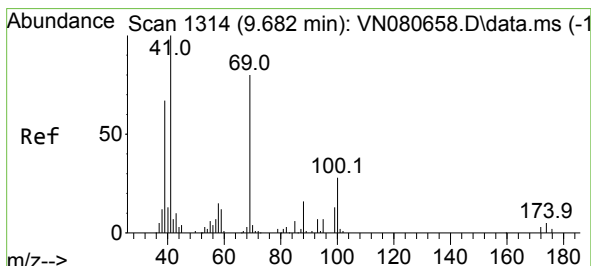
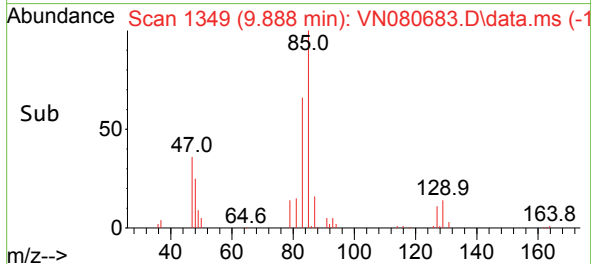
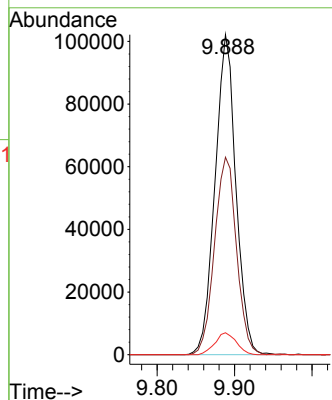
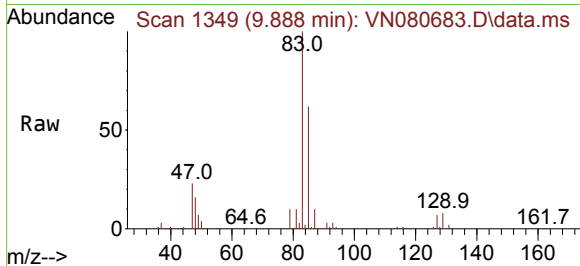




#47  
Bromodichloromethane  
Concen: 46.181 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

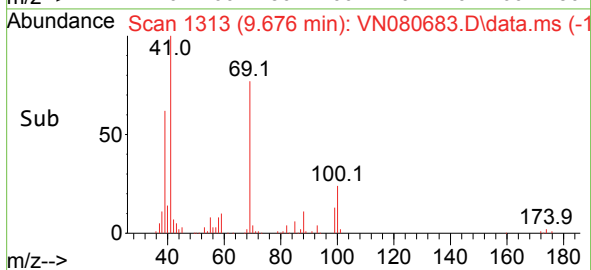
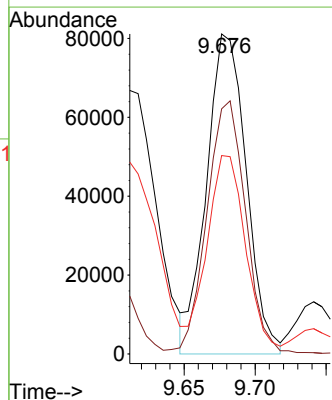
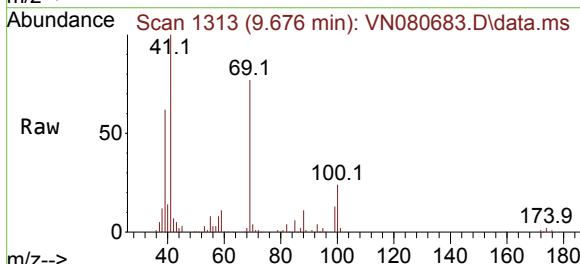
Instrument :  
MSVOA\_N  
ClientSampleId :

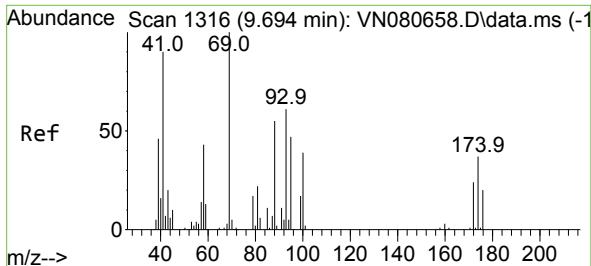
Tgt Ion: 83 Resp: 191160  
Ion Ratio Lower Upper  
83 100  
85 61.7 49.6 74.4  
127 6.9 7.0 10.6#



#48  
Methyl methacrylate  
Concen: 47.378 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 41 Resp: 158133  
Ion Ratio Lower Upper  
41 100  
69 77.5 90.4 135.6#  
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 914.843 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

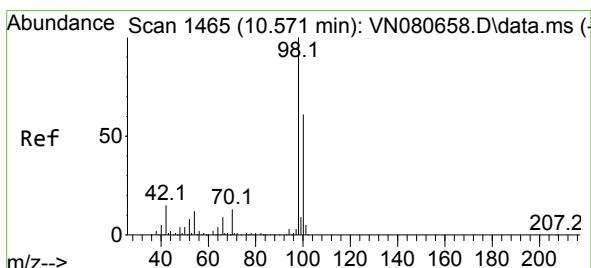
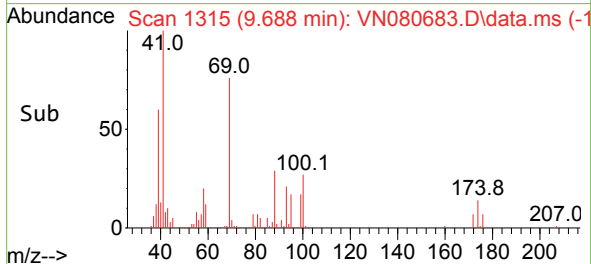
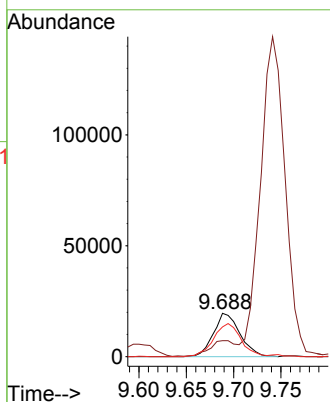
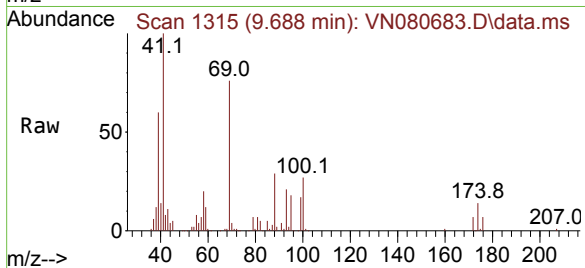
Tgt Ion: 88 Resp: 38046

Ion Ratio Lower Upper

88 100

43 36.9 17.0 25.6#

58 79.1 47.0 70.4#



#50

Toluene-d8

Concen: 55.156 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080683.D

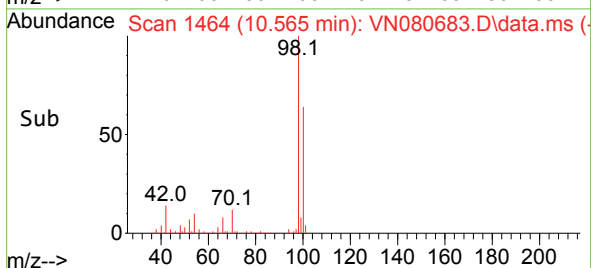
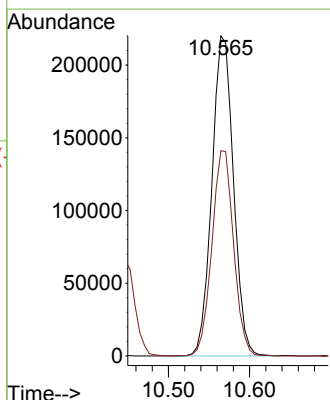
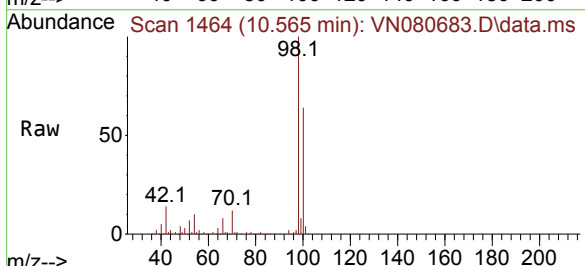
Acq: 12 Jan 2024 12:13

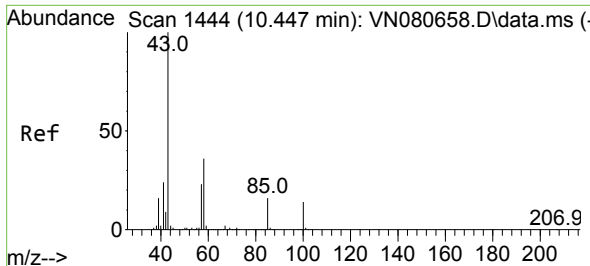
Tgt Ion: 98 Resp: 406072

Ion Ratio Lower Upper

98 100

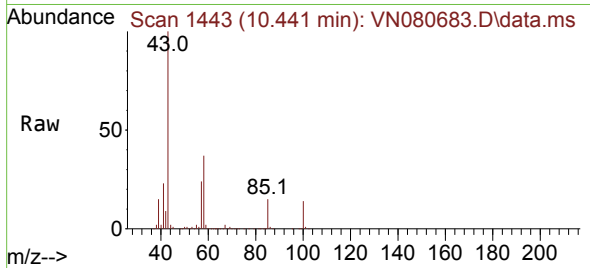
100 64.6 52.0 78.0



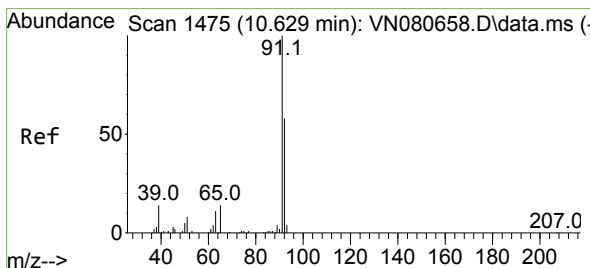
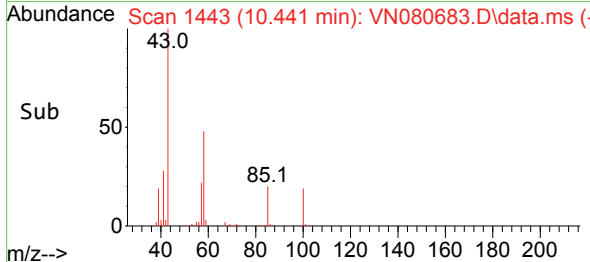
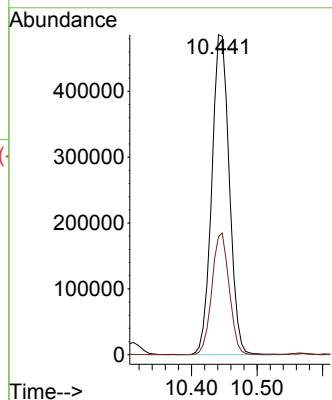


#51  
4-Methyl-2-Pentanone  
Concen: 237.036 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

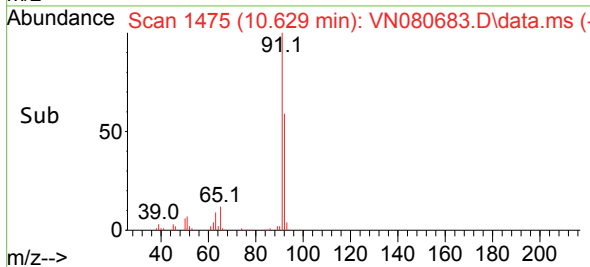
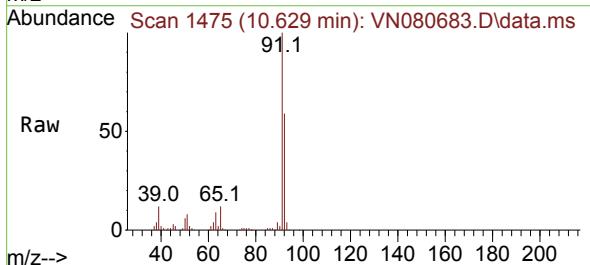
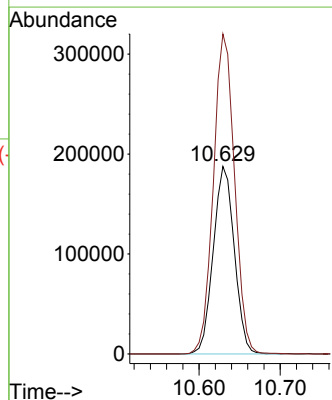


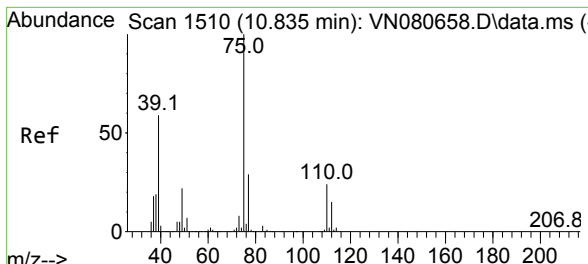
Tgt Ion: 43 Resp: 901497  
Ion Ratio Lower Upper  
43 100  
58 37.4 36.6 54.8



#52  
Toluene  
Concen: 53.135 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

