

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071123\  
 Data File : VN078462.D  
 Acq On : 11 Jul 2023 14:00  
 Operator : JC\MD  
 Sample : VN0711WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

Quant Time: Jul 12 01:33:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 422349   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 757072   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 677021   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 265370   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 324535   | 57.318   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 114.640% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 270140   | 52.564   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.120% |      |
| 50) Toluene-d8              | 10.571 | 98    | 1001221  | 51.571   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.140% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 307522   | 51.424   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.840% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 90944  | 17.563  | ug/l   | 96  |
| 3) Chloromethane             | 2.371 | 50  | 101098 | 17.963  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.518 | 62  | 125417 | 17.226  | ug/l   | 94  |
| 5) Bromomethane              | 2.959 | 94  | 98559  | 18.244  | ug/l   | 97  |
| 6) Chloroethane              | 3.130 | 64  | 87304  | 18.617  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 156882 | 18.026  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.971 | 74  | 60055  | 20.711  | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 85658  | 18.592  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.600 | 142 | 123463 | 19.502  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 90978m | 104.201 | ug/l   |     |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 82597  | 18.534  | ug/l   | 97  |
| 13) Acrolein                 | 4.194 | 56  | 72566  | 84.476  | ug/l   | 96  |
| 14) Allyl chloride           | 5.036 | 41  | 111041 | 18.235  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.736 | 53  | 225525 | 102.233 | ug/l   | 99  |
| 16) Acetone                  | 4.441 | 43  | 172482 | 97.794  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.724 | 76  | 216198 | 16.777  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.041 | 43  | 152732 | 20.456  | ug/l # | 88  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 307607 | 20.949  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.289 | 84  | 112204 | 21.481  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 94676  | 18.852  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.683 | 45  | 286998 | 21.048  | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.612 | 43  | 886381 | 102.252 | ug/l # | 87  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 176757 | 19.238  | ug/l   | 98  |
| 25) 2-Butanone               | 7.494 | 43  | 291687 | 105.062 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 138875 | 18.480  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 116584 | 20.068  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.818 | 49  | 102085 | 23.589  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 182240 | 100.036 | ug/l   | 87  |
| 30) Chloroform               | 7.977 | 83  | 196438 | 20.536  | ug/l   | 96  |
| 31) Cyclohexane              | 8.271 | 56  | 129715 | 16.952  | ug/l   | 84  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 159298 | 18.574  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.382 | 75  | 133980 | 18.055  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.571 | 43  | 116980 | 18.911  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 141759 | 17.577  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.606 | 83  | 115029 | 16.982  | ug/l   | 96  |
| 40) Benzene                  | 8.618 | 78  | 419091 | 19.063  | ug/l   | 100 |

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 Sample : VN0711WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

Quant Time: Jul 12 01:33:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 65404    | 20.740  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 152158   | 20.348  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.700  | 43   | 208813   | 20.503  | ug/l   | 94       |
| 44) Trichloroethene           | 9.359  | 130  | 108968   | 18.391  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 111712   | 20.063  | ug/l   | 98       |
| 46) Dibromomethane            | 9.712  | 93   | 80717    | 20.597  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.894  | 83   | 152457   | 19.407  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.688  | 41   | 90940    | 19.274  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 39492    | 383.799 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 616533   | 101.775 | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 266412   | 19.553  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 162267   | 20.163  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 171462   | 19.987  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 106977   | 19.928  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 147311   | 19.630  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.170 | 76   | 186064   | 20.385  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 265366   | 99.228  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.200 | 43   | 428914   | 99.624  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.365 | 129  | 120452   | 20.324  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 113051   | 20.443  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 94962    | 18.657  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.900 | 112  | 278514   | 18.404  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 111063   | 19.078  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.970 | 91   | 465523   | 18.199  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 359390   | 38.000  | ug/l   | 99       |
| 69) o-Xylene                  | 12.406 | 106  | 175328   | 18.354  | ug/l   | 97       |
| 70) Styrene                   | 12.417 | 104  | 284907   | 19.064  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 78831    | 19.994  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 423677   | 16.991  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 151309   | 17.608  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 152552   | 20.049  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 122480m  | 19.095  | ug/l   |          |
| 77) Bromobenzene              | 12.988 | 156  | 104992   | 18.385  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 463055   | 17.364  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 305396   | 17.484  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 346491   | 17.587  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 47676    | 19.532  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 289092   | 17.742  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 287246   | 17.172  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 335428   | 17.528  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 356716   | 16.872  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 288155   | 16.973  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 168878   | 17.642  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 165860   | 17.202  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 203623   | 16.763  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 56971    | 17.731  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 166331   | 17.460  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729 | 75   | 22765    | 17.835  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 44090    | 14.502  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 29029    | 15.609  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 138807   | 13.355  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 55514    | 15.879  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071123\  
Data File : VN078462.D  
Acq On : 11 Jul 2023 14:00  
Operator : JC\MD  
Sample : VN0711WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

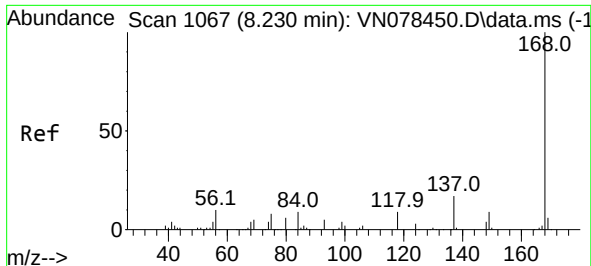
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

Quant Time: Jul 12 01:33:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 10 16:13:53 2023  
Response via : Initial Calibration

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

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

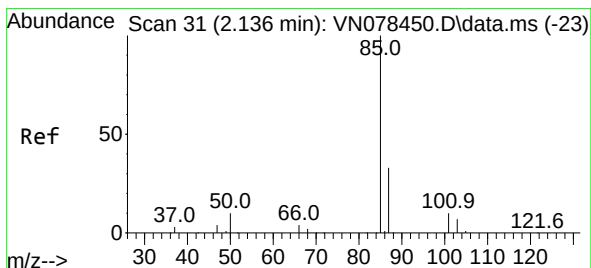
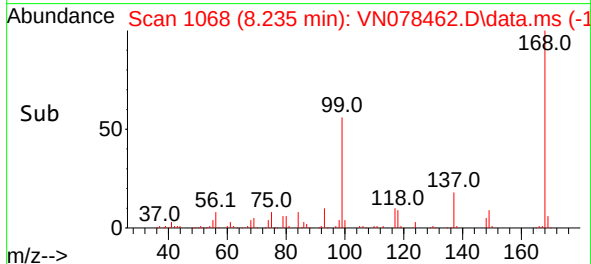
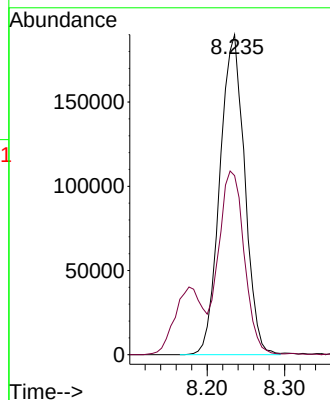
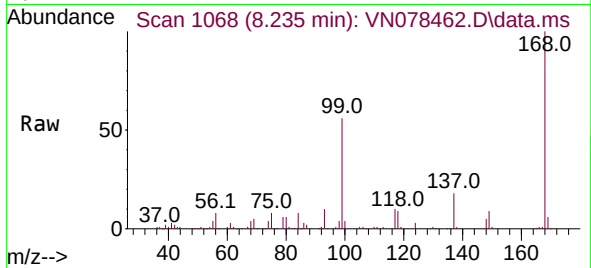




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1067  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

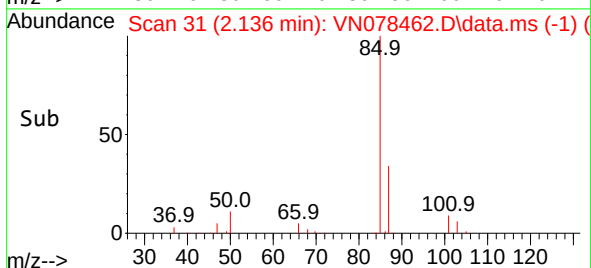
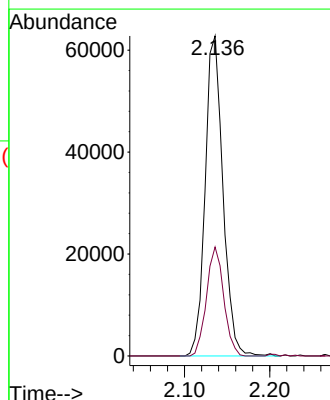
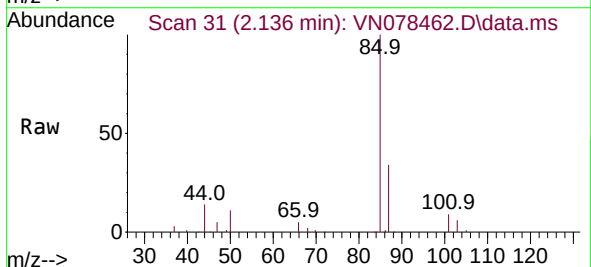
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

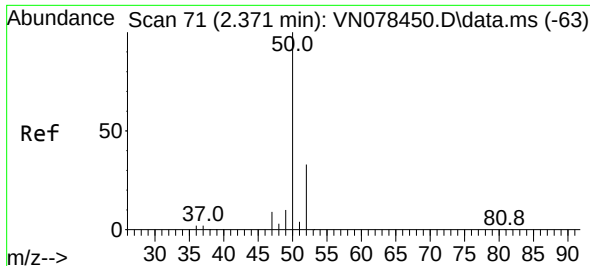
Tgt Ion:168 Resp: 422349  
Ion Ratio Lower Upper  
168 100  
99 55.7 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 17.563 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 85 Resp: 90944  
Ion Ratio Lower Upper  
85 100  
87 34.1 15.8 47.4

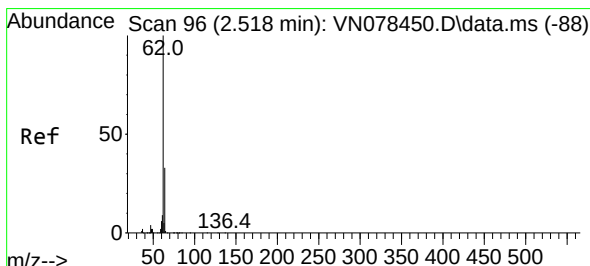
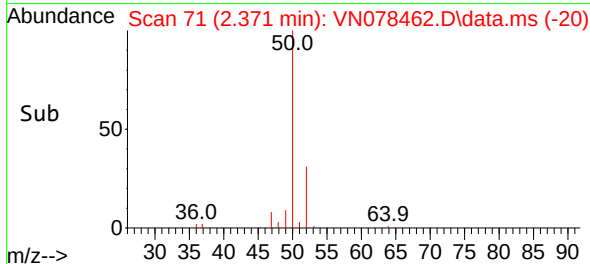
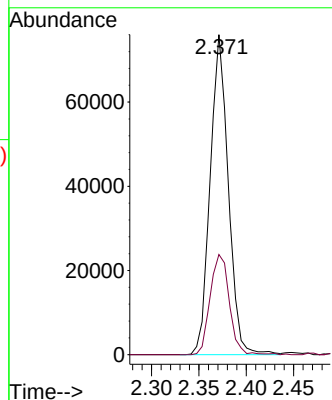
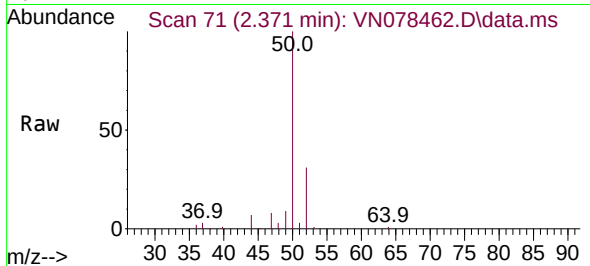




#3  
Chloromethane  
Concen: 17.963 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

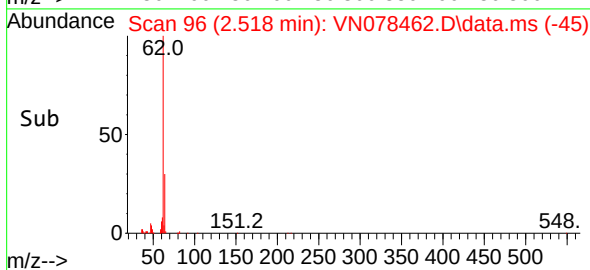
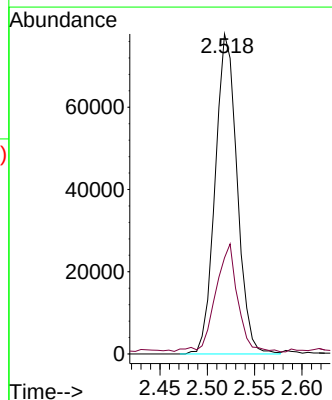
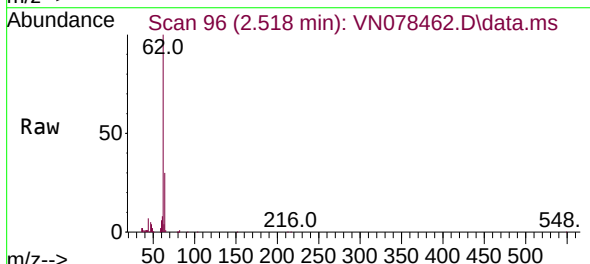
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

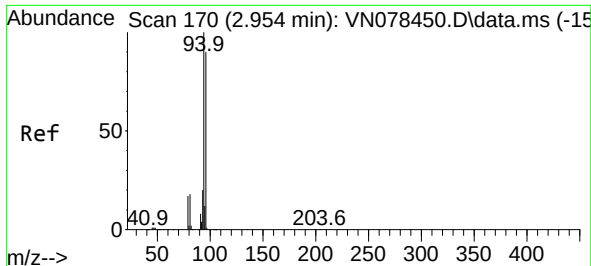
Tgt Ion: 50 Resp: 101098  
Ion Ratio Lower Upper  
50 100  
52 31.3 26.5 39.7



#4  
Vinyl Chloride  
Concen: 17.226 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 62 Resp: 125417  
Ion Ratio Lower Upper  
62 100  
64 29.3 26.2 39.2

