

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071624\  
 Data File : VN082933.D  
 Acq On : 16 Jul 2024 14:01  
 Operator : JC\MD  
 Sample : VN0716WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 17 00:54:23 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  | 90560    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 158250   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 147215   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 68052    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 73398    | 57.818   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 115.640% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 54114    | 53.291   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.580% |      |
| 50) Toluene-d8              | 10.570 | 98    | 201924   | 53.839   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 107.680% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 67063    | 49.778   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 99.560%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 23083  | 19.688  | ug/l   | 96  |
| 3) Chloromethane             | 2.359 | 50  | 21189  | 19.057  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.512 | 62  | 25320  | 21.683  | ug/l   | 98  |
| 5) Bromomethane              | 2.947 | 94  | 18698  | 22.208  | ug/l   | 96  |
| 6) Chloroethane              | 3.106 | 64  | 18232  | 22.815  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 32504  | 19.353  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.965 | 74  | 11393  | 19.820  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 4.359 | 101 | 19702  | 20.726  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.577 | 142 | 14830  | 15.217  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.535 | 59  | 23580  | 110.436 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 17259  | 18.669  | ug/l   | 85  |
| 13) Acrolein                 | 4.183 | 56  | 17671  | 114.632 | ug/l   | 100 |
| 14) Allyl chloride           | 5.018 | 41  | 25180  | 17.469  | ug/l # | 96  |
| 15) Acrylonitrile            | 5.724 | 53  | 56907  | 115.972 | ug/l   | 98  |
| 16) Acetone                  | 4.436 | 43  | 51800  | 115.898 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 46175  | 16.715  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.036 | 43  | 31023  | 26.232  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 63151  | 19.803  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.283 | 84  | 22209  | 20.576  | ug/l # | 78  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 19363  | 19.330  | ug/l   | 86  |
| 22) Diisopropyl ether        | 6.677 | 45  | 62201  | 20.626  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.606 | 43  | 246368 | 102.877 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 37341  | 20.414  | ug/l   | 96  |
| 25) 2-Butanone               | 7.488 | 43  | 81230  | 120.365 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 31036  | 18.249  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 23785  | 20.282  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.824 | 49  | 17929  | 22.848  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 51724  | 121.742 | ug/l # | 85  |
| 30) Chloroform               | 7.971 | 83  | 41892  | 21.588  | ug/l   | 100 |
| 31) Cyclohexane              | 8.259 | 56  | 30060  | 18.112  | ug/l # | 85  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 35662  | 19.794  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 25745  | 18.389  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 32542  | 22.830  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 30726  | 18.228  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 23607  | 15.610  | ug/l   | 99  |
| 40) Benzene                  | 8.606 | 78  | 84242  | 19.561  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071624\  
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 Operator : JC\MD  
 Sample : VN0716WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 17 00:54:23 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         | 7.788  | 41   | 16653    | 21.686  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 31060    | 20.034  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 54614    | 18.448  | ug/l # | 95       |
| 44) Trichloroethene           | 9.359  | 130  | 19776    | 17.924  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 20791    | 20.679  | ug/l   | 92       |
| 46) Dibromomethane            | 9.712  | 93   | 16870    | 21.538  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.888  | 83   | 33878    | 20.933  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.682  | 41   | 23774    | 21.271  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 10828    | 439.783 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 170696   | 120.797 | ug/l   | 95       |
| 52) Toluene                   | 10.635 | 92   | 54081    | 20.103  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 33319    | 19.984  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 33395    | 18.923  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 22819    | 23.067  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 32218    | 20.934  | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 37033    | 21.149  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 93906    | 118.909 | ug/l   | 96       |
| 59) 2-Hexanone                | 11.200 | 43   | 129191   | 122.968 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.365 | 129  | 25813    | 20.487  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 22026    | 20.967  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 19580    | 17.827  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894 | 112  | 58158    | 18.436  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 22352    | 19.920  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.964 | 91   | 92956    | 17.533  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.076 | 106  | 71989    | 35.964  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 34402    | 17.937  | ug/l   | 96       |
| 70) Styrene                   | 12.412 | 104  | 59014    | 18.622  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 17491    | 19.821  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 83030    | 16.791  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 41123    | 20.105  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 33226    | 22.435  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 43845    | 37.370  | ug/l   | 37       |
| 77) Bromobenzene              | 12.982 | 156  | 21942    | 17.200  | ug/l   | 92       |
| 78) n-propylbenzene           | 13.041 | 91   | 102631   | 18.051  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 63884    | 17.635  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 69911    | 17.490  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 11981    | 20.084  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 65217    | 18.188  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 56780    | 16.023  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 72121    | 17.703  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 81974    | 17.118  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 65351    | 16.357  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 42191    | 18.308  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 42108    | 17.668  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.058 | 91   | 55249    | 16.141  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 14577    | 17.243  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 41162    | 18.396  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 7437     | 21.706  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 18726    | 15.537  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 8248     | 15.437  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 68859    | 16.681  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 20480    | 16.526  | ug/l   | 98       |

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Data File : VN082933.D  
Acq On : 16 Jul 2024 14:01  
Operator : JC\MD  
Sample : VN0716WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

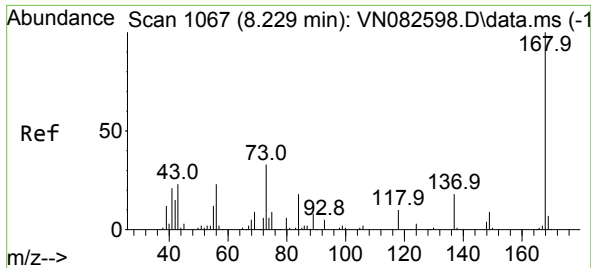
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 17 00:54:23 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

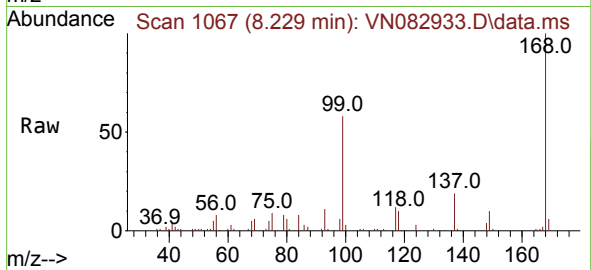
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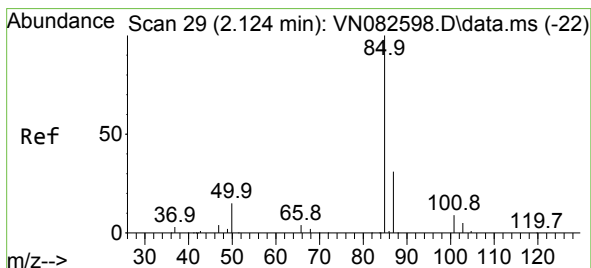
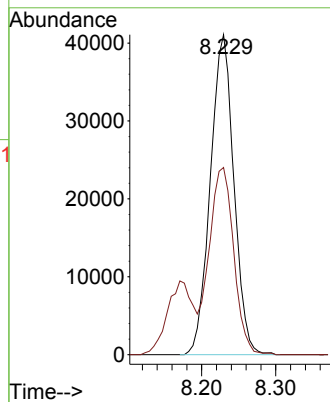
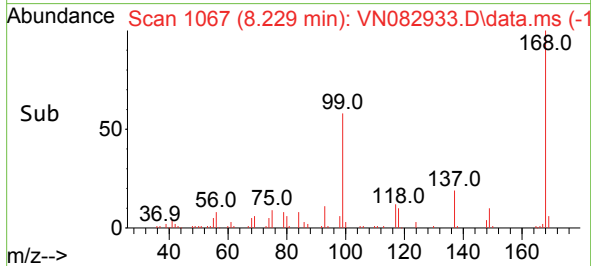


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

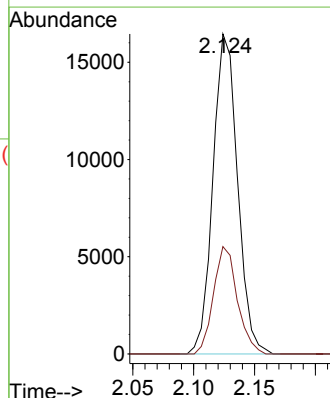
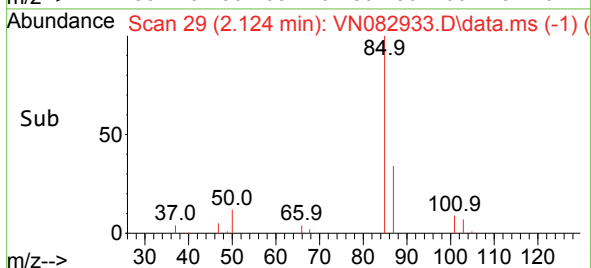
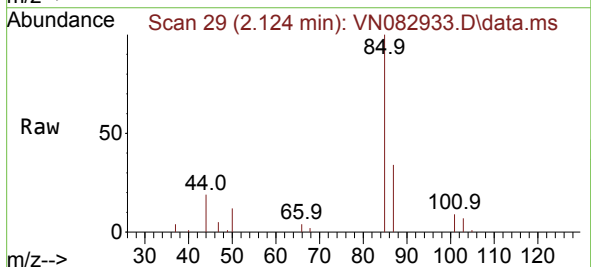


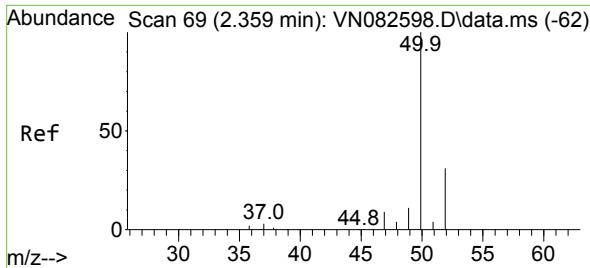
Tgt Ion:168 Resp: 90560  
Ion Ratio Lower Upper  
168 100  
99 58.5 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 19.688 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 85 Resp: 23083  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.7 47.0

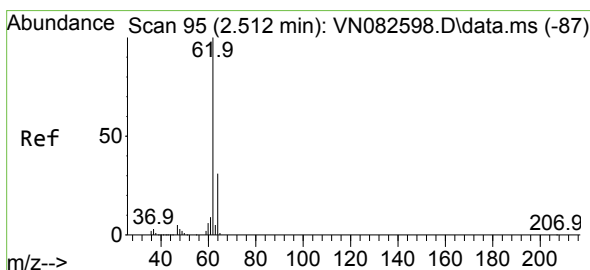
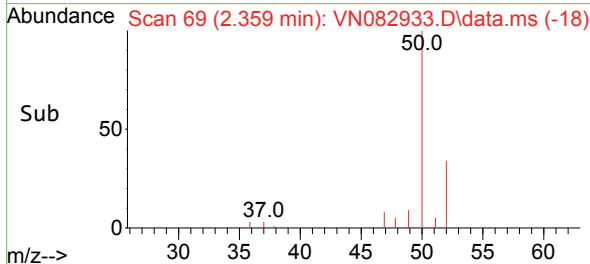
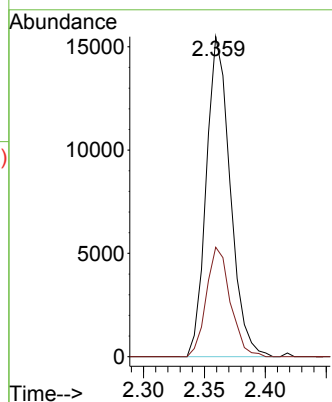
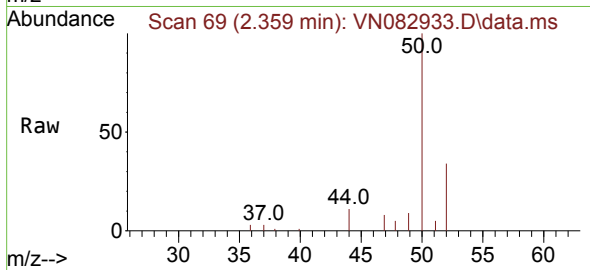




#3  
Chloromethane  
Concen: 19.057 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

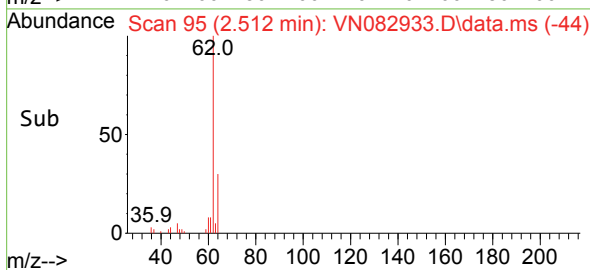
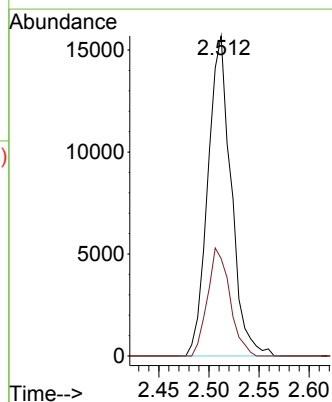
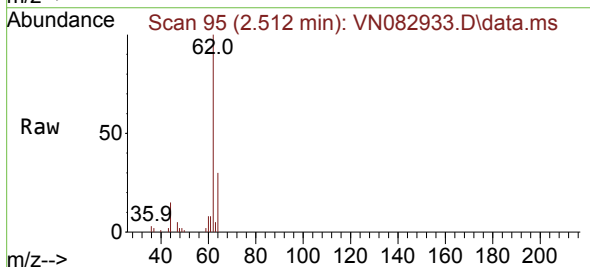
Instrument :  
MSVOA\_N  
ClientSampleId :

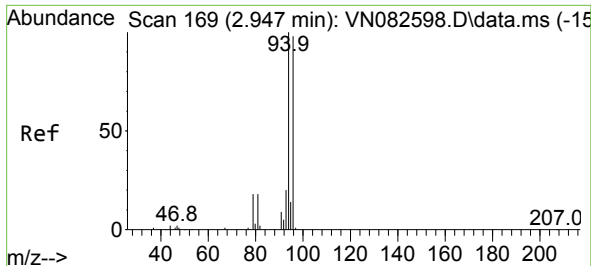
Tgt Ion: 50 Resp: 21189  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.0 37.4



#4  
Vinyl Chloride  
Concen: 21.683 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

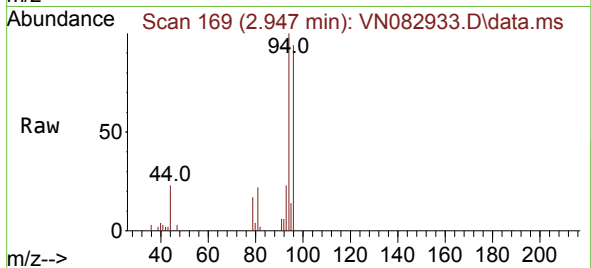
Tgt Ion: 62 Resp: 25320  
Ion Ratio Lower Upper  
62 100  
64 30.4 25.0 37.6



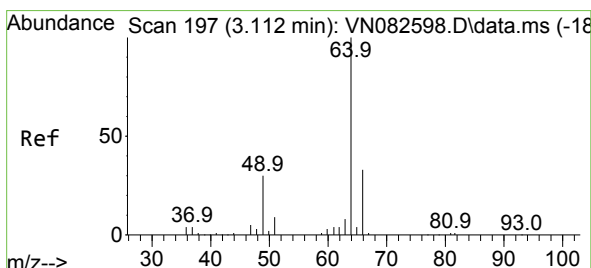
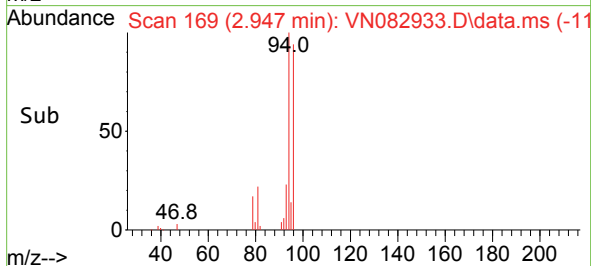
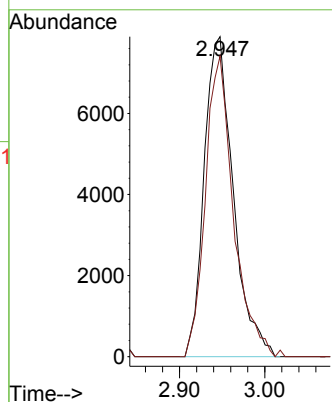


#5  
Bromomethane  
Concen: 22.208 ug/l  
RT: 2.947 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

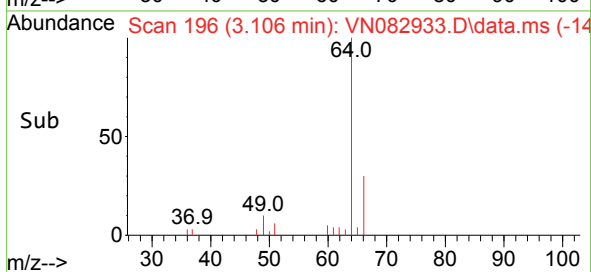
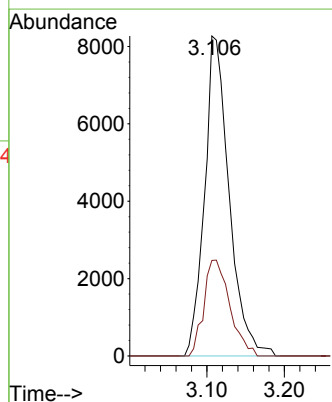
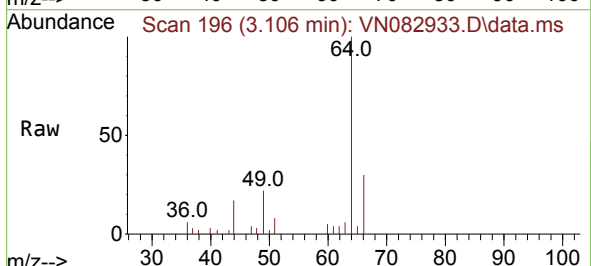


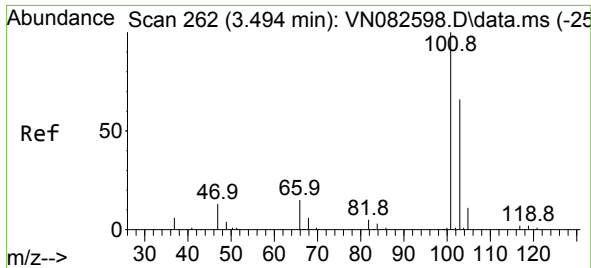
Tgt Ion: 94 Resp: 18698  
Ion Ratio Lower Upper  
94 100  
96 93.9 78.0 117.0



#6  
Chloroethane  
Concen: 22.815 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. -0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 64 Resp: 18232  
Ion Ratio Lower Upper  
64 100  
66 29.9 26.6 40.0

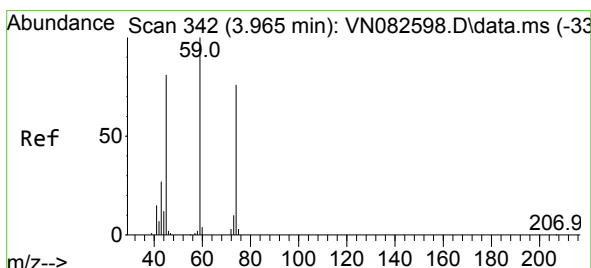
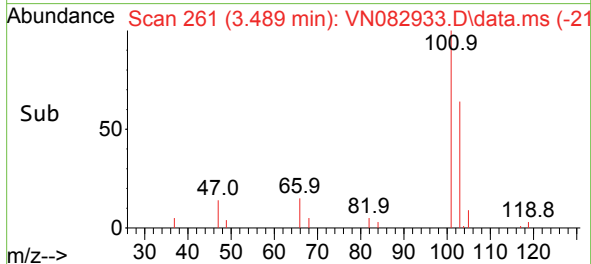
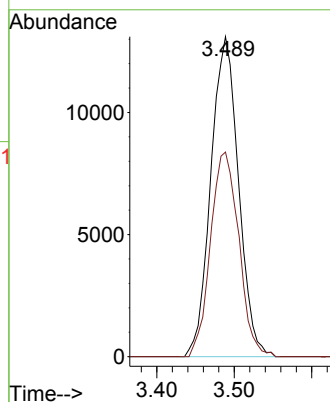
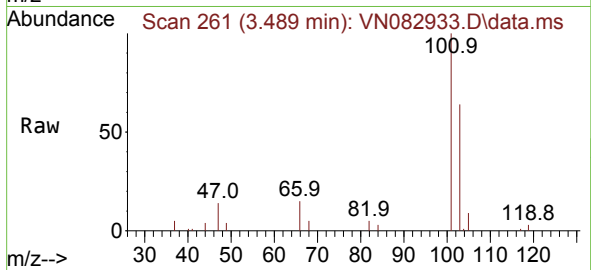




#7  
Trichlorofluoromethane  
Concen: 19.353 ug/l  
RT: 3.489 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

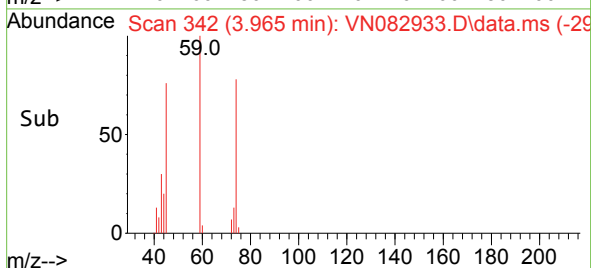
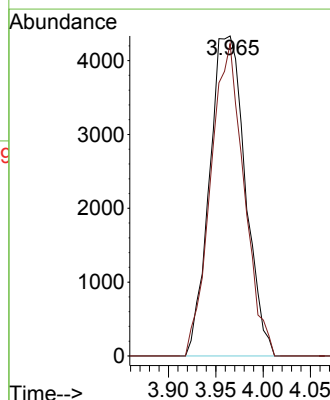
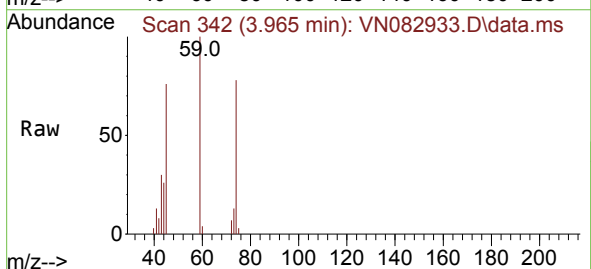
Instrument :  
MSVOA\_N  
ClientSampleId :

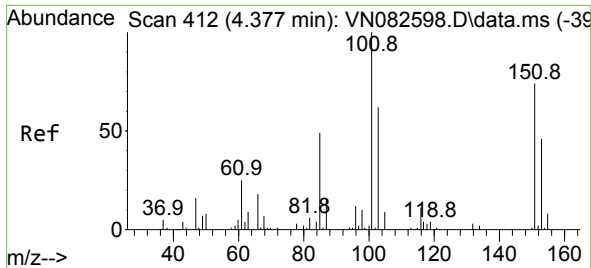
Tgt Ion:101 Resp: 32504  
Ion Ratio Lower Upper  
101 100  
103 63.9 52.7 79.1



#8  
Diethyl Ether  
Concen: 19.820 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 74 Resp: 11393  
Ion Ratio Lower Upper  
74 100  
45 91.0 55.5 166.3

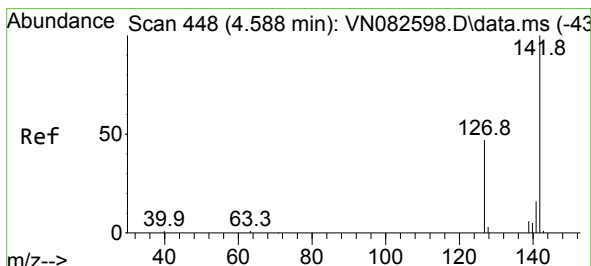
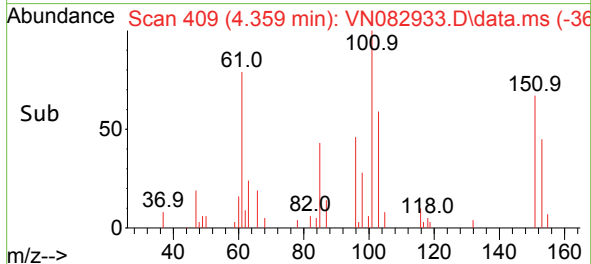
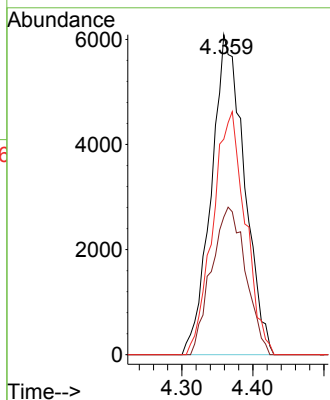
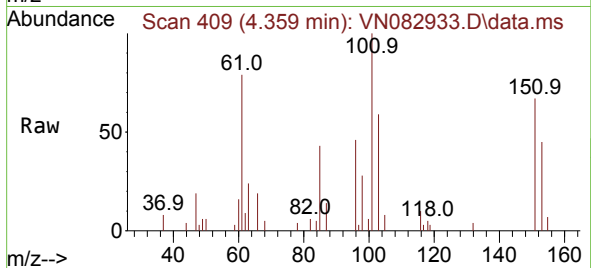




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.726 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.018 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

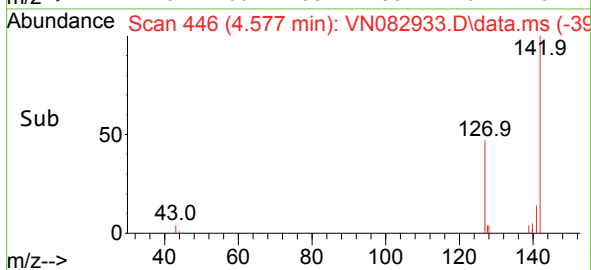
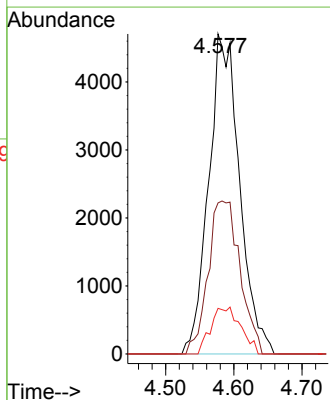
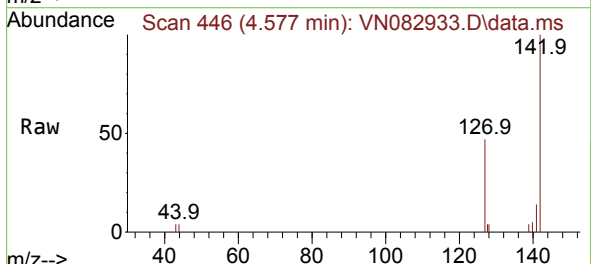
Instrument :  
MSVOA\_N  
ClientSampleId :