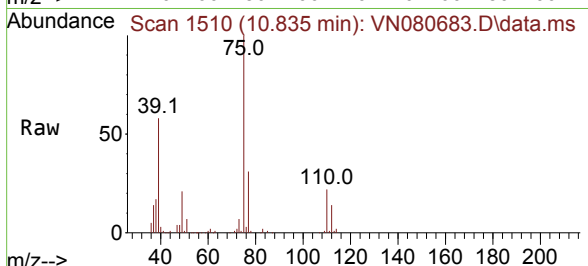
Tgt Ion: 92 Resp: 338485  
Ion Ratio Lower Upper  
92 100  
91 171.6 137.4 206.0



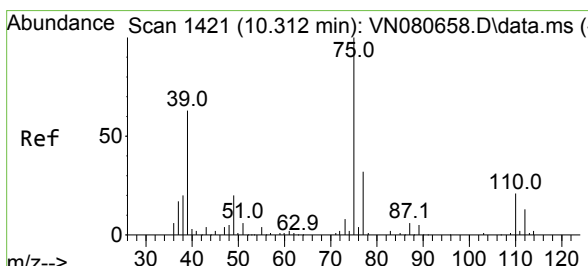
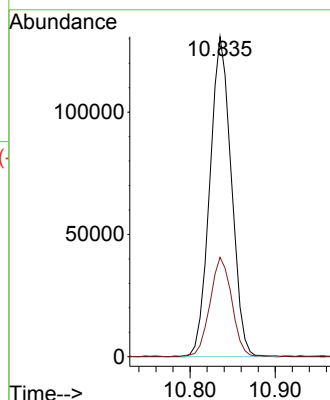
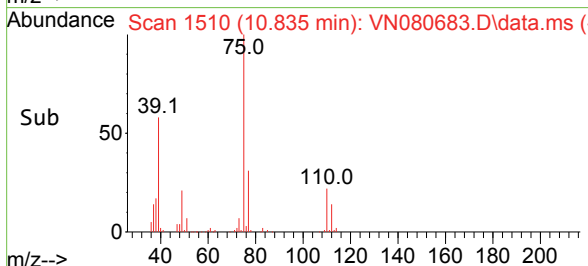


#53  
 t-1,3-Dichloropropene  
 Concen: 49.965 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

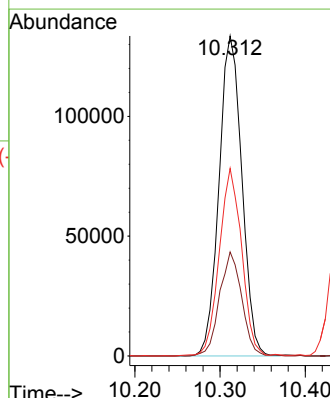
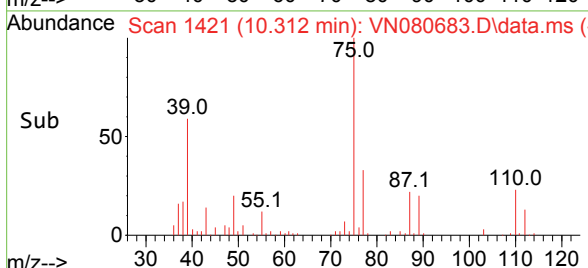
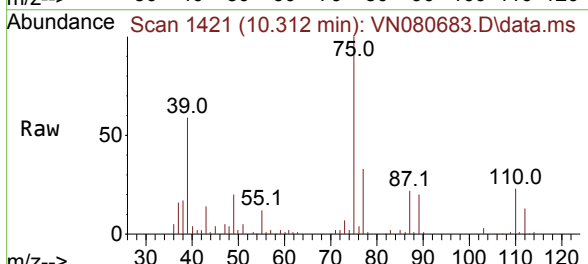


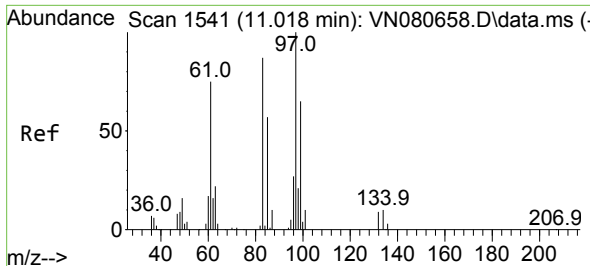
Tgt Ion: 75 Resp: 229562  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.053 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

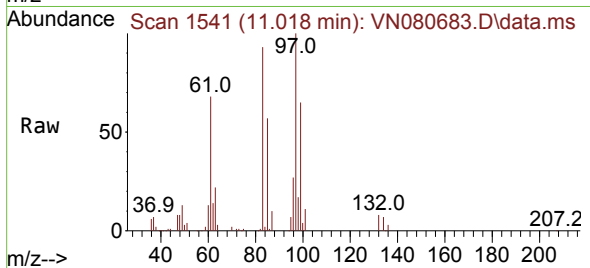
Tgt Ion: 75 Resp: 248744  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 26.1 39.1  
 39 58.5 31.6 47.4#



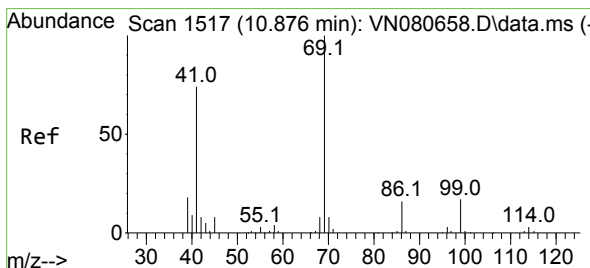
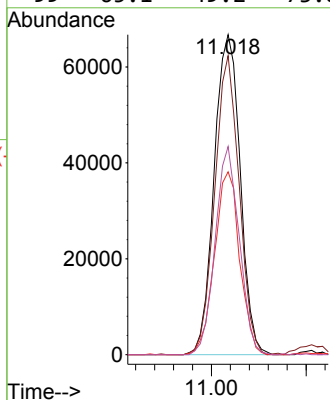
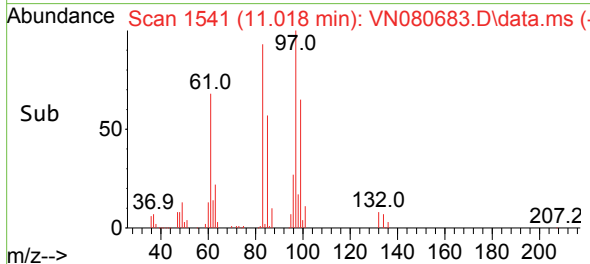


#55  
1,1,2-Trichloroethane  
Concen: 51.885 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

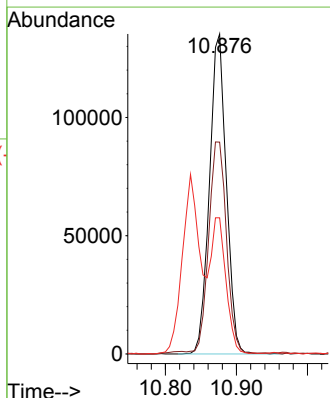
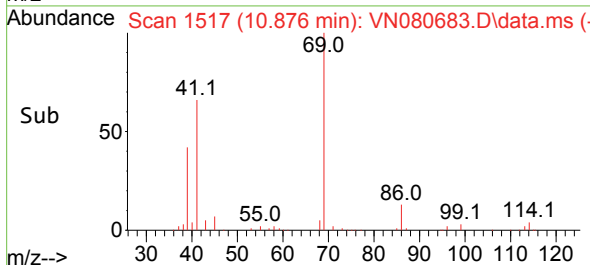
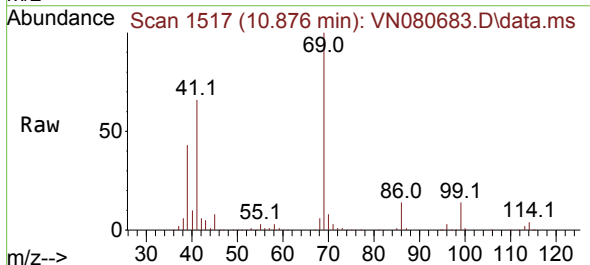


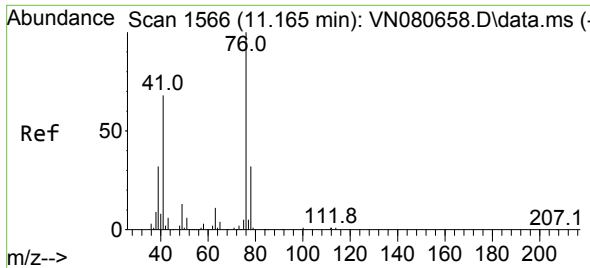
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 127221 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 93.4     | 65.1 97.7    |
| 85 57.2     | 43.4 65.2    |
| 99 65.1     | 49.2 73.8    |



#56  
Ethyl methacrylate  
Concen: 50.805 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

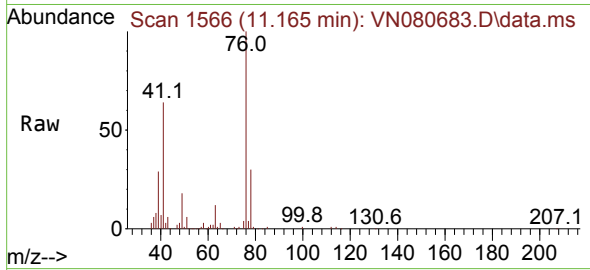
|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 223122 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 71.1     | 39.6 59.4#   |
| 39 36.9     | 28.6 43.0    |



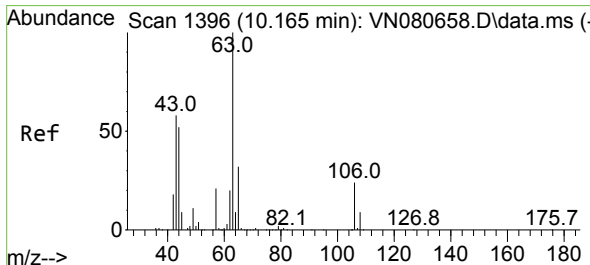
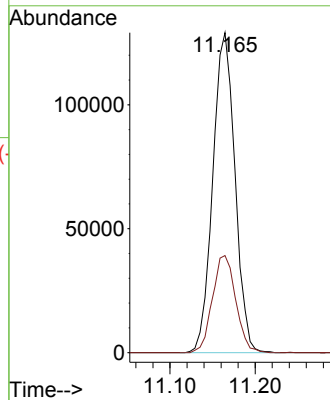
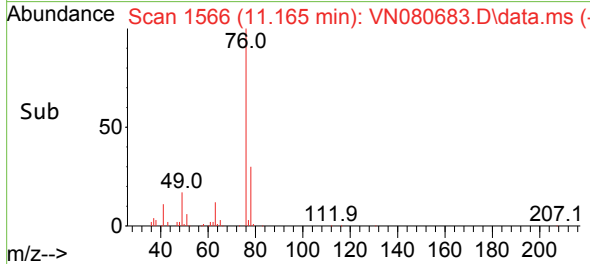


#57  
1,3-Dichloropropane  
Concen: 52.045 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

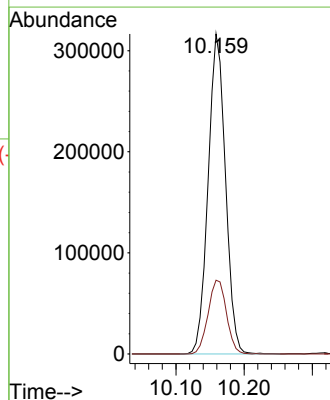
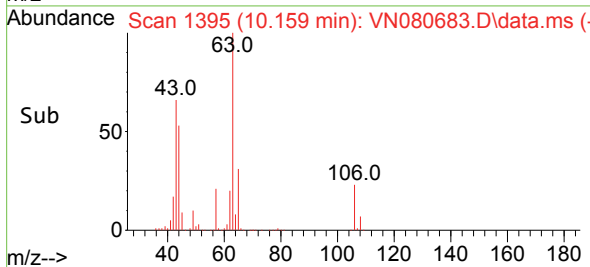
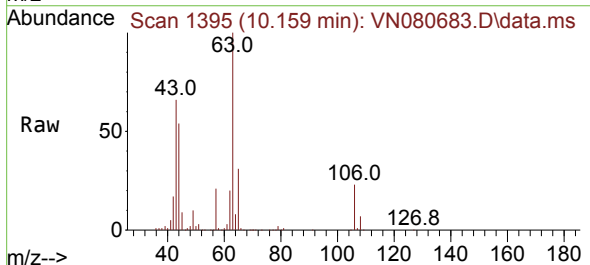


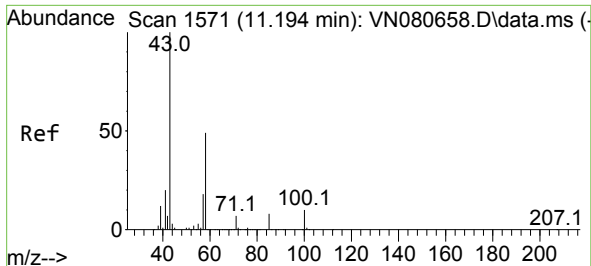
Tgt Ion: 76 Resp: 232970  
Ion Ratio Lower Upper  
76 100  
78 31.9 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 266.260 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 63 Resp: 560083  
Ion Ratio Lower Upper  
63 100  
106 24.4 26.2 39.4#

