

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092523\  
 Data File : VN079340.D  
 Acq On : 25 Sep 2023 12:56  
 Operator : JC\MD  
 Sample : VN0925WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 26 06:18:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 154959   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 273826   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871 | 117   | 251669   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 101200   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 125384   | 59.941   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 119.880% |
| 35) Dibromofluoromethane     | 8.171  | 113   | 95484    | 52.422   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 104.840% |
| 50) Toluene-d8               | 10.571 | 98    | 349265   | 52.222   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 104.440% |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 110145   | 51.630   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.260% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.130  | 85    | 29703    | 19.373   | ug/l   | 95       |
| 3) Chloromethane             | 2.365  | 50    | 38878    | 19.316   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.518  | 62    | 44942    | 20.493   | ug/l   | 93       |
| 5) Bromomethane              | 2.959  | 94    | 26018    | 20.639   | ug/l   | 95       |
| 6) Chloroethane              | 3.118  | 64    | 32839    | 22.882   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 58250    | 18.138   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.971  | 74    | 21762    | 19.524   | ug/l   | 58       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 32931    | 19.282   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.595  | 142   | 34093    | 24.404   | ug/l   | 91       |
| 11) Tert butyl alcohol       | 5.530  | 59    | 30083    | 77.897   | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.348  | 96    | 31237    | 18.900   | ug/l   | 96       |
| 13) Acrolein                 | 4.183  | 56    | 48029    | 130.377  | ug/l   | 99       |
| 14) Allyl chloride           | 5.024  | 41    | 48043    | 18.223   | ug/l   | 89       |
| 15) Acrylonitrile            | 5.724  | 53    | 102073   | 101.932  | ug/l   | 98       |
| 16) Acetone                  | 4.430  | 43    | 95721    | 107.746  | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.712  | 76    | 77576    | 15.018   | ug/l   | 100      |
| 18) Methyl Acetate           | 5.030  | 43    | 81631    | 22.357   | ug/l # | 82       |
| 19) Methyl tert-butyl Ether  | 5.800  | 73    | 112787   | 19.898   | ug/l   | 94       |
| 20) Methylene Chloride       | 5.277  | 84    | 40638    | 18.797   | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 35246    | 18.384   | ug/l # | 80       |
| 22) Diisopropyl ether        | 6.677  | 45    | 128973   | 22.296   | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.606  | 43    | 370442   | 104.114  | ug/l # | 87       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 74535    | 20.902   | ug/l   | 97       |
| 25) 2-Butanone               | 7.489  | 43    | 136754   | 106.093  | ug/l # | 78       |
| 26) 2,2-Dichloropropane      | 7.489  | 77    | 58984    | 20.156   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 41923    | 19.124   | ug/l   | 88       |
| 28) Bromochloromethane       | 7.812  | 49    | 36524    | 22.653   | ug/l # | 72       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 87241    | 106.354  | ug/l # | 75       |
| 30) Chloroform               | 7.971  | 83    | 78919    | 21.256   | ug/l   | 94       |
| 31) Cyclohexane              | 8.259  | 56    | 57359    | 18.780   | ug/l   | 86       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 63716    | 20.132   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 52212    | 18.597   | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.565  | 43    | 55025    | 19.650   | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 53550    | 18.432   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.606  | 83    | 47676    | 17.216   | ug/l # | 84       |
| 40) Benzene                  | 8.612  | 78    | 161503   | 18.791   | ug/l   | 98       |

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 Sample : VN0925WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 26 06:18:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 30267    | 21.437  | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 62319    | 21.063  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 90426    | 19.790  | ug/l # | 90       |
| 44) Trichloroethene           | 9.353  | 130  | 37789    | 17.849  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 45171    | 21.178  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 30439    | 21.022  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.894  | 83   | 62318    | 21.013  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 42391    | 20.713  | ug/l # | 78       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 15673    | 372.320 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 283007   | 106.699 | ug/l   | 88       |
| 52) Toluene                   | 10.635 | 92   | 100128   | 18.957  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 59724    | 19.098  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 66044    | 19.746  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 41919    | 20.226  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 56300    | 19.244  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 72597    | 20.263  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 128677   | 111.491 | ug/l   | 89       |
| 59) 2-Hexanone                | 11.200 | 43   | 194985   | 101.497 | ug/l   | 87       |
| 60) Dibromochloromethane      | 11.365 | 129  | 43484    | 19.714  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 40198    | 19.436  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 32784    | 17.865  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 102237   | 17.932  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 39810    | 18.621  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.971 | 91   | 179408   | 18.397  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 135571   | 37.297  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 63564    | 18.234  | ug/l   | 92       |
| 70) Styrene                   | 12.418 | 104  | 104250   | 18.594  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 27207    | 17.238  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.700 | 105  | 164644   | 17.882  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 63585    | 18.202  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 62119    | 18.118  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 71304    | 26.143  | ug/l   | 69       |
| 77) Bromobenzene              | 12.982 | 156  | 39797    | 17.070  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.041 | 91   | 195152   | 18.868  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 120041   | 17.745  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 141473   | 18.440  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 15951    | 16.078  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 115906   | 18.234  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 109728   | 17.289  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 134949   | 18.470  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 161055   | 18.432  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 125354   | 17.957  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 66662    | 17.433  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 65702    | 17.004  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 97214    | 17.709  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 26842    | 18.935  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 66760    | 17.685  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9583     | 18.386  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 20225    | 14.909  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 15774    | 14.782  | ug/l   | 100      |
| 95) Naphthalene               | 15.647 | 128  | 50190    | 12.457  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 22222    | 13.887  | ug/l   | 98       |

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Sample : VN0925WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

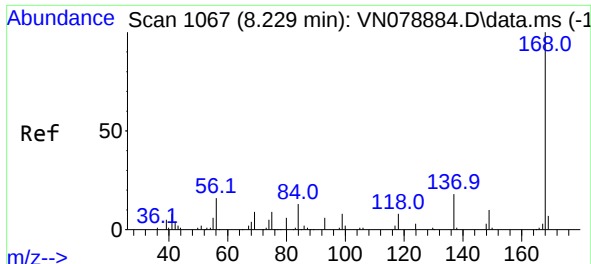
Quant Time: Sep 26 06:18:58 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration

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

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

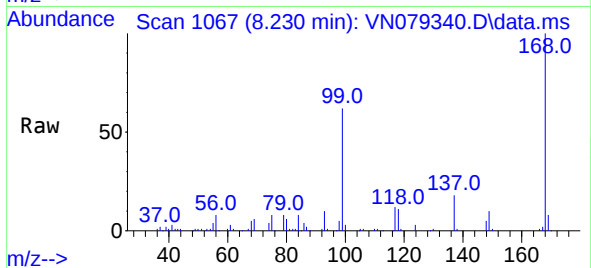
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
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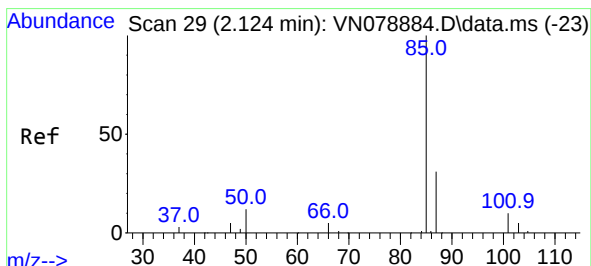
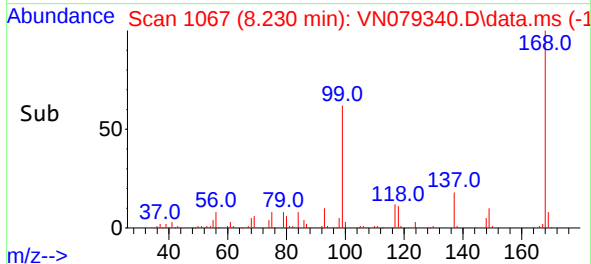
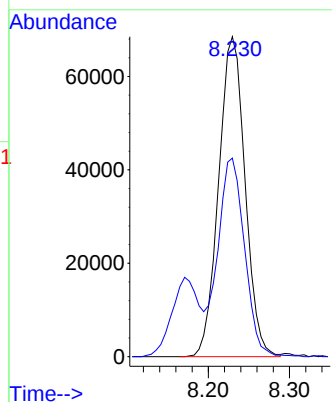


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

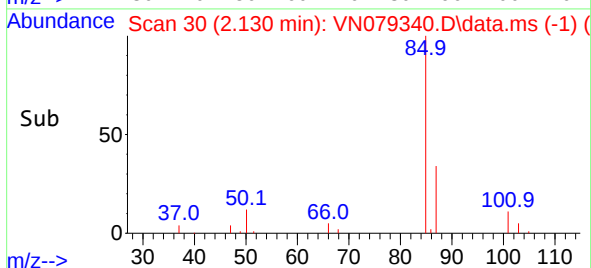
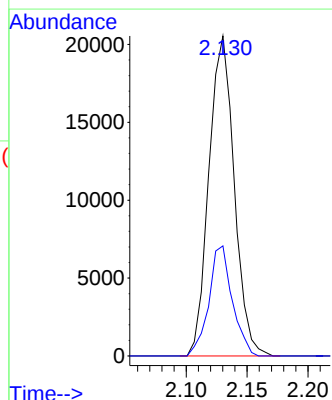
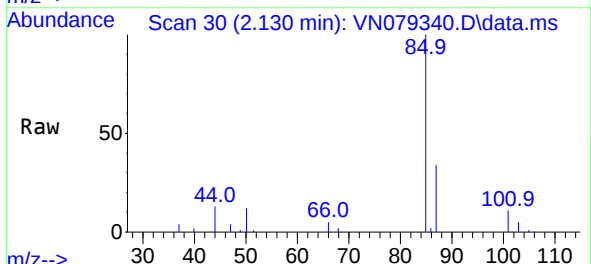


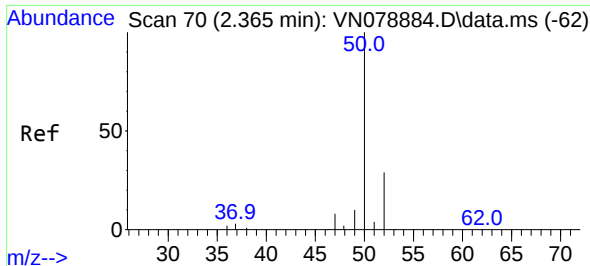
Tgt Ion:168 Resp: 154959  
Ion Ratio Lower Upper  
168 100  
99 61.5 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 19.373 ug/l  
RT: 2.130 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 85 Resp: 29703  
Ion Ratio Lower Upper  
85 100  
87 34.4 15.8 47.4

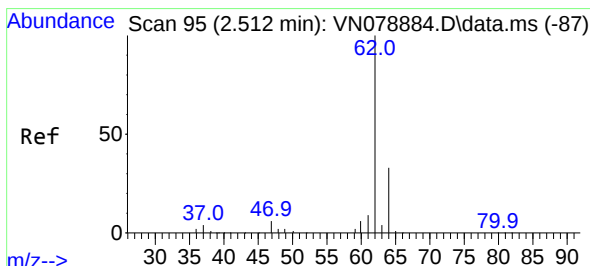
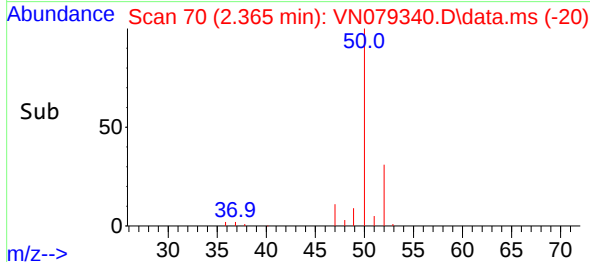
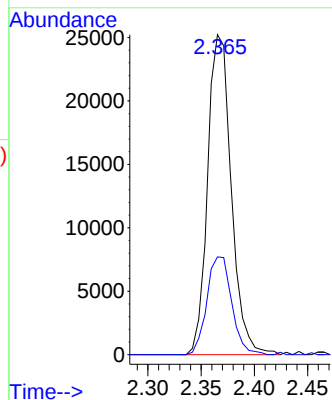
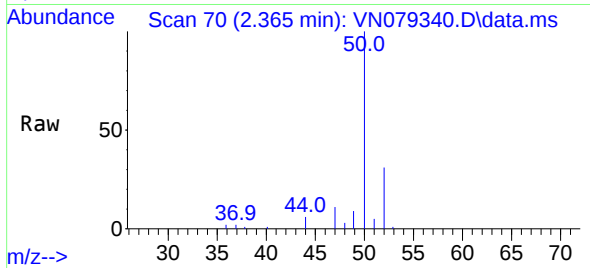




#3  
Chloromethane  
Concen: 19.316 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

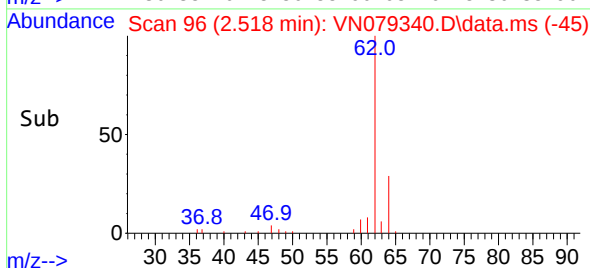
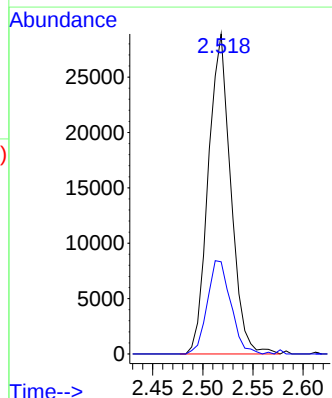
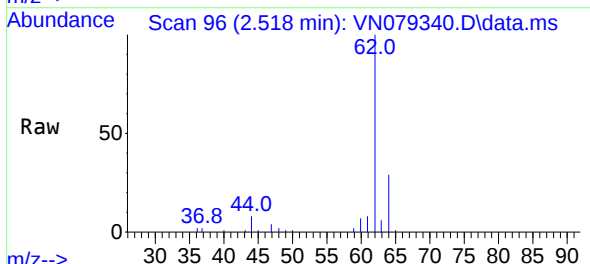
Instrument :  
MSVOA\_N  
ClientSampleId :

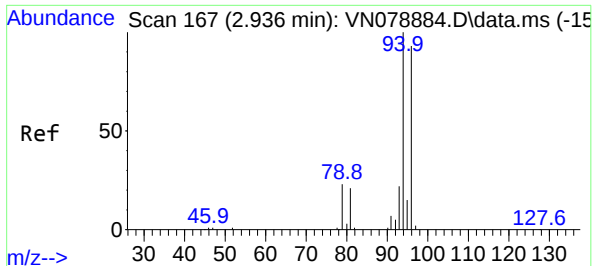
Tgt Ion: 50 Resp: 38878  
Ion Ratio Lower Upper  
50 100  
52 30.5 26.5 39.7



#4  
Vinyl Chloride  
Concen: 20.493 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 62 Resp: 44942  
Ion Ratio Lower Upper  
62 100  
64 28.8 26.2 39.2

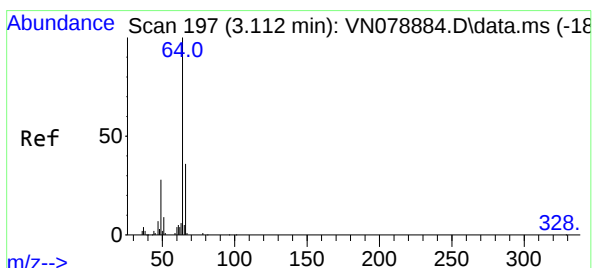
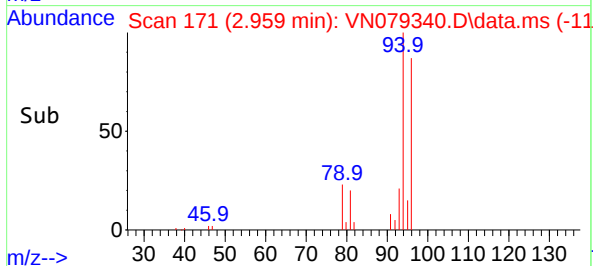
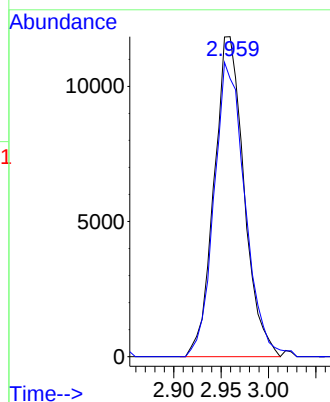
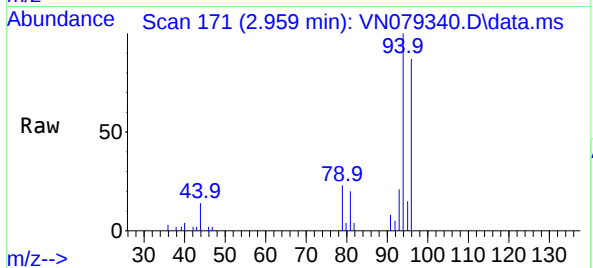




#5  
Bromomethane  
Concen: 20.639 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

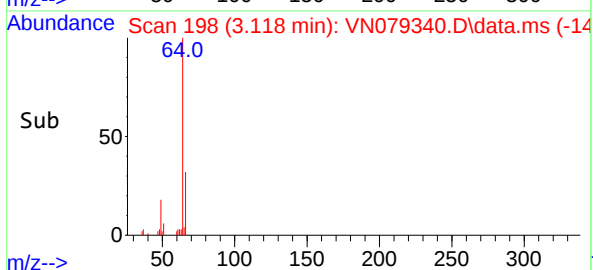
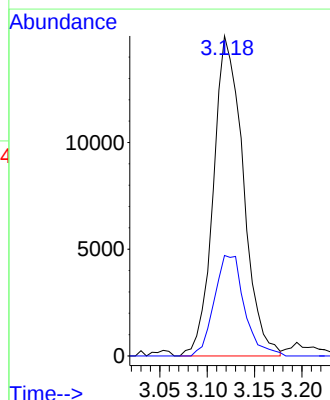
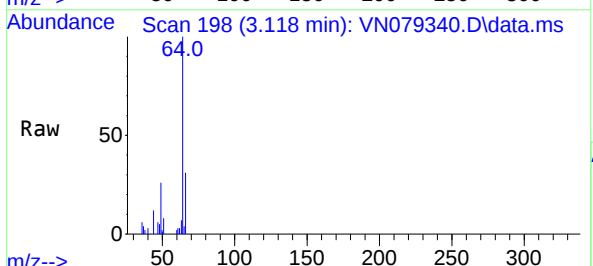
Instrument :  
MSVOA\_N  
ClientSampleId :

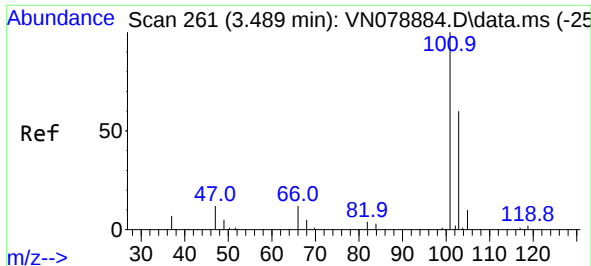
Tgt Ion: 94 Resp: 26018  
Ion Ratio Lower Upper  
94 100  
96 86.9 73.1 109.7



#6  
Chloroethane  
Concen: 22.882 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 64 Resp: 32839  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.4 38.2

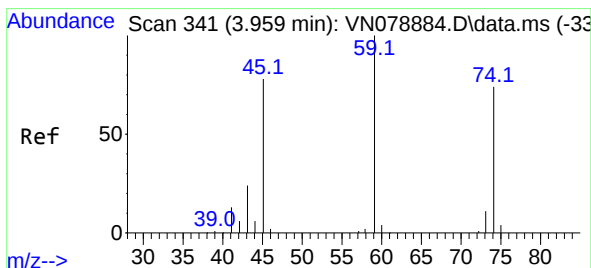
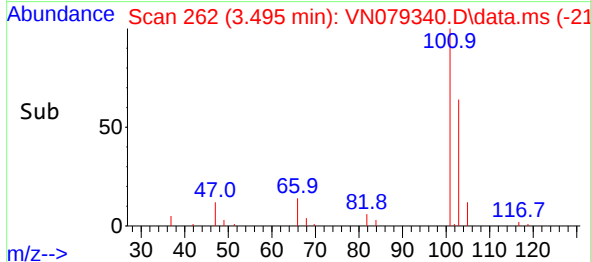
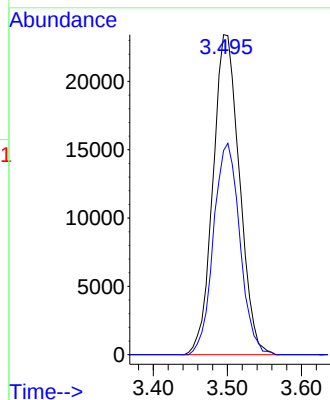
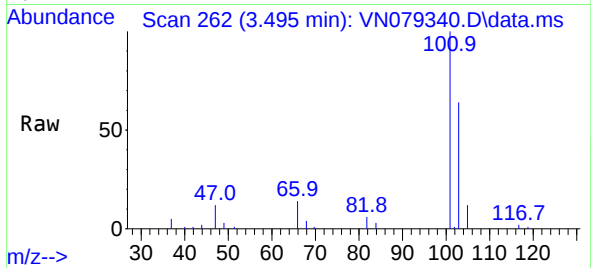




#7  
 Trichlorofluoromethane  
 Concen: 18.138 ug/l  
 RT: 3.495 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN079340.D  
 Acq: 25 Sep 2023 12:56

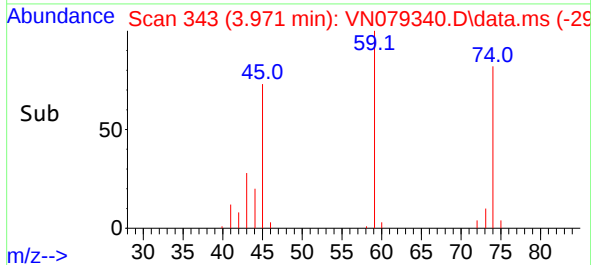
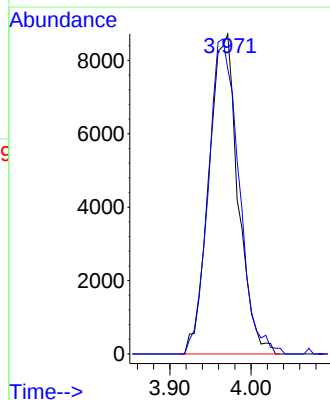
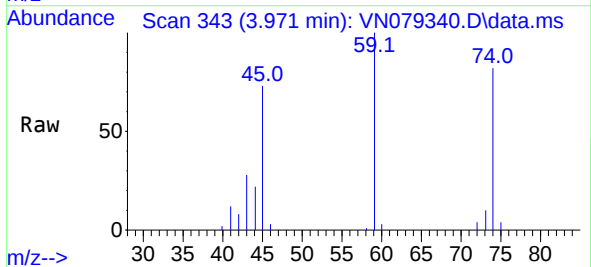
Instrument :  
 MSVOA\_N  
 ClientSampleId :

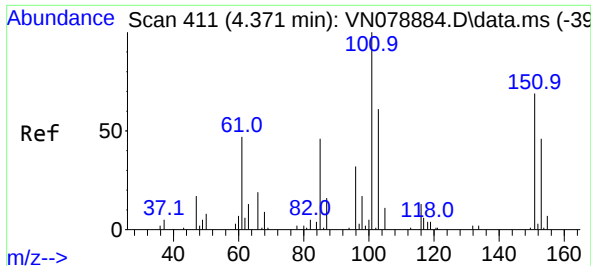
Tgt Ion:101 Resp: 58250  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 19.524 ug/l  
 RT: 3.971 min Scan# 343  
 Delta R.T. 0.000 min  
 Lab File: VN079340.D  
 Acq: 25 Sep 2023 12:56

Tgt Ion: 74 Resp: 21762  
 Ion Ratio Lower Upper  
 74 100  
 45 102.9 34.4 103.3

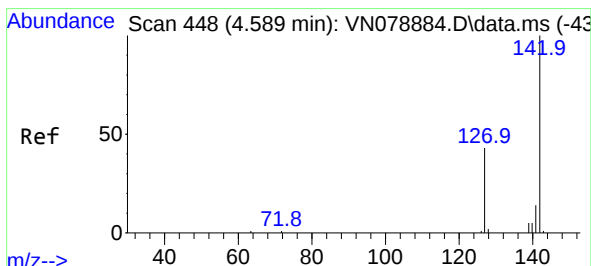
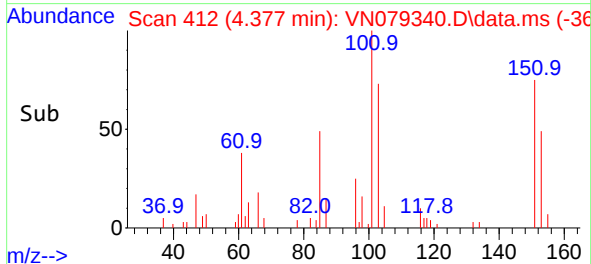
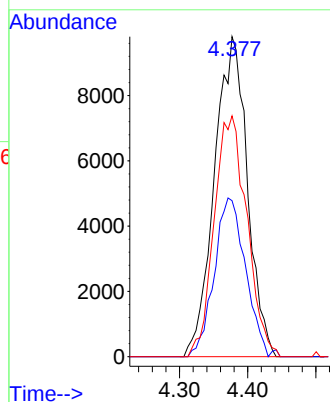
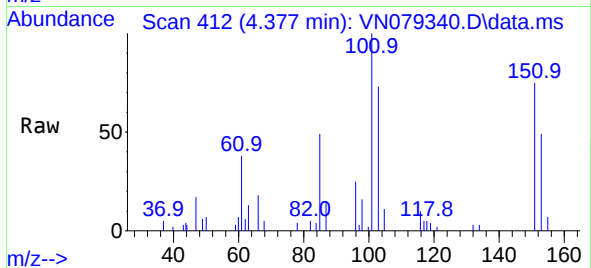




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.282 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

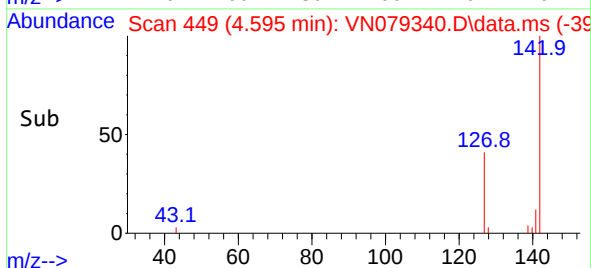
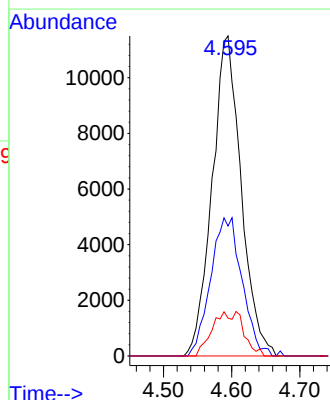
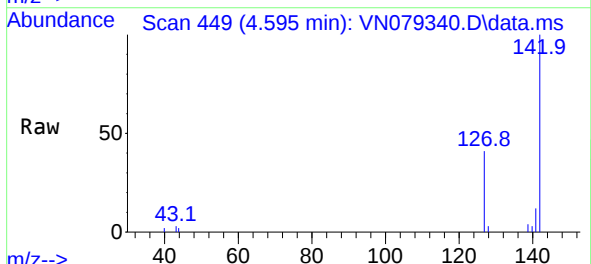
Instrument :  
MSVOA\_N  
ClientSampleId :