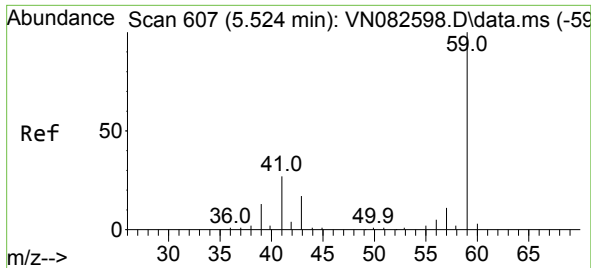
Tgt Ion:101 Resp: 19702  
Ion Ratio Lower Upper  
101 100  
85 47.8 38.3 57.5  
151 74.7 59.3 88.9



#10  
Methyl Iodide  
Concen: 15.217 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.011 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

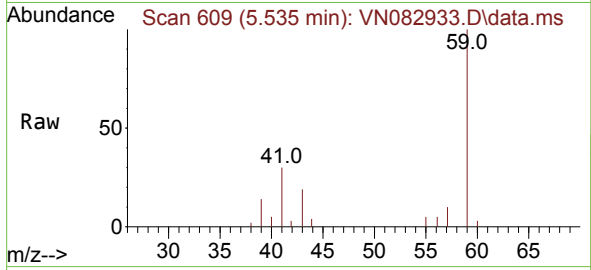
Tgt Ion:142 Resp: 14830  
Ion Ratio Lower Upper  
142 100  
127 47.2 37.5 56.3  
141 14.3 13.1 19.7



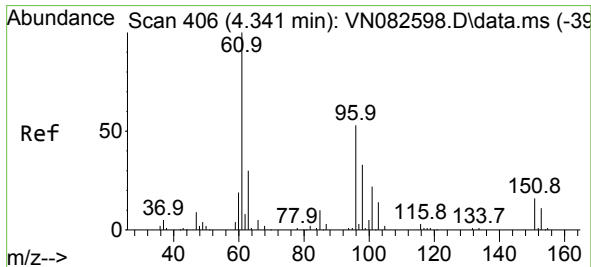
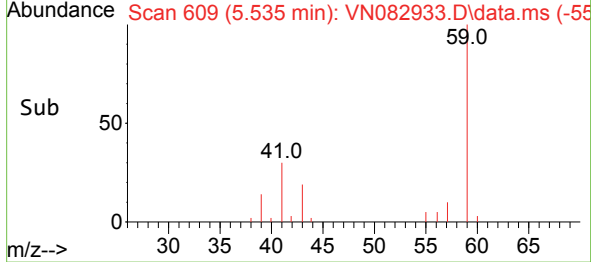
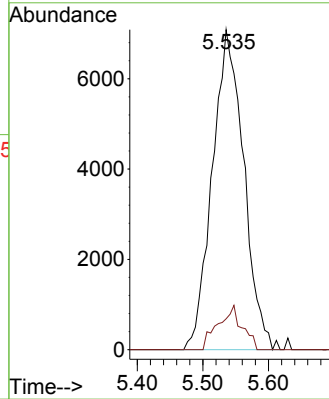


#11  
Tert butyl alcohol  
Concen: 110.436 ug/l  
RT: 5.535 min Scan# 607  
Delta R.T. 0.011 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

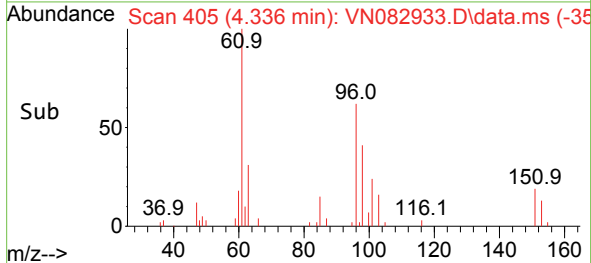
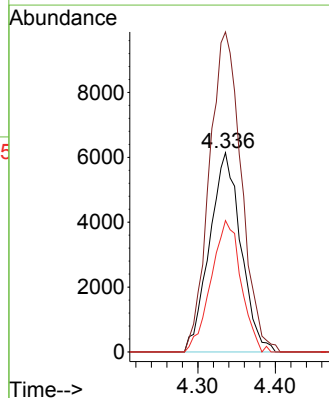
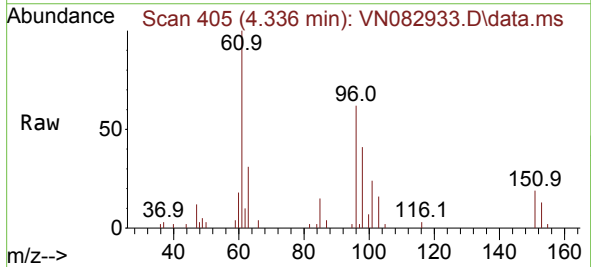


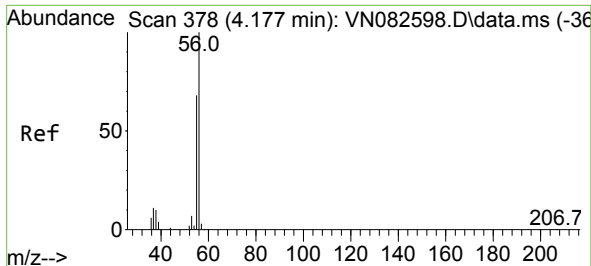
Tgt Ion: 59 Resp: 23580  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.9 13.3



#12  
1,1-Dichloroethene  
Concen: 18.669 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

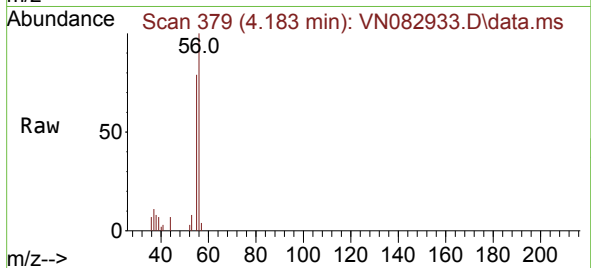
Tgt Ion: 96 Resp: 17259  
Ion Ratio Lower Upper  
96 100  
61 160.6 149.7 224.5  
98 66.0 50.1 75.1



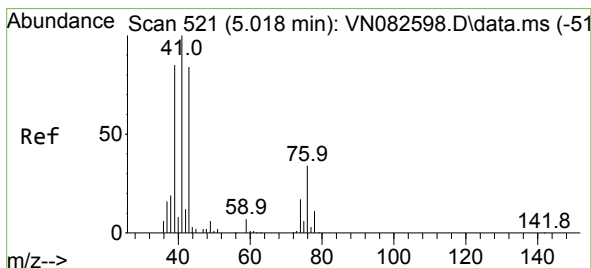
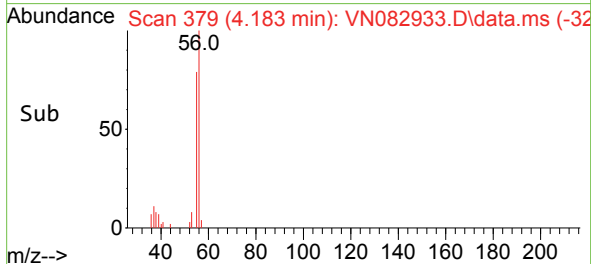
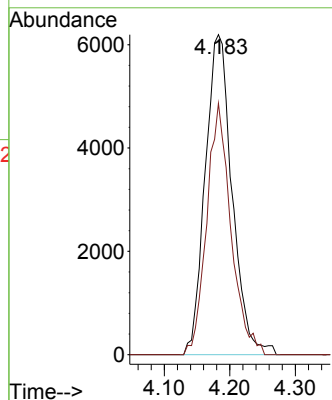


#13  
Acrolein  
Concen: 114.632 ug/l  
RT: 4.183 min Scan# 378  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

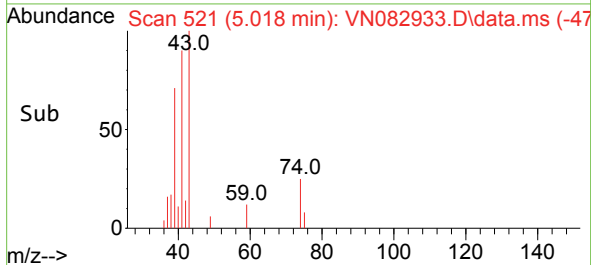
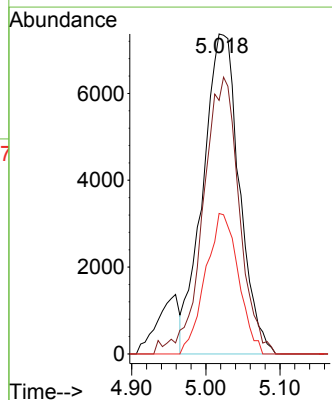
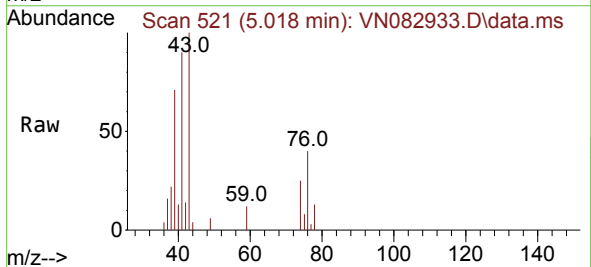


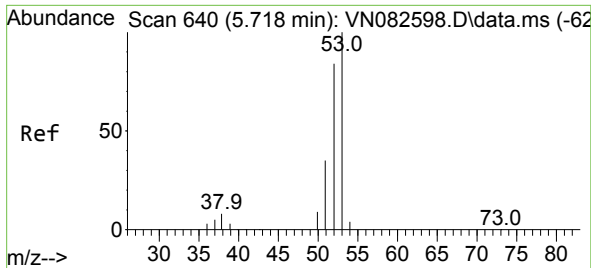
Tgt Ion: 56 Resp: 17671  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.4 84.6



#14  
Allyl chloride  
Concen: 17.469 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 41 Resp: 25180  
Ion Ratio Lower Upper  
41 100  
39 85.6 67.8 101.6  
76 39.6 25.8 38.8#

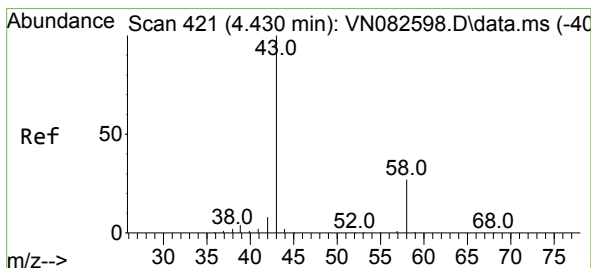
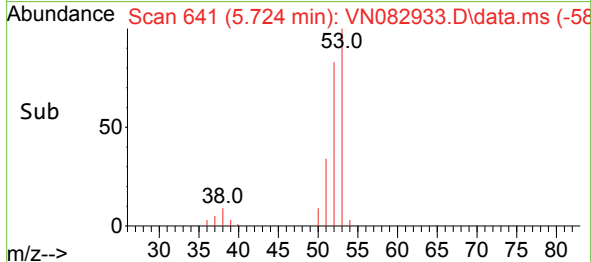
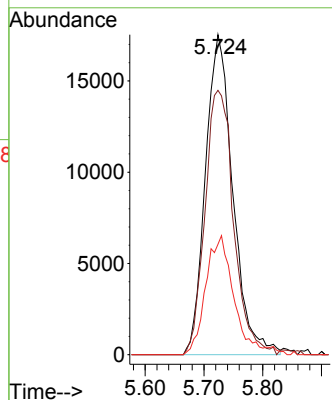
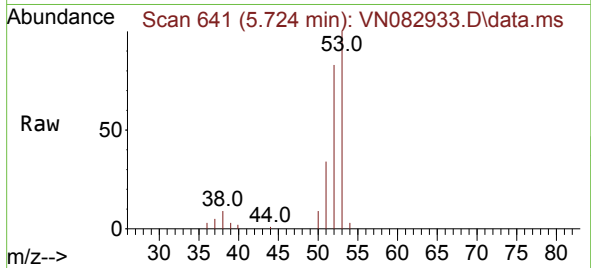




#15  
Acrylonitrile  
Concen: 115.972 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

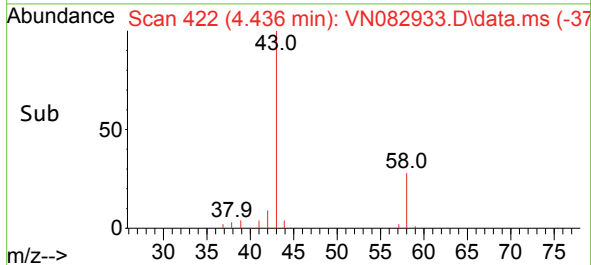
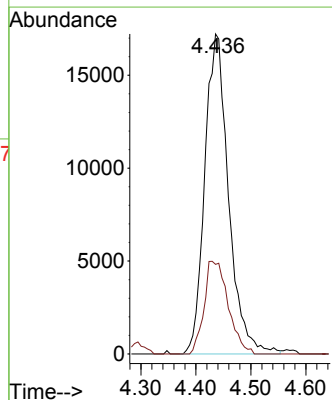
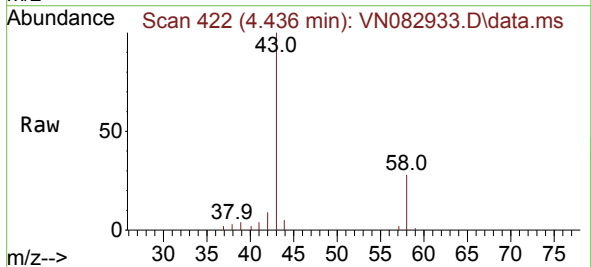
Instrument :  
MSVOA\_N  
ClientSampleId :

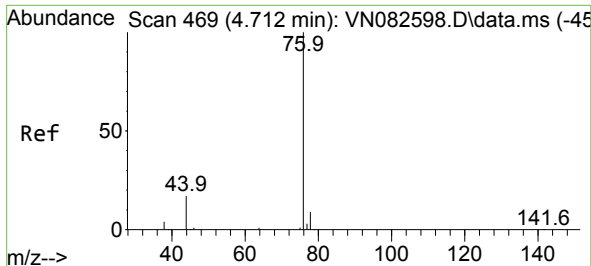
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 56907 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.1  | 66.6  | 100.0 |
| 51       | 37.3  | 30.1  | 45.1  |



#16  
Acetone  
Concen: 115.898 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 51800 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.0  | 21.8  | 32.6  |

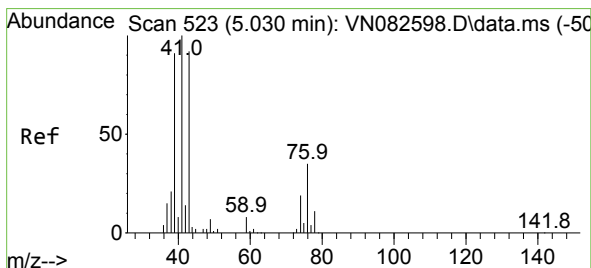
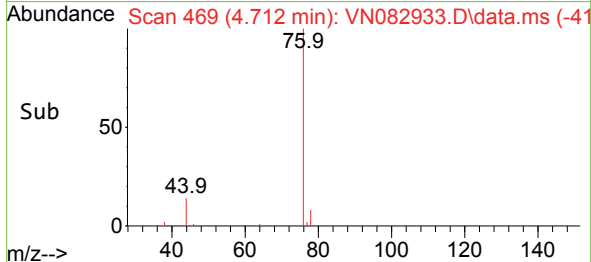
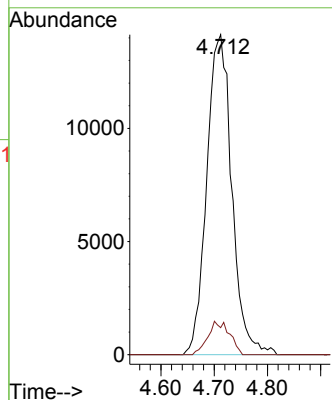
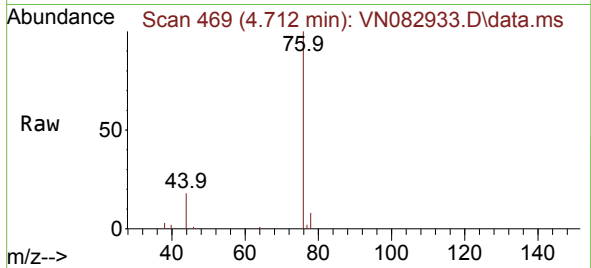




#17  
Carbon Disulfide  
Concen: 16.715 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

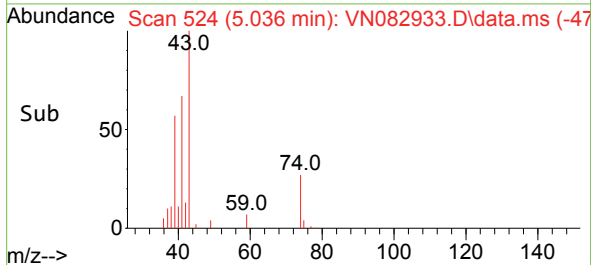
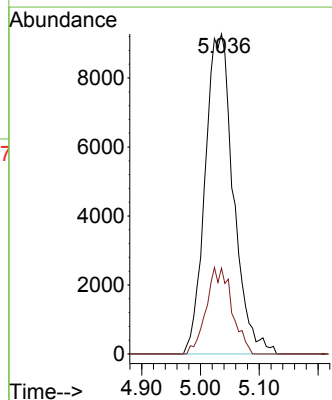
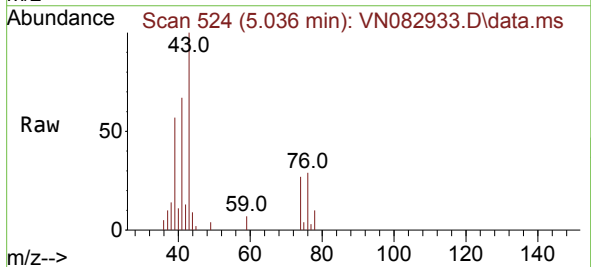
Instrument :  
MSVOA\_N  
ClientSampleId :

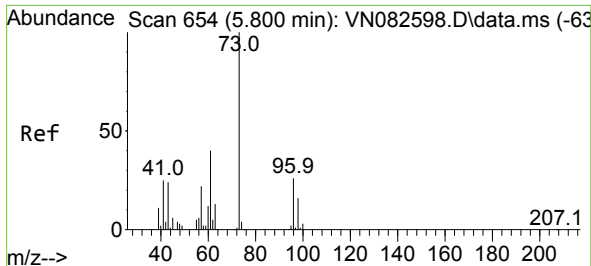
Tgt Ion: 76 Resp: 46175  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.2 10.8



#18  
Methyl Acetate  
Concen: 26.232 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 43 Resp: 31023  
Ion Ratio Lower Upper  
43 100  
74 24.5 16.3 24.5

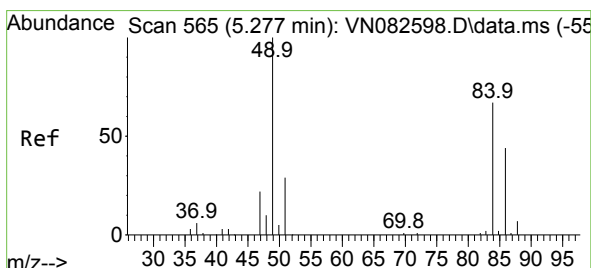
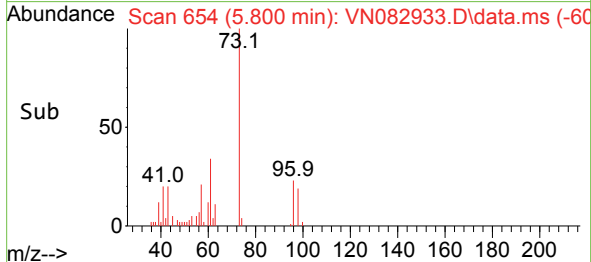
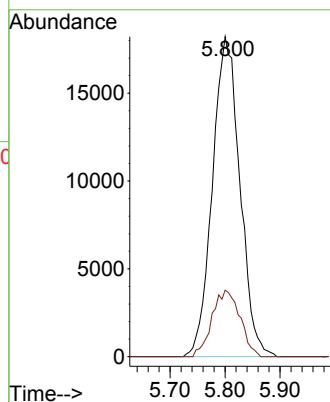
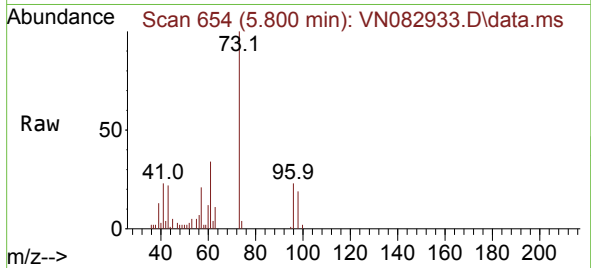




#19  
Methyl tert-butyl Ether  
Concen: 19.803 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

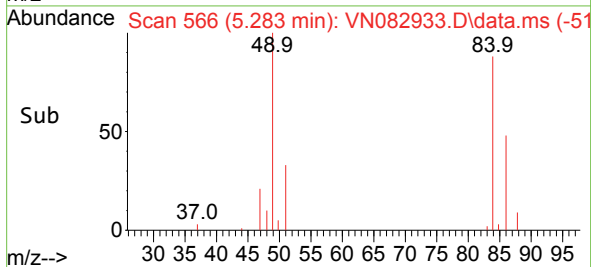
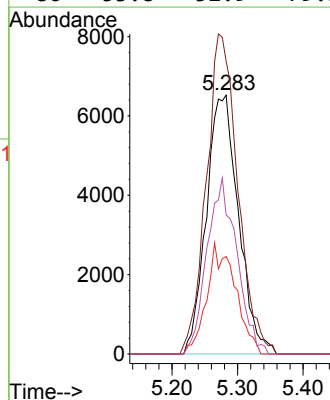
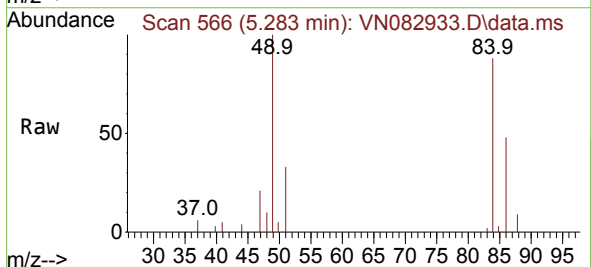
Instrument :  
MSVOA\_N  
ClientSampleId :

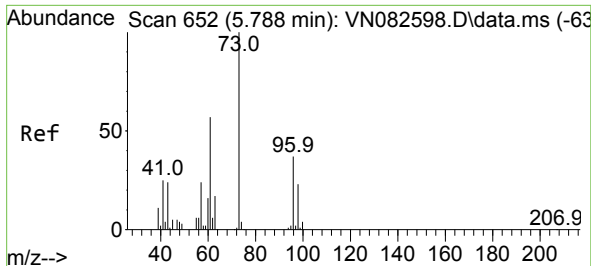
Tgt Ion: 73 Resp: 63151  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.9 26.9



#20  
Methylene Chloride  
Concen: 20.576 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

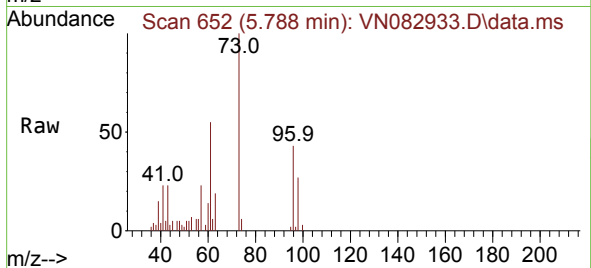
Tgt Ion: 84 Resp: 22209  
Ion Ratio Lower Upper  
84 100  
49 113.2 119.6 179.4#  
51 37.6 34.8 52.2  
86 53.8 52.9 79.3



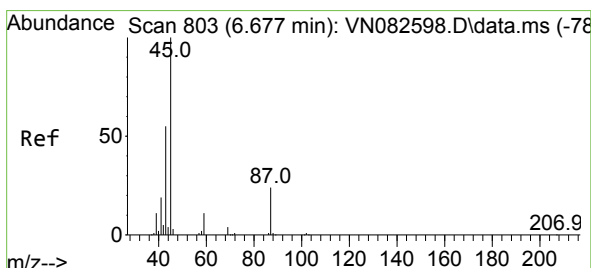
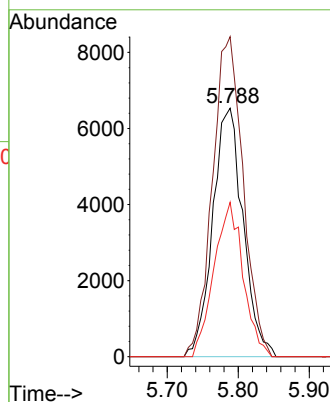
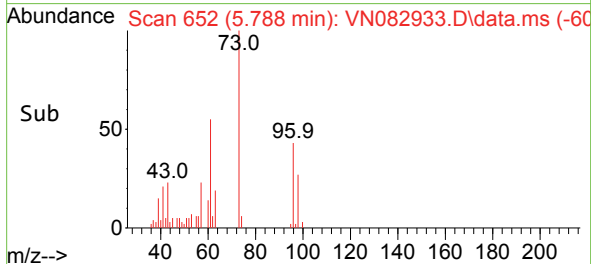


#21  
trans-1,2-Dichloroethene  
Concen: 19.330 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

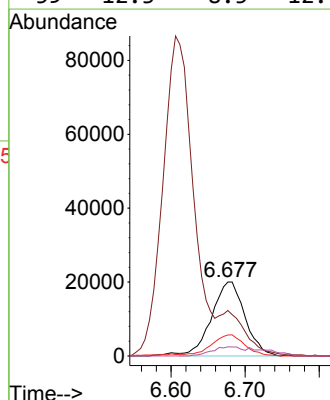
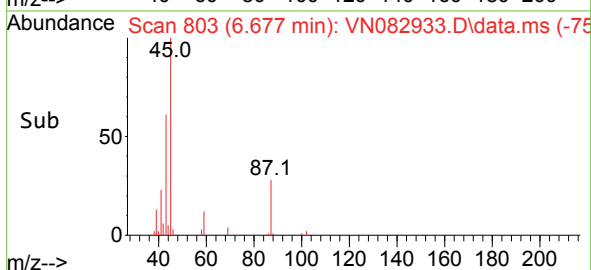
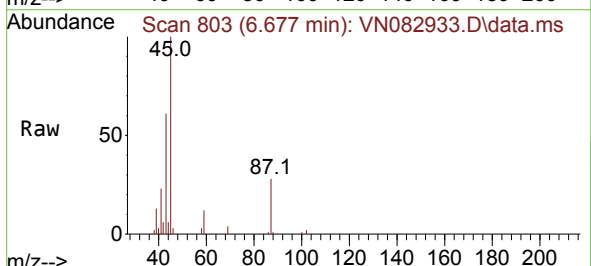


