

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071224\  
 Data File : VN082892.D  
 Acq On : 12 Jul 2024 12:05  
 Operator : JC\MD  
 Sample : VN0712WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

Quant Time: Jul 15 01:08:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 131327   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 221724   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 203194   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 93409    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 95709    | 51.989   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.980% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 73756    | 51.841   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.680% |      |
| 50) Toluene-d8              | 10.565 | 98    | 269406   | 51.268   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.540% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 89415    | 47.370   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 94.740%  |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 32235  | 18.959 | ug/l   | 94  |
| 3) Chloromethane             | 2.365 | 50  | 28380  | 17.601 | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.518 | 62  | 28017  | 16.544 | ug/l   | 96  |
| 5) Bromomethane              | 2.959 | 94  | 18652  | 15.276 | ug/l   | 95  |
| 6) Chloroethane              | 3.124 | 64  | 20768  | 17.921 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 40622  | 16.678 | ug/l   | 96  |
| 8) Diethyl Ether             | 3.959 | 74  | 13918  | 16.697 | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 25553  | 18.537 | ug/l   | 97  |
| 10) Methyl Iodide            | 4.589 | 142 | 21154  | 14.968 | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 25411  | 82.068 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 22322  | 16.650 | ug/l   | 85  |
| 13) Acrolein                 | 4.183 | 56  | 21276  | 95.174 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 40826  | 19.531 | ug/l   | 89  |
| 15) Acrylonitrile            | 5.724 | 53  | 65671  | 92.288 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 53732  | 82.901 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.718 | 76  | 69218  | 17.278 | ug/l   | 99  |
| 18) Methyl Acetate           | 5.030 | 43  | 32136  | 18.738 | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 83318  | 18.017 | ug/l   | 95  |
| 20) Methylene Chloride       | 5.277 | 84  | 29155  | 18.626 | ug/l   | 84  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 25664  | 17.667 | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.677 | 45  | 86506  | 19.781 | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.606 | 43  | 340151 | 97.946 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 52364  | 19.740 | ug/l   | 97  |
| 25) 2-Butanone               | 7.488 | 43  | 88181  | 90.103 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 46367  | 18.800 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 30887  | 18.162 | ug/l   | 91  |
| 28) Bromochloromethane       | 7.818 | 49  | 25342  | 22.270 | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 58621  | 95.145 | ug/l   | 89  |
| 30) Chloroform               | 7.971 | 83  | 55143  | 19.595 | ug/l   | 99  |
| 31) Cyclohexane              | 8.259 | 56  | 42347  | 17.595 | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 49561  | 18.969 | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 37029  | 18.877 | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 36899  | 18.476 | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 42737  | 18.095 | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.600 | 83  | 35949  | 16.966 | ug/l   | 96  |
| 40) Benzene                  | 8.606 | 78  | 115209 | 19.094 | ug/l   | 99  |

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 Sample : VN0712WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

Quant Time: Jul 15 01:08:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 13:46:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 19412    | 18.042  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 42261    | 19.455  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 65141    | 15.236  | ug/l # | 93       |
| 44) Trichloroethene           | 9.353  | 130  | 27218    | 17.607  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 27583    | 19.580  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 21092    | 19.219  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 43319    | 19.104  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 28502    | 18.201  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 11617    | 336.077 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 188412   | 95.164  | ug/l   | 94       |
| 52) Toluene                   | 10.629 | 92   | 72266    | 19.173  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 42352    | 18.130  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 45756    | 18.505  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 26831    | 19.358  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 40592    | 18.824  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 46808    | 19.079  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 106449   | 96.204  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 139634   | 94.860  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 33169    | 18.789  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 27289    | 18.540  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 26944    | 17.773  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.888 | 112  | 78741    | 18.084  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 28046    | 18.109  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 128958   | 17.622  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 99287    | 35.937  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 46478    | 17.557  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 80648    | 18.438  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 22073    | 18.122  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 117180   | 17.264  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 51337    | 18.285  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 38300    | 18.841  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 50644    | 31.448  | ug/l   | 43       |
| 77) Bromobenzene              | 12.982 | 156  | 30588    | 17.468  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 136220   | 17.455  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 87636    | 17.624  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 98161    | 17.891  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 15396    | 18.802  | ug/l   | 85       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 86804    | 17.637  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 81473    | 16.750  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 99242    | 17.747  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 113031   | 17.196  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 90507    | 16.504  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 54645    | 17.275  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 54765    | 16.741  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 75726    | 16.118  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 19365    | 16.688  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 52418    | 17.067  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 8114     | 17.253  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 25757    | 15.569  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 11825    | 16.124  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 82673    | 14.590  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 25749    | 15.137  | ug/l   | 98       |

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Sample : VN0712WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Quant Time: Jul 15 01:08:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 13:46:04 2024  
Response via : Initial Calibration

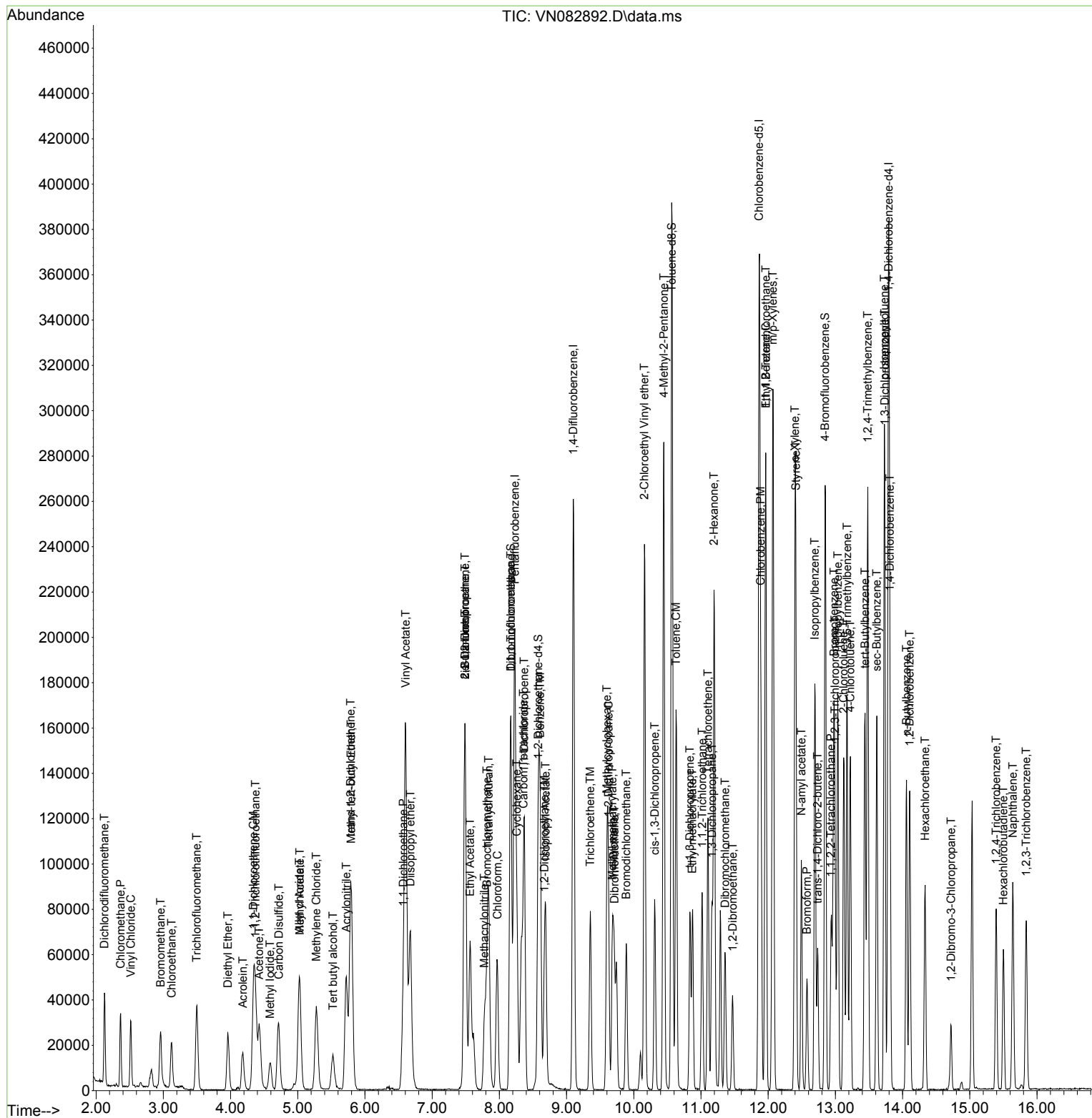
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

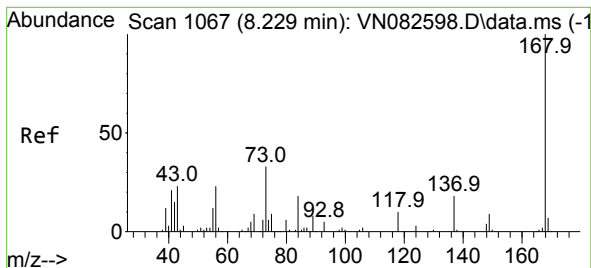
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 Sample : VN0712WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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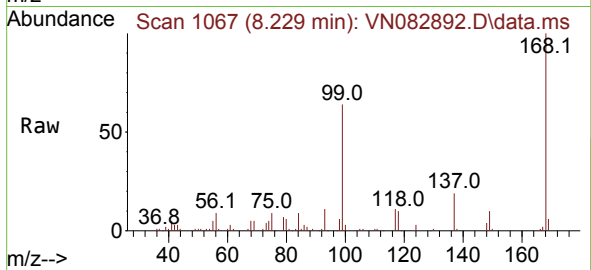
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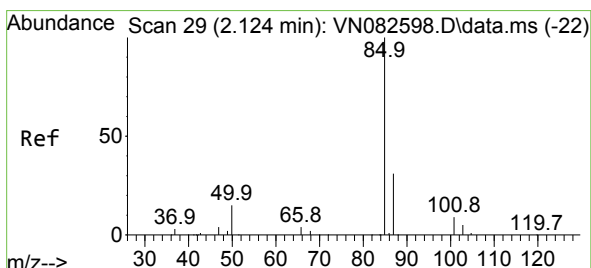
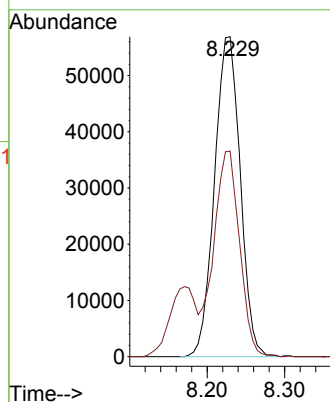
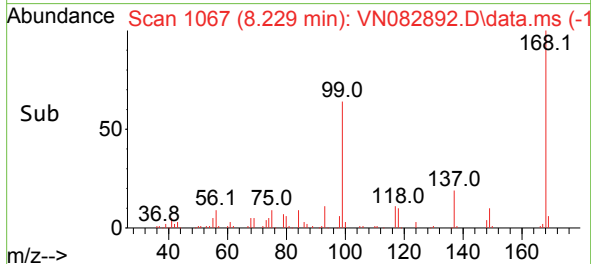


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Instrument :  
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ClientSampleId :  
VN0712WBS01

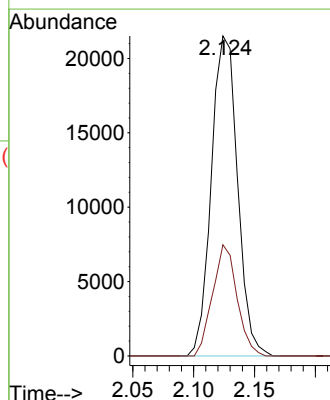
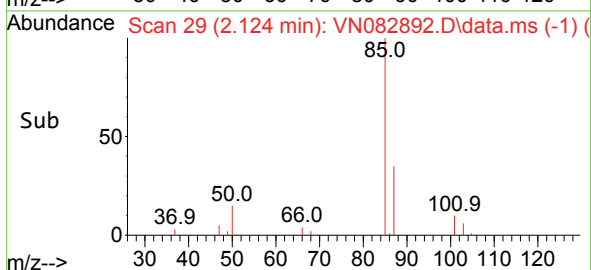
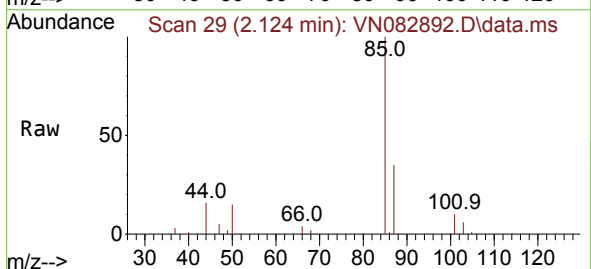


Tgt Ion:168 Resp: 131327  
Ion Ratio Lower Upper  
168 100  
99 64.3 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 18.959 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 85 Resp: 32235  
Ion Ratio Lower Upper  
85 100  
87 34.7 15.7 47.0

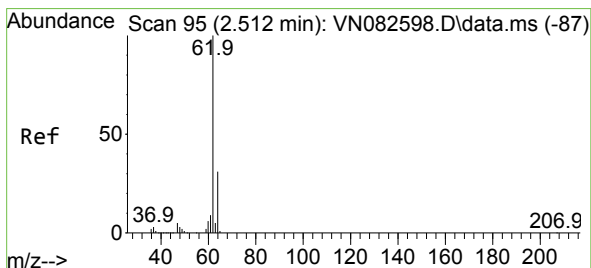
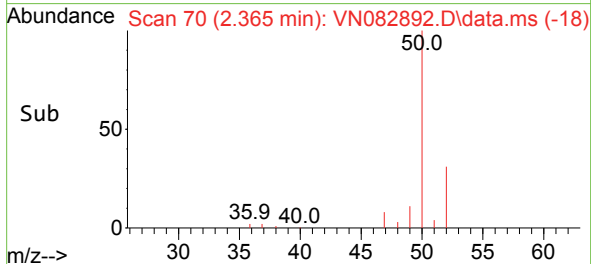
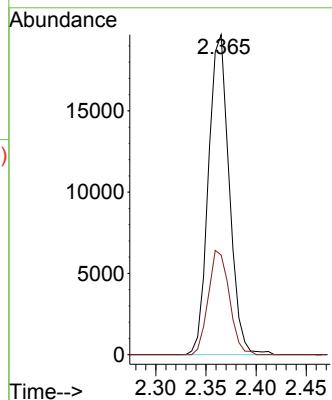
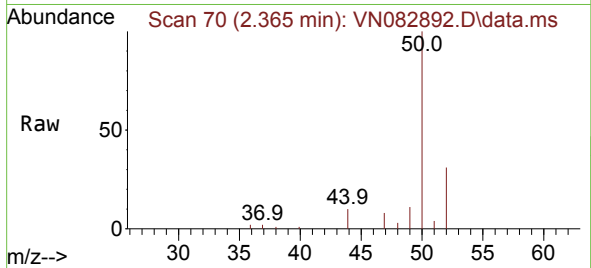




#3  
Chloromethane  
Concen: 17.601 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

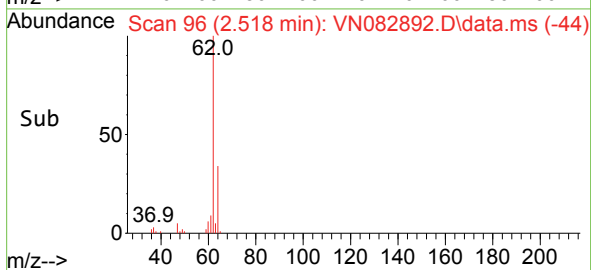
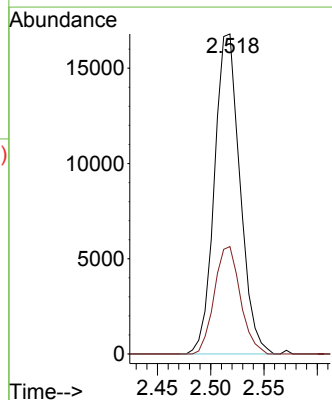
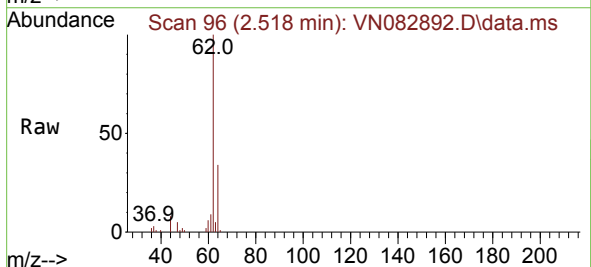
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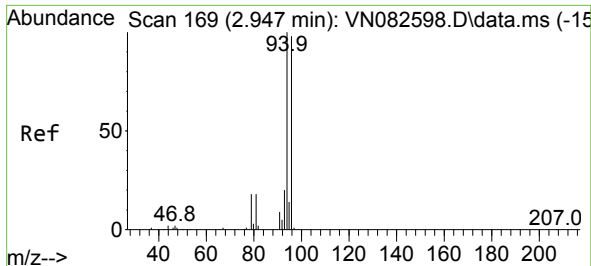
Tgt Ion: 50 Resp: 28380  
Ion Ratio Lower Upper  
50 100  
52 31.1 25.0 37.4



#4  
Vinyl Chloride  
Concen: 16.544 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 62 Resp: 28017  
Ion Ratio Lower Upper  
62 100  
64 33.6 25.0 37.6

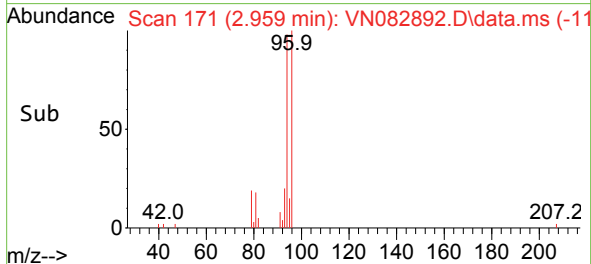
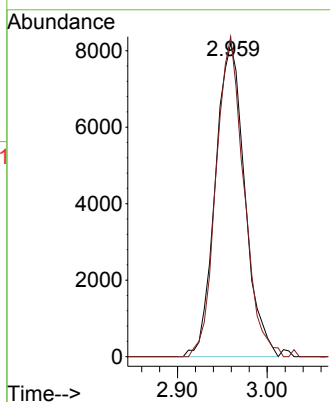
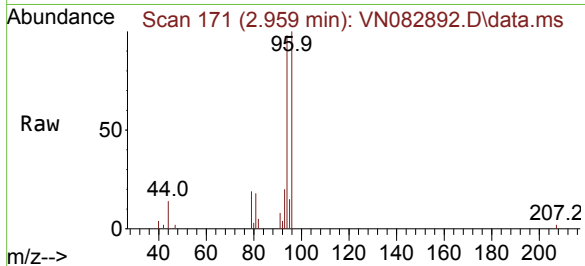




#5  
Bromomethane  
Concen: 15.276 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

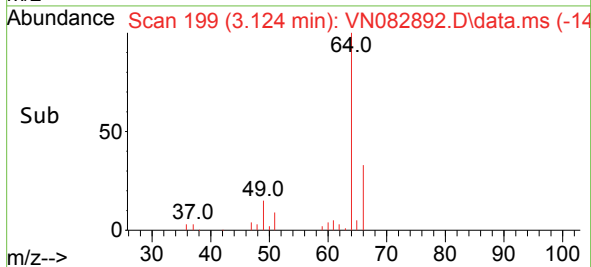
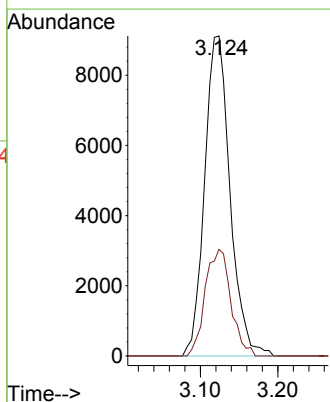
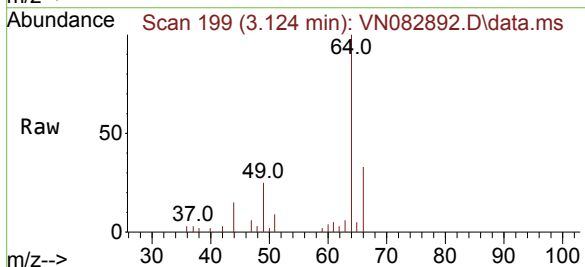
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 94 Resp: 18652  
Ion Ratio Lower Upper  
94 100  
96 102.1 78.0 117.0



#6  
Chloroethane  
Concen: 17.921 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.012 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 64 Resp: 20768  
Ion Ratio Lower Upper  
64 100  
66 33.3 26.6 40.0

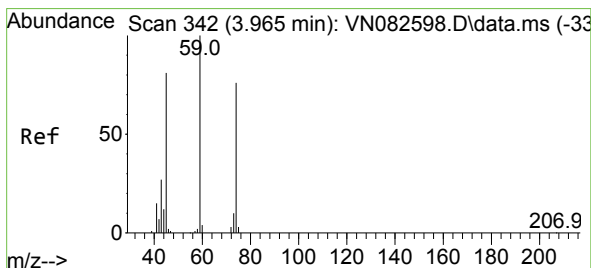
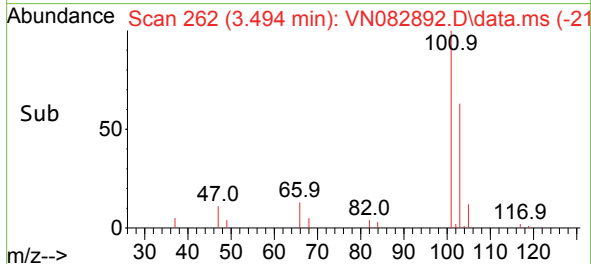
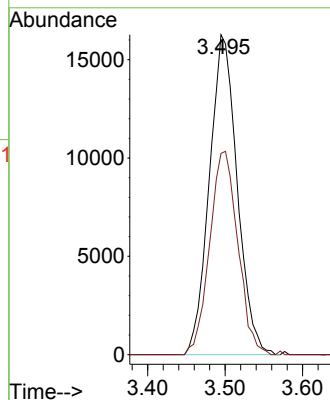
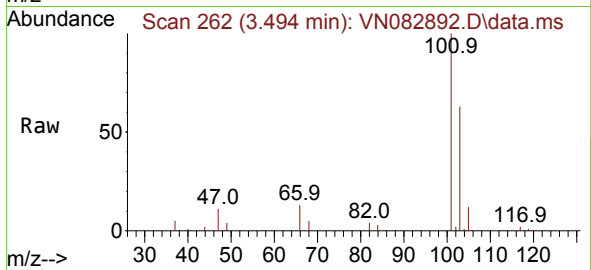




#7  
Trichlorofluoromethane  
Concen: 16.678 ug/l  
RT: 3.494 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

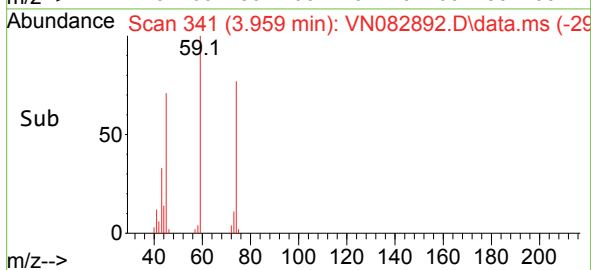
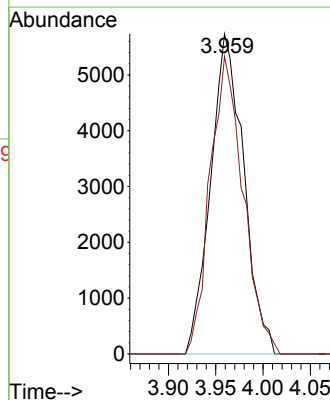
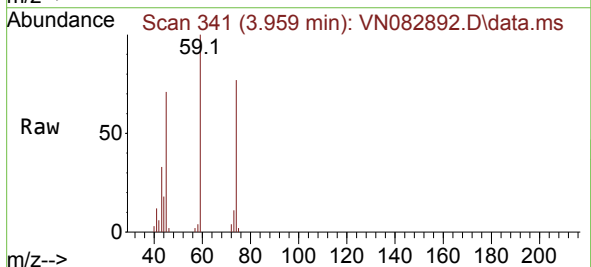
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

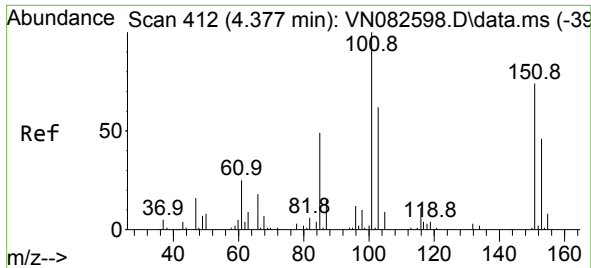
Tgt Ion:101 Resp: 40622  
Ion Ratio Lower Upper  
101 100  
103 62.9 52.7 79.1



#8  
Diethyl Ether  
Concen: 16.697 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 74 Resp: 13918  
Ion Ratio Lower Upper  
74 100  
45 92.8 55.5 166.3

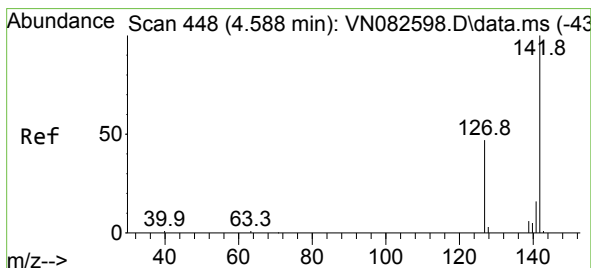
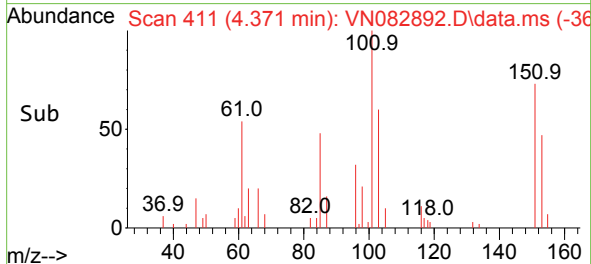
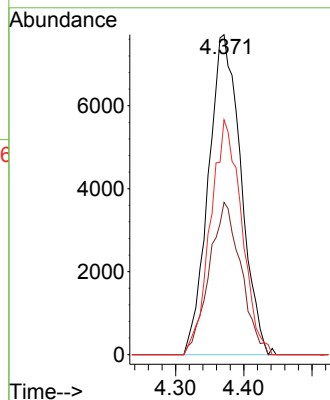
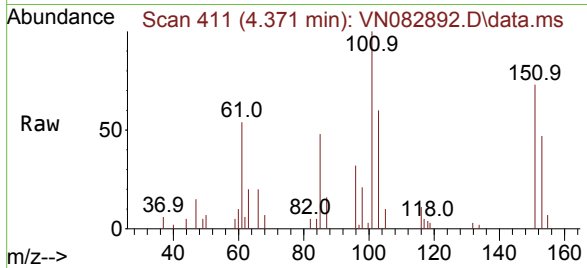