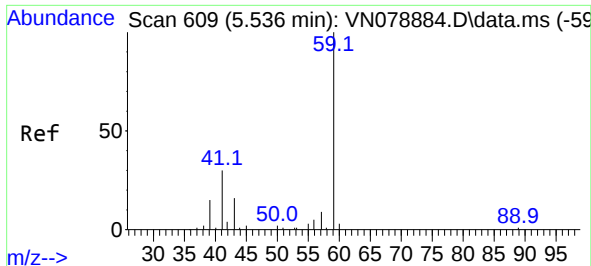
Tgt Ion:101 Resp: 32931  
Ion Ratio Lower Upper  
101 100  
85 47.3 36.6 55.0  
151 74.9 57.6 86.4



#10  
Methyl Iodide  
Concen: 24.404 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. -0.005 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

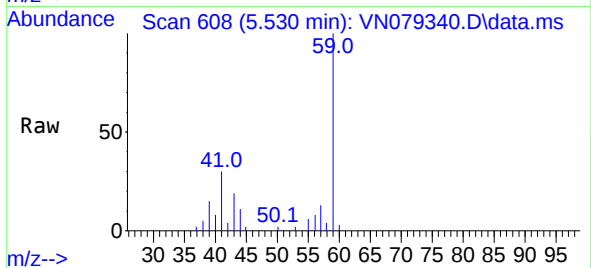
Tgt Ion:142 Resp: 34093  
Ion Ratio Lower Upper  
142 100  
127 40.6 37.6 56.4  
141 11.8 11.4 17.0



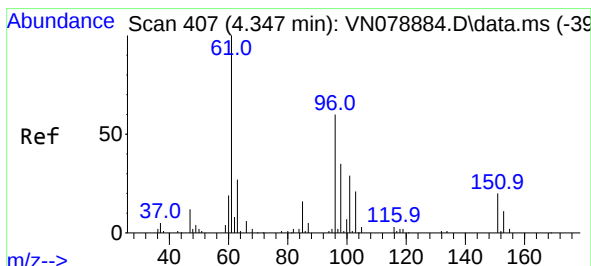
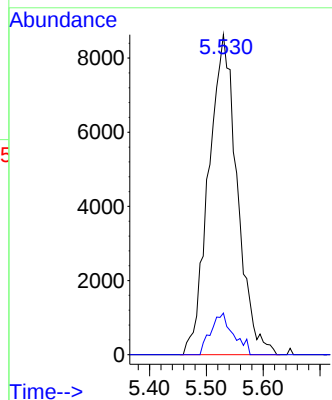
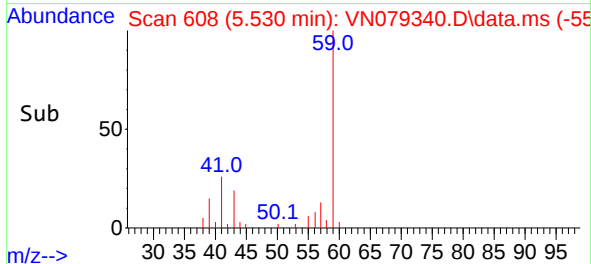


#11  
Tert butyl alcohol  
Concen: 77.897 ug/l  
RT: 5.530 min Scan# 609  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

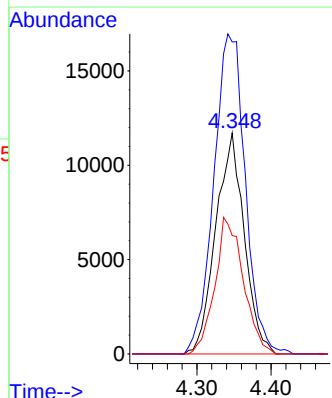
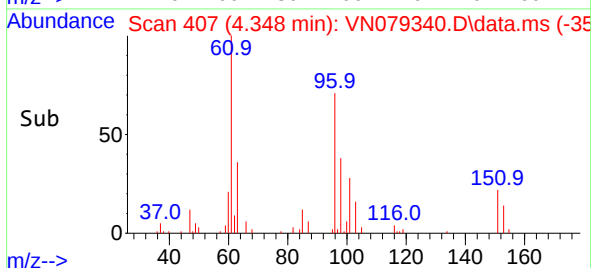
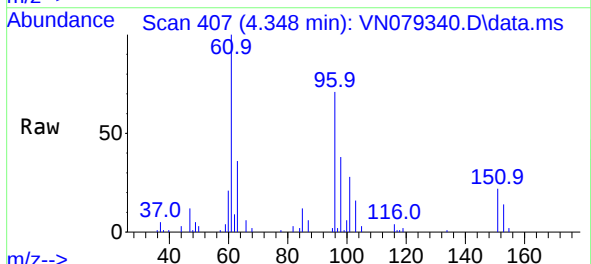


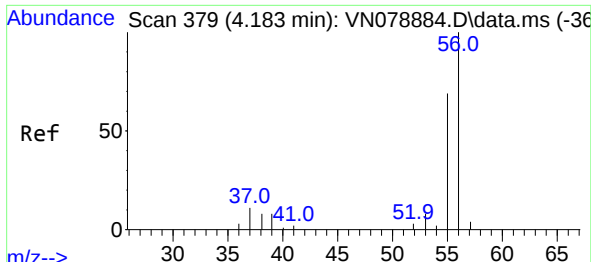
Tgt Ion: 59 Resp: 30083  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 18.900 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

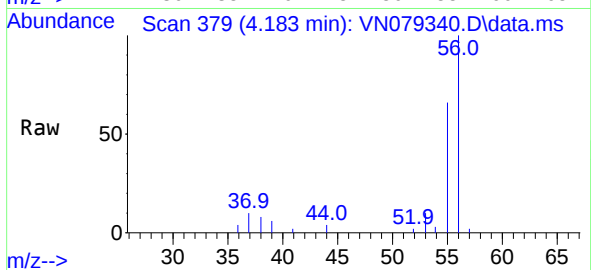
Tgt Ion: 96 Resp: 31237  
Ion Ratio Lower Upper  
96 100  
61 141.2 112.7 169.1  
98 53.6 51.2 76.8



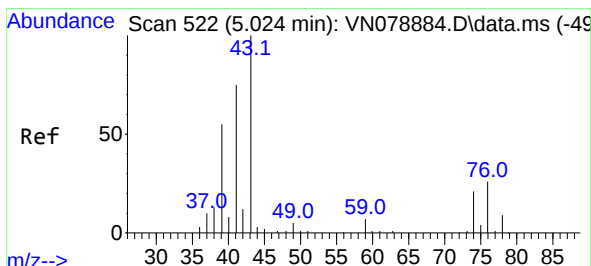
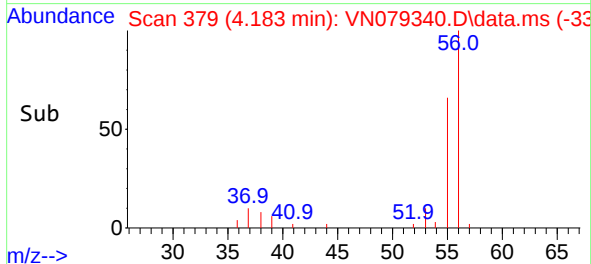
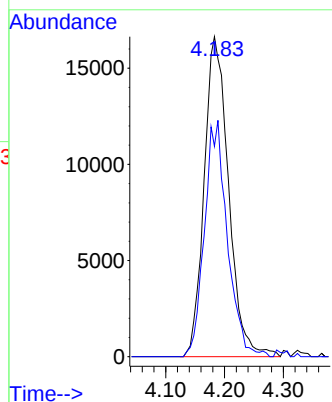


#13  
Acrolein  
Concen: 130.377 ug/l  
RT: 4.183 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

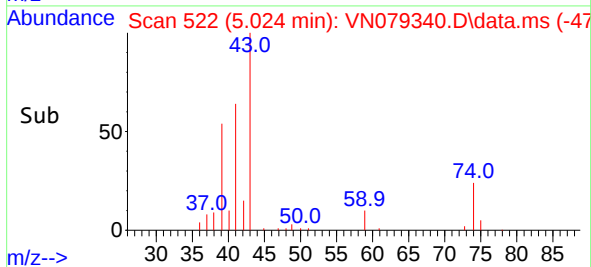
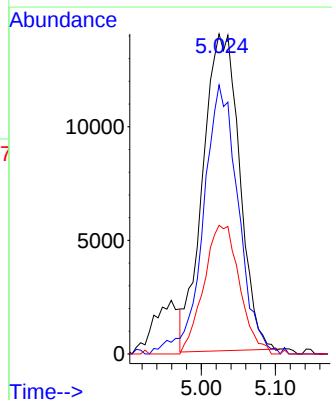
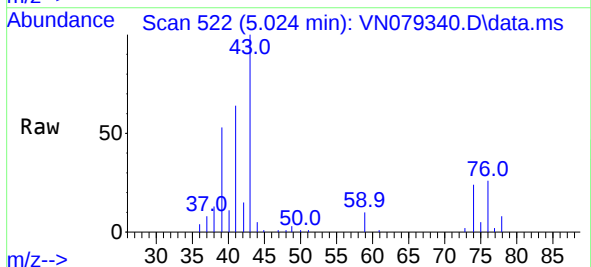


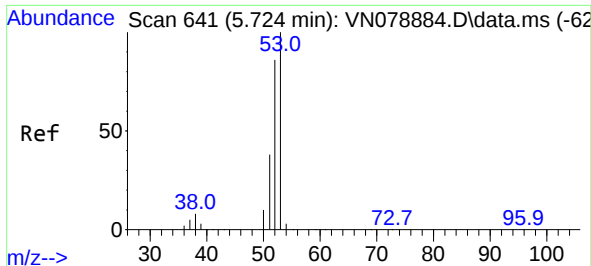
Tgt Ion: 56 Resp: 48029  
Ion Ratio Lower Upper  
56 100  
55 69.1 54.5 81.7



#14  
Allyl chloride  
Concen: 18.223 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

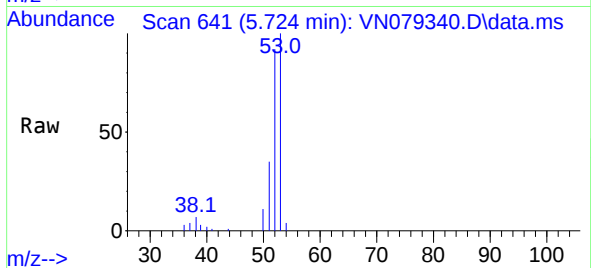
Tgt Ion: 41 Resp: 48043  
Ion Ratio Lower Upper  
41 100  
39 81.1 58.8 88.2  
76 39.5 39.1 58.7





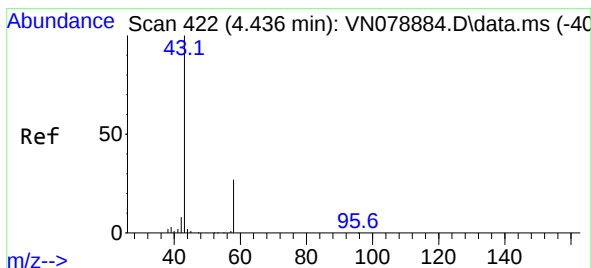
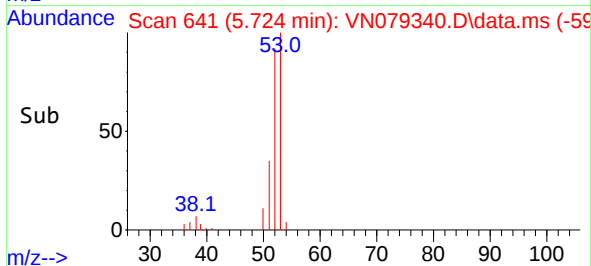
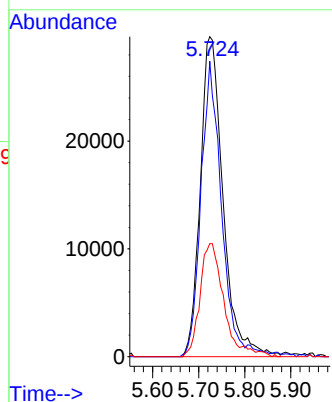
#15  
Acrylonitrile  
Concen: 101.932 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 102073

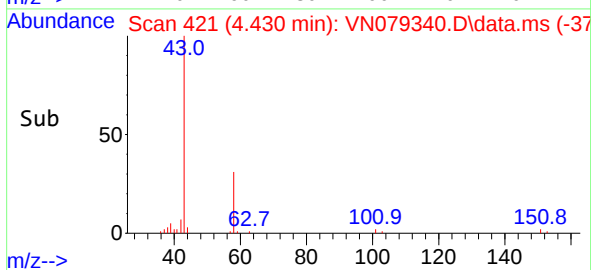
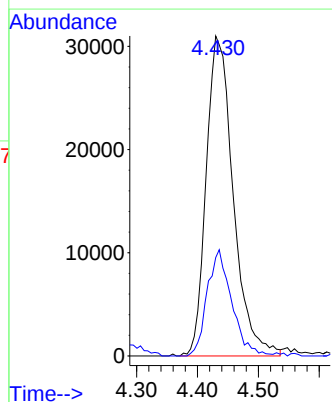
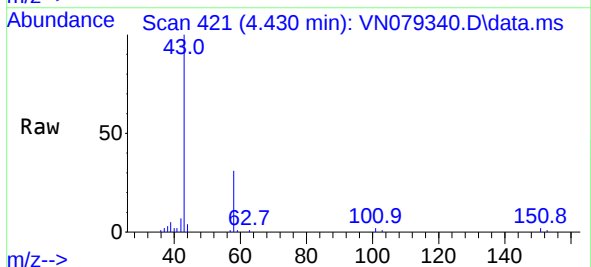
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.2  | 65.3  | 97.9  |
| 51  | 37.1  | 28.9  | 43.3  |

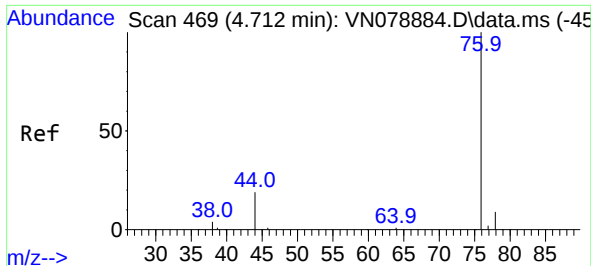


#16  
Acetone  
Concen: 107.746 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 43 Resp: 95721

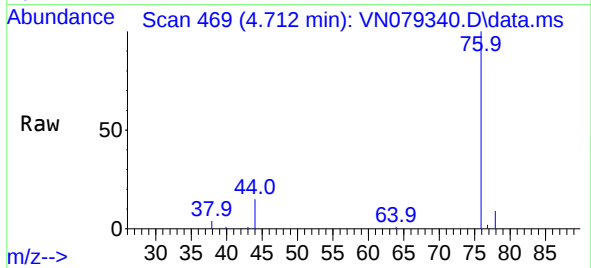
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.7  | 28.0  | 42.0  |



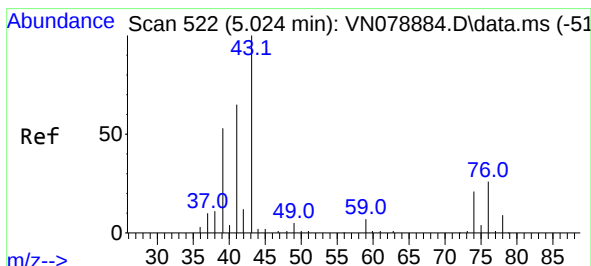
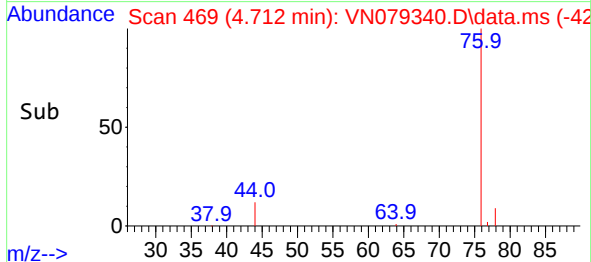
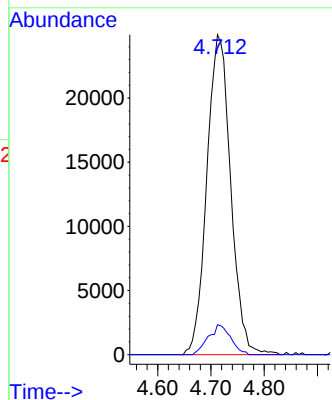


#17  
Carbon Disulfide  
Concen: 15.018 ug/l  
RT: 4.712 min Scan# 40  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

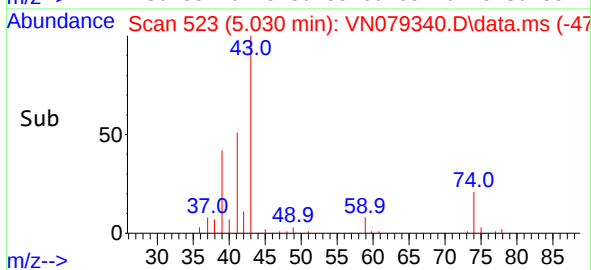
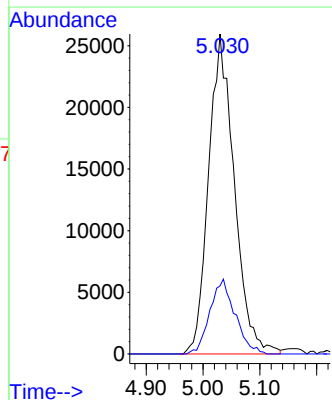
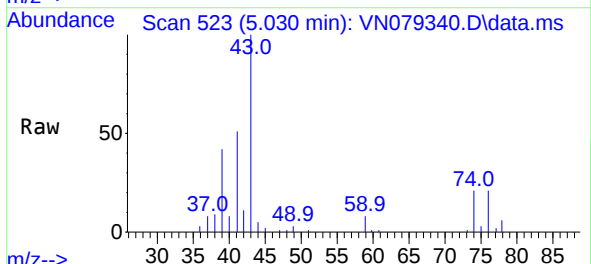


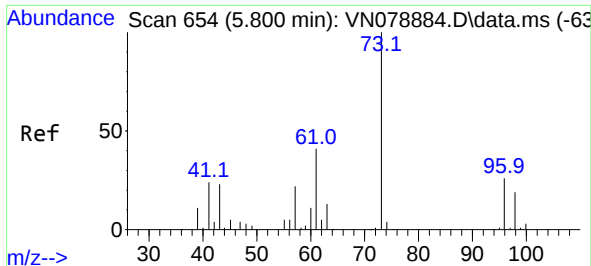
Tgt Ion: 76 Resp: 77576  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 22.357 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 43 Resp: 81631  
Ion Ratio Lower Upper  
43 100  
74 22.9 26.2 39.4#

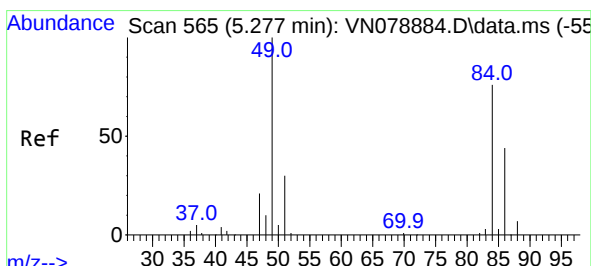
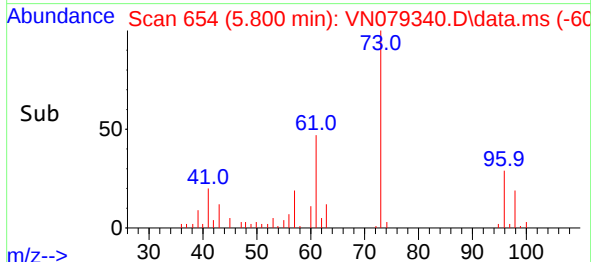
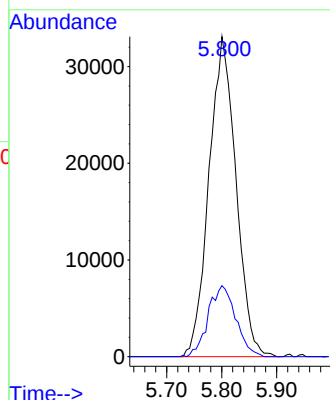
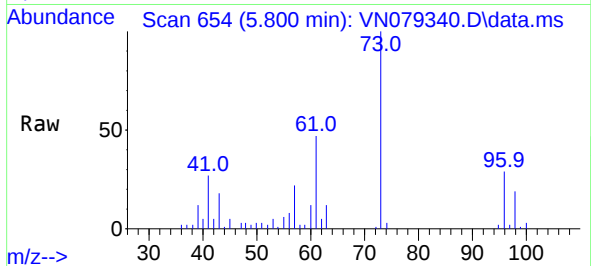




#19  
Methyl tert-butyl Ether  
Concen: 19.898 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

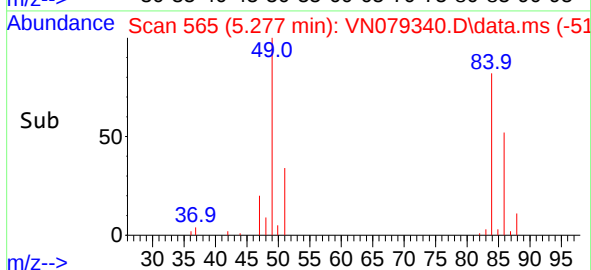
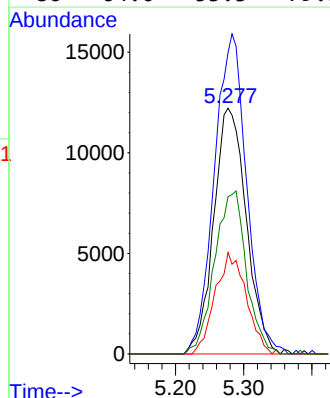
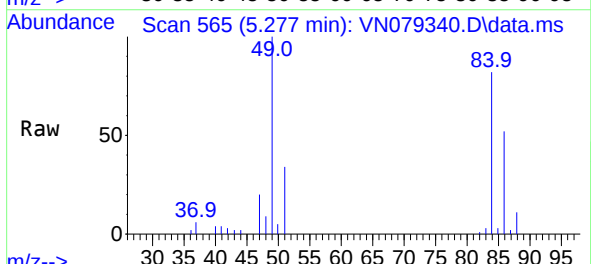
Instrument :  
MSVOA\_N  
ClientSampleId :

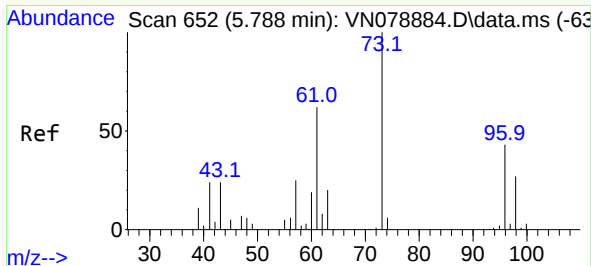
Tgt Ion: 73 Resp: 112787  
Ion Ratio Lower Upper  
73 100  
57 22.2 15.6 23.4



#20  
Methylene Chloride  
Concen: 18.797 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

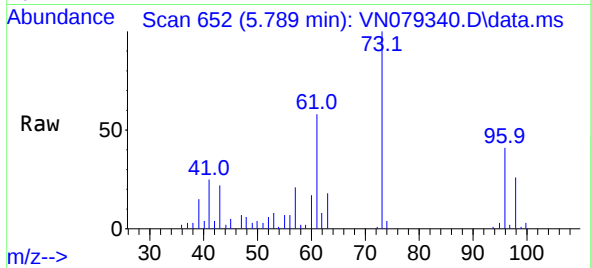
Tgt Ion: 84 Resp: 40638  
Ion Ratio Lower Upper  
84 100  
49 122.7 79.7 119.5#  
51 41.3 25.2 37.8#  
86 64.0 53.3 79.9



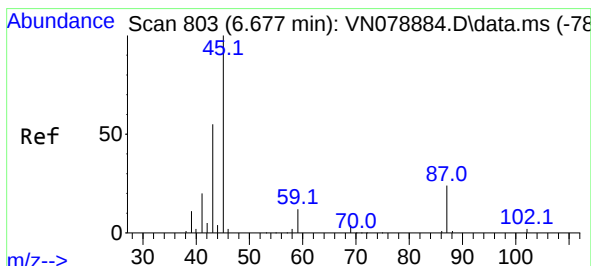
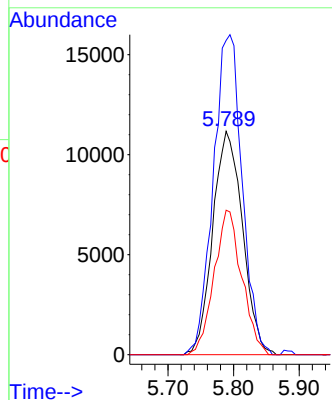
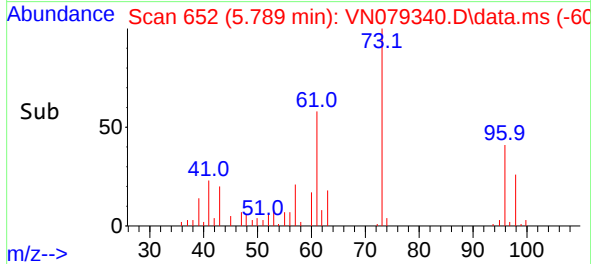


#21  
trans-1,2-Dichloroethene  
Concen: 18.384 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

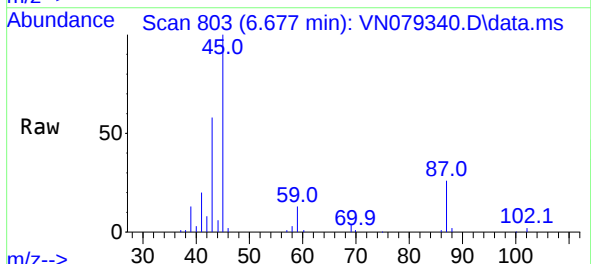
Instrument :  
MSVOA\_N  
ClientSampleId :



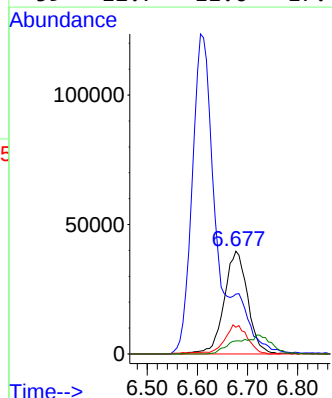
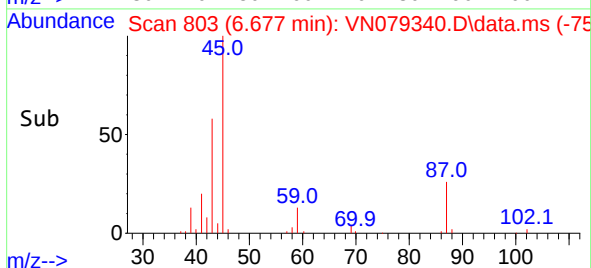
Tgt Ion: 96 Resp: 35246  
Ion Ratio Lower Upper  
96 100  
61 140.7 90.1 135.1#  
98 64.7 46.4 69.6