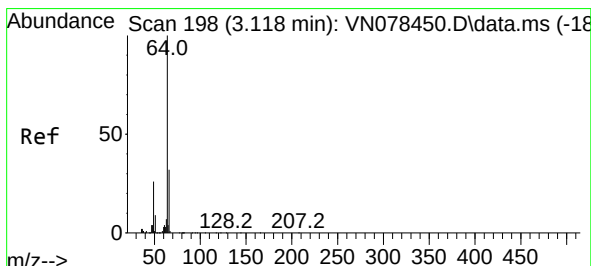
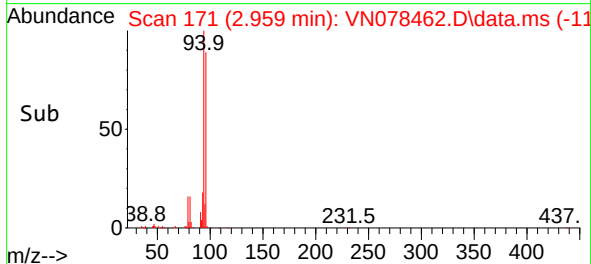
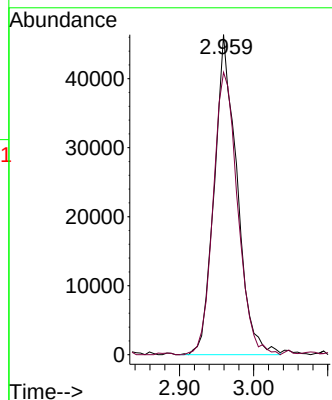
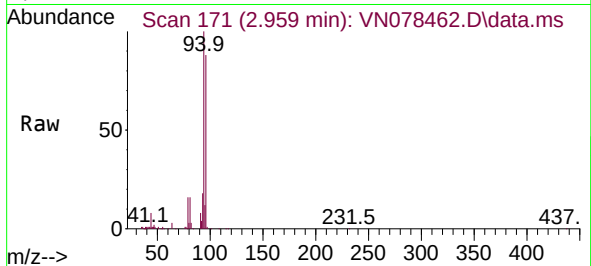




#5  
Bromomethane  
Concen: 18.244 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

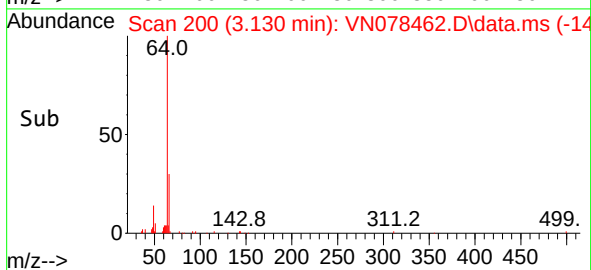
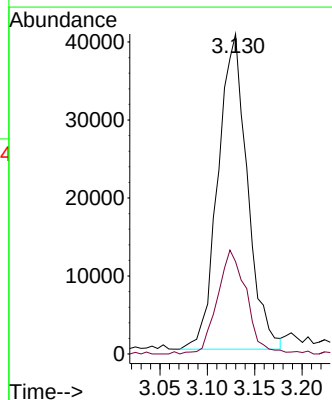
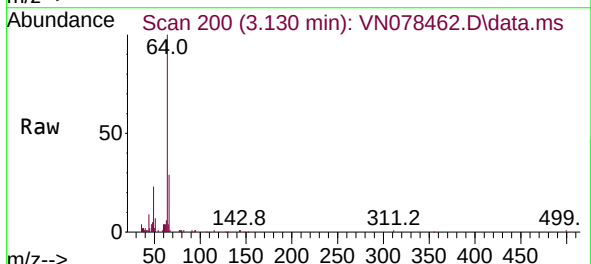
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

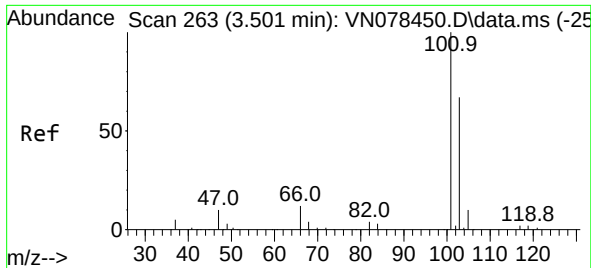
Tgt Ion: 94 Resp: 98559  
Ion Ratio Lower Upper  
94 100  
96 88.2 73.1 109.7



#6  
Chloroethane  
Concen: 18.617 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.012 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 64 Resp: 87304  
Ion Ratio Lower Upper  
64 100  
66 29.3 25.4 38.2

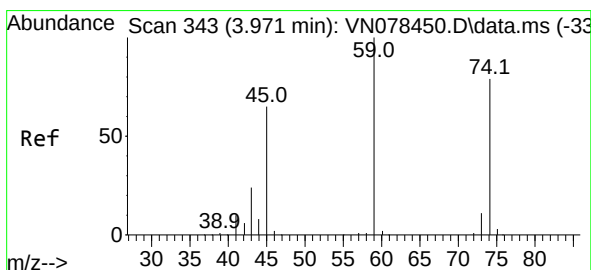
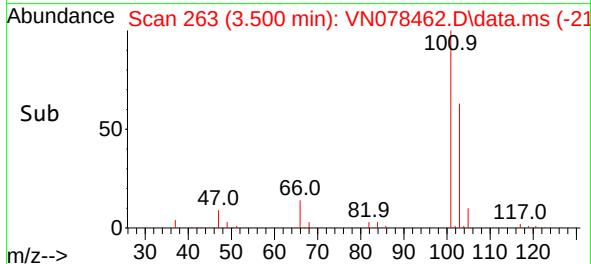
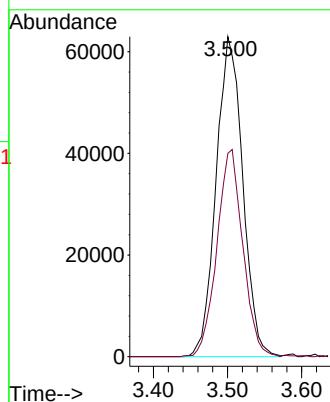
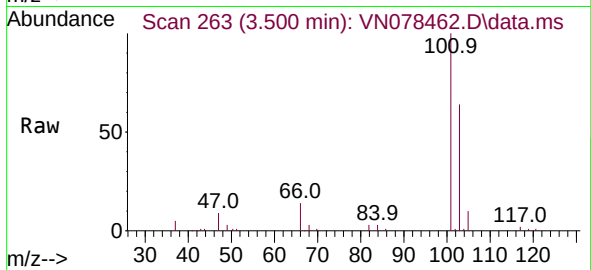




#7  
 Trichlorofluoromethane  
 Concen: 18.026 ug/l  
 RT: 3.500 min Scan# 210  
 Delta R.T. -0.001 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

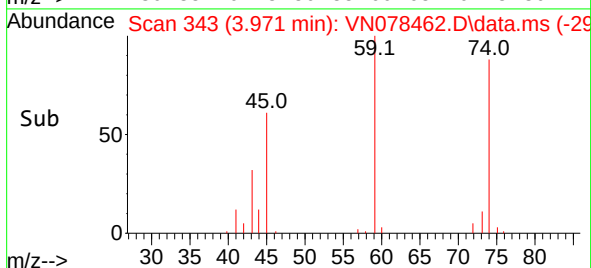
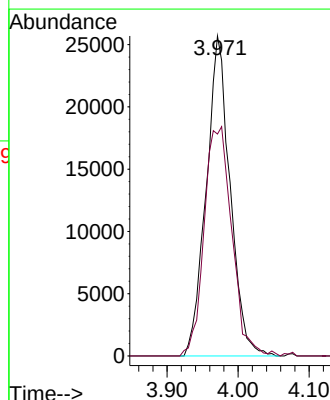
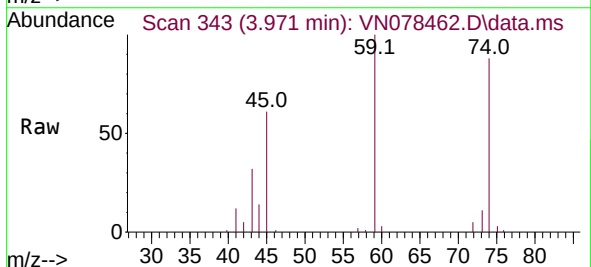
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

Tgt Ion:101 Resp: 156882  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 50.7 76.1

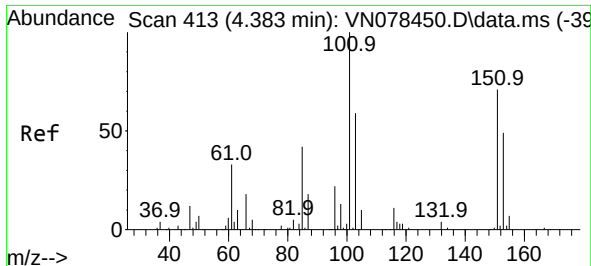


#8  
 Diethyl Ether  
 Concen: 20.711 ug/l  
 RT: 3.971 min Scan# 343  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion: 74 Resp: 60055  
 Ion Ratio Lower Upper  
 74 100  
 45 82.8 34.4 103.3



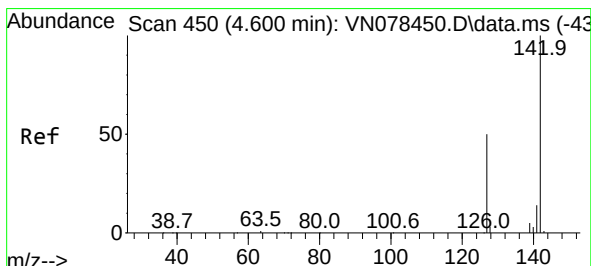
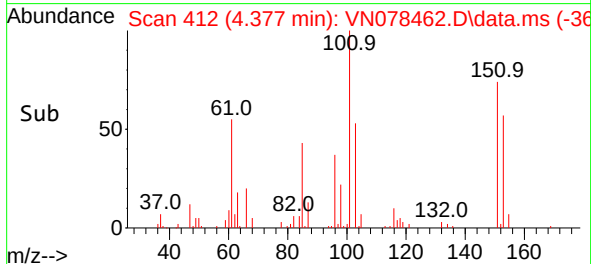
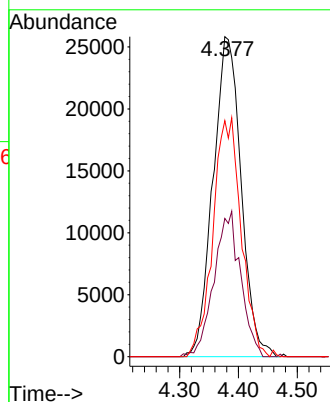
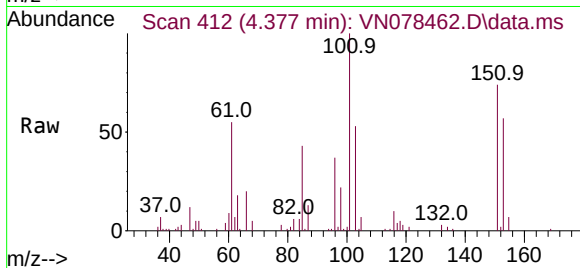




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.592 ug/l  
RT: 4.377 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

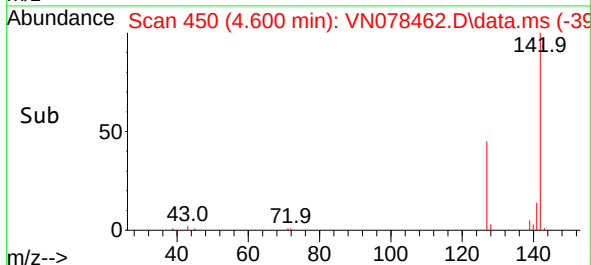
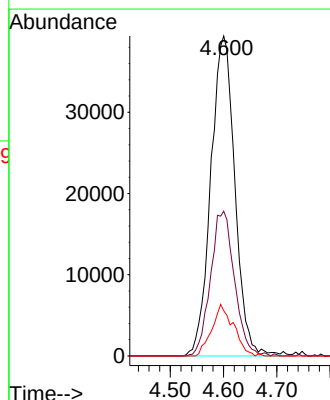
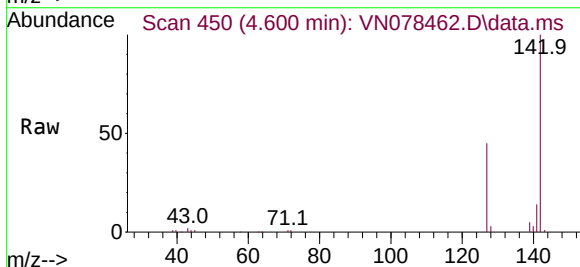
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MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

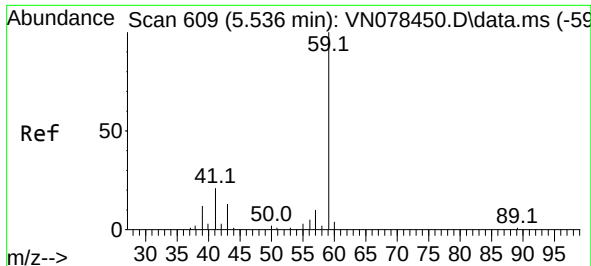
Tgt Ion:101 Resp: 85658  
Ion Ratio Lower Upper  
101 100  
85 43.0 36.6 55.0  
151 74.9 57.6 86.4



#10  
Methyl Iodide  
Concen: 19.502 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:142 Resp: 123463  
Ion Ratio Lower Upper  
142 100  
127 45.2 37.6 56.4  
141 14.2 11.4 17.0

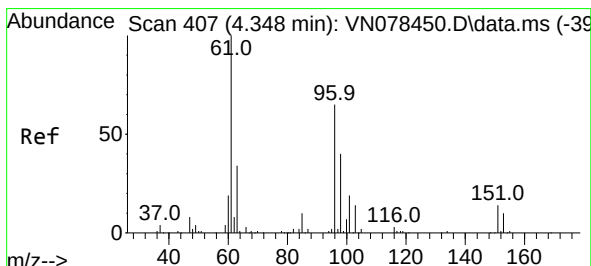
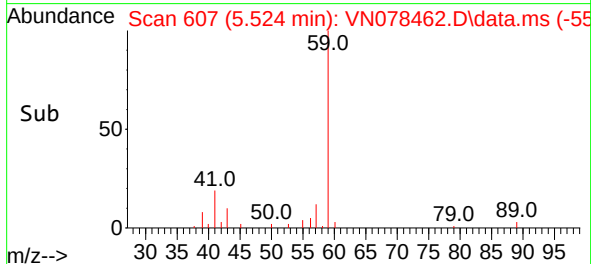
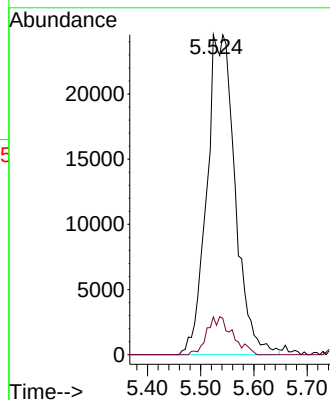
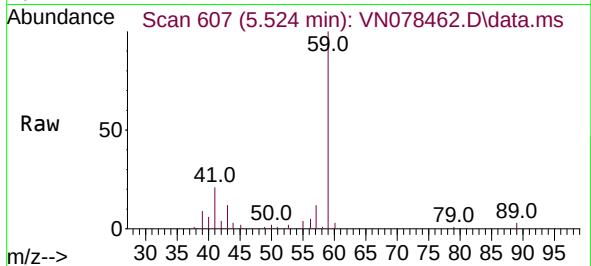