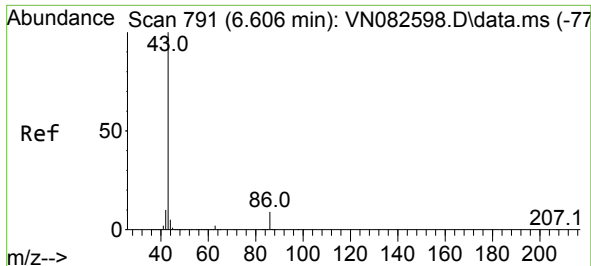
Tgt Ion: 96 Resp: 19363  
Ion Ratio Lower Upper  
96 100  
61 128.8 123.4 185.2  
98 62.2 49.3 73.9



#22  
Diisopropyl ether  
Concen: 20.626 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

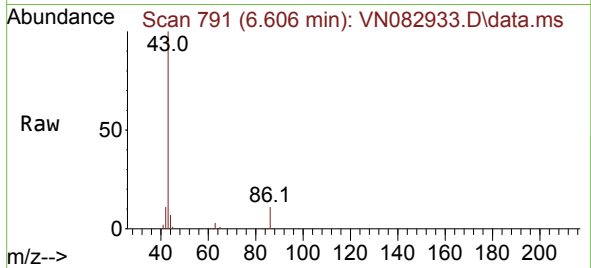
Tgt Ion: 45 Resp: 62201  
Ion Ratio Lower Upper  
45 100  
43 58.9 44.0 66.0  
87 28.3 19.7 29.5  
59 12.3 8.5 12.7



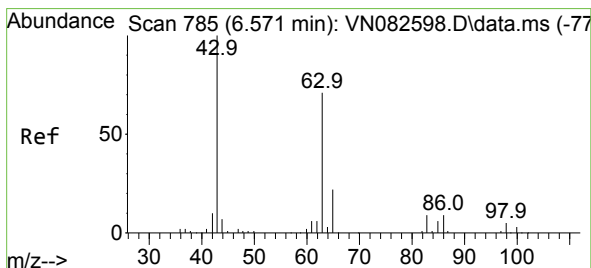
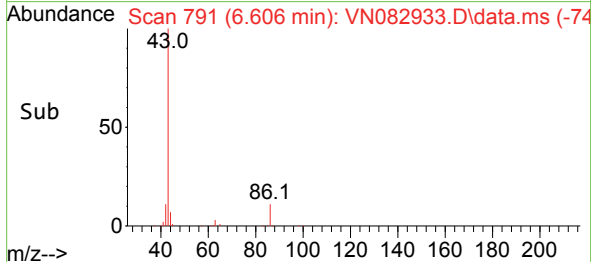
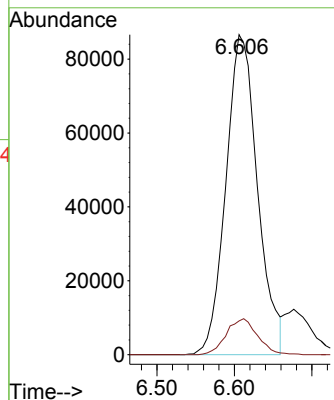


#23  
 Vinyl Acetate  
 Concen: 102.877 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

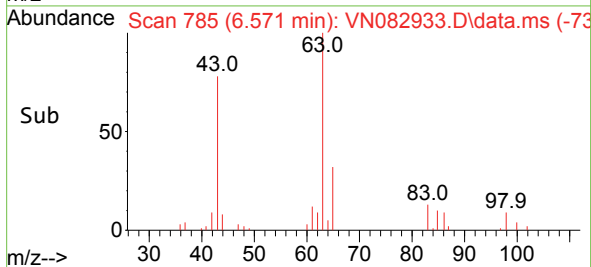
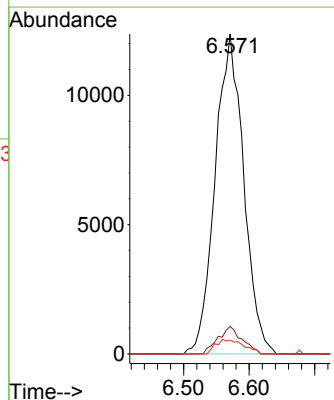
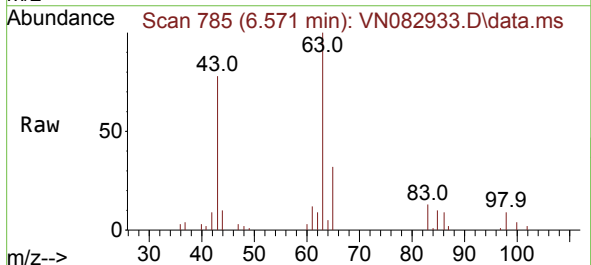


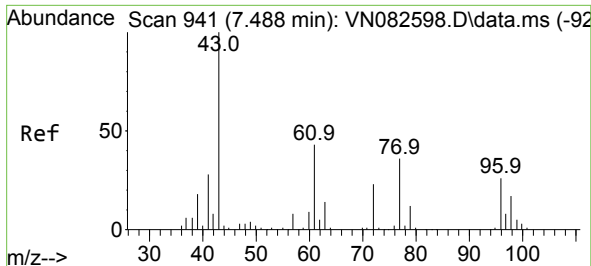
Tgt Ion: 43 Resp: 246368  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 20.414 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

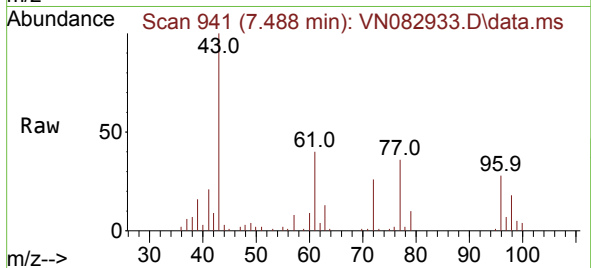
Tgt Ion: 63 Resp: 37341  
 Ion Ratio Lower Upper  
 63 100  
 98 8.6 3.3 9.9  
 100 4.3 2.0 6.0



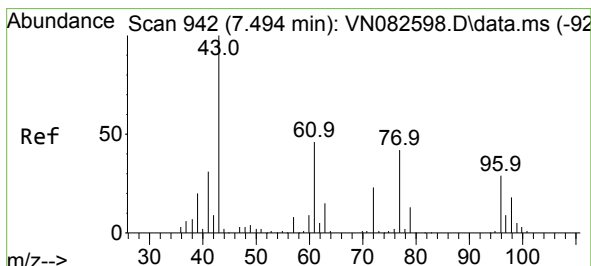
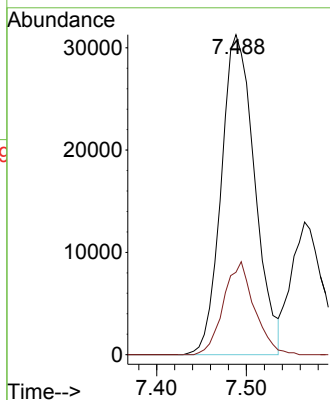
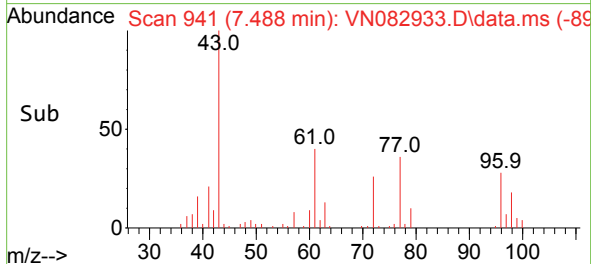


#25  
2-Butanone  
Concen: 120.365 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

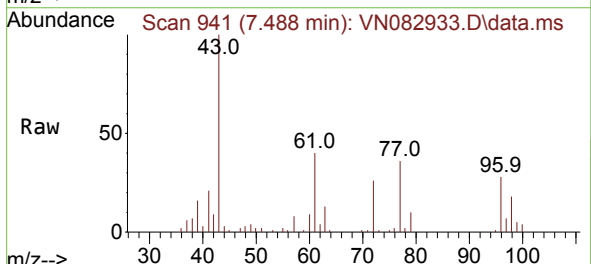
Instrument :  
MSVOA\_N  
ClientSampleId :



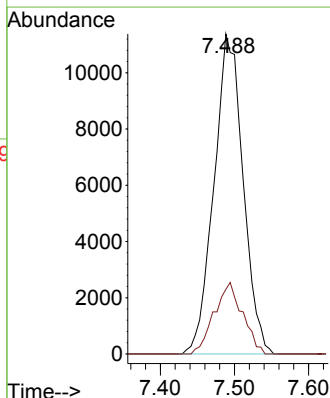
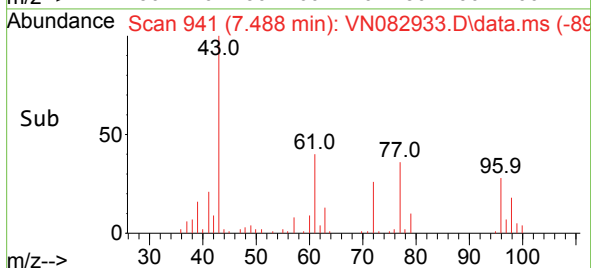
Tgt Ion: 43 Resp: 81230  
Ion Ratio Lower Upper  
43 100  
72 25.7 18.2 27.2

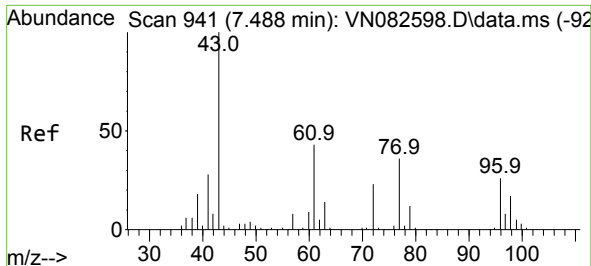


#26  
2,2-Dichloropropane  
Concen: 18.249 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01



Tgt Ion: 77 Resp: 31036  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.3 30.9

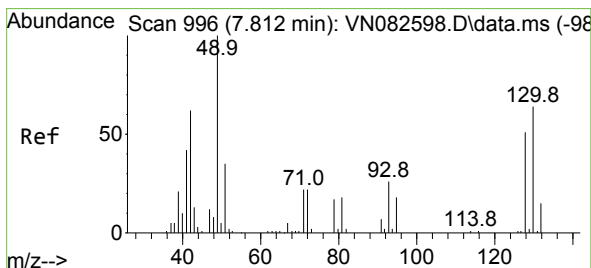
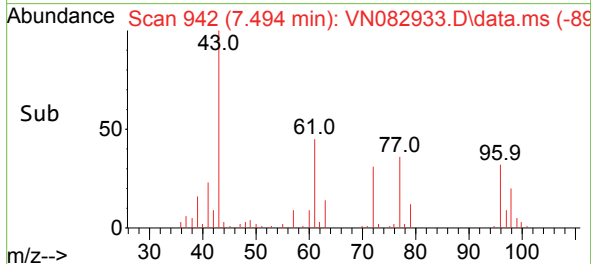
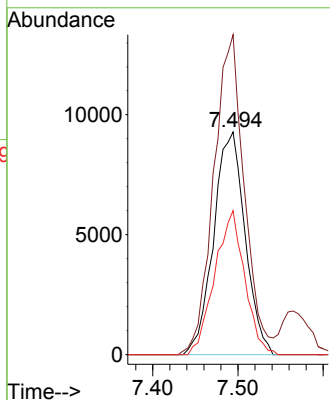
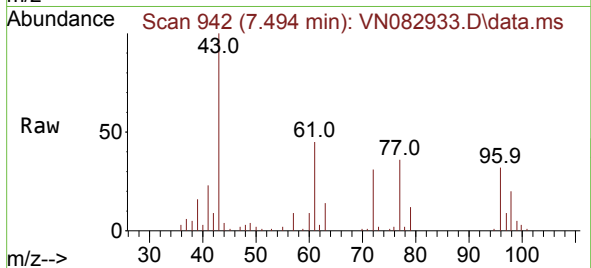




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.282 ug/l  
 RT: 7.494 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

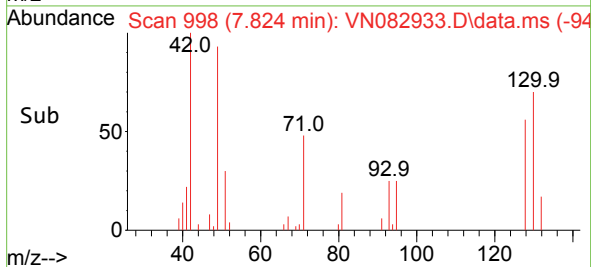
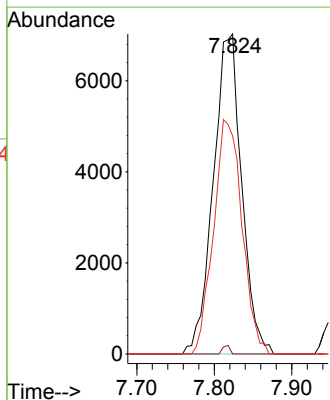
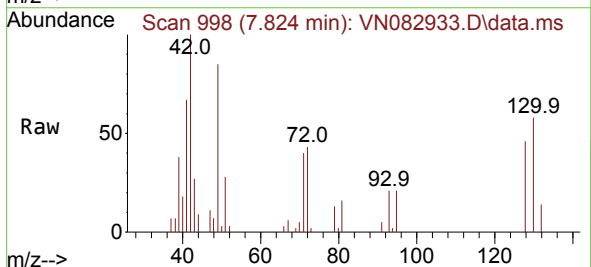
Instrument :  
 MSVOA\_N  
 ClientSampleId :

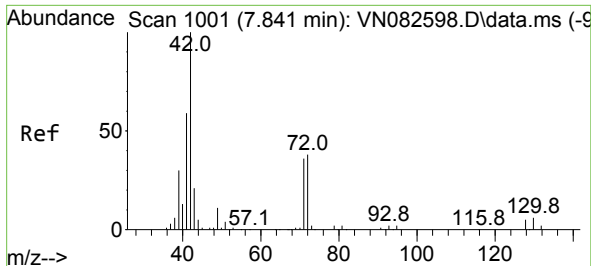
Tgt Ion: 96 Resp: 23785  
 Ion Ratio Lower Upper  
 96 100  
 61 139.9 0.0 329.6  
 98 61.6 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 22.848 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.012 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Tgt Ion: 49 Resp: 17929  
 Ion Ratio Lower Upper  
 49 100  
 129 0.7 0.0 3.8  
 130 73.2 50.5 75.7

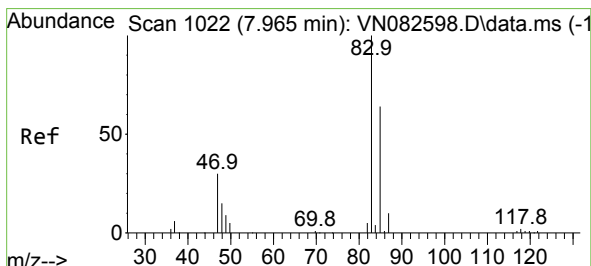
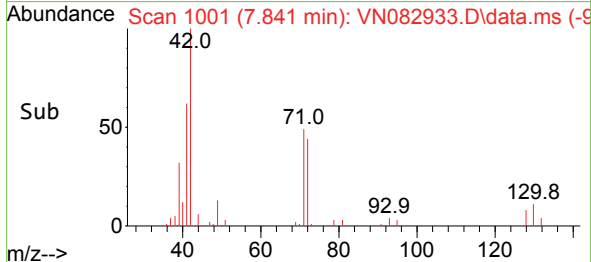
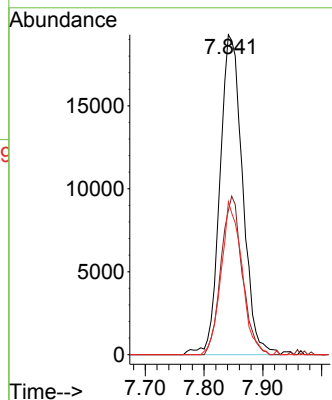
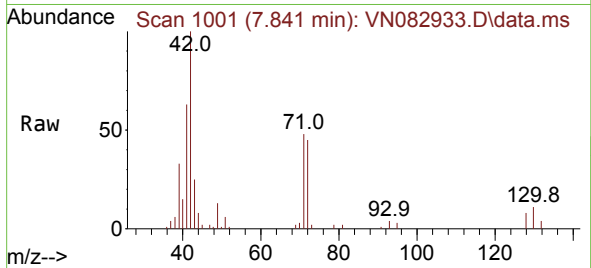




#29  
Tetrahydrofuran  
Concen: 121.742 ug/l  
RT: 7.841 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

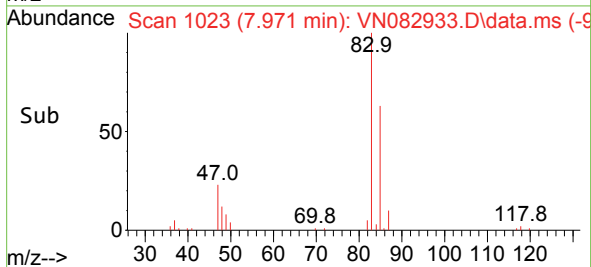
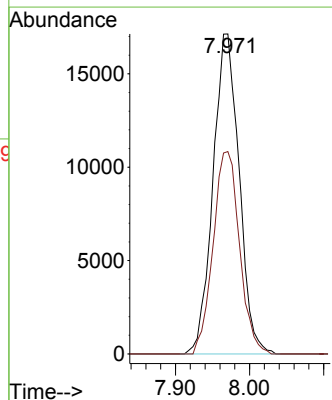
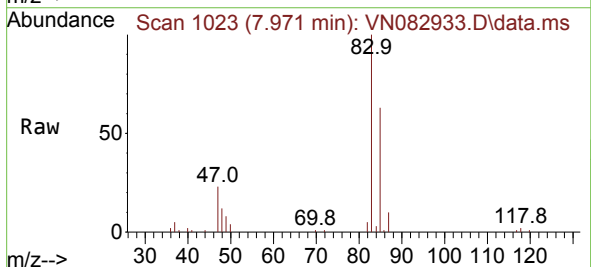
Instrument :  
MSVOA\_N  
ClientSampleId :

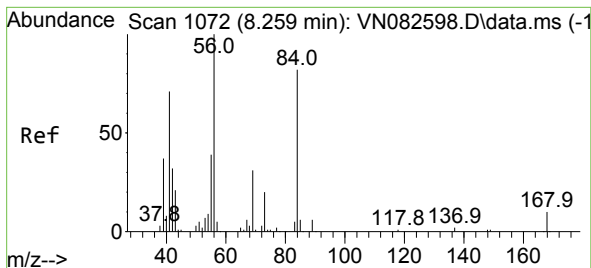
Tgt Ion: 42 Resp: 51724  
Ion Ratio Lower Upper  
42 100  
72 46.3 30.0 45.0#  
71 43.9 28.3 42.5#



#30  
Chloroform  
Concen: 21.588 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 83 Resp: 41892  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.9 76.3





#31

Cyclohexane

Concen: 18.112 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082933.D

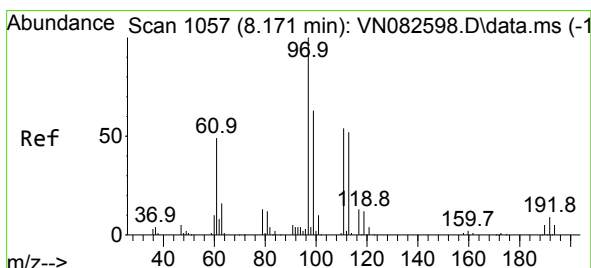
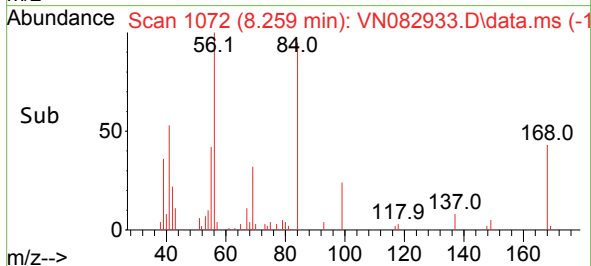
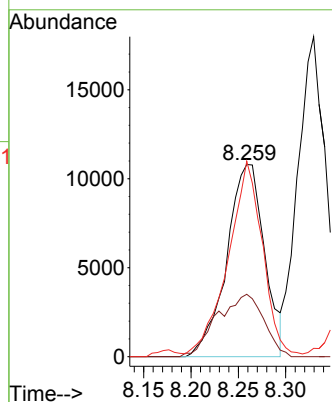
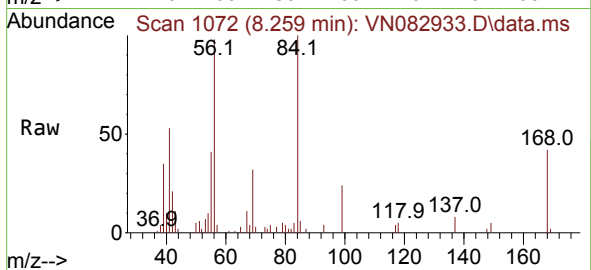
Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 30060 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 32.5  | 24.5  | 36.7  |
| 84        | 100.0 | 66.0  | 99.0  |



#32

1,1,1-Trichloroethane

Concen: 19.794 ug/l

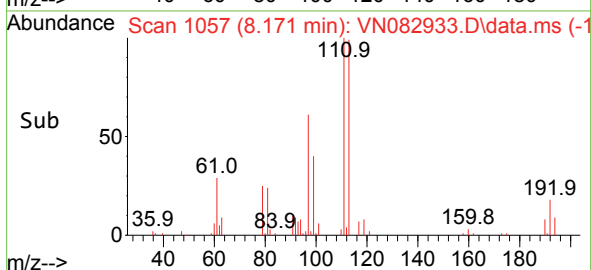
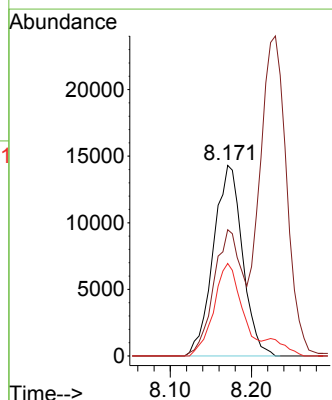
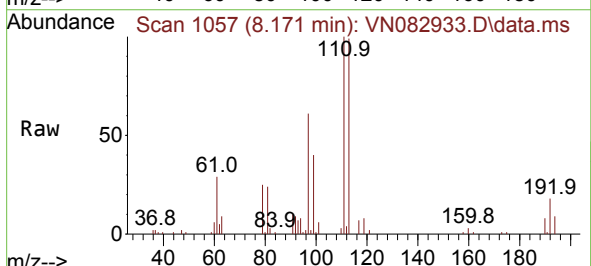
RT: 8.171 min Scan# 1057

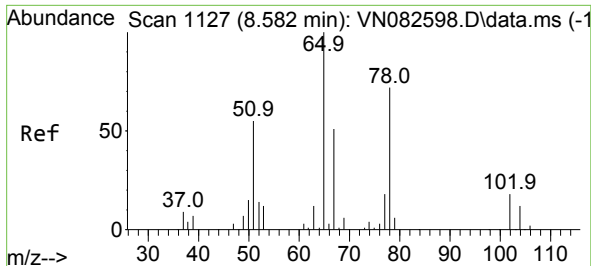
Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 35662 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.3  | 52.0  | 78.0  |
| 61        | 47.3  | 42.1  | 63.1  |





#33

1,2-Dichloroethane-d4

Concen: 57.818 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

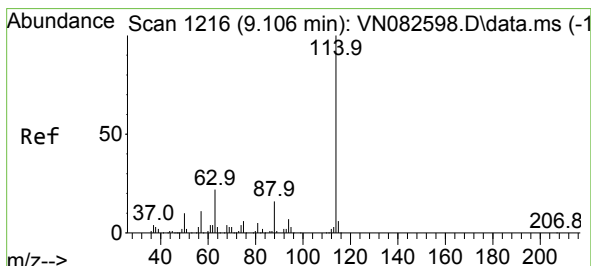
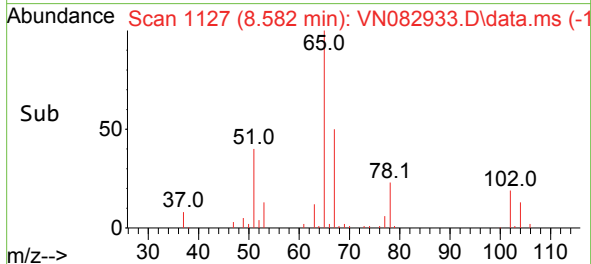
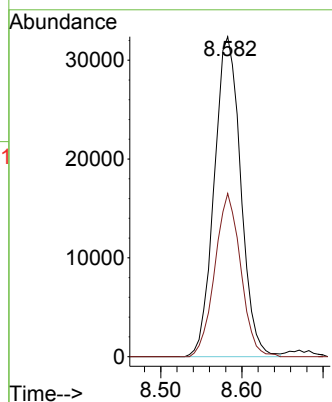
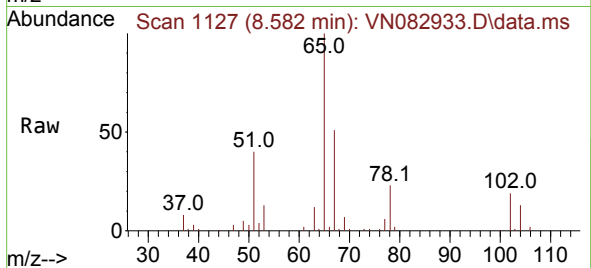
ClientSampleId :

Tgt Ion: 65 Resp: 73398

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

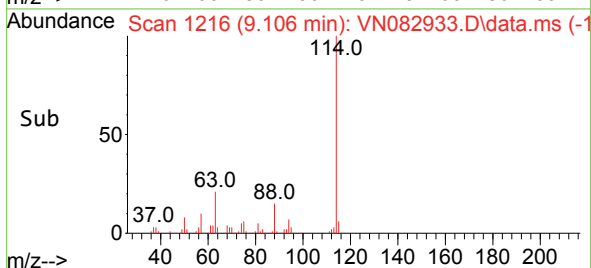
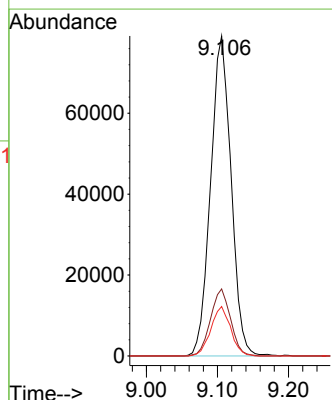
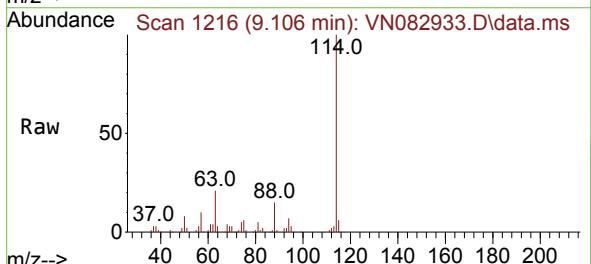
Tgt Ion: 114 Resp: 158250