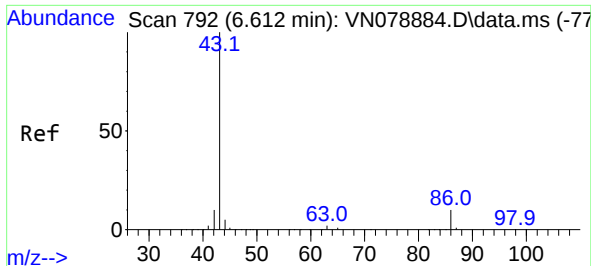


#22  
Diisopropyl ether  
Concen: 22.296 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56



Tgt Ion: 45 Resp: 128973  
Ion Ratio Lower Upper  
45 100  
43 55.3 45.5 68.3  
87 26.1 31.8 47.8#  
59 12.7 11.6 17.4

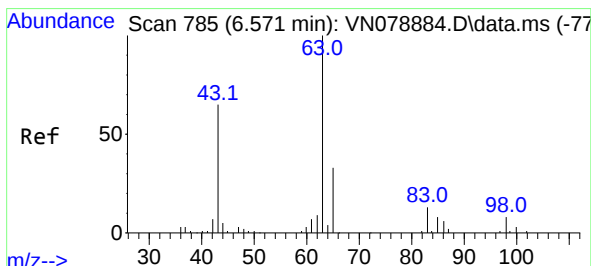
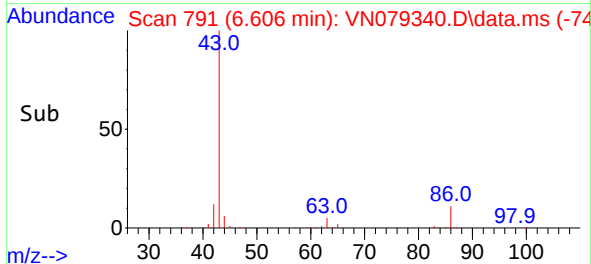
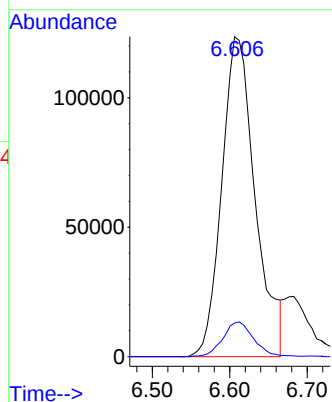
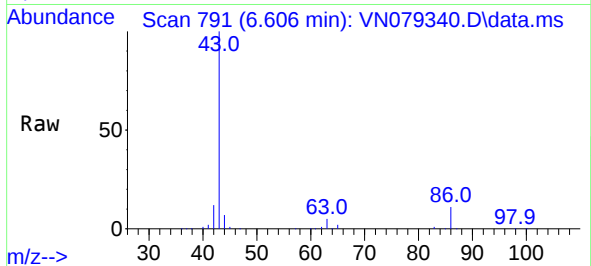




#23  
 Vinyl Acetate  
 Concen: 104.114 ug/l  
 RT: 6.606 min Scan# 792  
 Delta R.T. -0.006 min  
 Lab File: VN079340.D  
 Acq: 25 Sep 2023 12:56

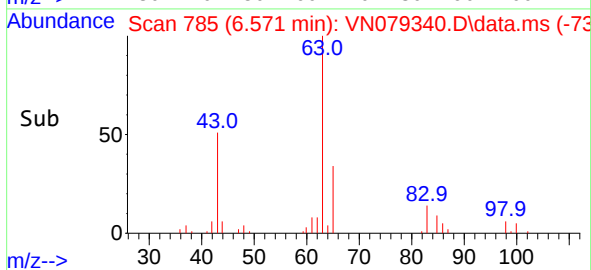
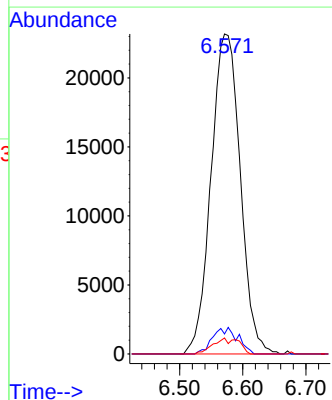
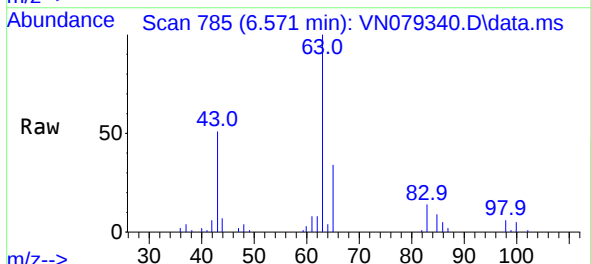
Instrument :  
 MSVOA\_N  
 ClientSampleId :

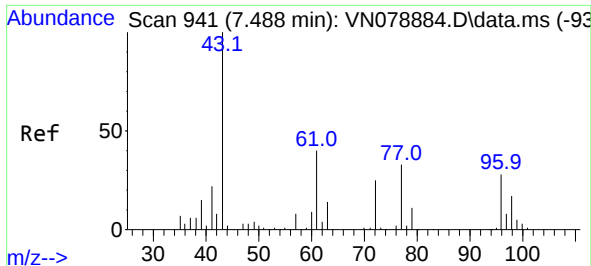
Tgt Ion: 43 Resp: 370442  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 20.902 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.006 min  
 Lab File: VN079340.D  
 Acq: 25 Sep 2023 12:56

Tgt Ion: 63 Resp: 74535  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.9 11.7  
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 106.093 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA\_N

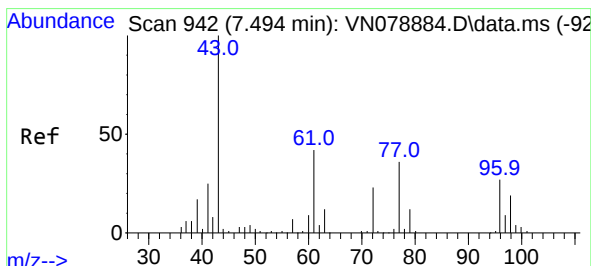
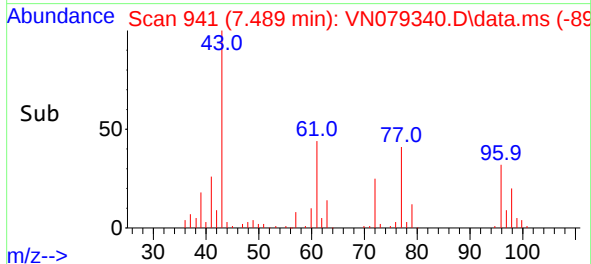
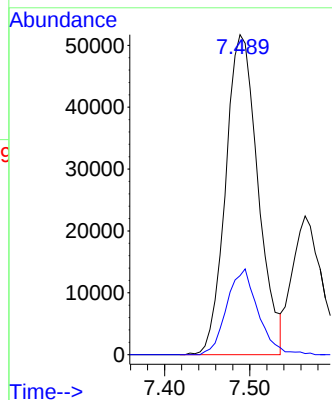
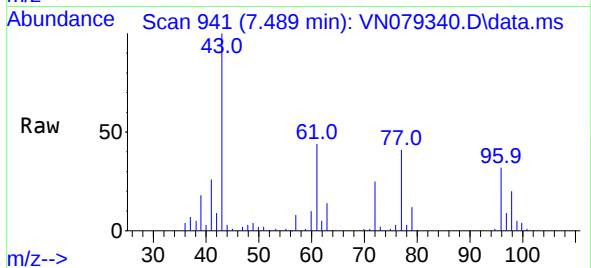
ClientSampleId :

Tgt Ion: 43 Resp: 136754

Ion Ratio Lower Upper

43 100

72 24.7 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 20.156 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.011 min

Lab File: VN079340.D

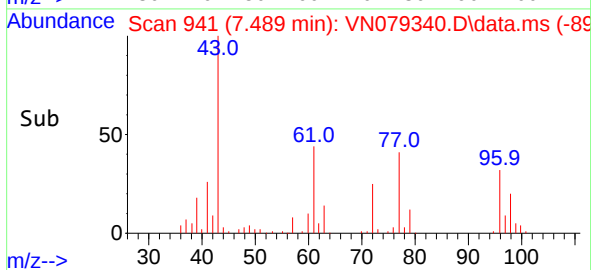
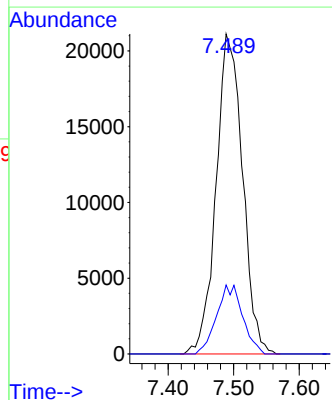
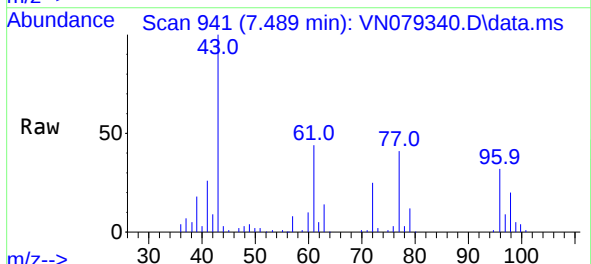
Acq: 25 Sep 2023 12:56

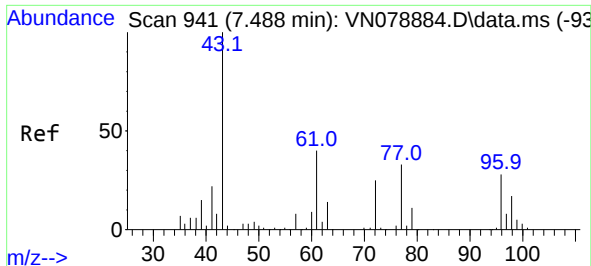
Tgt Ion: 77 Resp: 58984

Ion Ratio Lower Upper

77 100

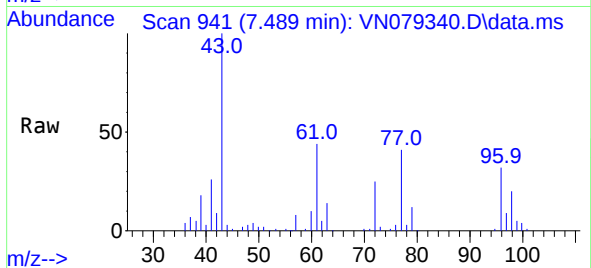
97 21.3 11.2 33.6



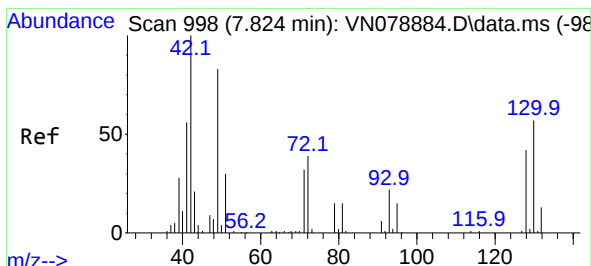
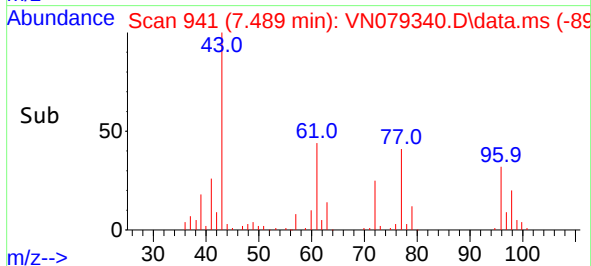
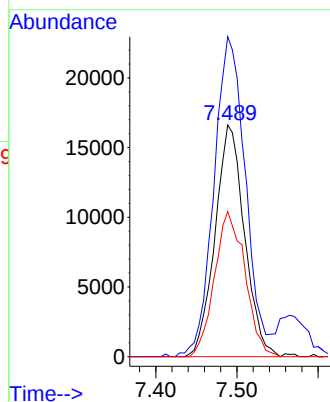


#27  
cis-1,2-Dichloroethene  
Concen: 19.124 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

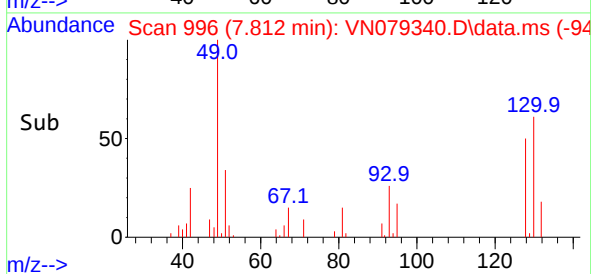
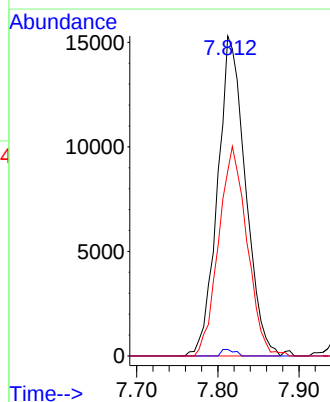
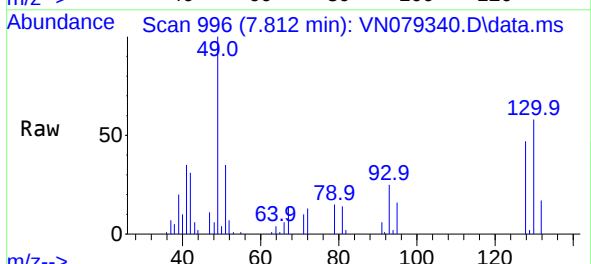


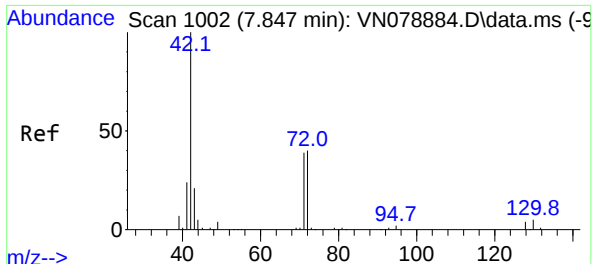
Tgt Ion: 96 Resp: 41923  
Ion Ratio Lower Upper  
96 100  
61 147.6 0.0 255.2  
98 64.8 0.0 128.8



#28  
Bromochloromethane  
Concen: 22.653 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 49 Resp: 36524  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 4.8  
130 66.6 75.3 112.9#

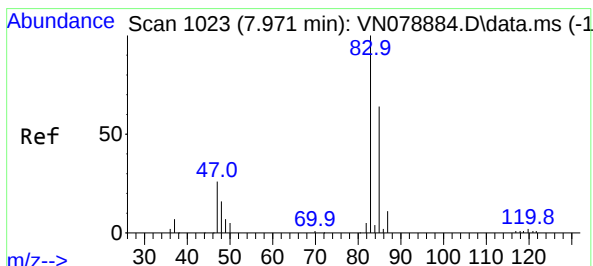
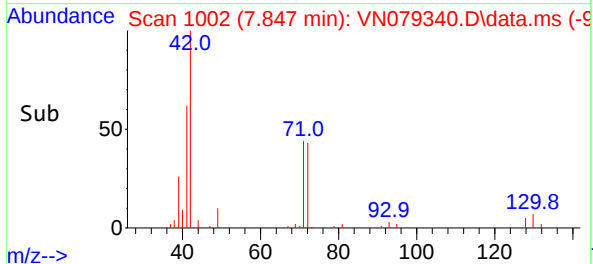
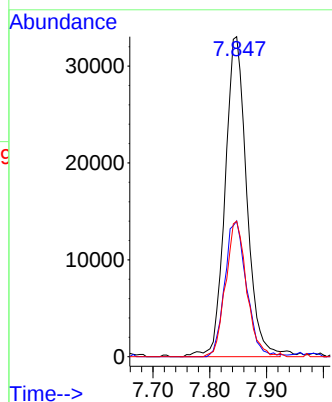
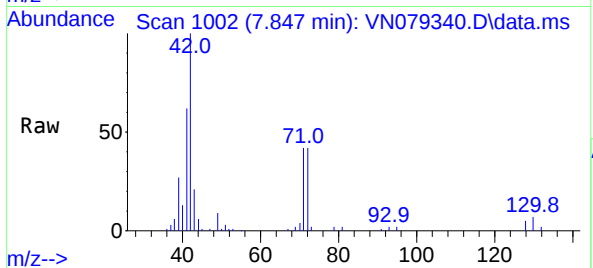




#29  
Tetrahydrofuran  
Concen: 106.354 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

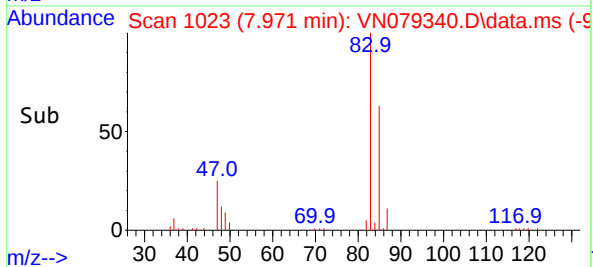
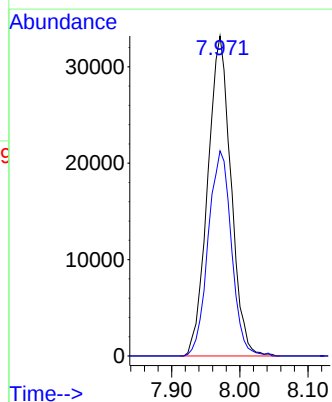
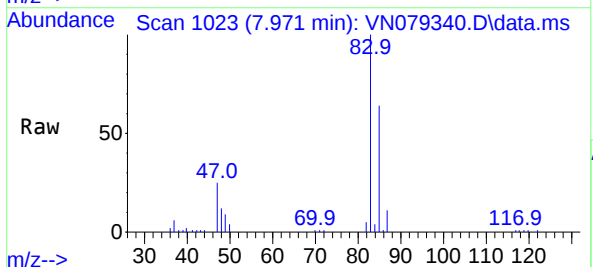
Instrument :  
MSVOA\_N  
ClientSampleId :

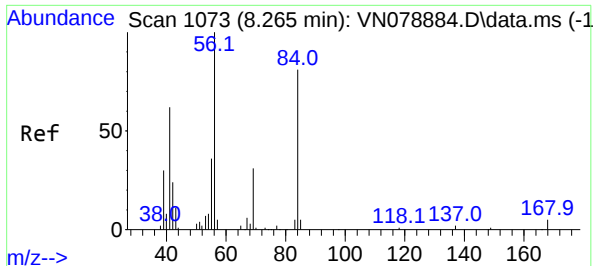
Tgt Ion: 42 Resp: 87241  
Ion Ratio Lower Upper  
42 100  
72 42.8 49.8 74.6#  
71 41.2 47.4 71.2#



#30  
Chloroform  
Concen: 21.256 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

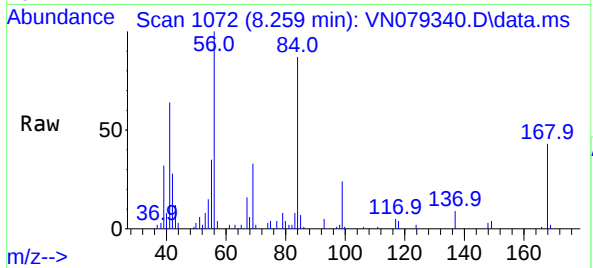
Tgt Ion: 83 Resp: 78919  
Ion Ratio Lower Upper  
83 100  
85 64.1 55.4 83.0



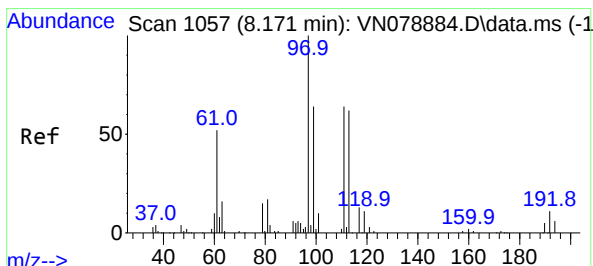
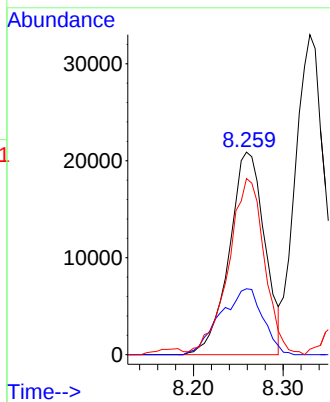
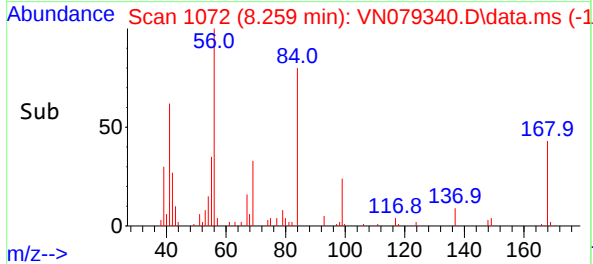


#31  
Cyclohexane  
Concen: 18.780 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

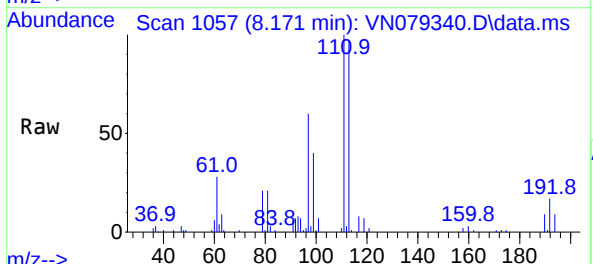
Instrument :  
MSVOA\_N  
ClientSampleId :



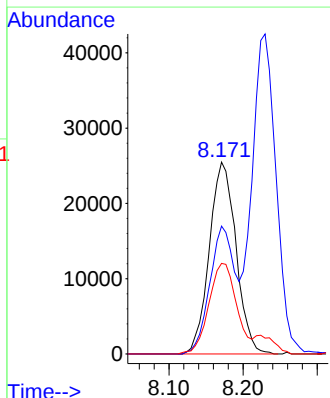
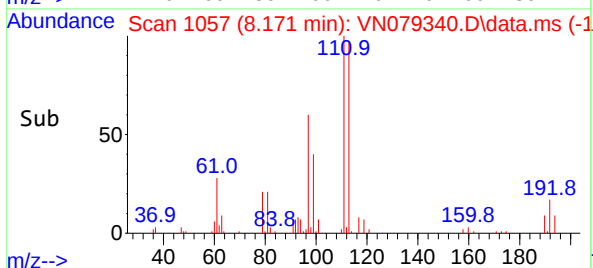
Tgt Ion: 56 Resp: 57359  
Ion Ratio Lower Upper  
56 100  
69 32.6 26.8 40.2  
84 83.9 81.8 122.6

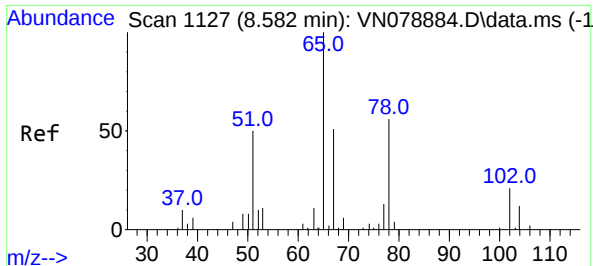


#32  
1,1,1-Trichloroethane  
Concen: 20.132 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56



Tgt Ion: 97 Resp: 63716  
Ion Ratio Lower Upper  
97 100  
99 62.2 50.3 75.5  
61 49.3 34.7 52.1

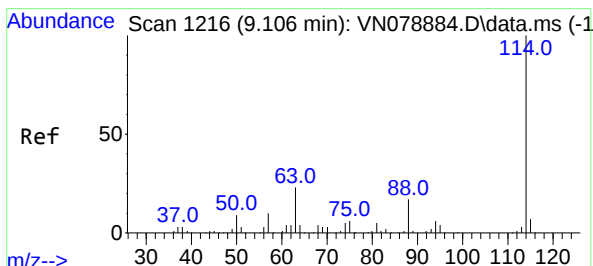
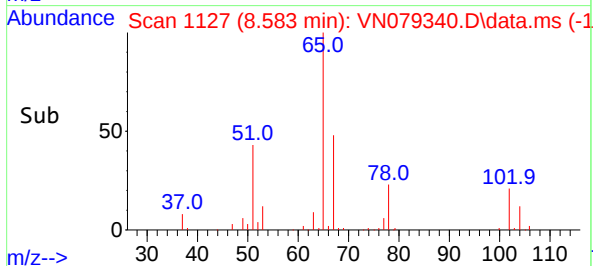
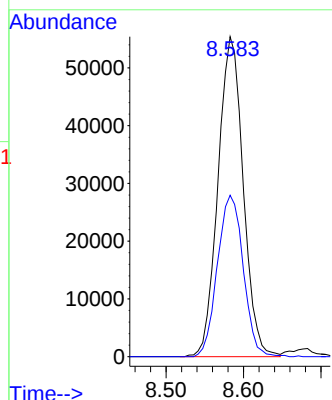
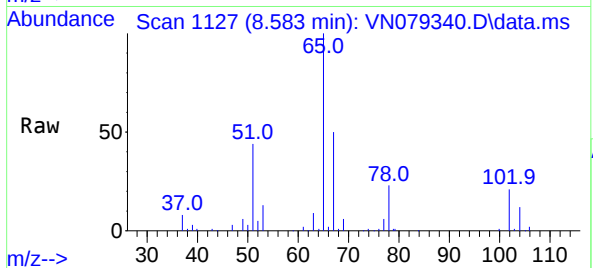




#33  
1,2-Dichloroethane-d4  
Concen: 59.941 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

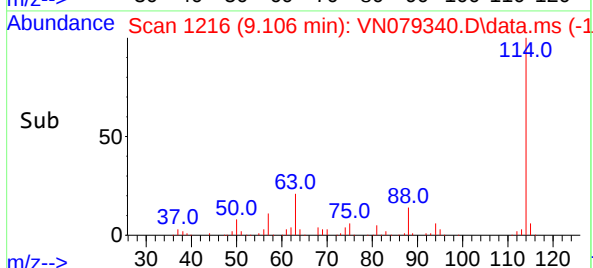
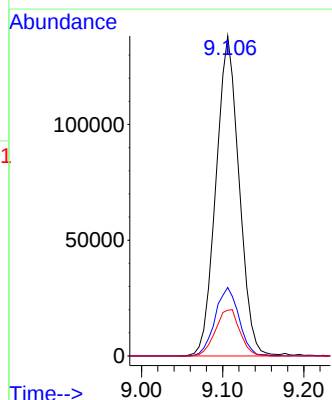
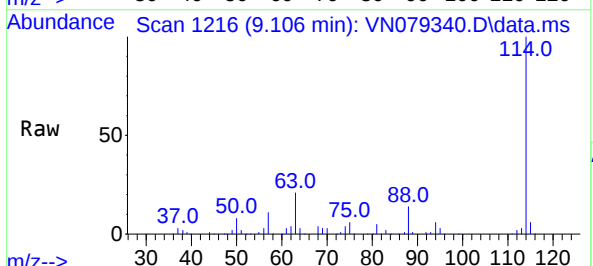
Instrument :  
MSVOA\_N  
ClientSampleId :