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.537 ug/l  
RT: 4.371 min Scan# 412  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

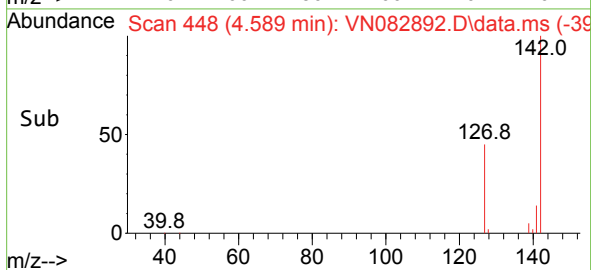
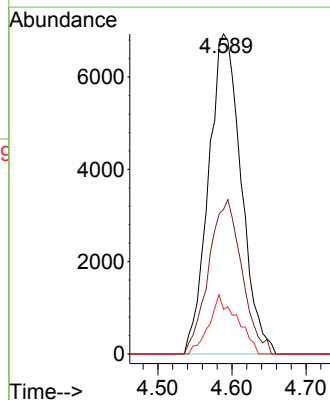
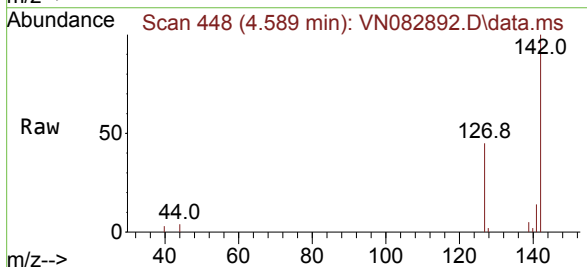
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

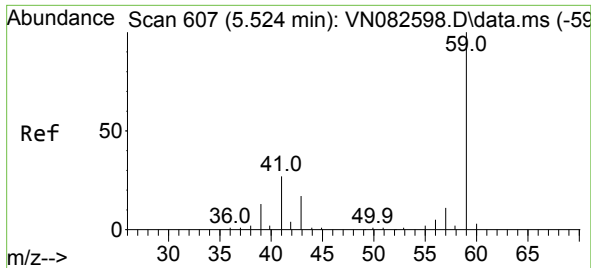
Tgt Ion:101 Resp: 25553  
Ion Ratio Lower Upper  
101 100  
85 46.5 38.3 57.5  
151 70.4 59.3 88.9



#10  
Methyl Iodide  
Concen: 14.968 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.001 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion:142 Resp: 21154  
Ion Ratio Lower Upper  
142 100  
127 45.2 37.5 56.3  
141 13.9 13.1 19.7

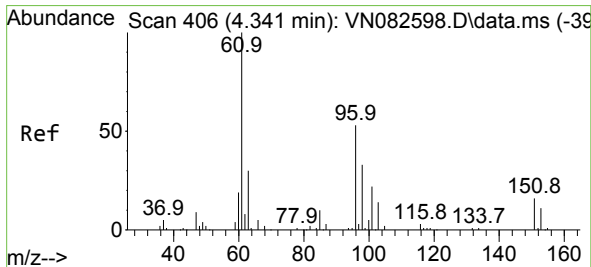
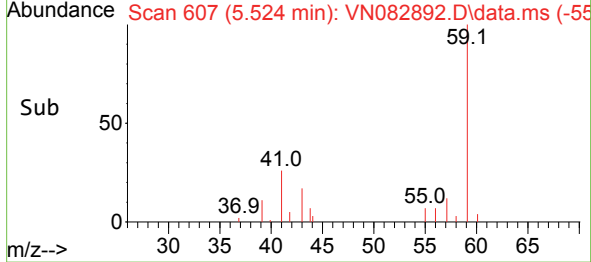
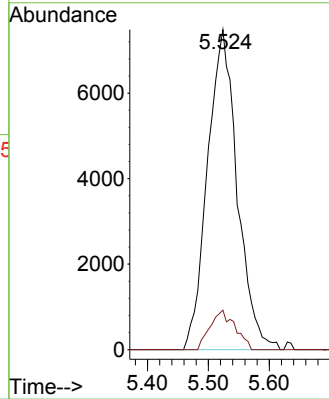
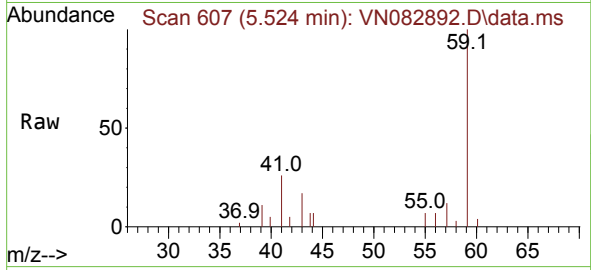




#11  
Tert butyl alcohol  
Concen: 82.068 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

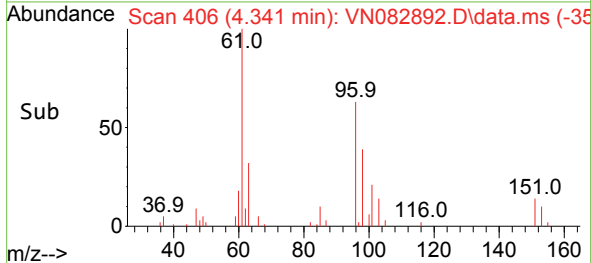
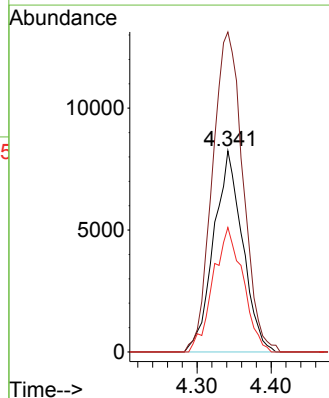
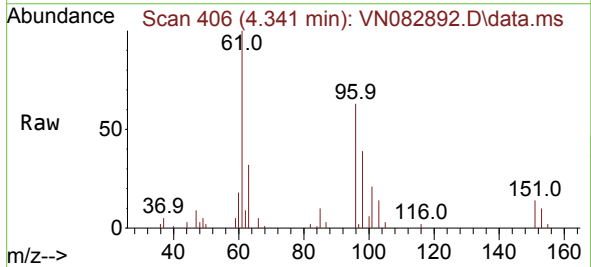
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 59 Resp: 25411  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 16.650 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 96 Resp: 22322  
Ion Ratio Lower Upper  
96 100  
61 159.1 149.7 224.5  
98 61.9 50.1 75.1





#13

Acrolein

Concen: 95.174 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

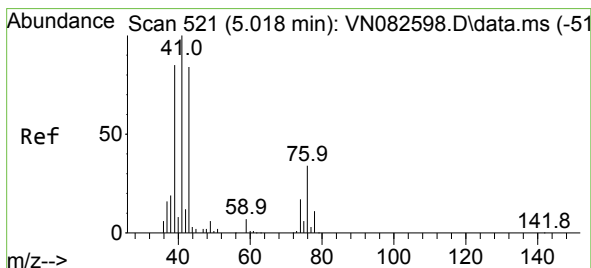
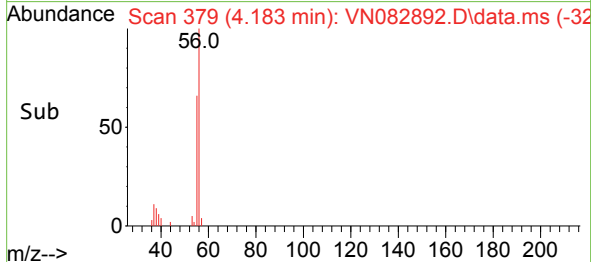
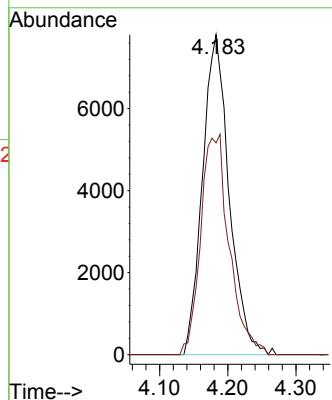
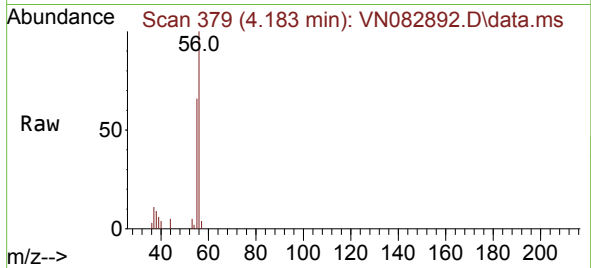
VN0712WBS01

Tgt Ion: 56 Resp: 21276

Ion Ratio Lower Upper

56 100

55 73.3 56.4 84.6



#14

Allyl chloride

Concen: 19.531 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

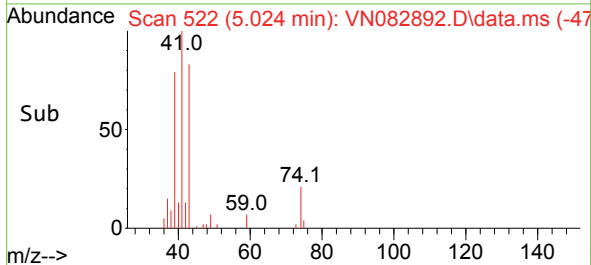
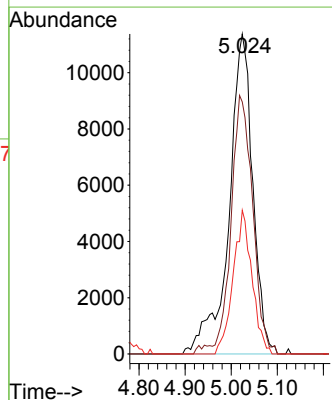
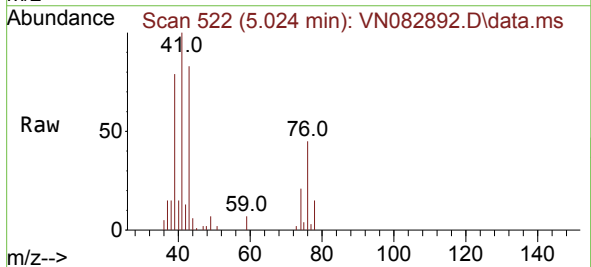
Tgt Ion: 41 Resp: 40826

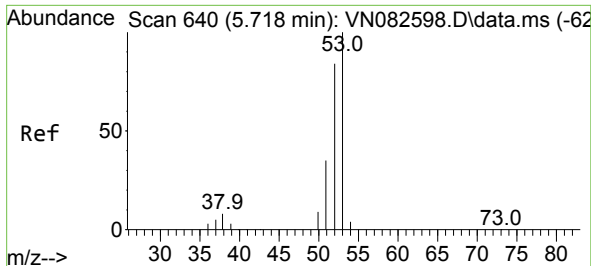
Ion Ratio Lower Upper

41 100

39 72.8 67.8 101.6

76 35.5 25.8 38.8

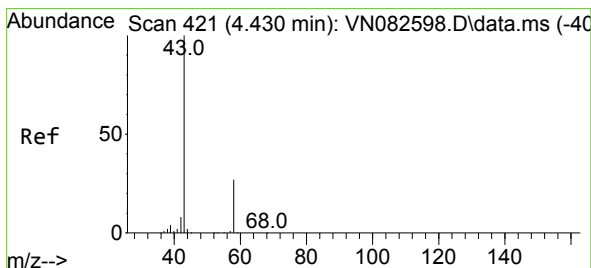
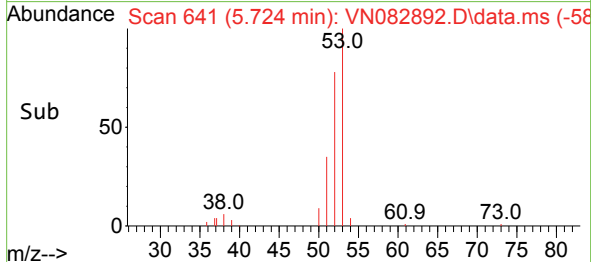
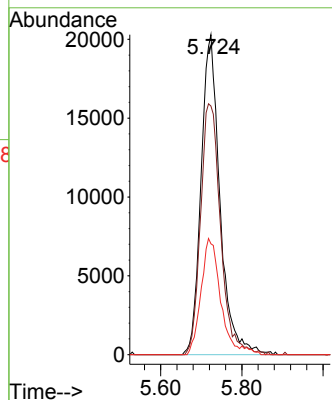
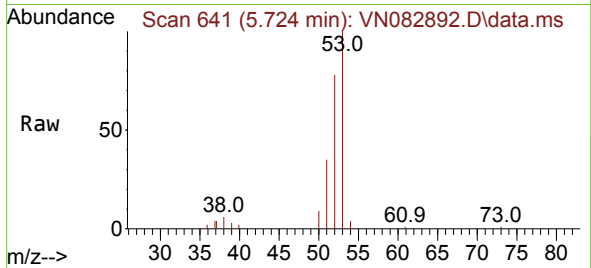




#15  
Acrylonitrile  
Concen: 92.288 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

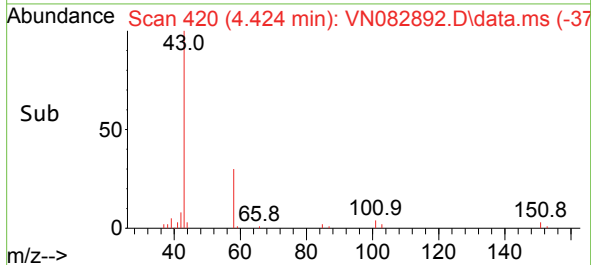
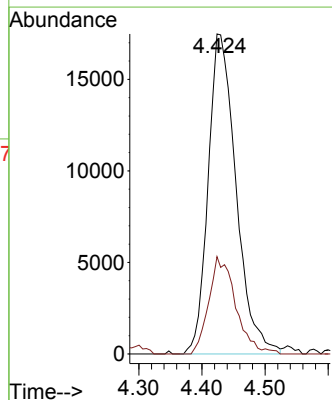
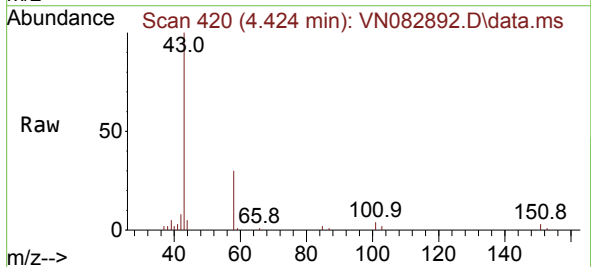
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

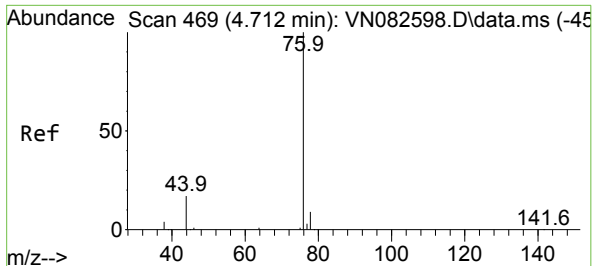
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 65671 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.5  | 66.6  | 100.0 |
| 51       | 36.6  | 30.1  | 45.1  |



#16  
Acetone  
Concen: 82.901 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 53732 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.4  | 21.8  | 32.6  |

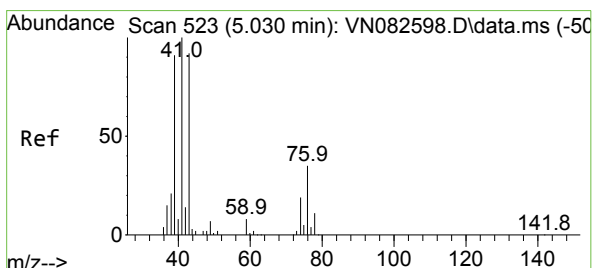
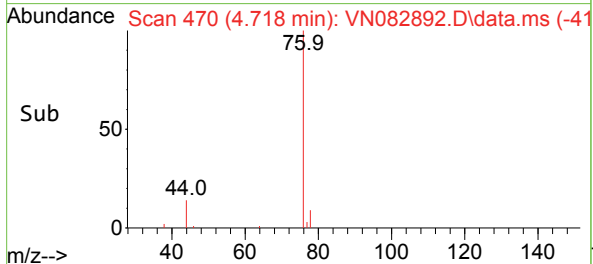
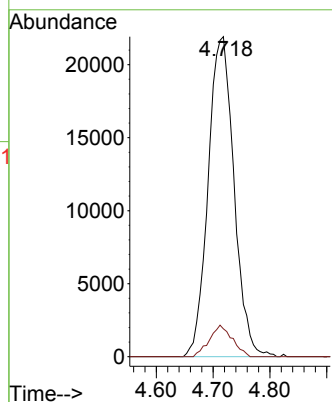
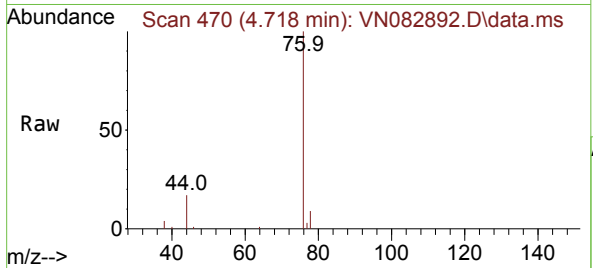




#17  
Carbon Disulfide  
Concen: 17.278 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

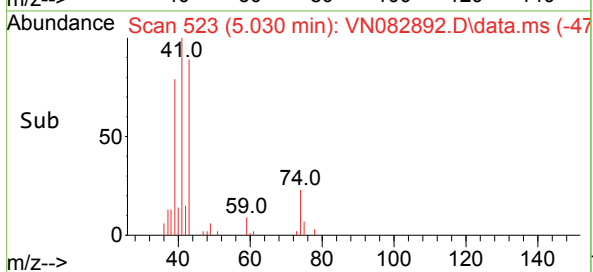
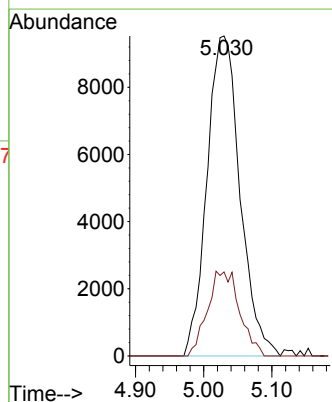
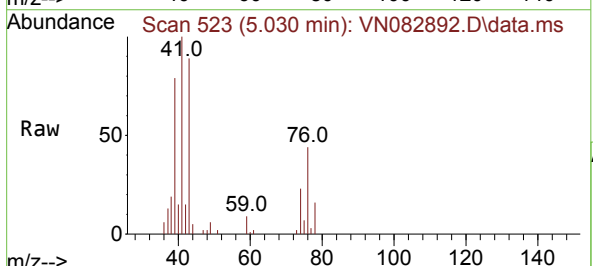
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

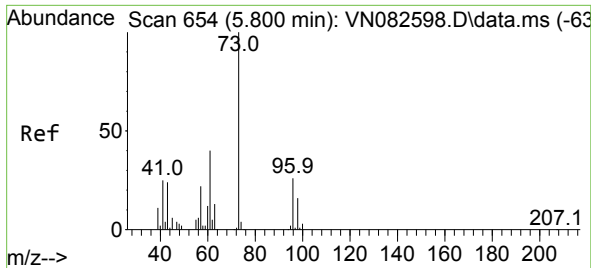
Tgt Ion: 76 Resp: 69218  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 18.738 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 43 Resp: 32136  
Ion Ratio Lower Upper  
43 100  
74 25.7 16.3 24.5#

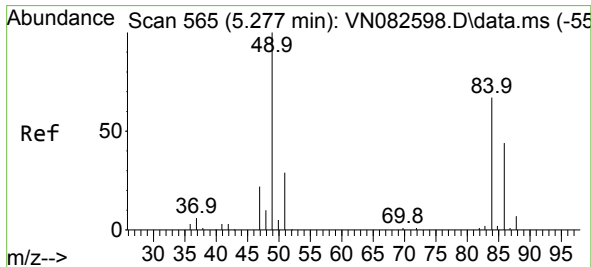
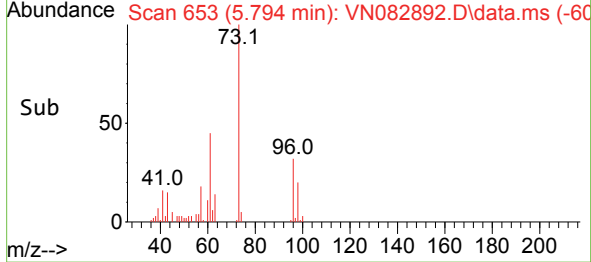
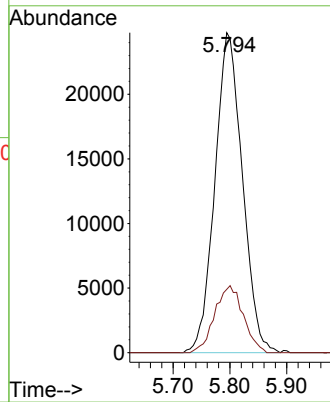
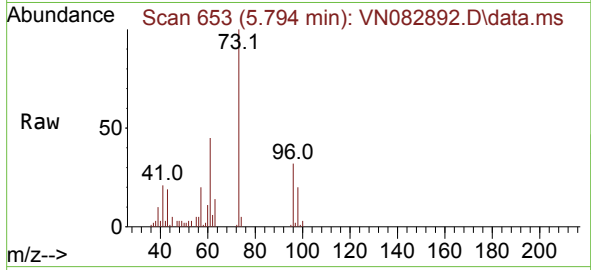




#19  
Methyl tert-butyl Ether  
Concen: 18.017 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

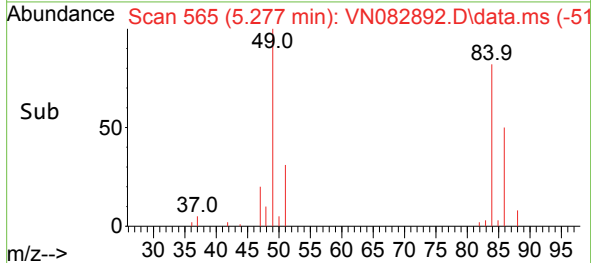
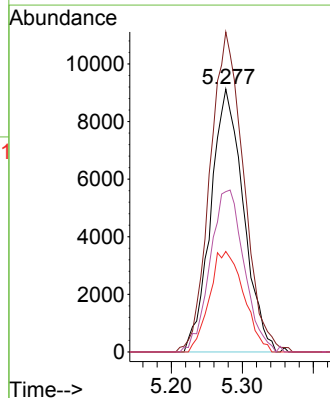
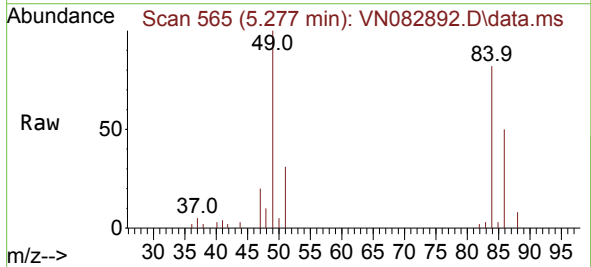
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 73 Resp: 83318  
Ion Ratio Lower Upper  
73 100  
57 19.8 17.9 26.9



#20  
Methylene Chloride  
Concen: 18.626 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 84 Resp: 29155  
Ion Ratio Lower Upper  
84 100  
49 120.0 119.6 179.4  
51 38.2 34.8 52.2  
86 61.0 52.9 79.3

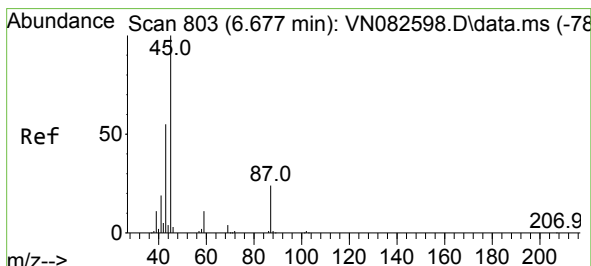
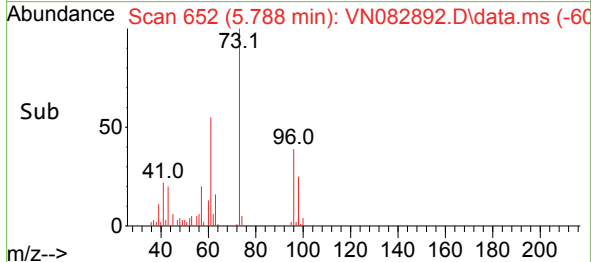
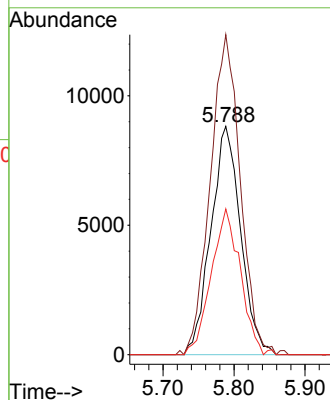
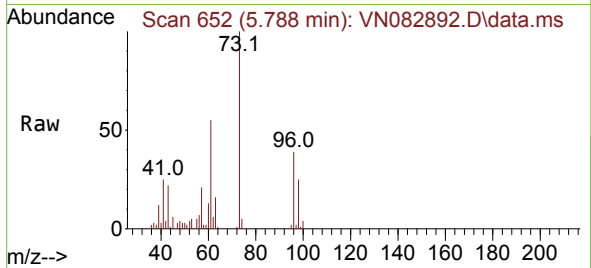




#21  
trans-1,2-Dichloroethene  
Concen: 17.667 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