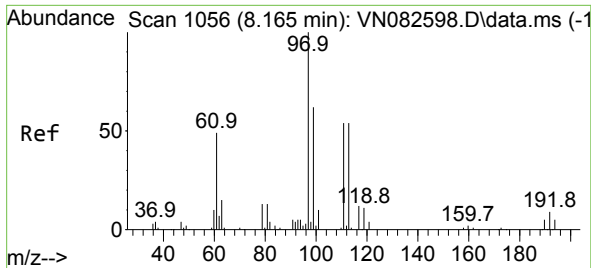
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

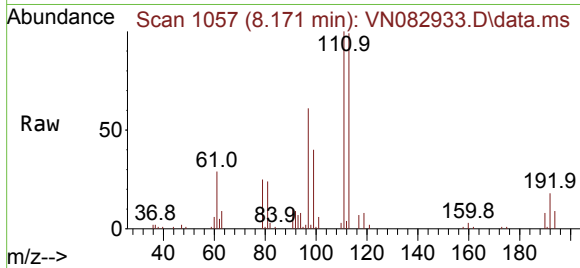
88 15.4 0.0 31.4



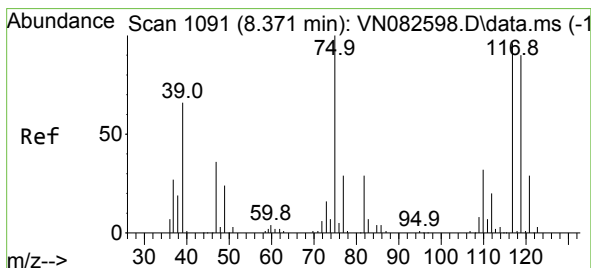
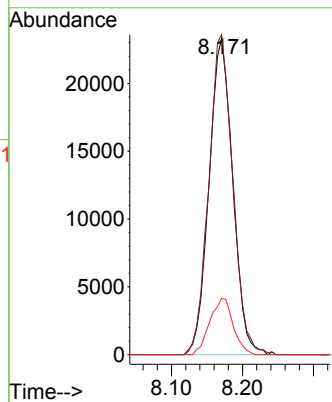
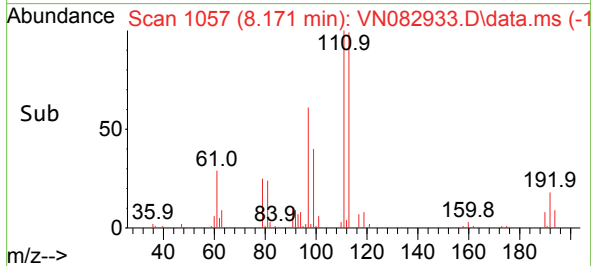


#35  
Dibromofluoromethane  
Concen: 53.291 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

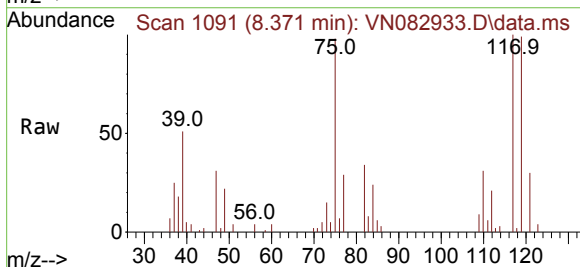
Instrument :  
MSVOA\_N  
ClientSampleId :



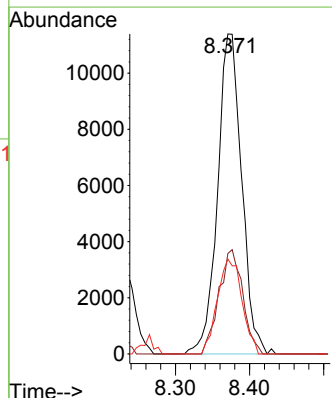
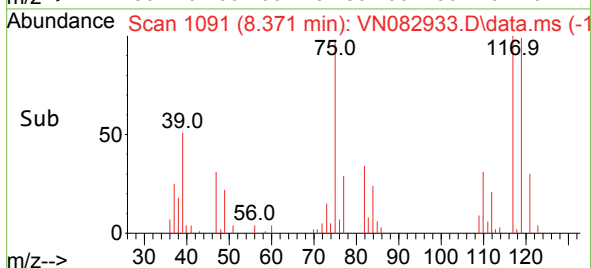
Tgt Ion:113 Resp: 54114  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.4 123.6  
192 17.5 14.9 22.3

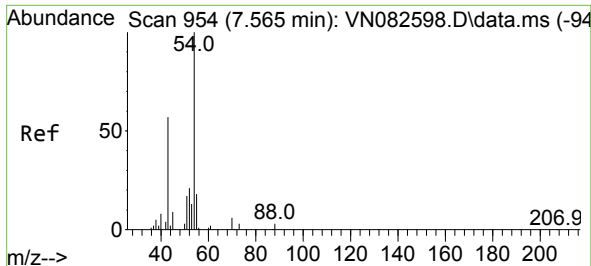


#36  
1,1-Dichloropropene  
Concen: 18.389 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01



Tgt Ion: 75 Resp: 25745  
Ion Ratio Lower Upper  
75 100  
110 32.2 16.3 48.9  
77 30.2 24.6 37.0





#37

Ethyl Acetate

Concen: 22.830 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

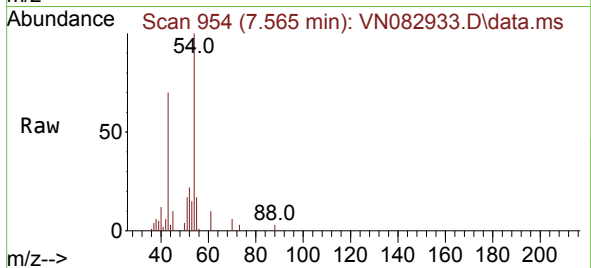
Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :



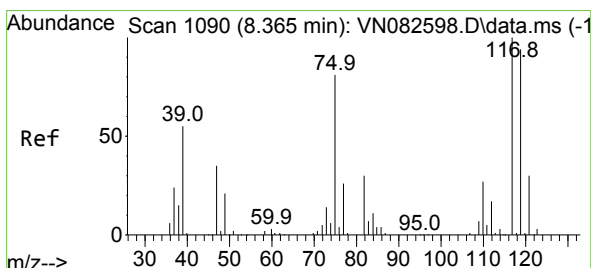
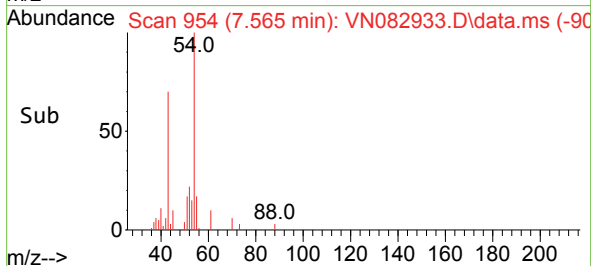
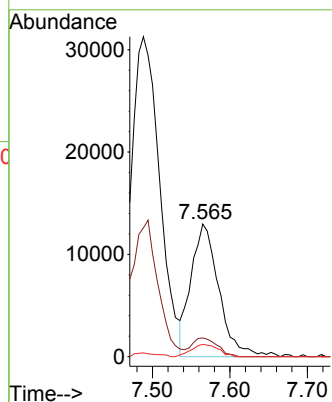
Tgt Ion: 43 Resp: 32542

Ion Ratio Lower Upper

43 100

61 12.8 9.3 13.9

70 8.9 7.0 10.6



#38

Carbon Tetrachloride

Concen: 18.228 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

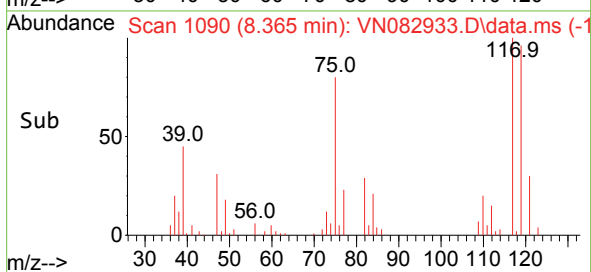
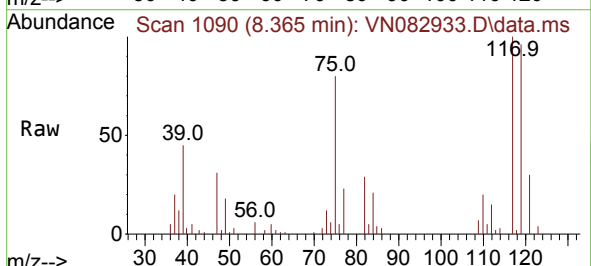
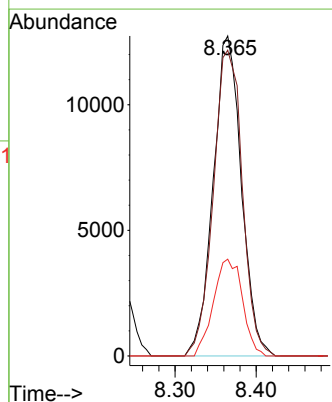
Tgt Ion: 117 Resp: 30726

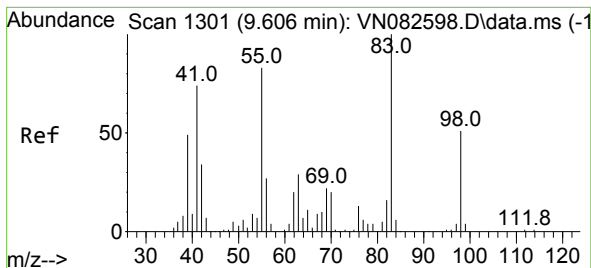
Ion Ratio Lower Upper

117 100

119 95.5 74.9 112.3

121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 15.610 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

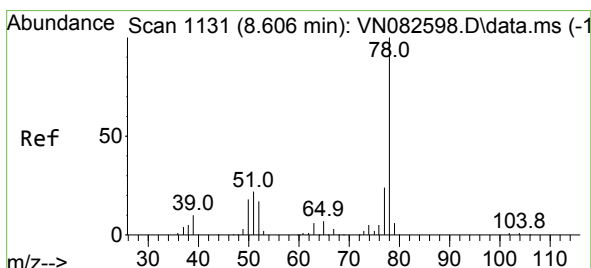
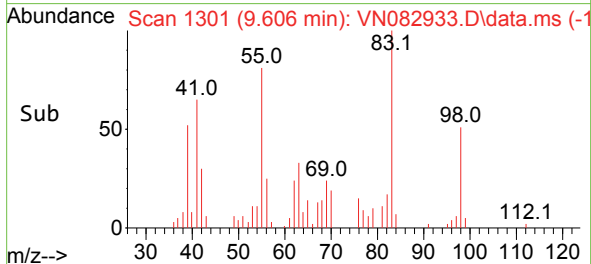
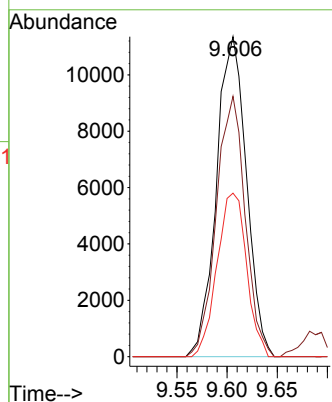
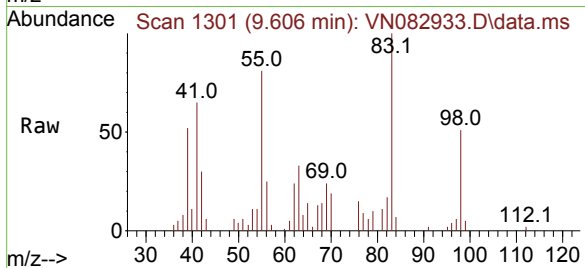
Tgt Ion: 83 Resp: 23607

Ion Ratio Lower Upper

83 100

55 81.4 66.4 99.6

98 51.1 40.7 61.1



#40

Benzene

Concen: 19.561 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082933.D

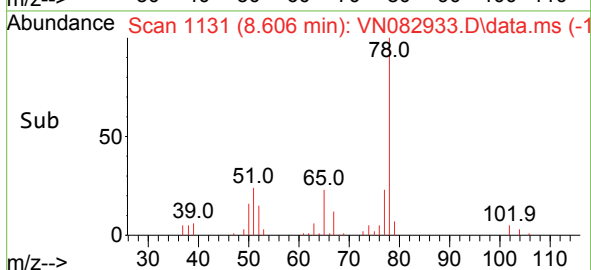
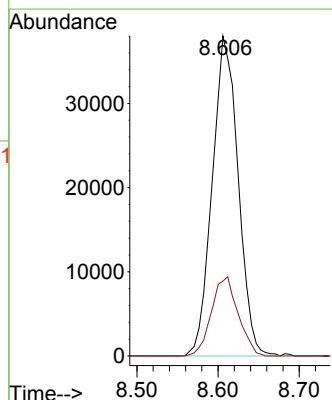
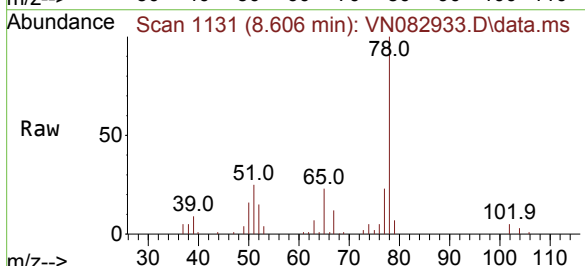
Acq: 16 Jul 2024 14:01

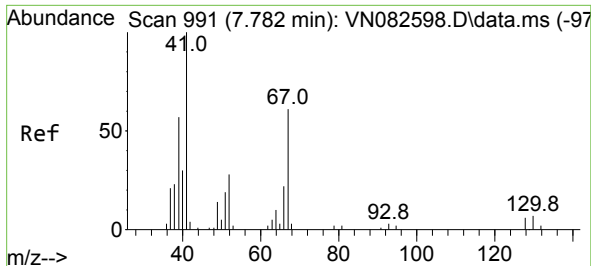
Tgt Ion: 78 Resp: 84242

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

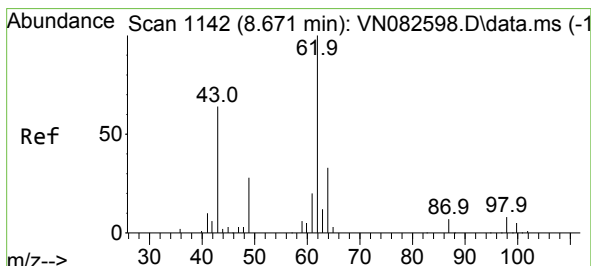
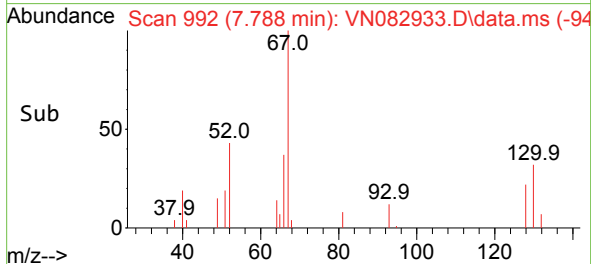
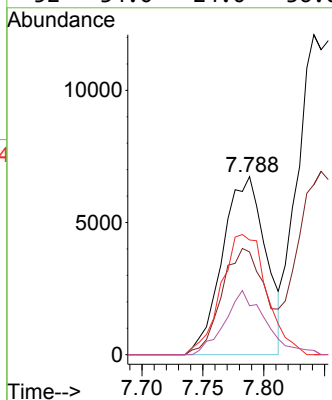
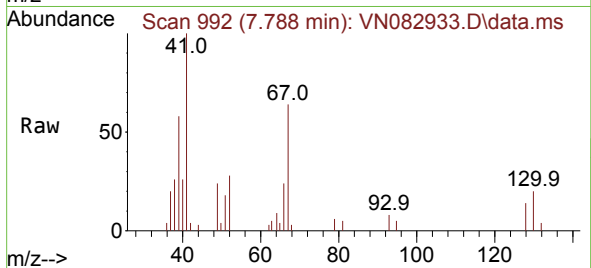




#41  
Methacrylonitrile  
Concen: 21.686 ug/l  
RT: 7.788 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

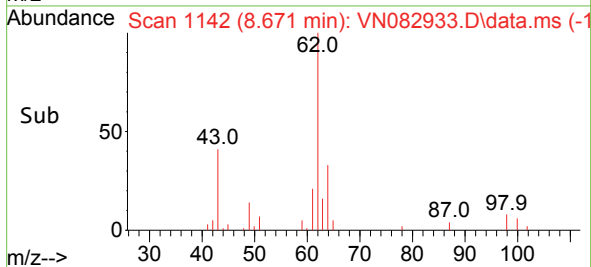
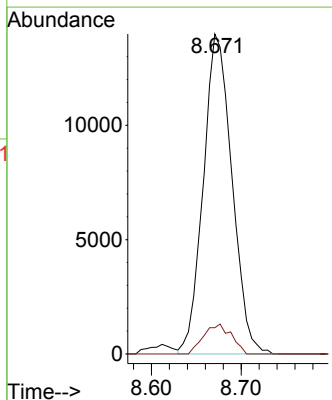
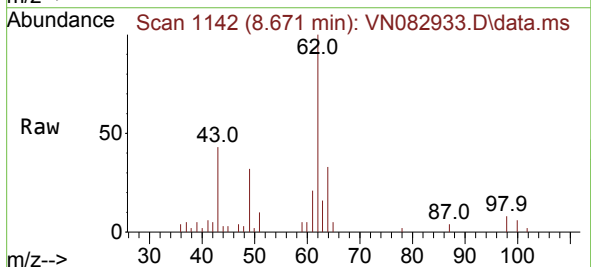
Instrument :  
MSVOA\_N  
ClientSampleId :

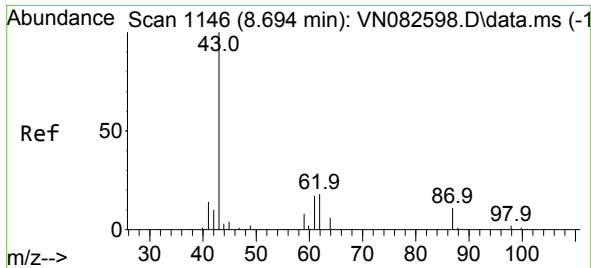
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 16653 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 60.5     | 45.5 68.3   |
| 67 70.9     | 50.5 75.7   |
| 52 34.0     | 24.0 36.0   |



#42  
1,2-Dichloroethane  
Concen: 20.034 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 31060 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.0      | 0.0 15.8    |

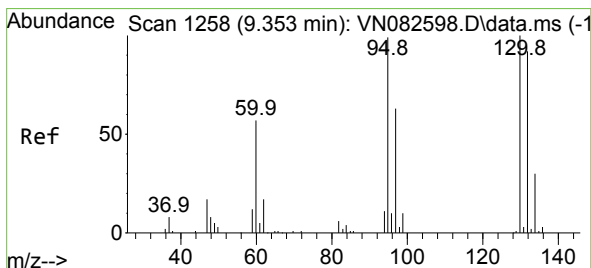
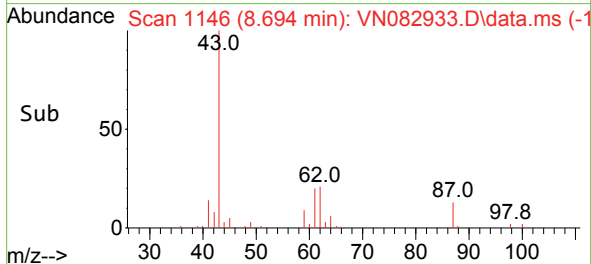
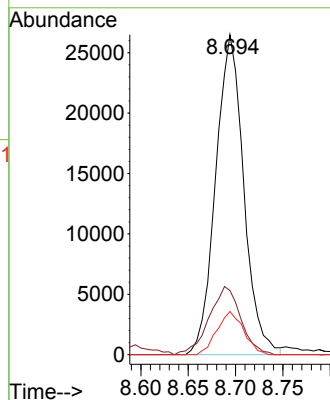
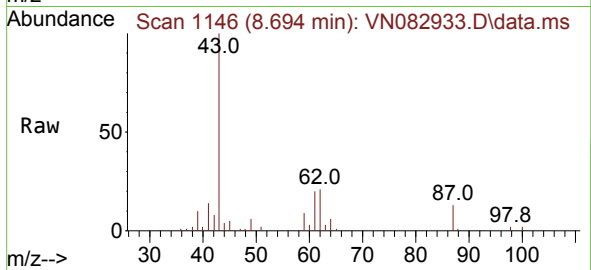




#43  
Isopropyl Acetate  
Concen: 18.448 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

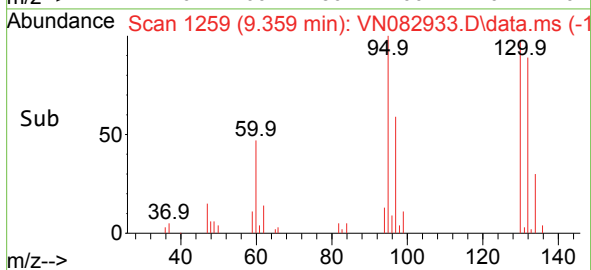
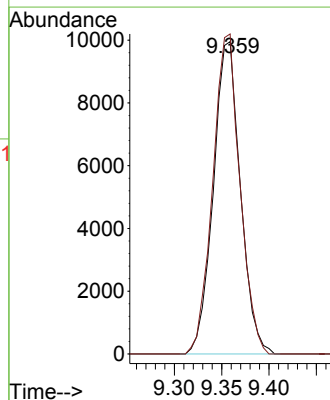
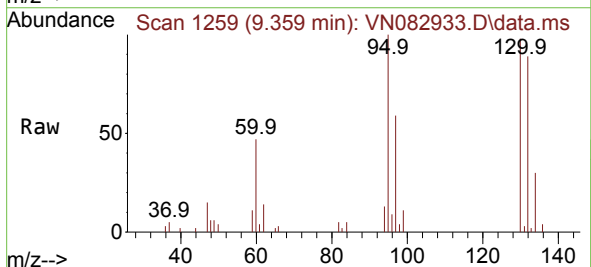
Instrument :  
MSVOA\_N  
ClientSampleId :

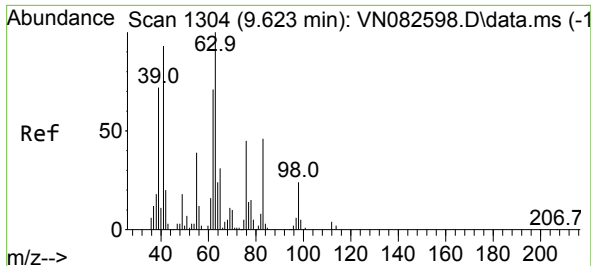
Tgt Ion: 43 Resp: 54614  
Ion Ratio Lower Upper  
43 100  
61 24.0 17.8 26.6  
87 12.9 8.2 12.2#



#44  
Trichloroethene  
Concen: 17.924 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion:130 Resp: 19776  
Ion Ratio Lower Upper  
130 100  
95 102.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.679 ug/l

RT: 9.623 min Scan# 11

Delta R.T. 0.000 min

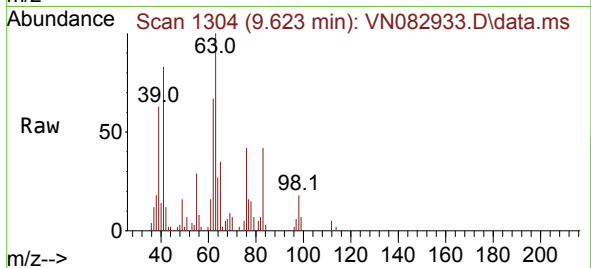
Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

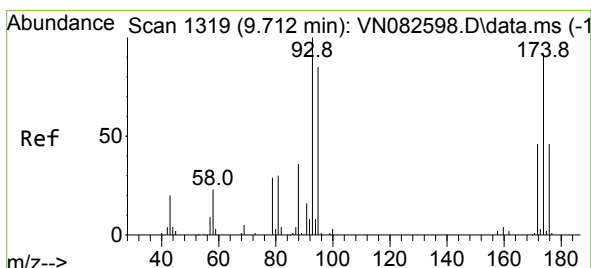
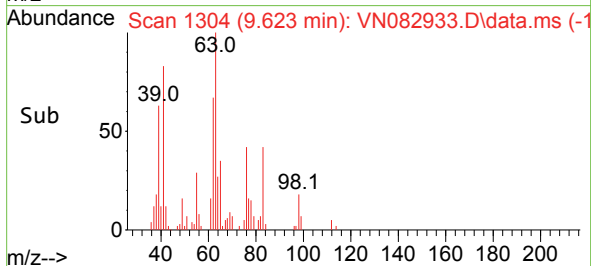
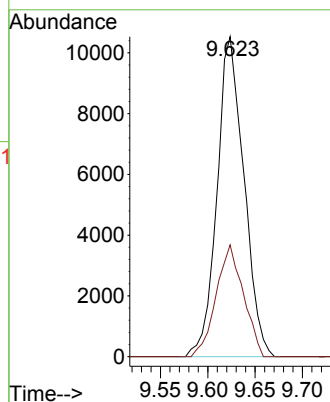


Tgt Ion: 63 Resp: 20791

Ion Ratio Lower Upper

63 100

65 35.0 24.4 36.6



#46

Dibromomethane

Concen: 21.538 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

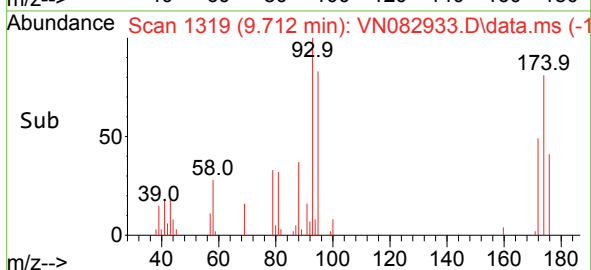
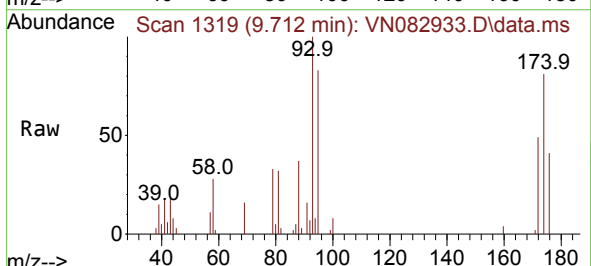
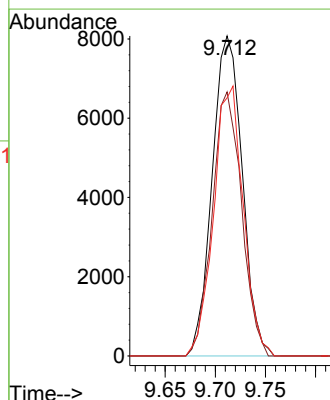
Tgt Ion: 93 Resp: 16870