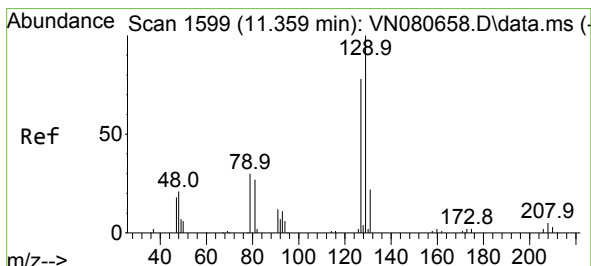
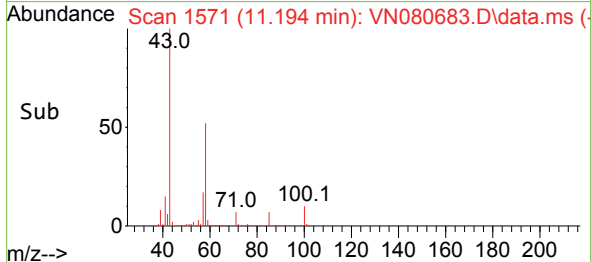
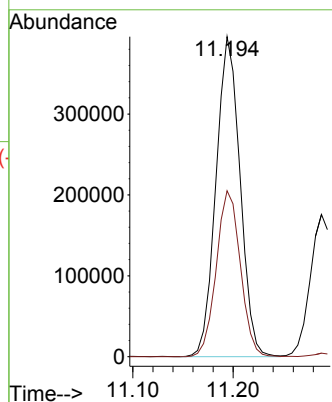
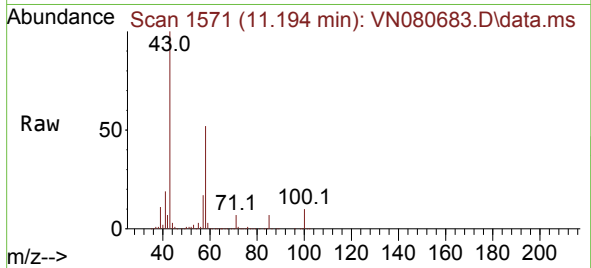




#59  
2-Hexanone  
Concen: 234.621 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

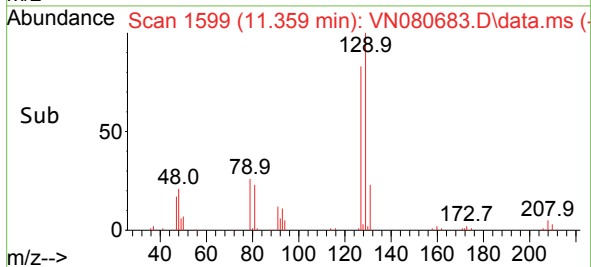
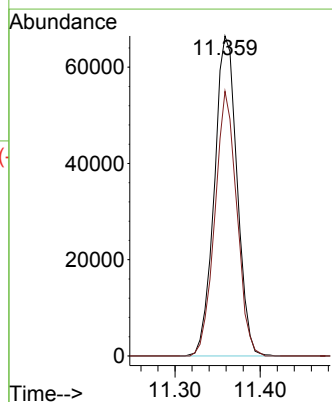
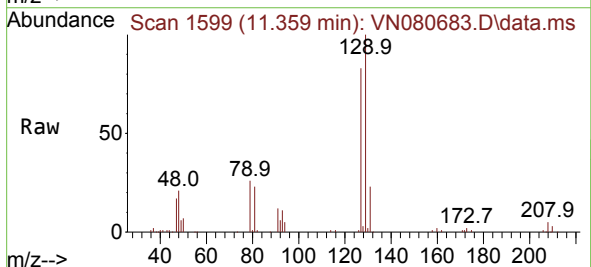
Instrument :  
MSVOA\_N  
ClientSampleId :

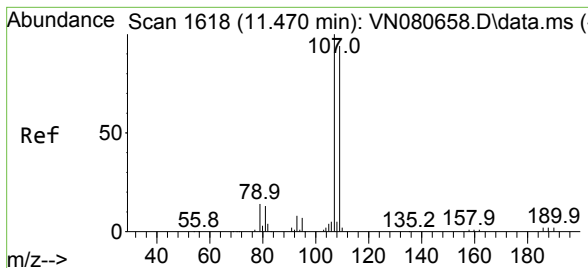
Tgt Ion: 43 Resp: 658717  
Ion Ratio Lower Upper  
43 100  
58 51.9 31.7 95.1



#60  
Dibromochloromethane  
Concen: 48.848 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:129 Resp: 123096  
Ion Ratio Lower Upper  
129 100  
127 80.0 38.6 116.0

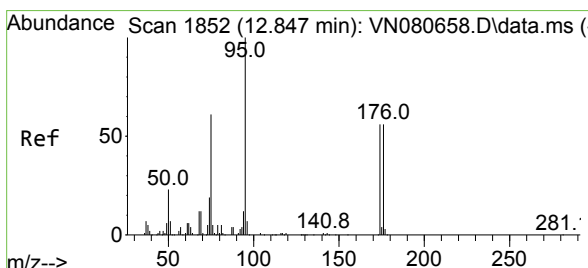
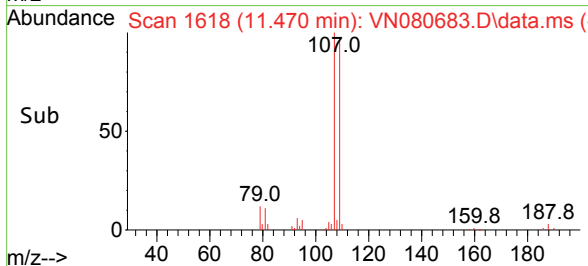
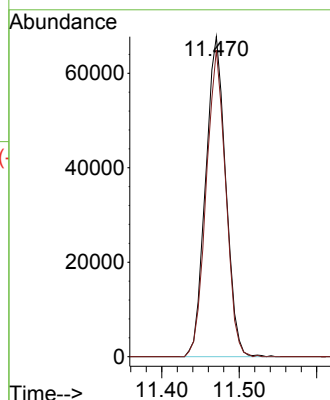
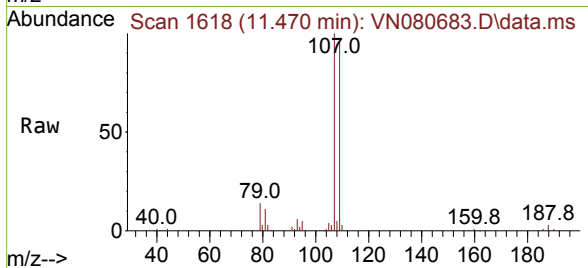




#61  
1,2-Dibromoethane  
Concen: 50.716 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

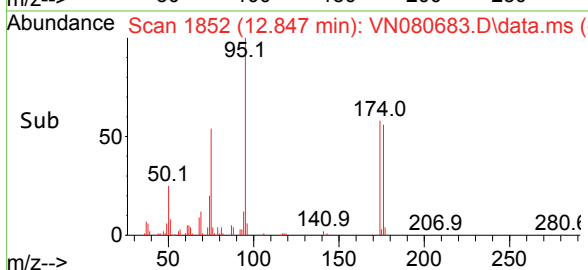
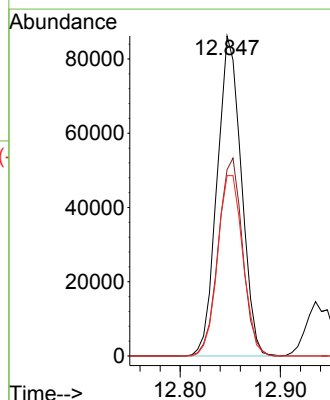
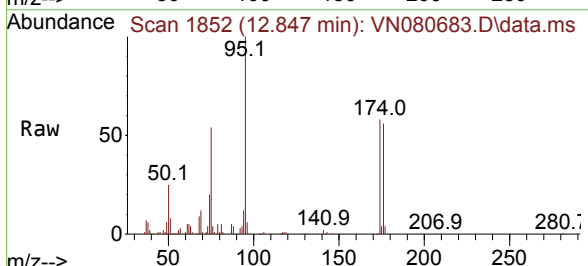
Instrument :  
MSVOA\_N  
ClientSampleId :

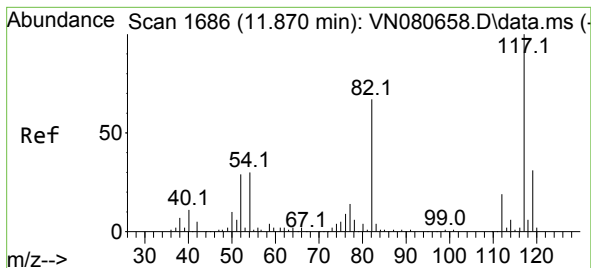
Tgt Ion:107 Resp: 122241  
Ion Ratio Lower Upper  
107 100  
109 92.6 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.157 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 95 Resp: 144428  
Ion Ratio Lower Upper  
95 100  
174 62.0 0.0 143.8  
176 59.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

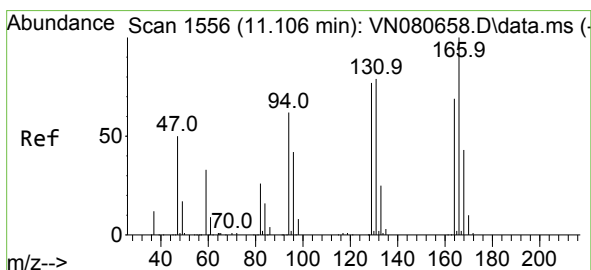
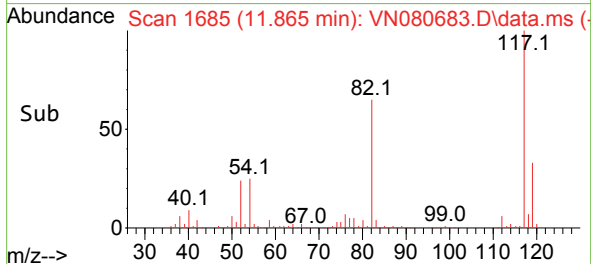
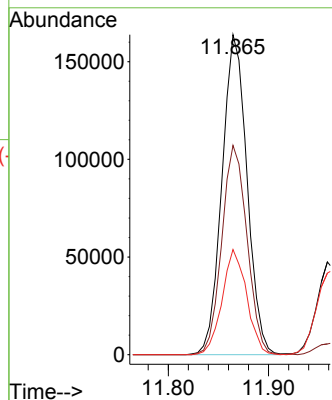
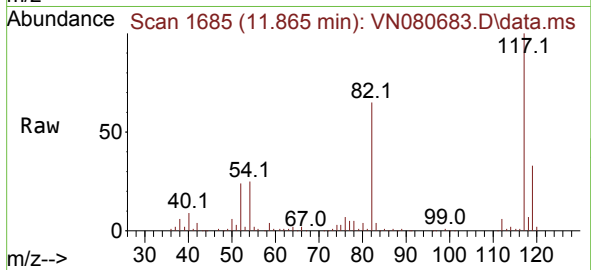
Tgt Ion:117 Resp: 284324

Ion Ratio Lower Upper

117 100

82 65.4 44.0 66.0

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 50.058 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Tgt Ion:164 Resp: 97742

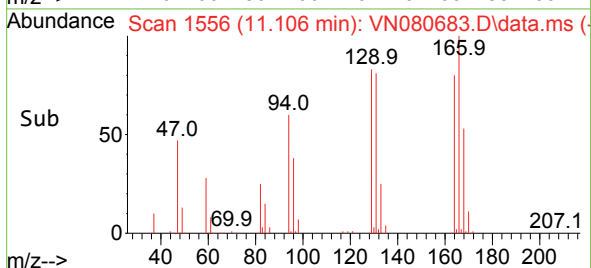
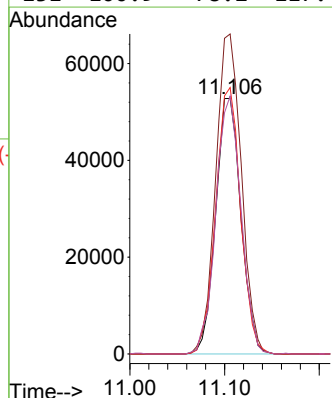
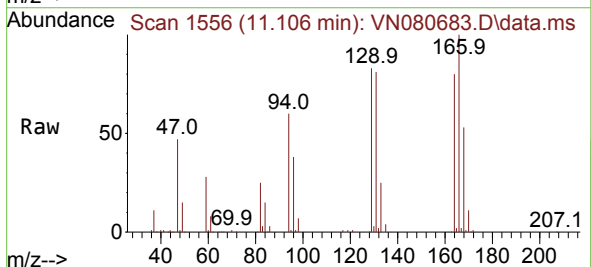
Ion Ratio Lower Upper

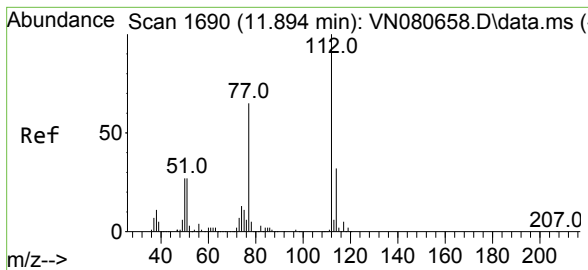
164 100

166 125.3 101.4 152.0

129 104.3 82.4 123.6

131 100.9 78.2 117.4

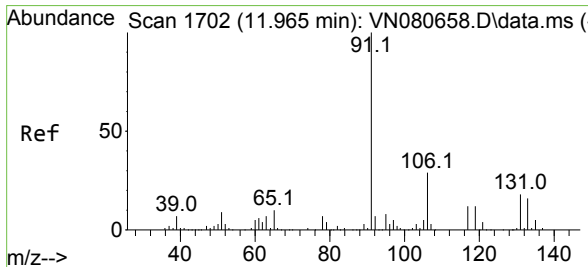
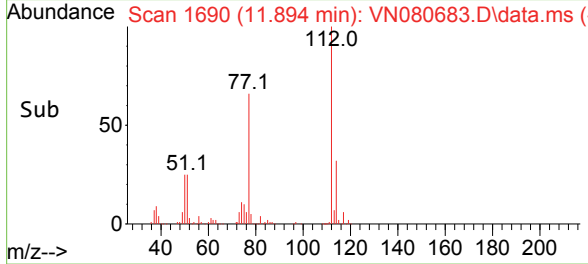
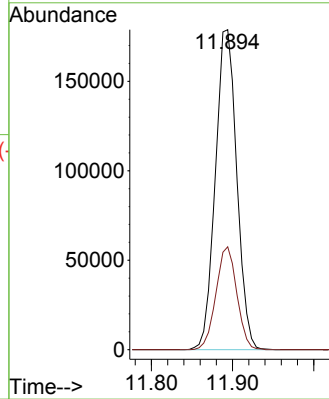
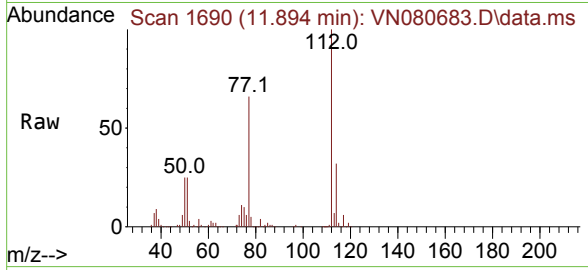