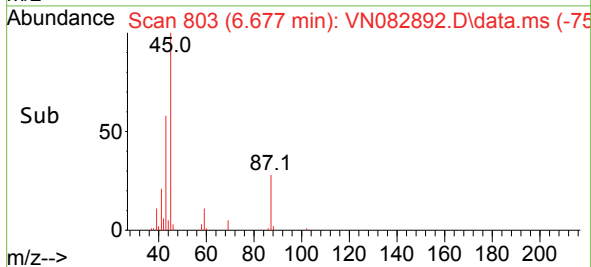
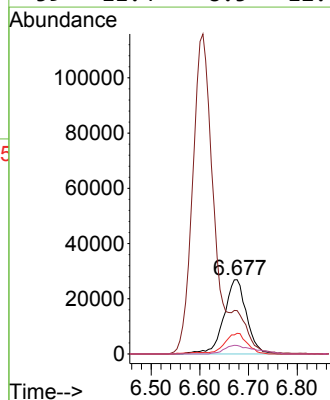
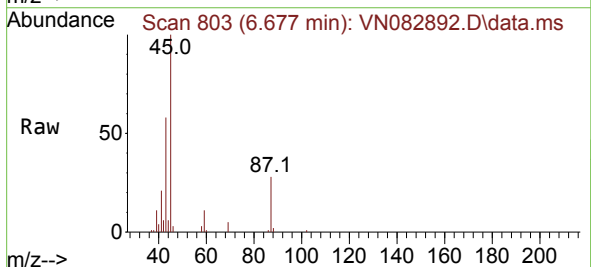
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 96 Resp: 25664  
Ion Ratio Lower Upper  
96 100  
61 138.4 123.4 185.2  
98 63.9 49.3 73.9



#22  
Diisopropyl ether  
Concen: 19.781 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 45 Resp: 86506  
Ion Ratio Lower Upper  
45 100  
43 56.6 44.0 66.0  
87 27.7 19.7 29.5  
59 11.4 8.5 12.7

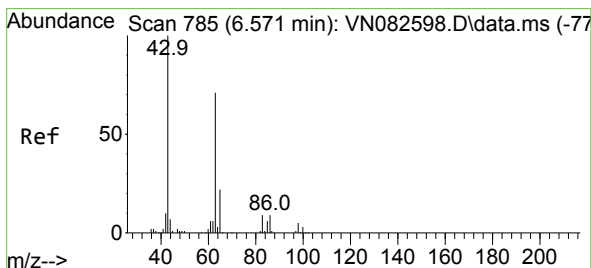
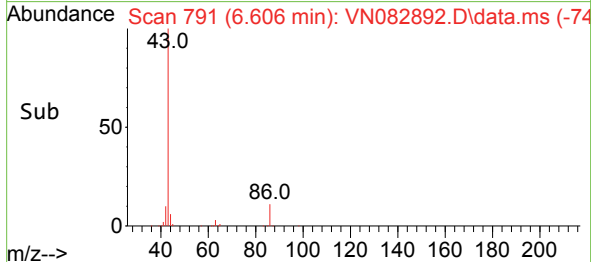
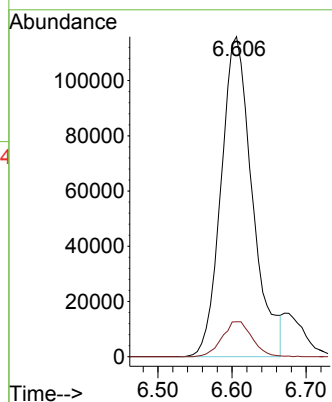
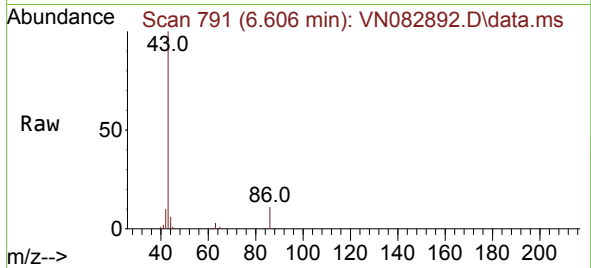




#23  
 Vinyl Acetate  
 Concen: 97.946 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

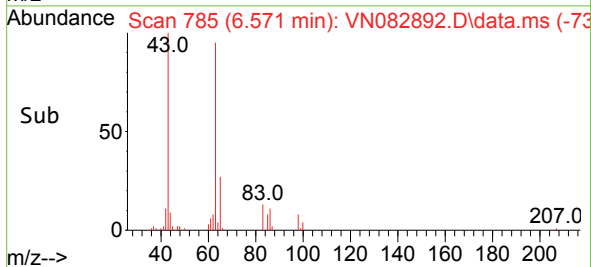
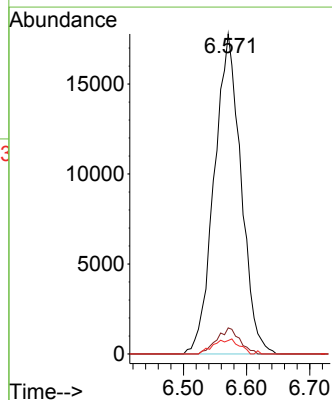
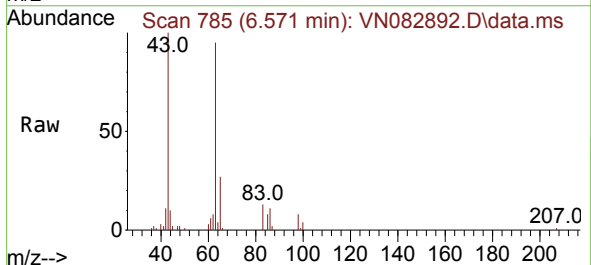
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

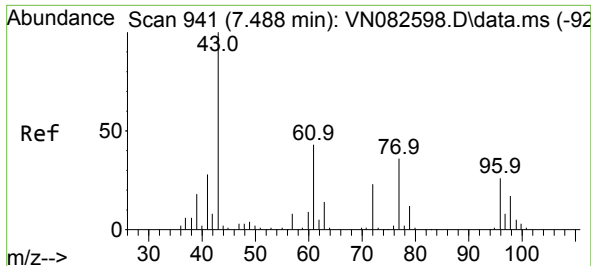
Tgt Ion: 43 Resp: 340151  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 19.740 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

Tgt Ion: 63 Resp: 52364  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.3 9.9  
 100 4.2 2.0 6.0

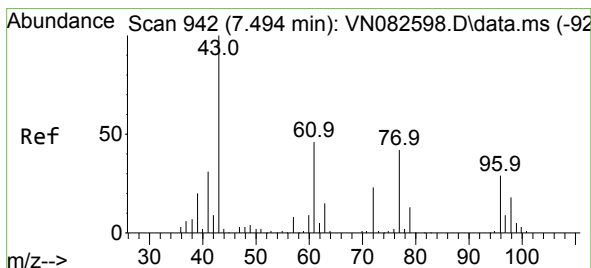
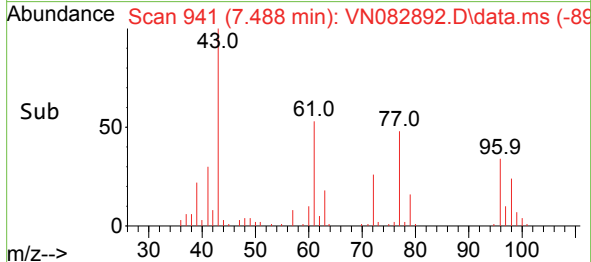
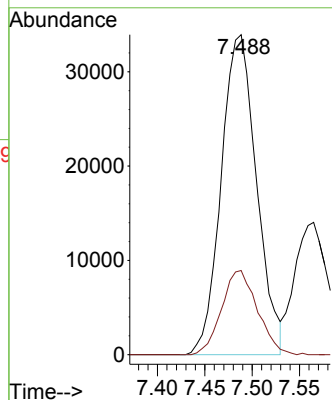
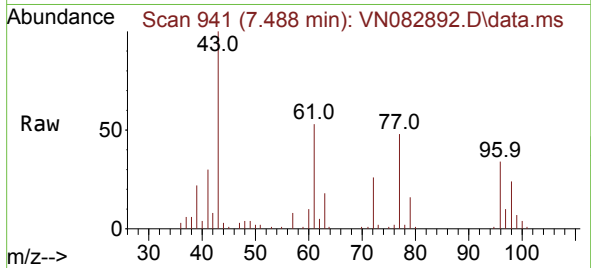




#25  
2-Butanone  
Concen: 90.103 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

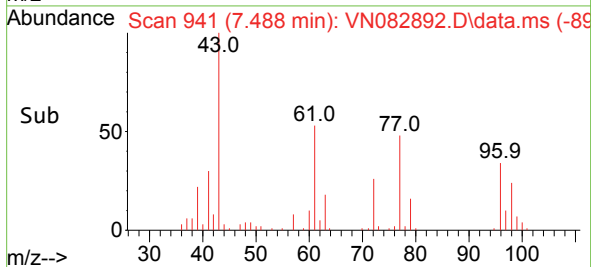
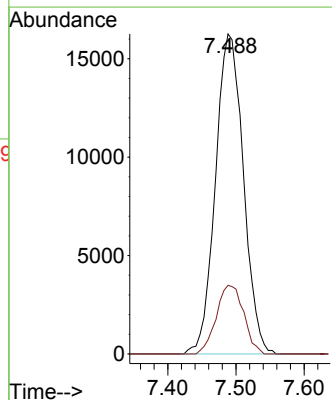
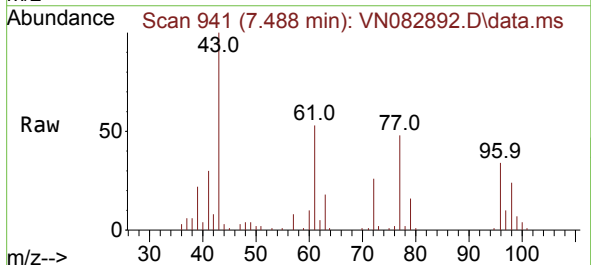
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

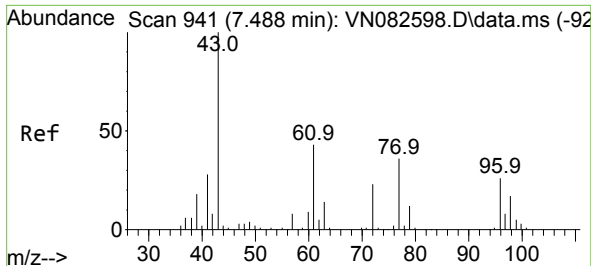
Tgt Ion: 43 Resp: 88181  
Ion Ratio Lower Upper  
43 100  
72 26.3 18.2 27.2



#26  
2,2-Dichloropropane  
Concen: 18.800 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 77 Resp: 46367  
Ion Ratio Lower Upper  
77 100  
97 21.0 10.3 30.9

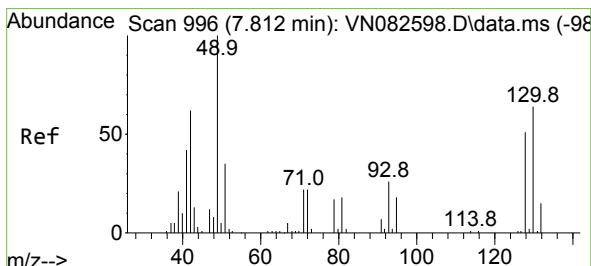
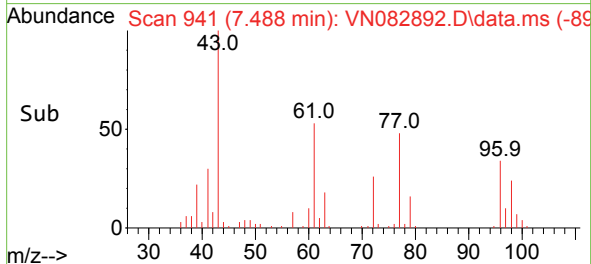
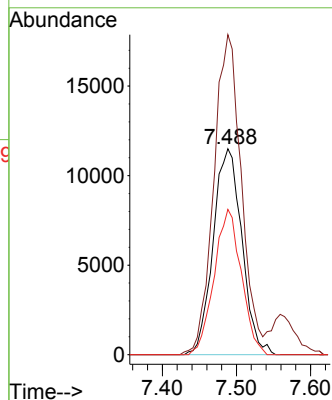
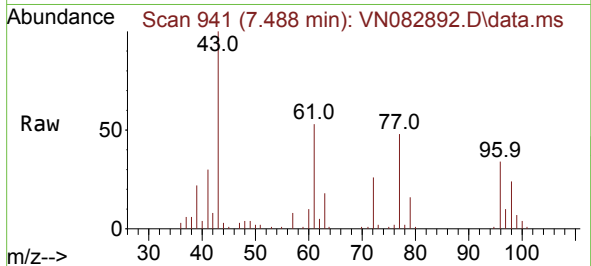




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.162 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

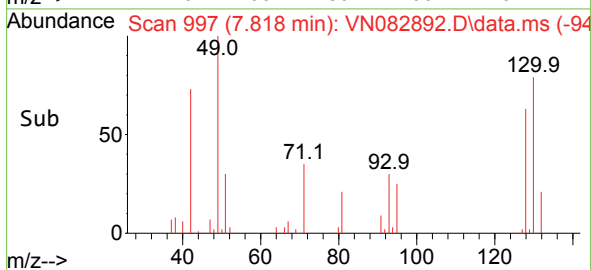
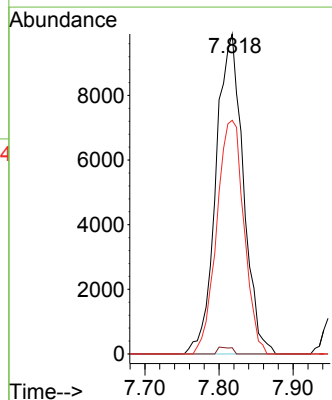
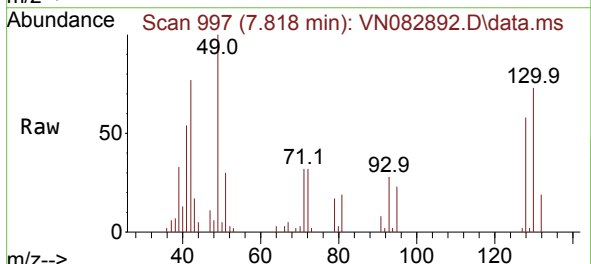
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

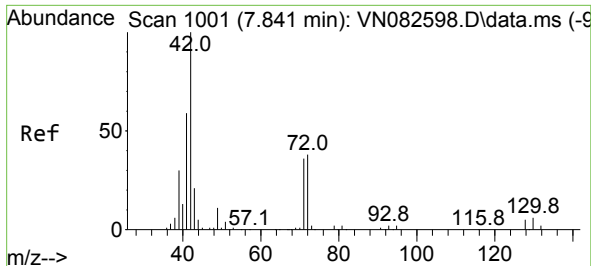
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 30887 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 149.4 | 0.0   | 329.6 |
| 98       | 66.9  | 0.0   | 128.6 |



#28  
 Bromochloromethane  
 Concen: 22.270 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 25342 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.1   | 0.0   | 3.8   |
| 130      | 72.6  | 50.5  | 75.7  |





#29

Tetrahydrofuran

Concen: 95.145 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

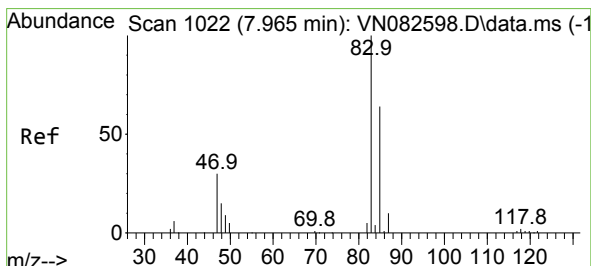
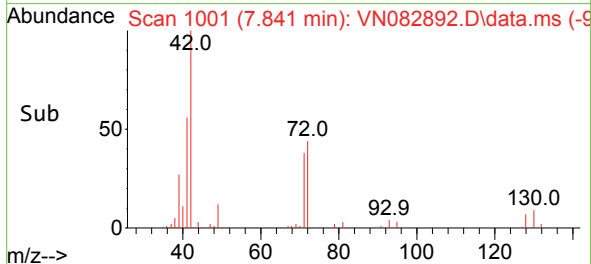
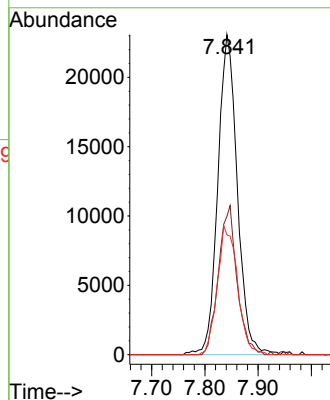
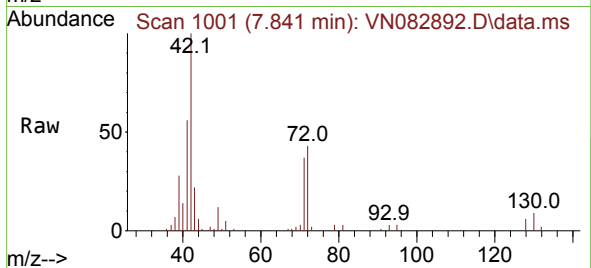
Tgt Ion: 42 Resp: 58621

Ion Ratio Lower Upper

42 100

72 44.4 30.0 45.0

71 41.8 28.3 42.5



#30

Chloroform

Concen: 19.595 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082892.D

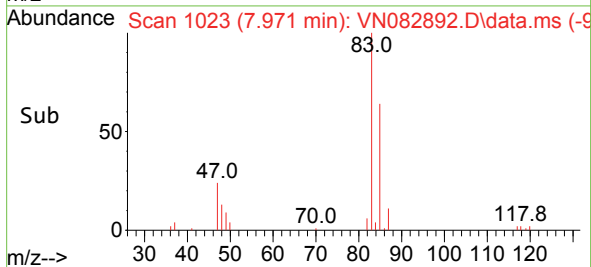
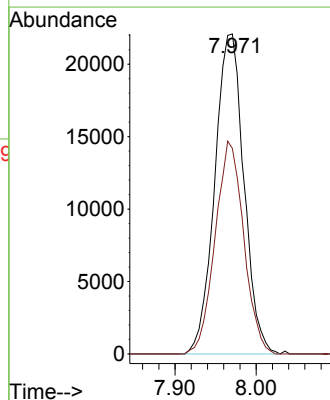
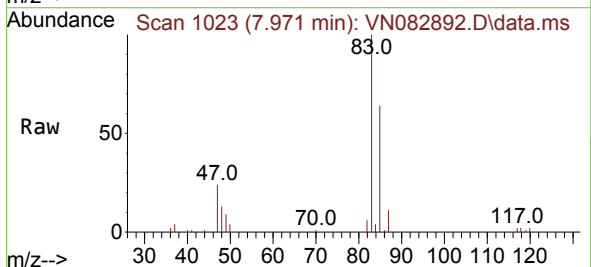
Acq: 12 Jul 2024 12:05

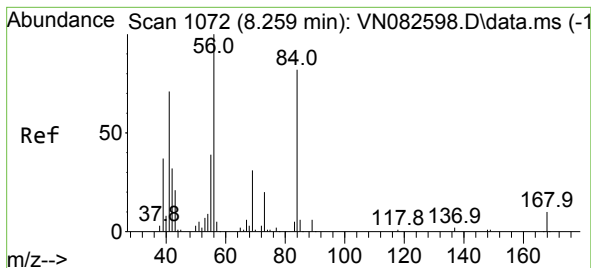
Tgt Ion: 83 Resp: 55143

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3





#31

Cyclohexane

Concen: 17.595 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

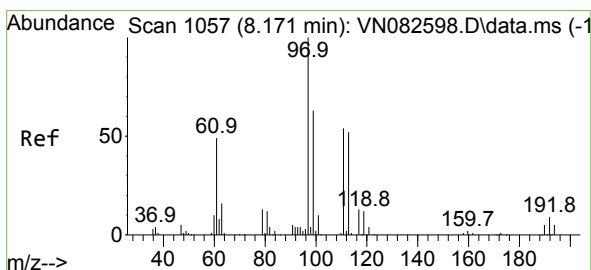
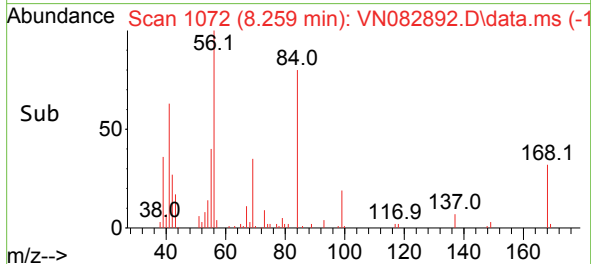
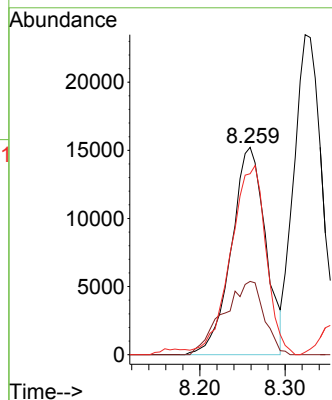
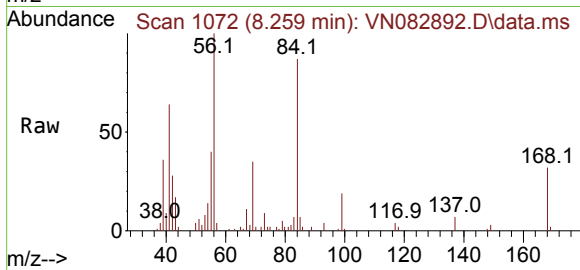
Tgt Ion: 56 Resp: 42347

Ion Ratio Lower Upper

56 100

69 35.4 24.5 36.7

84 84.9 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 18.969 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

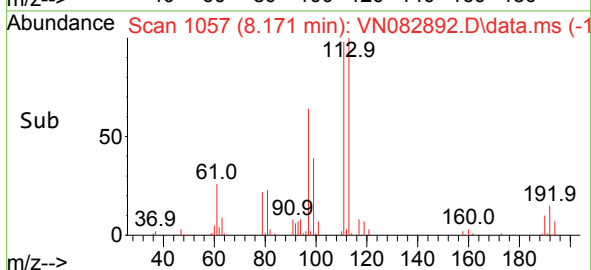
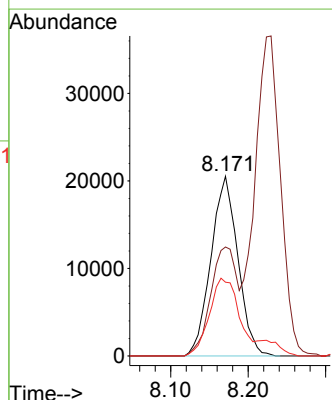
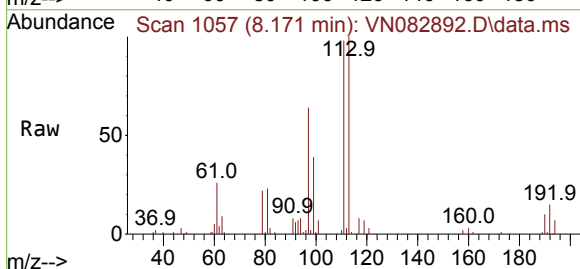
Tgt Ion: 97 Resp: 49561

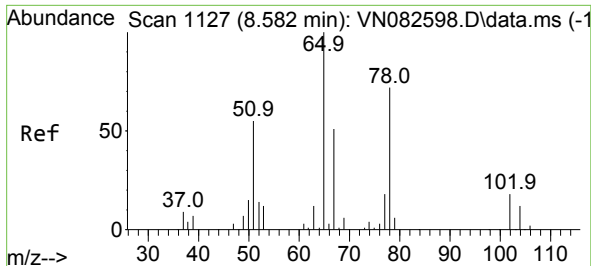
Ion Ratio Lower Upper

97 100

99 58.8 52.0 78.0

61 48.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 51.989 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

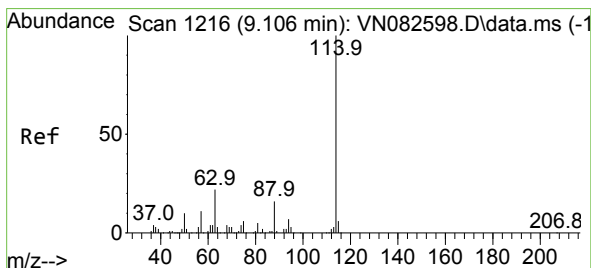
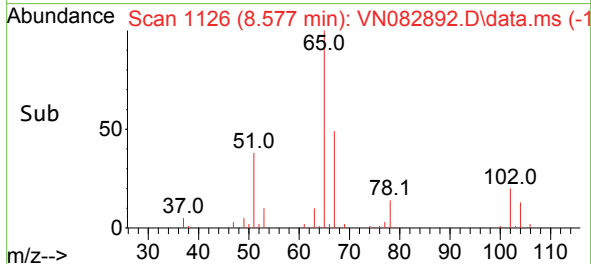
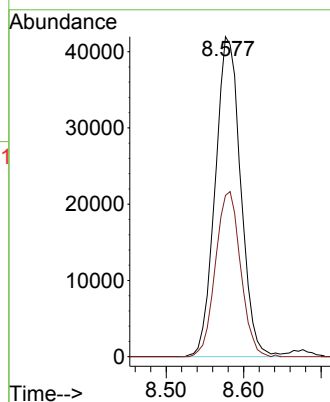
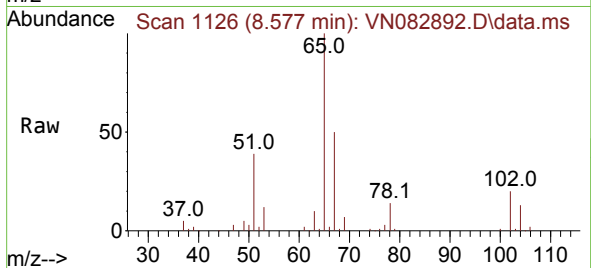
VN0712WBS01

Tgt Ion: 65 Resp: 95709

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

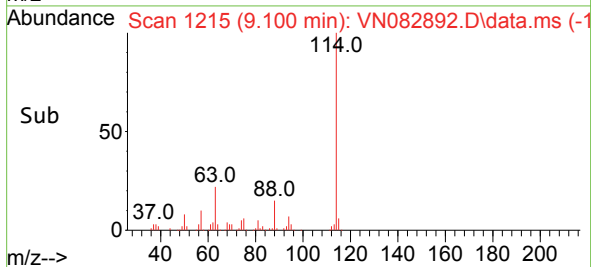
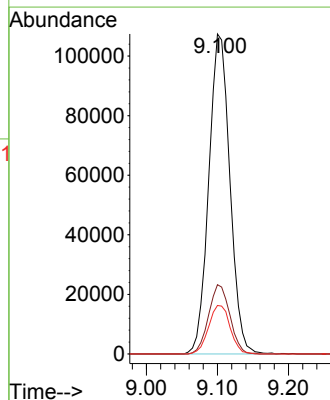
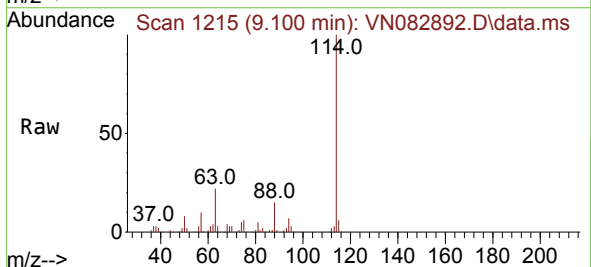
Tgt Ion: 114 Resp: 221724