#11  
Tert butyl alcohol  
Concen: 104.201 ug/l m  
RT: 5.524 min Scan# 609  
Delta R.T. -0.012 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

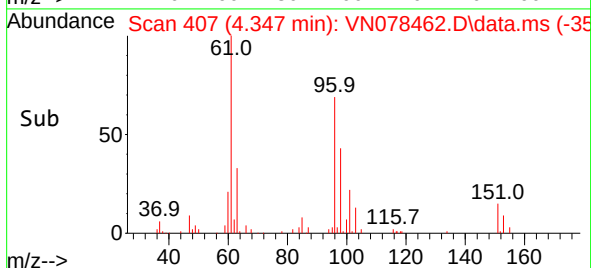
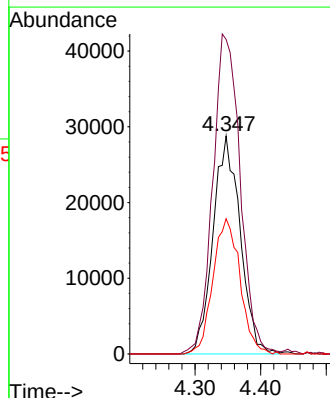
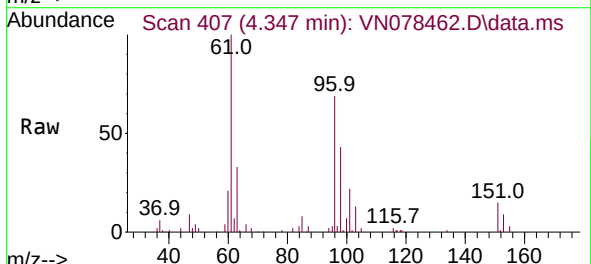
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

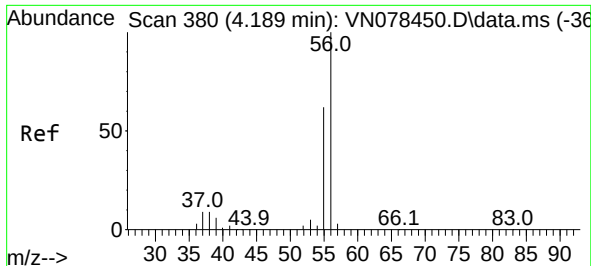
Tgt Ion: 59 Resp: 90978  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 18.534 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 96 Resp: 82597  
Ion Ratio Lower Upper  
96 100  
61 144.4 112.7 169.1  
98 62.1 51.2 76.8

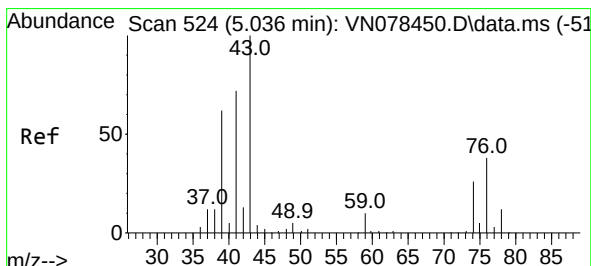
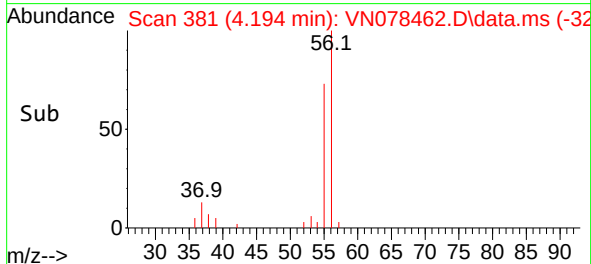
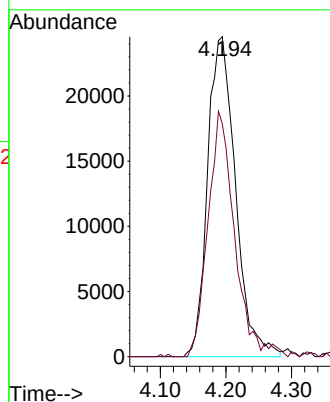
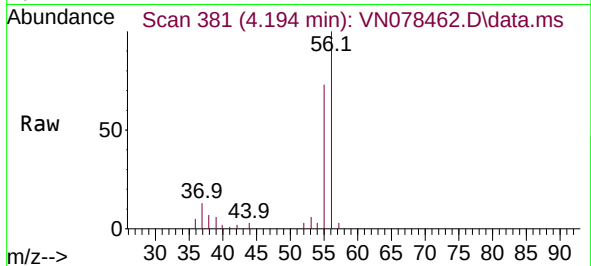




#13  
Acrolein  
Concen: 84.476 ug/l  
RT: 4.194 min Scan# 380  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

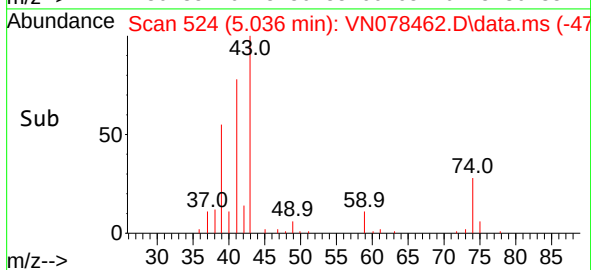
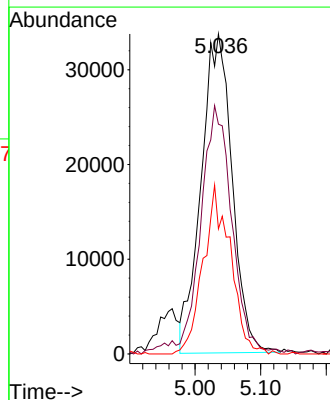
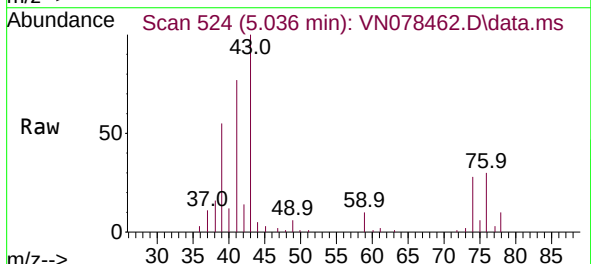
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

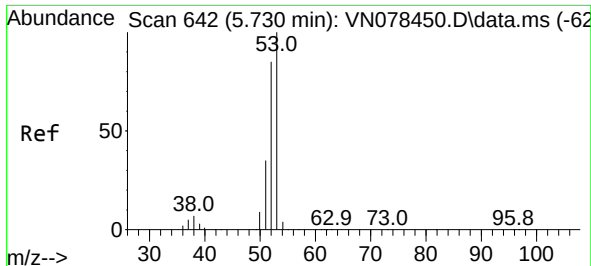
Tgt Ion: 56 Resp: 72566  
Ion Ratio Lower Upper  
56 100  
55 71.7 54.5 81.7



#14  
Allyl chloride  
Concen: 18.235 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 41 Resp: 111041  
Ion Ratio Lower Upper  
41 100  
39 78.9 58.8 88.2  
76 46.6 39.1 58.7

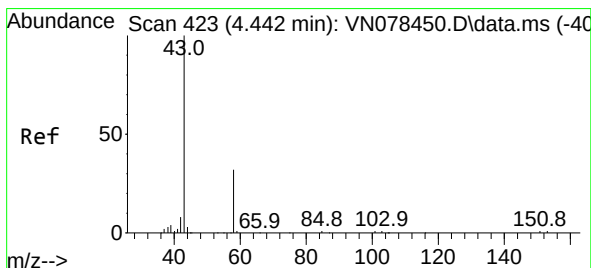
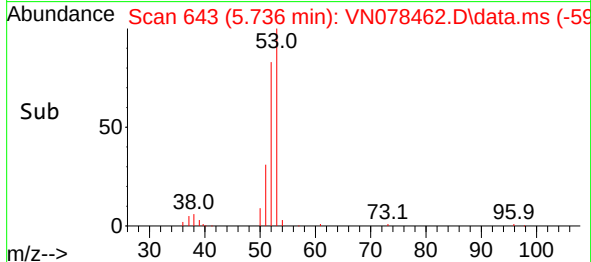
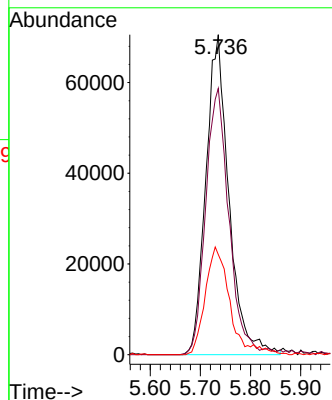
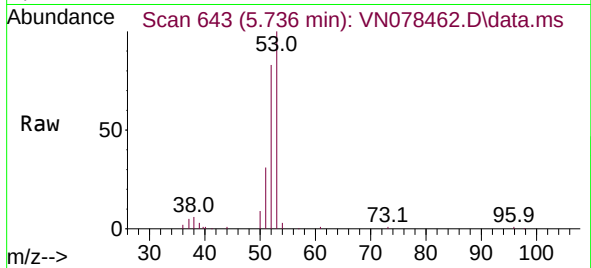




#15  
Acrylonitrile  
Concen: 102.233 ug/l  
RT: 5.736 min Scan# 642  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

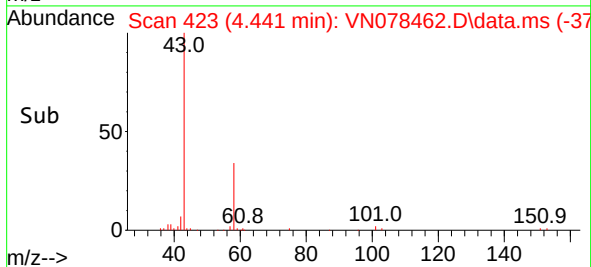
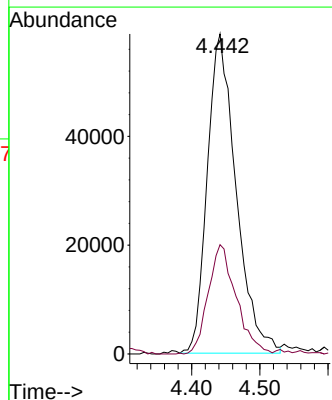
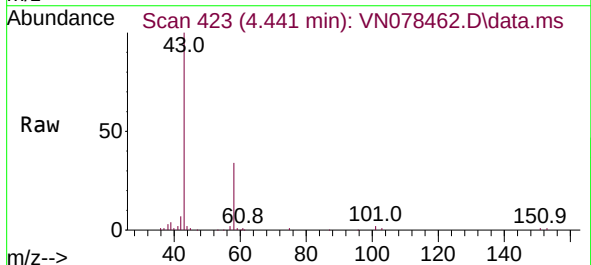
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

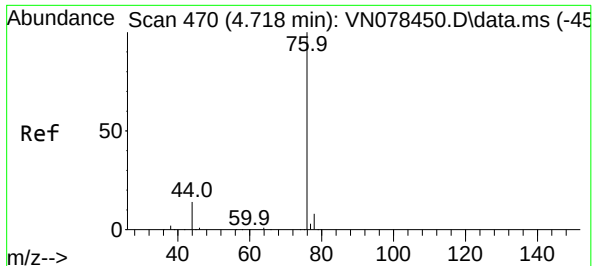
Tgt Ion: 53 Resp: 225525  
Ion Ratio Lower Upper  
53 100  
52 83.3 65.3 97.9  
51 35.9 28.9 43.3



#16  
Acetone  
Concen: 97.794 ug/l  
RT: 4.441 min Scan# 423  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 43 Resp: 172482  
Ion Ratio Lower Upper  
43 100  
58 33.9 28.0 42.0

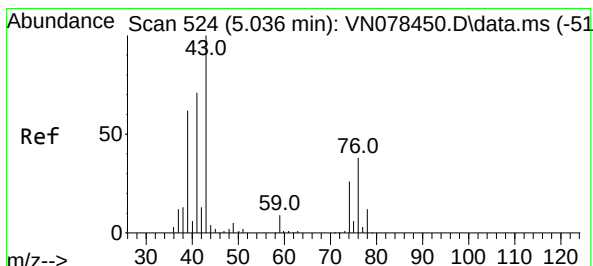
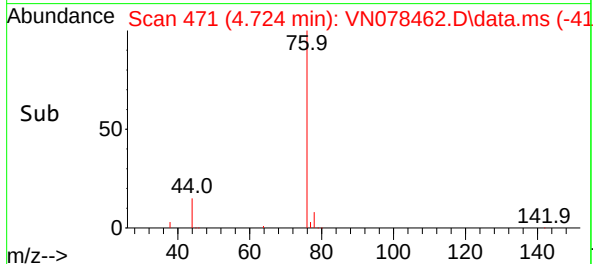
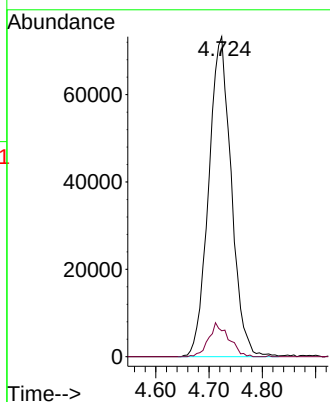
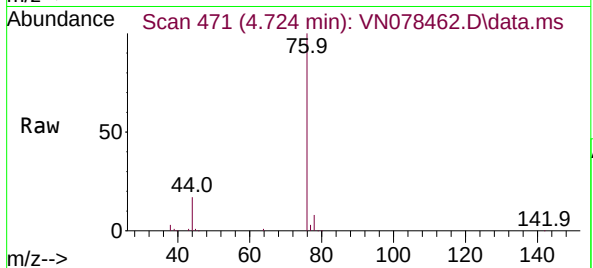




#17  
Carbon Disulfide  
Concen: 16.777 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