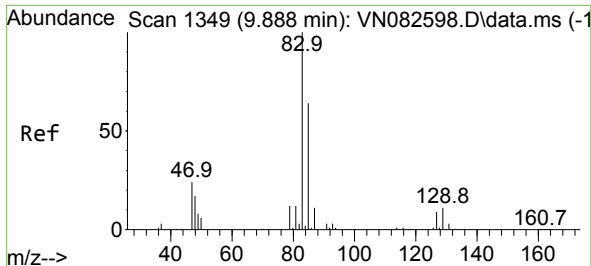
Ion Ratio Lower Upper

93 100

95 80.7 65.8 98.6

174 83.0 71.7 107.5

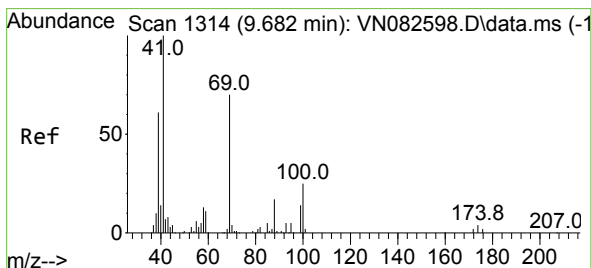
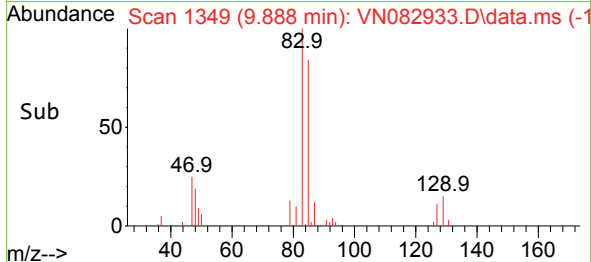
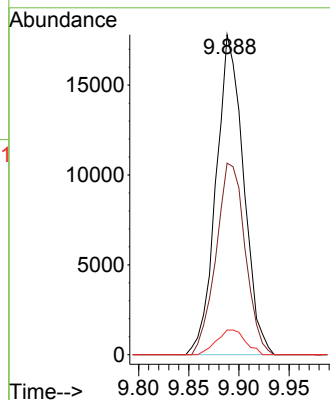
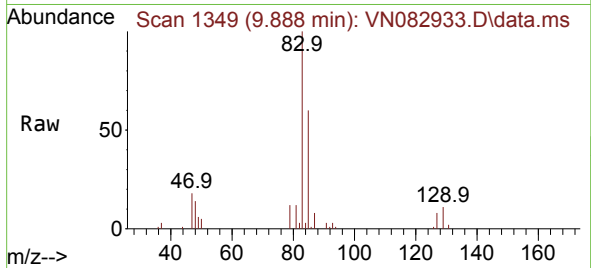




#47  
Bromodichloromethane  
Concen: 20.933 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

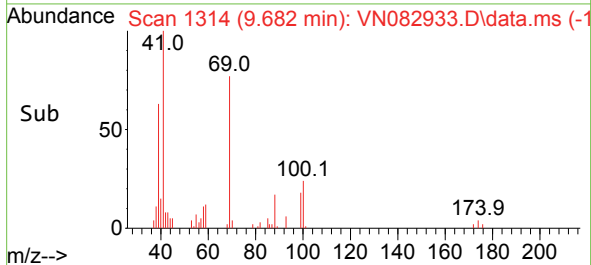
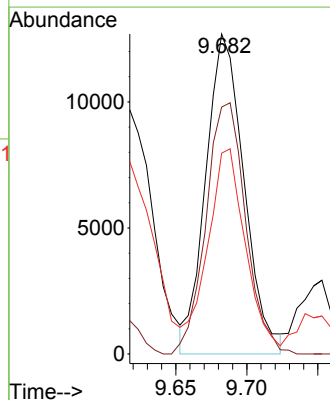
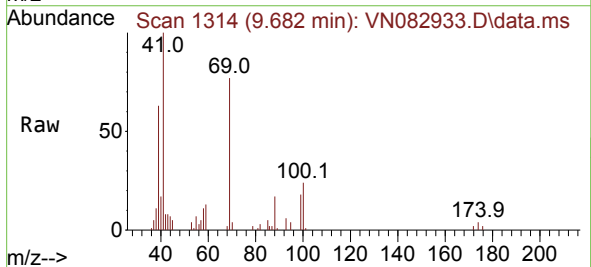
Instrument :  
MSVOA\_N  
ClientSampleId :

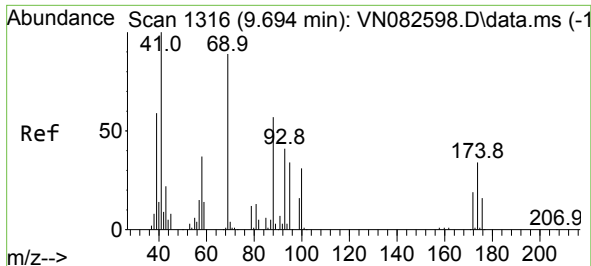
Tgt Ion: 83 Resp: 33878  
Ion Ratio Lower Upper  
83 100  
85 59.9 51.1 76.7  
127 7.7 7.2 10.8



#48  
Methyl methacrylate  
Concen: 21.271 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 41 Resp: 23774  
Ion Ratio Lower Upper  
41 100  
69 81.4 56.3 84.5  
39 64.0 50.3 75.5





#49

1,4-Dioxane

Concen: 439.783 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

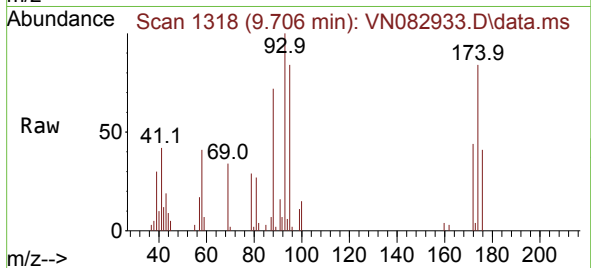
Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :



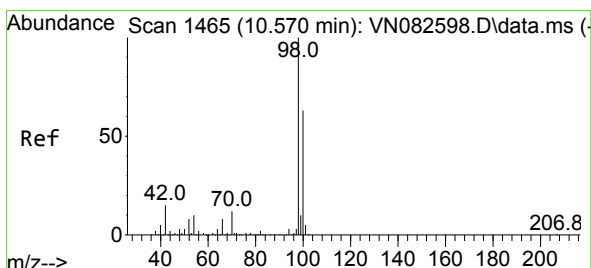
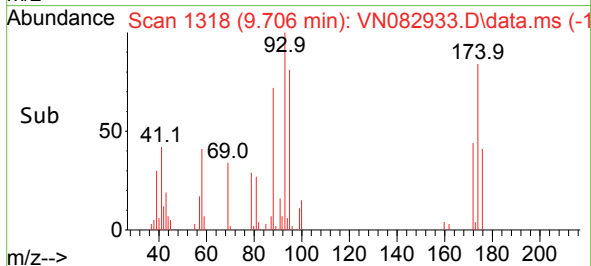
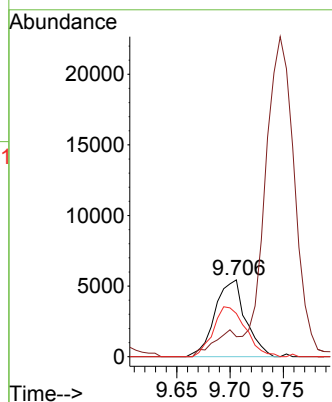
Tgt Ion: 88 Resp: 10828

Ion Ratio Lower Upper

88 100

43 26.1 27.8 41.8#

58 68.6 59.4 89.0



#50

Toluene-d8

Concen: 53.839 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082933.D

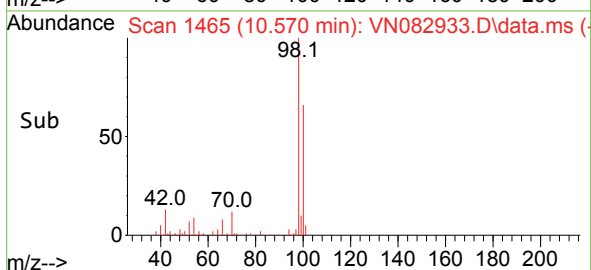
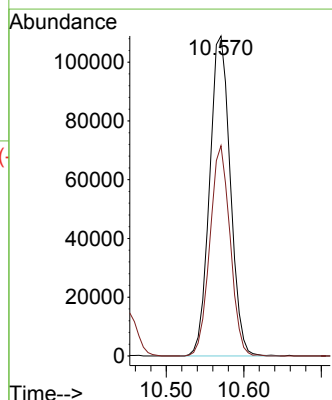
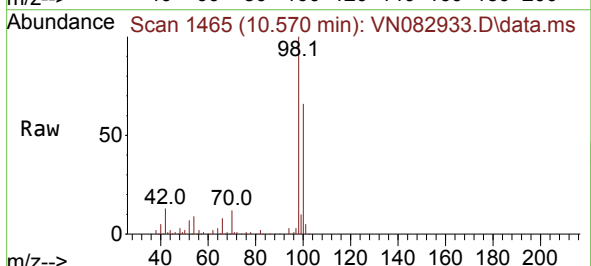
Acq: 16 Jul 2024 14:01

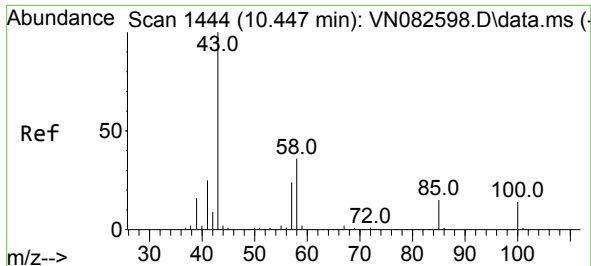
Tgt Ion: 98 Resp: 201924

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

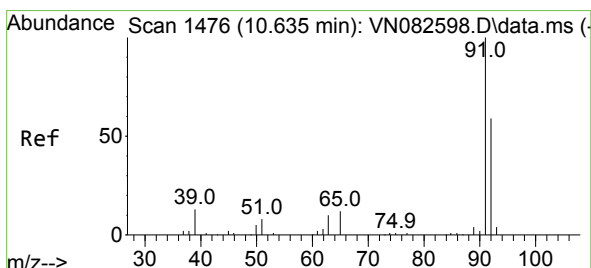
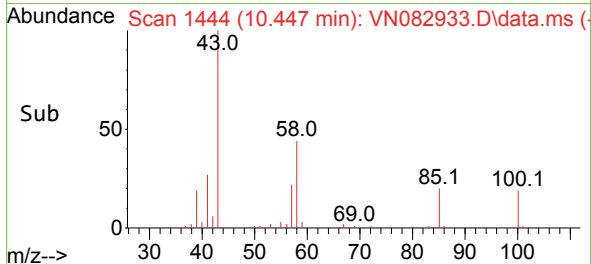
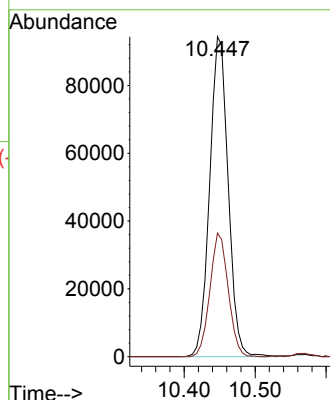
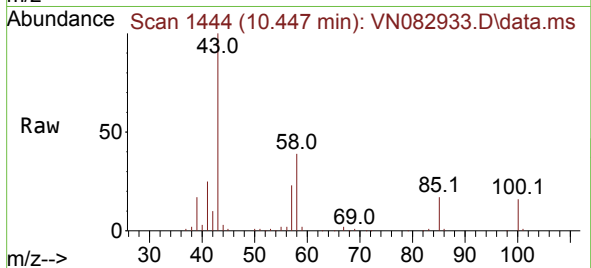




#51  
4-Methyl-2-Pentanone  
Concen: 120.797 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

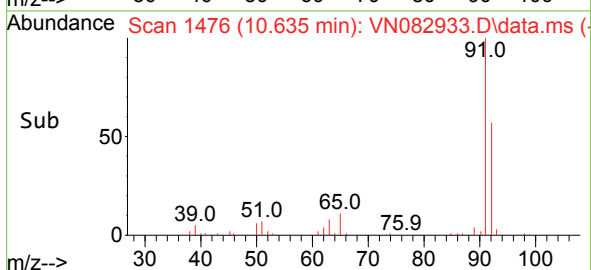
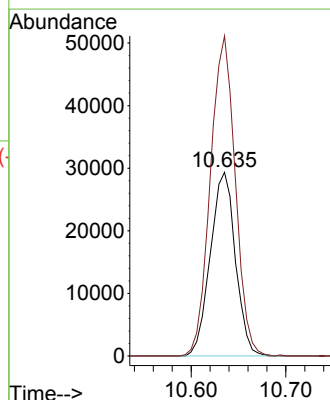
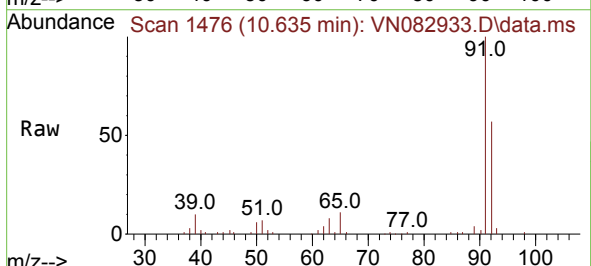
Instrument :  
MSVOA\_N  
ClientSampleId :

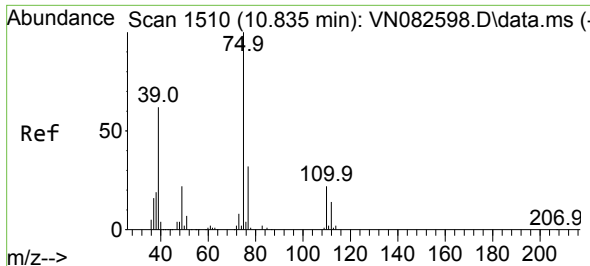
Tgt Ion: 43 Resp: 170696  
Ion Ratio Lower Upper  
43 100  
58 38.1 28.2 42.4



#52  
Toluene  
Concen: 20.103 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 92 Resp: 54081  
Ion Ratio Lower Upper  
92 100  
91 172.8 139.4 209.0

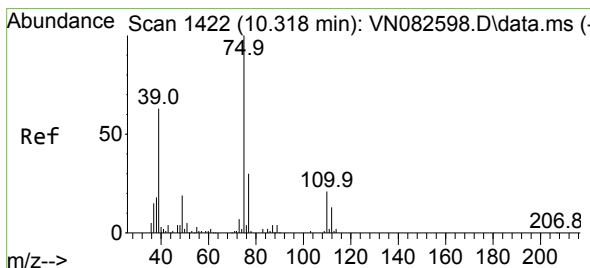
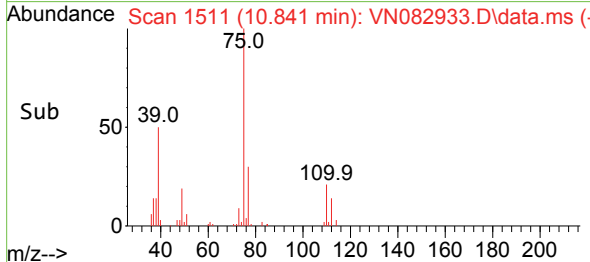
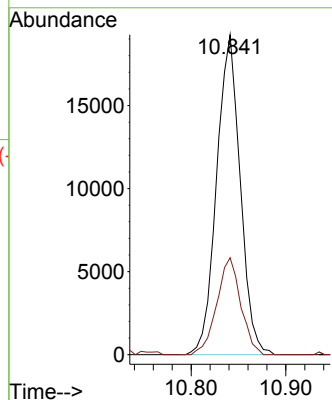
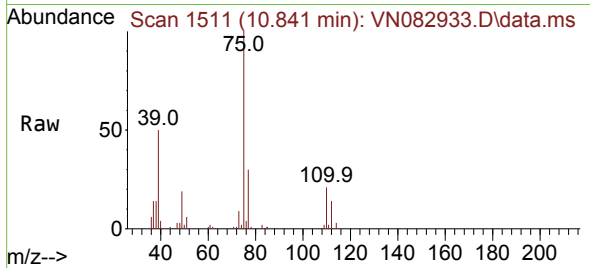




#53  
 t-1,3-Dichloropropene  
 Concen: 19.984 ug/l  
 RT: 10.841 min Scan# 1510  
 Delta R.T. 0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

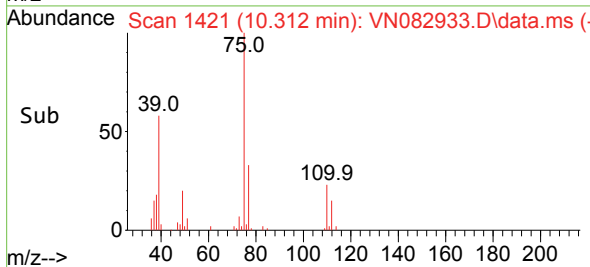
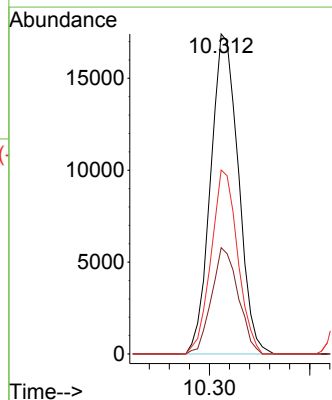
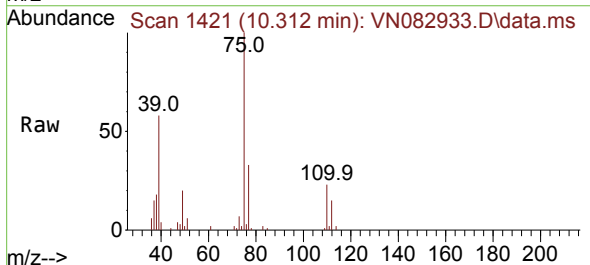
Instrument :  
 MSVOA\_N  
 ClientSampleId :

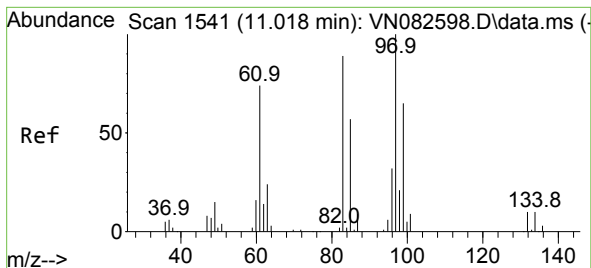
Tgt Ion: 75 Resp: 33319  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.923 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Tgt Ion: 75 Resp: 33395  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 24.3 36.5  
 39 57.5 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 23.067 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.001 min

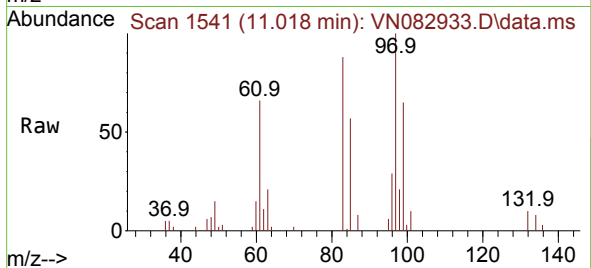
Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 22819

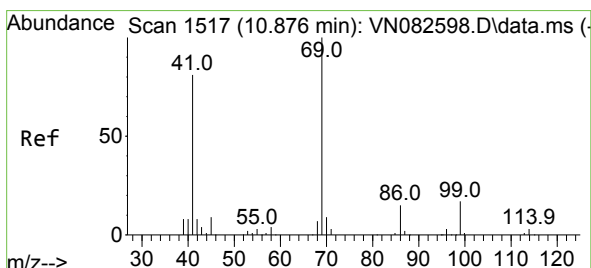
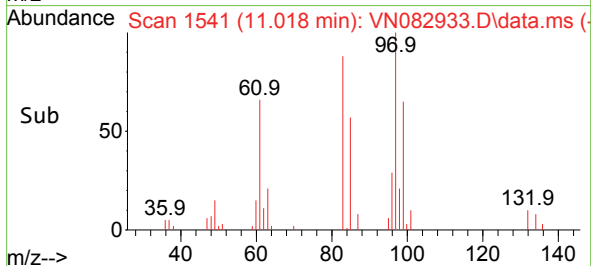
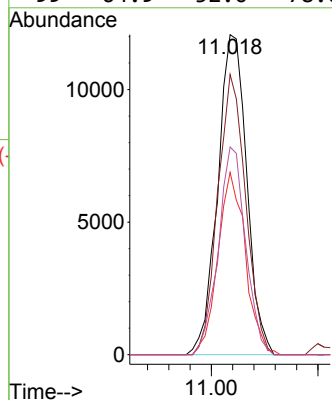
Ion Ratio Lower Upper

97 100

83 87.5 71.4 107.0

85 56.9 45.8 68.6

99 64.9 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.934 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

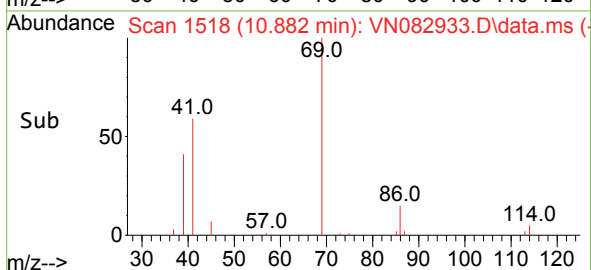
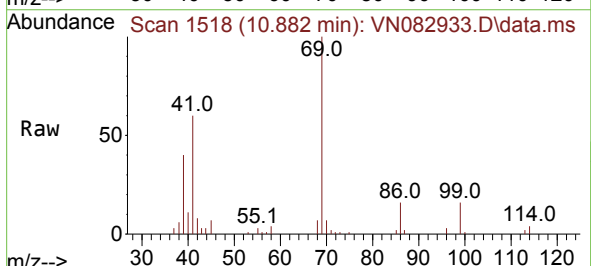
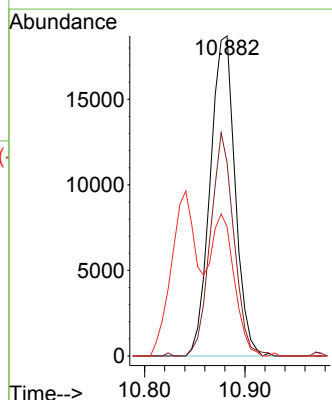
Tgt Ion: 69 Resp: 32218

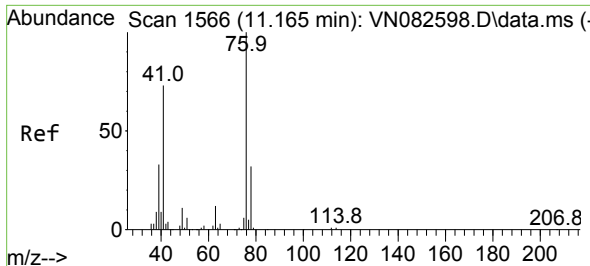
Ion Ratio Lower Upper

69 100

41 65.7 63.4 95.2

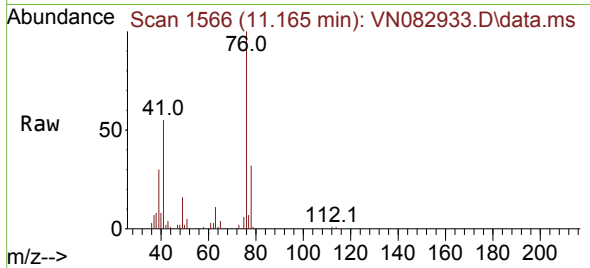
39 42.1 37.4 56.0



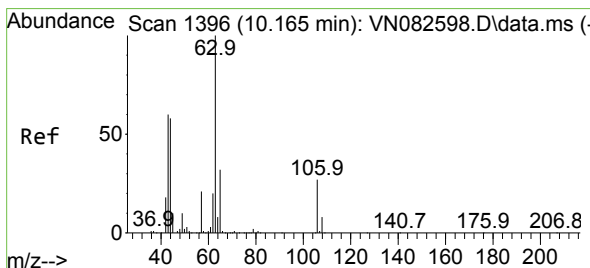
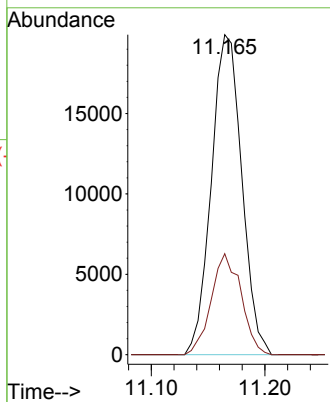
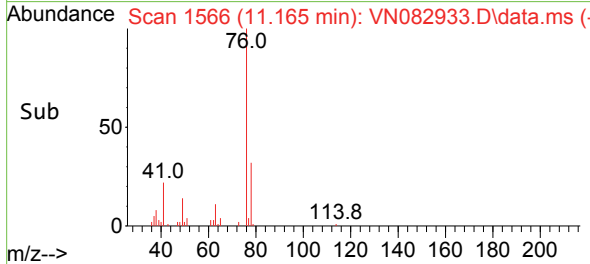


#57  
1,3-Dichloropropane  
Concen: 21.149 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

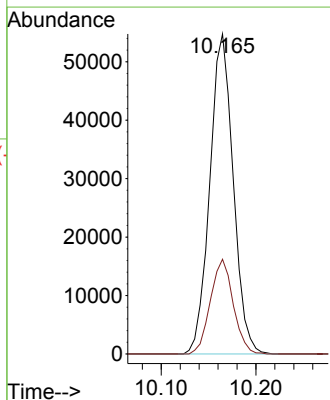
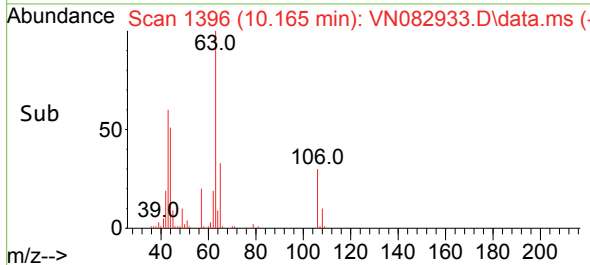
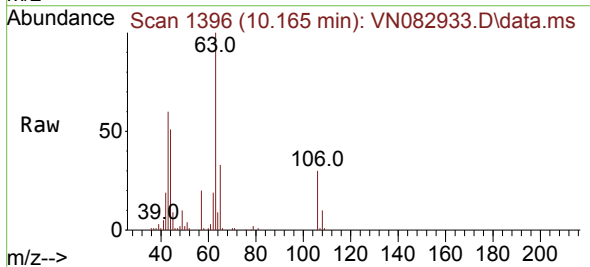


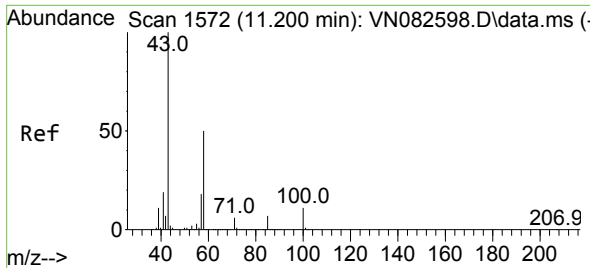
Tgt Ion: 76 Resp: 37033  
Ion Ratio Lower Upper  
76 100  
78 31.1 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 118.909 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