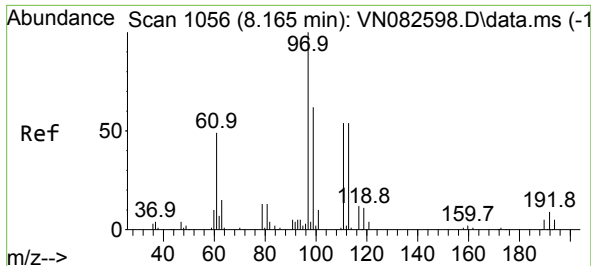
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 15.1 0.0 31.4

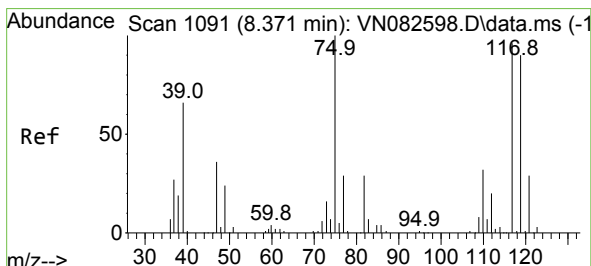
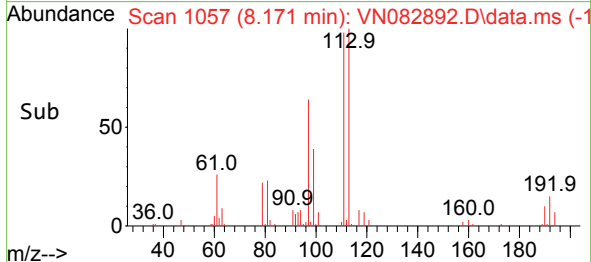
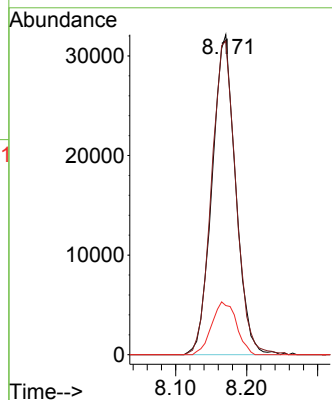
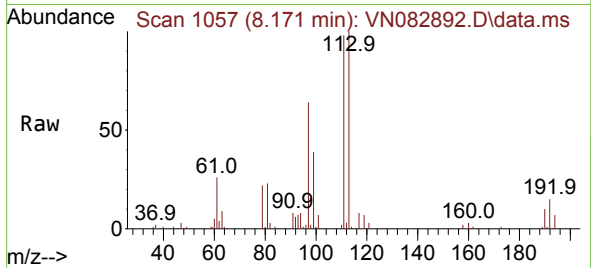




#35  
Dibromofluoromethane  
Concen: 51.841 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

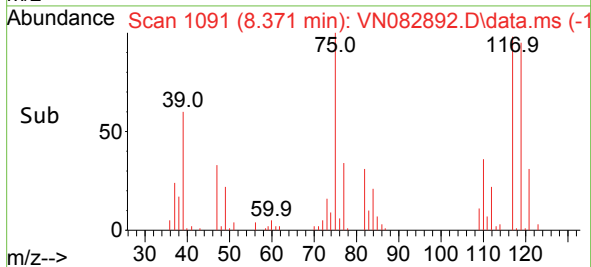
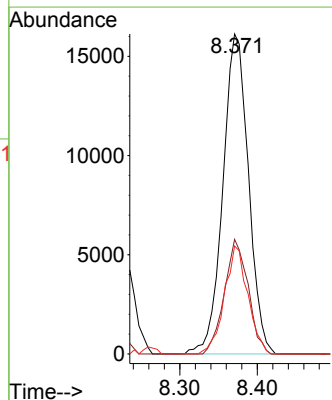
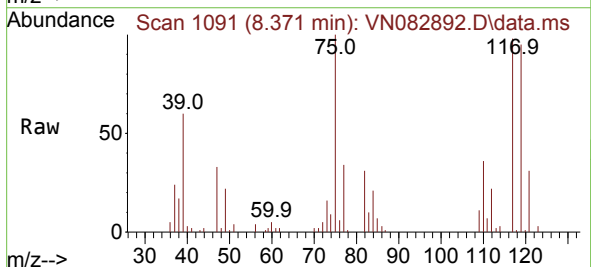
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion:113 Resp: 73756  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.4 123.6  
192 17.4 14.9 22.3



#36  
1,1-Dichloropropene  
Concen: 18.877 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 75 Resp: 37029  
Ion Ratio Lower Upper  
75 100  
110 33.3 16.3 48.9  
77 31.0 24.6 37.0

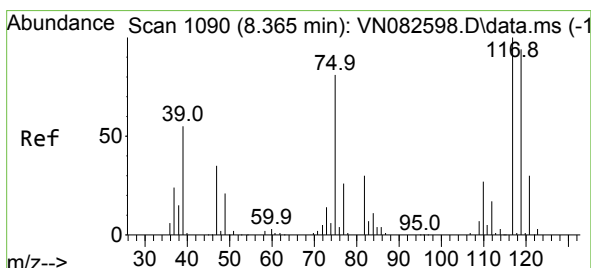
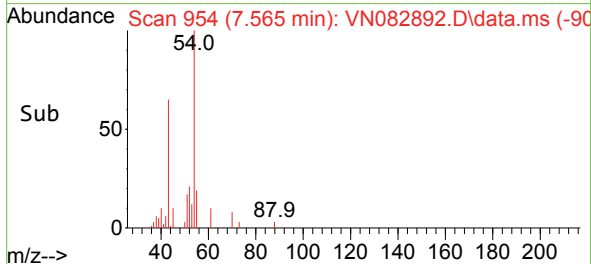
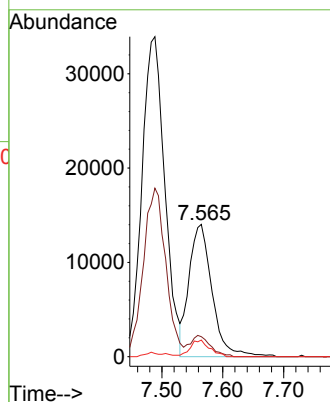
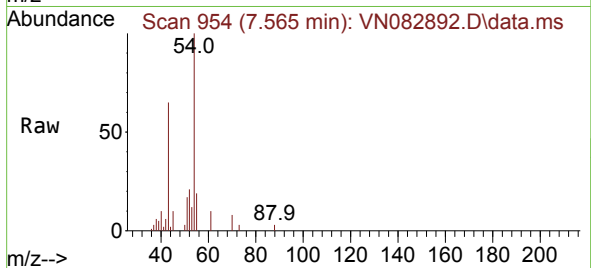




#37  
Ethyl Acetate  
Concen: 18.476 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

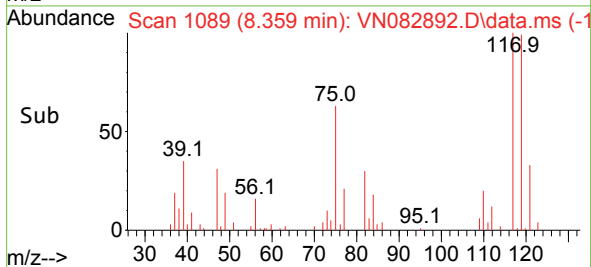
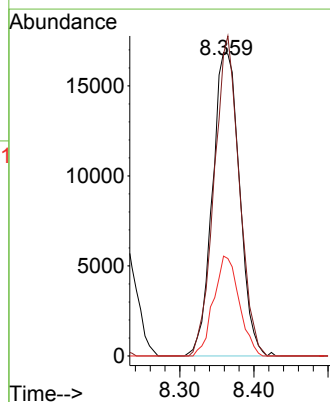
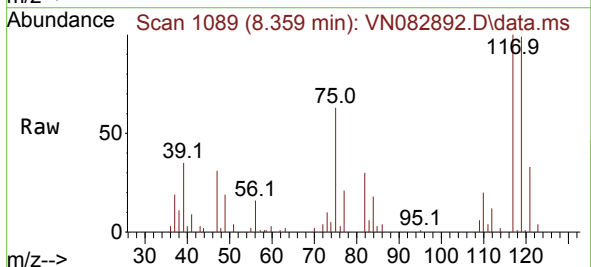
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

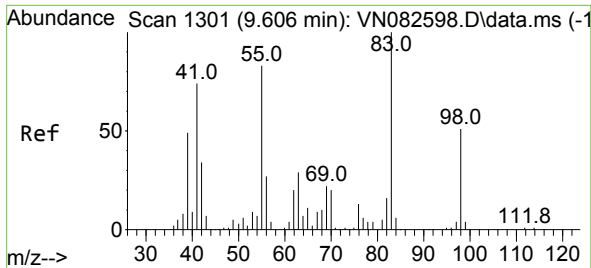
Tgt Ion: 43 Resp: 36899  
Ion Ratio Lower Upper  
43 100  
61 14.2 9.3 13.9#  
70 10.4 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 18.095 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 117 Resp: 42737  
Ion Ratio Lower Upper  
117 100  
119 99.5 74.9 112.3  
121 32.9 24.3 36.5

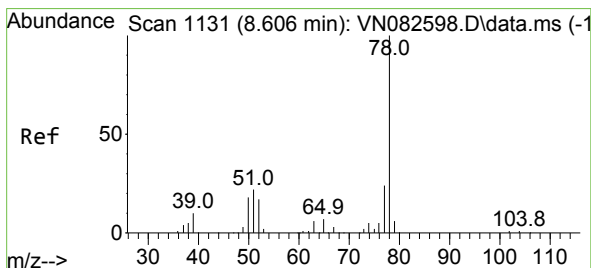
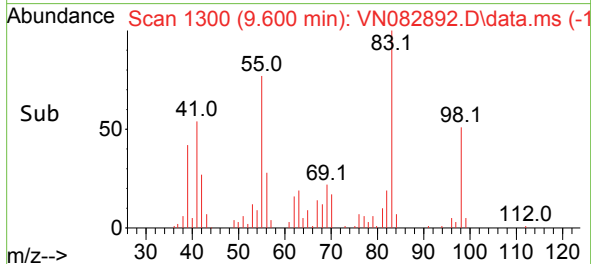
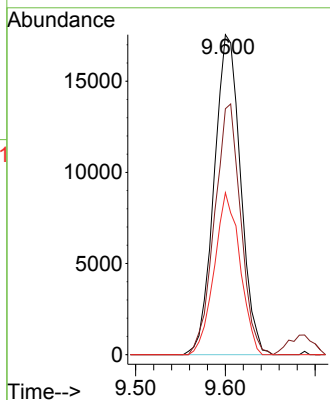
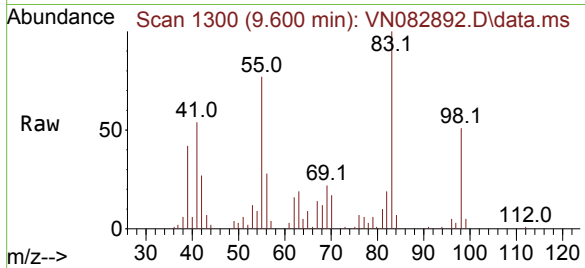




#39  
Methylcyclohexane  
Concen: 16.966 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

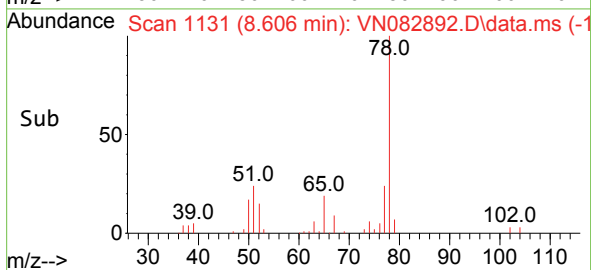
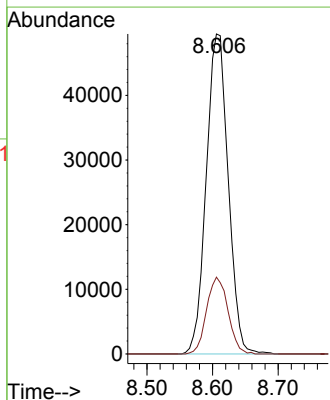
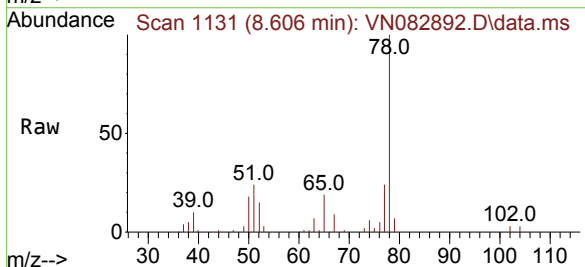
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 83 Resp: 35949  
Ion Ratio Lower Upper  
83 100  
55 76.8 66.4 99.6  
98 50.6 40.7 61.1



#40  
Benzene  
Concen: 19.094 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 78 Resp: 115209  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.4

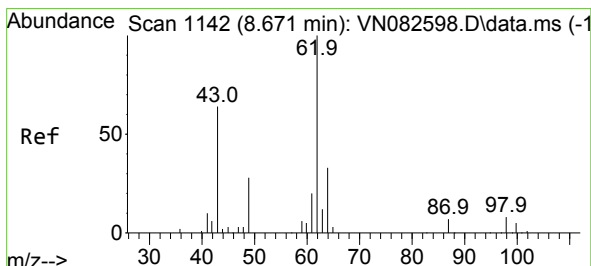
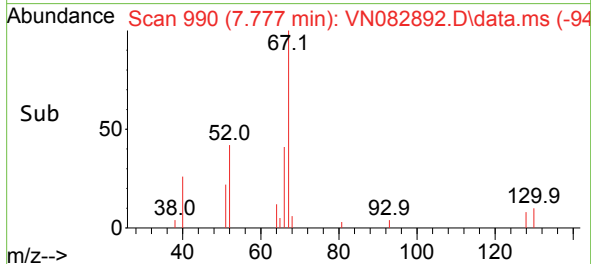
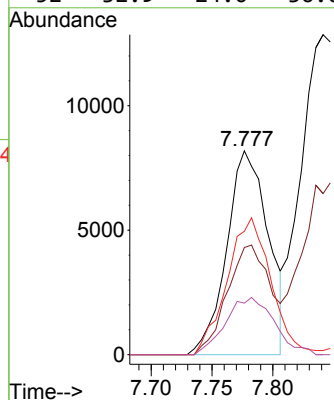
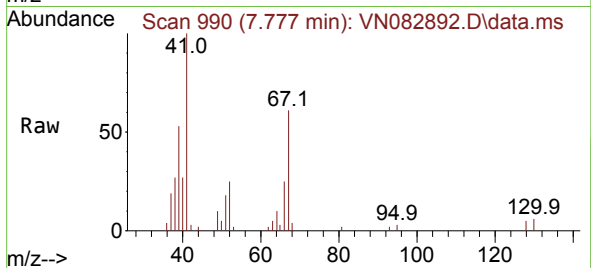




#41  
Methacrylonitrile  
Concen: 18.042 ug/l  
RT: 7.777 min Scan# 991  
Delta R.T. -0.005 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

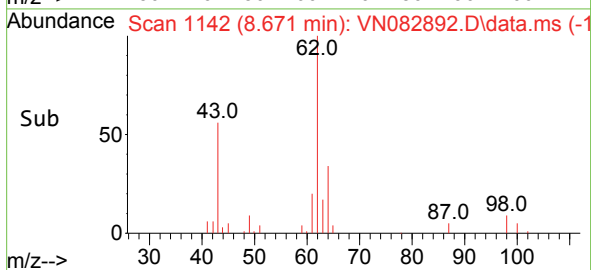
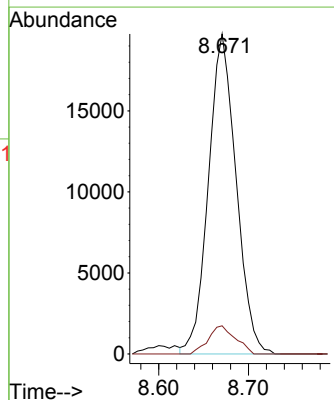
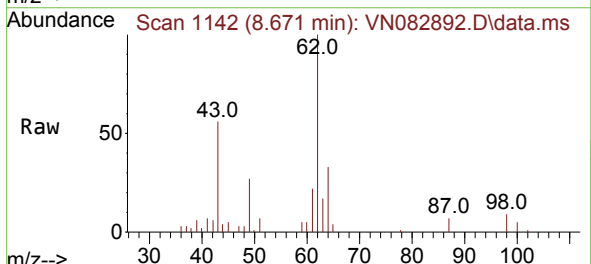
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

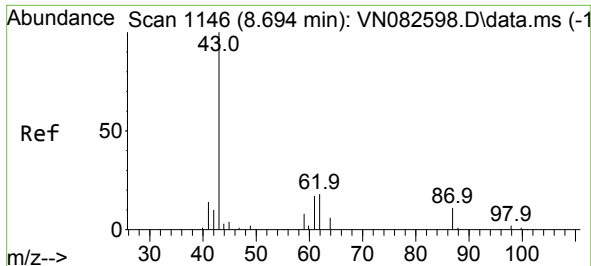
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 19412 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.0     | 45.5 68.3   |
| 67 71.5     | 50.5 75.7   |
| 52 32.9     | 24.0 36.0   |



#42  
1,2-Dichloroethane  
Concen: 19.455 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 42261 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.6      | 0.0 15.8    |

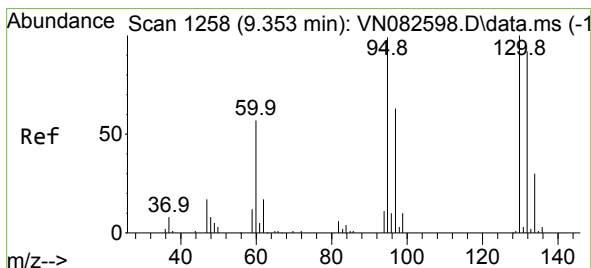
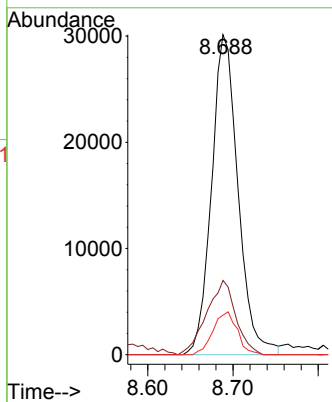
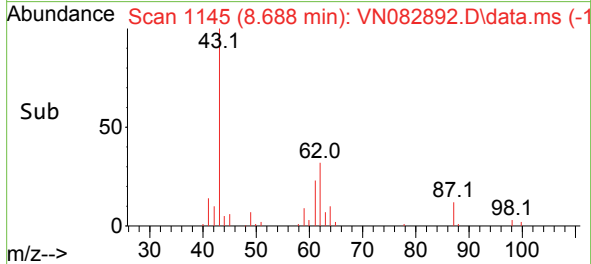
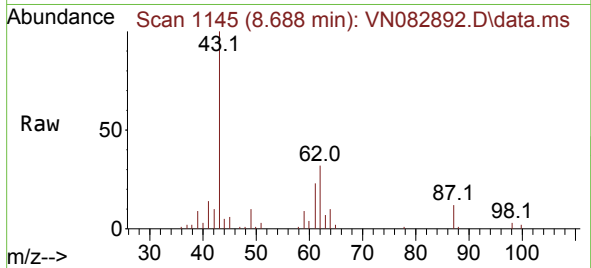




#43  
Isopropyl Acetate  
Concen: 15.236 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

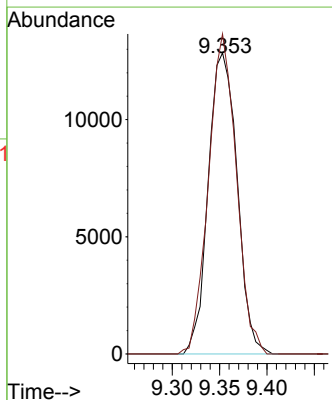
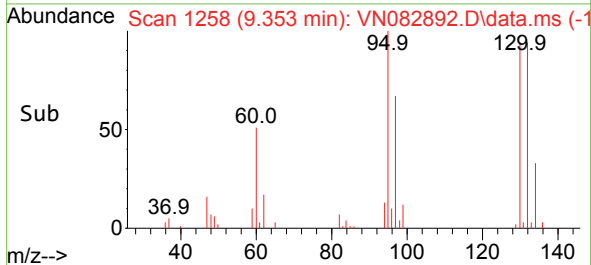
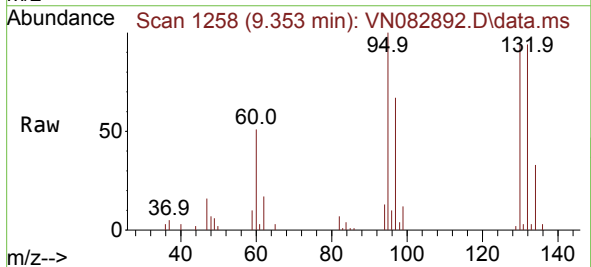
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

Tgt Ion: 43 Resp: 65141  
Ion Ratio Lower Upper  
43 100  
61 25.5 17.8 26.6  
87 12.3 8.2 12.2#



#44  
Trichloroethene  
Concen: 17.607 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion:130 Resp: 27218  
Ion Ratio Lower Upper  
130 100  
95 106.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.580 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

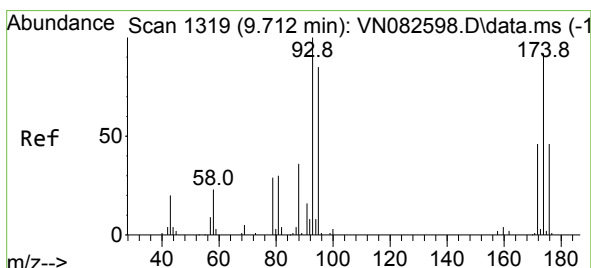
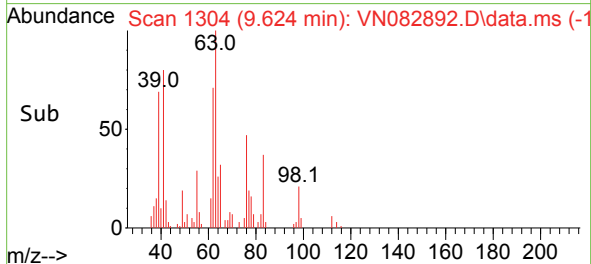
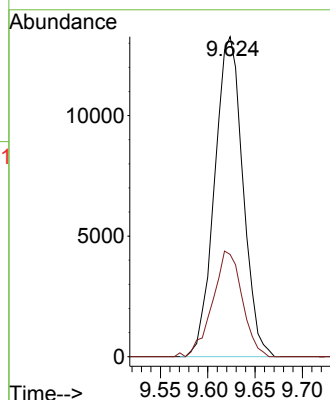
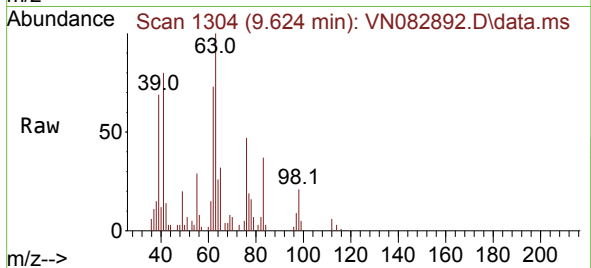
VN0712WBS01

Tgt Ion: 63 Resp: 27583

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 19.219 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

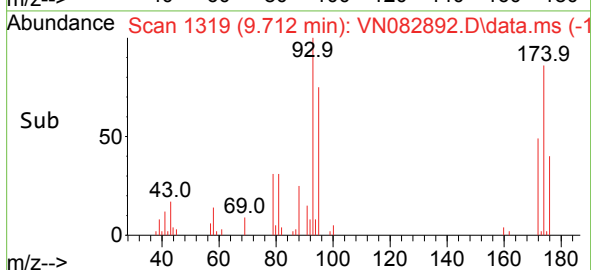
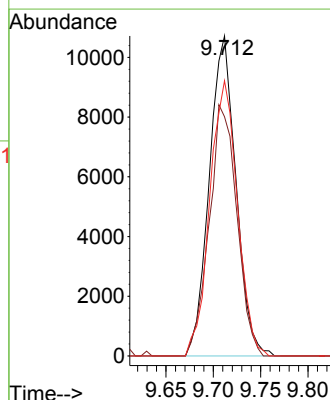
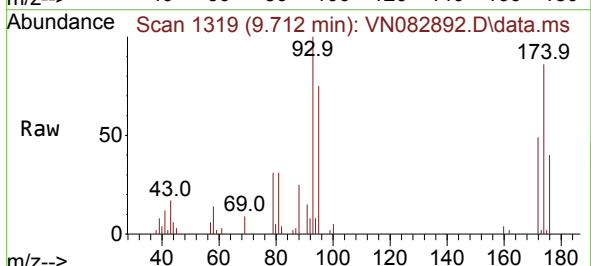
Tgt Ion: 93 Resp: 21092

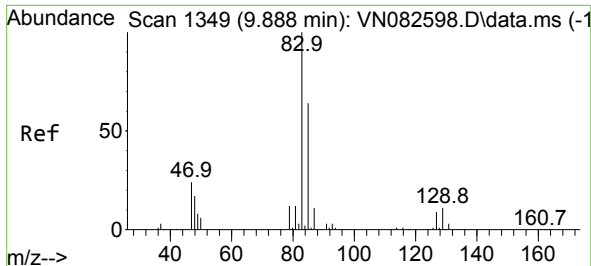
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 89.0 71.7 107.5