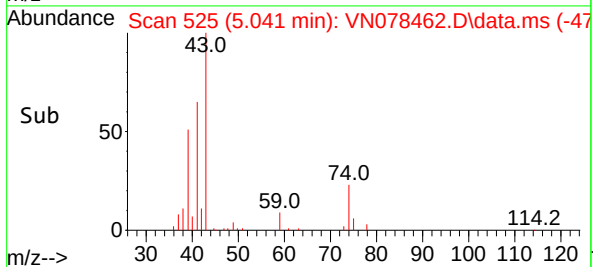
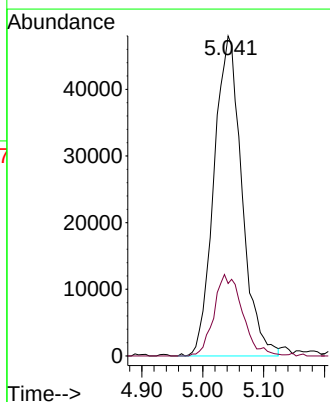
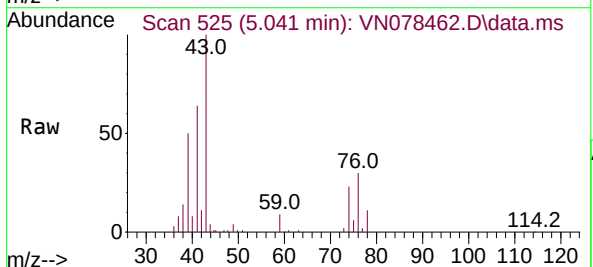
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

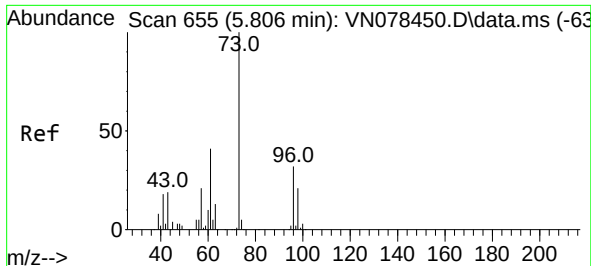
Tgt Ion: 76 Resp: 216198  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.456 ug/l  
RT: 5.041 min Scan# 525  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 43 Resp: 152732  
Ion Ratio Lower Upper  
43 100  
74 26.0 26.2 39.4#

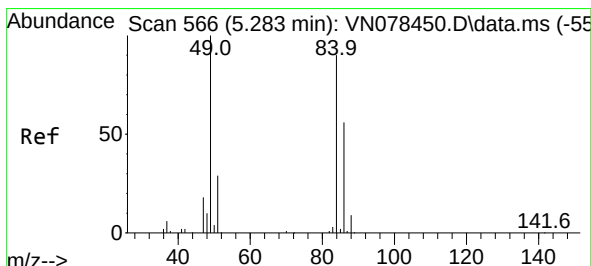
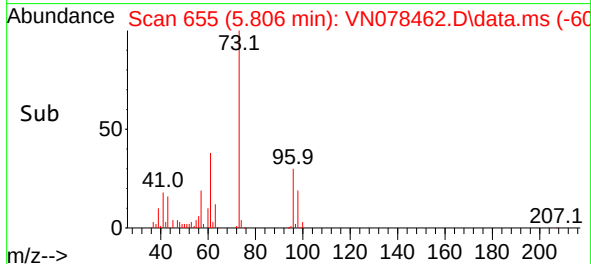
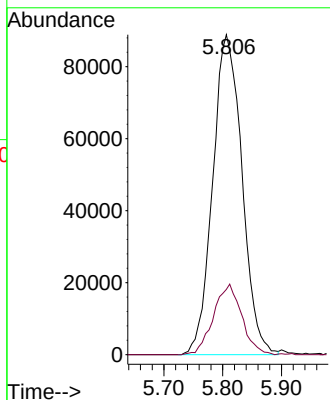
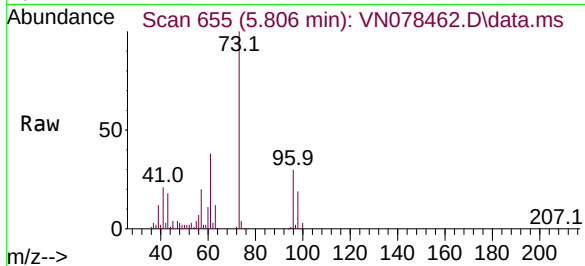




#19  
Methyl tert-butyl Ether  
Concen: 20.949 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

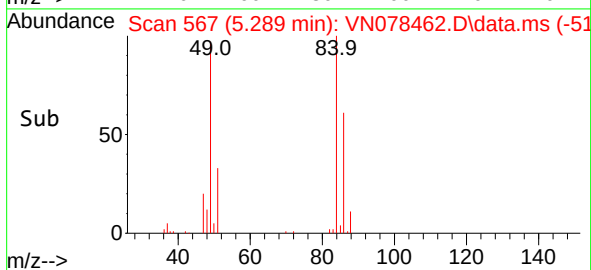
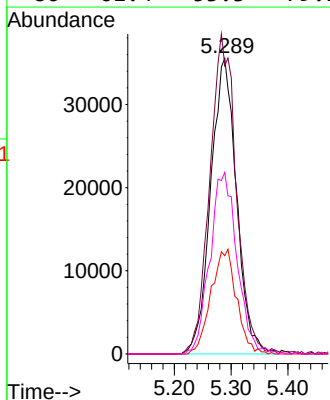
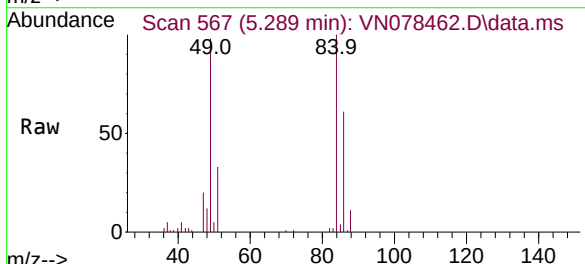
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

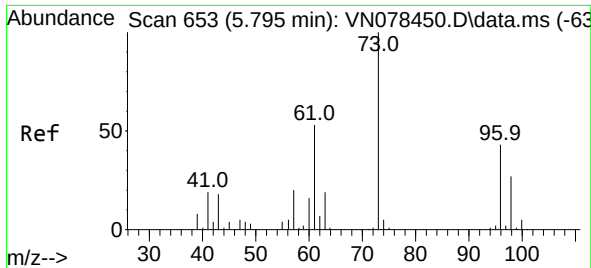
Tgt Ion: 73 Resp: 307607  
Ion Ratio Lower Upper  
73 100  
57 20.4 15.6 23.4



#20  
Methylene Chloride  
Concen: 21.481 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 84 Resp: 112204  
Ion Ratio Lower Upper  
84 100  
49 97.5 79.7 119.5  
51 33.2 25.2 37.8  
86 61.4 53.3 79.9

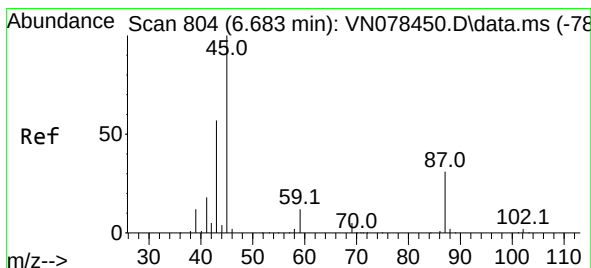
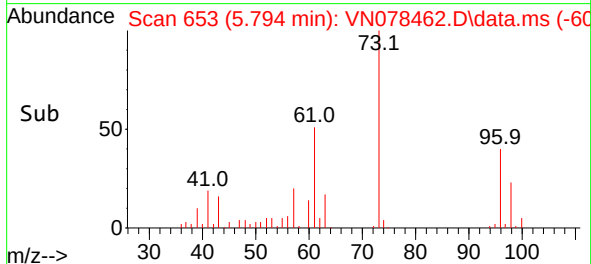
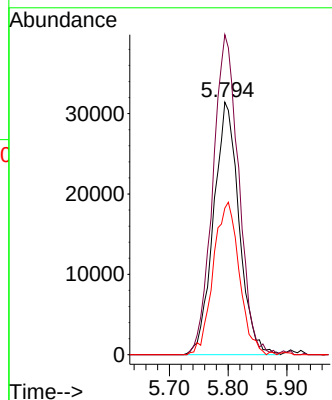
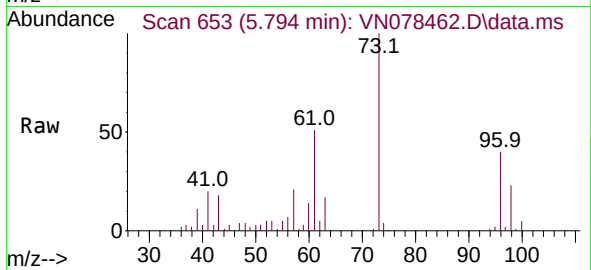




#21  
trans-1,2-Dichloroethene  
Concen: 18.852 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

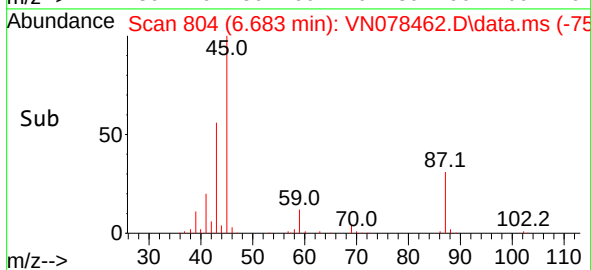
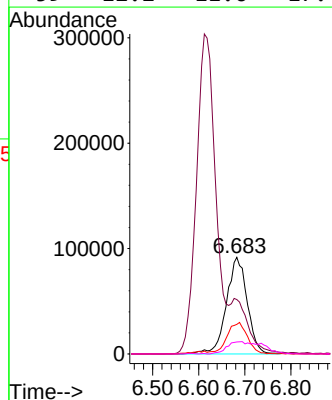
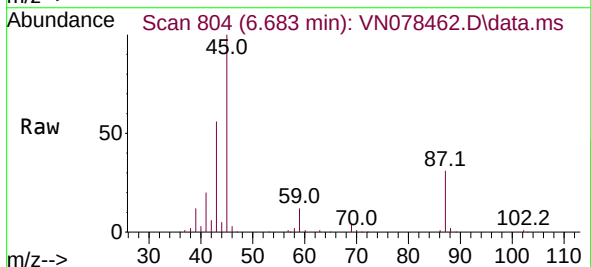
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

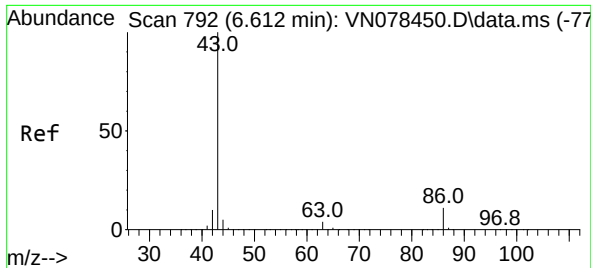
Tgt Ion: 96 Resp: 94676  
Ion Ratio Lower Upper  
96 100  
61 126.8 90.1 135.1  
98 58.0 46.4 69.6



#22  
Diisopropyl ether  
Concen: 21.048 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 45 Resp: 286998  
Ion Ratio Lower Upper  
45 100  
43 54.8 45.5 68.3  
87 30.5 31.8 47.8#  
59 12.2 11.6 17.4

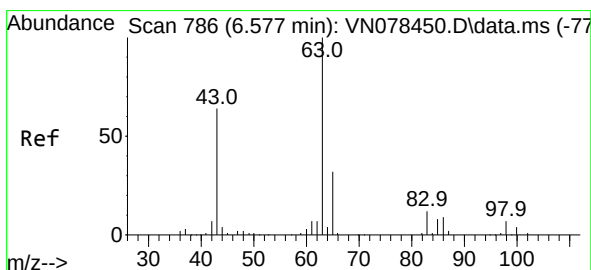
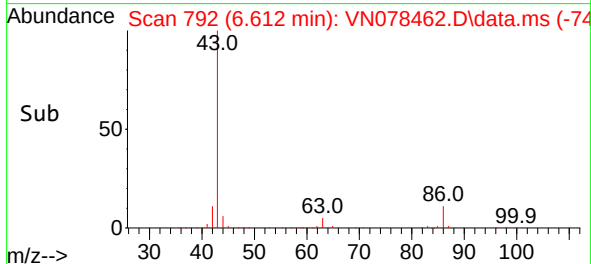
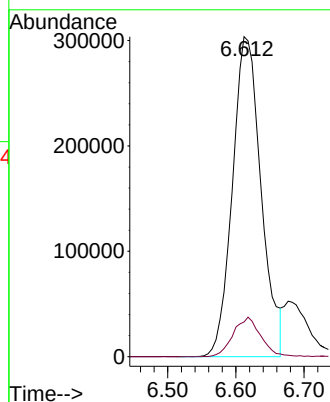
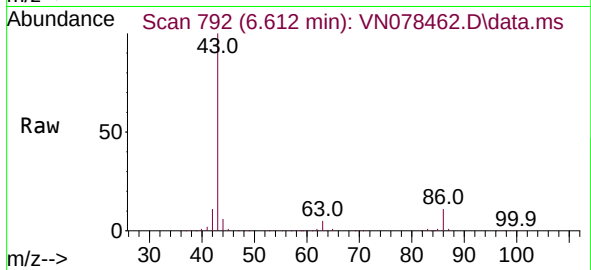




#23  
 Vinyl Acetate  
 Concen: 102.252 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

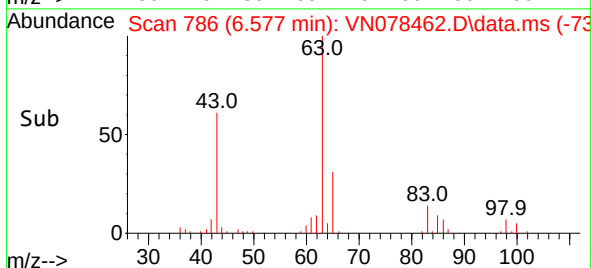
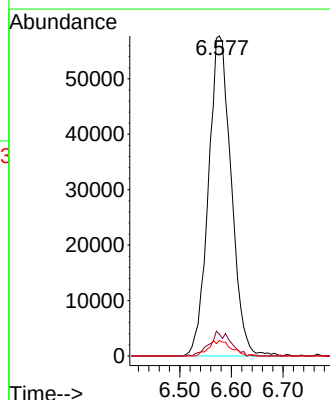
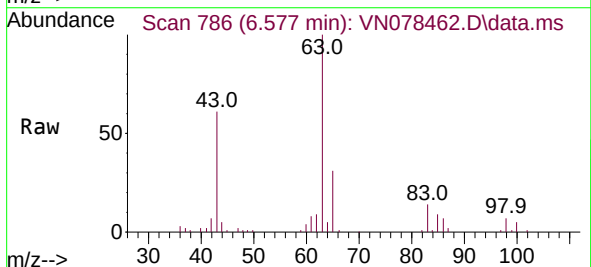
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

Tgt Ion: 43 Resp: 886381  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 13.0 19.6#

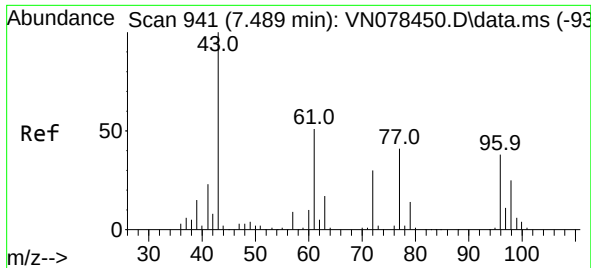


#24  
 1,1-Dichloroethane  
 Concen: 19.238 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion: 63 Resp: 176757  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.9 11.7  
 100 4.8 2.5 7.4