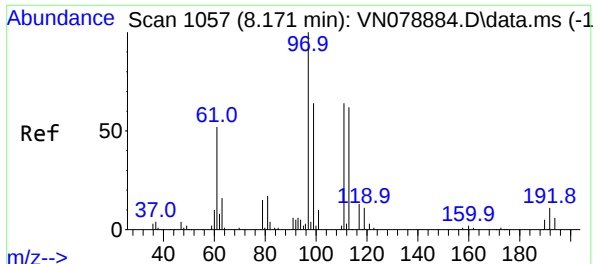
Tgt Ion: 65 Resp: 125384  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

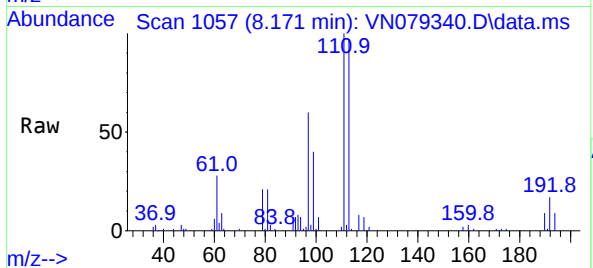
Tgt Ion: 114 Resp: 273826  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 36.4  
88 14.3 0.0 30.6



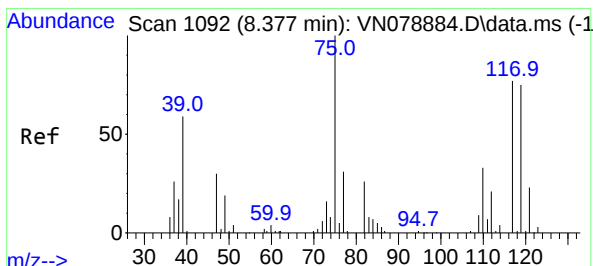
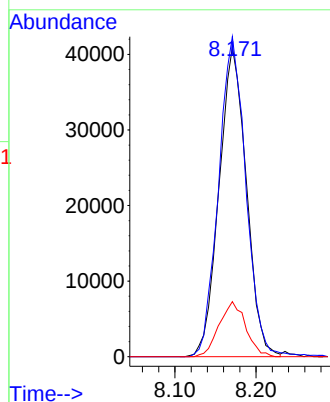
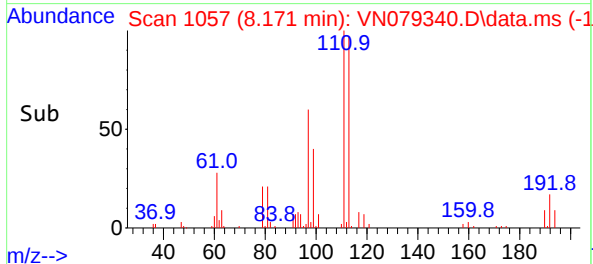


#35  
Dibromofluoromethane  
Concen: 52.422 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

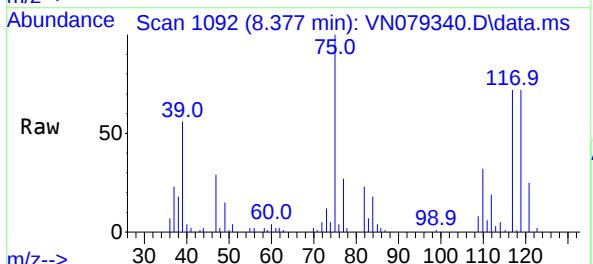
Instrument :  
MSVOA\_N  
ClientSampleId :



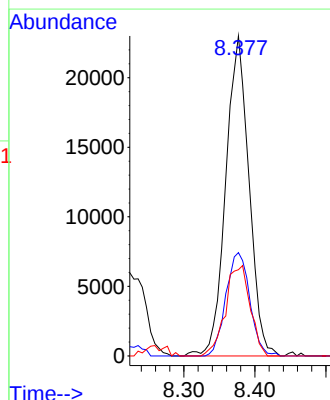
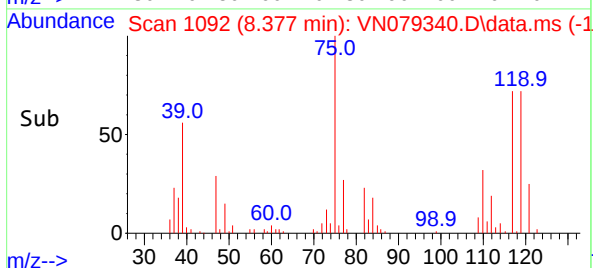
Tgt Ion:113 Resp: 95484  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.6 123.8  
192 17.4 12.7 19.1

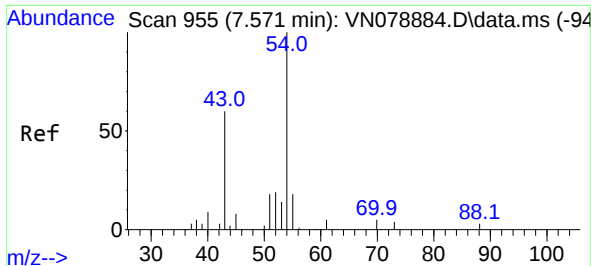


#36  
1,1-Dichloropropene  
Concen: 18.597 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56



Tgt Ion: 75 Resp: 52212  
Ion Ratio Lower Upper  
75 100  
110 33.3 19.1 57.3  
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 19.650 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079340.D

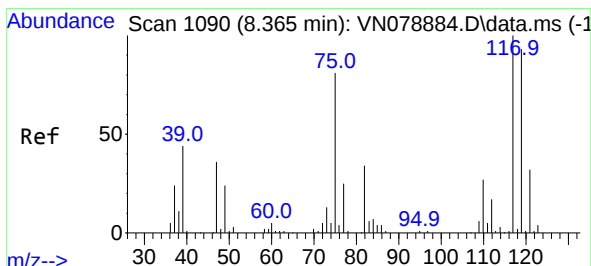
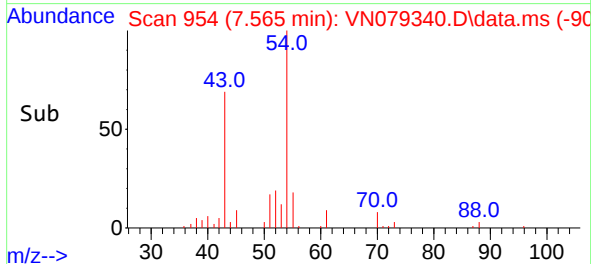
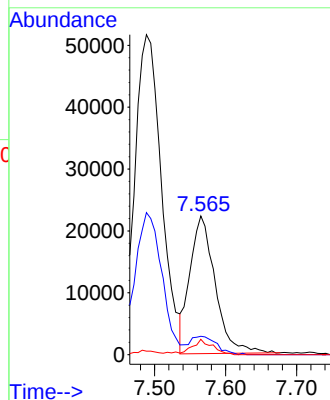
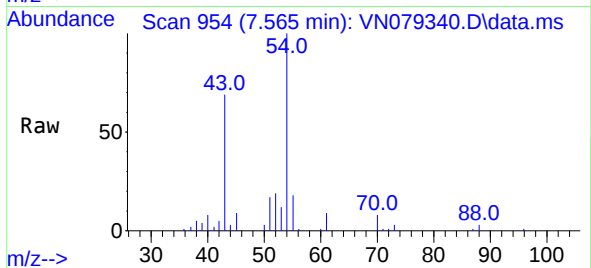
Acq: 25 Sep 2023 12:56

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55025 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.0  | 13.2  | 19.8  |
| 70       | 9.5   | 11.3  | 16.9  |



#38

Carbon Tetrachloride

Concen: 18.432 ug/l

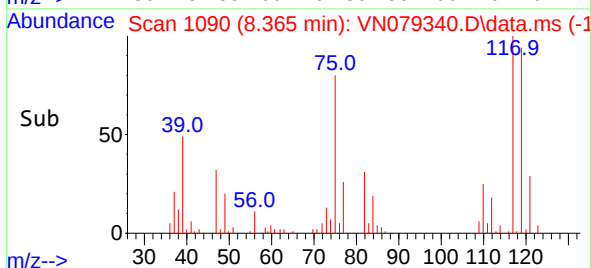
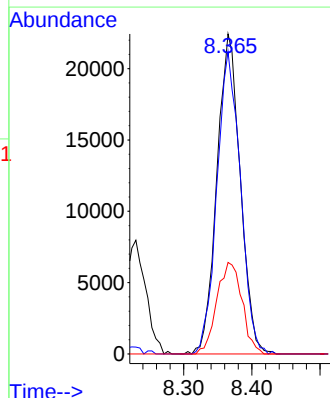
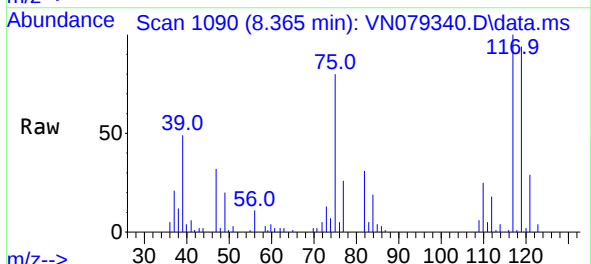
RT: 8.365 min Scan# 1090

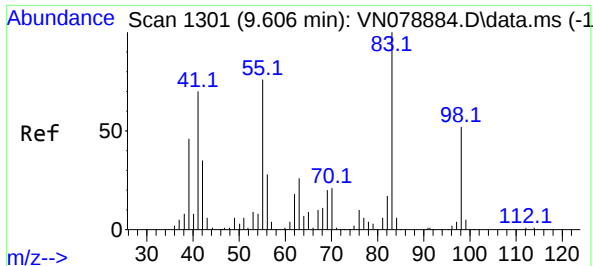
Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

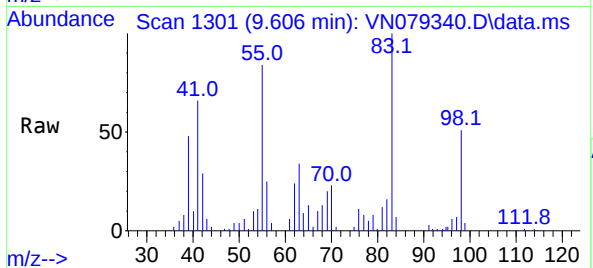
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 53550 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.4  | 77.3  | 115.9 |
| 121      | 28.6  | 23.3  | 34.9  |



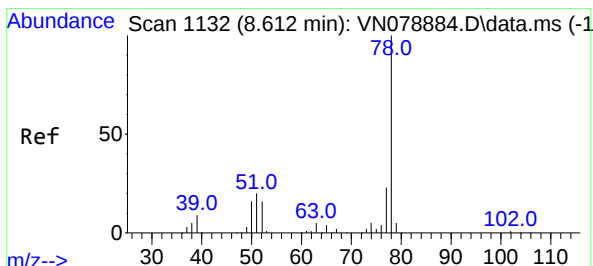
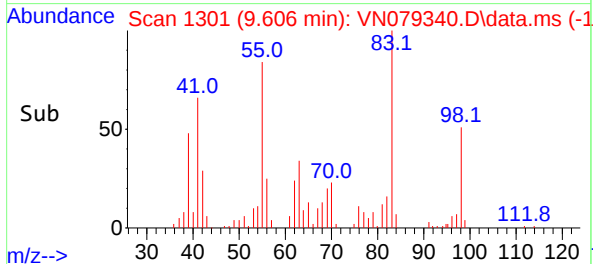
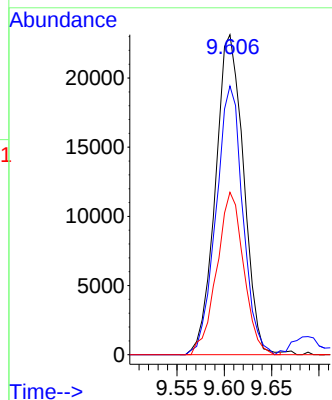


#39  
Methylcyclohexane  
Concen: 17.216 ug/l  
RT: 9.606 min Scan# 11301  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

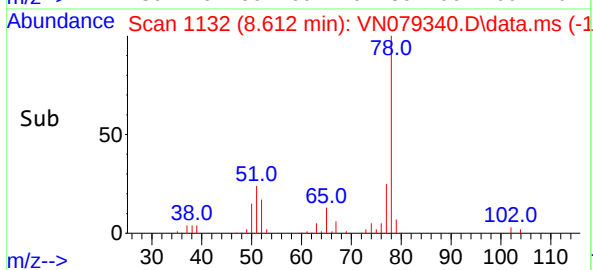
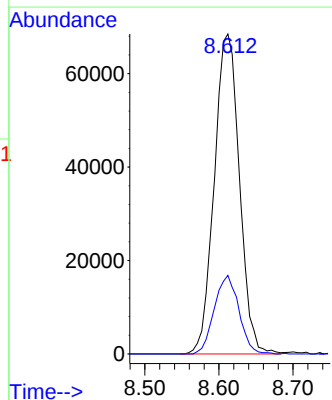
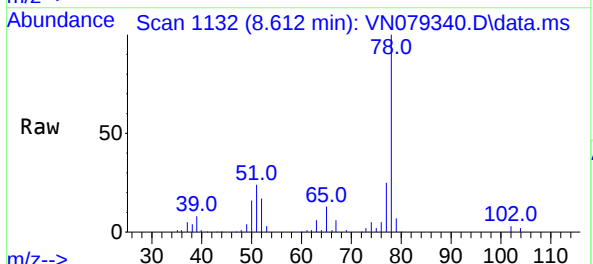


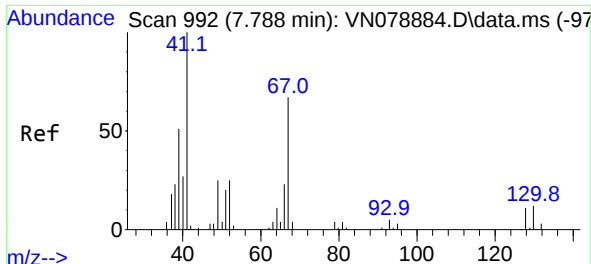
Tgt Ion: 83 Resp: 47676  
Ion Ratio Lower Upper  
83 100  
55 84.0 49.1 73.7#  
98 50.7 40.6 61.0



#40  
Benzene  
Concen: 18.791 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

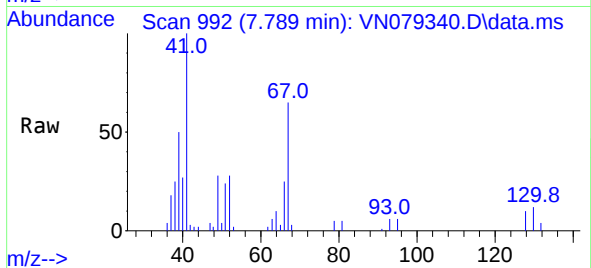
Tgt Ion: 78 Resp: 161503  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.0 28.6



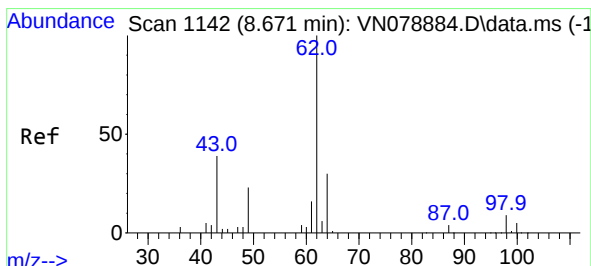
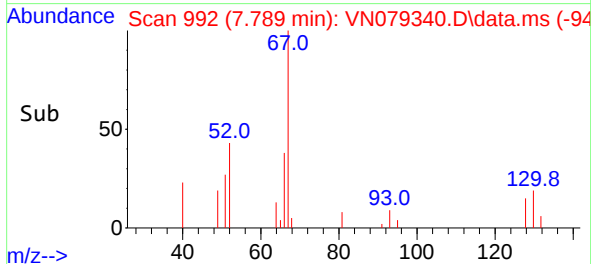
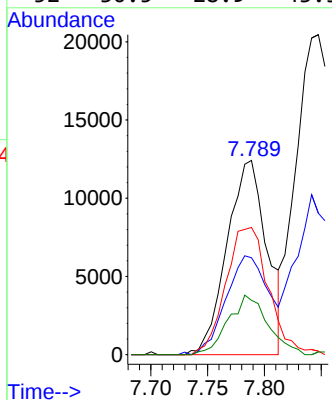


#41  
Methacrylonitrile  
Concen: 21.437 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

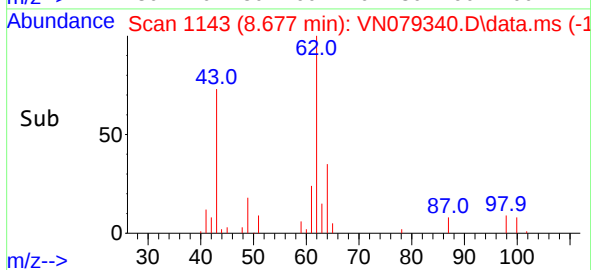
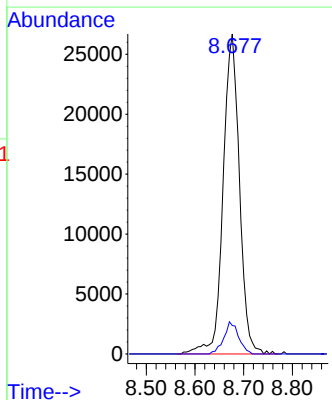
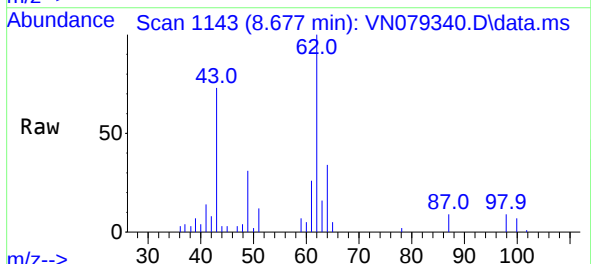


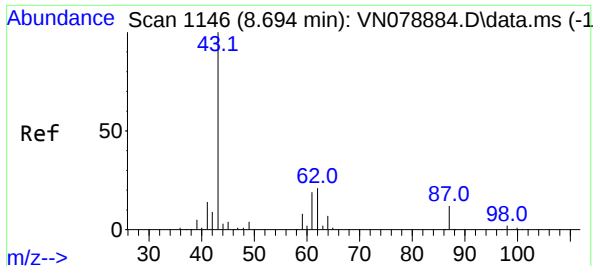
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 30267 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 54.7     | 42.6 64.0   |
| 67 70.3     | 77.5 116.3# |
| 52 30.5     | 28.9 43.3   |



#42  
1,2-Dichloroethane  
Concen: 21.063 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 62319 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.1      | 0.0 19.8    |

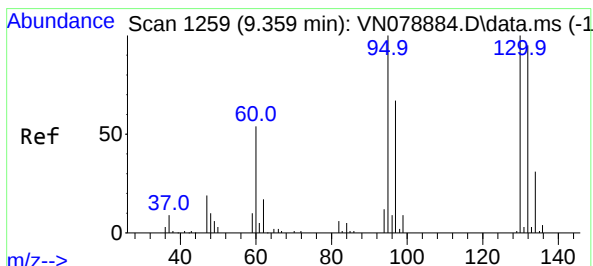
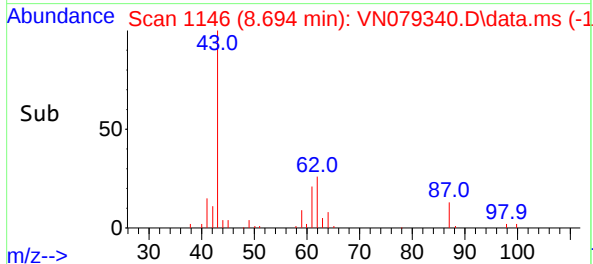
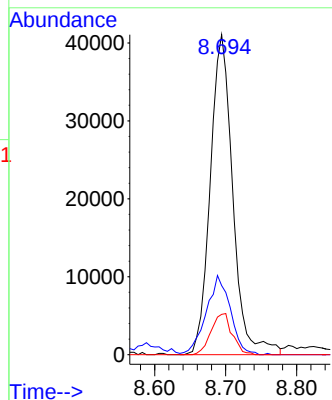
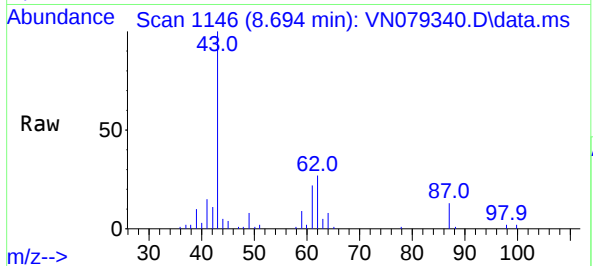




#43  
Isopropyl Acetate  
Concen: 19.790 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

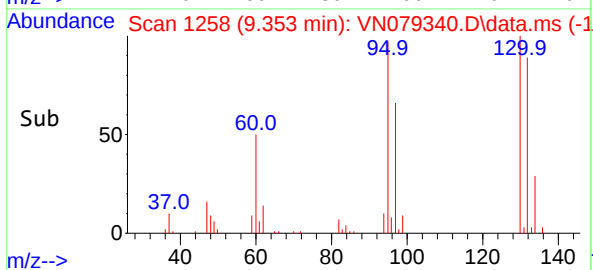
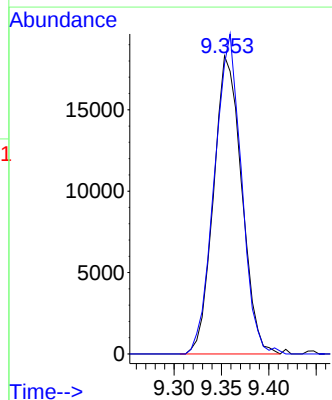
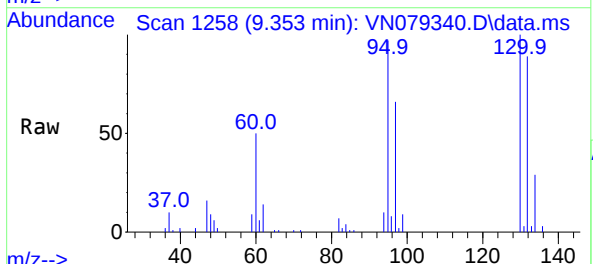
Instrument :  
MSVOA\_N  
ClientSampleId :

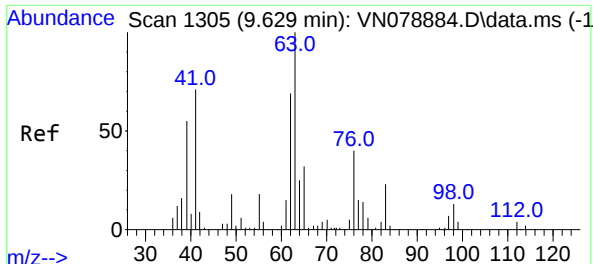
Tgt Ion: 43 Resp: 90426  
Ion Ratio Lower Upper  
43 100  
61 26.6 24.7 37.1  
87 12.0 14.6 21.8#



#44  
Trichloroethene  
Concen: 17.849 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:130 Resp: 37789  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 204.6

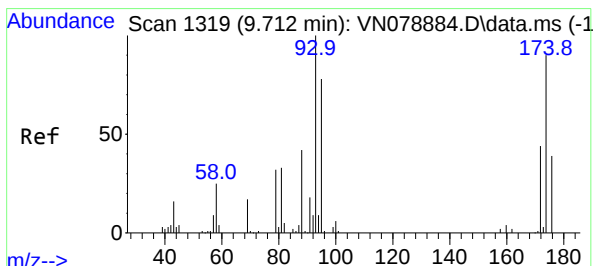
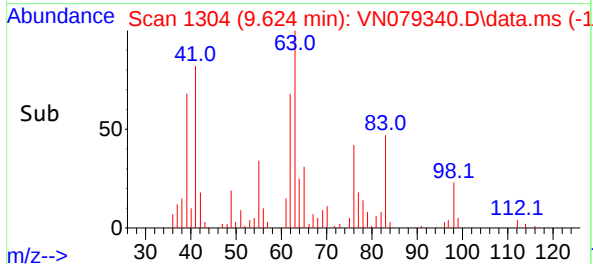
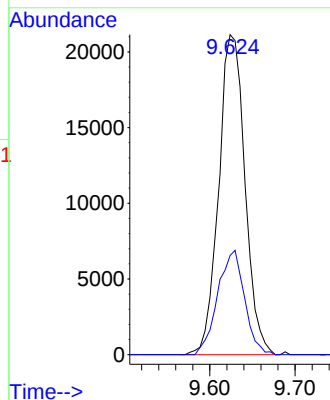
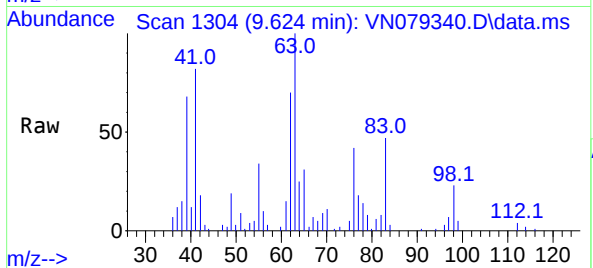




#45  
1,2-Dichloropropane  
Concen: 21.178 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

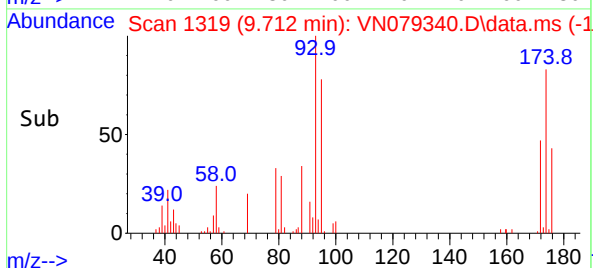
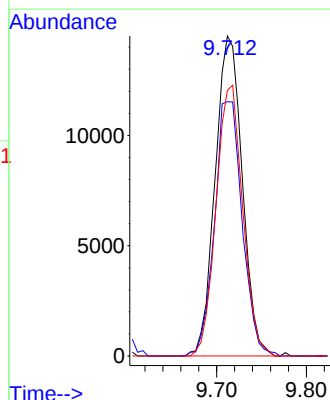
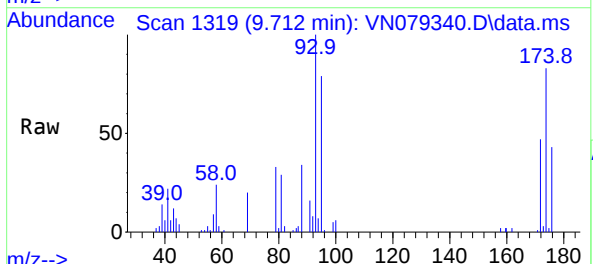
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 63 Resp: 45171  
Ion Ratio Lower Upper  
63 100  
65 31.0 23.9 35.9



#46  
Dibromomethane  
Concen: 21.022 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 93 Resp: 30439  
Ion Ratio Lower Upper  
93 100  
95 81.1 63.8 95.8  
174 83.0 65.6 98.4