#65  
Chlorobenzene  
Concen: 52.785 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

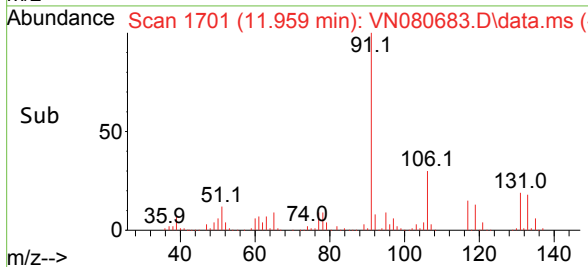
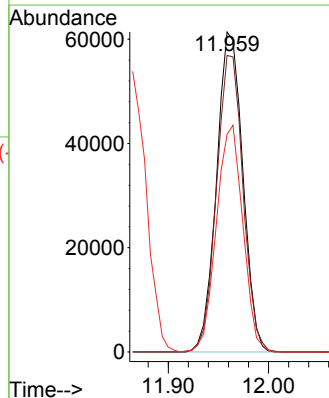
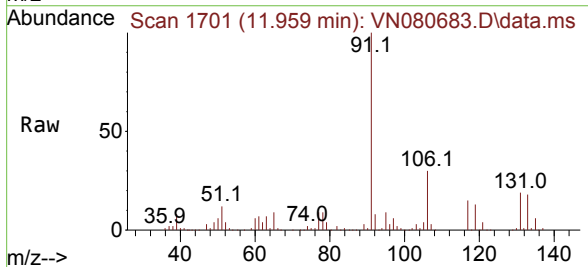
Instrument :  
MSVOA\_N  
ClientSampleId :

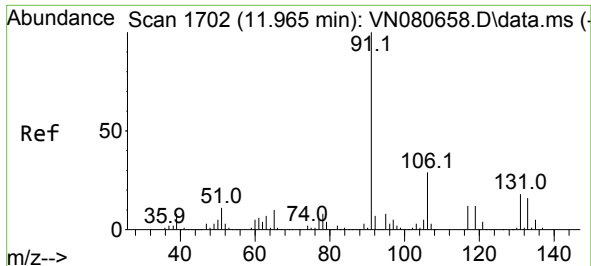
Tgt Ion:112 Resp: 327893  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.494 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:131 Resp: 111364  
Ion Ratio Lower Upper  
131 100  
133 93.4 46.4 139.1  
119 71.7 34.1 102.2

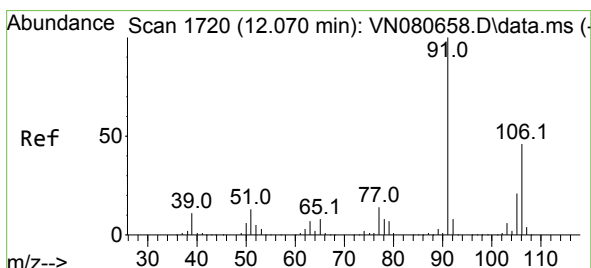
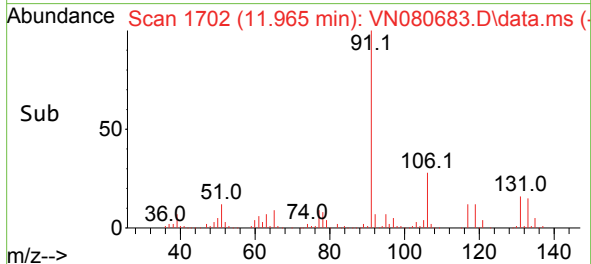
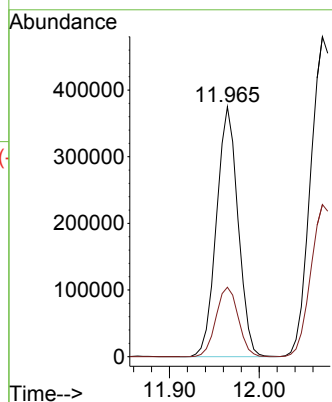
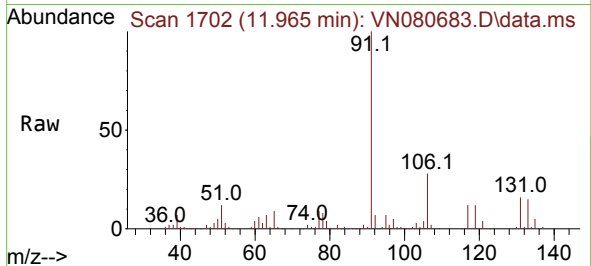




#67  
Ethyl Benzene  
Concen: 52.712 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

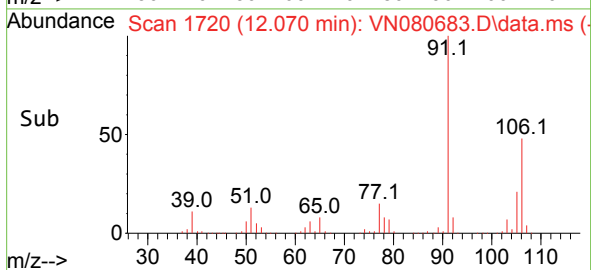
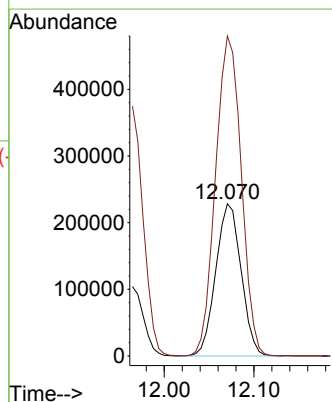
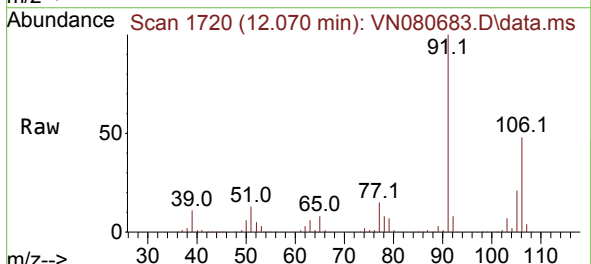
Instrument :  
MSVOA\_N  
ClientSampleId :

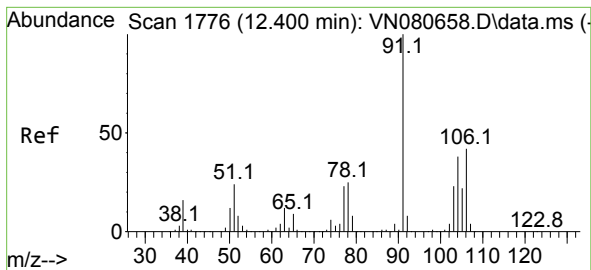
Tgt Ion: 91 Resp: 625255  
Ion Ratio Lower Upper  
91 100  
106 27.8 25.6 38.4



#68  
m/p-Xylenes  
Concen: 107.256 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:106 Resp: 447278  
Ion Ratio Lower Upper  
106 100  
91 214.0 159.6 239.4

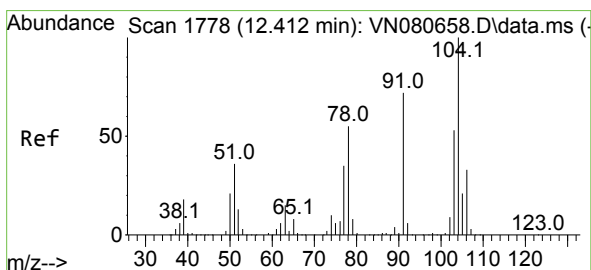
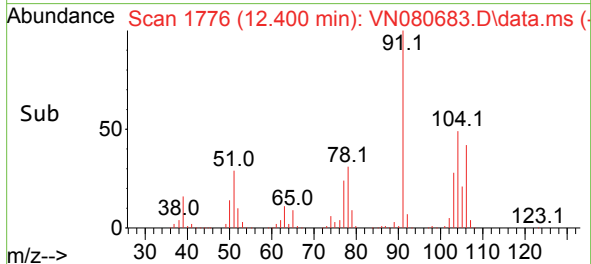
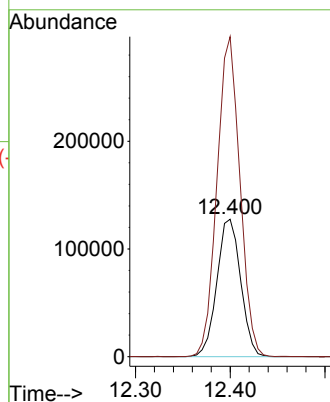
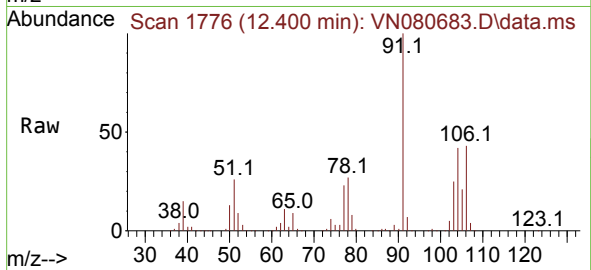




#69  
o-Xylene  
Concen: 54.621 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

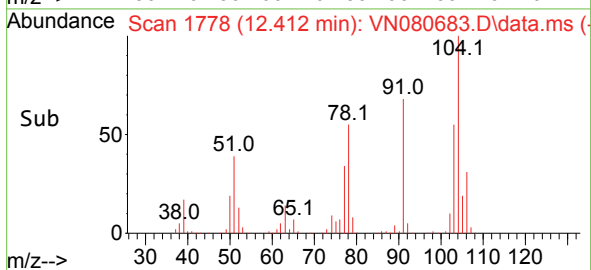
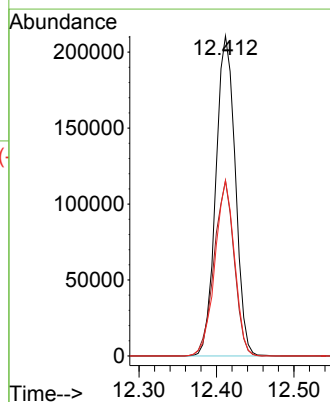
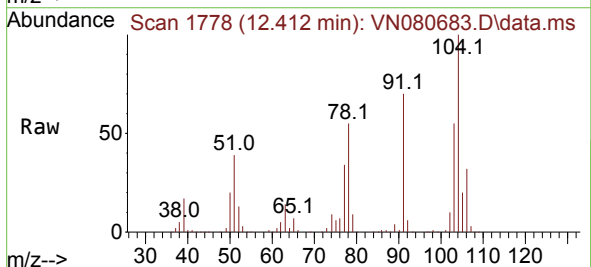
Instrument :  
MSVOA\_N  
ClientSampleId :

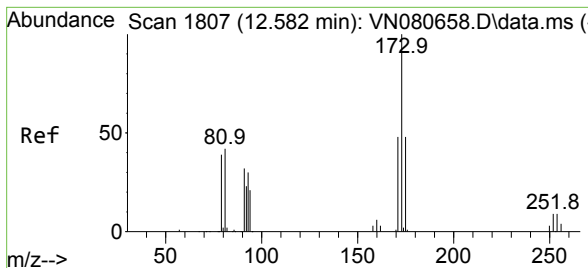
Tgt Ion:106 Resp: 222713  
Ion Ratio Lower Upper  
106 100  
91 224.6 105.2 315.5



#70  
Styrene  
Concen: 53.085 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:104 Resp: 367553  
Ion Ratio Lower Upper  
104 100  
78 56.4 39.5 59.3  
103 55.2 43.2 64.8





#71

Bromoform

Concen: 49.709 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080683.D

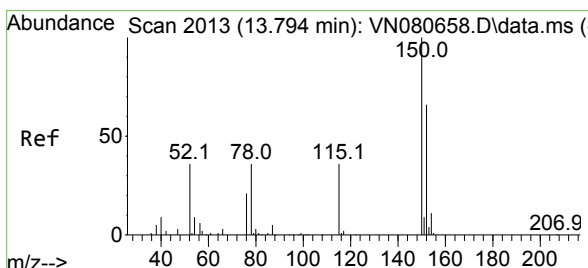
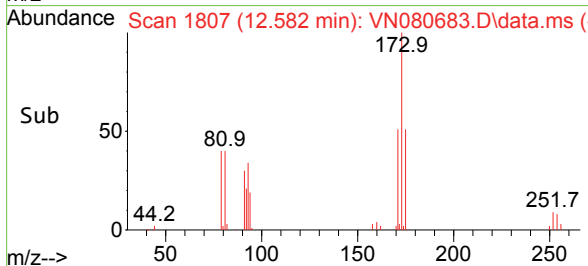
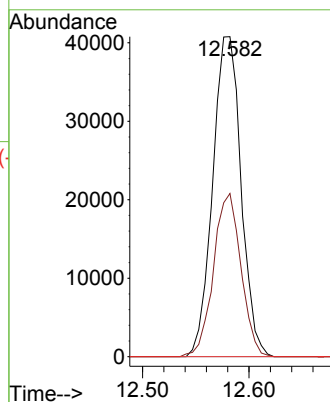
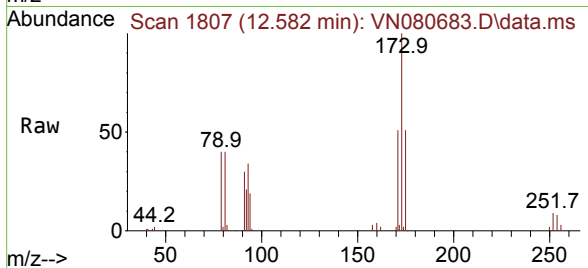
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 75425 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.4  | 24.3  | 73.0  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