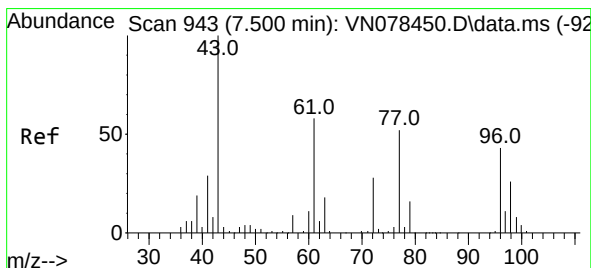
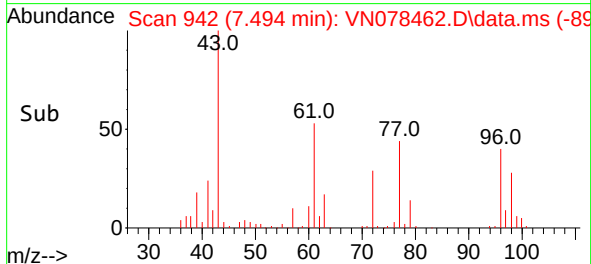
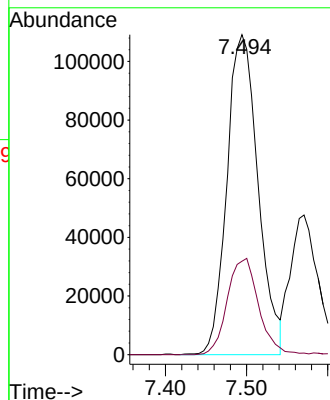
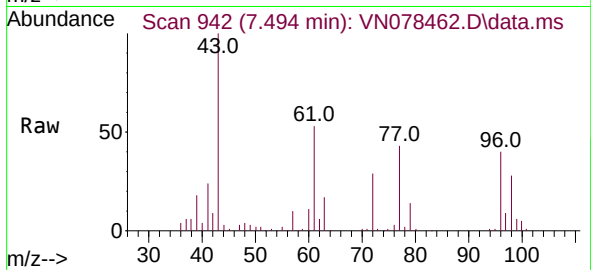




#25  
2-Butanone  
Concen: 105.062 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.005 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

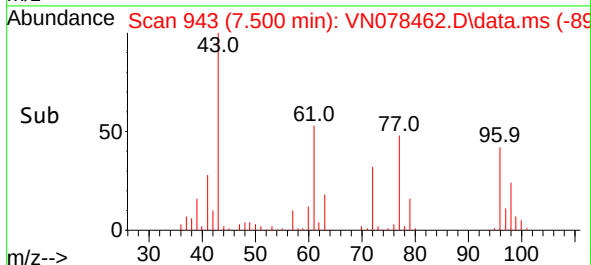
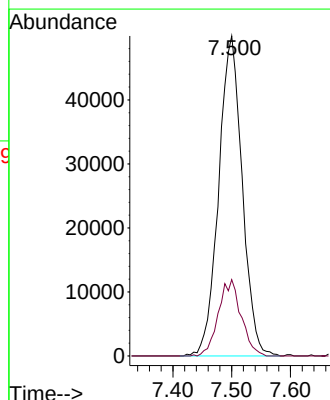
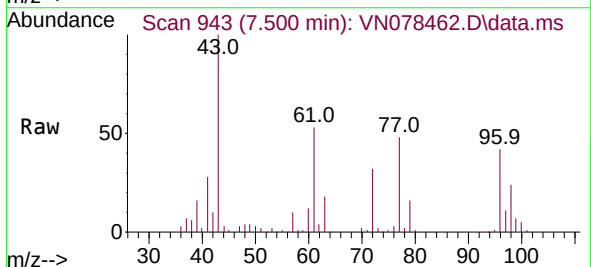
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

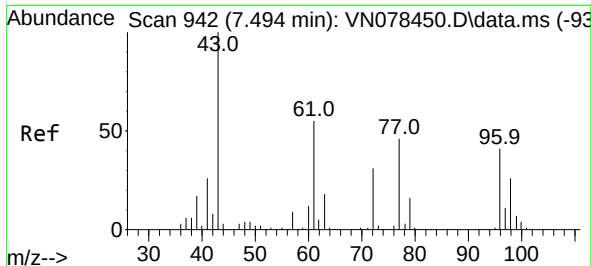
Tgt Ion: 43 Resp: 291687  
Ion Ratio Lower Upper  
43 100  
72 29.2 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 18.480 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 77 Resp: 138875  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.2 33.6

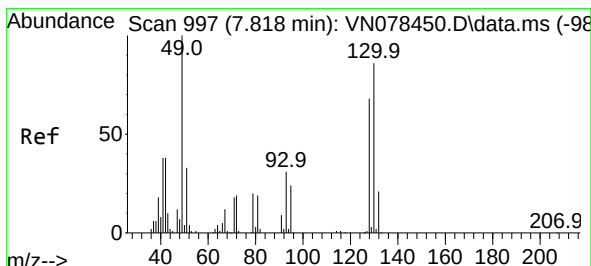
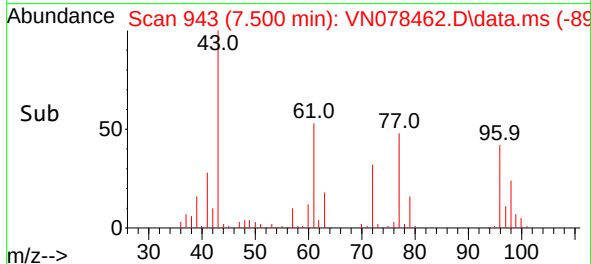
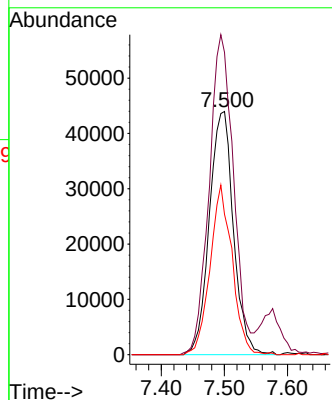
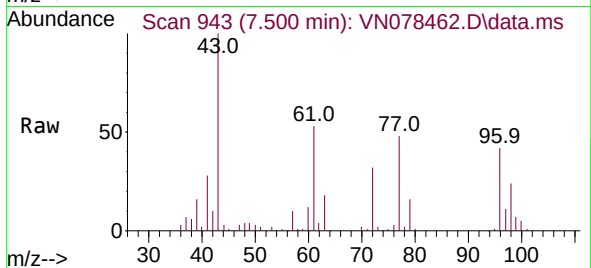




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.068 ug/l  
 RT: 7.500 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

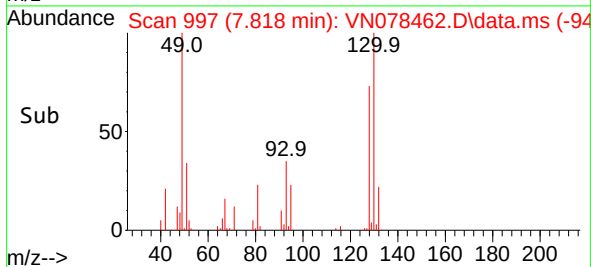
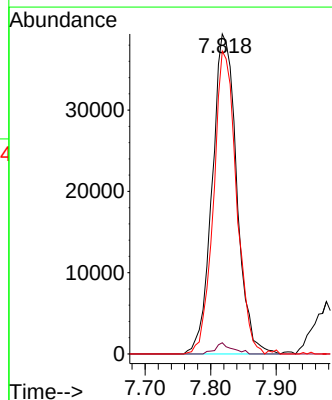
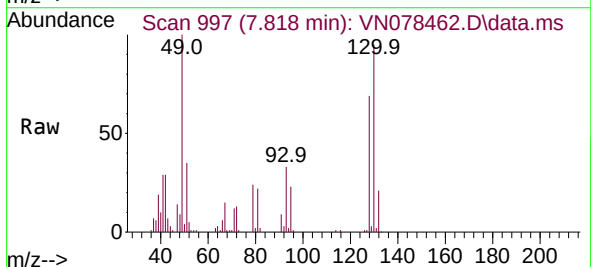
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

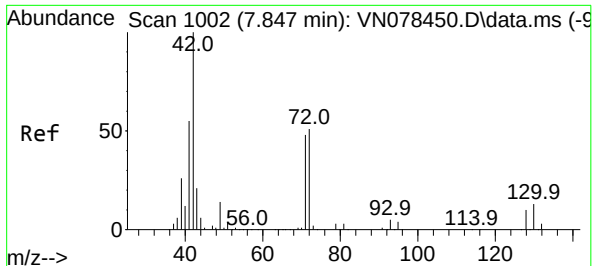
Tgt Ion: 96 Resp: 116584  
 Ion Ratio Lower Upper  
 96 100  
 61 132.0 0.0 255.2  
 98 63.7 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 23.589 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion: 49 Resp: 102085  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 4.8  
 130 88.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.036 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01

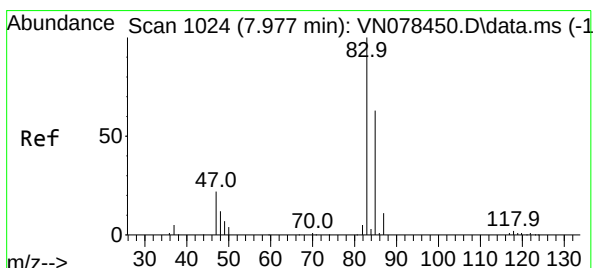
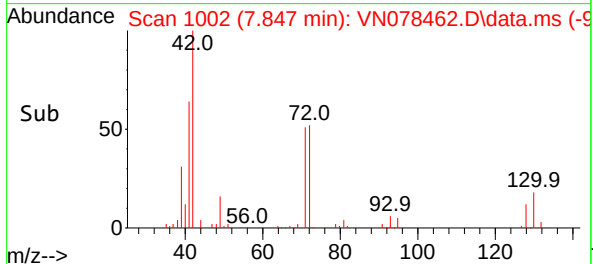
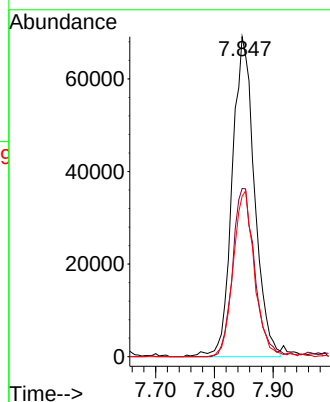
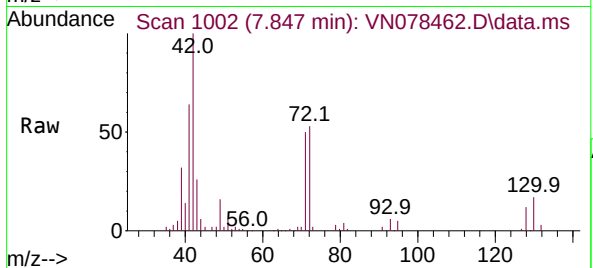
Tgt Ion: 42 Resp: 182240

Ion Ratio Lower Upper

42 100

72 51.9 49.8 74.6

71 49.2 47.4 71.2



#30

Chloroform

Concen: 20.536 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078462.D

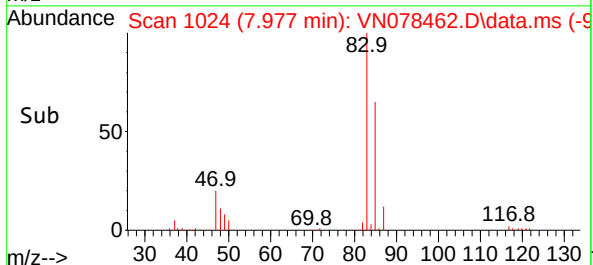
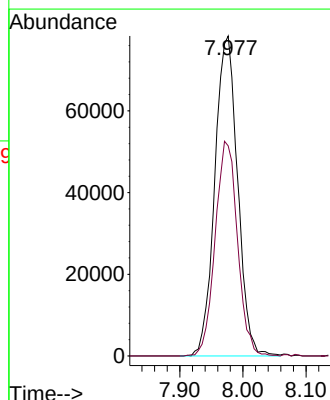
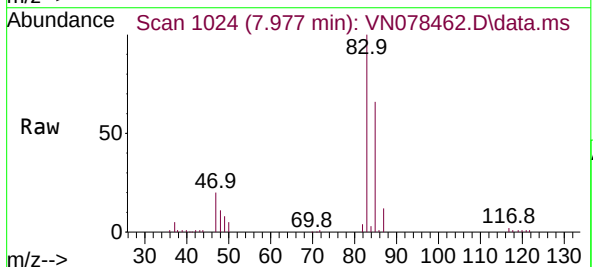
Acq: 11 Jul 2023 14:00

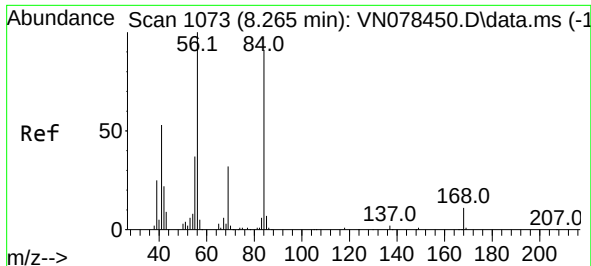
Tgt Ion: 83 Resp: 196438

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0

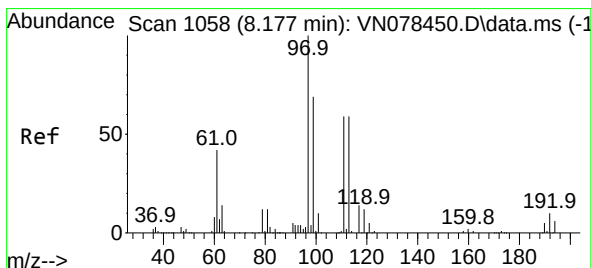
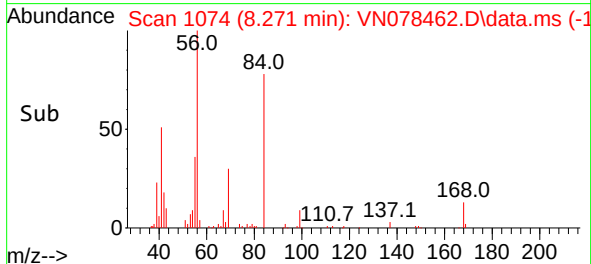
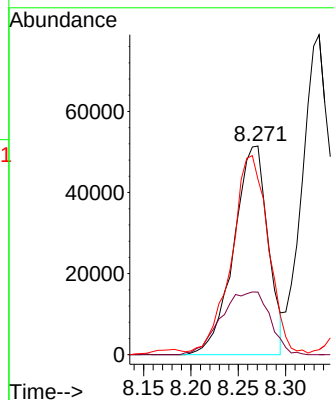
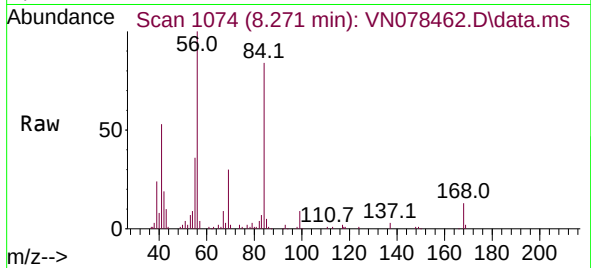