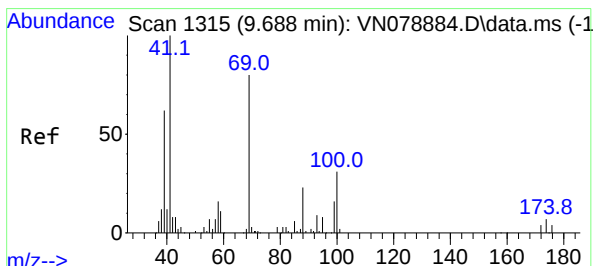
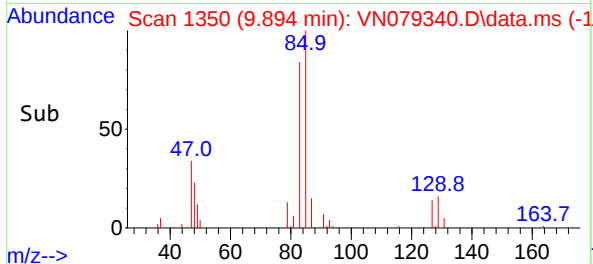
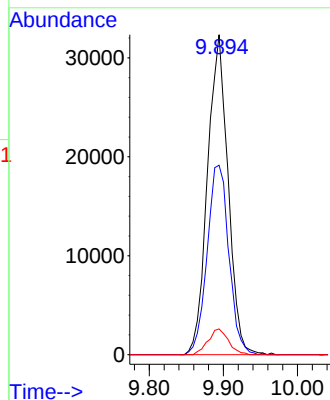
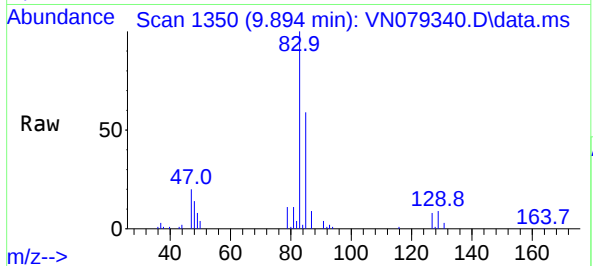




#47  
Bromodichloromethane  
Concen: 21.013 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

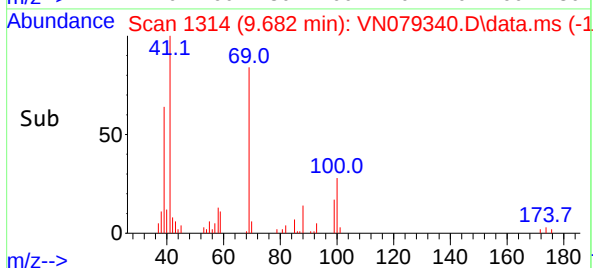
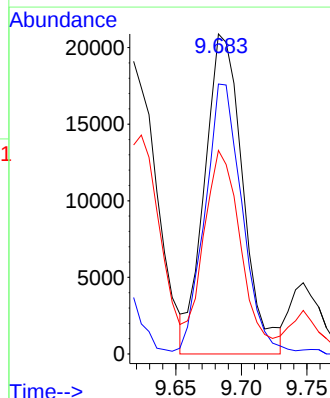
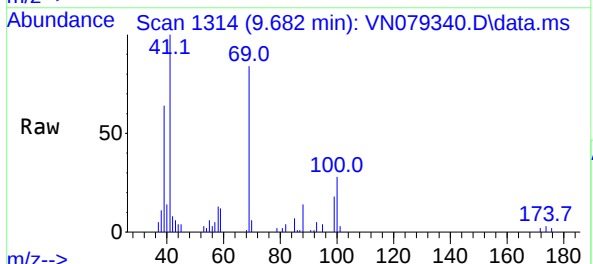
Instrument :  
MSVOA\_N  
ClientSampleId :

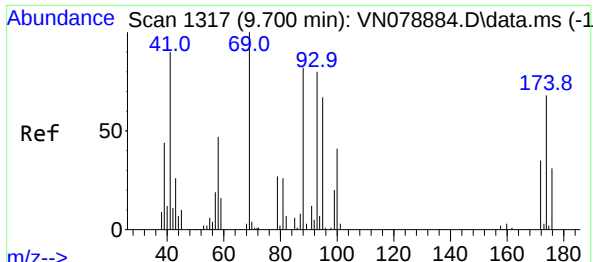
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 62318 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 59.2     | 49.6 74.4   |
| 127 8.1     | 7.0 10.6    |



#48  
Methyl methacrylate  
Concen: 20.713 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

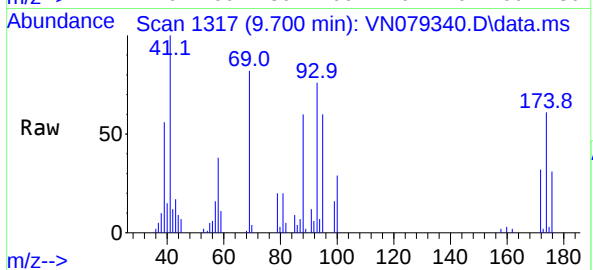
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 42391 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 80.1     | 90.4 135.6# |
| 39 62.2     | 54.6 81.8   |



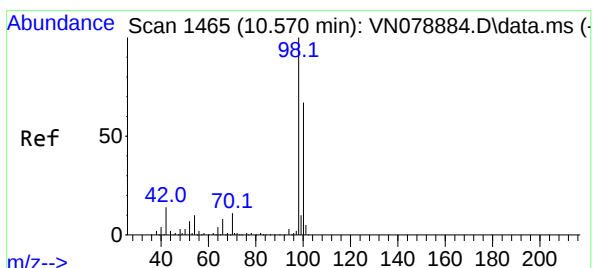
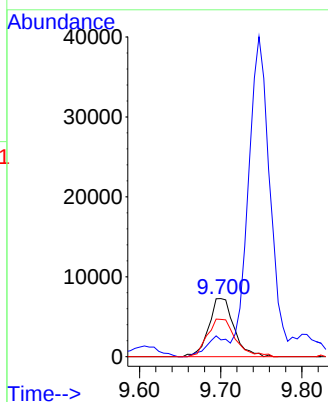
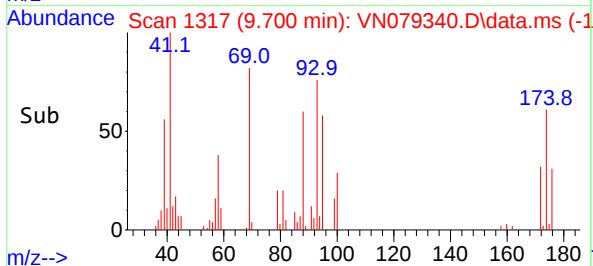


#49  
1,4-Dioxane  
Concen: 372.320 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

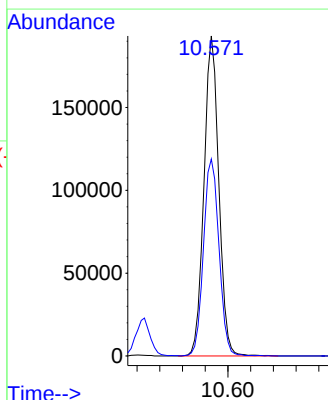
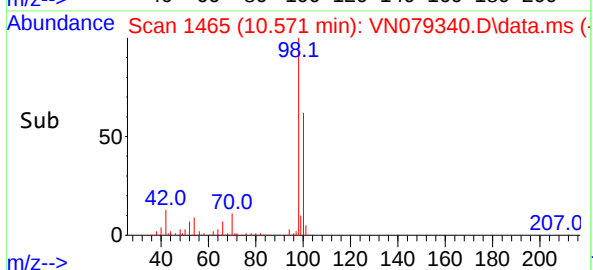
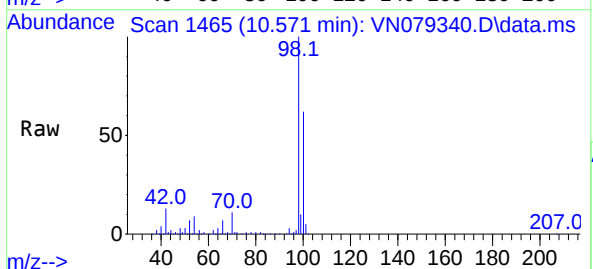


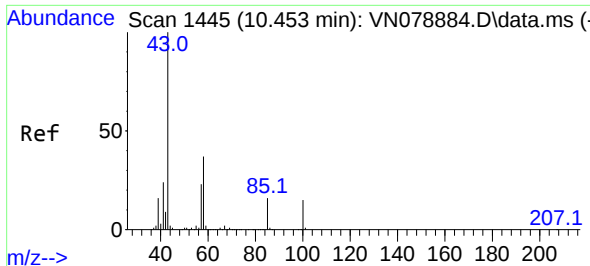
Tgt Ion: 88 Resp: 15673  
Ion Ratio Lower Upper  
88 100  
43 30.2 17.0 25.6#  
58 72.1 47.0 70.4#



#50  
Toluene-d8  
Concen: 52.222 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 98 Resp: 349265  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.0 78.0

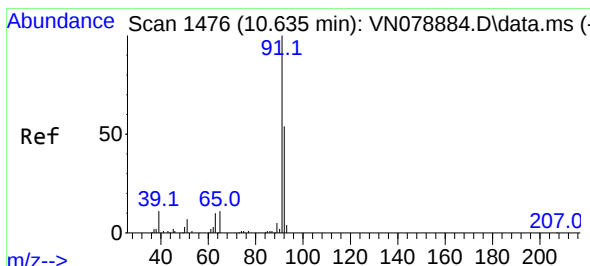
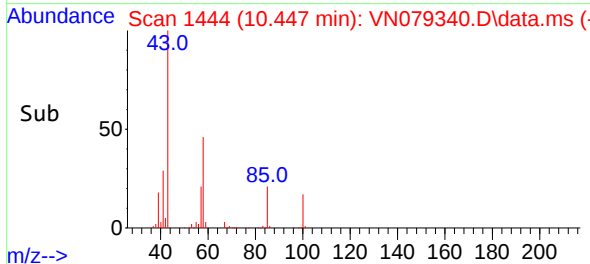
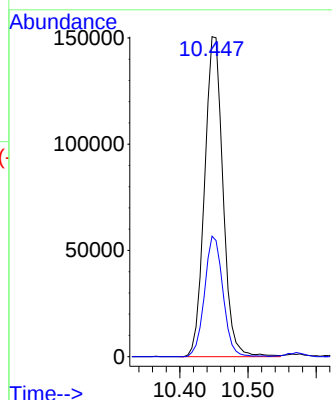
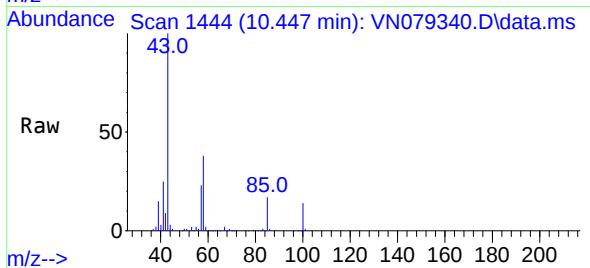




#51  
4-Methyl-2-Pentanone  
Concen: 106.699 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

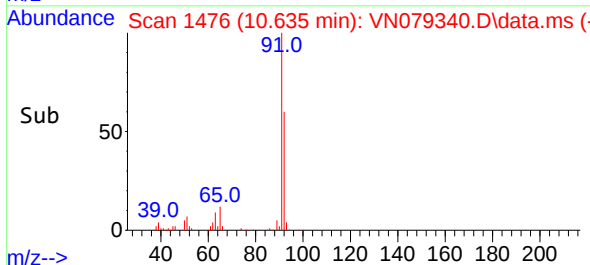
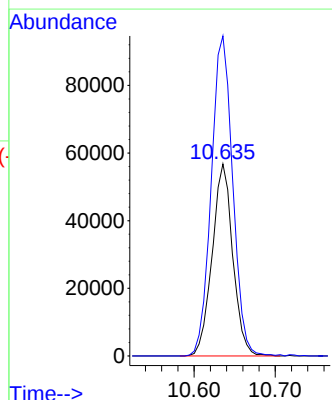
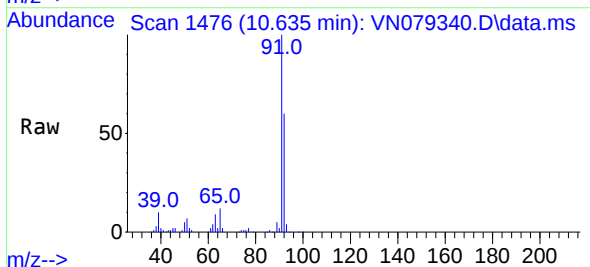
Instrument :  
MSVOA\_N  
ClientSampleId :

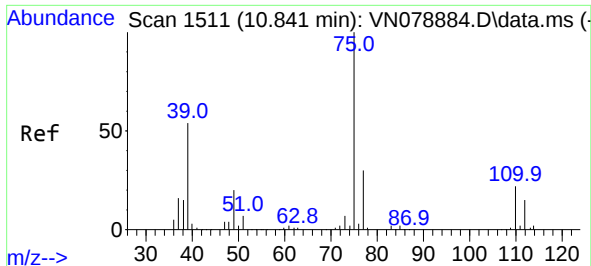
Tgt Ion: 43 Resp: 283007  
Ion Ratio Lower Upper  
43 100  
58 37.7 36.6 54.8



#52  
Toluene  
Concen: 18.957 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 92 Resp: 100128  
Ion Ratio Lower Upper  
92 100  
91 173.4 137.4 206.0

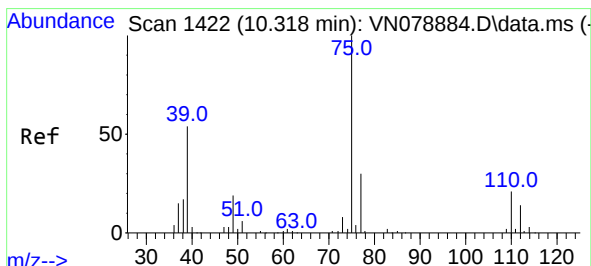
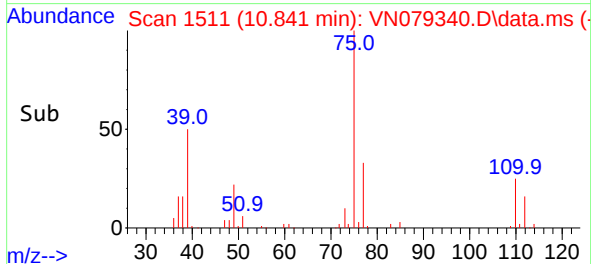
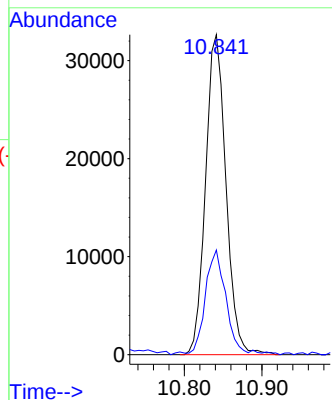
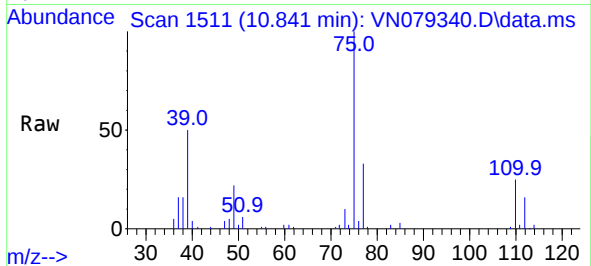




#53  
t-1,3-Dichloropropene  
Concen: 19.098 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

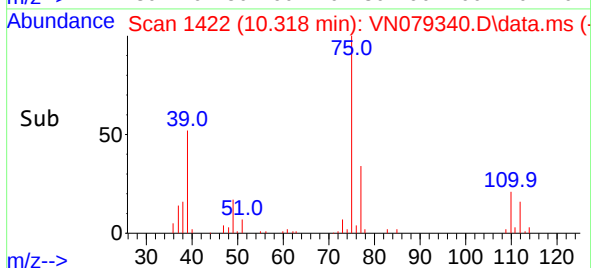
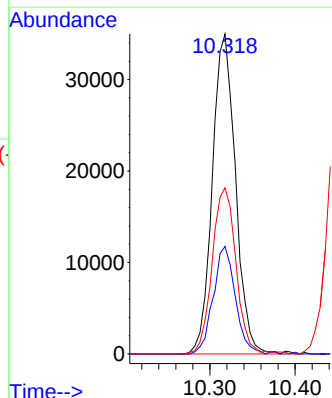
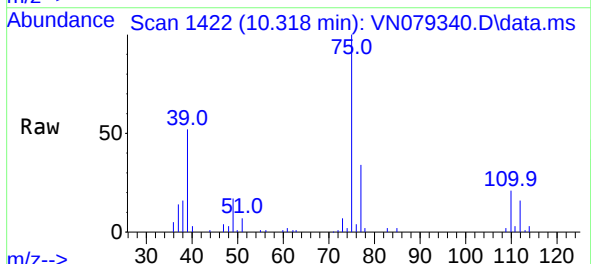
Instrument :  
MSVOA\_N  
ClientSampleId :

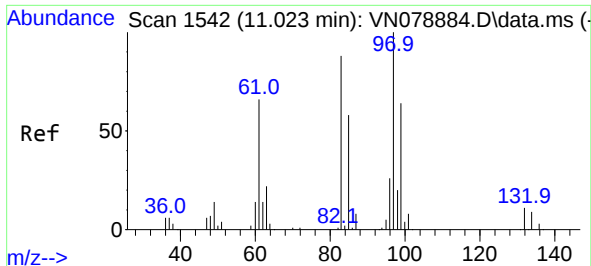
Tgt Ion: 75 Resp: 59724  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 19.746 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

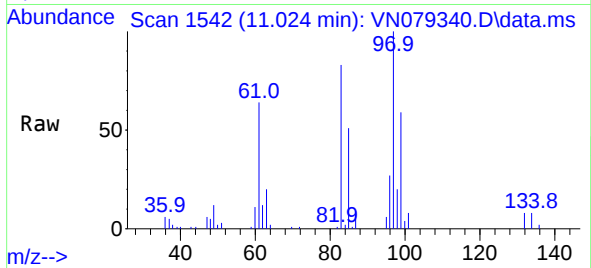
Tgt Ion: 75 Resp: 66044  
Ion Ratio Lower Upper  
75 100  
77 33.6 26.1 39.1  
39 51.9 31.6 47.4#





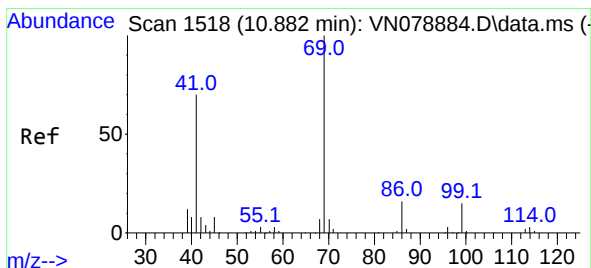
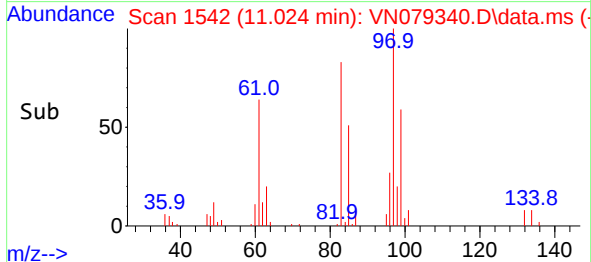
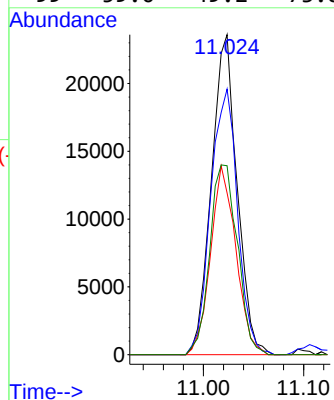
#55  
1,1,2-Trichloroethane  
Concen: 20.226 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 41919

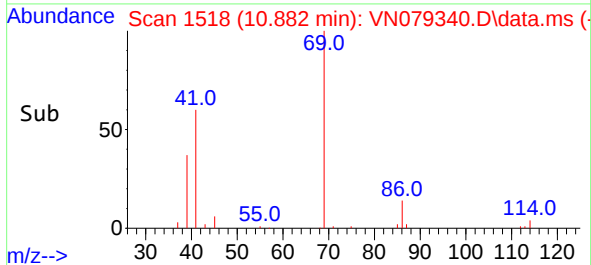
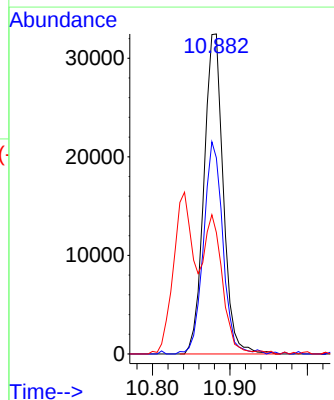
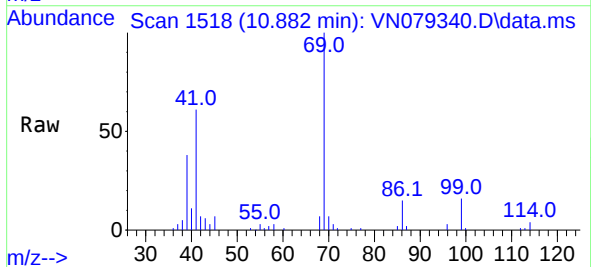
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.0  | 65.1  | 97.7  |
| 85  | 50.6  | 43.4  | 65.2  |
| 99  | 59.0  | 49.2  | 73.8  |

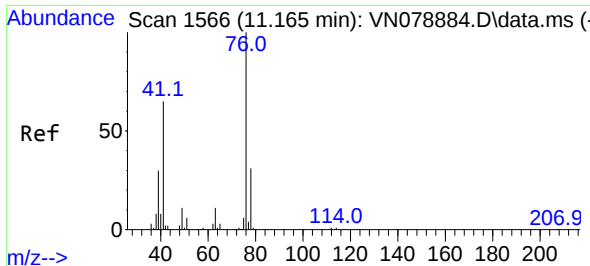


#56  
Ethyl methacrylate  
Concen: 19.244 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.005 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 69 Resp: 56300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.1  | 39.6  | 59.4# |
| 39  | 42.9  | 28.6  | 43.0  |





#57

1,3-Dichloropropane

Concen: 20.263 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA\_N

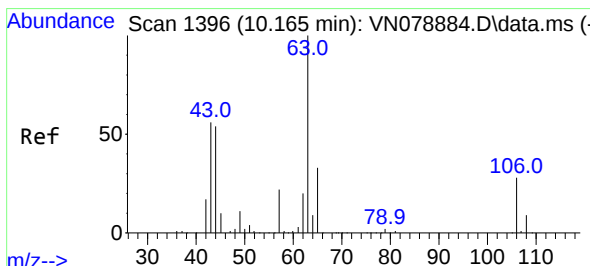
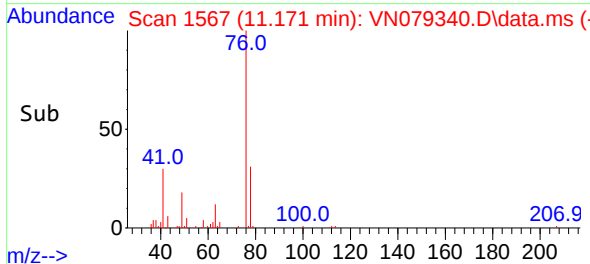
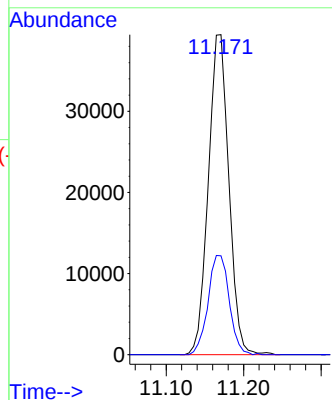
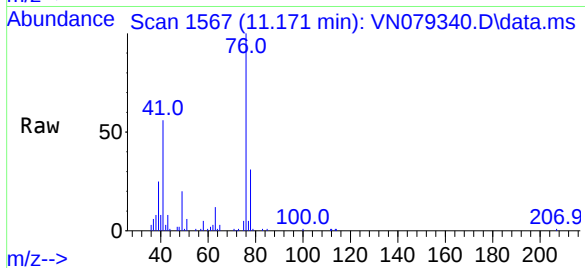
ClientSampleId :

Tgt Ion: 76 Resp: 72597

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 111.491 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079340.D

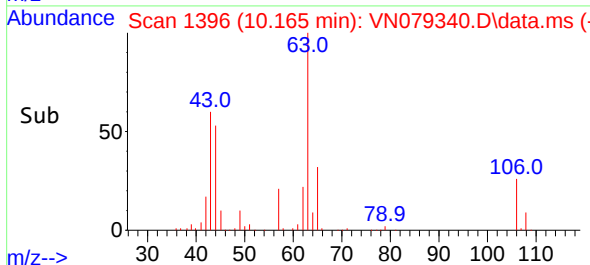
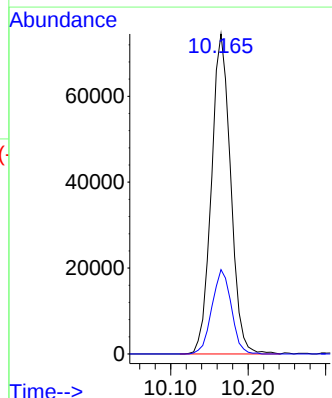
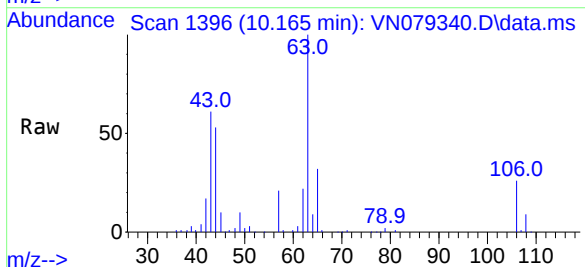
Acq: 25 Sep 2023 12:56