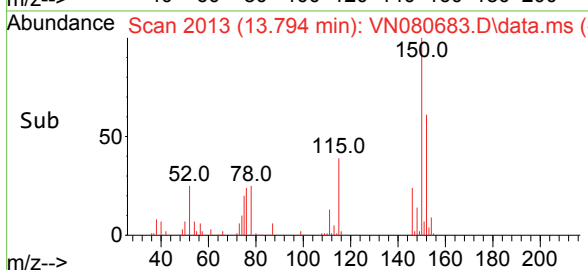
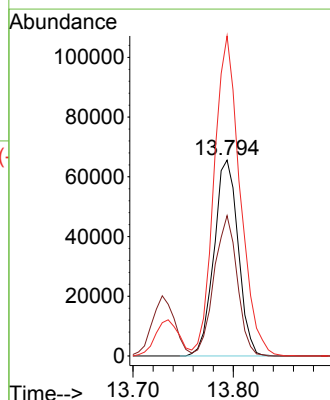
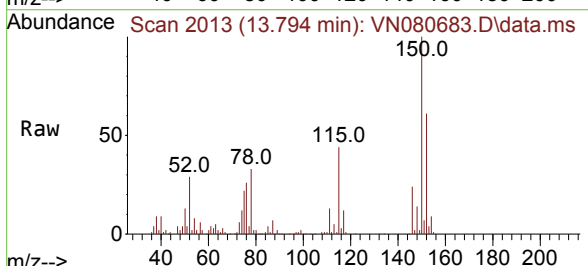
RT: 13.794 min Scan# 2013

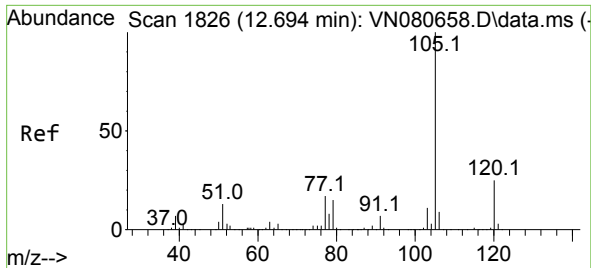
Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

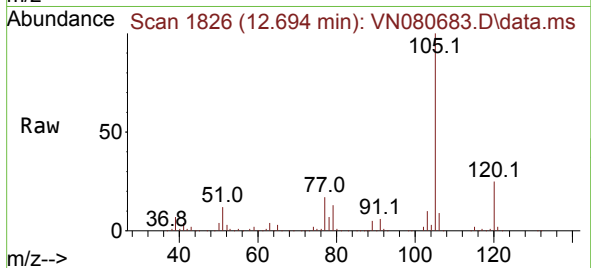
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 109668 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 68.7  | 32.3  | 96.8   |
| 150       | 175.8 | 0.0   | 355.8  |



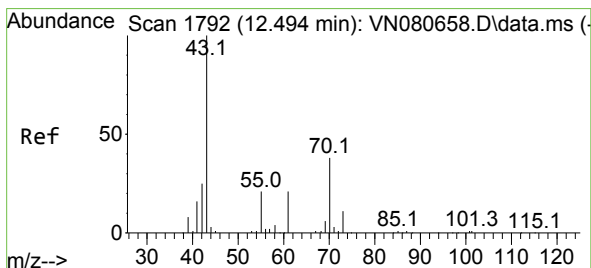
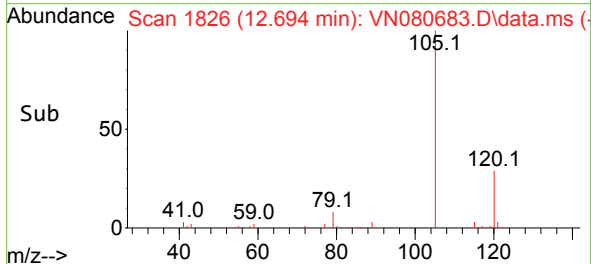
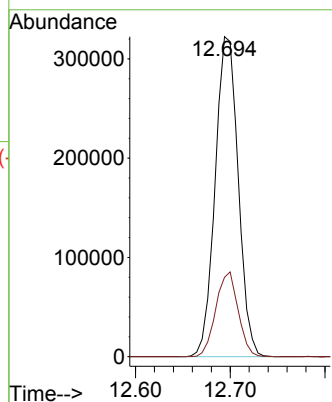


#73  
Isopropylbenzene  
Concen: 52.256 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

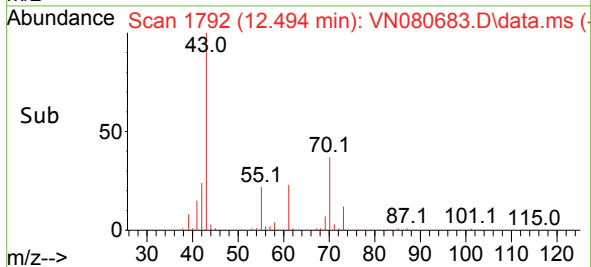
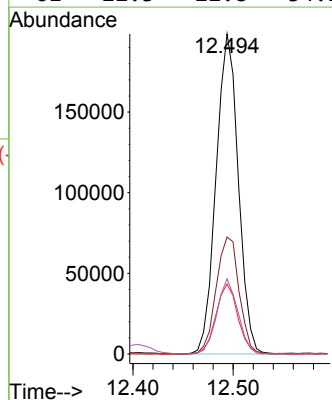
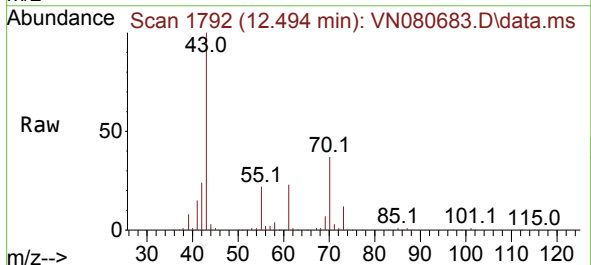


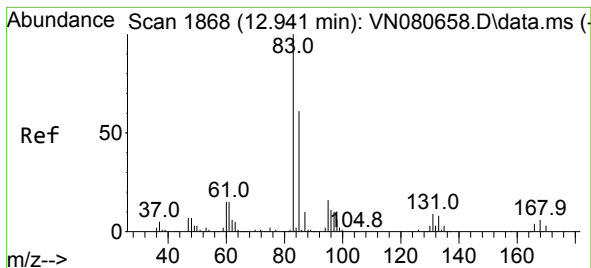
Tgt Ion:105 Resp: 544955  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.1 39.1



#74  
N-ethyl acetate  
Concen: 48.802 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 43 Resp: 305424  
Ion Ratio Lower Upper  
43 100  
70 37.7 43.4 65.2#  
55 21.7 21.4 32.0  
61 22.3 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.576 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

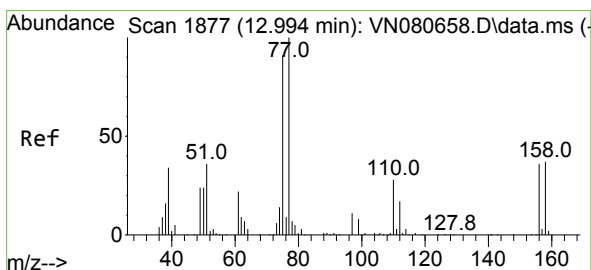
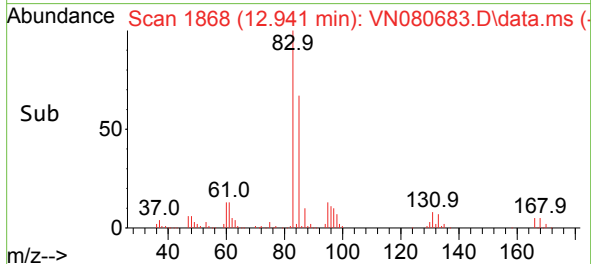
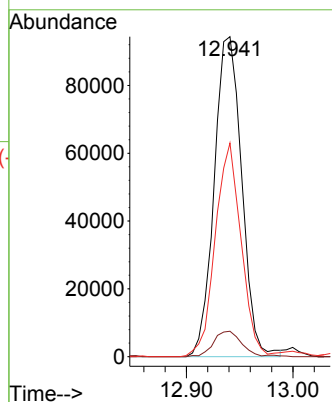
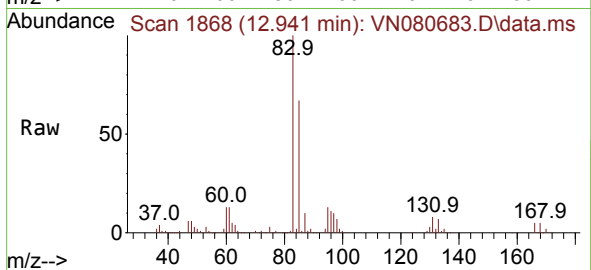
Tgt Ion: 83 Resp: 169596

Ion Ratio Lower Upper

83 100

131 8.3 5.0 15.0

85 62.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 69.123 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080683.D

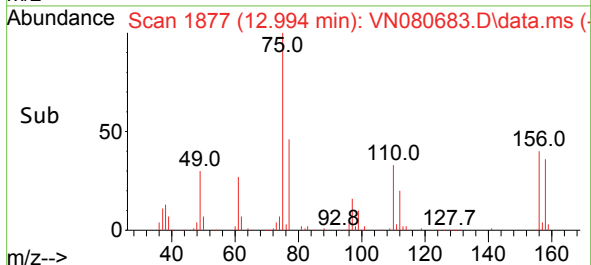
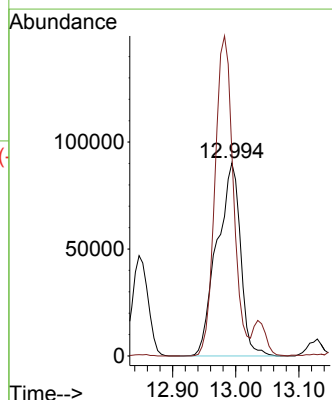
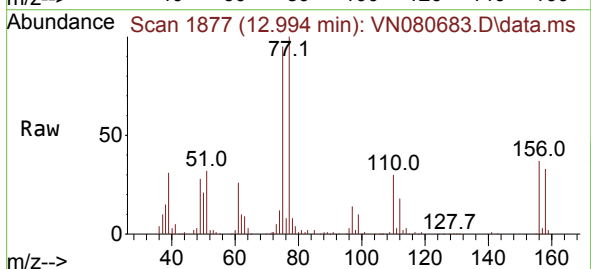
Acq: 12 Jan 2024 12:13

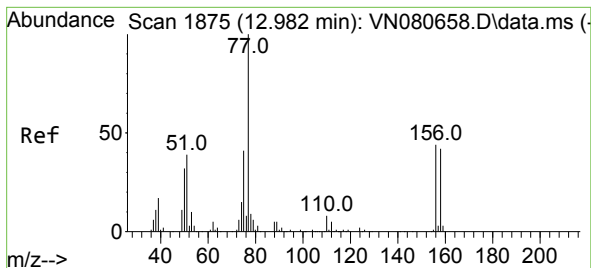
Tgt Ion: 75 Resp: 233753

Ion Ratio Lower Upper

75 100

77 129.5 84.5 253.5





#77

Bromobenzene

Concen: 50.231 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

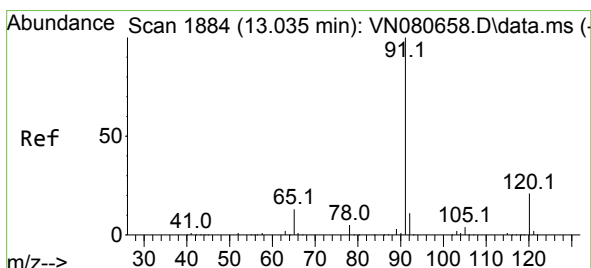
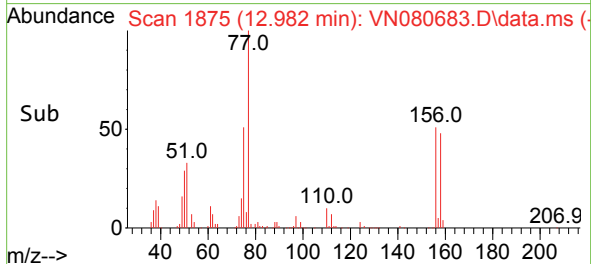
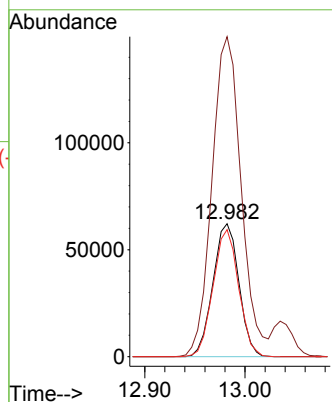
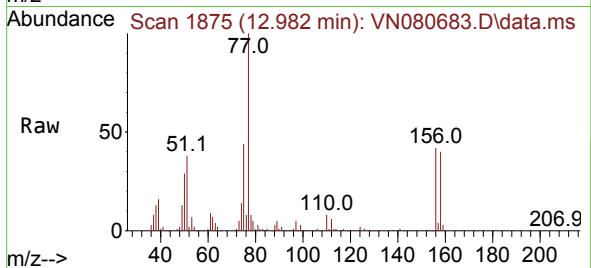
Tgt Ion:156 Resp: 111262