#31  
Cyclohexane  
Concen: 16.952 ug/l  
RT: 8.271 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

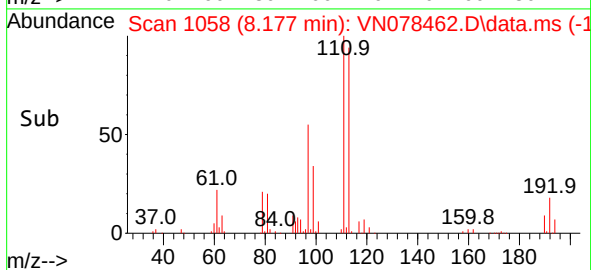
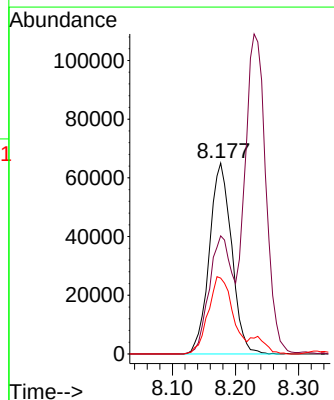
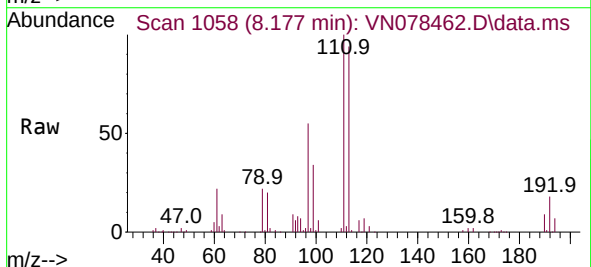
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

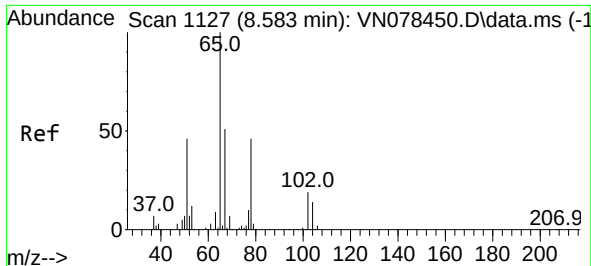
Tgt Ion: 56 Resp: 129715  
Ion Ratio Lower Upper  
56 100  
69 30.0 26.8 40.2  
84 82.2 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 18.574 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 97 Resp: 159298  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.3 75.5  
61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.318 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

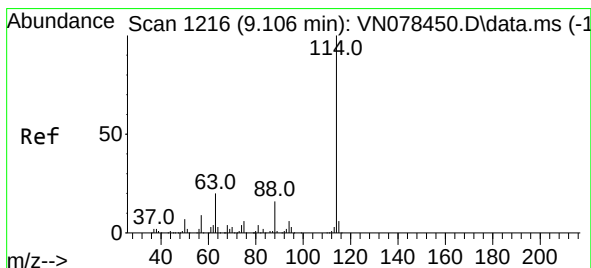
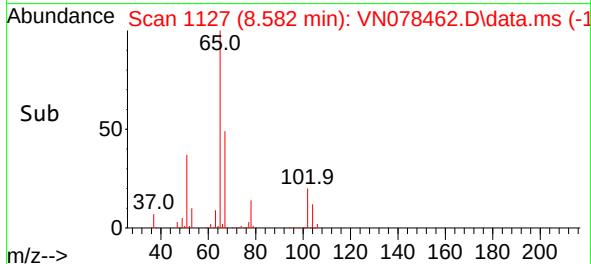
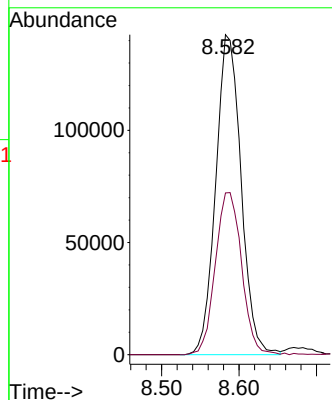
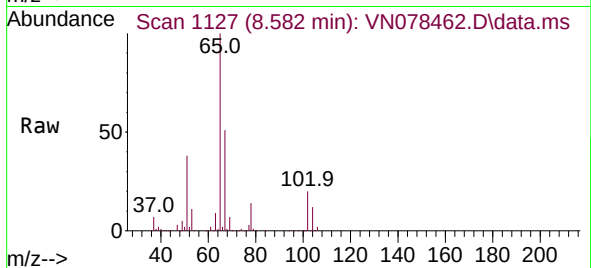
VN0711WBSD01

Tgt Ion: 65 Resp: 324535

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

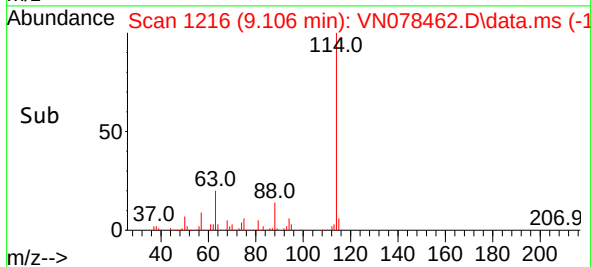
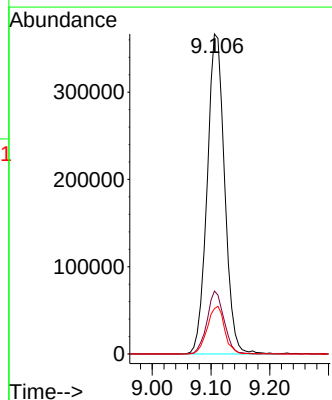
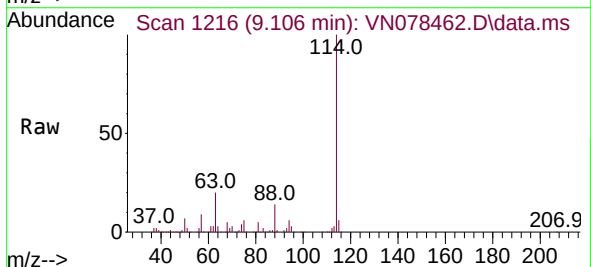
Tgt Ion: 114 Resp: 757072

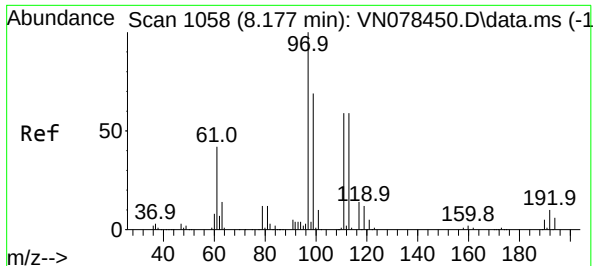
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.564 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01

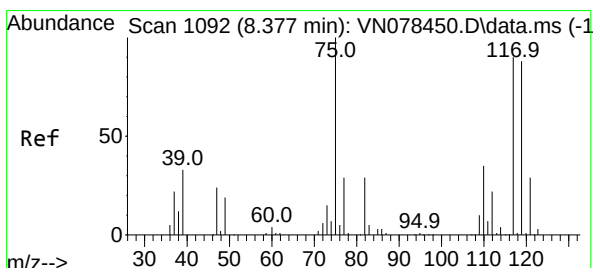
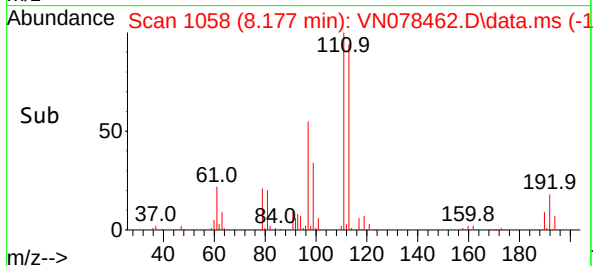
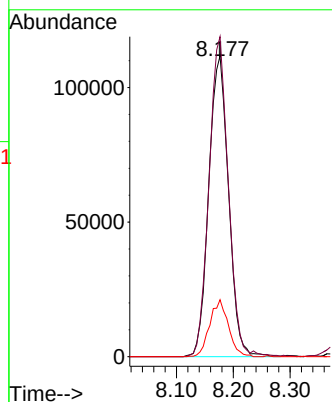
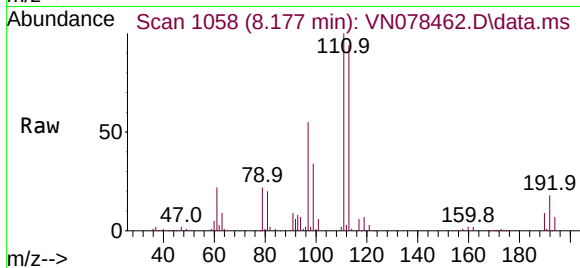
Tgt Ion:113 Resp: 270140

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.055 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

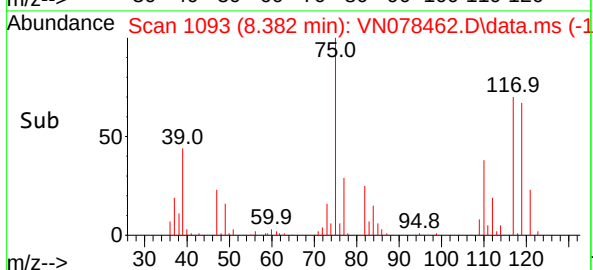
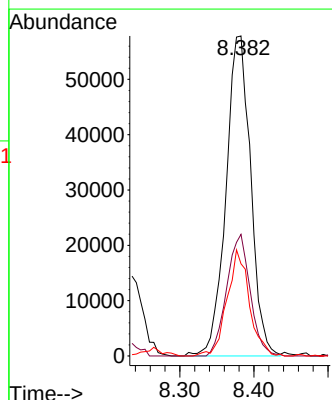
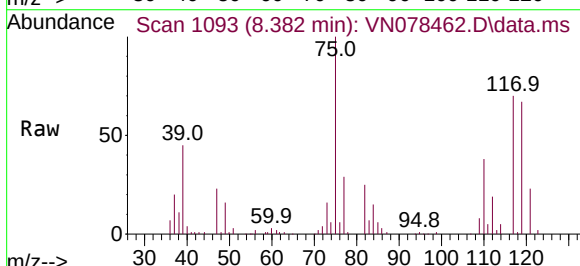
Tgt Ion: 75 Resp: 133980

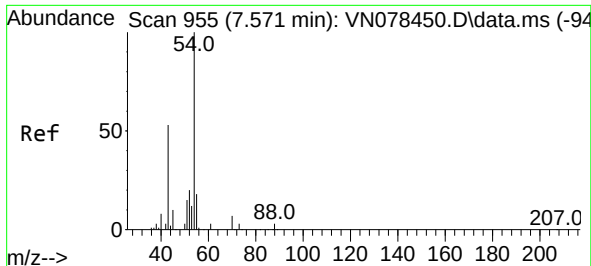
Ion Ratio Lower Upper

75 100

110 36.1 19.1 57.3

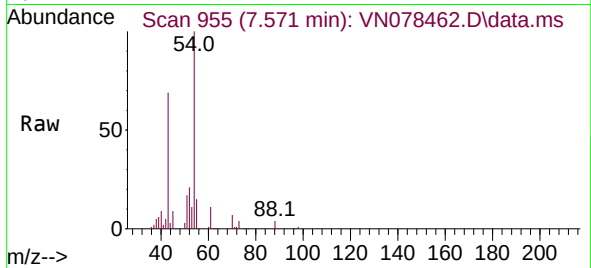
77 29.9 25.0 37.4





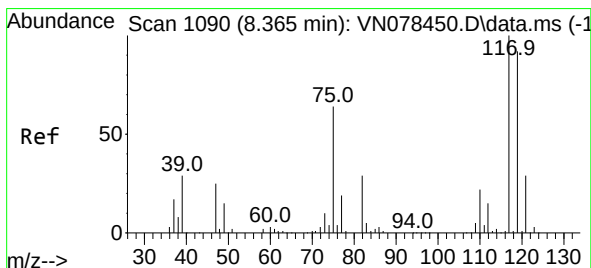
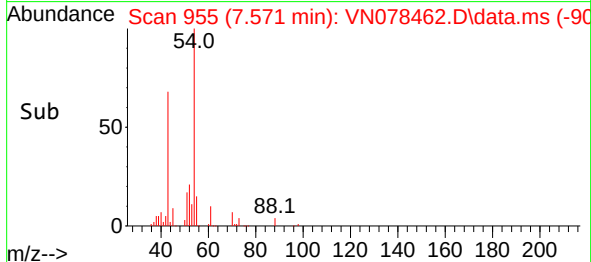
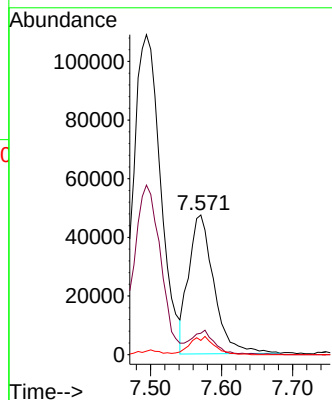
#37  
Ethyl Acetate  
Concen: 18.911 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01



Tgt Ion: 43 Resp: 116980

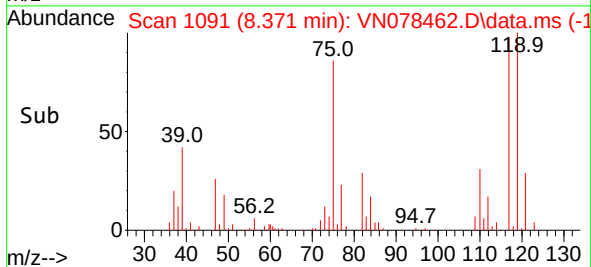
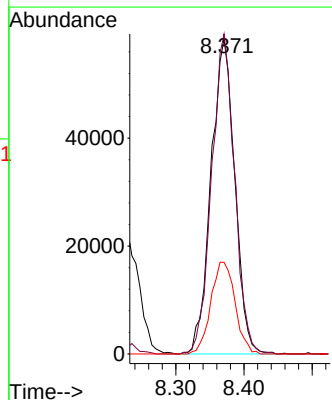
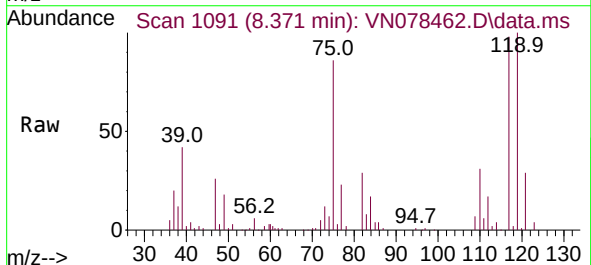
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.2  | 13.2  | 19.8  |
| 70  | 12.7  | 11.3  | 16.9  |