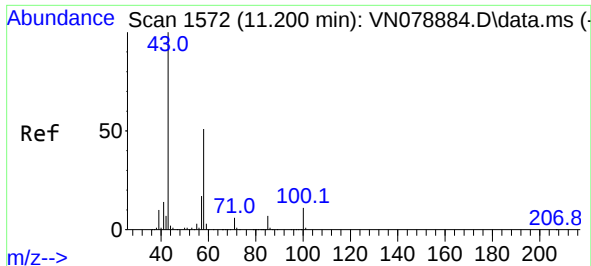
Tgt Ion: 63 Resp: 128677

Ion Ratio Lower Upper

63 100

106 26.5 26.2 39.4

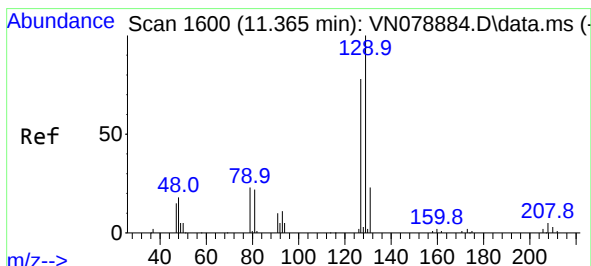
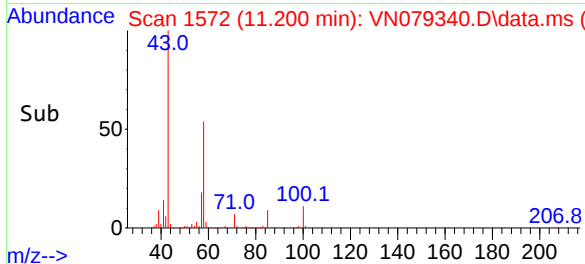
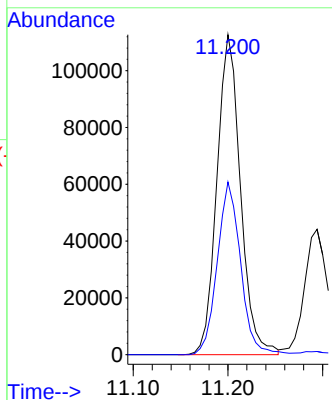
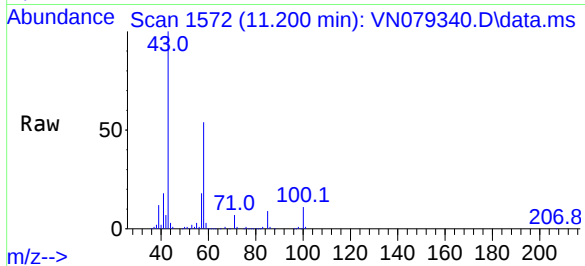




#59  
2-Hexanone  
Concen: 101.497 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

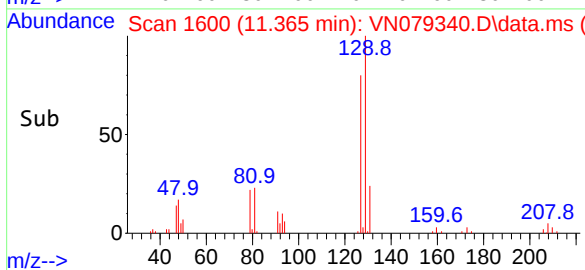
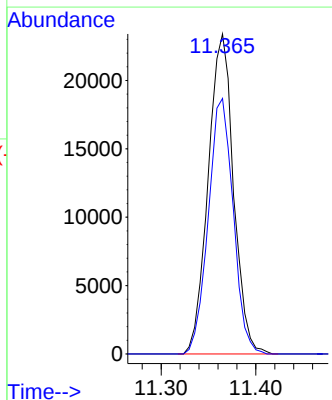
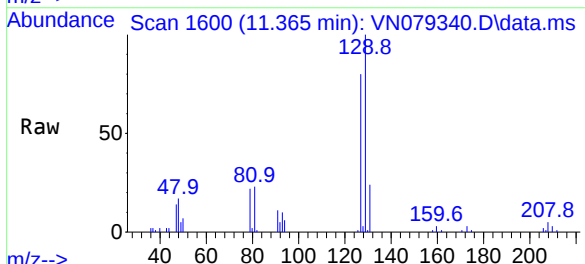
Instrument :  
MSVOA\_N  
ClientSampleId :

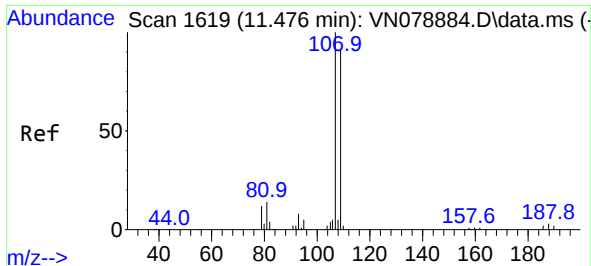
Tgt Ion: 43 Resp: 194985  
Ion Ratio Lower Upper  
43 100  
58 53.4 31.7 95.1



#60  
Dibromochloromethane  
Concen: 19.714 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:129 Resp: 43484  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.6 116.0

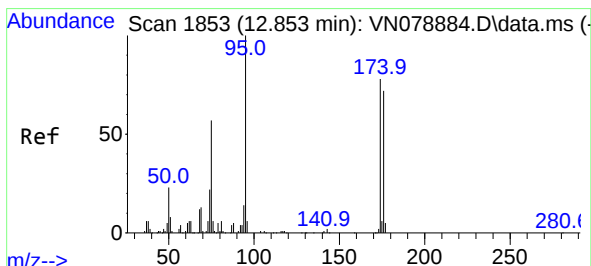
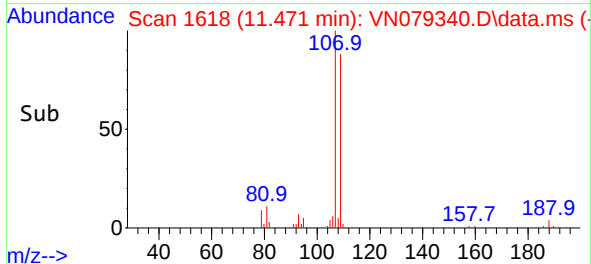
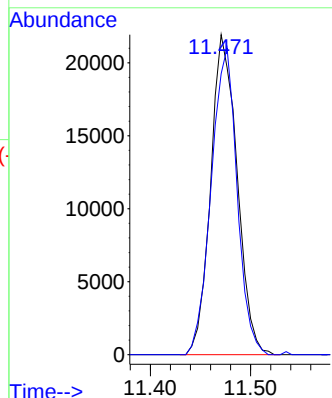
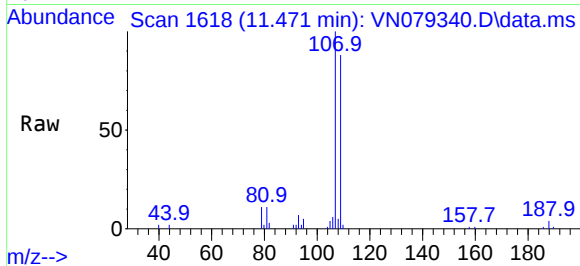




#61  
1,2-Dibromoethane  
Concen: 19.436 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

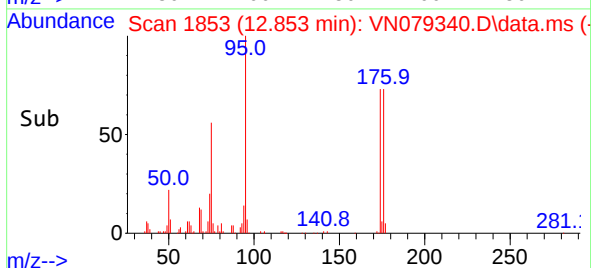
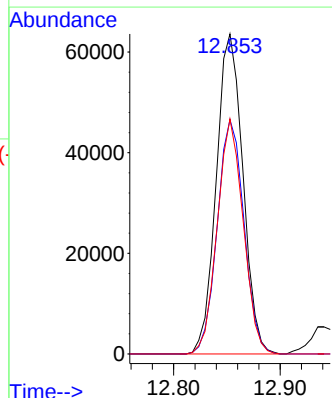
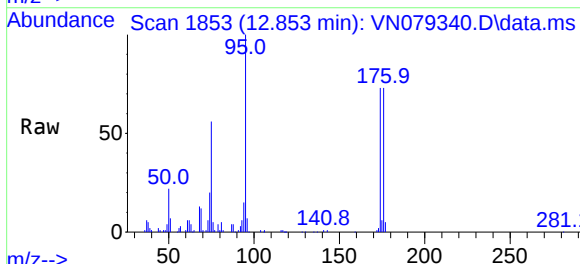
Instrument :  
MSVOA\_N  
ClientSampleId :

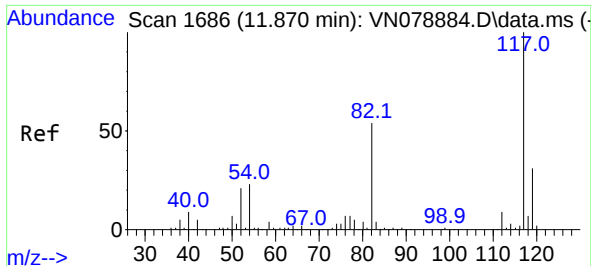
Tgt Ion:107 Resp: 40198  
Ion Ratio Lower Upper  
107 100  
109 93.7 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.630 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 95 Resp: 110145  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 143.8  
176 71.7 0.0 135.8

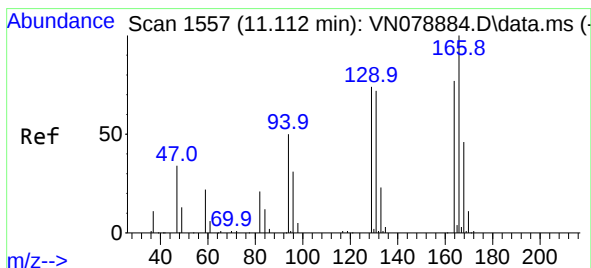
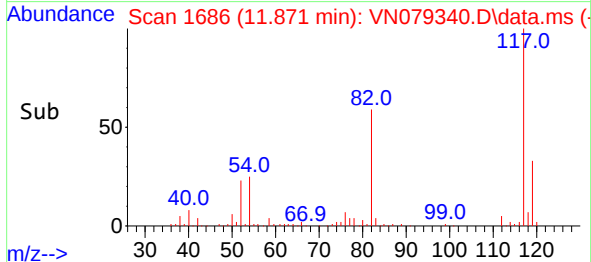
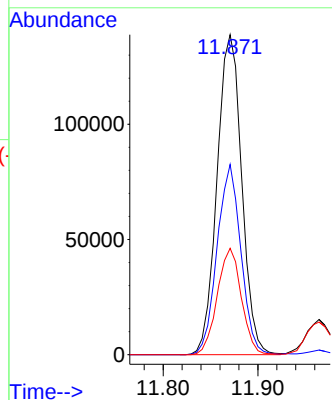
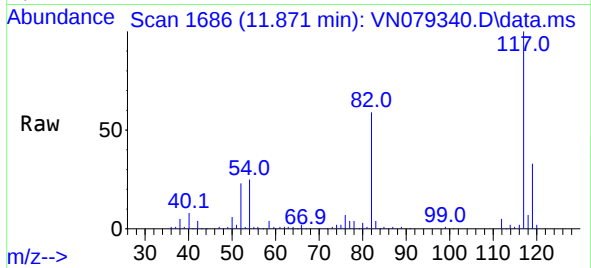




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

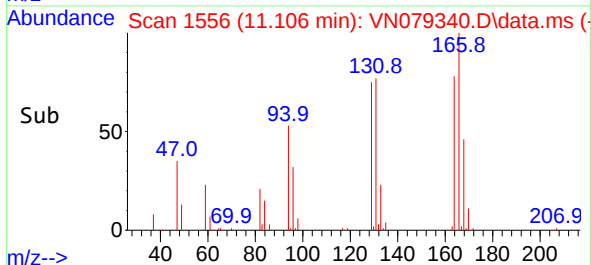
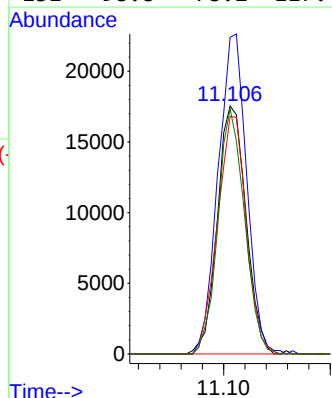
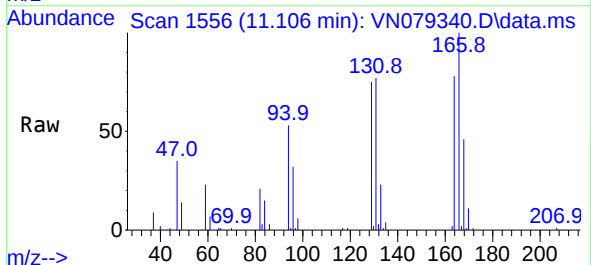
Instrument :  
MSVOA\_N  
ClientSampleId :

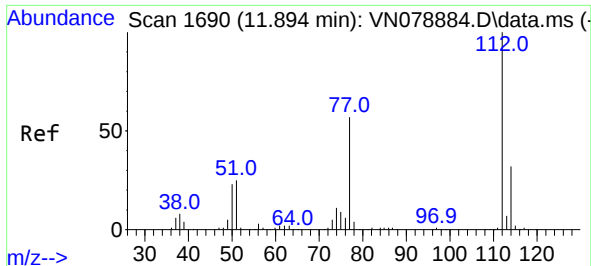
Tgt Ion:117 Resp: 251669  
Ion Ratio Lower Upper  
117 100  
82 59.4 44.0 66.0  
119 33.3 25.6 38.4



#64  
Tetrachloroethene  
Concen: 17.865 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:164 Resp: 32784  
Ion Ratio Lower Upper  
164 100  
166 127.7 101.4 152.0  
129 95.8 82.4 123.6  
131 98.8 78.2 117.4

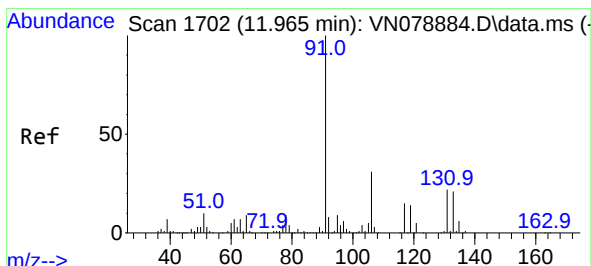
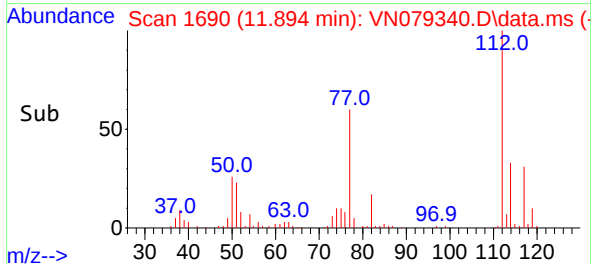
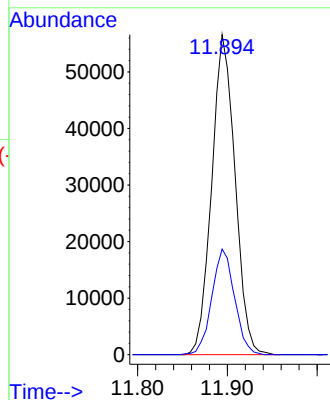
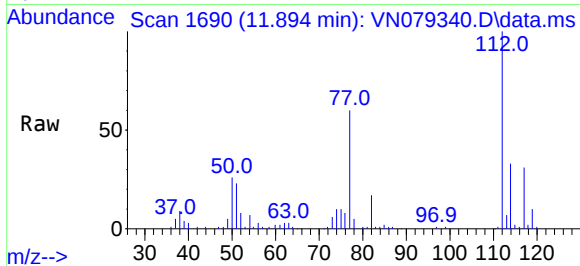




#65  
Chlorobenzene  
Concen: 17.932 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

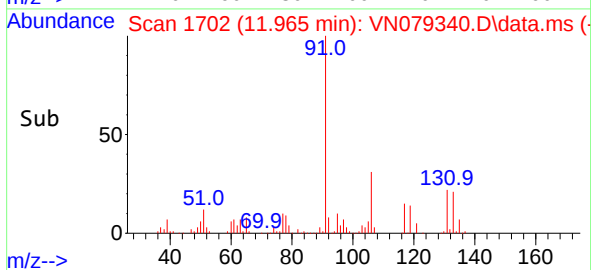
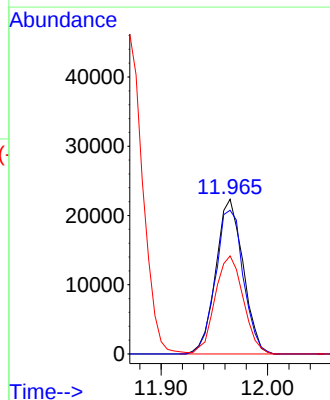
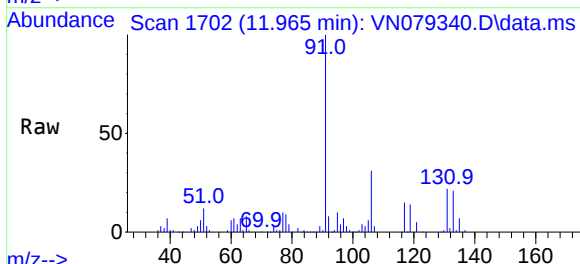
Instrument :  
MSVOA\_N  
ClientSampleId :

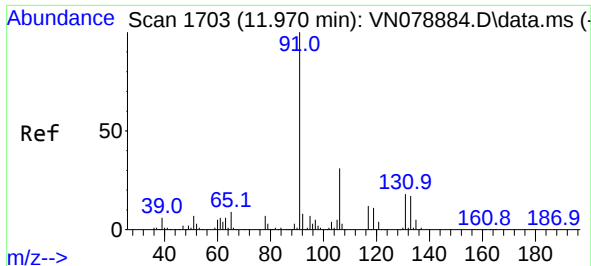
Tgt Ion:112 Resp: 102237  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.621 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:131 Resp: 39810  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.4 139.1  
119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 18.397 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA\_N

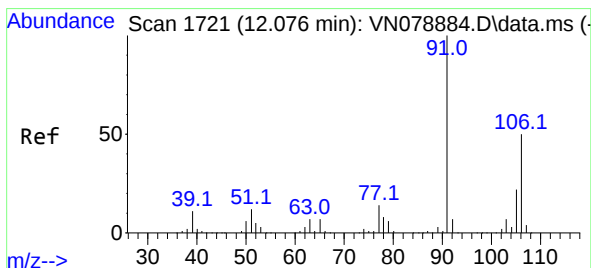
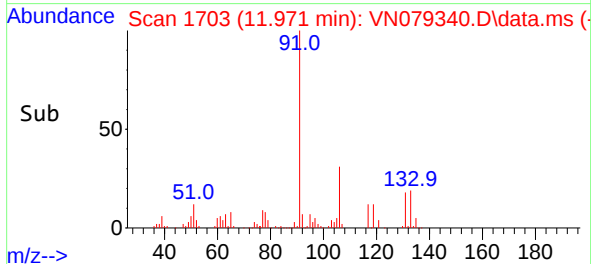
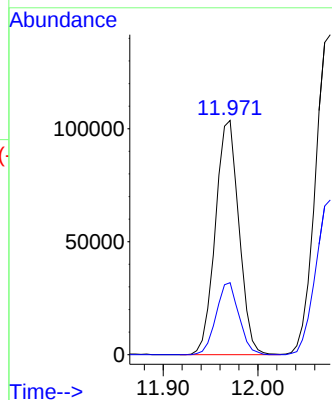
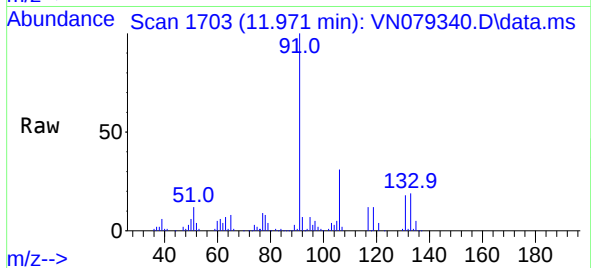
ClientSampleId :

Tgt Ion: 91 Resp: 179408

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 37.297 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079340.D

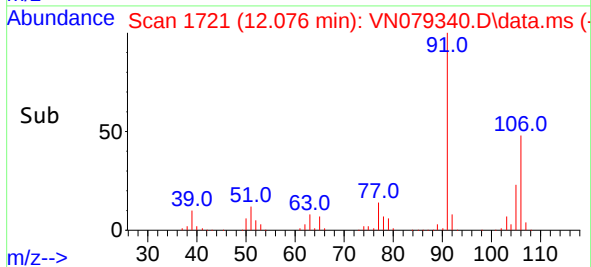
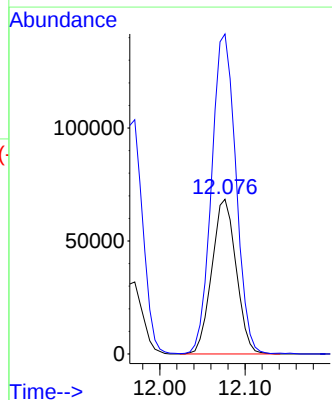
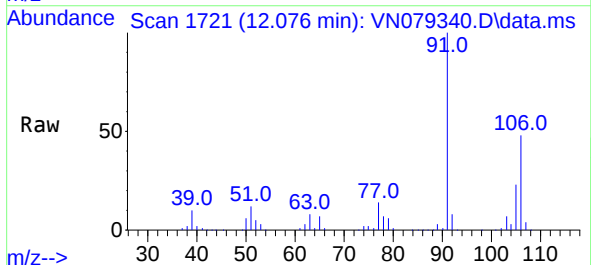
Acq: 25 Sep 2023 12:56

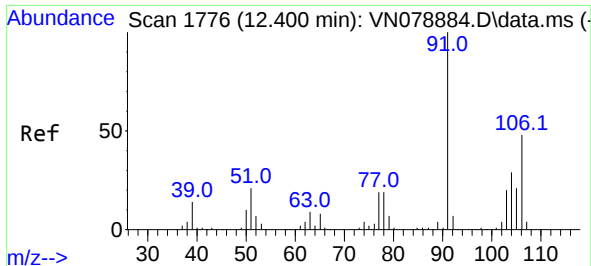
Tgt Ion:106 Resp: 135571

Ion Ratio Lower Upper

106 100

91 206.3 159.6 239.4

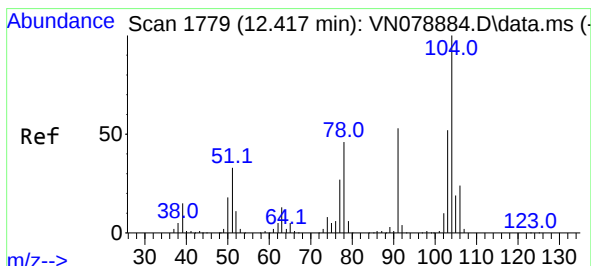
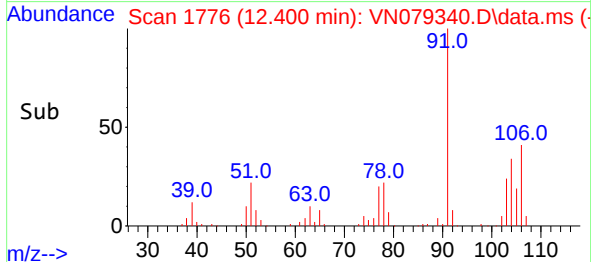
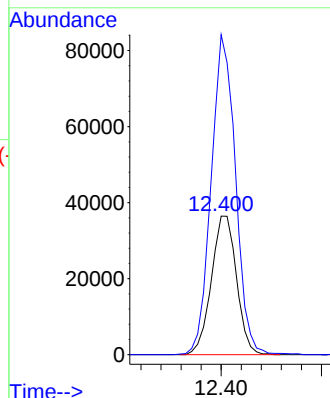
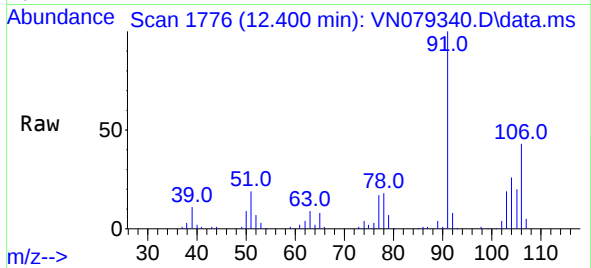




#69  
o-Xylene  
Concen: 18.234 ug/l  
RT: 12.400 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

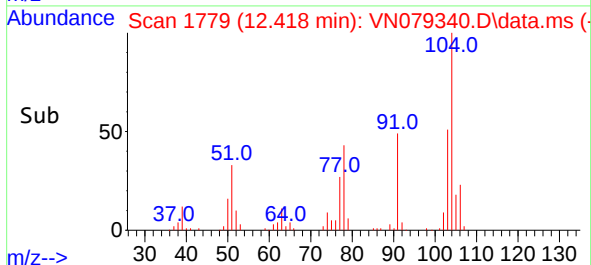
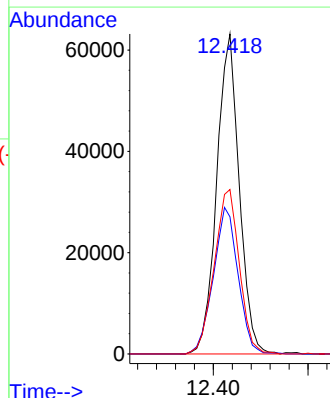
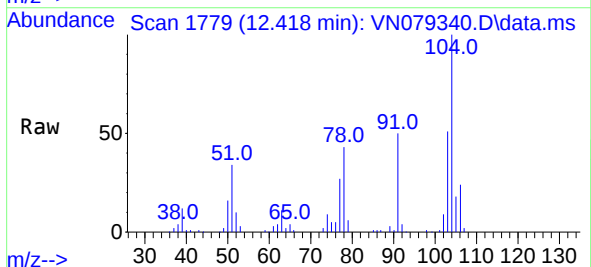
Instrument :  
MSVOA\_N  
ClientSampleId :

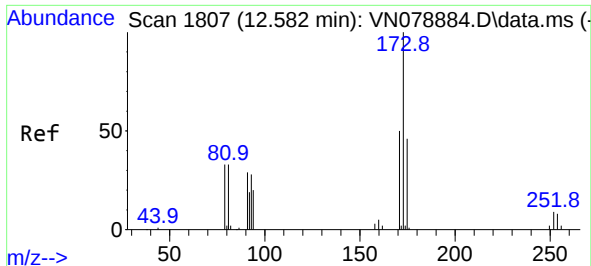
Tgt Ion:106 Resp: 63564  
Ion Ratio Lower Upper  
106 100  
91 223.5 105.2 315.5



#70  
Styrene  
Concen: 18.594 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

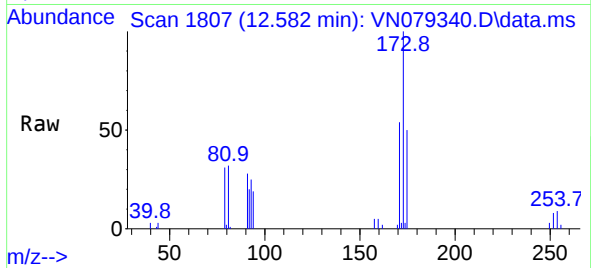
Tgt Ion:104 Resp: 104250  
Ion Ratio Lower Upper  
104 100  
78 50.3 39.5 59.3  
103 57.4 43.2 64.8