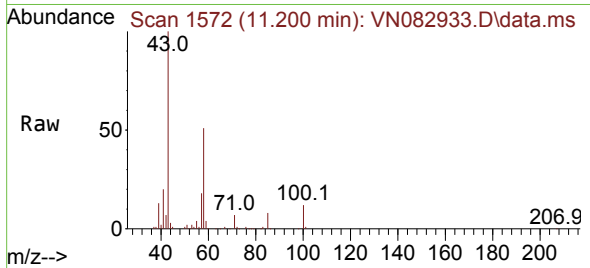
Tgt Ion: 63 Resp: 93906  
Ion Ratio Lower Upper  
63 100  
106 28.8 21.4 32.0



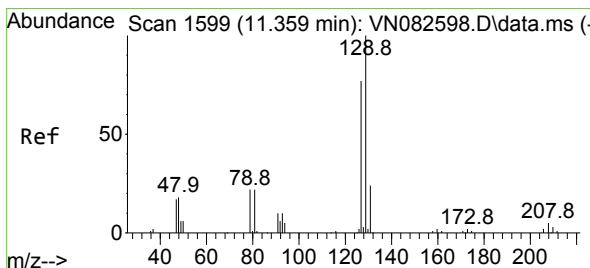
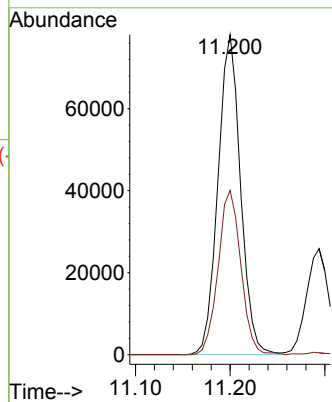
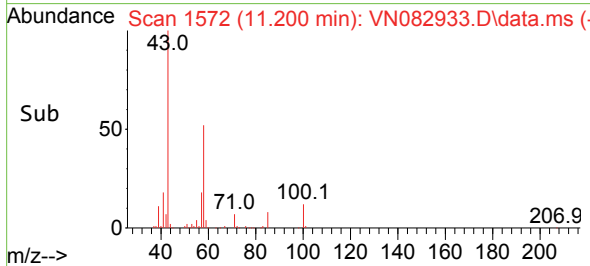


#59  
2-Hexanone  
Concen: 122.968 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Instrument :  
MSVOA\_N  
ClientSampleId :

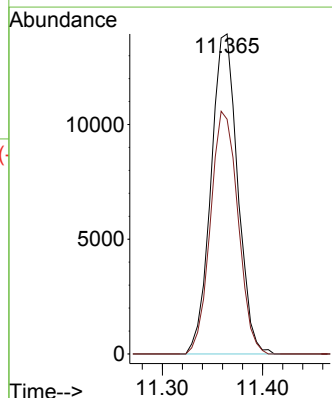
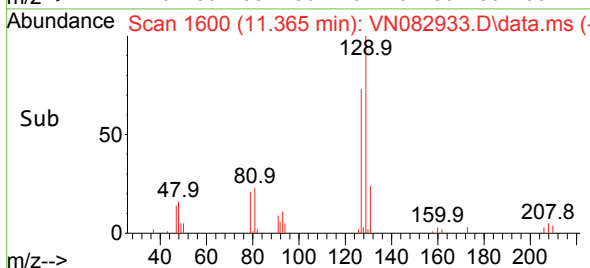
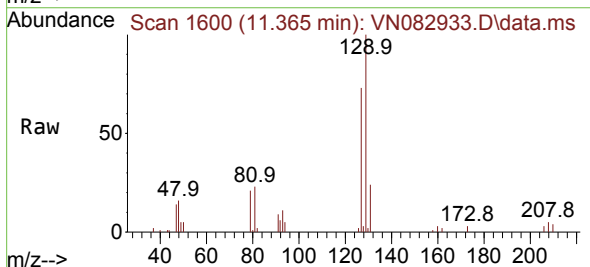


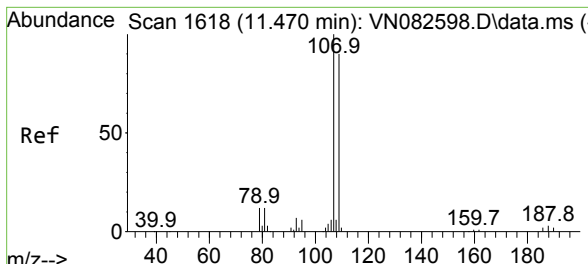
Tgt Ion: 43 Resp: 129191  
Ion Ratio Lower Upper  
43 100  
58 51.6 24.6 73.8



#60  
Dibromochloromethane  
Concen: 20.487 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

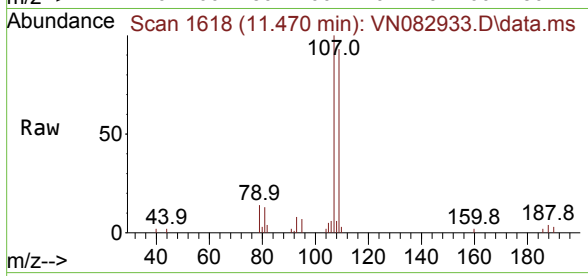
Tgt Ion:129 Resp: 25813  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.2 117.6



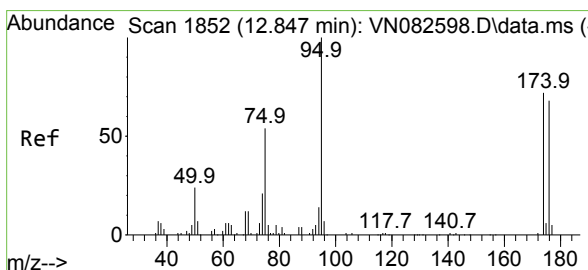
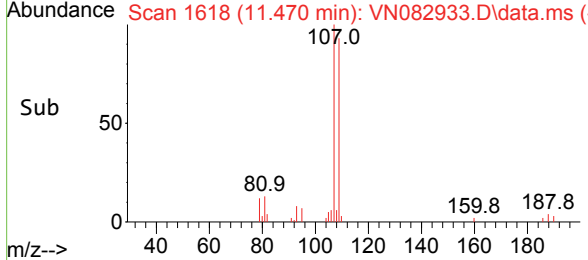
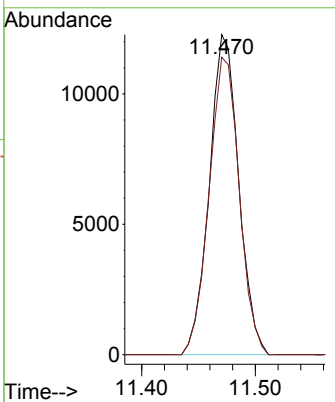


#61  
 1,2-Dibromoethane  
 Concen: 20.967 ug/l  
 RT: 11.470 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

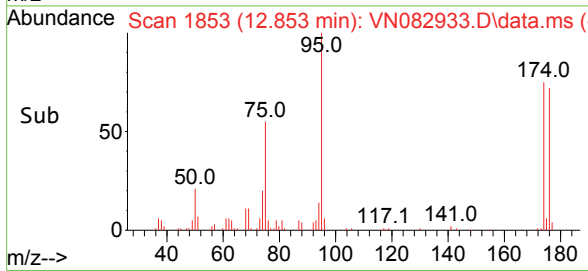
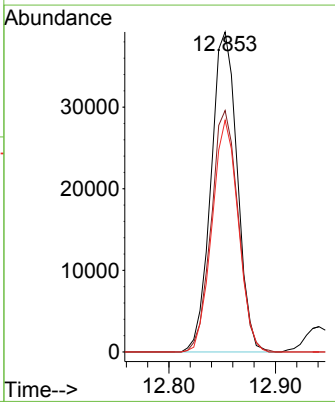
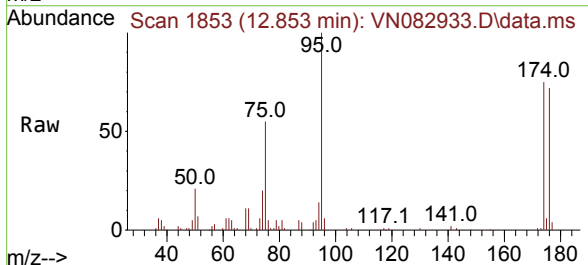


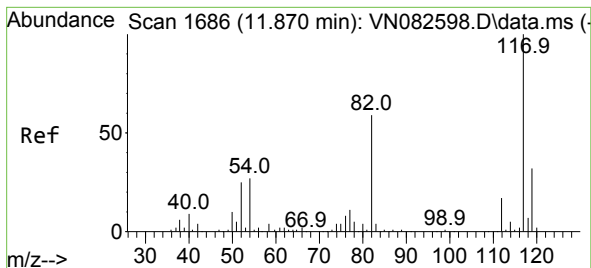
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 22026 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 95.5  | 73.7  | 110.5 |



#62  
 4-Bromofluorobenzene  
 Concen: 49.778 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 67063 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 77.4  | 0.0   | 159.2 |
| 176       | 72.5  | 0.0   | 147.6 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

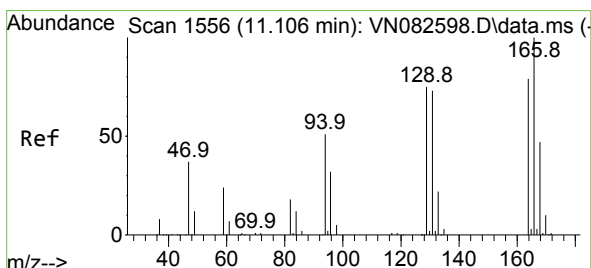
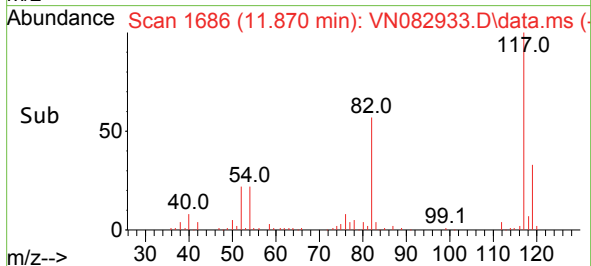
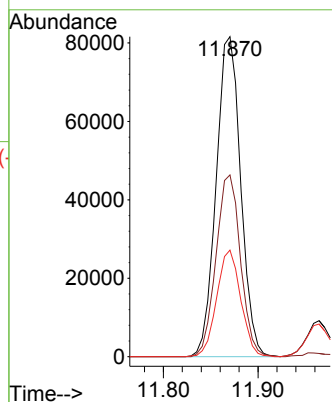
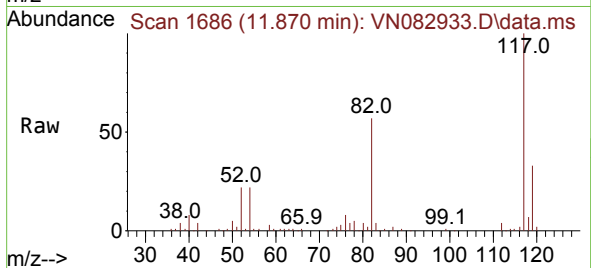
Tgt Ion:117 Resp: 147215

Ion Ratio Lower Upper

117 100

82 56.8 47.5 71.3

119 33.3 25.6 38.4



#64

Tetrachloroethene

Concen: 17.827 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Tgt Ion:164 Resp: 19580

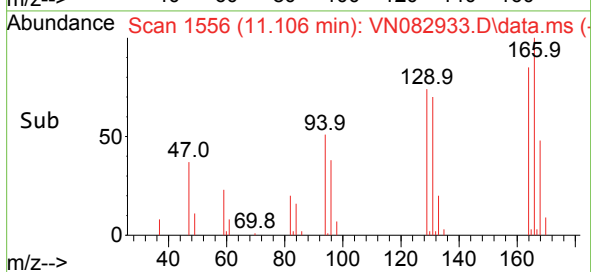
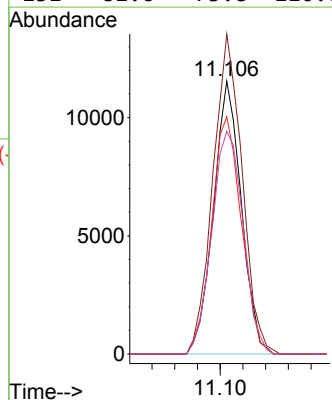
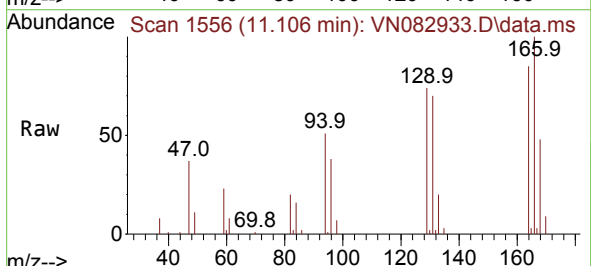
Ion Ratio Lower Upper

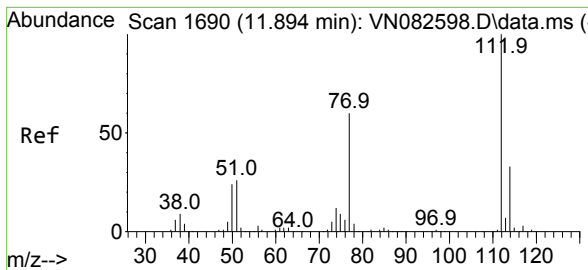
164 100

166 117.3 101.4 152.0

129 87.0 75.7 113.5

131 81.6 73.8 110.6

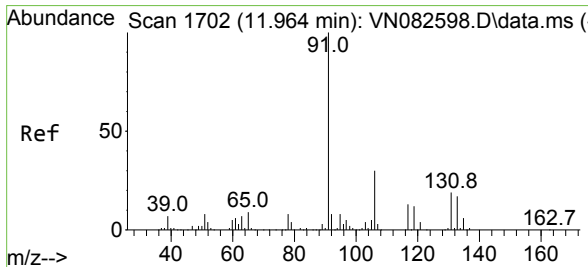
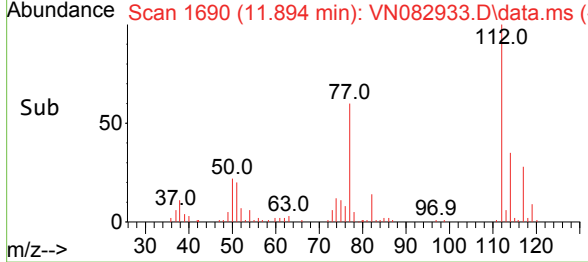
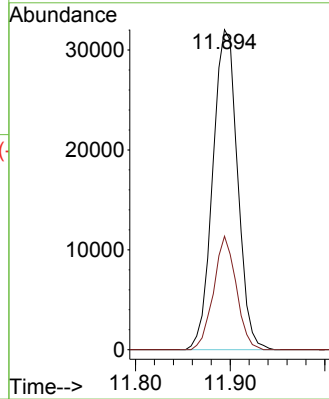
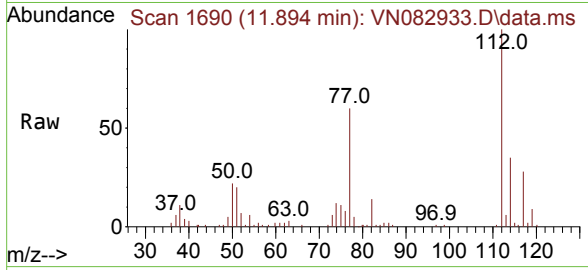




#65  
Chlorobenzene  
Concen: 18.436 ug/l  
RT: 11.894 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

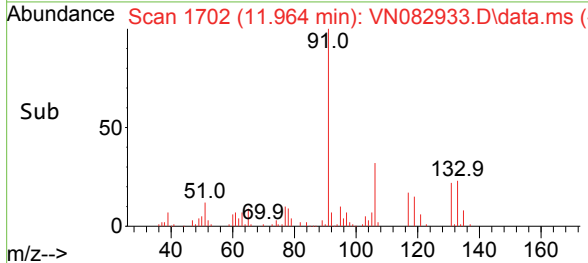
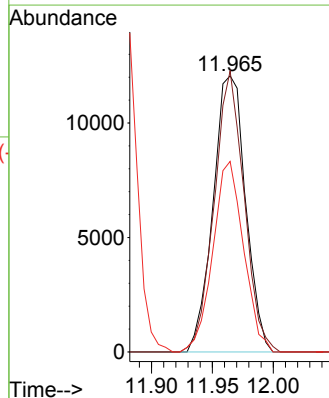
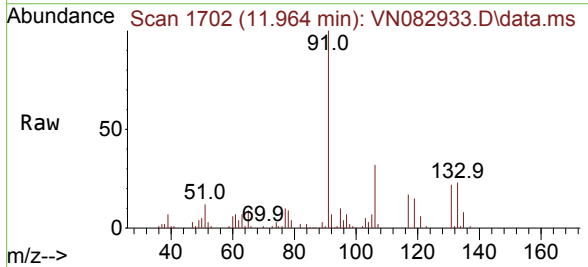
Instrument :  
MSVOA\_N  
ClientSampleId :

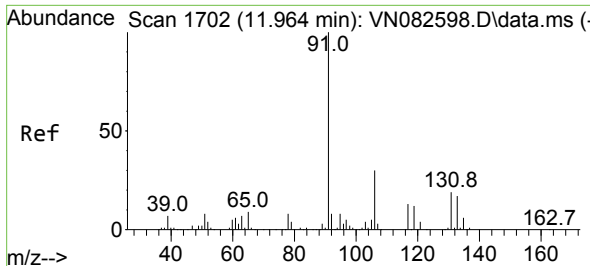
Tgt Ion:112 Resp: 58158  
Ion Ratio Lower Upper  
112 100  
114 35.4 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.920 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion:131 Resp: 22352  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.3 142.0  
119 65.3 32.5 97.4

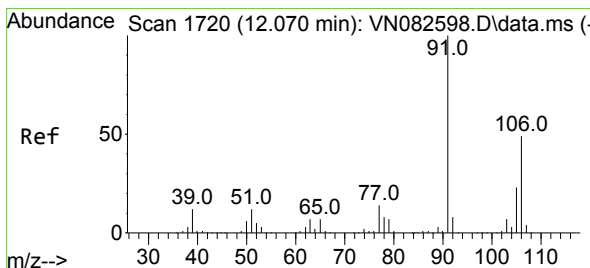
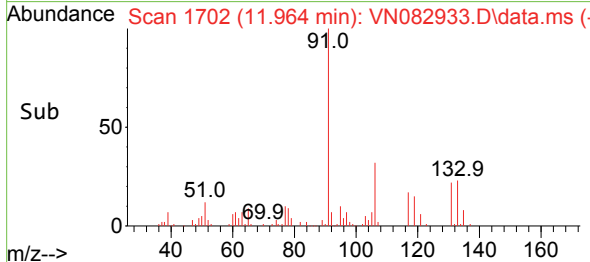
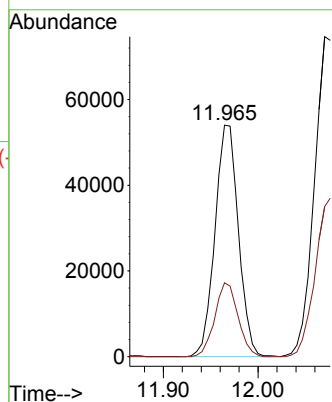
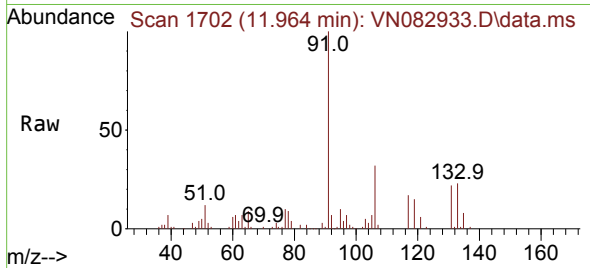




#67  
Ethyl Benzene  
Concen: 17.533 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

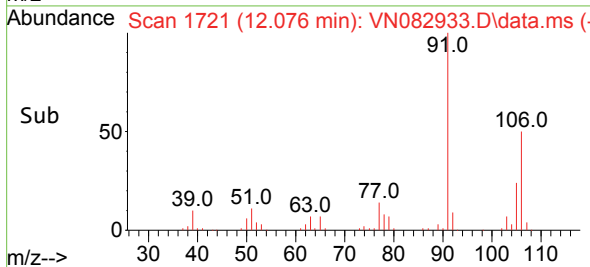
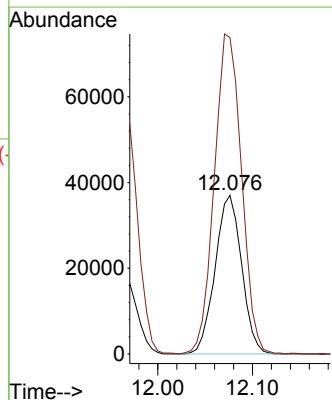
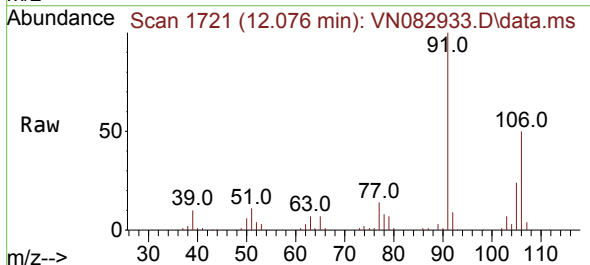
Instrument :  
MSVOA\_N  
ClientSampleId :

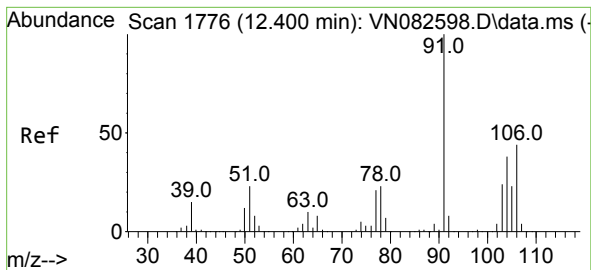
Tgt Ion: 91 Resp: 92956  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.0 36.0



#68  
m/p-Xylenes  
Concen: 35.964 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 106 Resp: 71989  
Ion Ratio Lower Upper  
106 100  
91 207.2 166.1 249.1





#69

o-Xylene

Concen: 17.937 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

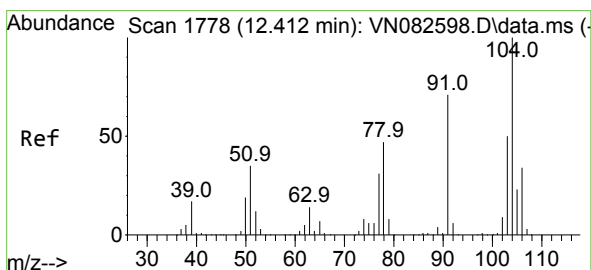
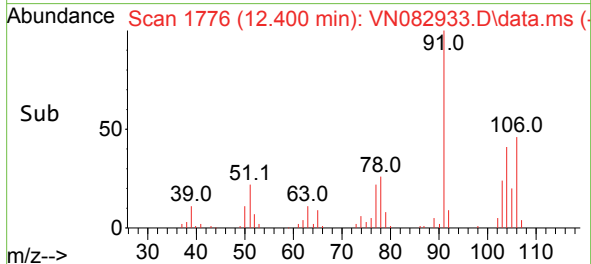
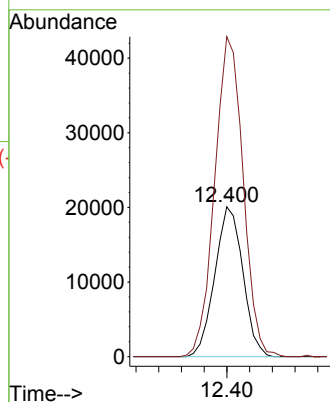
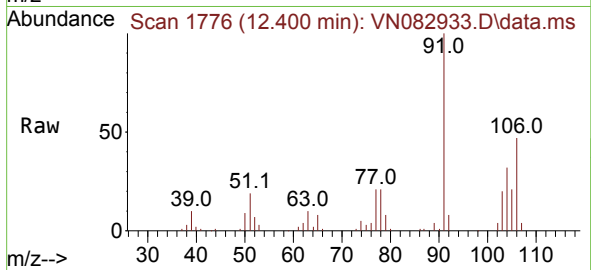
ClientSampleId :

Tgt Ion:106 Resp: 34402

Ion Ratio Lower Upper

106 100

91 216.7 111.3 333.9



#70

Styrene

Concen: 18.622 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

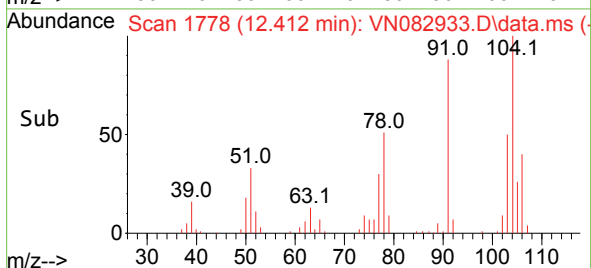
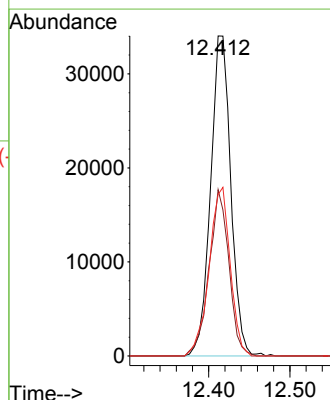
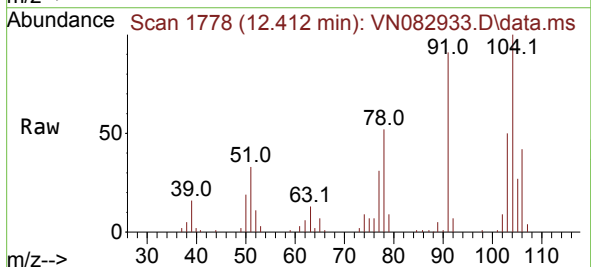
Tgt Ion:104 Resp: 59014