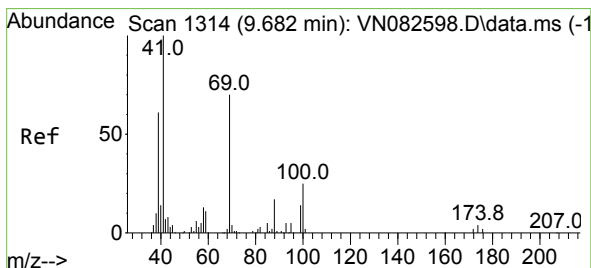
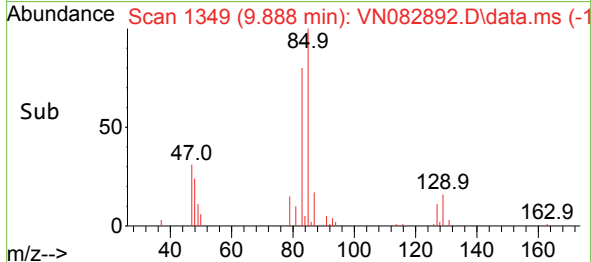
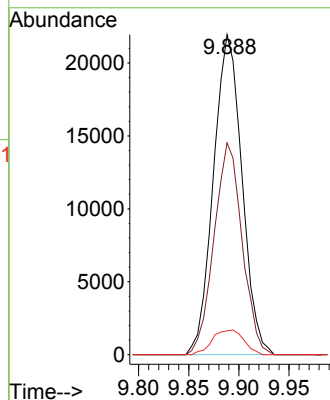
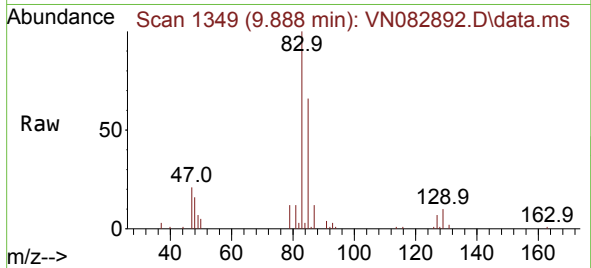




#47  
Bromodichloromethane  
Concen: 19.104 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

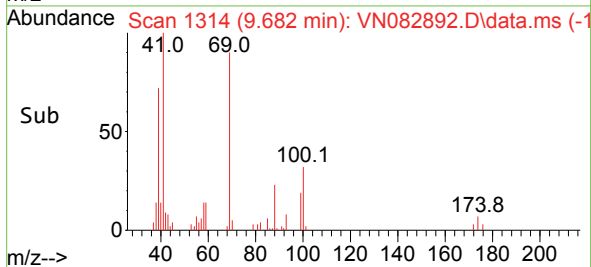
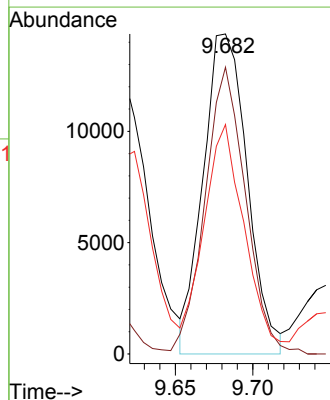
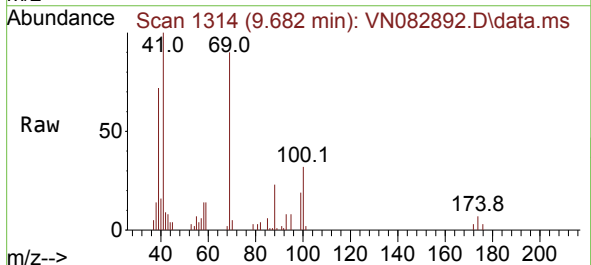
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

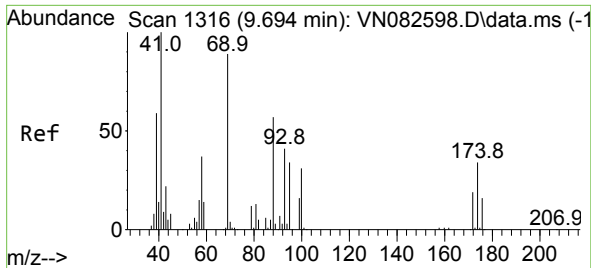
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 43319 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.2  | 51.1  | 76.7  |
| 127      | 7.4   | 7.2   | 10.8  |



#48  
Methyl methacrylate  
Concen: 18.201 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28502 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 82.5  | 56.3  | 84.5  |
| 39       | 66.9  | 50.3  | 75.5  |

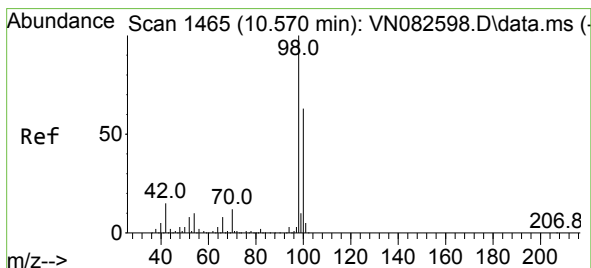
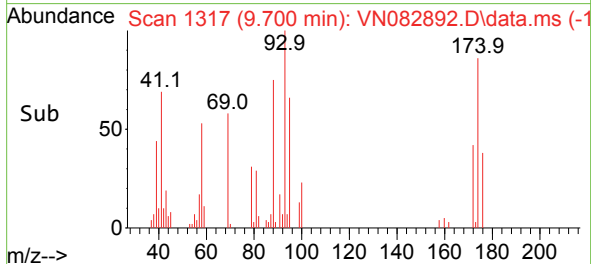
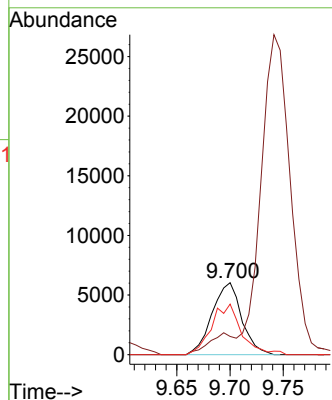
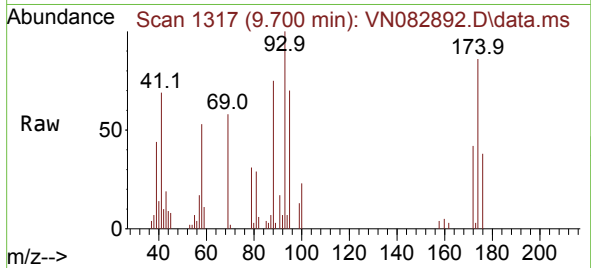




#49  
1,4-Dioxane  
Concen: 336.077 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

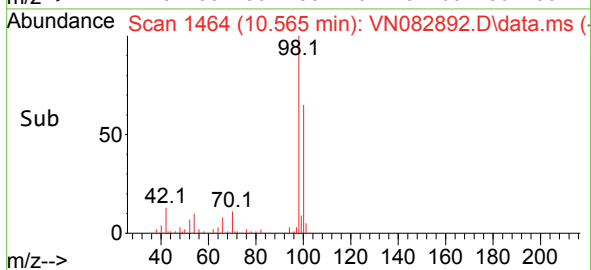
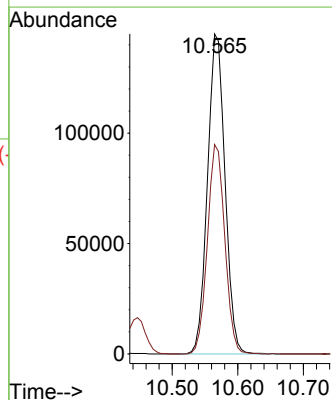
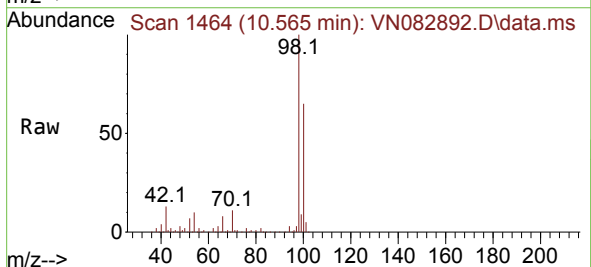
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

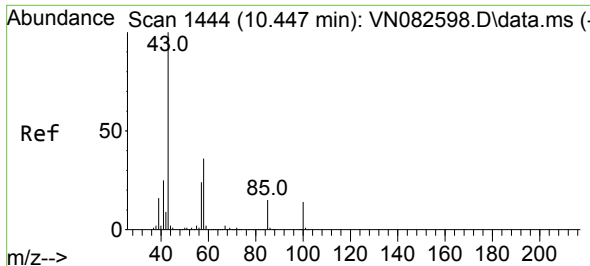
Tgt Ion: 88 Resp: 11617  
Ion Ratio Lower Upper  
88 100  
43 26.8 27.8 41.8#  
58 71.4 59.4 89.0



#50  
Toluene-d8  
Concen: 51.268 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.005 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 98 Resp: 269406  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.5 77.3

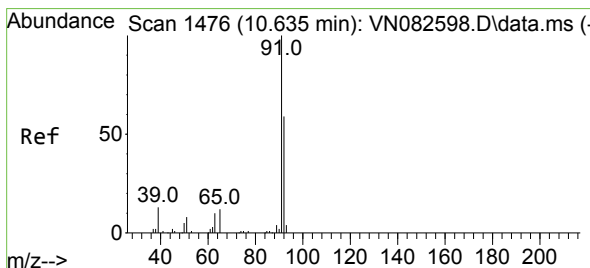
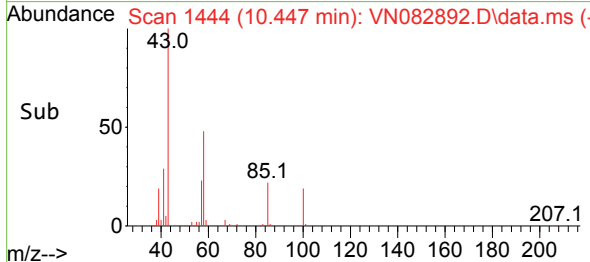
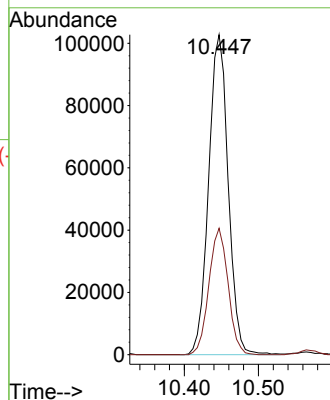
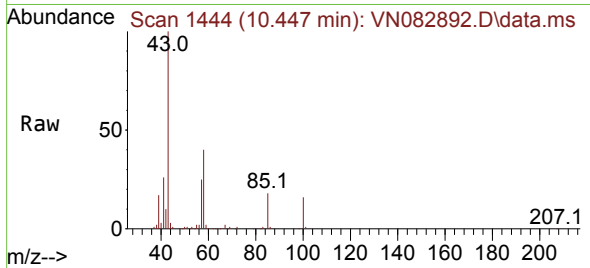




#51  
4-Methyl-2-Pentanone  
Concen: 95.164 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

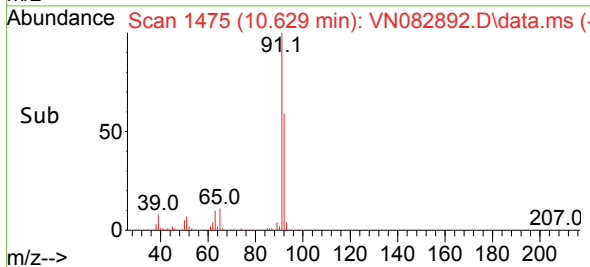
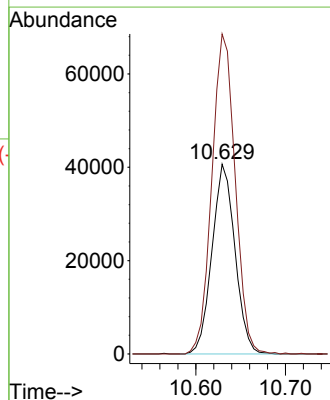
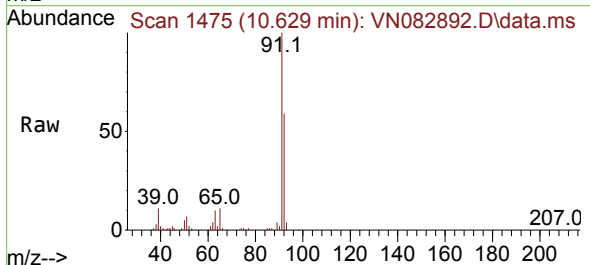
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

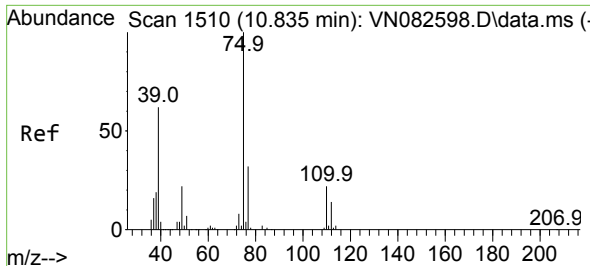
Tgt Ion: 43 Resp: 188412  
Ion Ratio Lower Upper  
43 100  
58 38.7 28.2 42.4



#52  
Toluene  
Concen: 19.173 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 92 Resp: 72266  
Ion Ratio Lower Upper  
92 100  
91 171.1 139.4 209.0

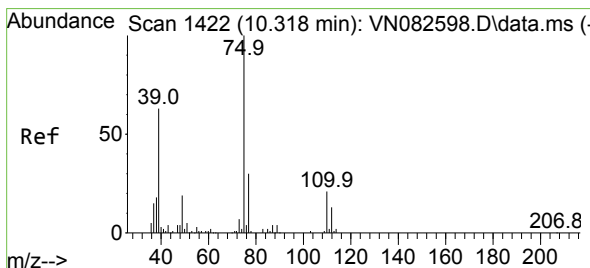
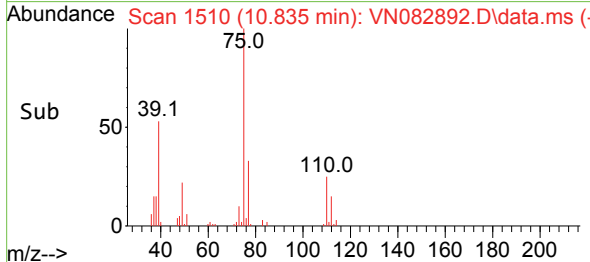
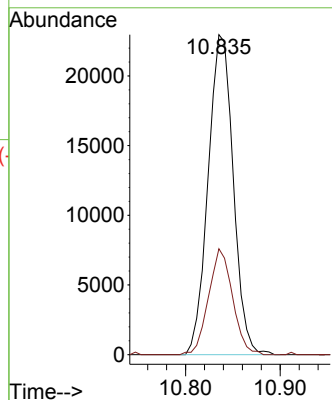
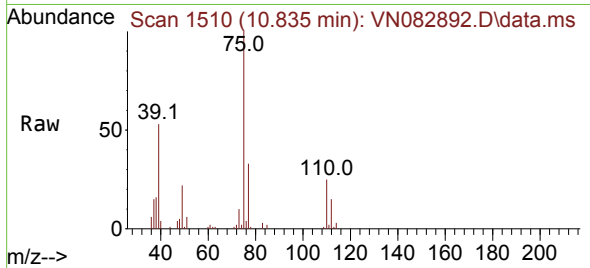




#53  
 t-1,3-Dichloropropene  
 Concen: 18.130 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

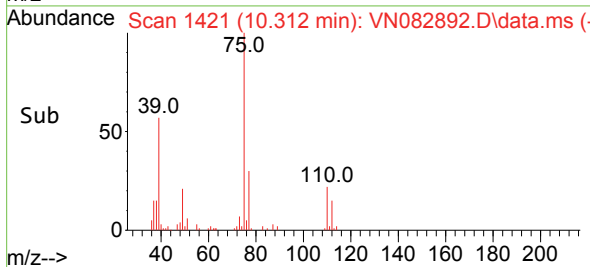
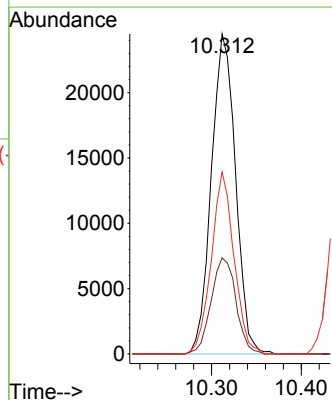
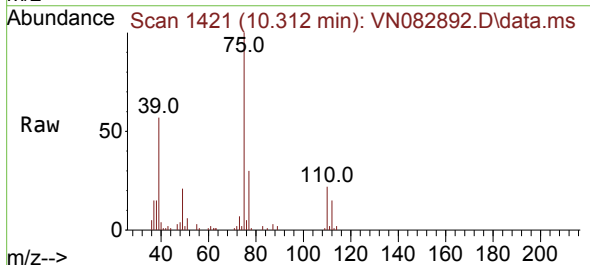
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

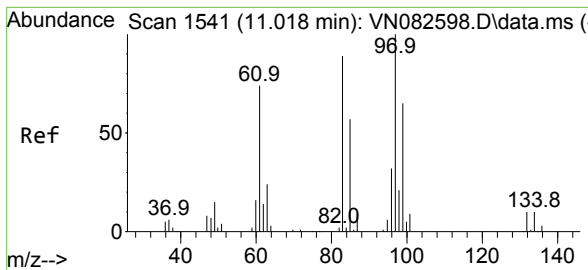
Tgt Ion: 75 Resp: 42352  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.505 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.006 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

Tgt Ion: 75 Resp: 45756  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 24.3 36.5  
 39 56.9 50.5 75.7

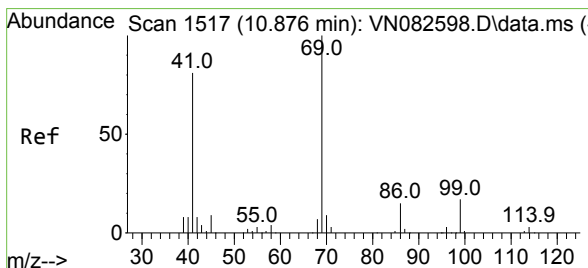
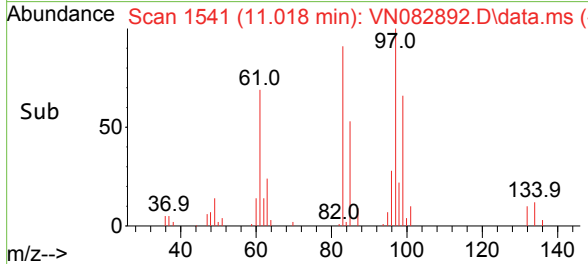
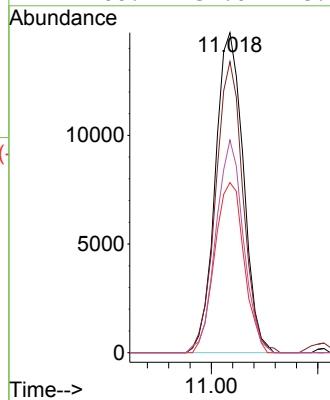
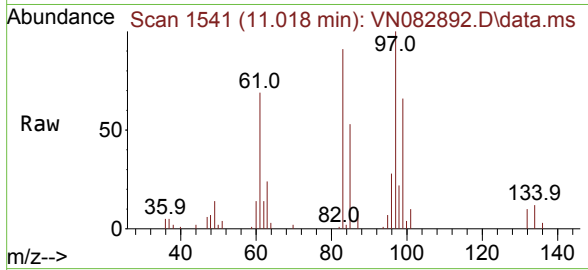




#55  
 1,1,2-Trichloroethane  
 Concen: 19.358 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

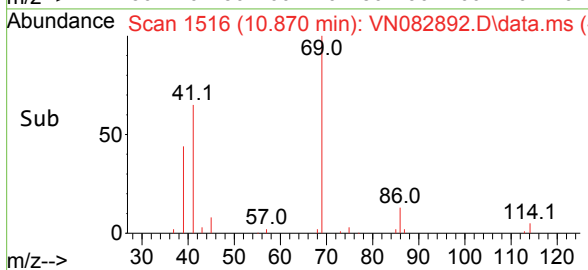
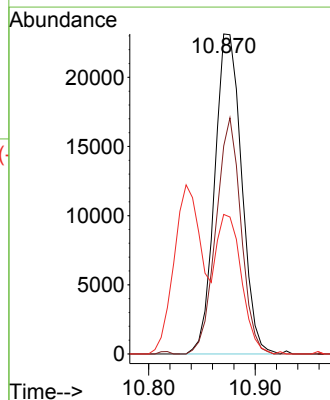
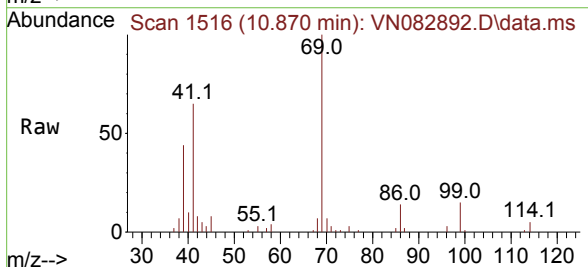
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

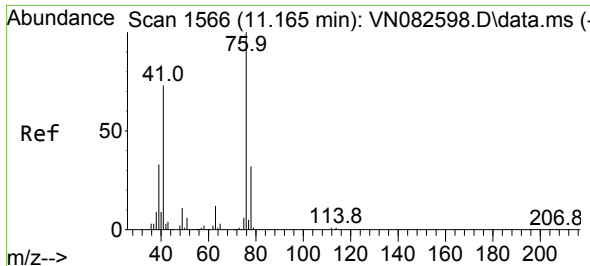
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 26831 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 90.9     | 71.4 107.0  |
| 85 53.1     | 45.8 68.6   |
| 99 66.4     | 52.0 78.0   |



#56  
 Ethyl methacrylate  
 Concen: 18.824 ug/l  
 RT: 10.870 min Scan# 1516  
 Delta R.T. -0.006 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 40592 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 68.7     | 63.4 95.2   |
| 39 39.9     | 37.4 56.0   |





#57

1,3-Dichloropropane

Concen: 19.079 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

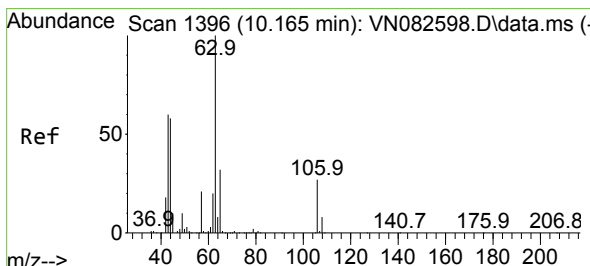
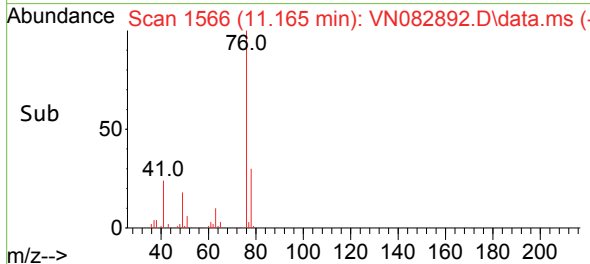
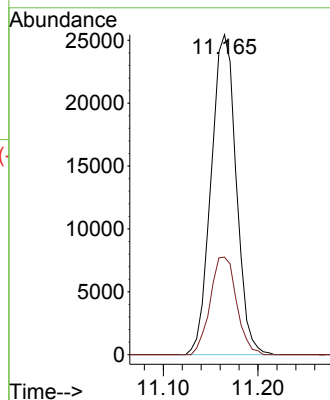
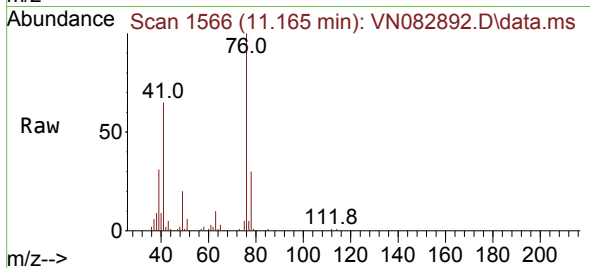
VN0712WBS01

Tgt Ion: 76 Resp: 46808

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.204 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082892.D

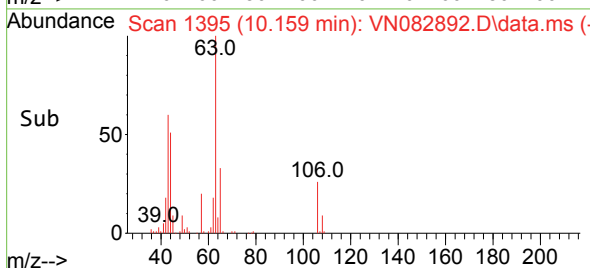
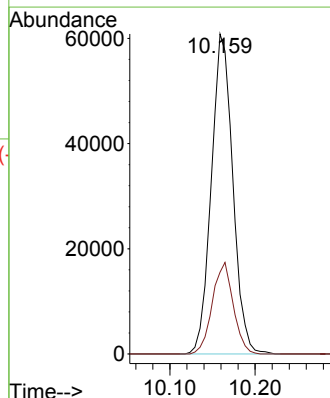
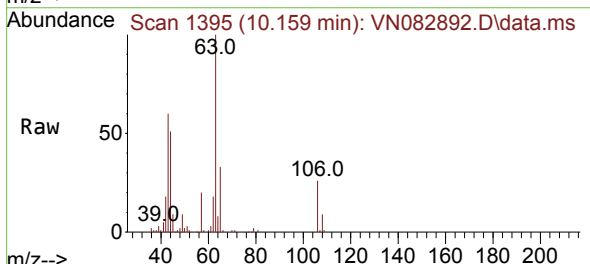
Acq: 12 Jul 2024 12:05