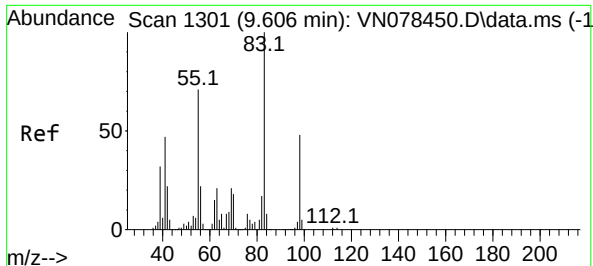


#38  
Carbon Tetrachloride  
Concen: 17.577 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 117 Resp: 141759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 101.6 | 77.3  | 115.9 |
| 121 | 29.1  | 23.3  | 34.9  |





#39

Methylcyclohexane

Concen: 16.982 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01

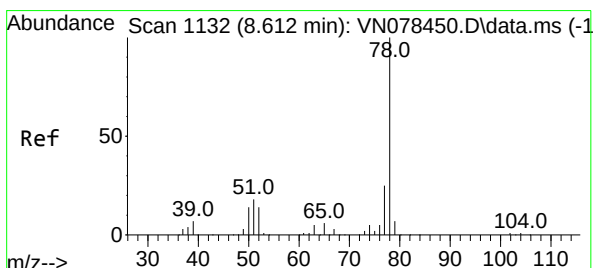
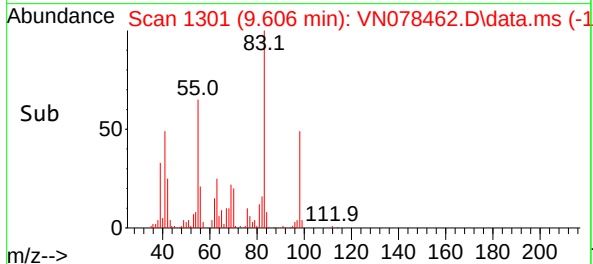
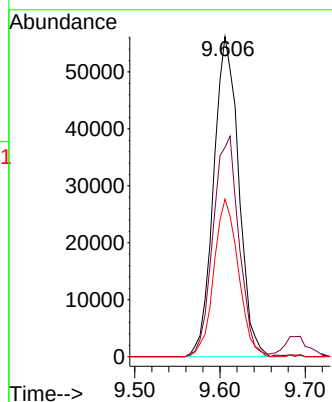
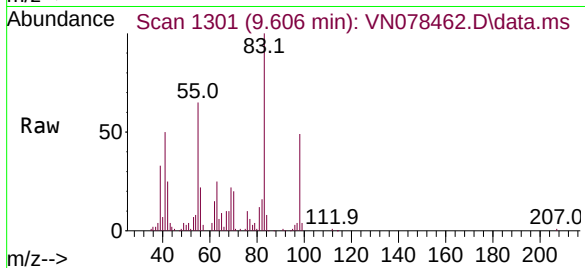
Tgt Ion: 83 Resp: 115029

Ion Ratio Lower Upper

83 100

55 65.4 49.1 73.7

98 49.2 40.6 61.0



#40

Benzene

Concen: 19.063 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN078462.D

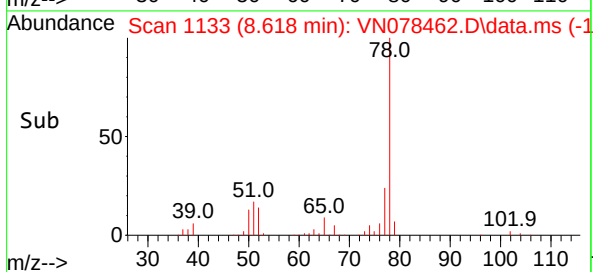
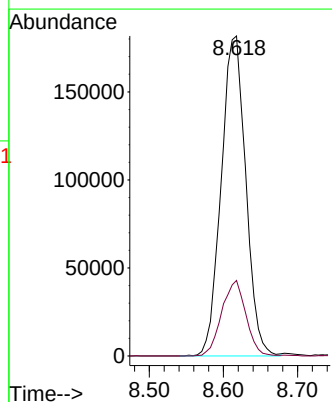
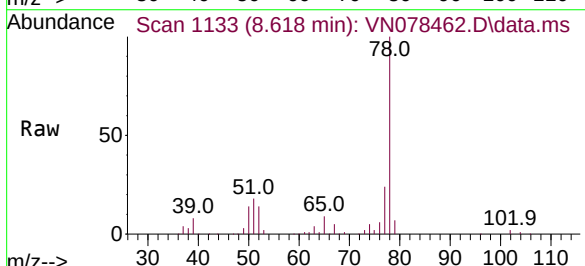
Acq: 11 Jul 2023 14:00

Tgt Ion: 78 Resp: 419091

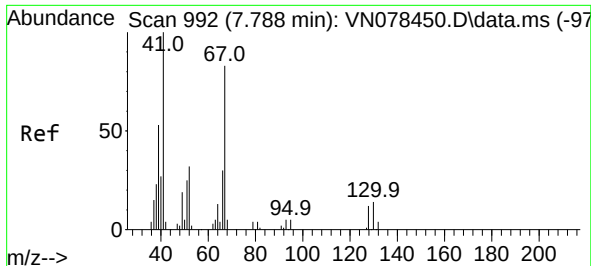
Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



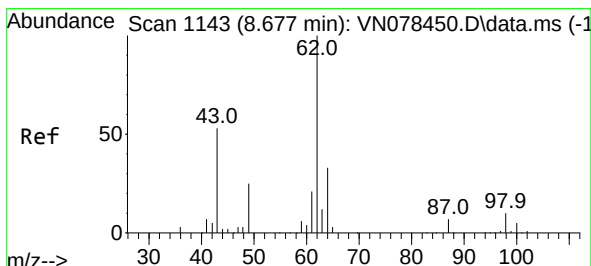
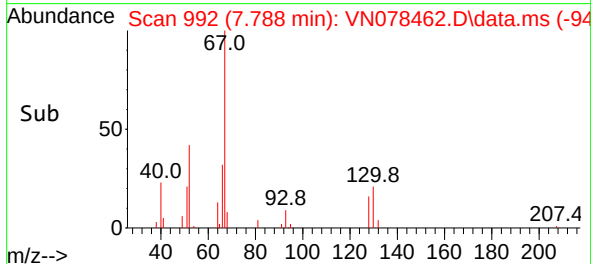
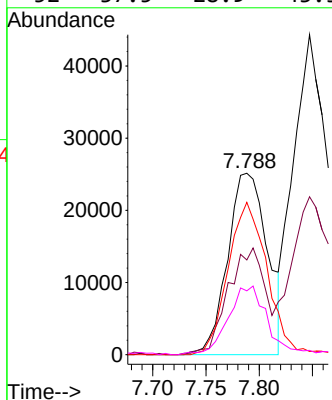
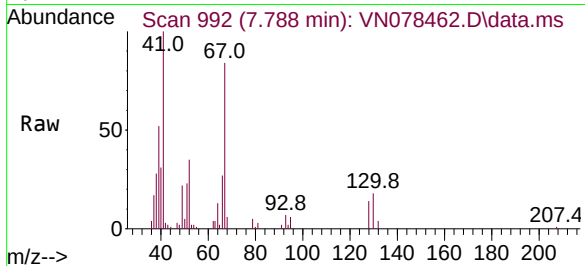




#41  
Methacrylonitrile  
Concen: 20.740 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

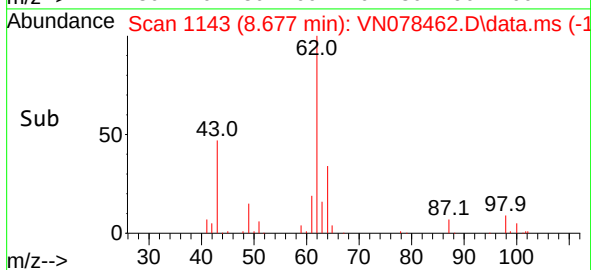
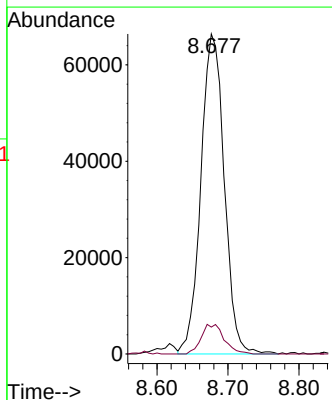
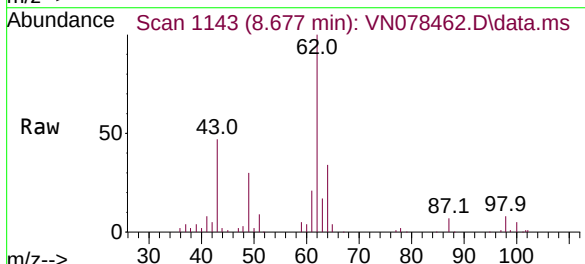
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

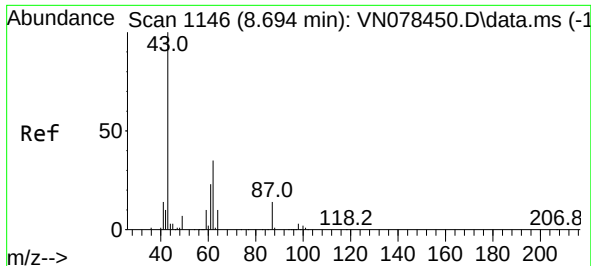
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65404 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.2  | 42.6  | 64.0  |
| 67       | 82.7  | 77.5  | 116.3 |
| 52       | 37.5  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 20.348 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 152158 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 19.8   |

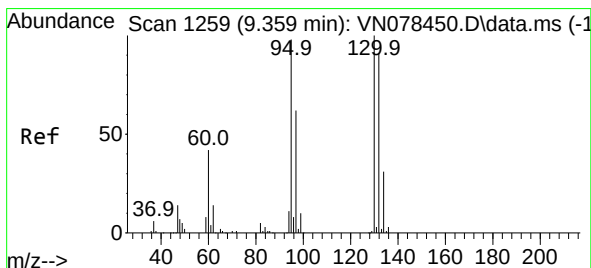
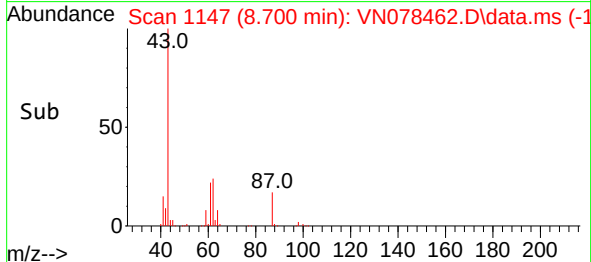
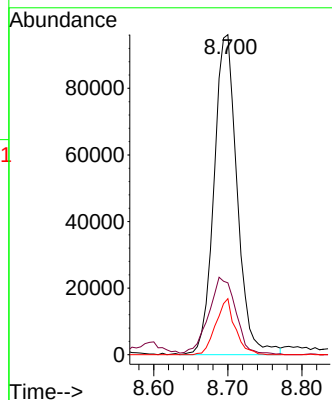
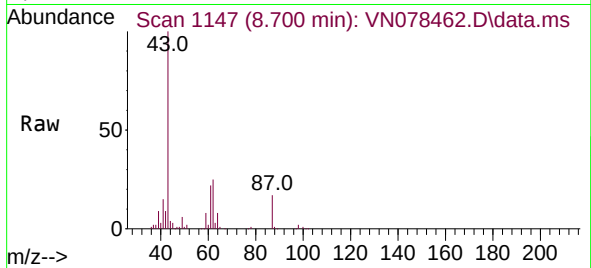




#43  
Isopropyl Acetate  
Concen: 20.503 ug/l  
RT: 8.700 min Scan# 1147  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

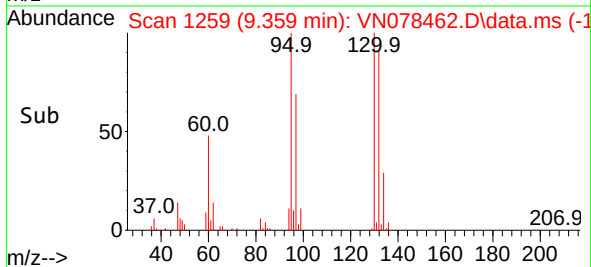
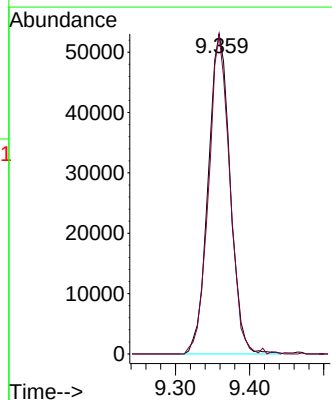
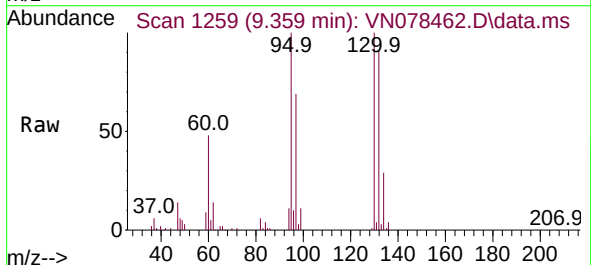
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

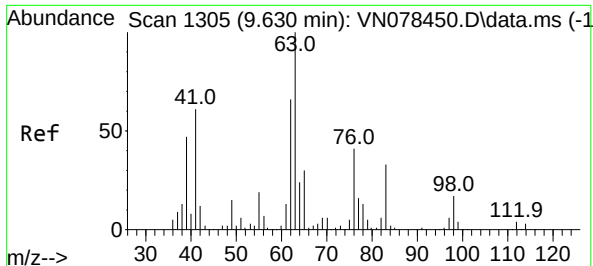
Tgt Ion: 43 Resp: 208813  
Ion Ratio Lower Upper  
43 100  
61 28.6 24.7 37.1  
87 14.6 14.6 21.8



#44  
Trichloroethene  
Concen: 18.391 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:130 Resp: 108968  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.063 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