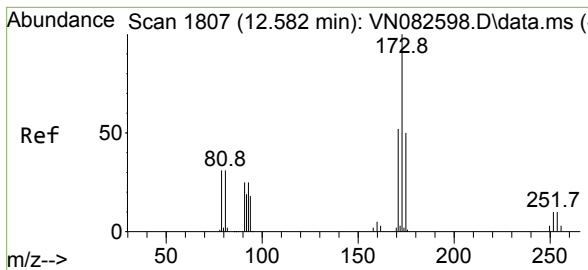
Ion Ratio Lower Upper

104 100

78 50.7 41.6 62.4

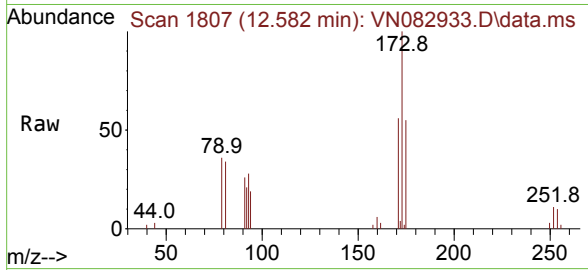
103 54.8 44.0 66.0



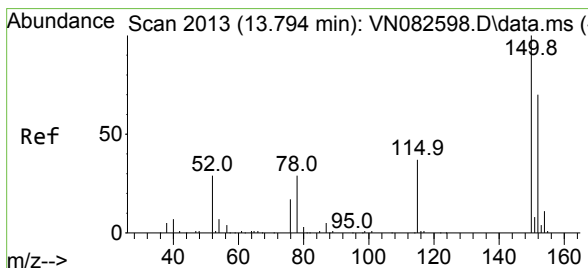
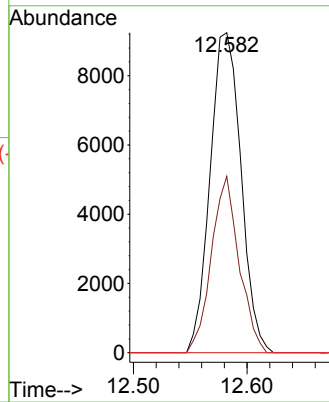
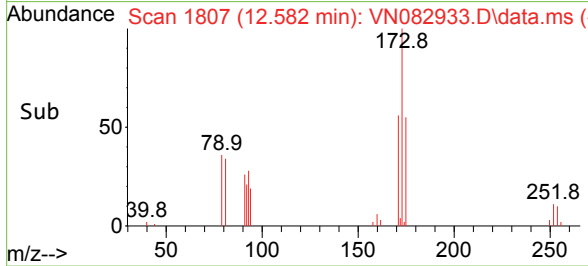


#71  
Bromoform  
Concen: 19.821 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

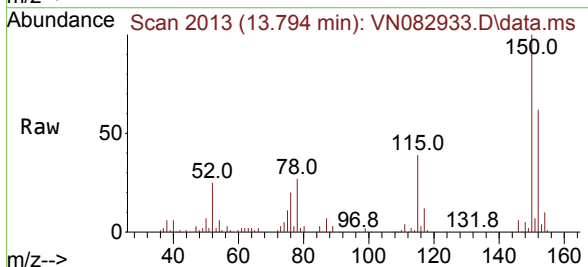
Instrument :  
MSVOA\_N  
ClientSampleId :



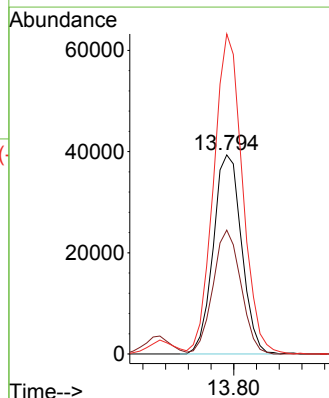
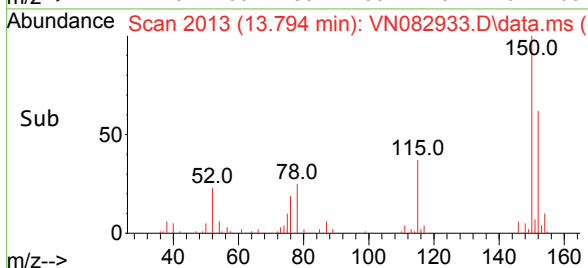
Tgt Ion:173 Resp: 17491  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.0 72.0  
254 0.0 0.0 0.0

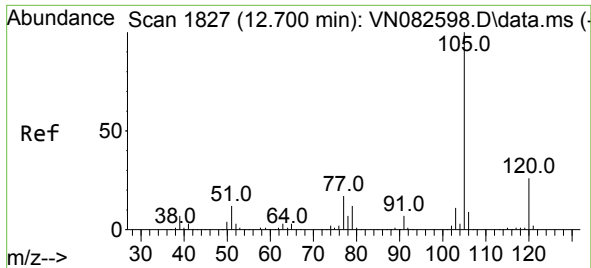


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01



Tgt Ion:152 Resp: 68052  
Ion Ratio Lower Upper  
152 100  
115 61.5 30.6 91.6  
150 164.0 0.0 348.6

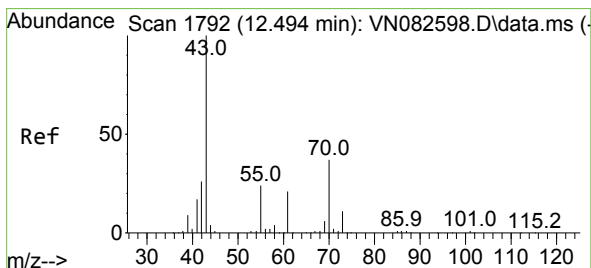
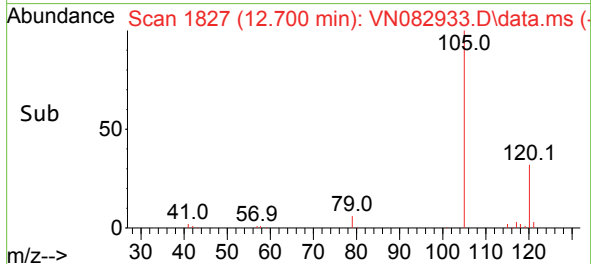
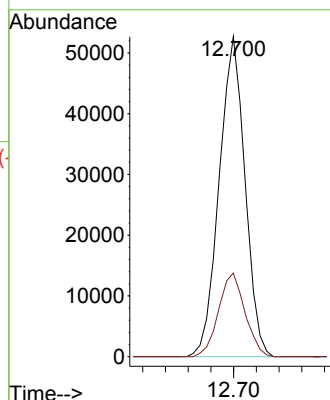
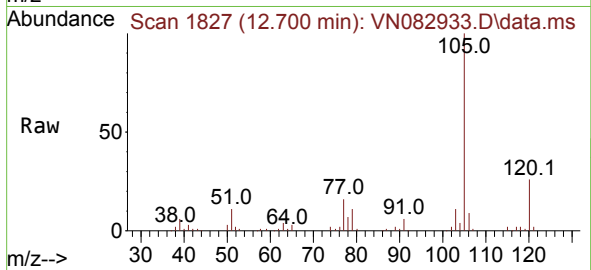




#73  
Isopropylbenzene  
Concen: 16.791 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

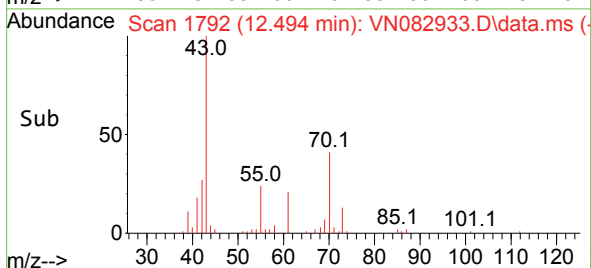
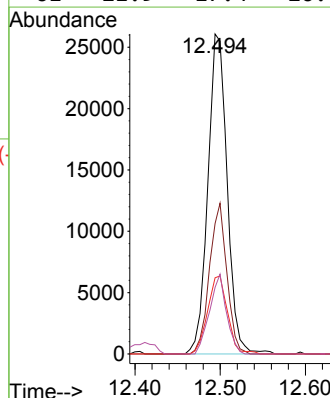
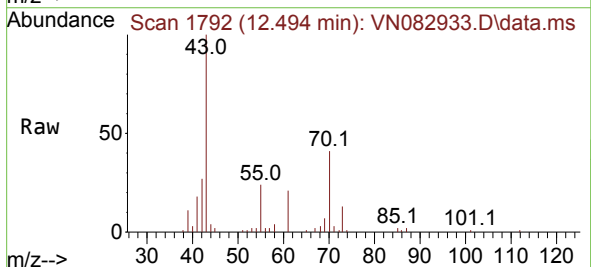
Instrument :  
MSVOA\_N  
ClientSampleId :

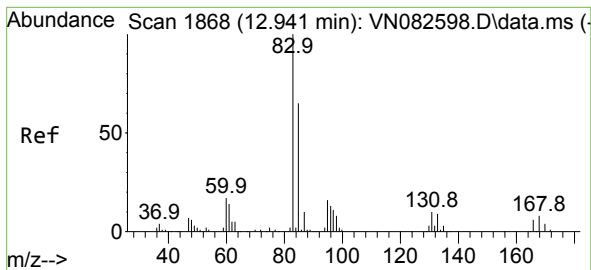
Tgt Ion:105 Resp: 83030  
Ion Ratio Lower Upper  
105 100  
120 26.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 20.105 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 43 Resp: 41123  
Ion Ratio Lower Upper  
43 100  
70 42.5 29.8 44.6  
55 25.1 18.7 28.1  
61 21.9 17.4 26.0





#75

1,1,2-Tetrachloroethane

Concen: 22.435 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

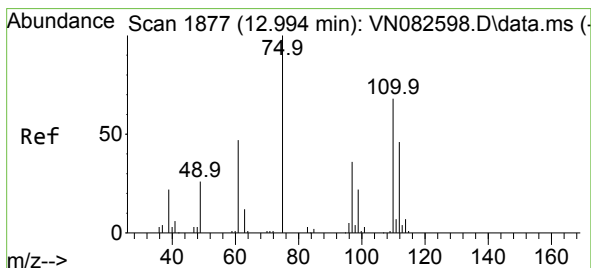
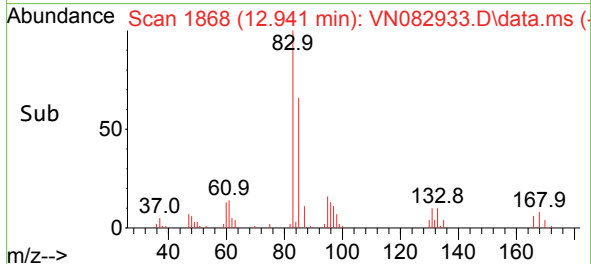
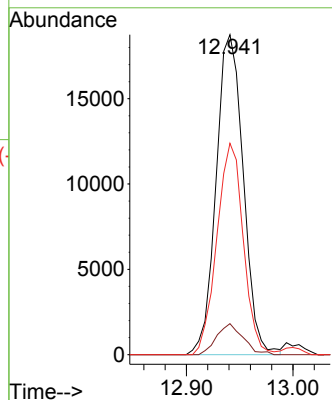
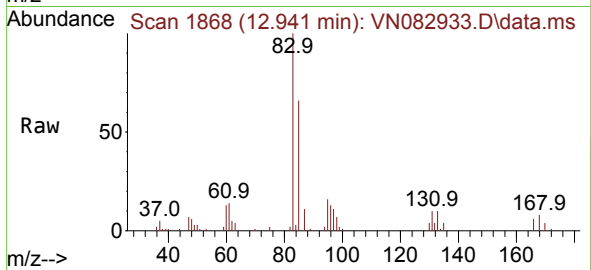
Tgt Ion: 83 Resp: 33226

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 37.370 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN082933.D

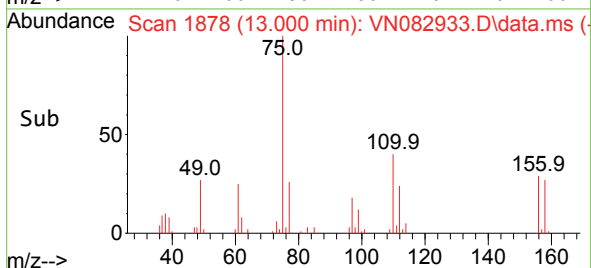
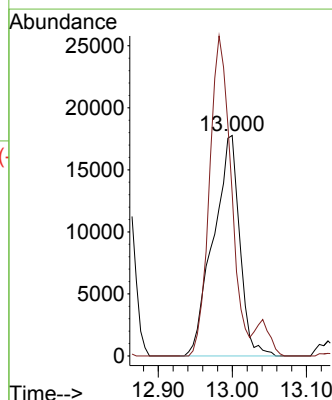
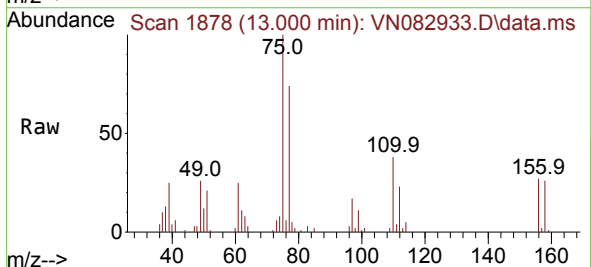
Acq: 16 Jul 2024 14:01

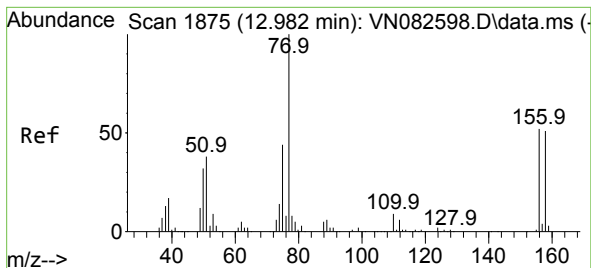
Tgt Ion: 75 Resp: 43845

Ion Ratio Lower Upper

75 100

77 119.3 110.9 332.6





#77

Bromobenzene

Concen: 17.200 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

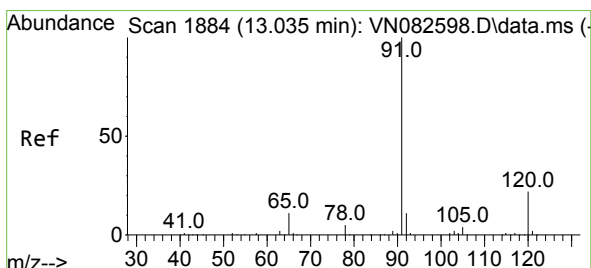
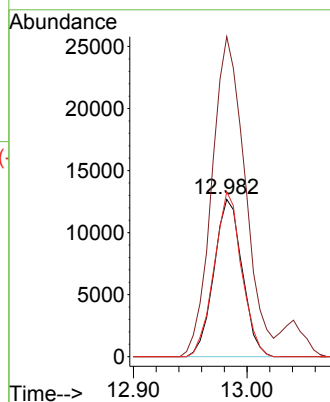
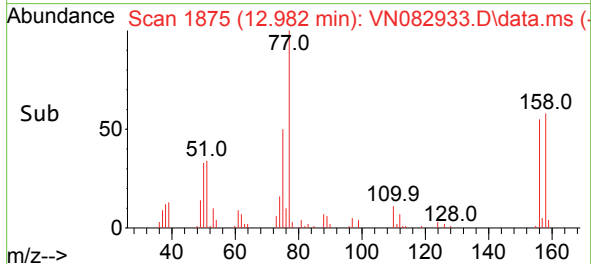
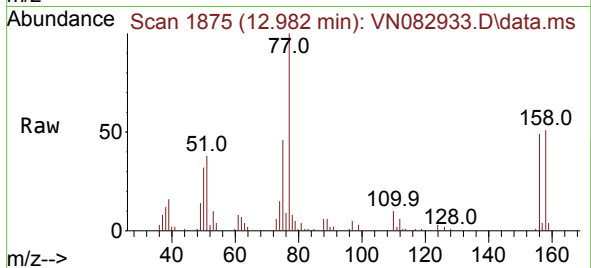
Tgt Ion:156 Resp: 21942

Ion Ratio Lower Upper

156 100

77 238.5 111.3 333.8

158 101.8 48.3 144.9



#78

n-propylbenzene

Concen: 18.051 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082933.D

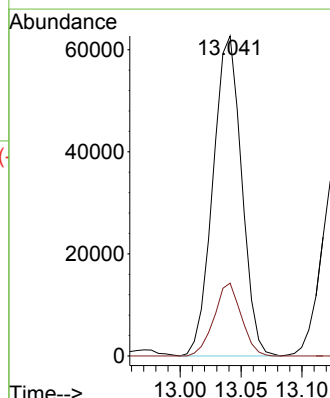
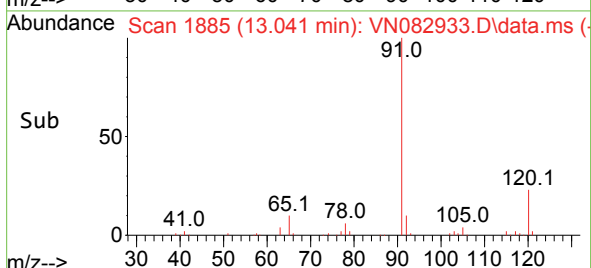
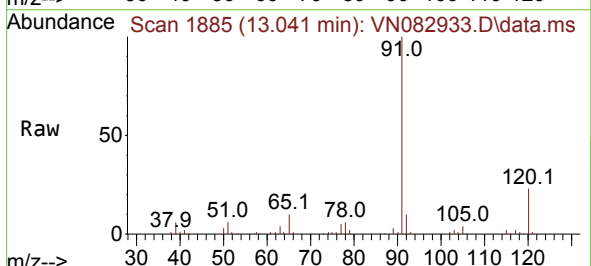
Acq: 16 Jul 2024 14:01

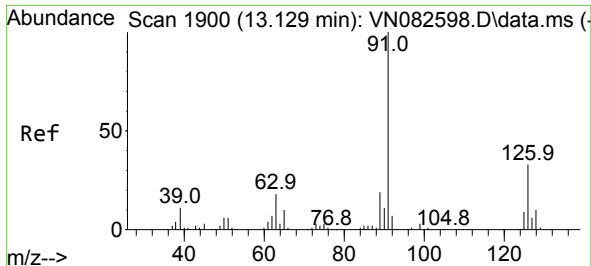
Tgt Ion: 91 Resp: 102631

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.9

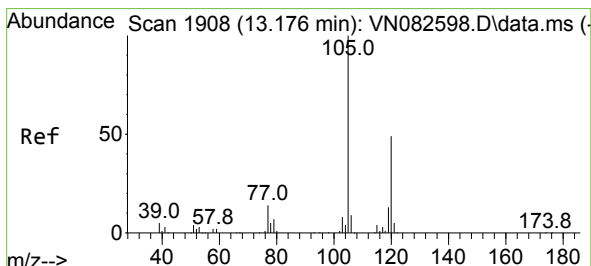
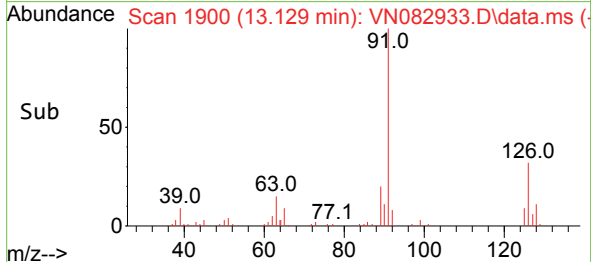
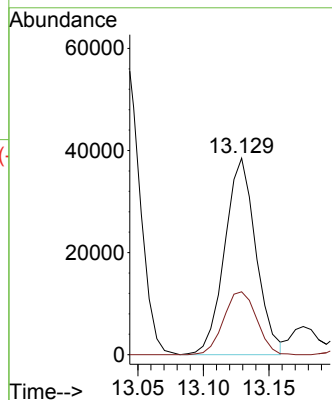
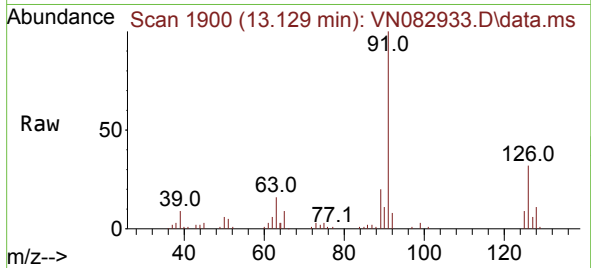




#79  
2-Chlorotoluene  
Concen: 17.635 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

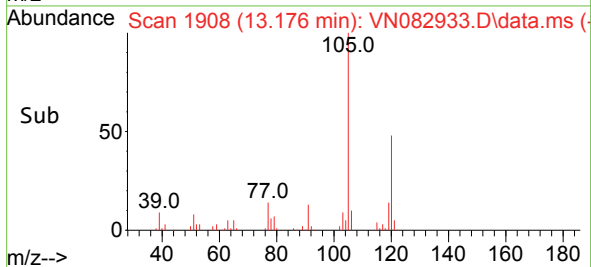
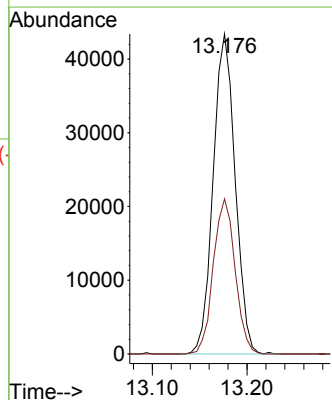
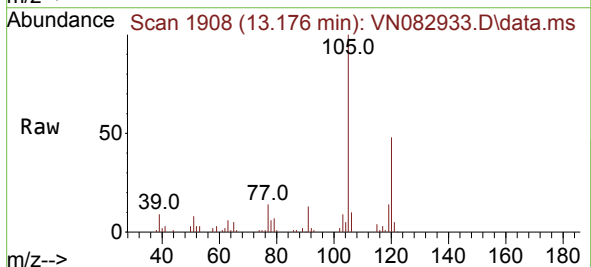
Instrument :  
MSVOA\_N  
ClientSampleId :

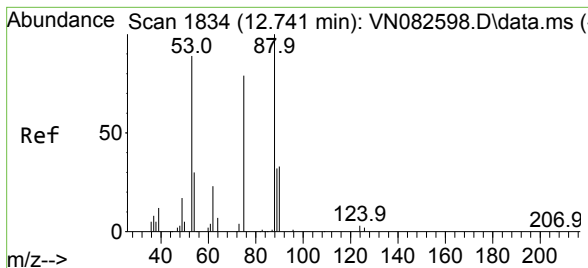
Tgt Ion: 91 Resp: 63884  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 17.490 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 105 Resp: 69911  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.3 72.8

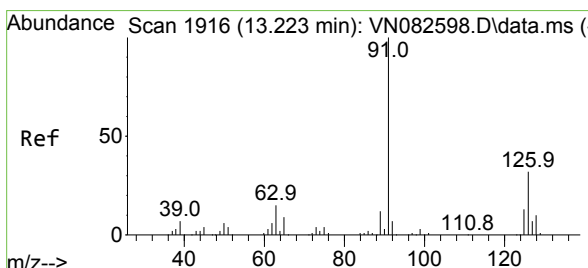
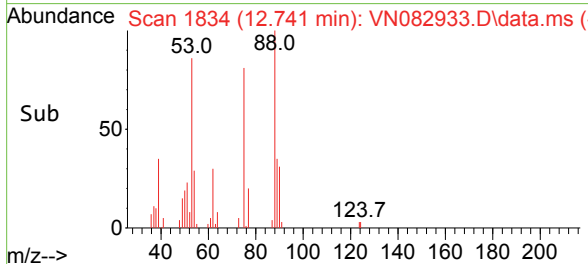
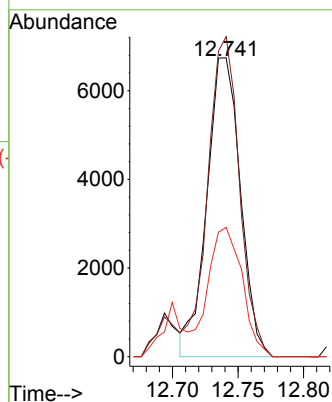
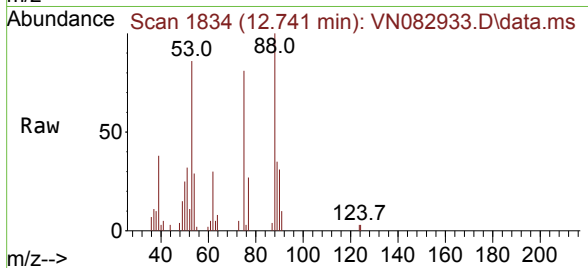




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.084 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

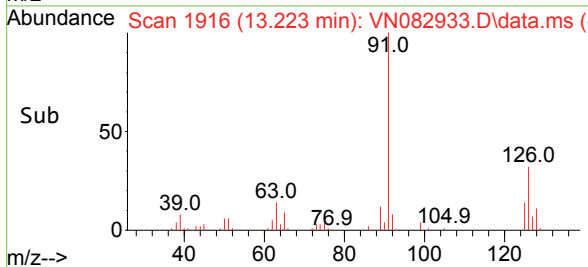
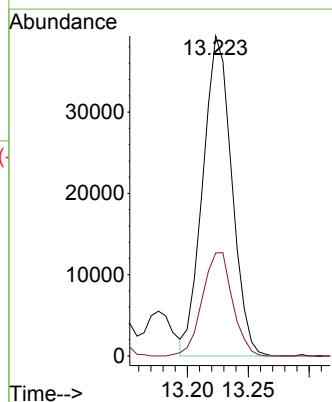
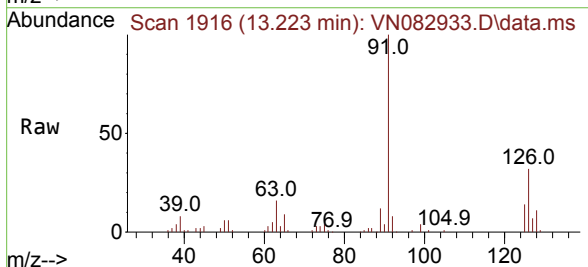
Instrument :  
MSVOA\_N  
ClientSampleId :

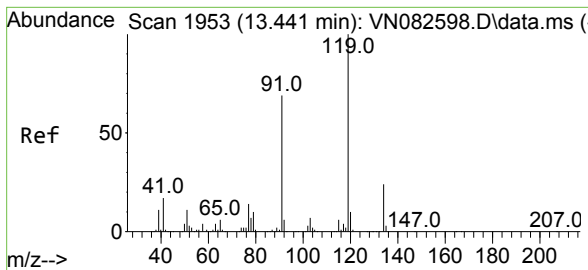
Tgt Ion: 75 Resp: 11981  
Ion Ratio Lower Upper  
75 100  
53 101.6 88.4 132.6  
89 44.3 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 18.188 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

Tgt Ion: 91 Resp: 65217  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.2 48.6

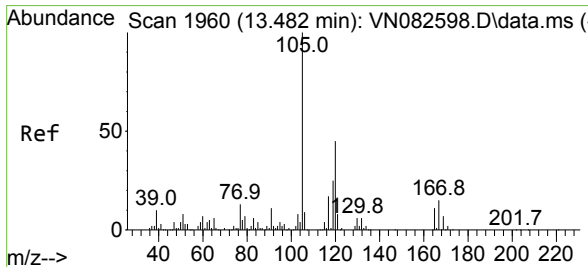
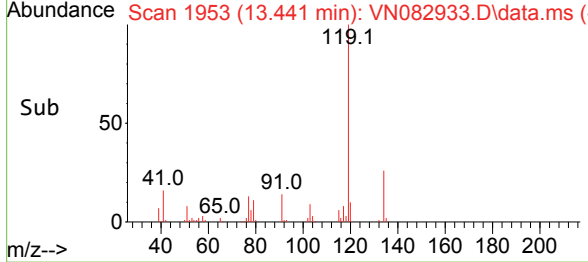
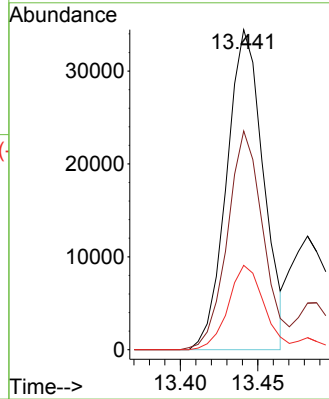
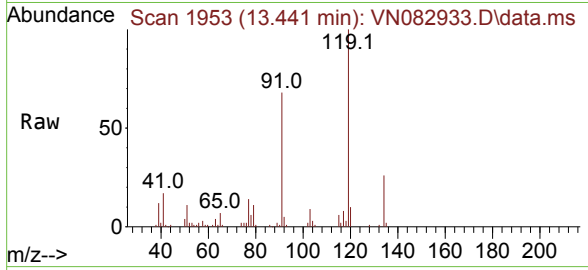