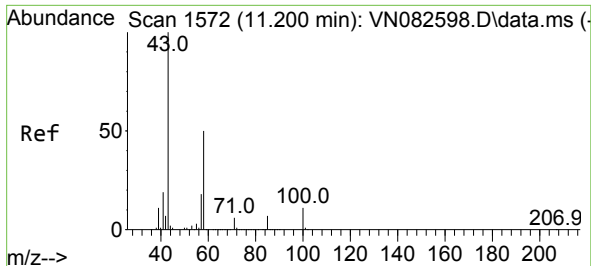
Tgt Ion: 63 Resp: 106449

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0

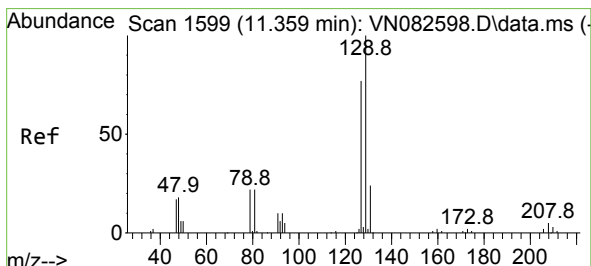
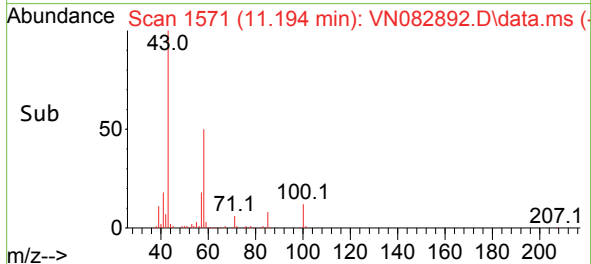
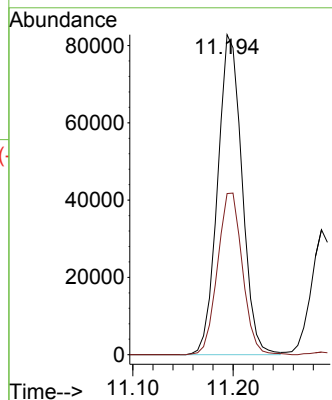
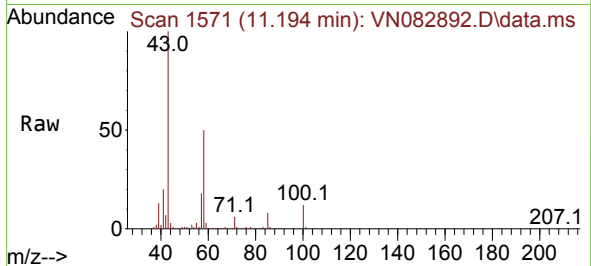




#59  
2-Hexanone  
Concen: 94.860 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

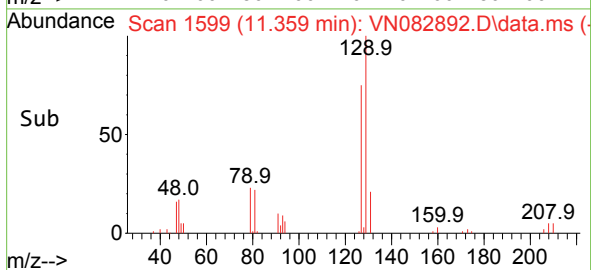
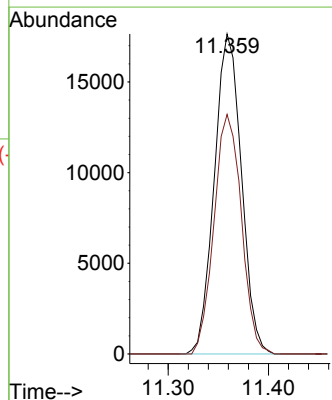
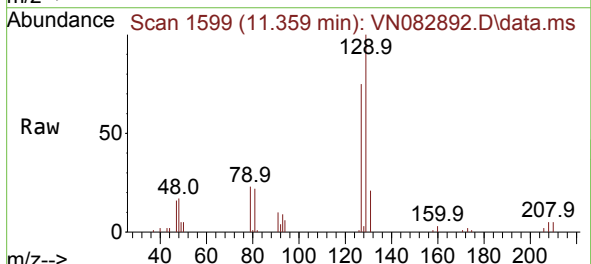
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

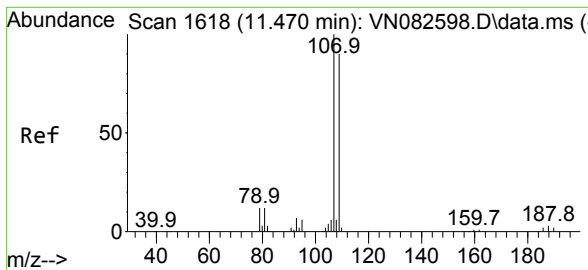
Tgt Ion: 43 Resp: 139634  
Ion Ratio Lower Upper  
43 100  
58 51.6 24.6 73.8



#60  
Dibromochloromethane  
Concen: 18.789 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 129 Resp: 33169  
Ion Ratio Lower Upper  
129 100  
127 75.6 39.2 117.6

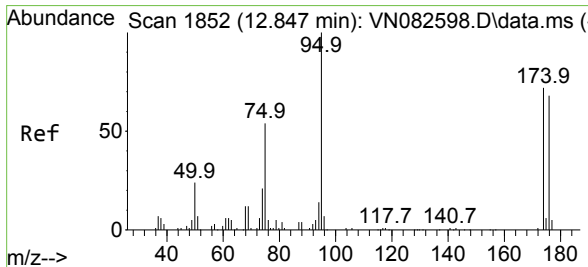
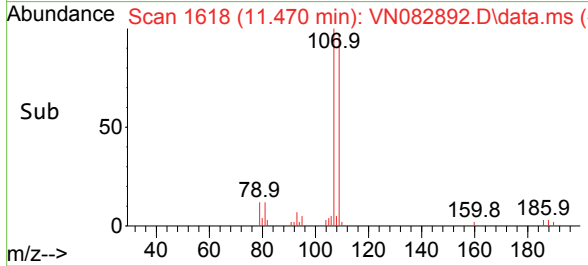
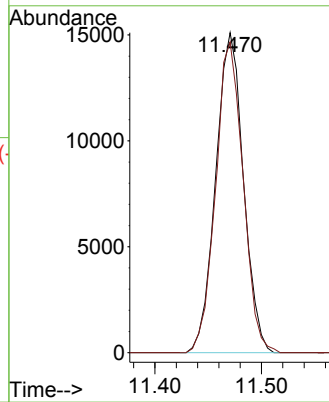
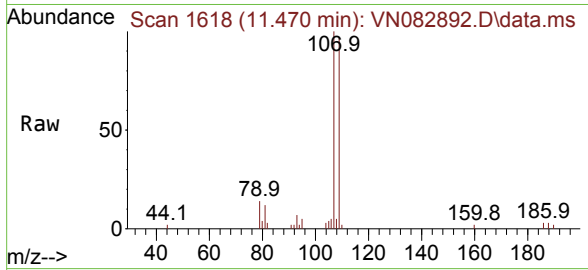




#61  
1,2-Dibromoethane  
Concen: 18.540 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

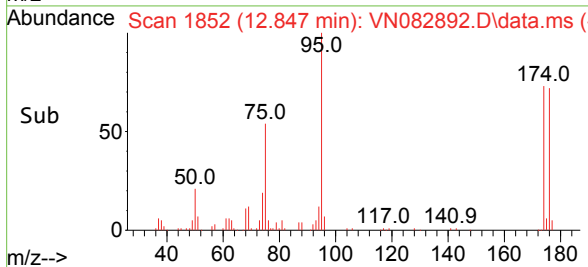
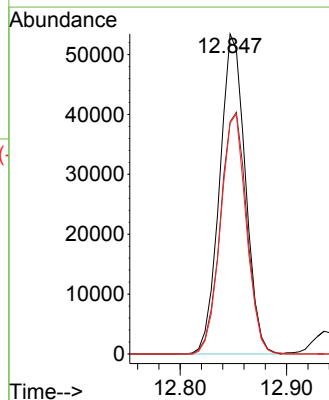
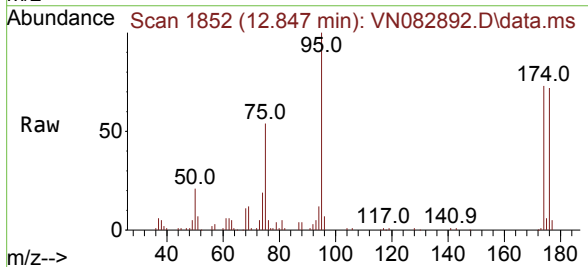
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

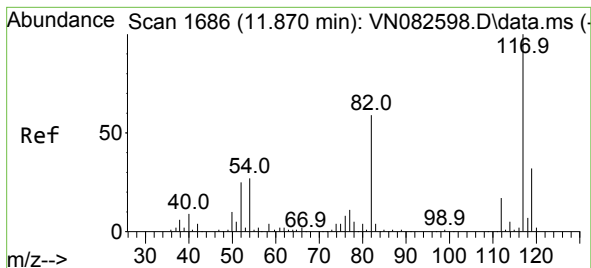
Tgt Ion:107 Resp: 27289  
Ion Ratio Lower Upper  
107 100  
109 96.1 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 47.370 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 95 Resp: 89415  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 159.2  
176 74.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

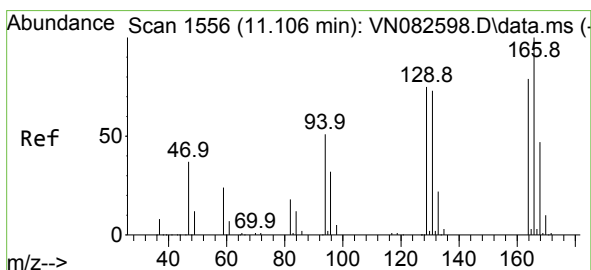
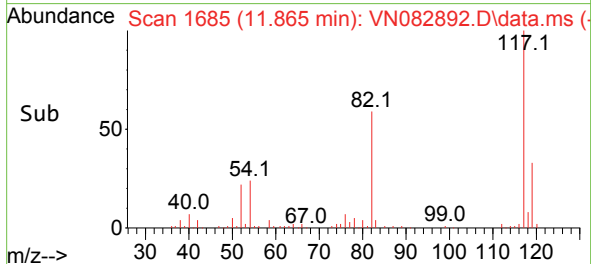
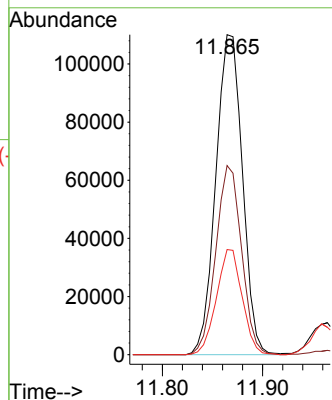
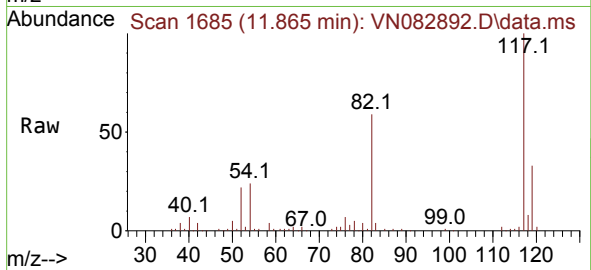
Tgt Ion:117 Resp: 203194

Ion Ratio Lower Upper

117 100

82 59.1 47.5 71.3

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 17.773 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Tgt Ion:164 Resp: 26944

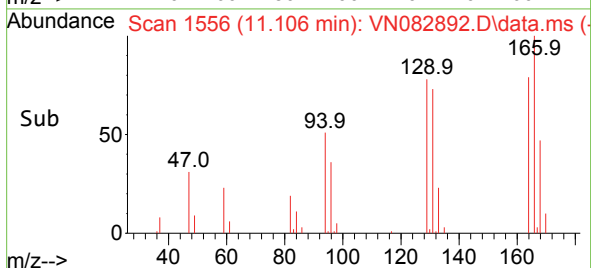
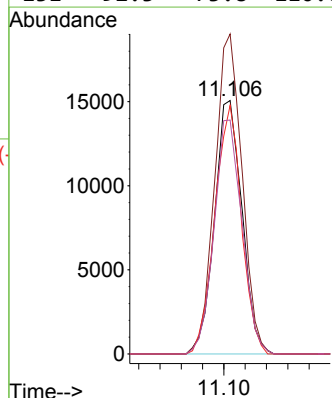
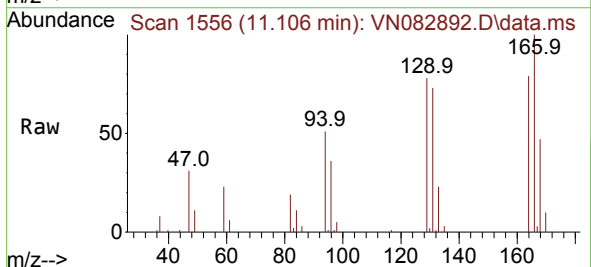
Ion Ratio Lower Upper

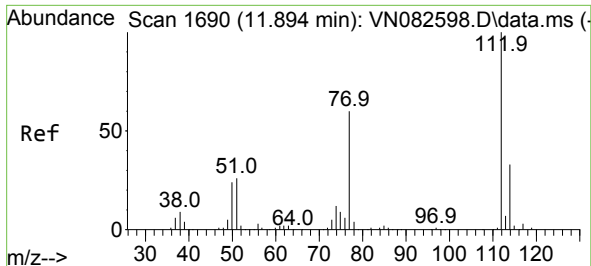
164 100

166 126.3 101.4 152.0

129 98.1 75.7 113.5

131 92.3 73.8 110.6

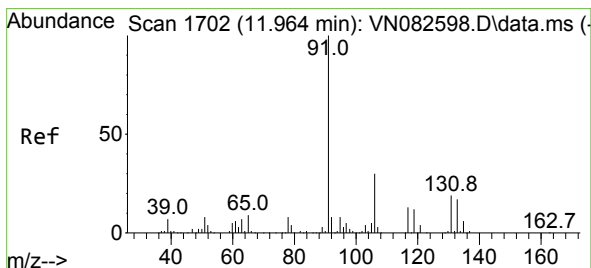
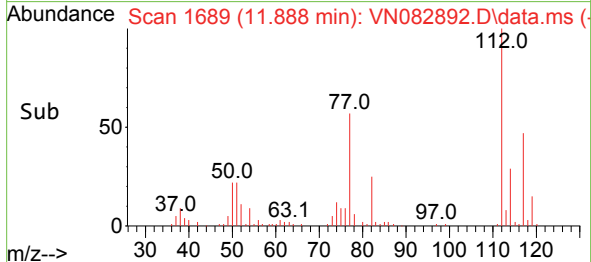
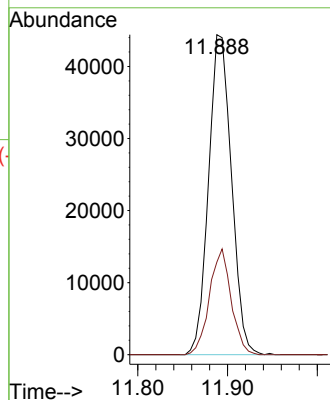
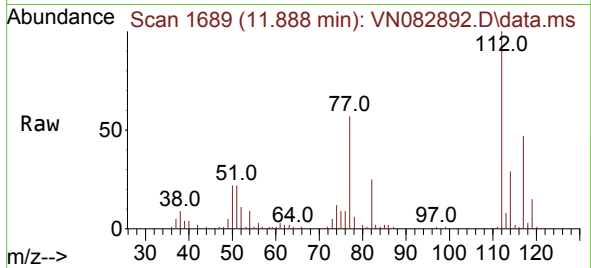




#65  
Chlorobenzene  
Concen: 18.084 ug/l  
RT: 11.888 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

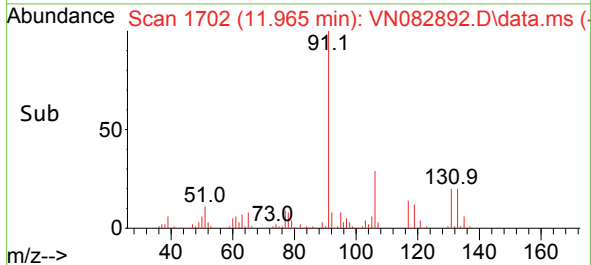
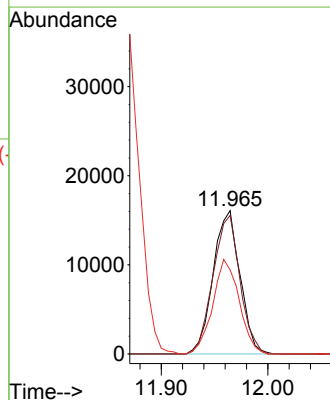
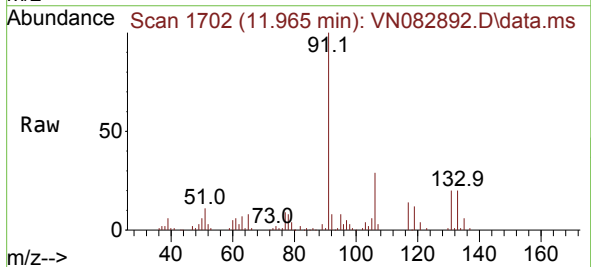
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

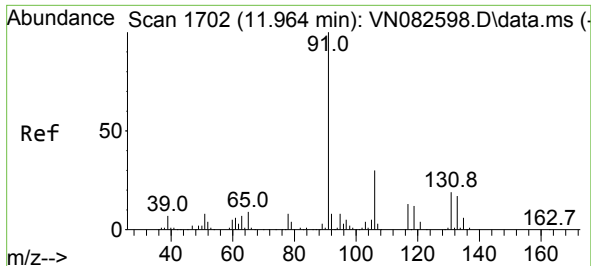
Tgt Ion:112 Resp: 78741  
Ion Ratio Lower Upper  
112 100  
114 28.9 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.109 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.001 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion:131 Resp: 28046  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.3 142.0  
119 65.2 32.5 97.4

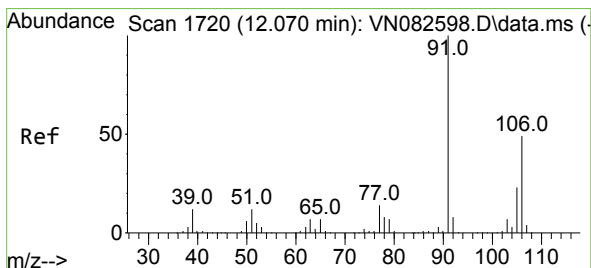
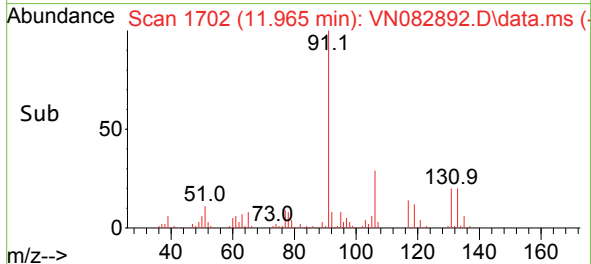
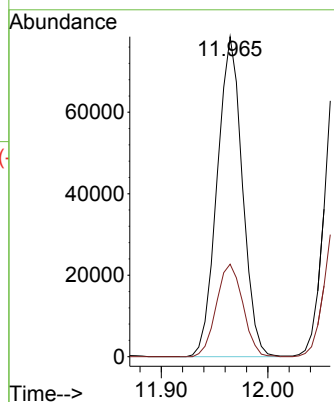
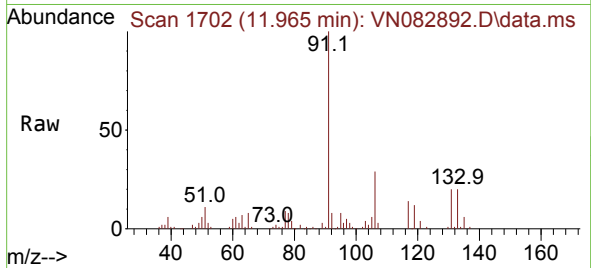




#67  
Ethyl Benzene  
Concen: 17.622 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.001 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

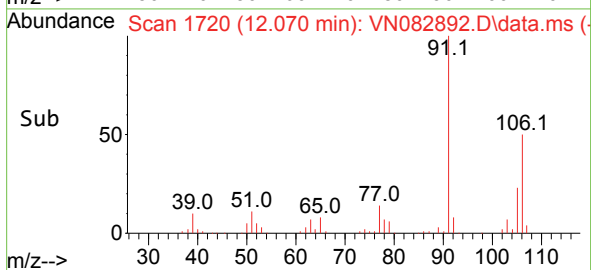
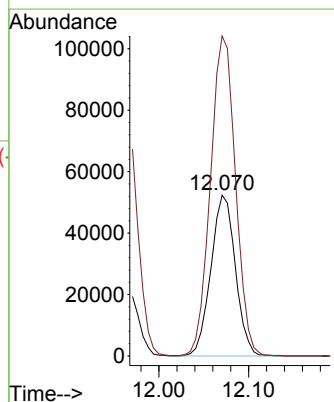
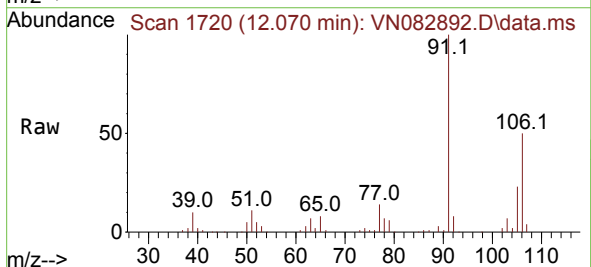
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

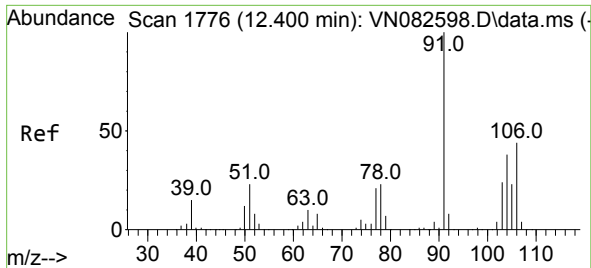
Tgt Ion: 91 Resp: 128958  
Ion Ratio Lower Upper  
91 100  
106 28.9 24.0 36.0



#68  
m/p-Xylenes  
Concen: 35.937 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion:106 Resp: 99287  
Ion Ratio Lower Upper  
106 100  
91 203.6 166.1 249.1

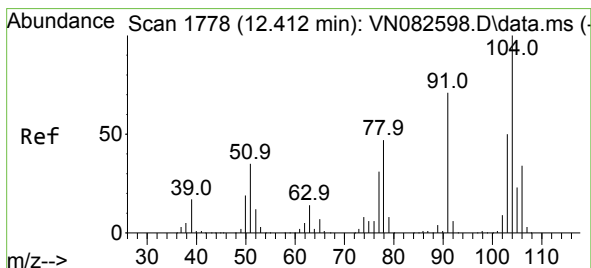
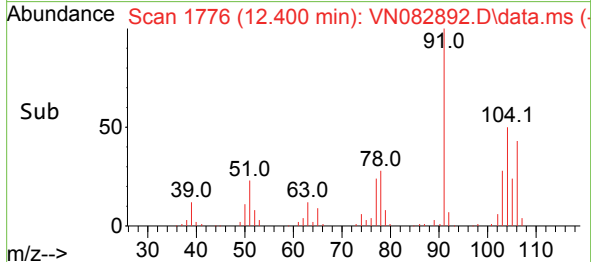
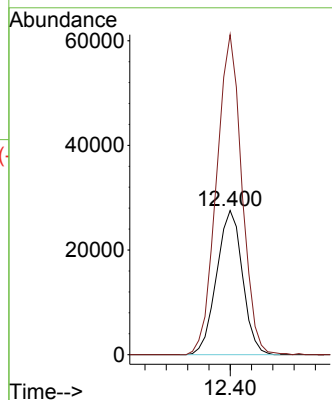
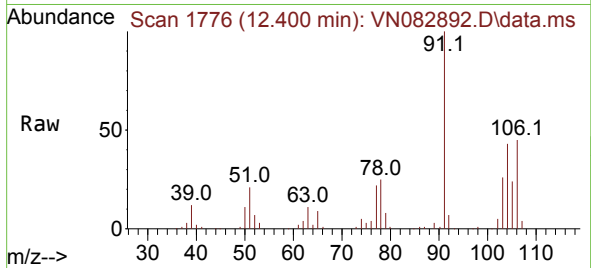




#69  
o-Xylene  
Concen: 17.557 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

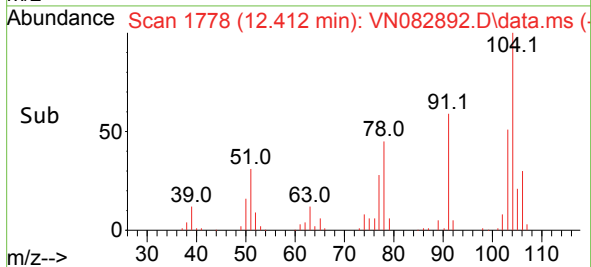
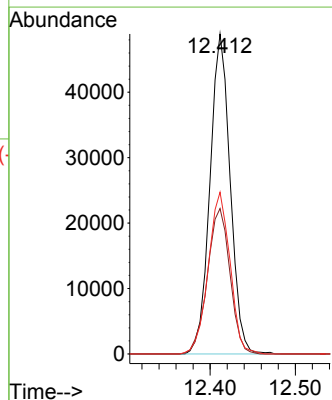
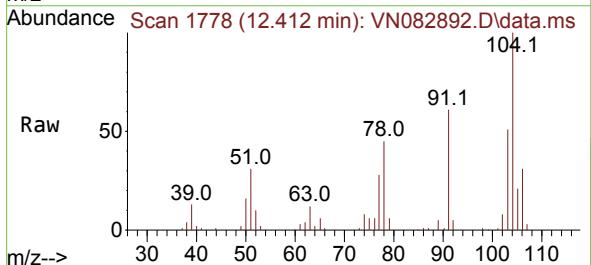
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

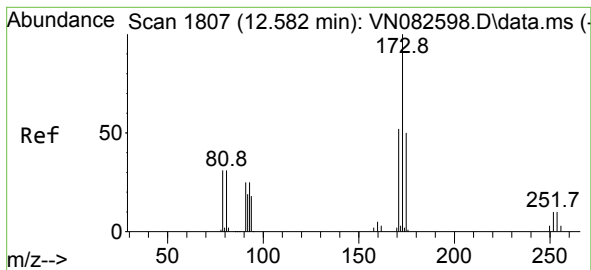
Tgt Ion:106 Resp: 46478  
Ion Ratio Lower Upper  
106 100  
91 217.7 111.3 333.9



#70  
Styrene  
Concen: 18.438 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion:104 Resp: 80648  
Ion Ratio Lower Upper  
104 100  
78 50.6 41.6 62.4  
103 54.4 44.0 66.0