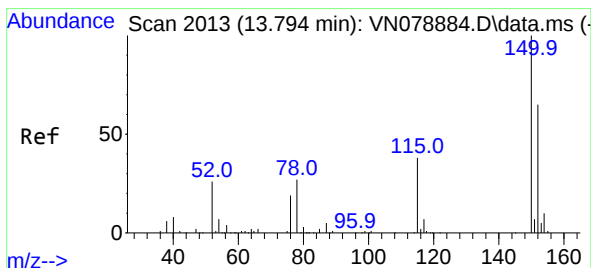
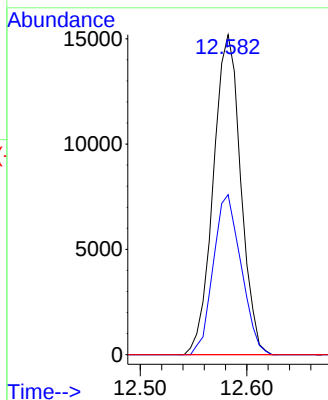
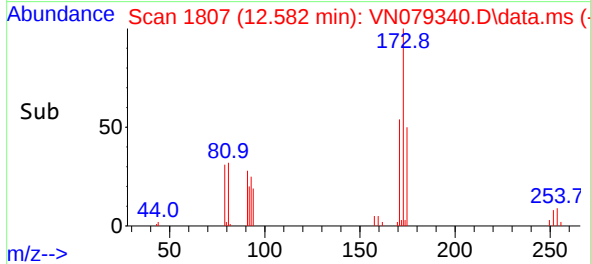


#71  
Bromoform  
Concen: 17.238 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

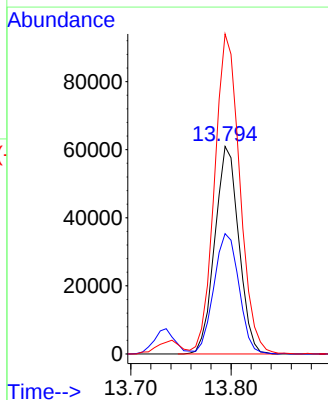
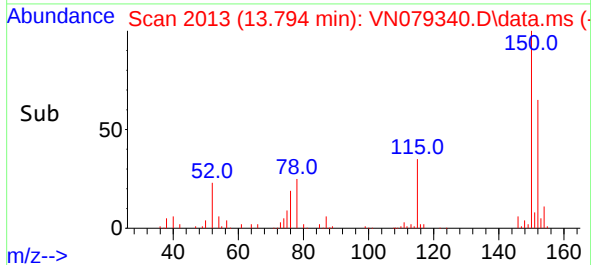
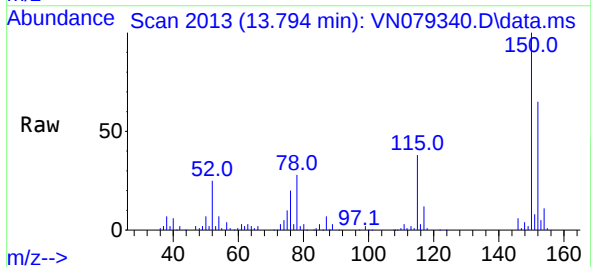


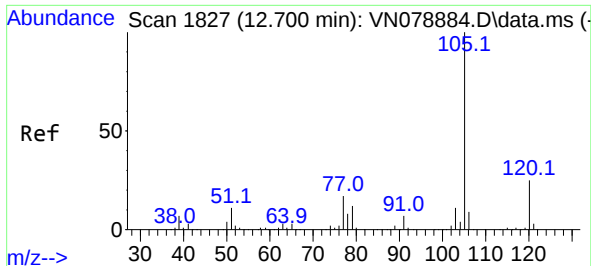
Tgt Ion:173 Resp: 27207  
Ion Ratio Lower Upper  
173 100  
175 50.7 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:152 Resp: 101200  
Ion Ratio Lower Upper  
152 100  
115 60.7 32.3 96.8  
150 162.4 0.0 355.8

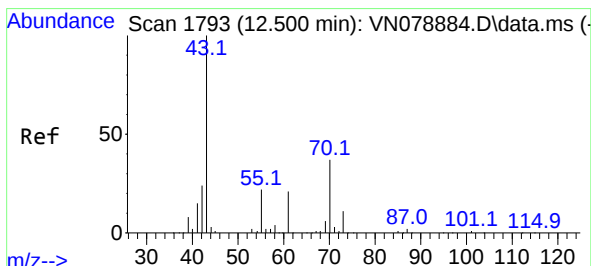
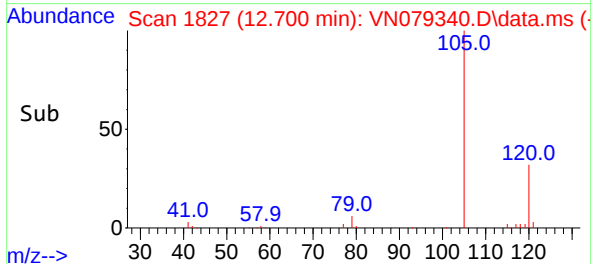
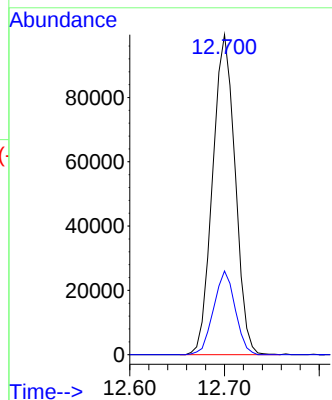
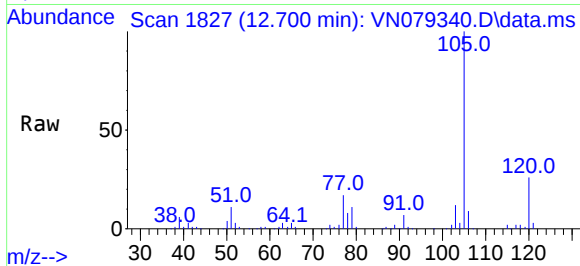




#73  
Isopropylbenzene  
Concen: 17.882 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

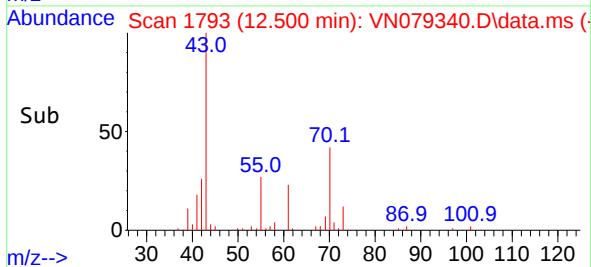
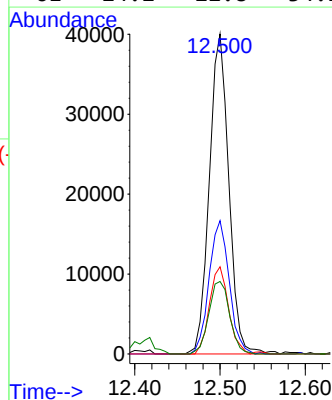
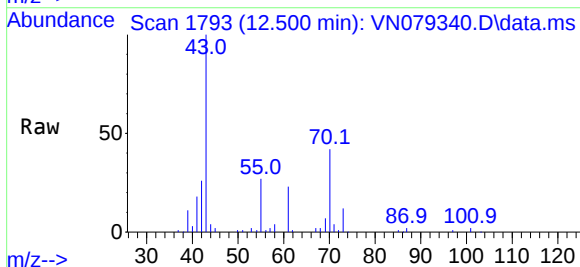
Instrument :  
MSVOA\_N  
ClientSampleId :

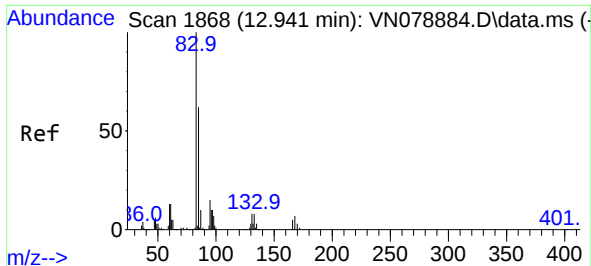
Tgt Ion:105 Resp: 164644  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.1 39.1



#74  
N-ethyl acetate  
Concen: 18.202 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 43 Resp: 63585  
Ion Ratio Lower Upper  
43 100  
70 43.2 43.4 65.2#  
55 26.6 21.4 32.0  
61 24.2 22.8 34.2

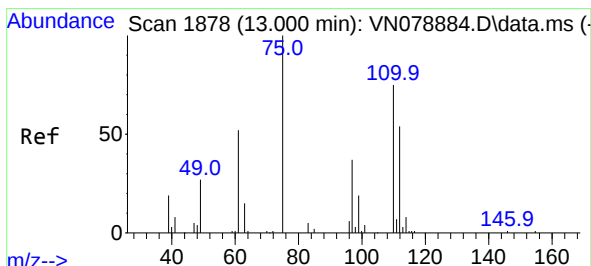
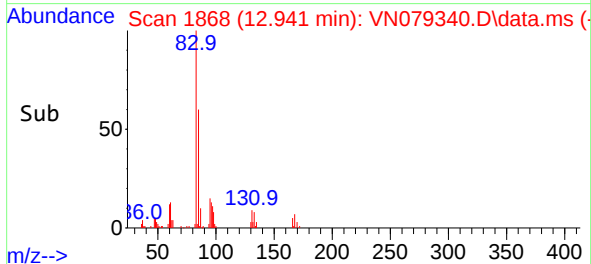
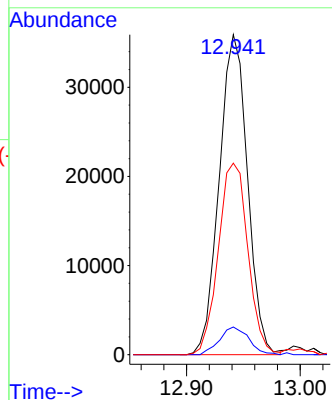
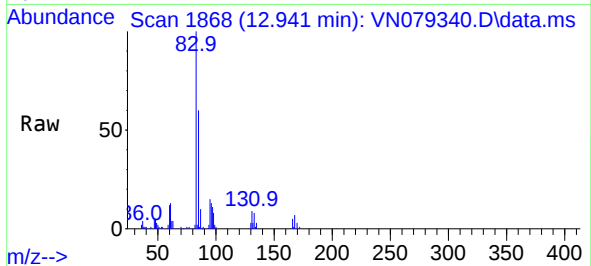




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.118 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

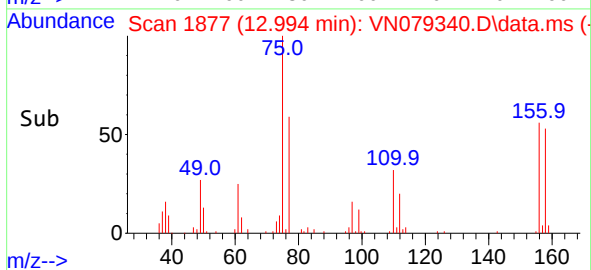
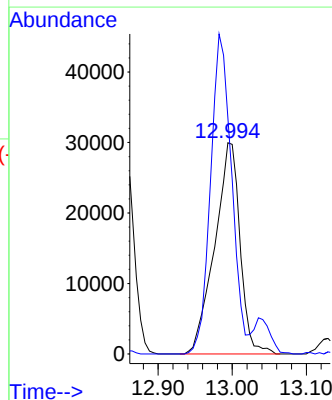
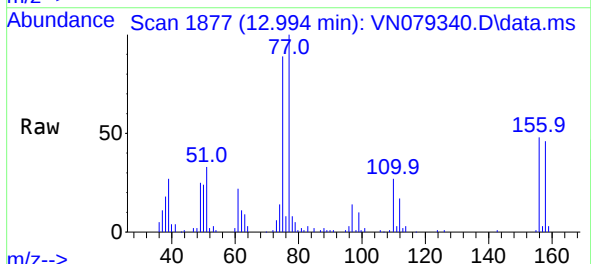
Instrument :  
MSVOA\_N  
ClientSampleId :

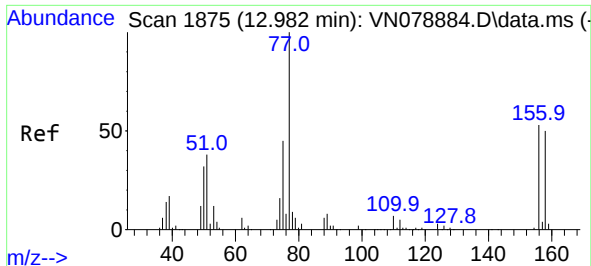
Tgt Ion: 83 Resp: 62119  
Ion Ratio Lower Upper  
83 100  
131 8.9 5.0 15.0  
85 62.5 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 26.143 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 75 Resp: 71304  
Ion Ratio Lower Upper  
75 100  
77 126.1 84.5 253.5

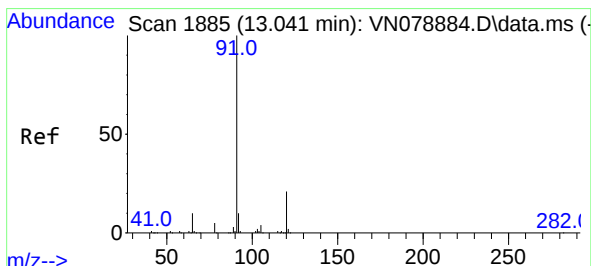
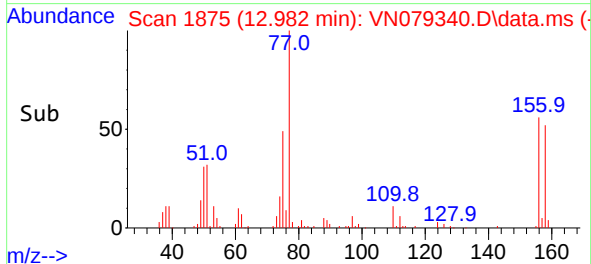
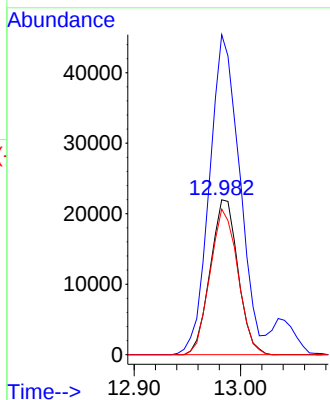
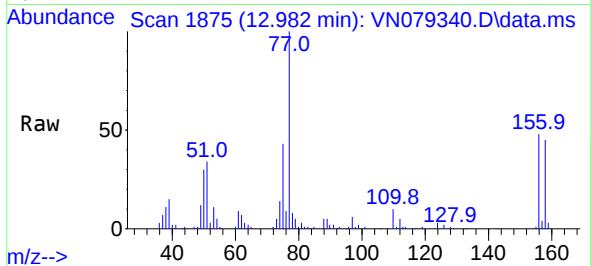




#77  
Bromobenzene  
Concen: 17.070 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

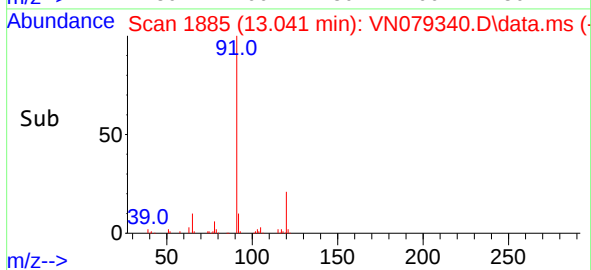
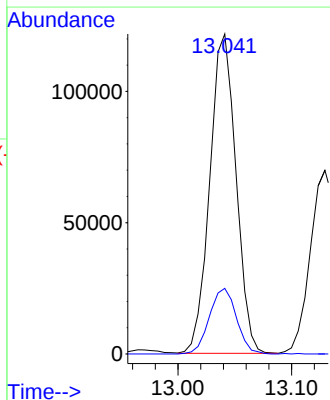
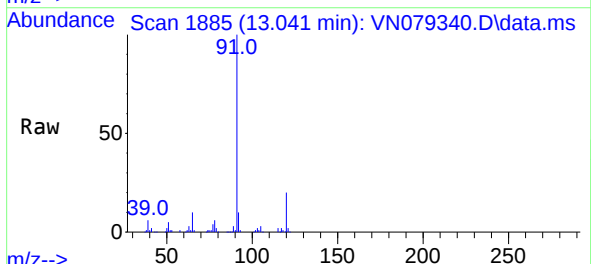
Instrument :  
MSVOA\_N  
ClientSampleId :

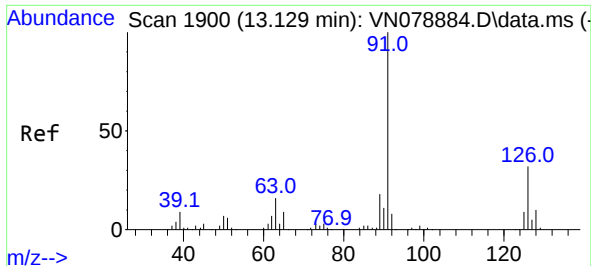
Tgt Ion:156 Resp: 39797  
Ion Ratio Lower Upper  
156 100  
77 225.9 107.7 323.3  
158 94.2 48.4 145.3



#78  
n-propylbenzene  
Concen: 18.868 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 91 Resp: 195152  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.5 34.4

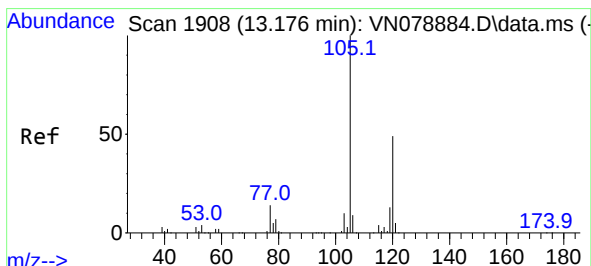
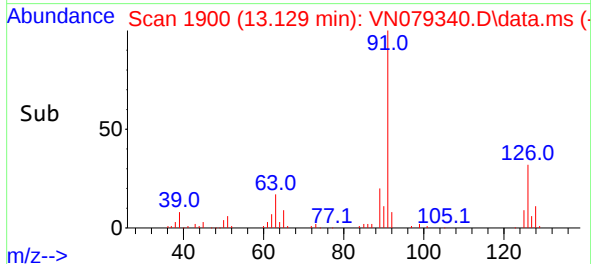
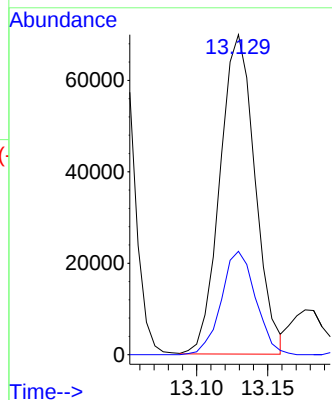
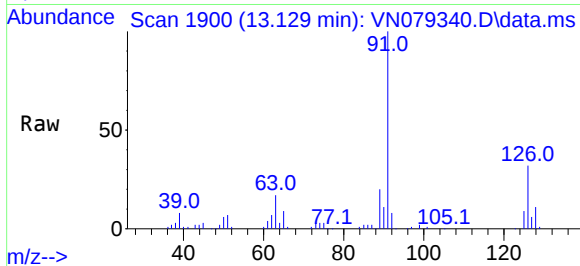




#79  
2-Chlorotoluene  
Concen: 17.745 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

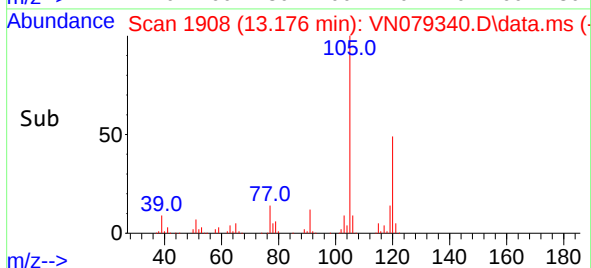
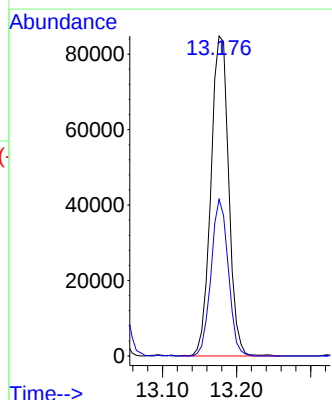
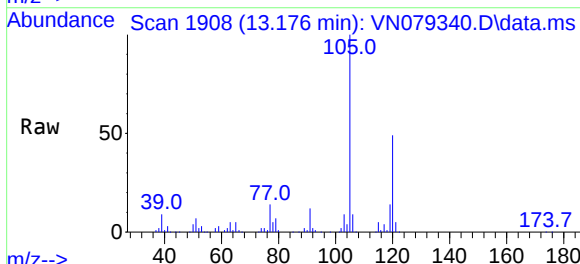
Instrument :  
MSVOA\_N  
ClientSampleId :

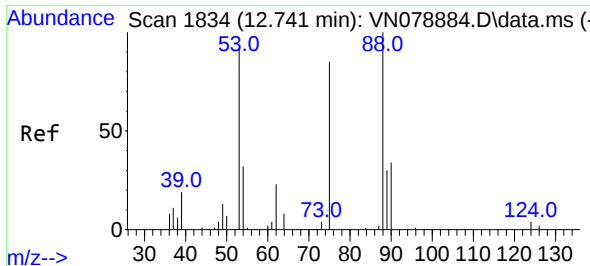
Tgt Ion: 91 Resp: 120041  
Ion Ratio Lower Upper  
91 100  
126 31.7 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 18.440 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 105 Resp: 141473  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.1 72.3

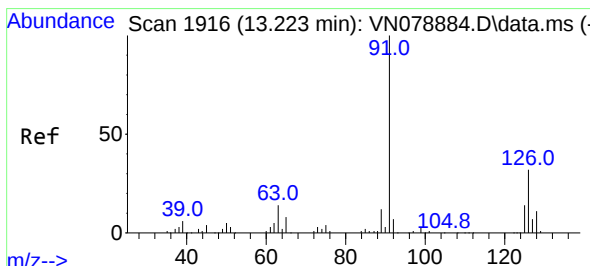
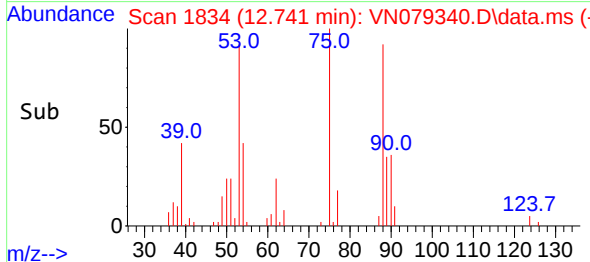
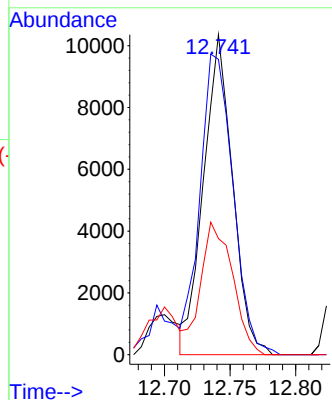
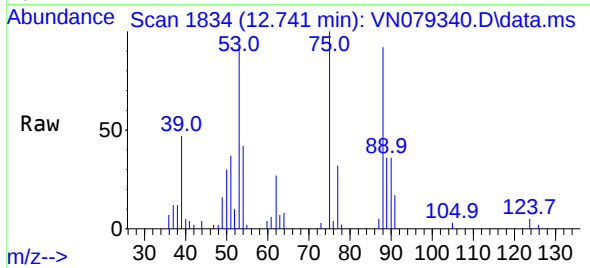




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.078 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

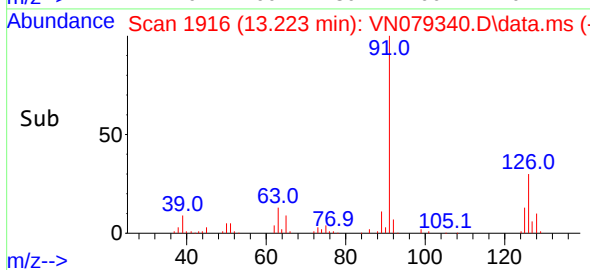
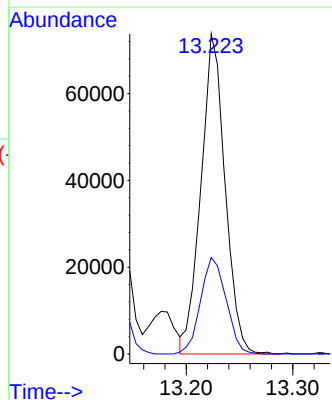
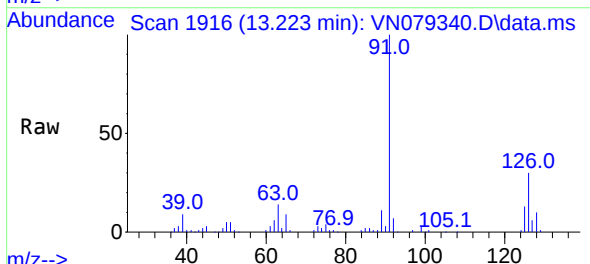
Instrument :  
MSVOA\_N  
ClientSampleId :

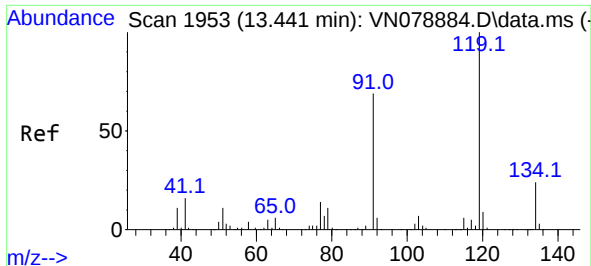
Tgt Ion: 75 Resp: 15951  
Ion Ratio Lower Upper  
75 100  
53 107.0 67.4 101.2#  
89 45.9 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 18.234 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 91 Resp: 115906  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.7 50.0

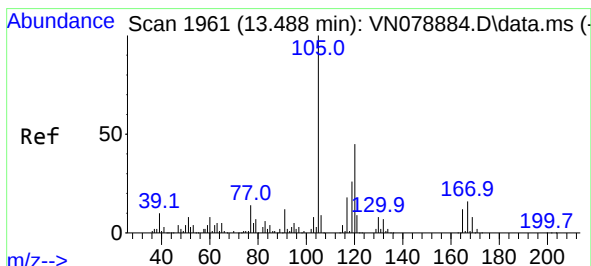
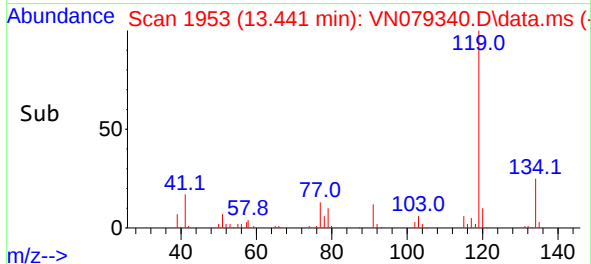
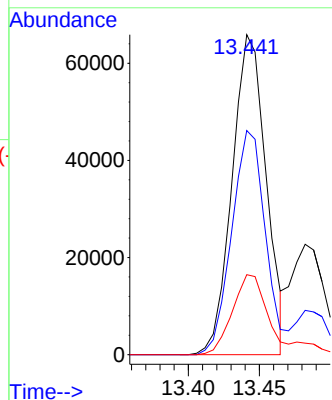
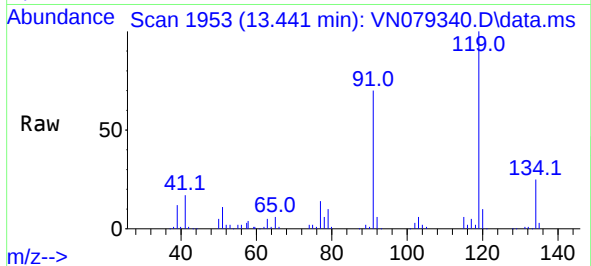