#83  
 tert-Butylbenzene  
 Concen: 16.023 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

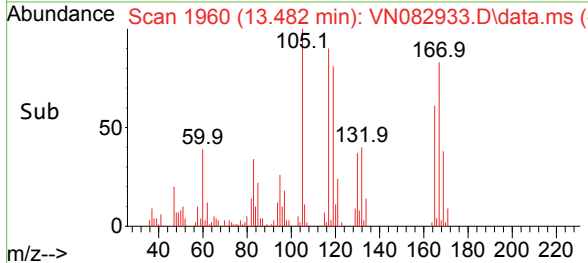
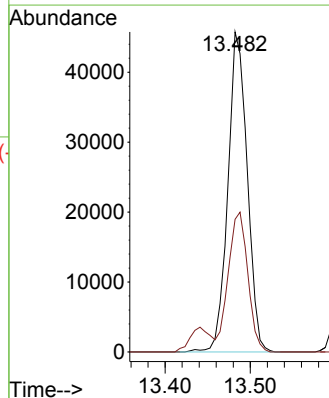
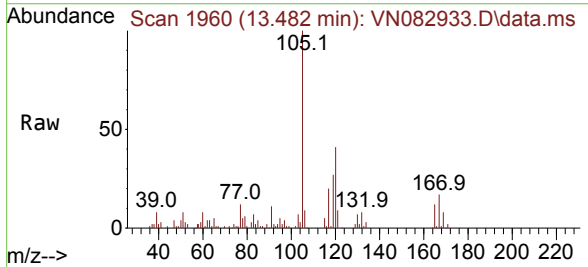
Instrument :  
 MSVOA\_N  
 ClientSampleId :

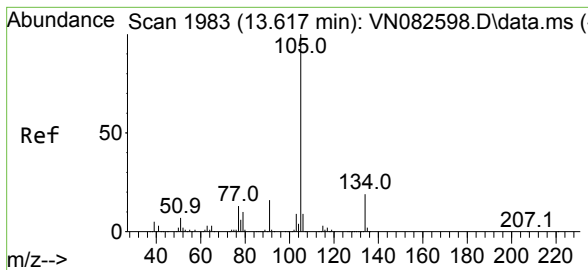
Tgt Ion:119 Resp: 56780  
 Ion Ratio Lower Upper  
 119 100  
 91 67.1 35.0 105.1  
 134 25.6 13.3 39.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.703 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Tgt Ion:105 Resp: 72121  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 21.9 65.8

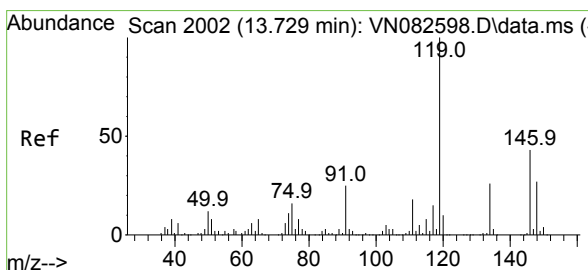
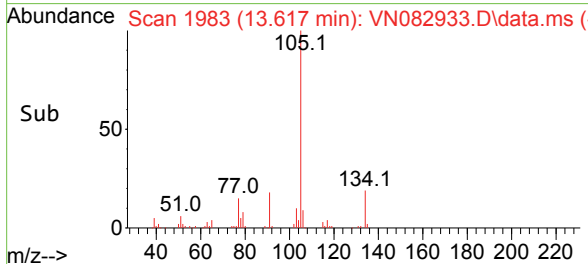
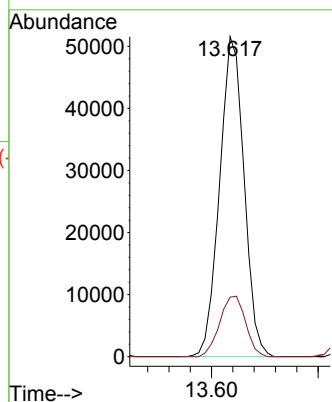
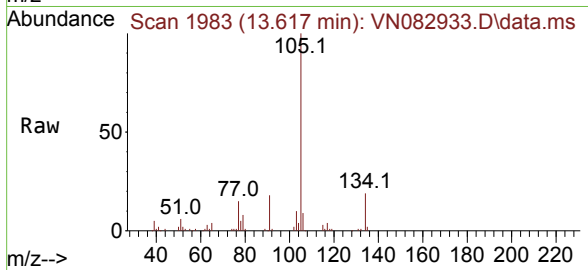




#85  
 sec-Butylbenzene  
 Concen: 17.118 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

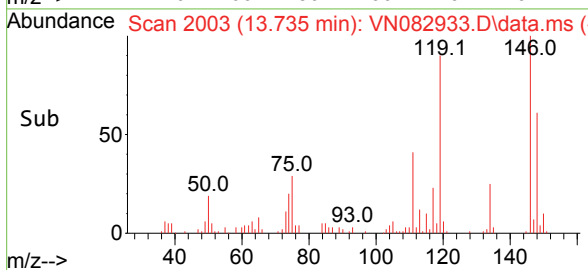
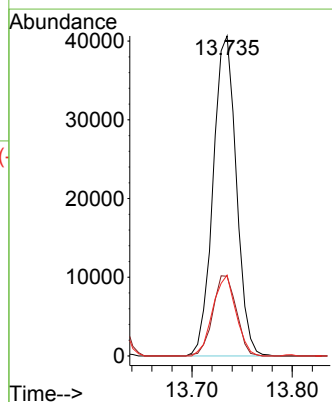
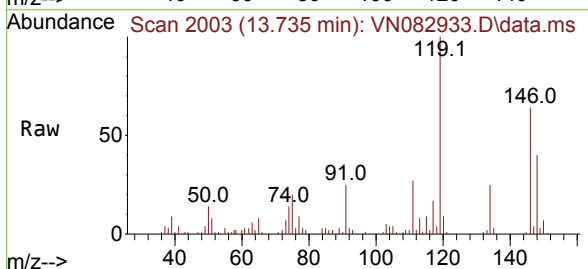
Instrument :  
 MSVOA\_N  
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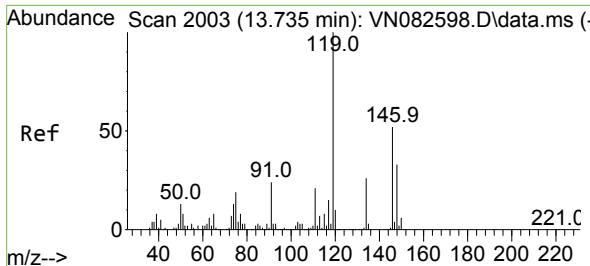
Tgt Ion:105 Resp: 81974  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 16.357 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Tgt Ion:119 Resp: 65351  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 13.0 39.0  
 91 25.2 12.3 36.9

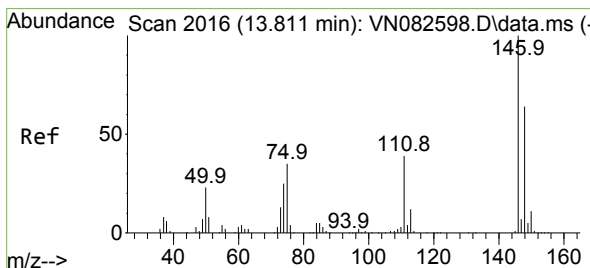
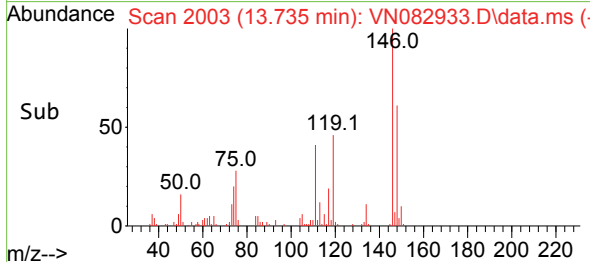
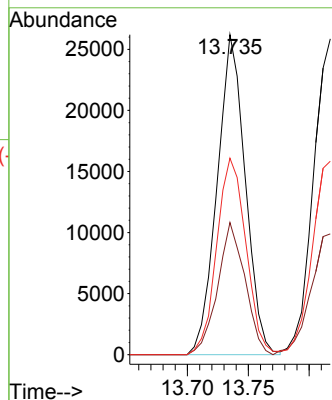
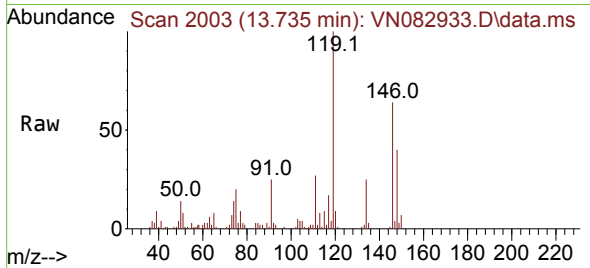




#87  
 1,3-Dichlorobenzene  
 Concen: 18.308 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

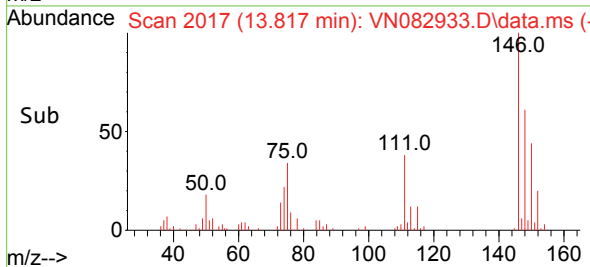
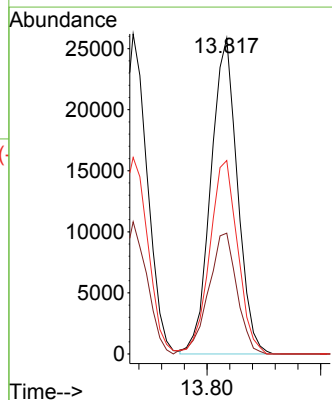
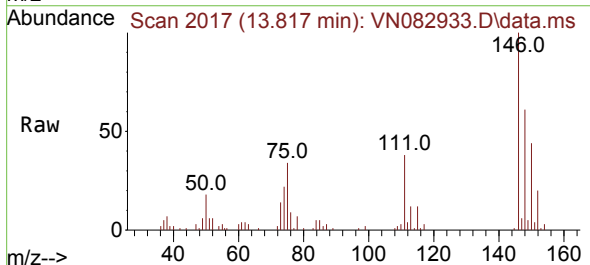
Instrument :  
 MSVOA\_N  
 ClientSampleId :

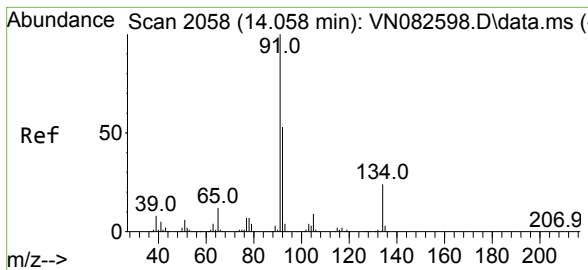
Tgt Ion:146 Resp: 42191  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.6 61.9  
 148 63.8 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 17.668 ug/l  
 RT: 13.817 min Scan# 2017  
 Delta R.T. 0.006 min  
 Lab File: VN082933.D  
 Acq: 16 Jul 2024 14:01

Tgt Ion:146 Resp: 42108  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 20.1 60.3  
 148 64.3 32.2 96.6

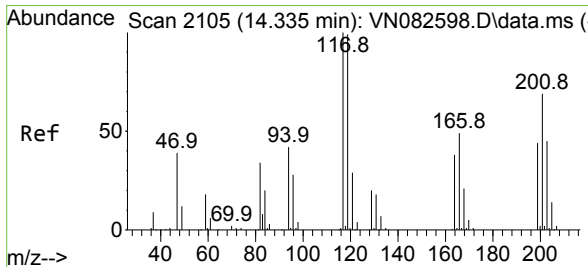
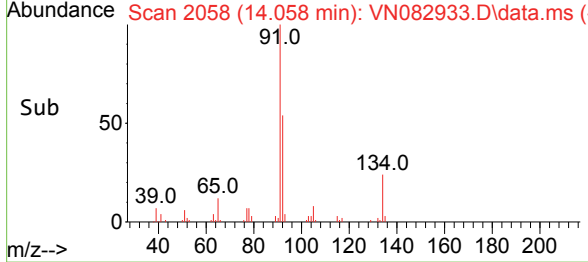
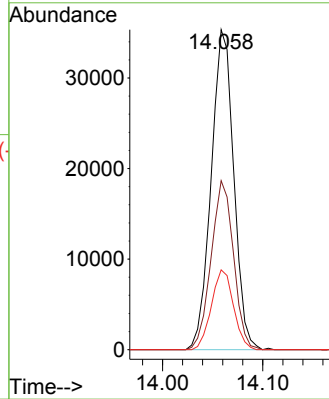
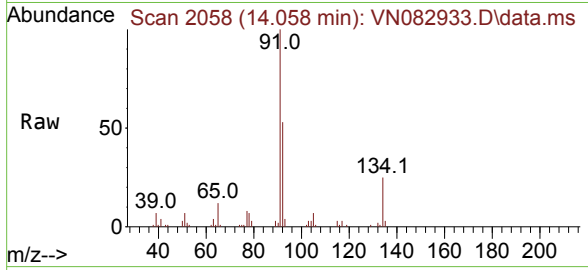




#89  
n-Butylbenzene  
Concen: 16.141 ug/l  
RT: 14.058 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

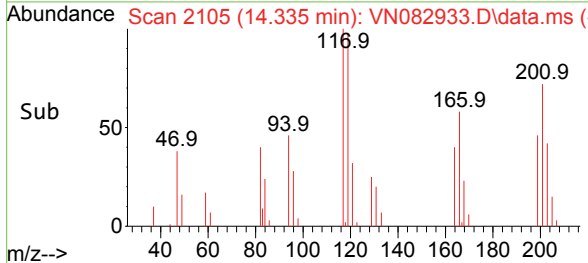
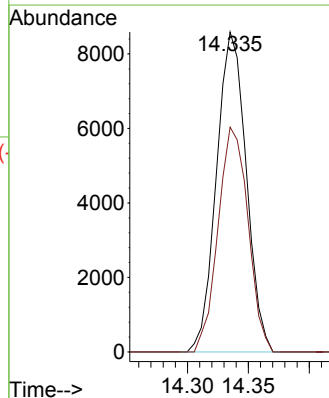
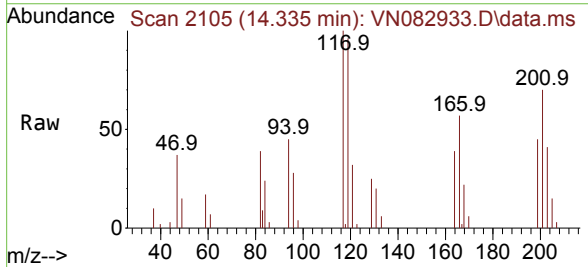
Instrument :  
MSVOA\_N  
ClientSampleId :

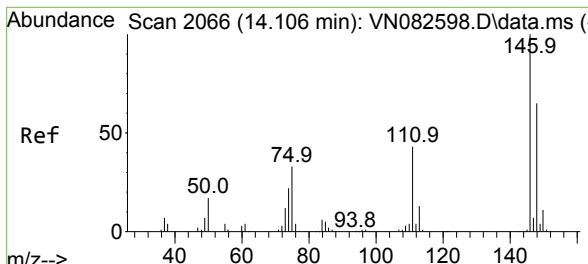
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 55249    |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 52.4 26.1 78.3 |
| 134         | 24.4 12.1 36.3 |



#90  
Hexachloroethane  
Concen: 17.243 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

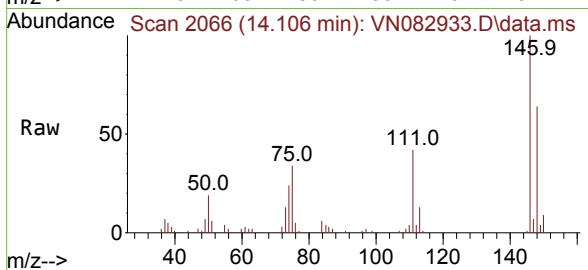
|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 14577     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 70.7 35.8 107.3 |



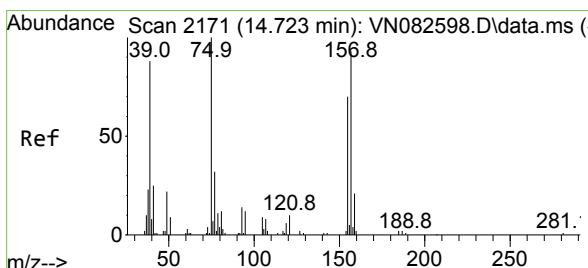
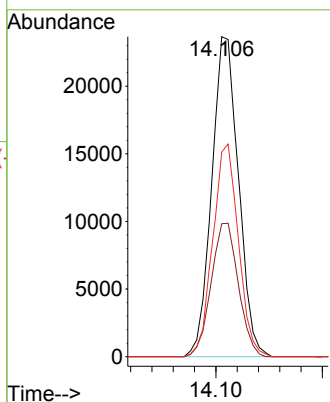
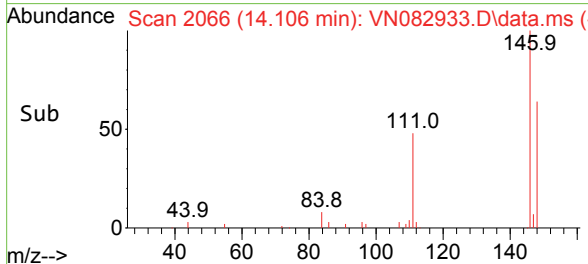


#91  
1,2-Dichlorobenzene  
Concen: 18.396 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01

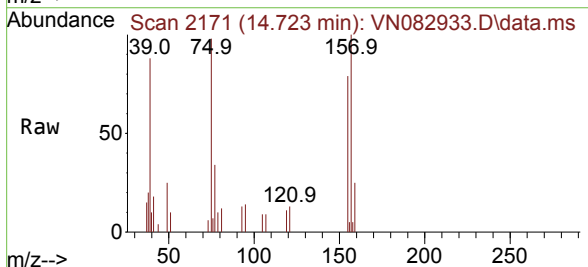
Instrument :  
MSVOA\_N  
ClientSampleId :



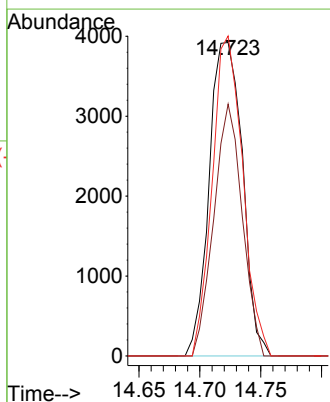
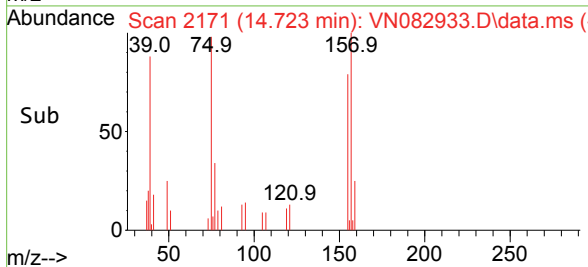
Tgt Ion:146 Resp: 41162  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.4 64.2  
148 63.6 32.1 96.5

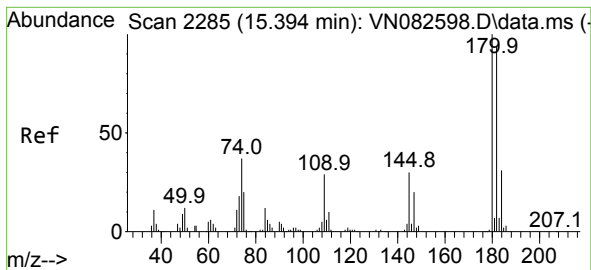


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.706 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN082933.D  
Acq: 16 Jul 2024 14:01



Tgt Ion: 75 Resp: 7437  
Ion Ratio Lower Upper  
75 100  
155 69.0 36.6 109.8  
157 93.4 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 15.537 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

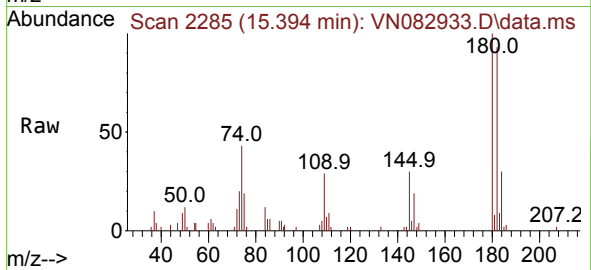
Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :



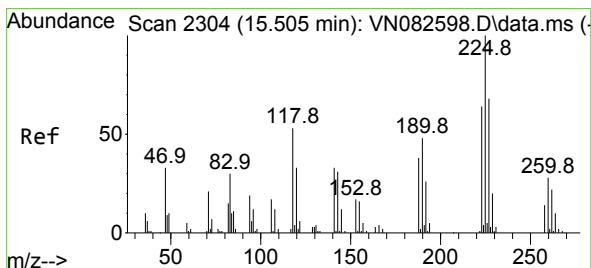
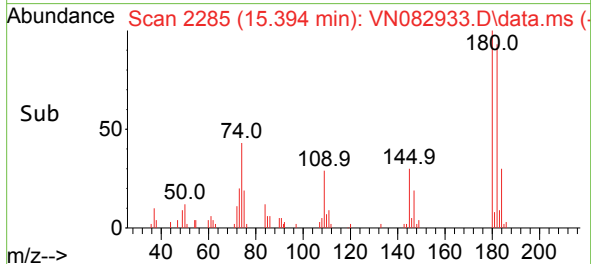
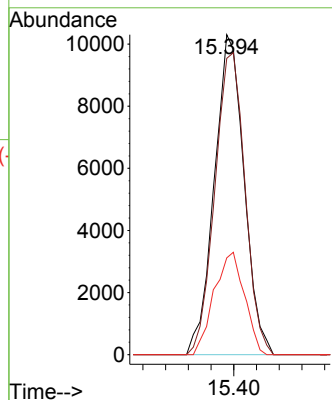
Tgt Ion:180 Resp: 18726

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 15.437 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

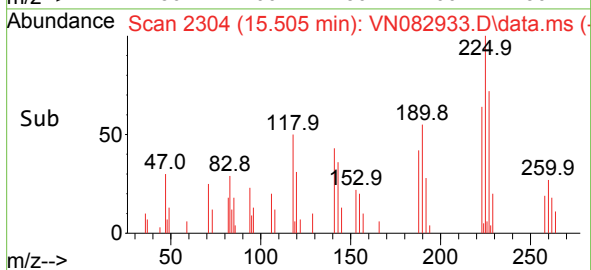
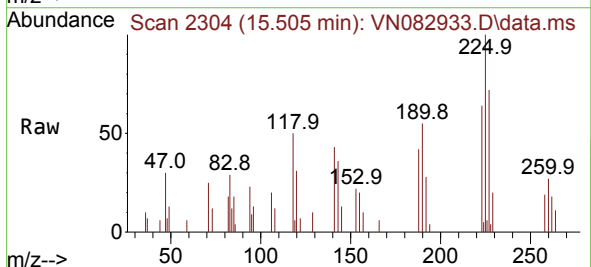
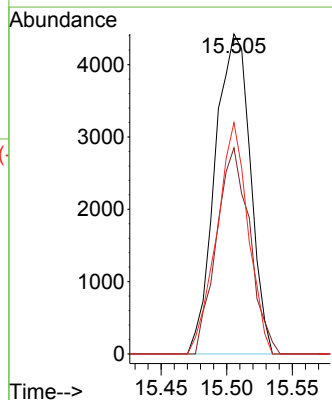
Tgt Ion:225 Resp: 8248

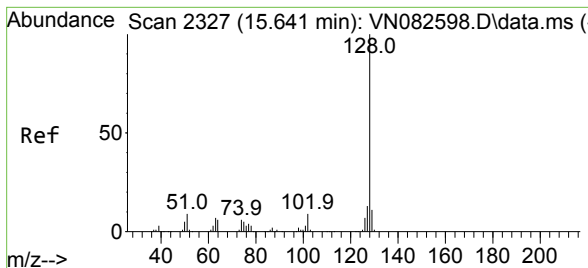
Ion Ratio Lower Upper

225 100

223 60.9 31.9 95.7

227 64.4 32.5 97.5





#95

Naphthalene

Concen: 16.681 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA\_N

ClientSampleId :

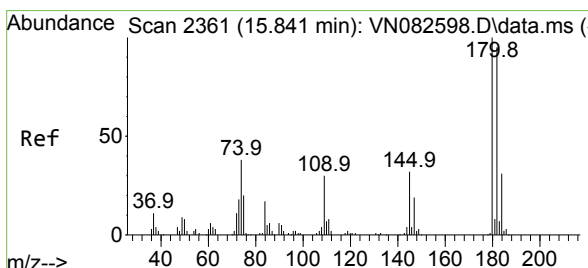
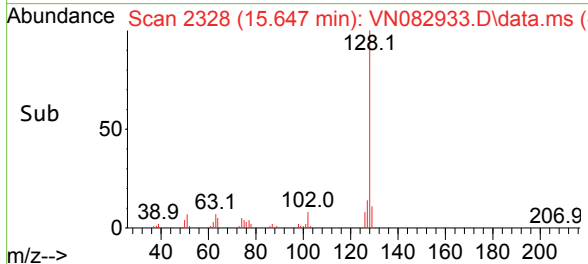
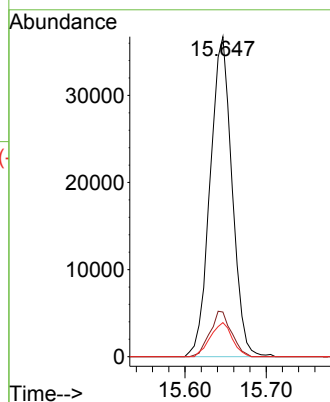
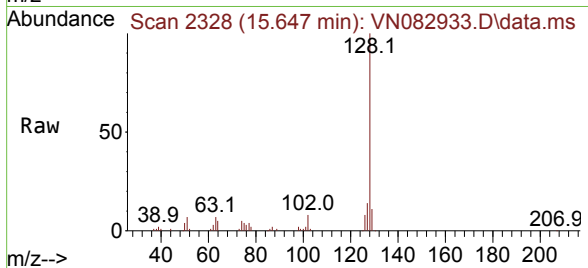
Tgt Ion:128 Resp: 68859

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.526 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082933.D

Acq: 16 Jul 2024 14:01

Tgt Ion:180 Resp: 20480

Ion Ratio Lower Upper

180 100

182 95.4 48.9 146.8

145 32.7 16.8 50.4