#71

Bromoform

Concen: 18.122 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

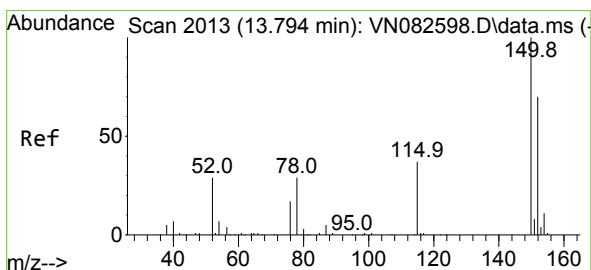
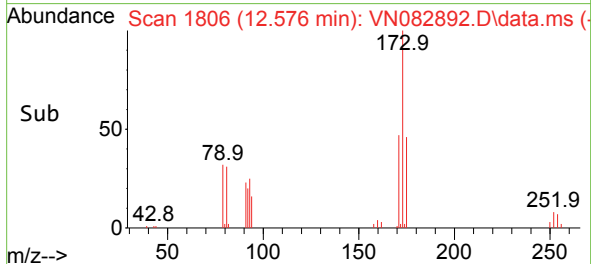
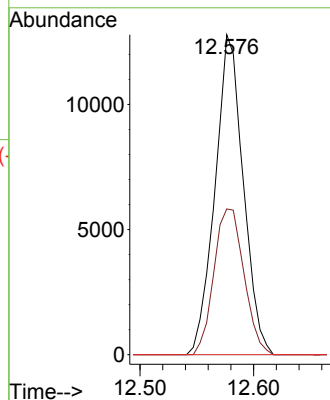
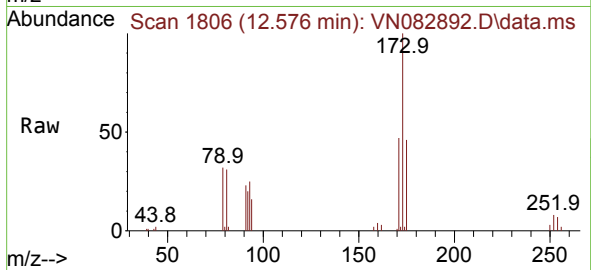
Tgt Ion:173 Resp: 22073

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

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: VN082892.D

Acq: 12 Jul 2024 12:05

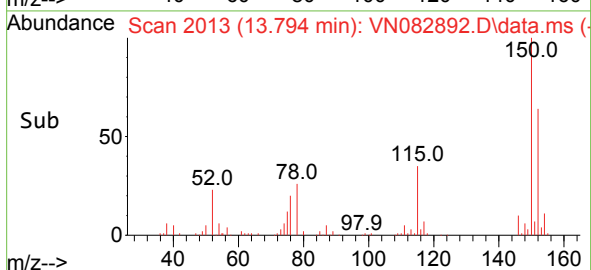
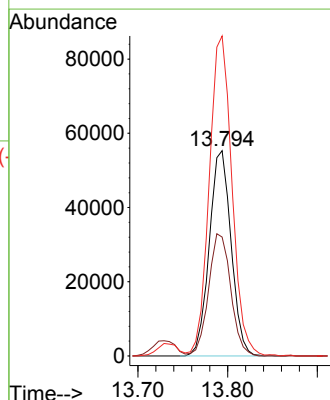
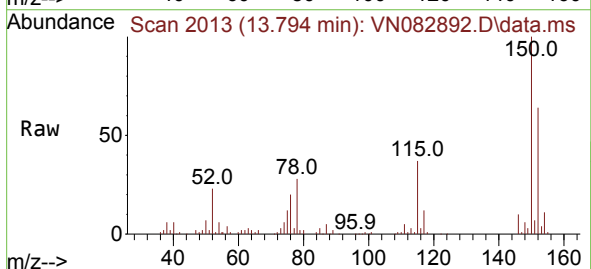
Tgt Ion:152 Resp: 93409

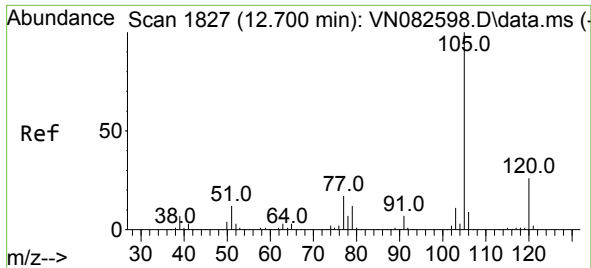
Ion Ratio Lower Upper

152 100

115 60.6 30.6 91.6

150 161.9 0.0 348.6

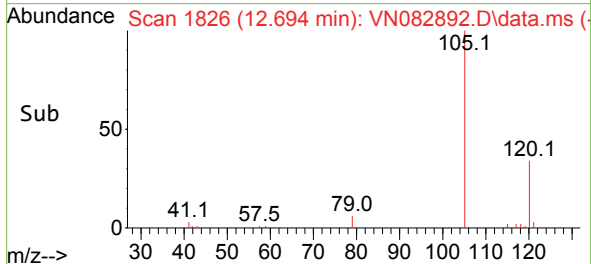
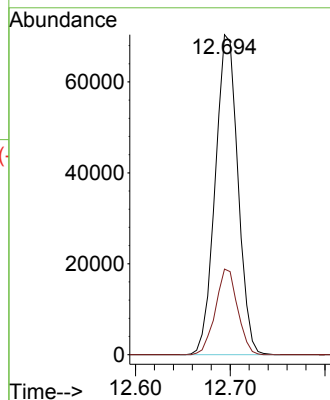
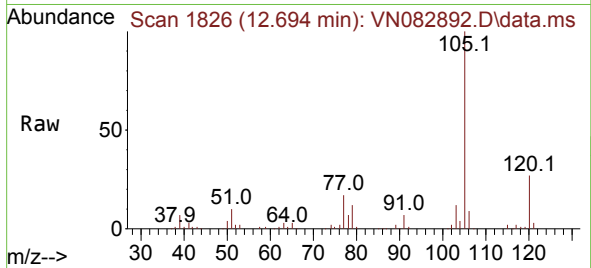




#73  
Isopropylbenzene  
Concen: 17.264 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

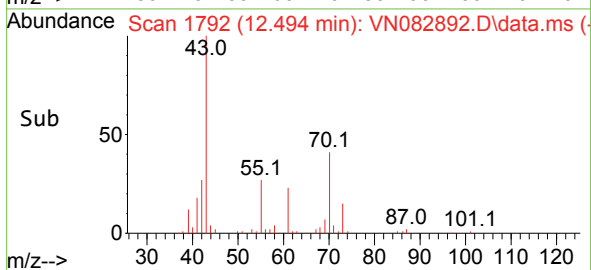
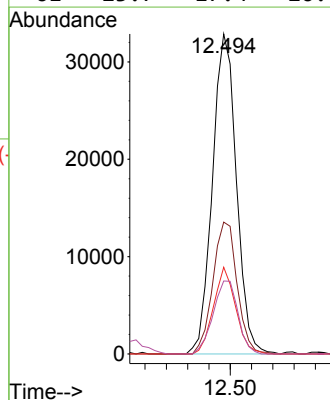
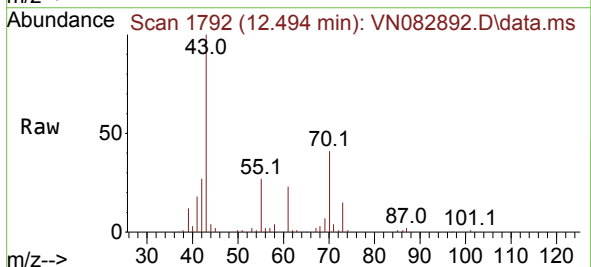
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

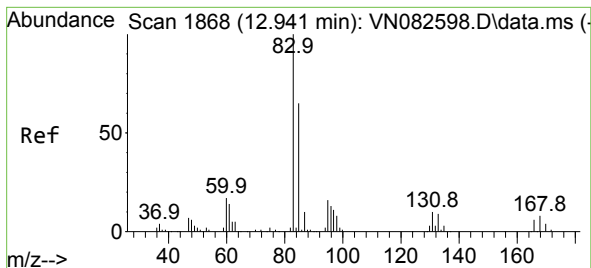
Tgt Ion:105 Resp: 117180  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.9 38.6



#74  
N-ethyl acetate  
Concen: 18.285 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 43 Resp: 51337  
Ion Ratio Lower Upper  
43 100  
70 41.7 29.8 44.6  
55 25.1 18.7 28.1  
61 23.7 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.841 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

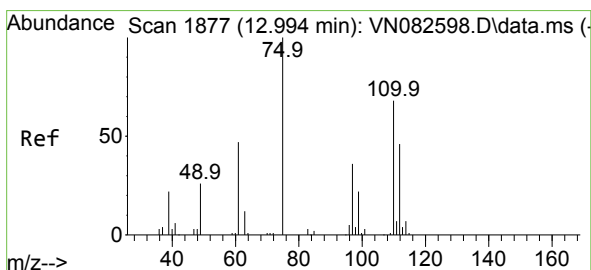
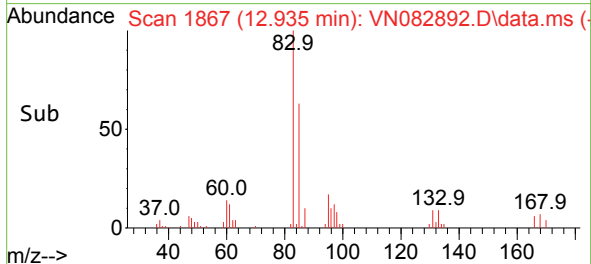
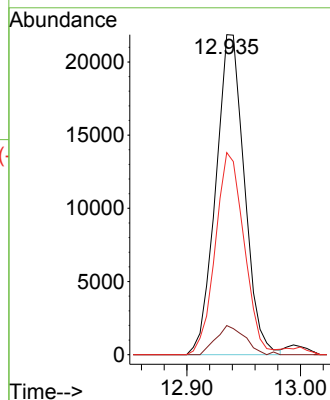
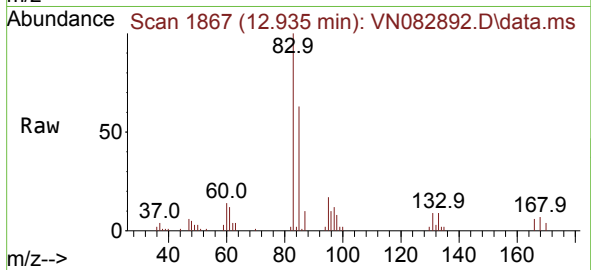
Tgt Ion: 83 Resp: 38300

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 31.448 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082892.D

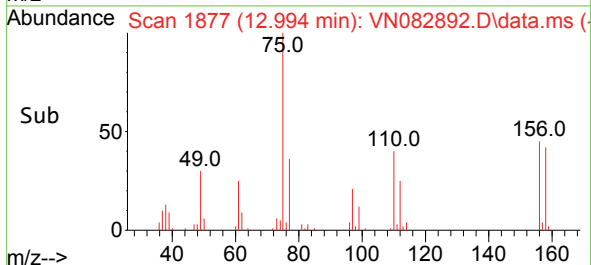
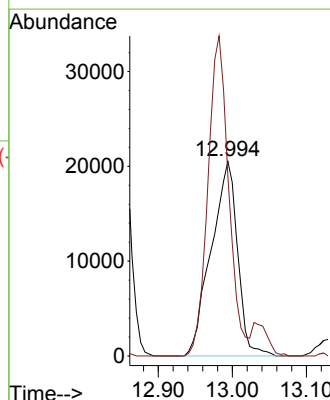
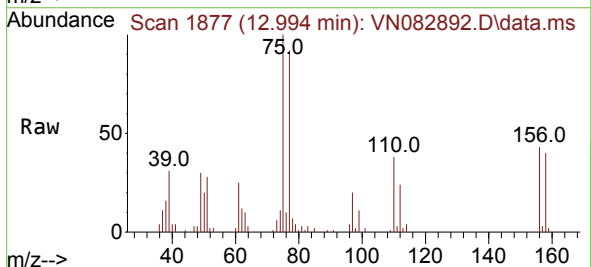
Acq: 12 Jul 2024 12:05

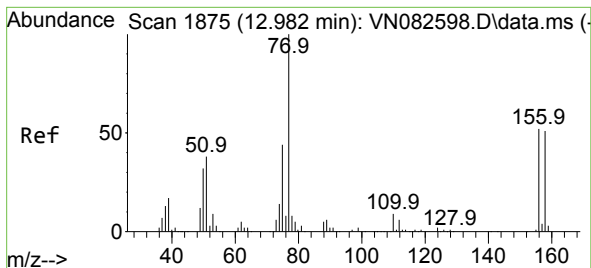
Tgt Ion: 75 Resp: 50644

Ion Ratio Lower Upper

75 100

77 130.2 110.9 332.6





#77

Bromobenzene

Concen: 17.468 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

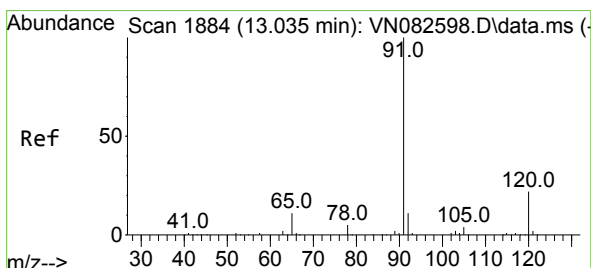
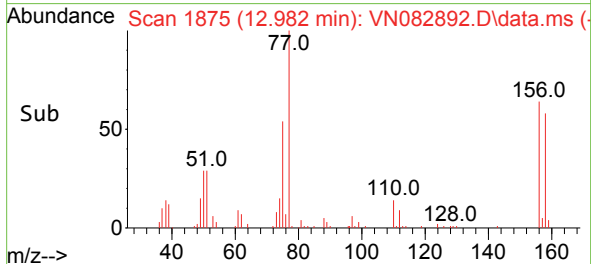
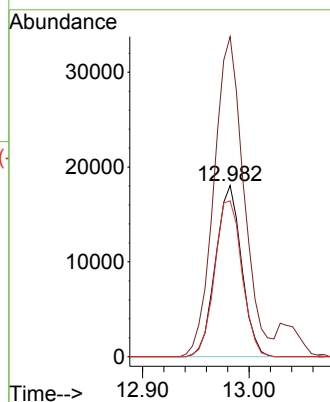
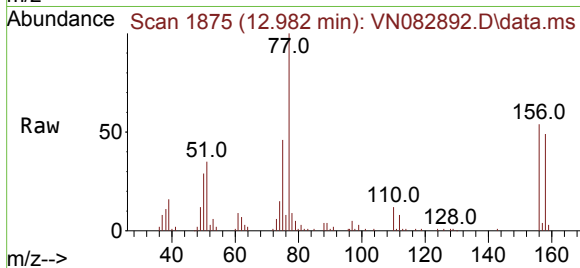
Tgt Ion:156 Resp: 30588

Ion Ratio Lower Upper

156 100

77 215.5 111.3 333.8

158 95.5 48.3 144.9



#78

n-propylbenzene

Concen: 17.455 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082892.D

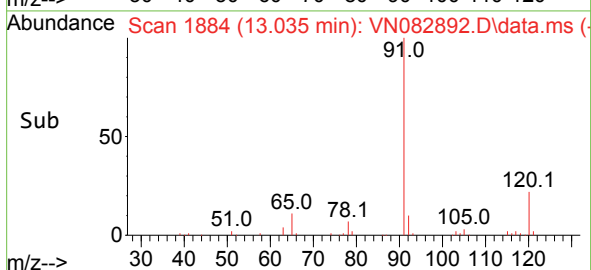
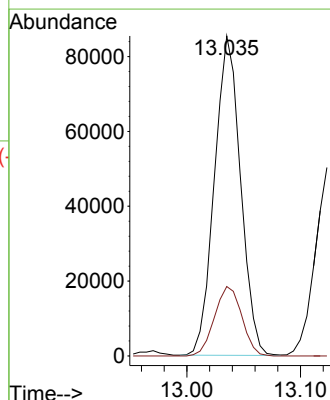
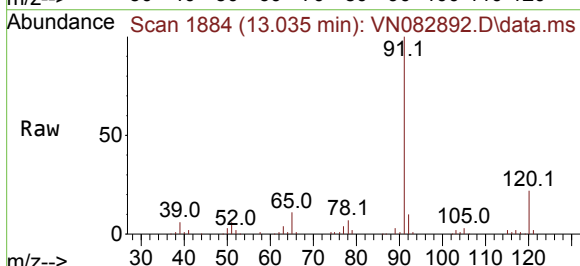
Acq: 12 Jul 2024 12:05

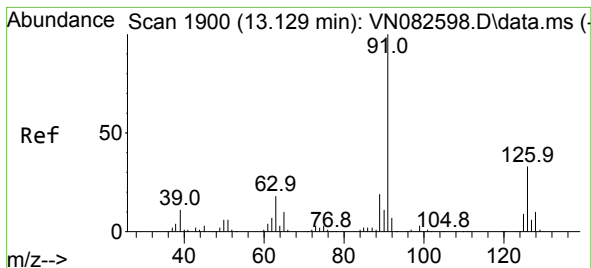
Tgt Ion: 91 Resp: 136220

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 17.624 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

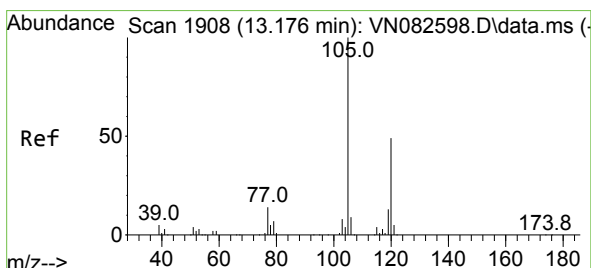
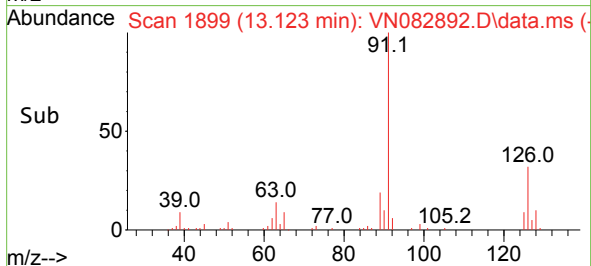
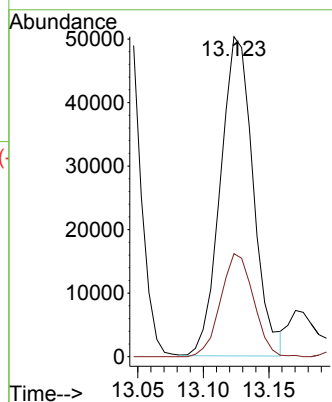
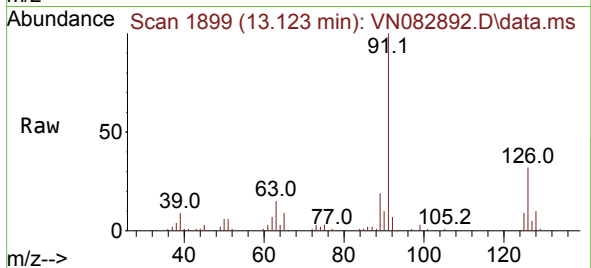
VN0712WBS01

Tgt Ion: 91 Resp: 87636

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 17.891 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082892.D

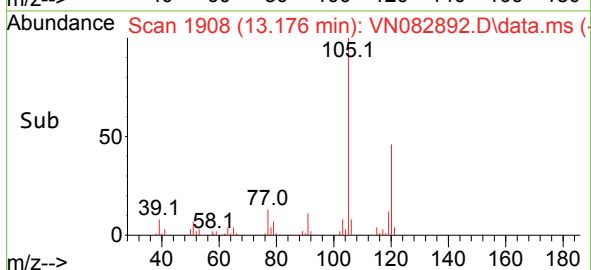
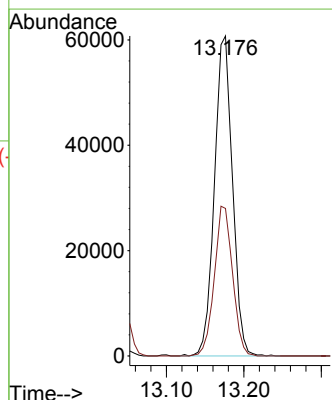
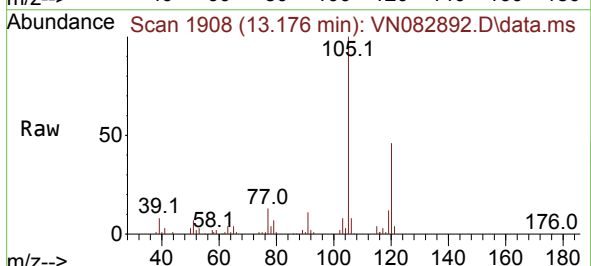
Acq: 12 Jul 2024 12:05

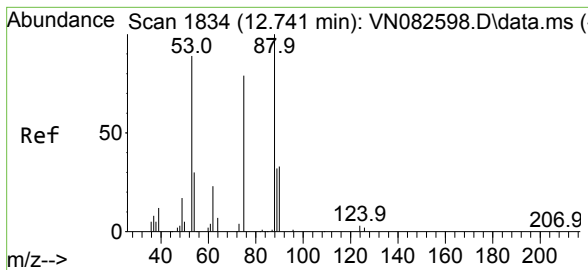
Tgt Ion:105 Resp: 98161

Ion Ratio Lower Upper

105 100

120 47.2 24.3 72.8

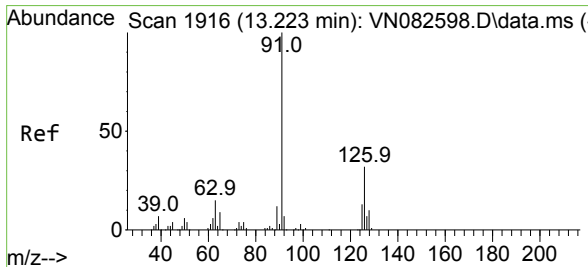
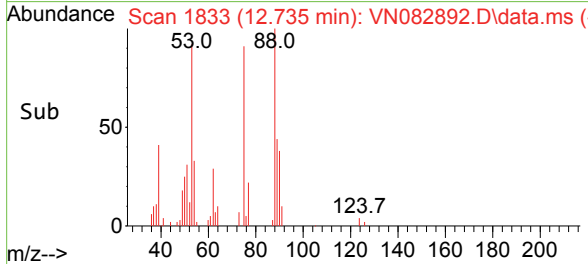
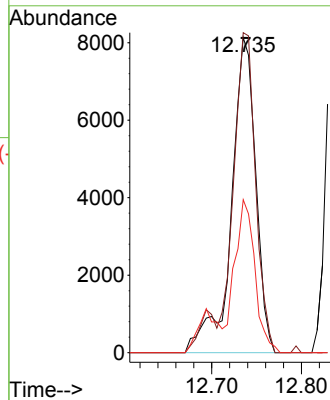
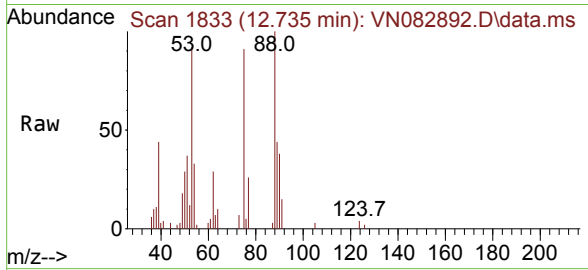




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.802 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. -0.006 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

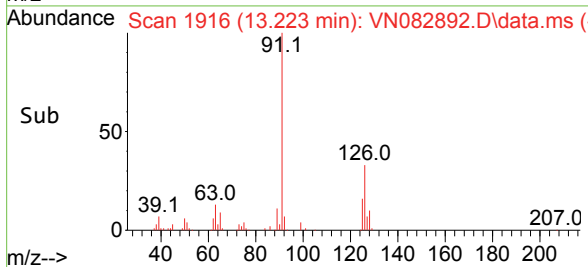
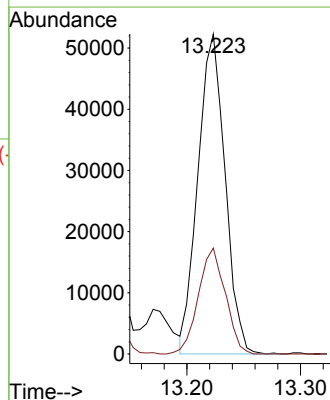
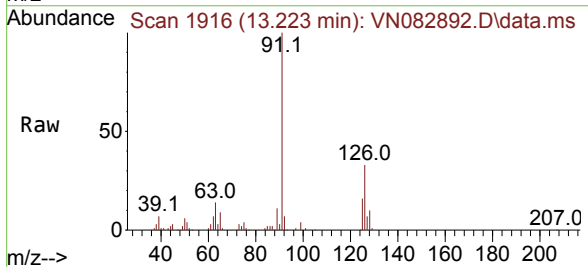
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

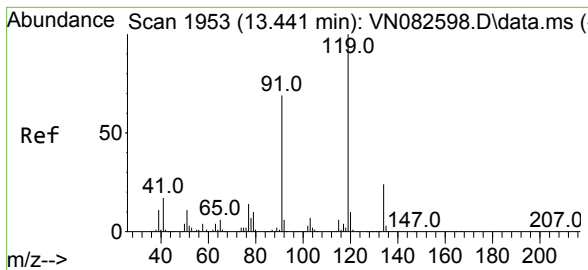
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15396 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 91.0  | 88.4  | 132.6 |
| 89       | 40.3  | 36.3  | 54.5  |



#82  
 4-Chlorotoluene  
 Concen: 17.637 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 86804 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 32.9  | 16.2  | 48.6  |

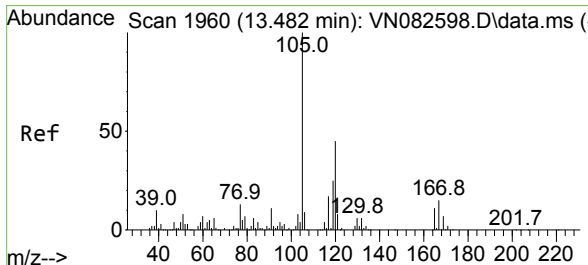
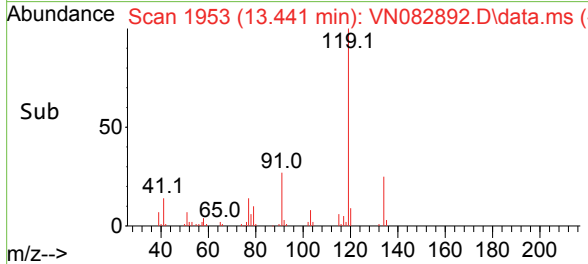
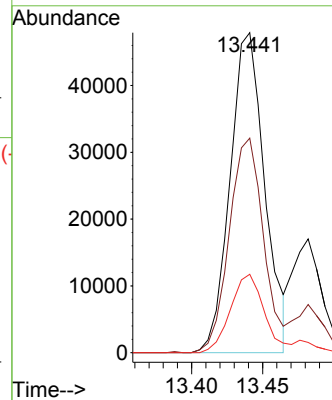
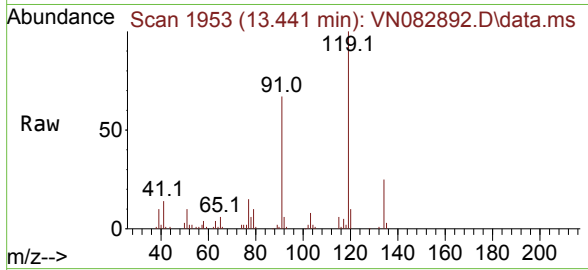