#83  
tert-Butylbenzene  
Concen: 17.289 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

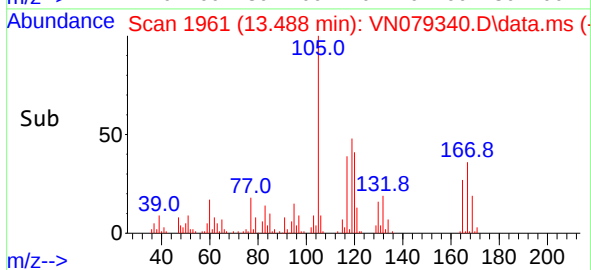
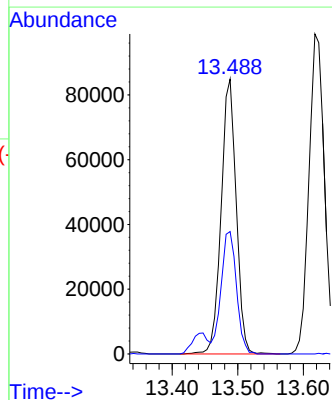
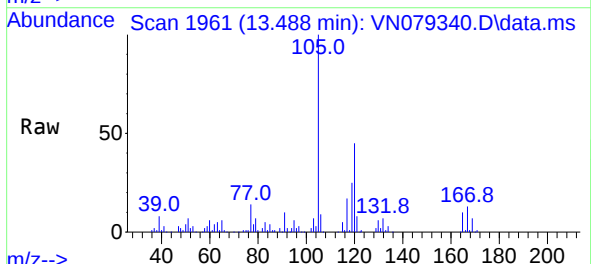
Instrument :  
MSVOA\_N  
ClientSampleId :

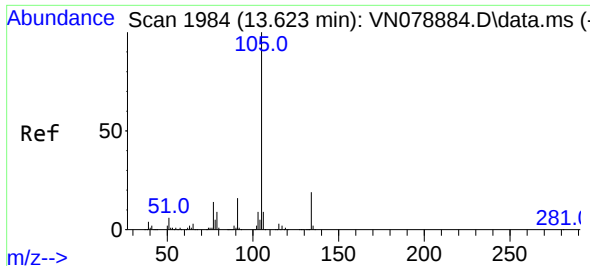
Tgt Ion:119 Resp: 109728  
Ion Ratio Lower Upper  
119 100  
91 70.0 33.9 101.7  
134 25.4 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 18.470 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion:105 Resp: 134949  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.0 66.0

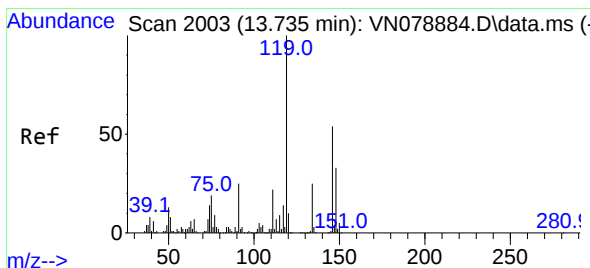
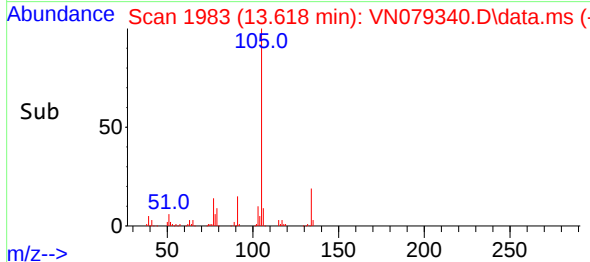
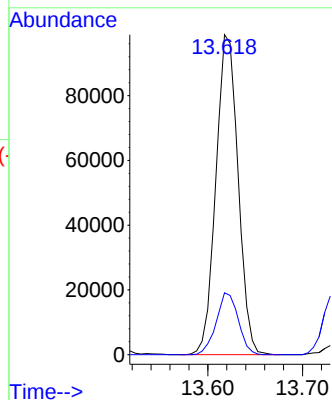
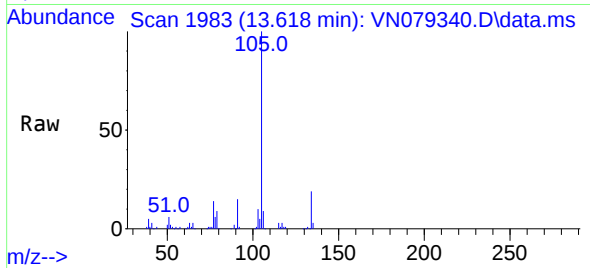




#85  
sec-Butylbenzene  
Concen: 18.432 ug/l  
RT: 13.618 min Scan# 1983  
Delta R.T. -0.005 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

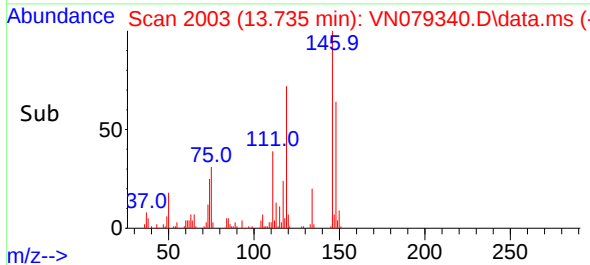
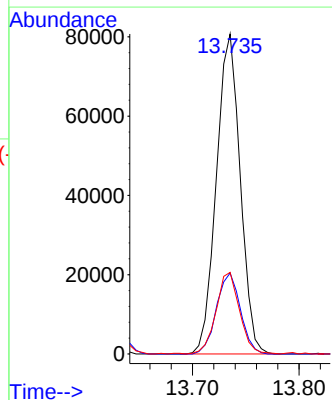
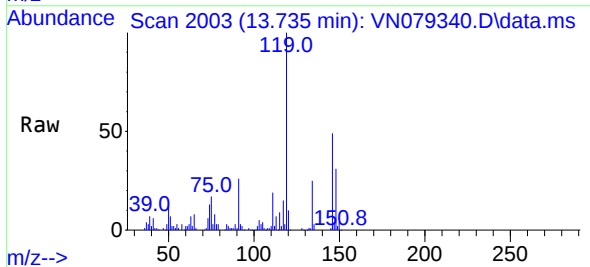
Instrument :  
MSVOA\_N  
ClientSampleId :

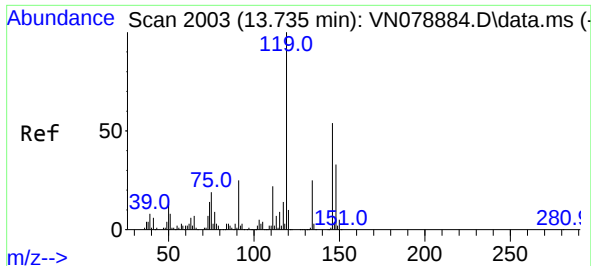
Tgt Ion:105 Resp: 161055  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 17.957 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

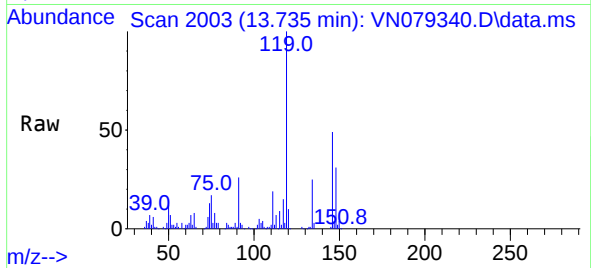
Tgt Ion:119 Resp: 125354  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.6 37.8  
91 25.2 12.4 37.2



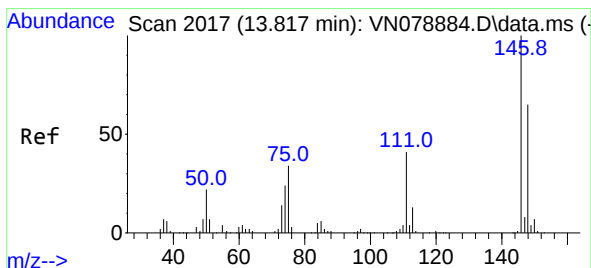
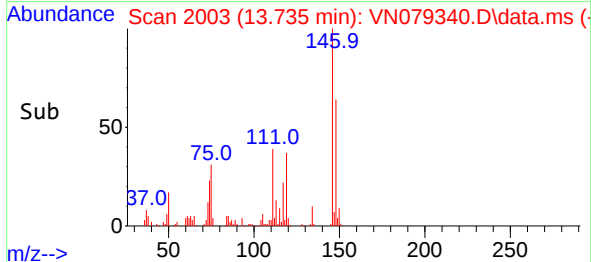
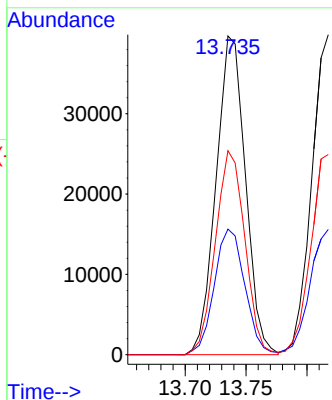


#87  
1,3-Dichlorobenzene  
Concen: 17.433 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

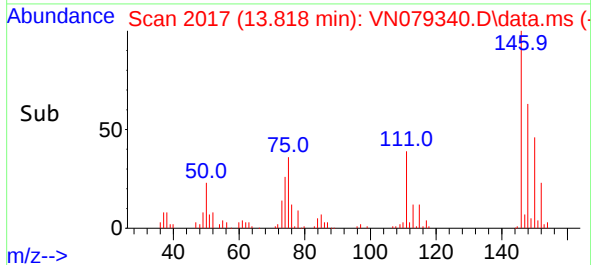
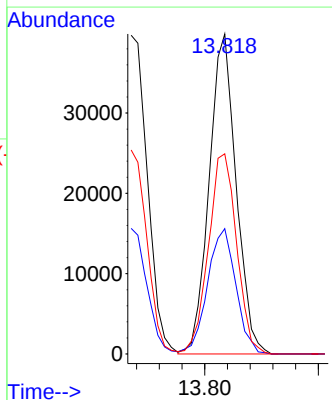
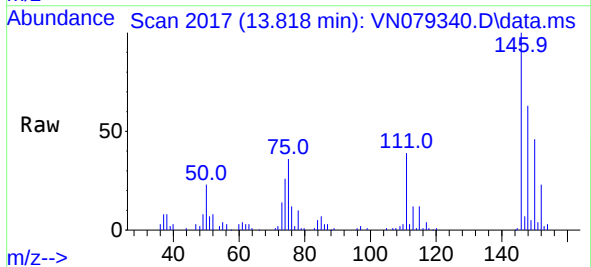


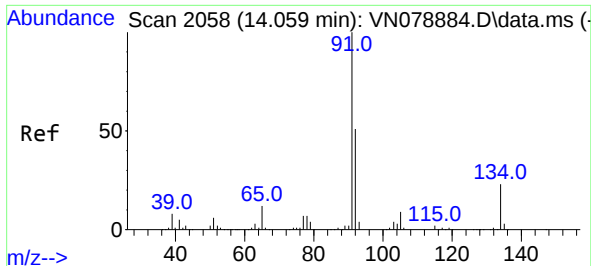
Tgt Ion:146 Resp: 66662  
Ion Ratio Lower Upper  
146 100  
111 41.0 22.1 66.3  
148 64.2 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 17.004 ug/l  
RT: 13.818 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

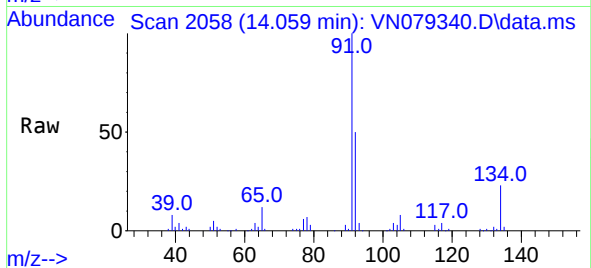
Tgt Ion:146 Resp: 65702  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.6 61.8  
148 65.5 31.6 94.8



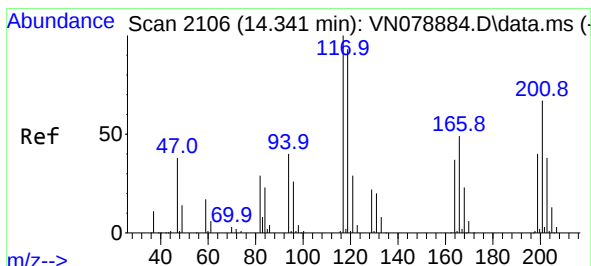
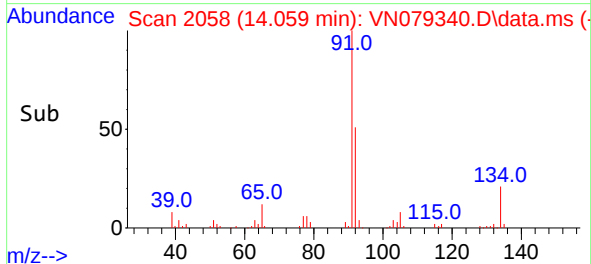
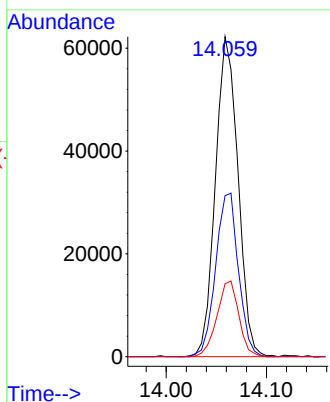


#89  
n-Butylbenzene  
Concen: 17.709 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

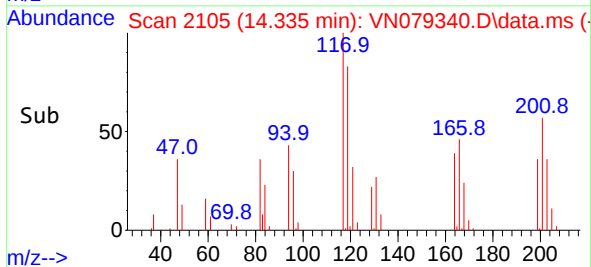
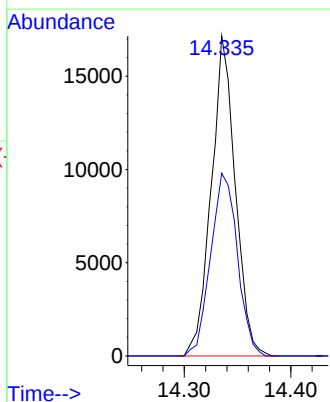
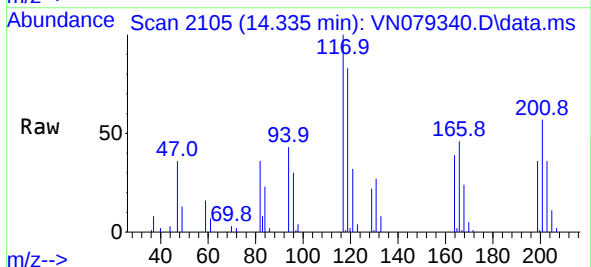


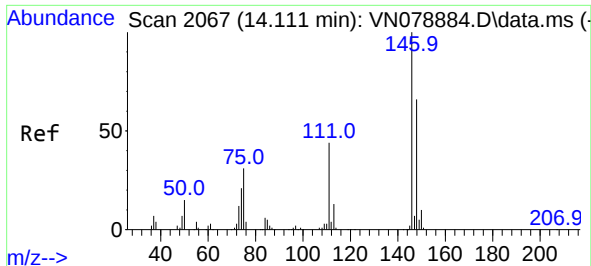
Tgt Ion: 91 Resp: 97214  
Ion Ratio Lower Upper  
91 100  
92 51.5 26.4 79.0  
134 22.9 12.6 37.6



#90  
Hexachloroethane  
Concen: 18.935 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Tgt Ion: 117 Resp: 26842  
Ion Ratio Lower Upper  
117 100  
201 63.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.685 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

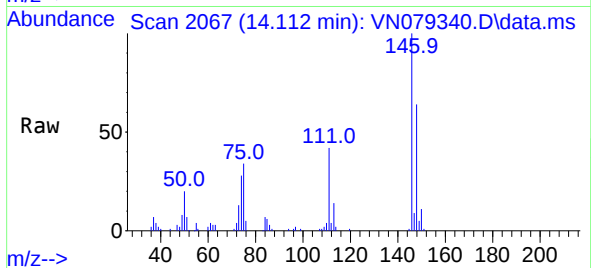
Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA\_N

ClientSampleId :



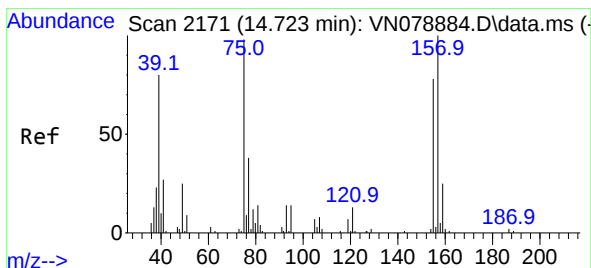
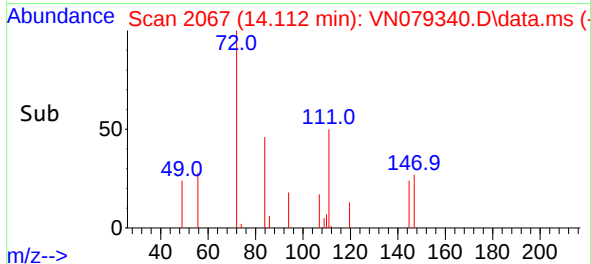
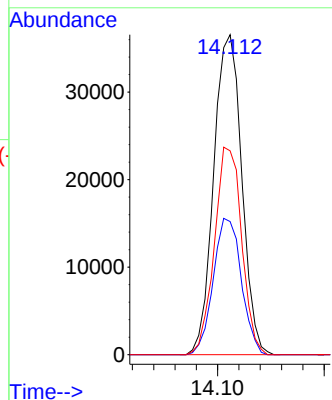
Tgt Ion:146 Resp: 66760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 146 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 111 | 42.7 | 22.0 | 66.0 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 148 | 63.0 | 31.8 | 95.3 |
|-----|------|------|------|



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.386 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

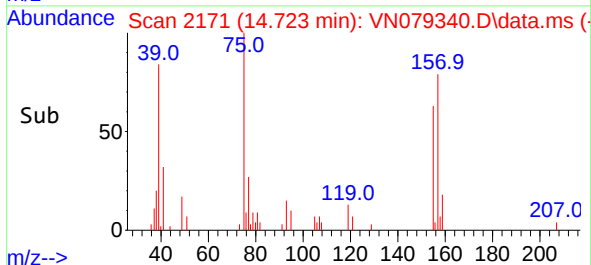
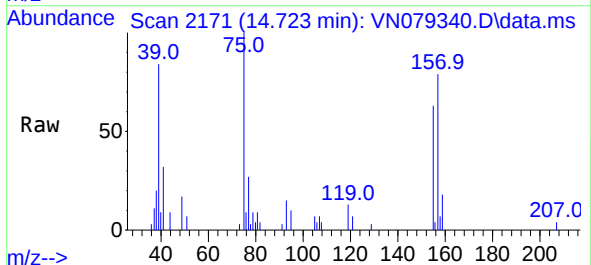
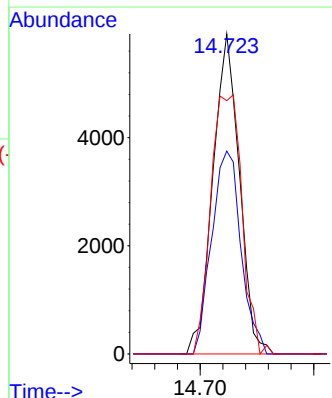
Tgt Ion: 75 Resp: 9583

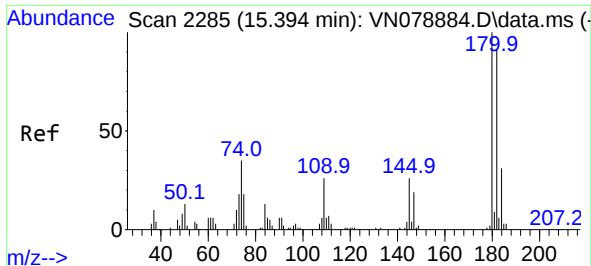
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 75 | 100 |  |  |
|----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 155 | 70.1 | 39.1 | 117.2 |
|-----|------|------|-------|

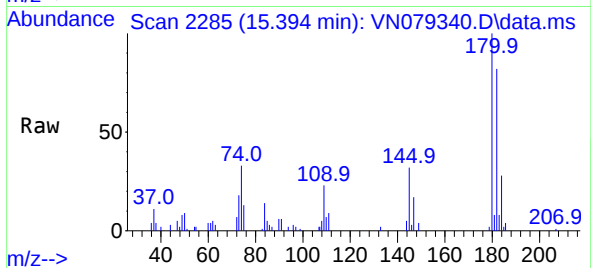
|     |      |      |       |
|-----|------|------|-------|
| 157 | 95.1 | 50.3 | 150.9 |
|-----|------|------|-------|



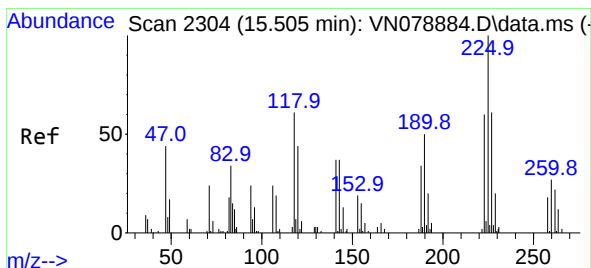
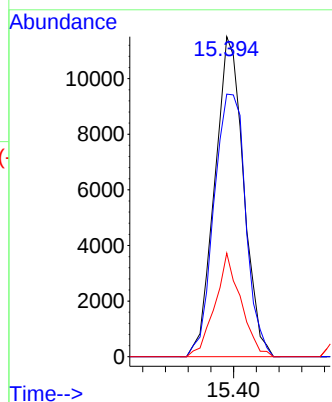
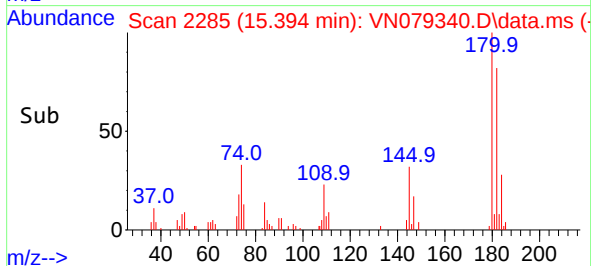


#93  
1,2,4-Trichlorobenzene  
Concen: 14.909 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

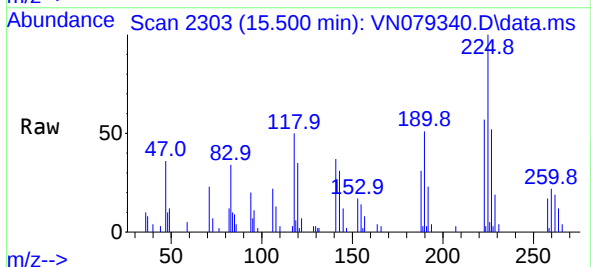
Instrument :  
MSVOA\_N  
ClientSampleId :



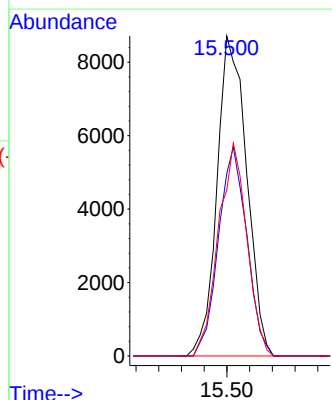
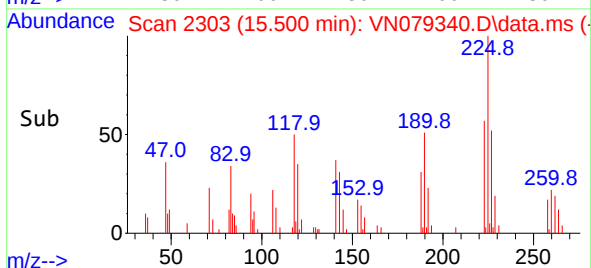
Tgt Ion:180 Resp: 20225  
Ion Ratio Lower Upper  
180 100  
182 90.4 46.1 138.2  
145 29.1 16.6 49.8

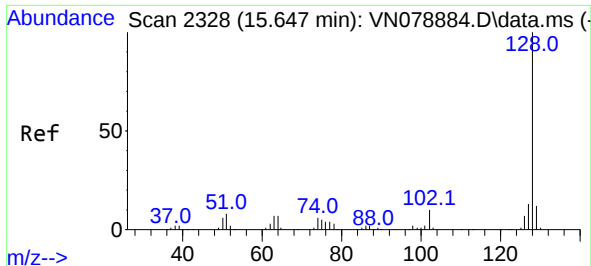


#94  
Hexachlorobutadiene  
Concen: 14.782 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56



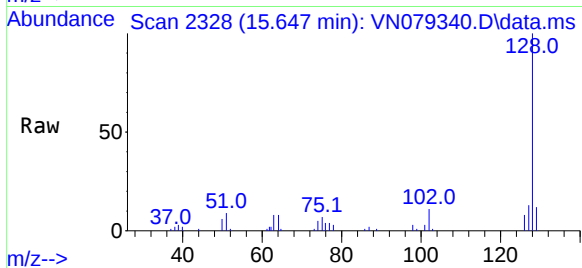
Tgt Ion:225 Resp: 15774  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.3 93.8  
227 63.6 31.9 95.9



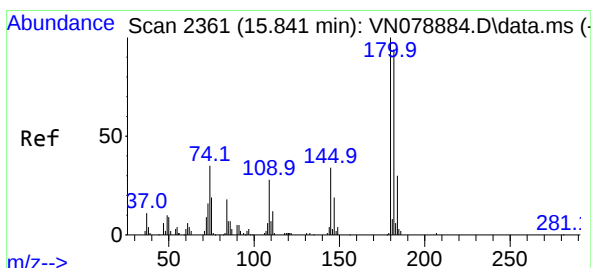
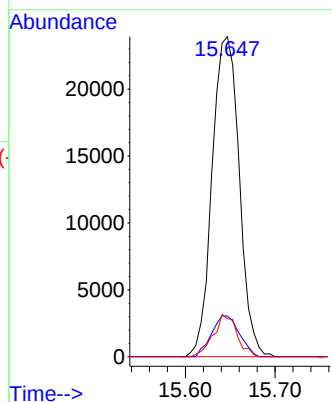


#95  
Naphthalene  
Concen: 12.457 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. -0.000 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :



|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 128  | Resp: | 50190 |
| Ion Ratio | 100  | Lower | Upper |
| 128       | 100  |       |       |
| 127       | 13.1 | 10.0  | 15.0  |
| 129       | 11.5 | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 13.887 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN079340.D  
Acq: 25 Sep 2023 12:56

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 180  | Resp: | 22222 |
| Ion Ratio | 100  | Lower | Upper |
| 180       | 100  |       |       |
| 182       | 94.5 | 46.2  | 138.6 |
| 145       | 33.5 | 17.5  | 52.6  |