Ion Ratio Lower Upper

156 100

77 272.0 107.7 323.3

158 94.4 48.4 145.3



#78

n-propylbenzene

Concen: 52.134 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080683.D

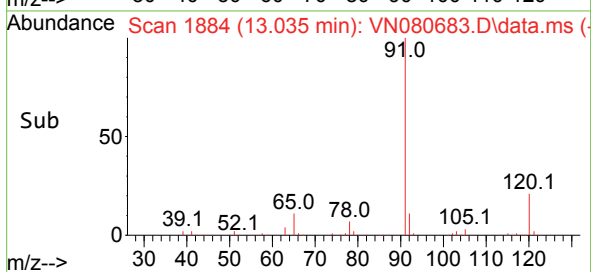
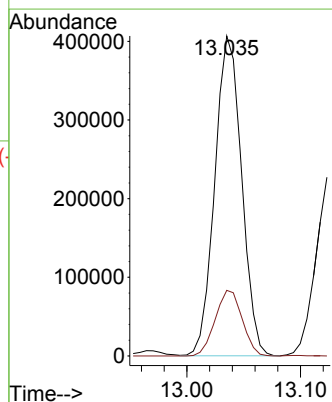
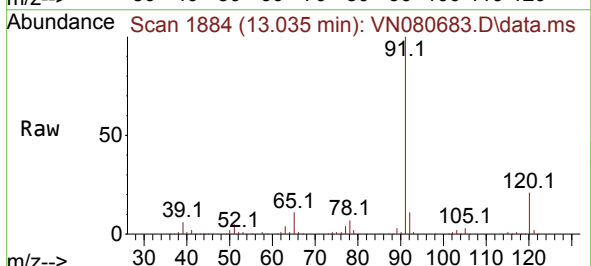
Acq: 12 Jan 2024 12:13

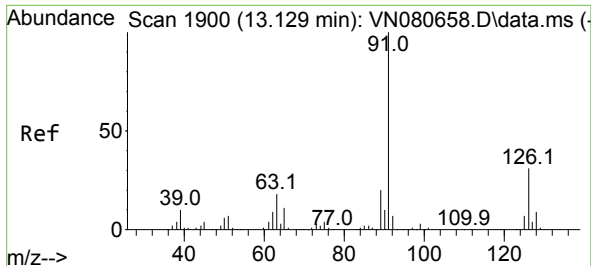
Tgt Ion: 91 Resp: 666948

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4

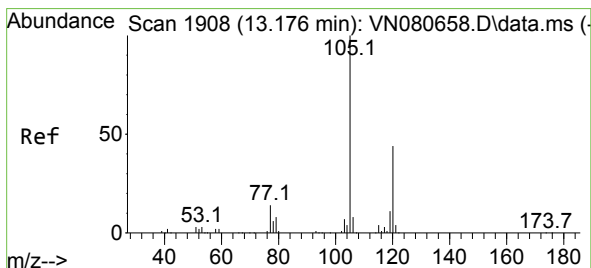
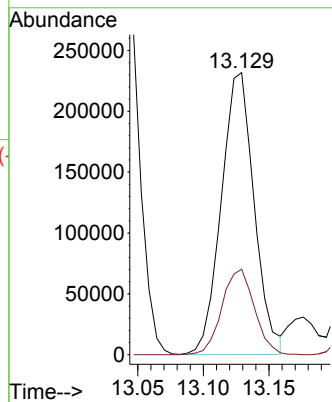
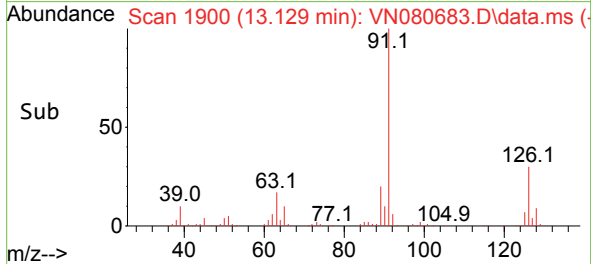
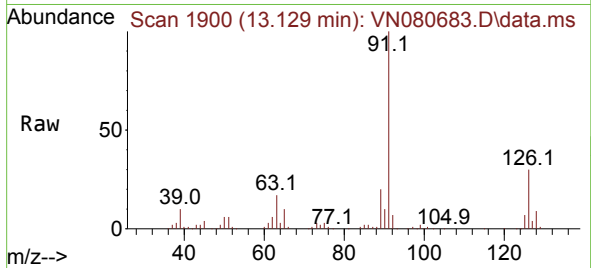




#79  
2-Chlorotoluene  
Concen: 49.347 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

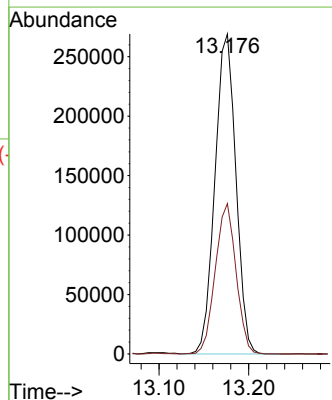
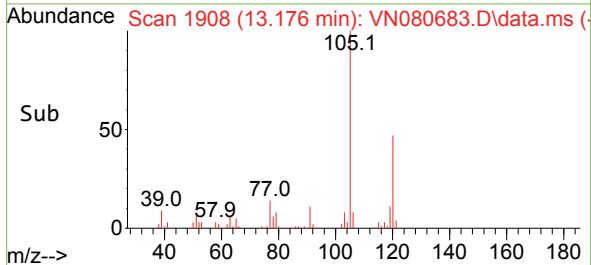
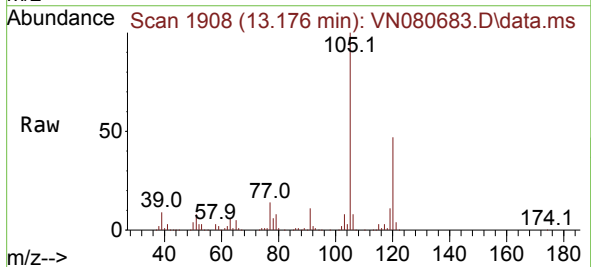
Instrument :  
MSVOA\_N  
ClientSampleId :

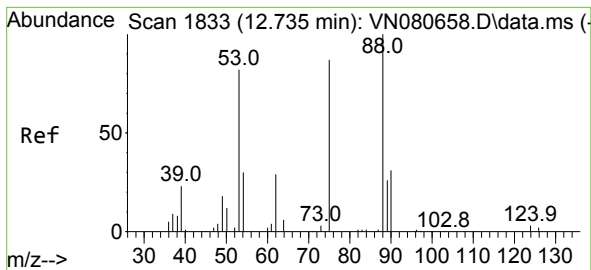
Tgt Ion: 91 Resp: 404577  
Ion Ratio Lower Upper  
91 100  
126 29.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 50.203 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 105 Resp: 436323  
Ion Ratio Lower Upper  
105 100  
120 46.5 24.1 72.3

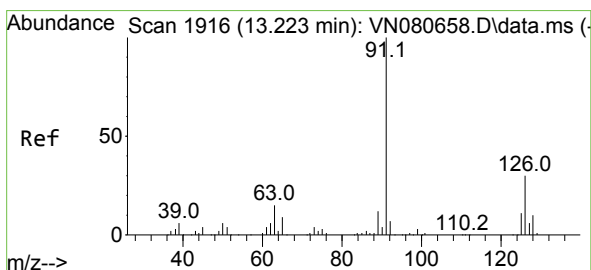
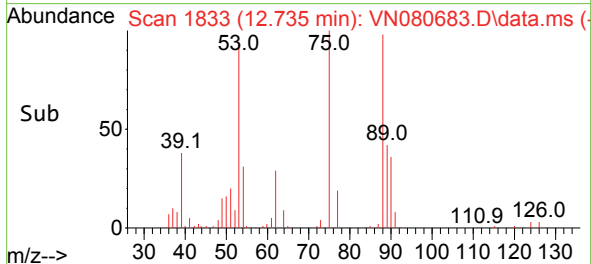
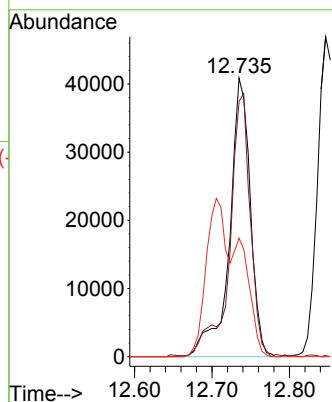
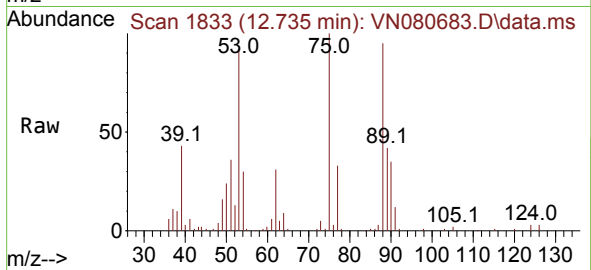




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.350 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

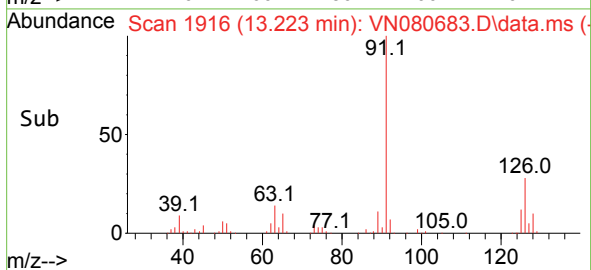
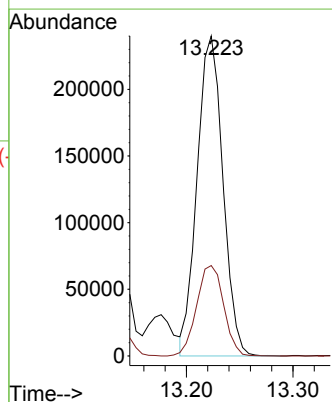
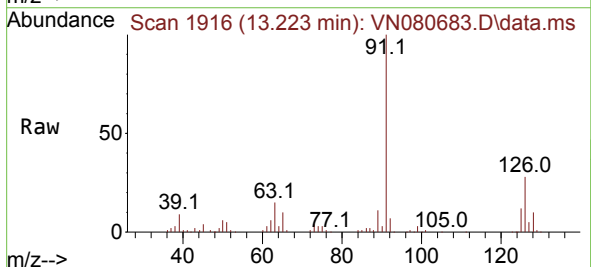
Instrument :  
MSVOA\_N  
ClientSampleId :

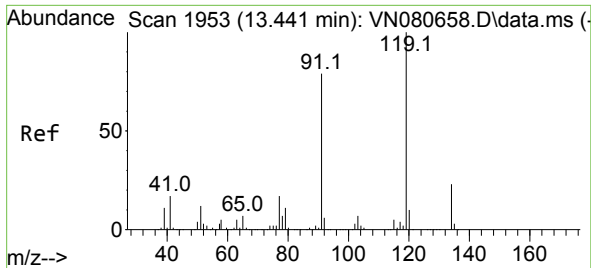
Tgt Ion: 75 Resp: 76531  
Ion Ratio Lower Upper  
75 100  
53 94.0 67.4 101.2  
89 0.0 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 50.354 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

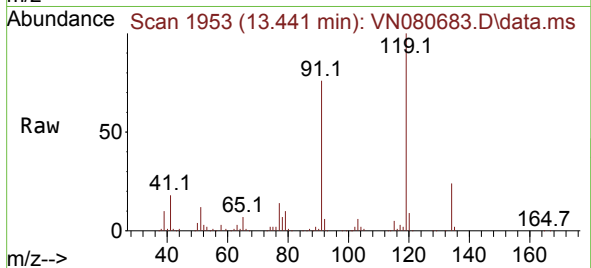
Tgt Ion: 91 Resp: 404718  
Ion Ratio Lower Upper  
91 100  
126 29.6 16.7 50.0



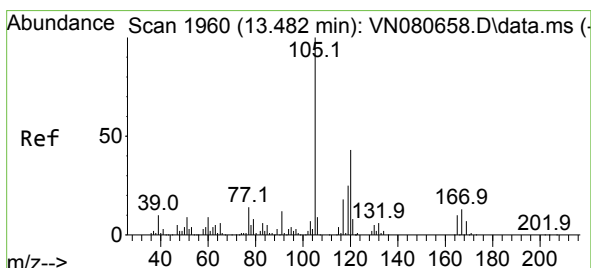
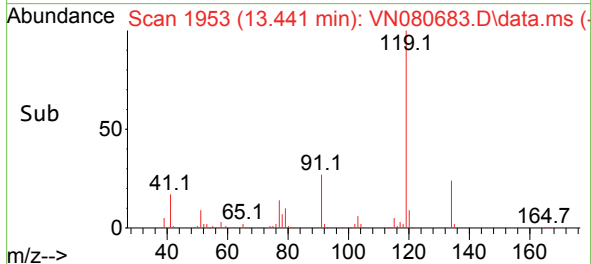
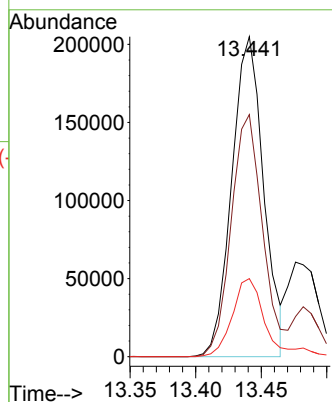