#83  
 tert-Butylbenzene  
 Concen: 16.750 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

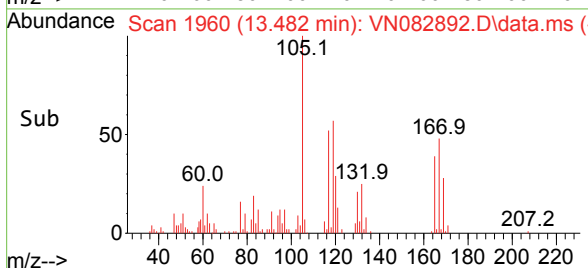
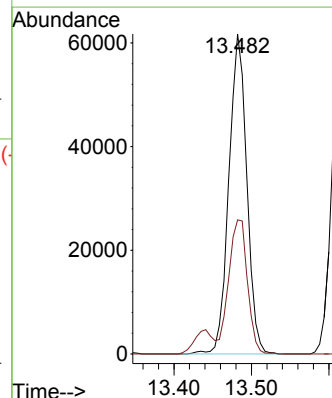
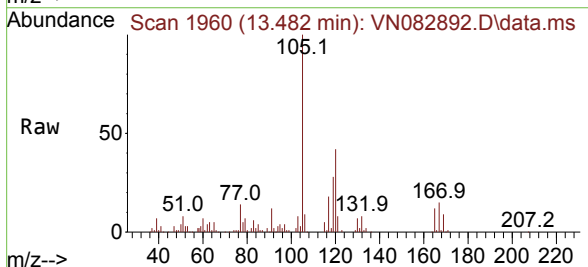
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

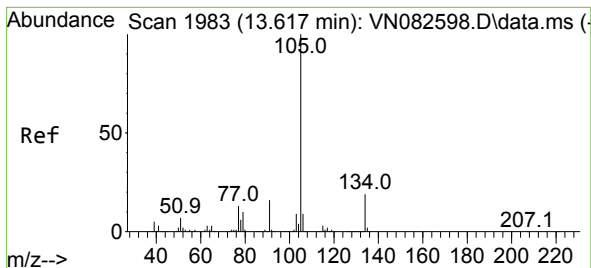
Tgt Ion:119 Resp: 81473  
 Ion Ratio Lower Upper  
 119 100  
 91 66.3 35.0 105.1  
 134 24.1 13.3 39.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.747 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

Tgt Ion:105 Resp: 99242  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 17.196 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

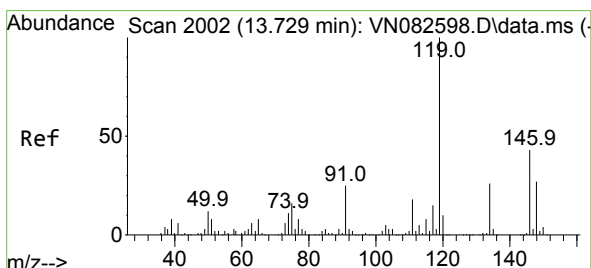
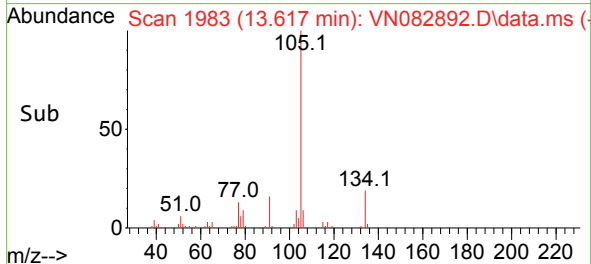
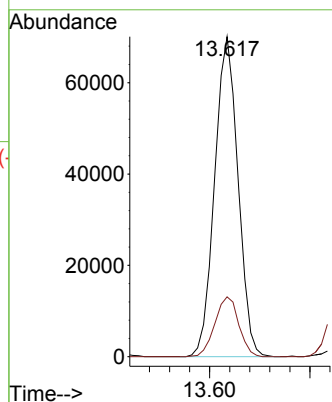
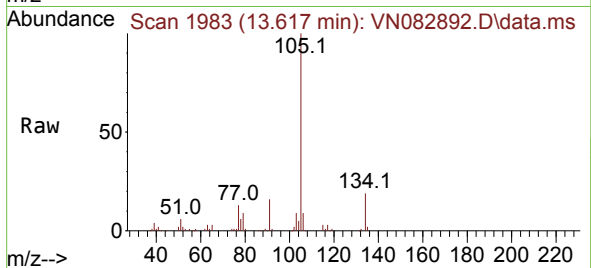
VN0712WBS01

Tgt Ion:105 Resp: 113031

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 16.504 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

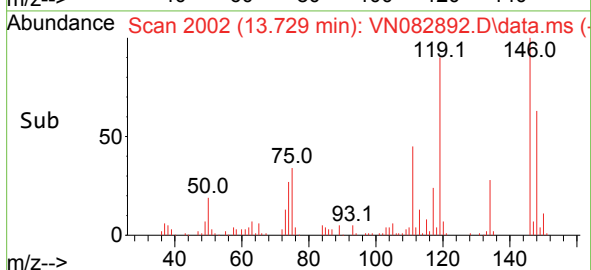
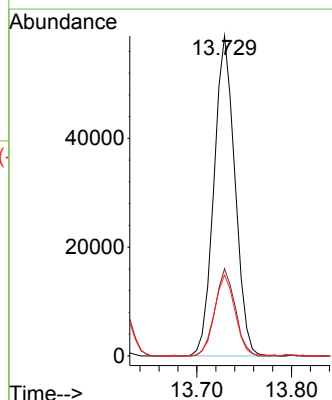
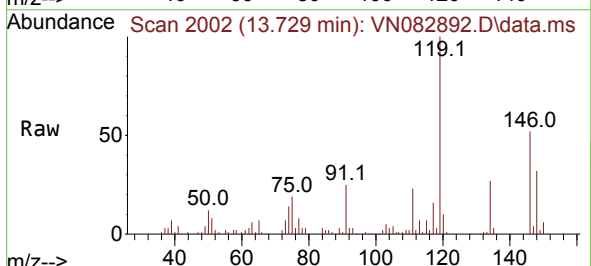
Tgt Ion:119 Resp: 90507

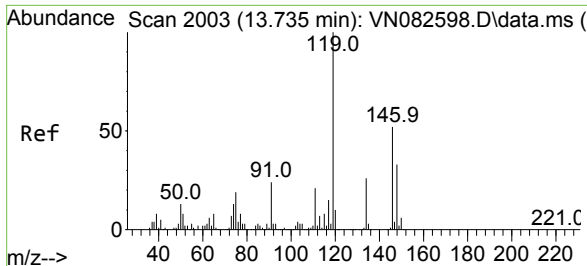
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 25.1 12.3 36.9

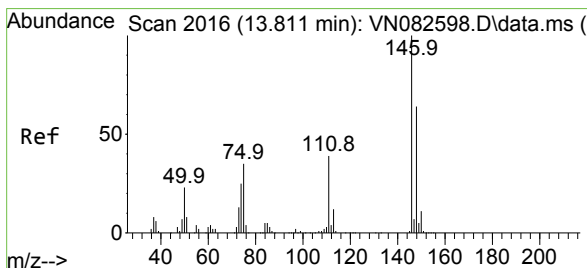
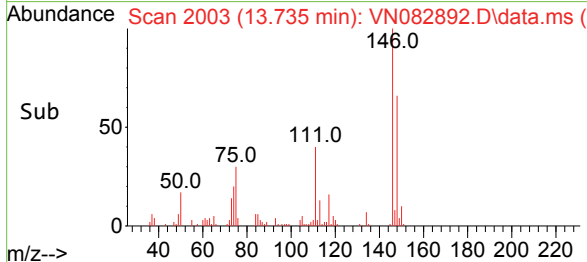
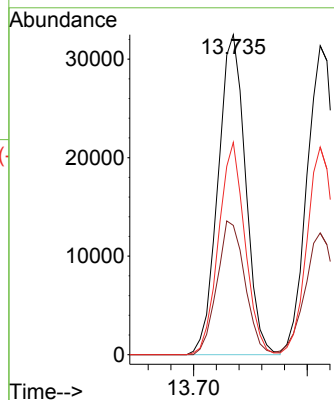
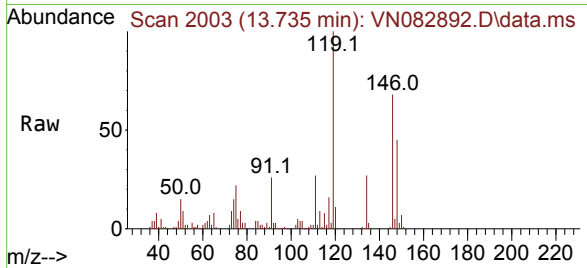




#87  
 1,3-Dichlorobenzene  
 Concen: 17.275 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

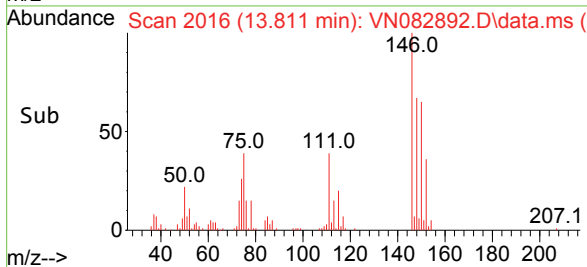
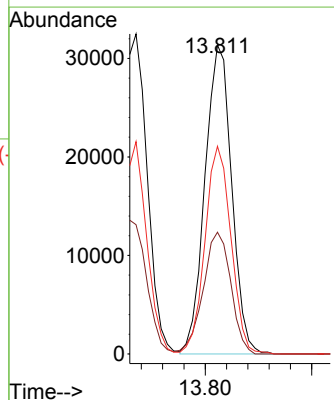
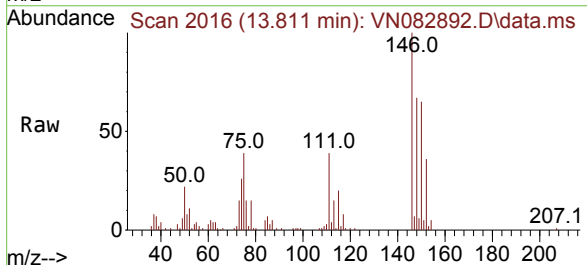
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0712WBS01

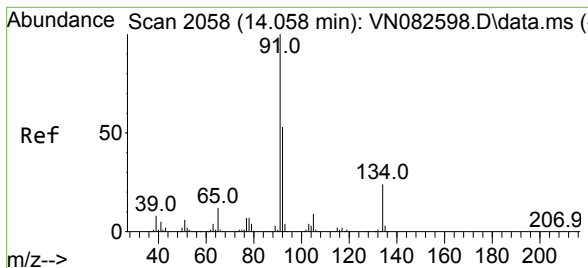
Tgt Ion:146 Resp: 54645  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 20.6 61.9  
 148 63.5 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 16.741 ug/l  
 RT: 13.811 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN082892.D  
 Acq: 12 Jul 2024 12:05

Tgt Ion:146 Resp: 54765  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.1 60.3  
 148 65.4 32.2 96.6





#89

n-Butylbenzene

Concen: 16.118 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01

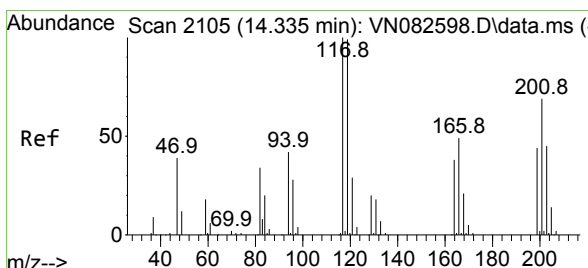
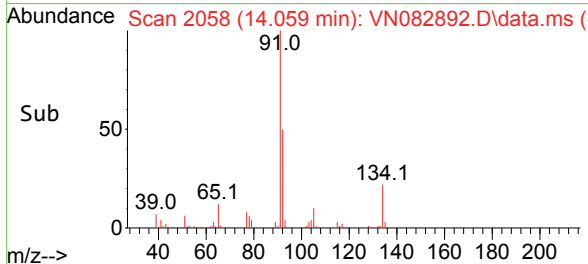
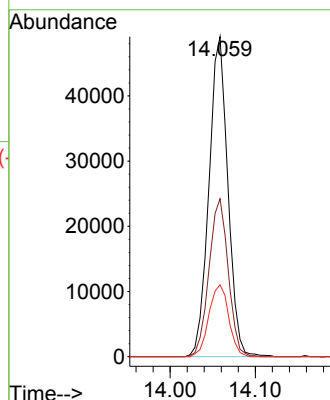
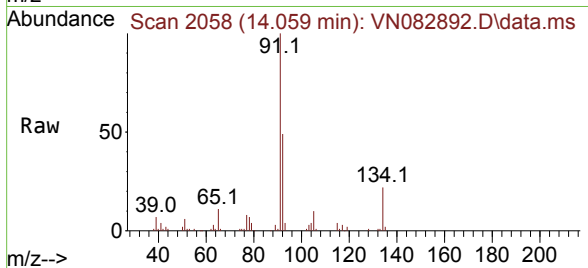
Tgt Ion: 91 Resp: 75726

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.3

134 23.5 12.1 36.3



#90

Hexachloroethane

Concen: 16.688 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082892.D

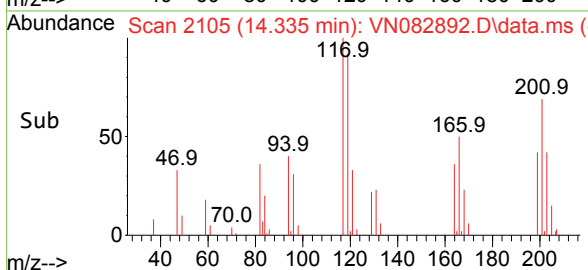
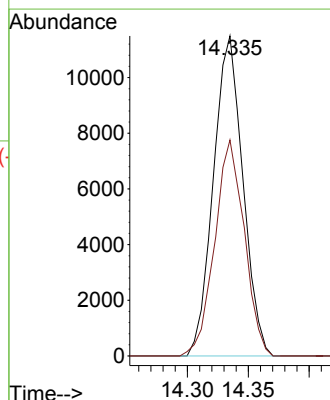
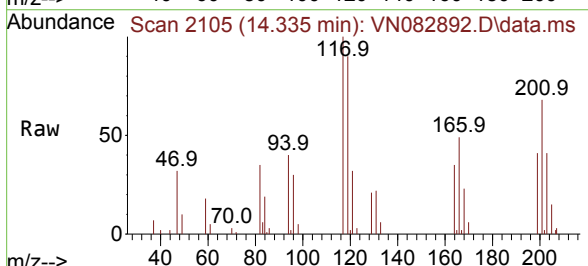
Acq: 12 Jul 2024 12:05

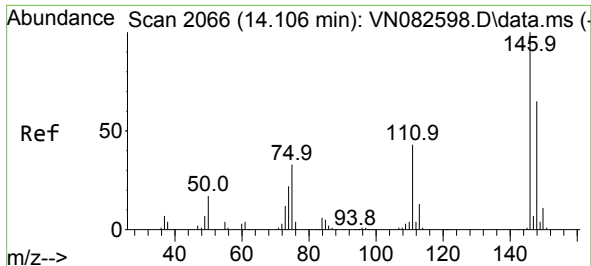
Tgt Ion: 117 Resp: 19365

Ion Ratio Lower Upper

117 100

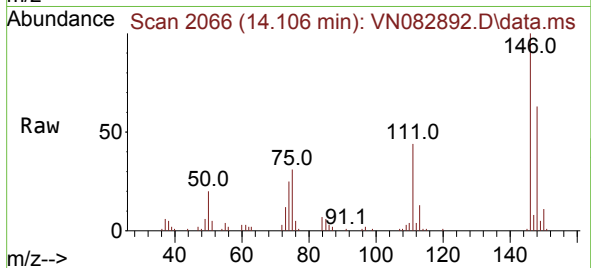
201 67.7 35.8 107.3



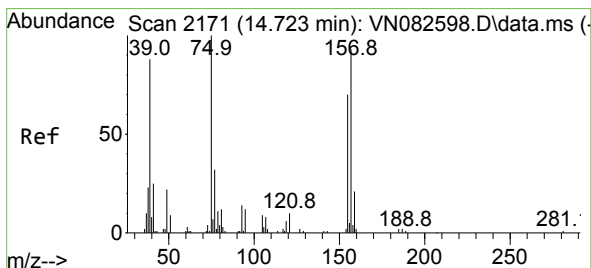
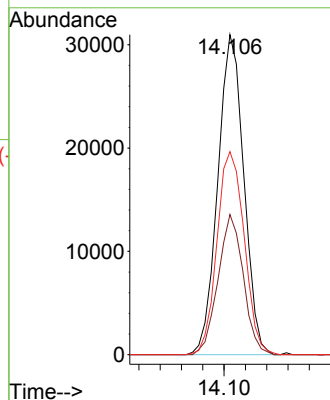
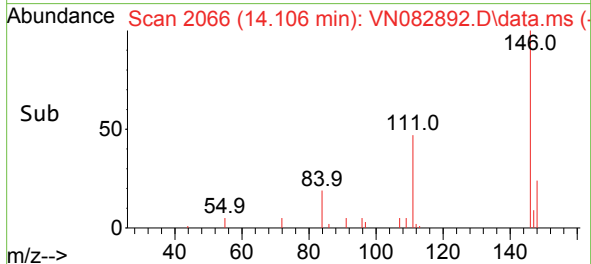


#91  
1,2-Dichlorobenzene  
Concen: 17.067 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

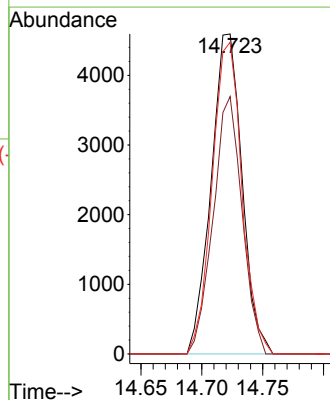
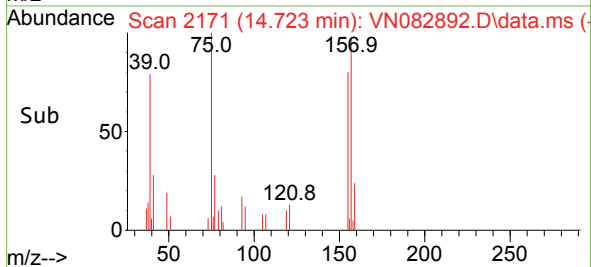
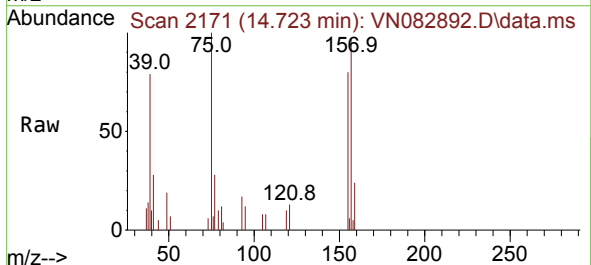


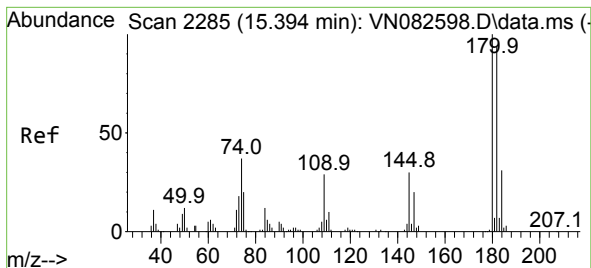
Tgt Ion:146 Resp: 52418  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.4 64.2  
148 66.6 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.253 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Tgt Ion: 75 Resp: 8114  
Ion Ratio Lower Upper  
75 100  
155 75.2 36.6 109.8  
157 93.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 15.569 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082892.D

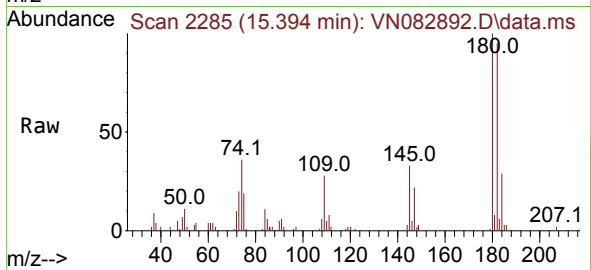
Acq: 12 Jul 2024 12:05

Instrument :

MSVOA\_N

ClientSampleId :

VN0712WBS01



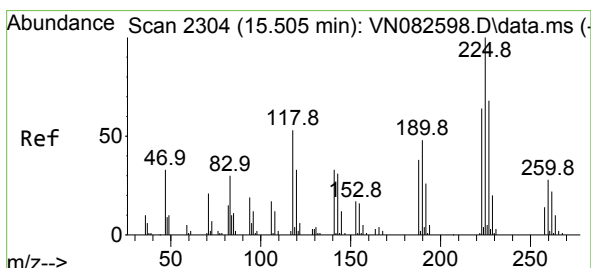
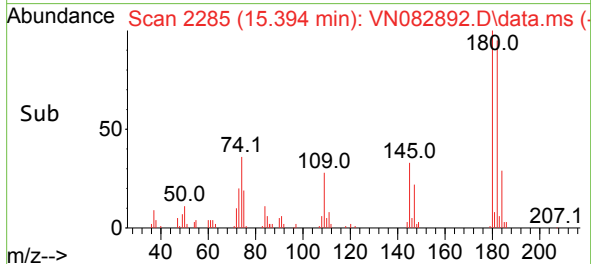
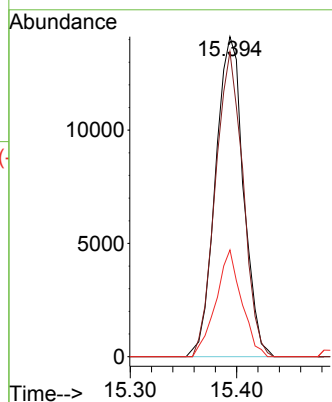
Tgt Ion:180 Resp: 25757

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 30.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 16.124 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

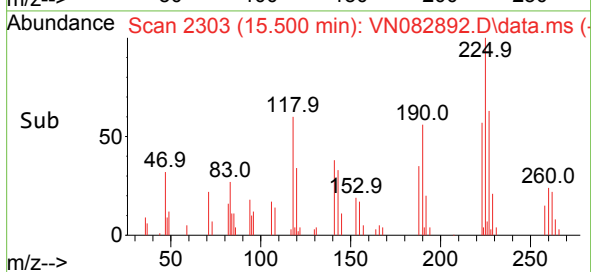
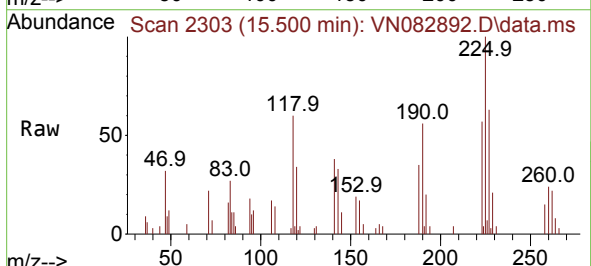
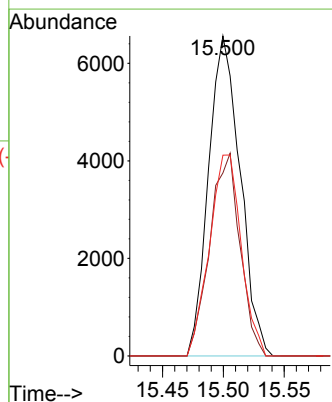
Tgt Ion:225 Resp: 11825

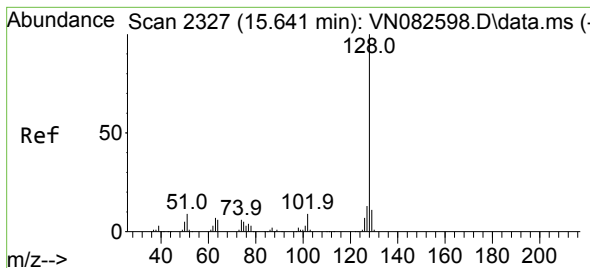
Ion Ratio Lower Upper

225 100

223 60.5 31.9 95.7

227 63.4 32.5 97.5

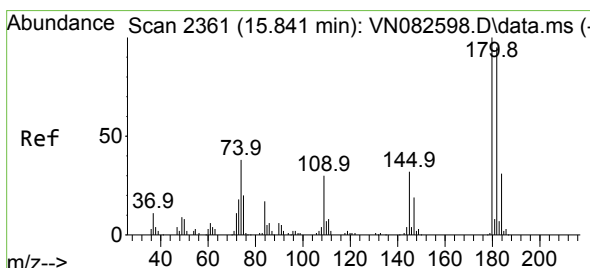
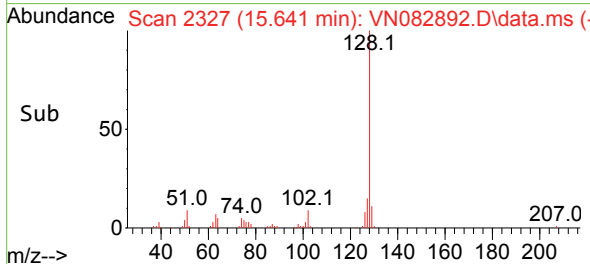
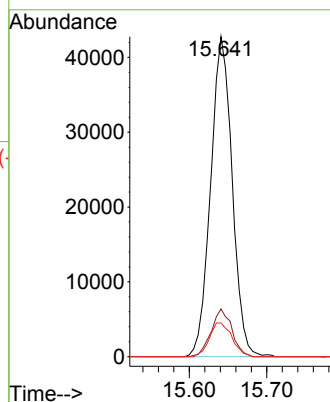
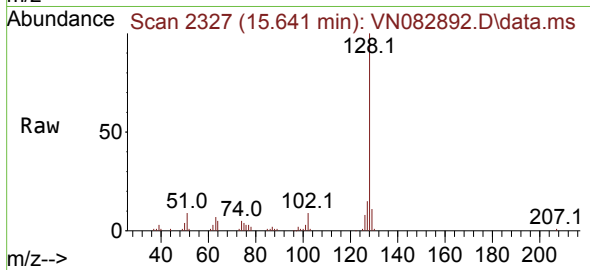




#95  
Naphthalene  
Concen: 14.590 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0712WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 82673 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.3  | 10.6  | 16.0  |
| 129      | 11.1  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 15.137 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN082892.D  
Acq: 12 Jul 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 25749 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.1  | 48.9  | 146.8 |
| 145      | 33.7  | 16.8  | 50.4  |