#83  
 tert-Butylbenzene  
 Concen: 49.887 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :

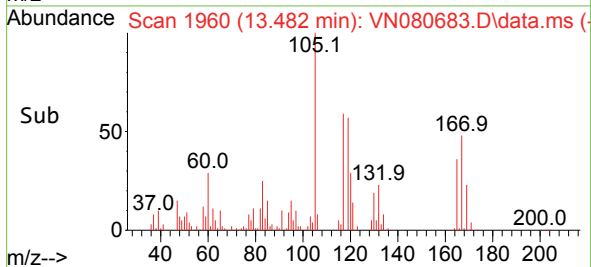
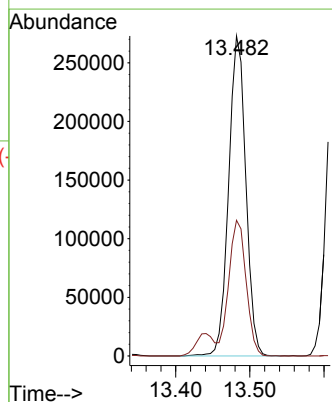
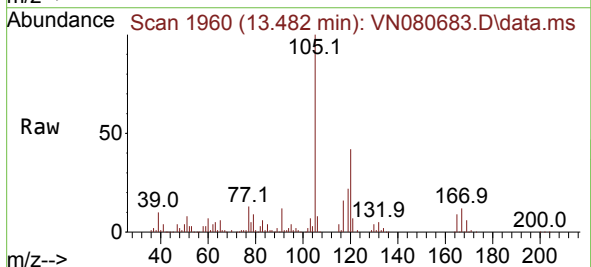


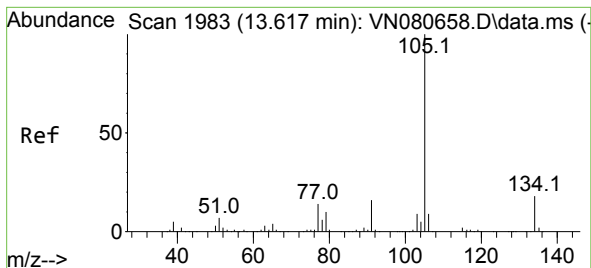
Tgt Ion:119 Resp: 346618  
 Ion Ratio Lower Upper  
 119 100  
 91 75.5 33.9 101.7  
 134 25.5 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.251 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

Tgt Ion:105 Resp: 437994  
 Ion Ratio Lower Upper  
 105 100  
 120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.083 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

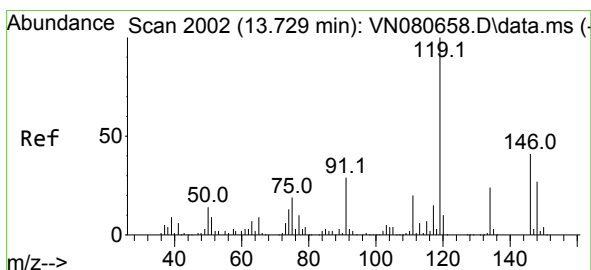
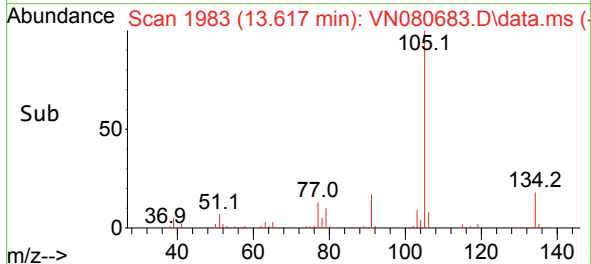
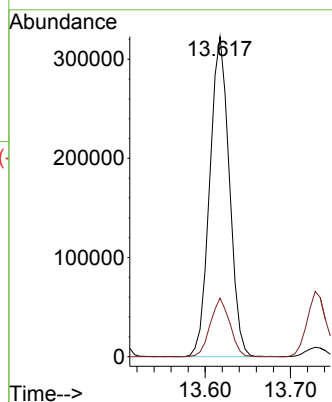
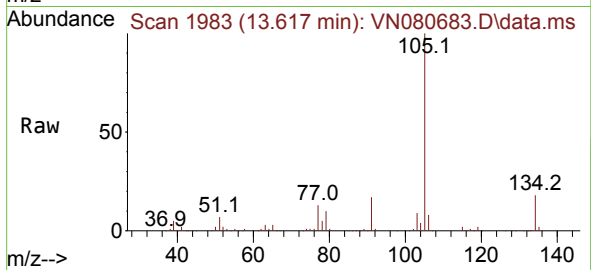
ClientSampleId :

Tgt Ion:105 Resp: 514163

Ion Ratio Lower Upper

105 100

134 18.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.759 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

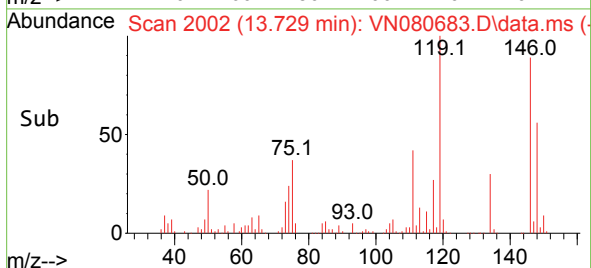
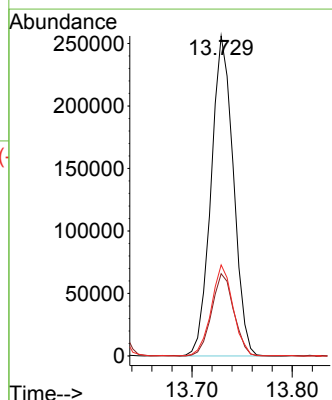
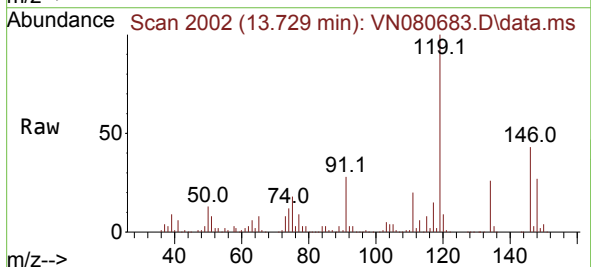
Tgt Ion:119 Resp: 395753

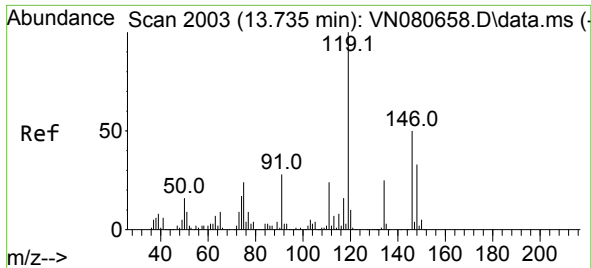
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 27.5 12.4 37.2

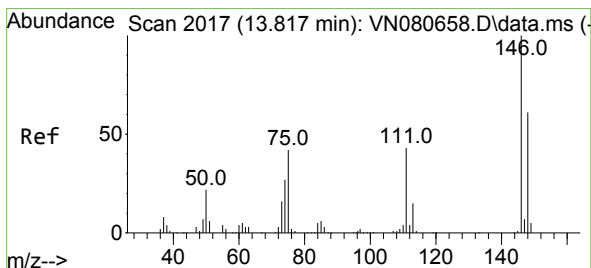
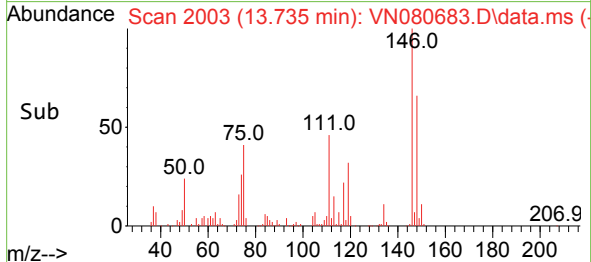
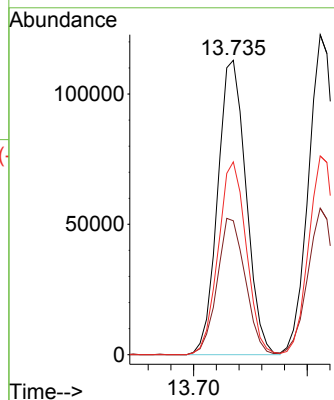
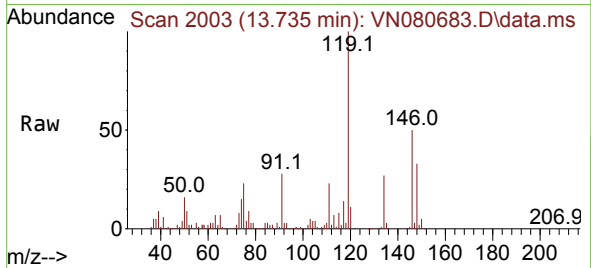




#87  
1,3-Dichlorobenzene  
Concen: 49.581 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

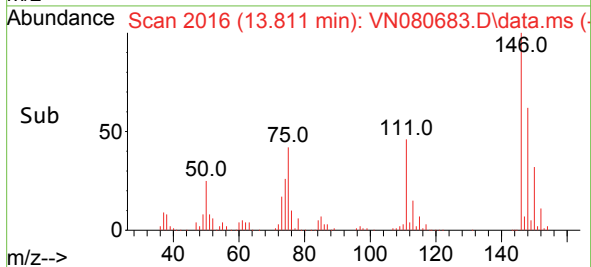
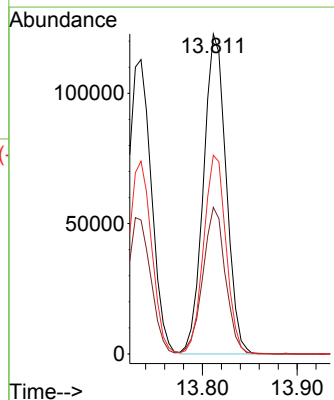
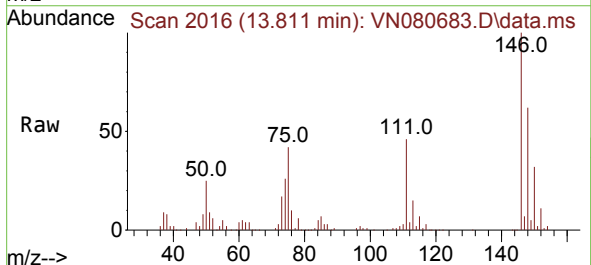
Instrument :  
MSVOA\_N  
ClientSampleId :

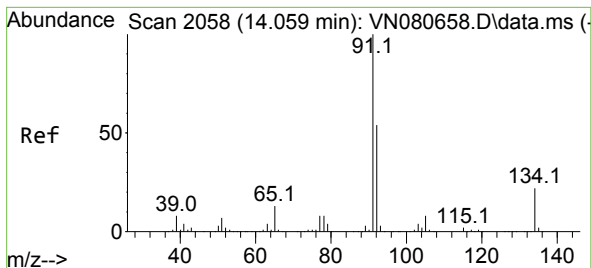
Tgt Ion:146 Resp: 196156  
Ion Ratio Lower Upper  
146 100  
111 45.8 22.1 66.3  
148 64.8 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 50.710 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:146 Resp: 204384  
Ion Ratio Lower Upper  
146 100  
111 45.6 20.6 61.8  
148 61.2 31.6 94.8





#89

n-Butylbenzene

Concen: 53.008 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA\_N

ClientSampleId :

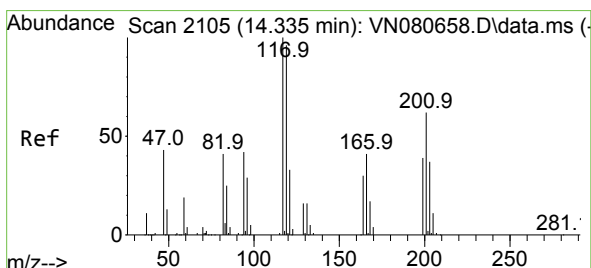
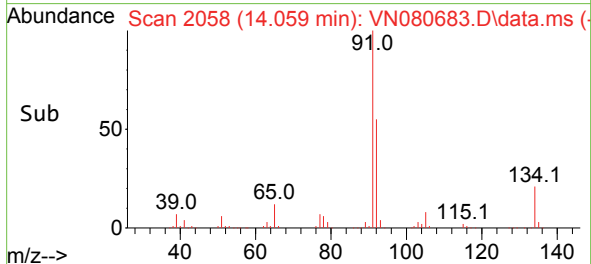
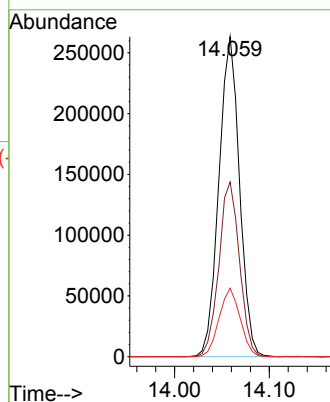
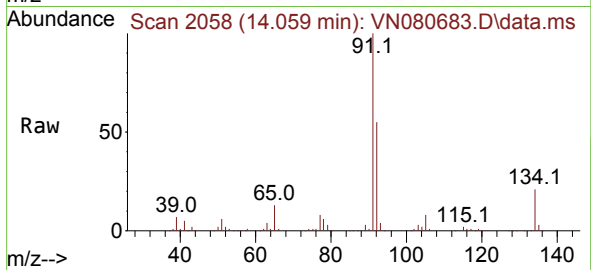
Tgt Ion: 91 Resp: 398364

Ion Ratio Lower Upper

91 100

92 54.5 26.4 79.0

134 21.9 12.6 37.6



#90

Hexachloroethane

Concen: 49.559 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080683.D

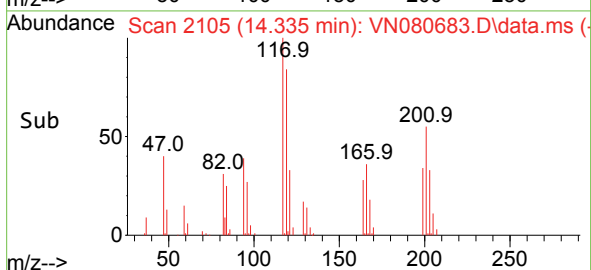
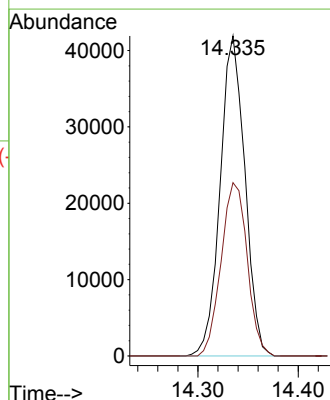
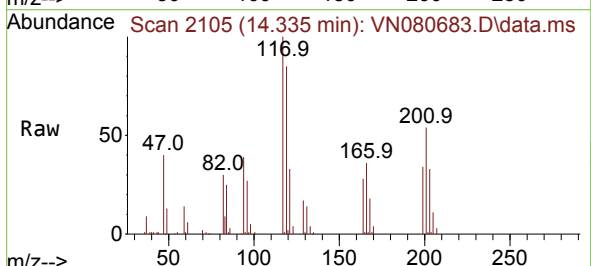
Acq: 12 Jan 2024 12:13

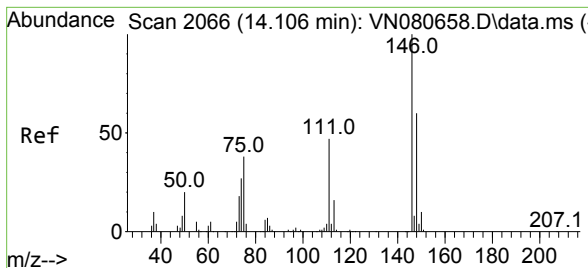
Tgt Ion: 117 Resp: 71659

Ion Ratio Lower Upper

117 100

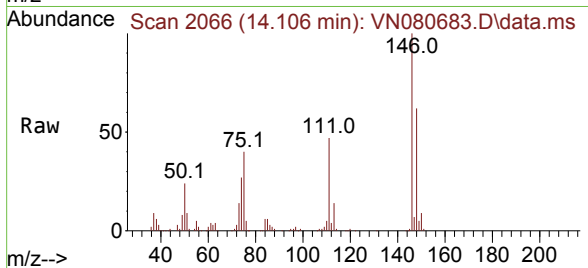
201 57.1 29.3 88.0



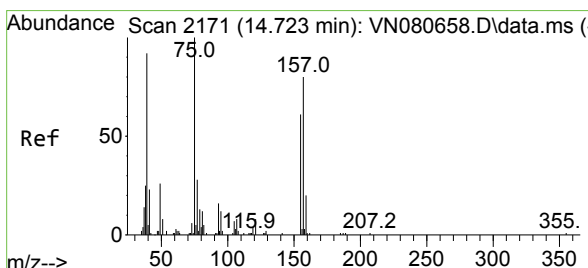
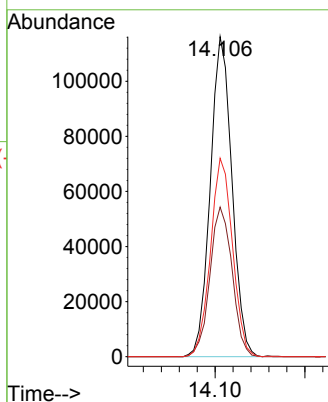
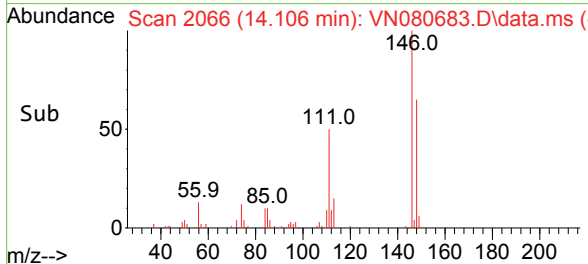


#91  
1,2-Dichlorobenzene  
Concen: 52.118 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

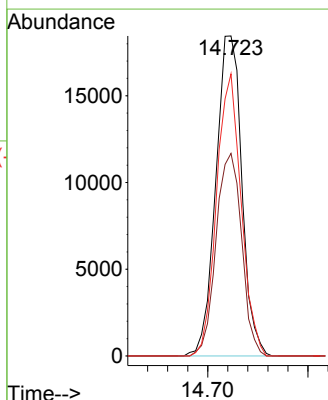
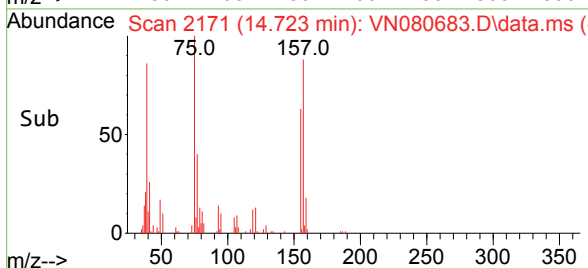
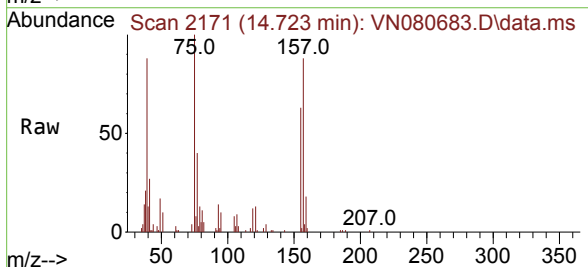


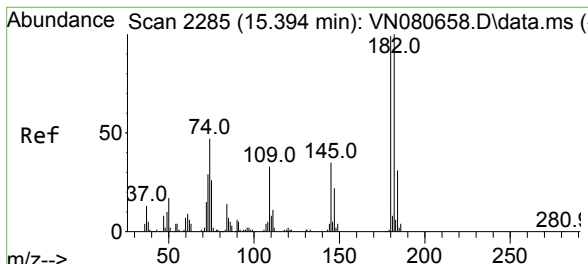
Tgt Ion:146 Resp: 194301  
Ion Ratio Lower Upper  
146 100  
111 48.0 22.0 66.0  
148 63.2 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 42.336 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion: 75 Resp: 33193  
Ion Ratio Lower Upper  
75 100  
155 62.3 39.1 117.2  
157 83.2 50.3 150.9

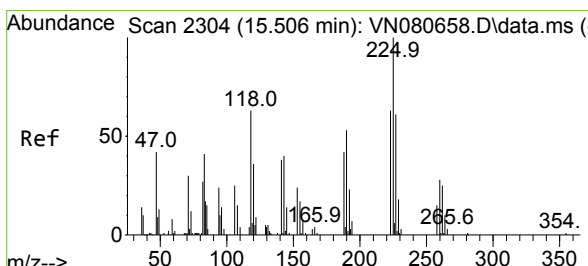
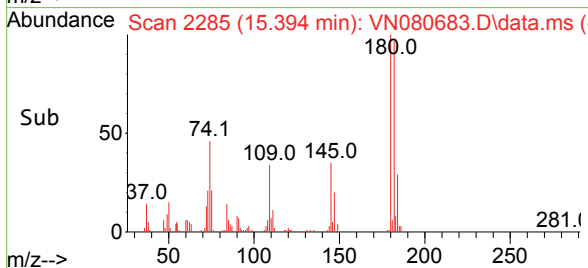
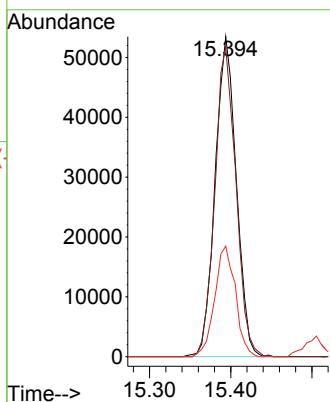
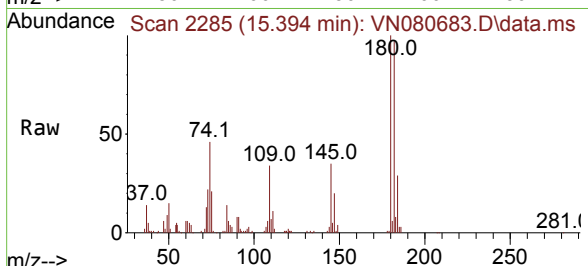




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.855 ug/l  
 RT: 15.394 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

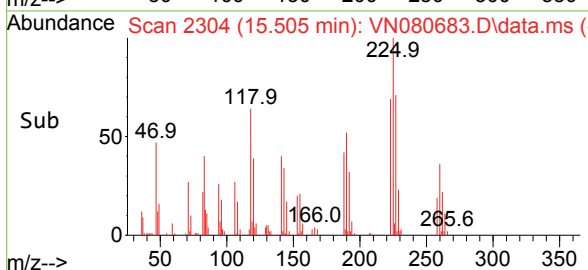
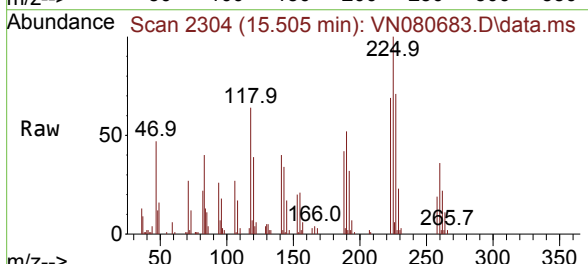
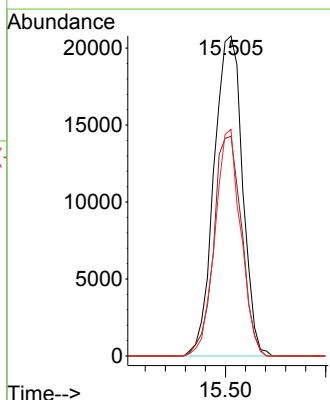
Instrument :  
 MSVOA\_N  
 ClientSampleId :

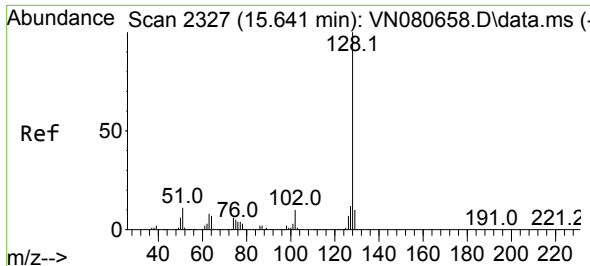
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 96798 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.5  | 46.1  | 138.2 |
| 145       | 33.9  | 16.6  | 49.8  |



#94  
 Hexachlorobutadiene  
 Concen: 43.940 ug/l  
 RT: 15.505 min Scan# 2304  
 Delta R.T. -0.001 min  
 Lab File: VN080683.D  
 Acq: 12 Jan 2024 12:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 40943 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 67.0  | 31.3  | 93.8  |
| 227       | 63.9  | 31.9  | 95.9  |

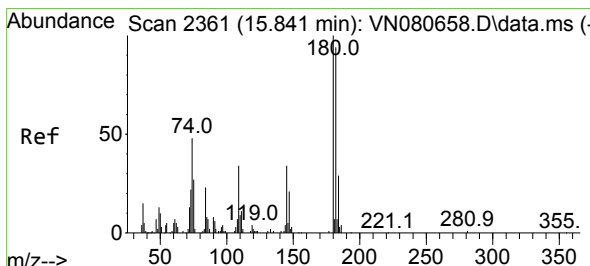
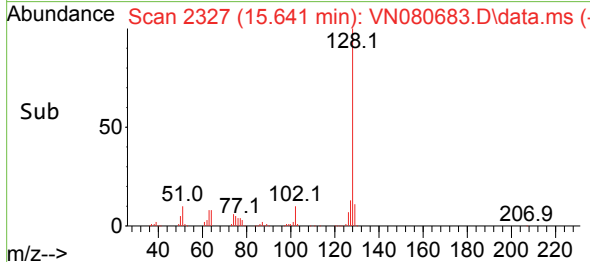
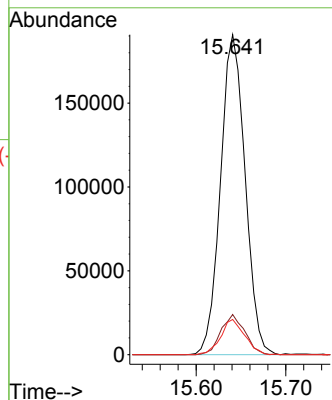
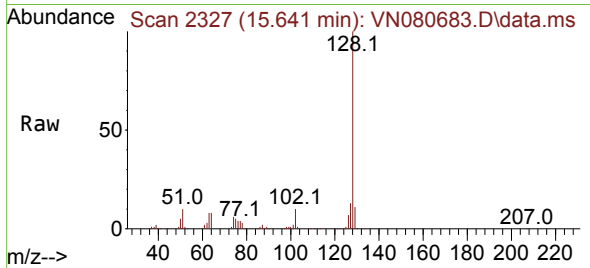




#95  
Naphthalene  
Concen: 47.511 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 363046  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.0 15.0  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 48.540 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN080683.D  
Acq: 12 Jan 2024 12:13

Tgt Ion:180 Resp: 91225  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.2 138.6  
145 35.8 17.5 52.6