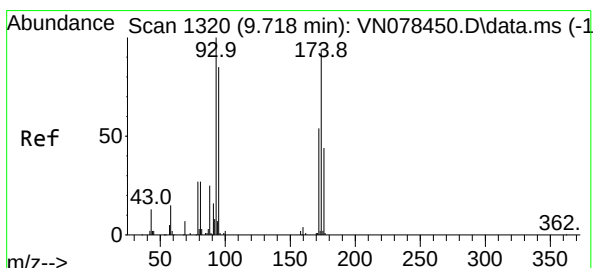
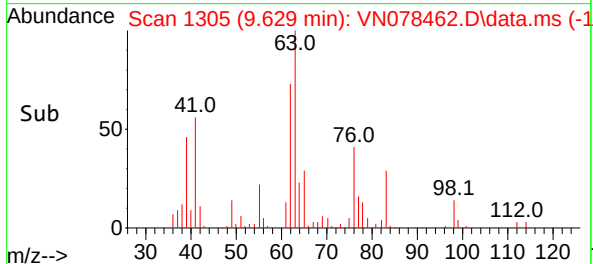
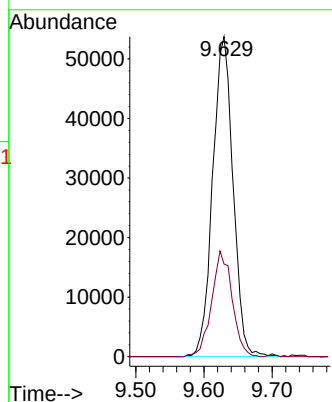
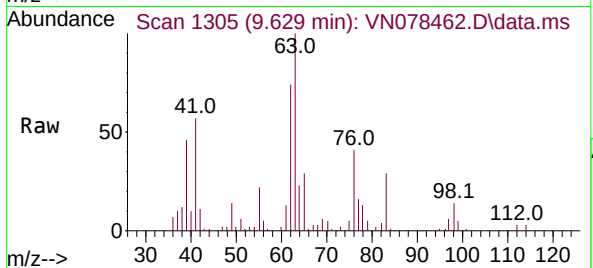
VN0711WBSD01

Tgt Ion: 63 Resp: 111712

Ion Ratio Lower Upper

63 100

65 28.9 23.9 35.9



#46

Dibromomethane

Concen: 20.597 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

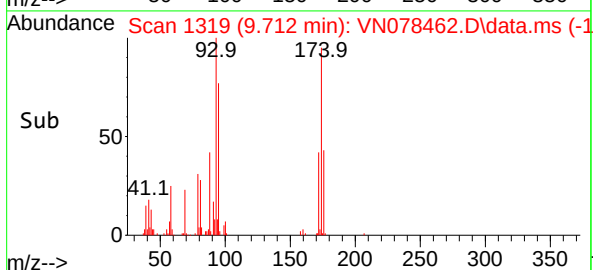
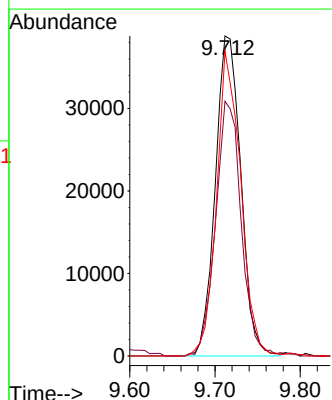
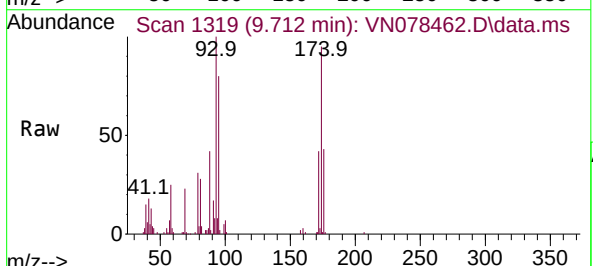
Tgt Ion: 93 Resp: 80717

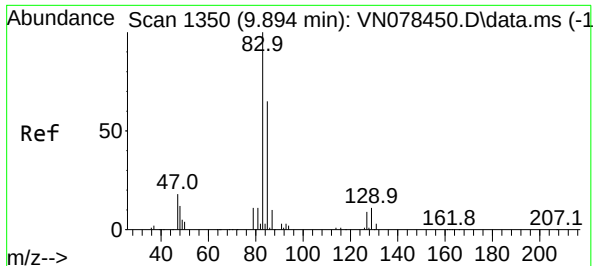
Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.8

174 90.2 65.6 98.4

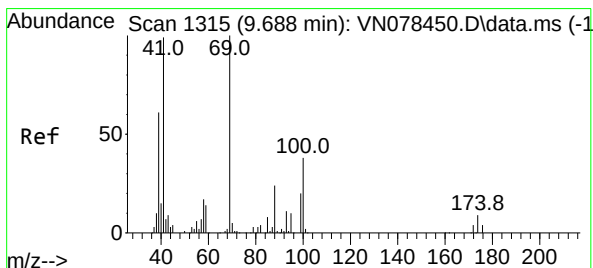
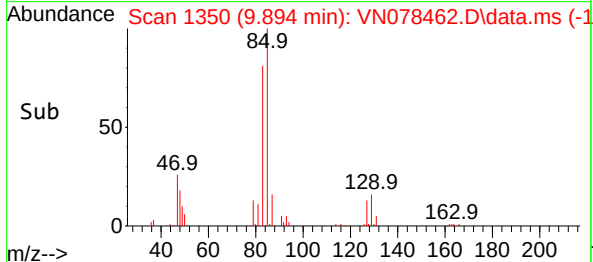
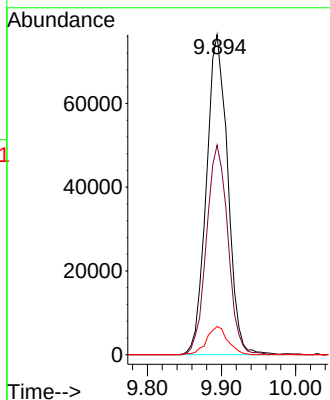
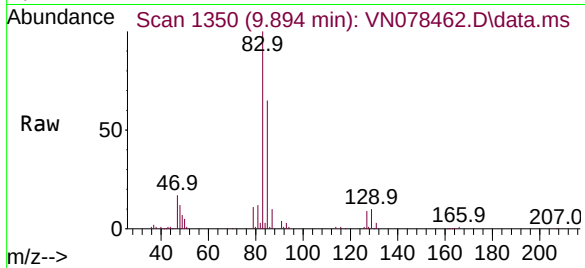




#47  
Bromodichloromethane  
Concen: 19.407 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

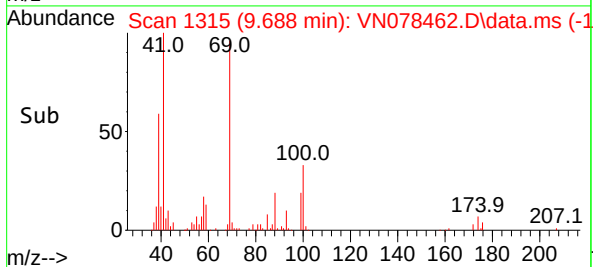
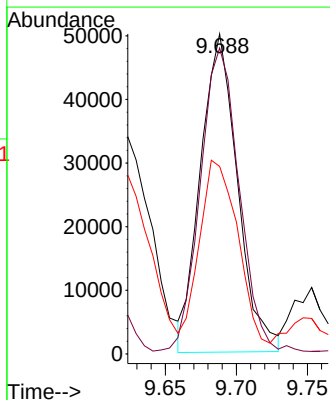
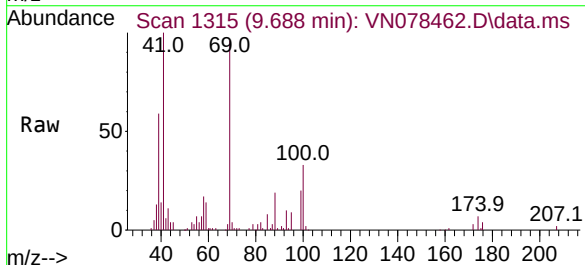
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

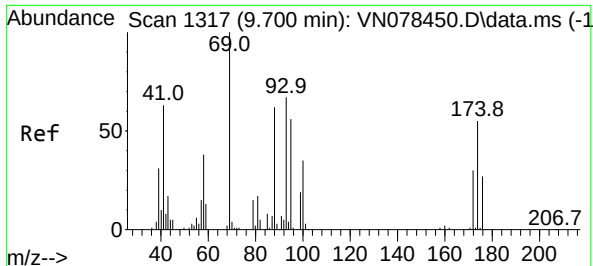
Tgt Ion: 83 Resp: 152457  
Ion Ratio Lower Upper  
83 100  
85 65.5 49.6 74.4  
127 8.8 7.0 10.6



#48  
Methyl methacrylate  
Concen: 19.274 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 41 Resp: 90940  
Ion Ratio Lower Upper  
41 100  
69 100.4 90.4 135.6  
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 383.799 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078462.D

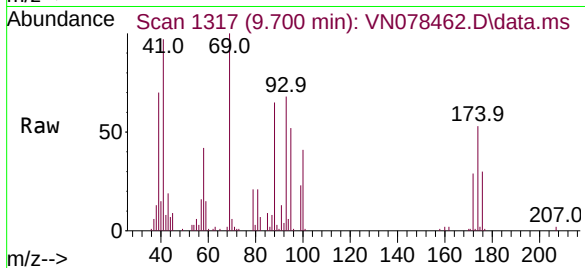
Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01



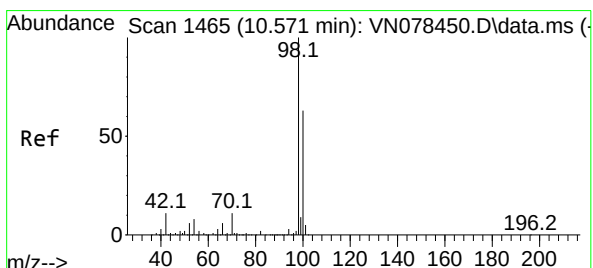
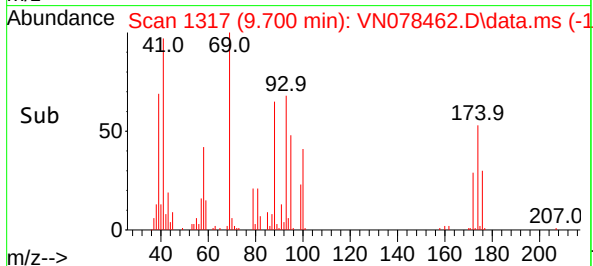
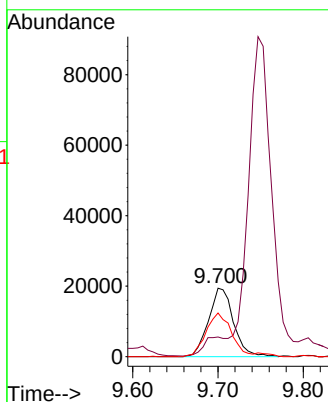
Tgt Ion: 88 Resp: 39492

Ion Ratio Lower Upper

88 100

43 22.3 17.0 25.6

58 65.1 47.0 70.4



#50

Toluene-d8

Concen: 51.571 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078462.D

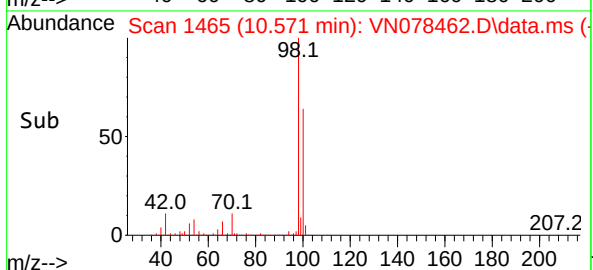
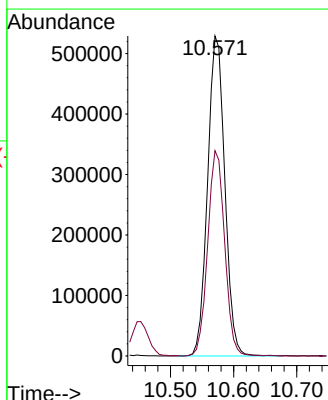
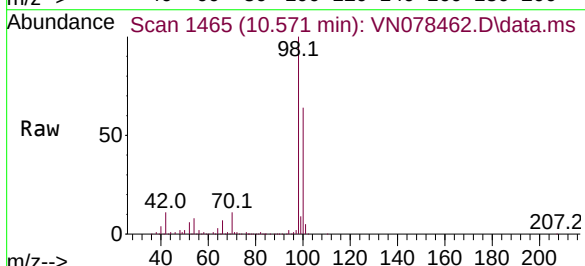
Acq: 11 Jul 2023 14:00

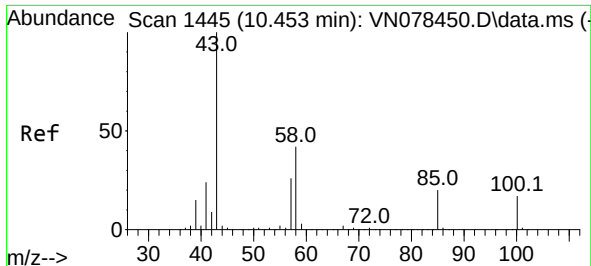
Tgt Ion: 98 Resp: 1001221

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

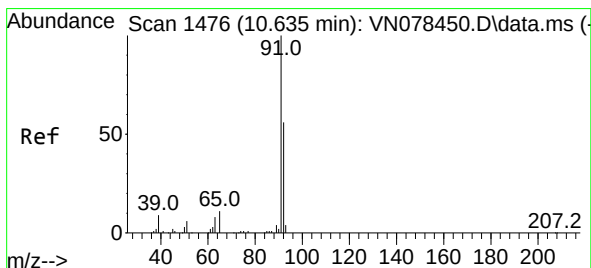
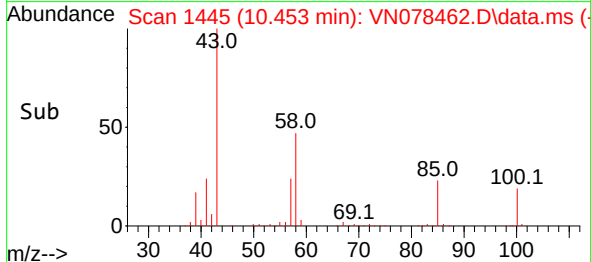
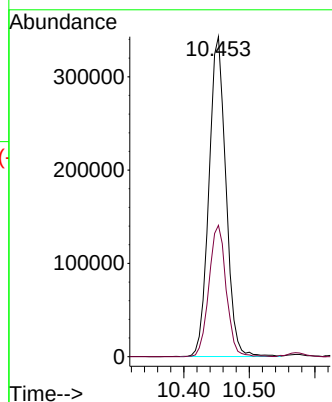
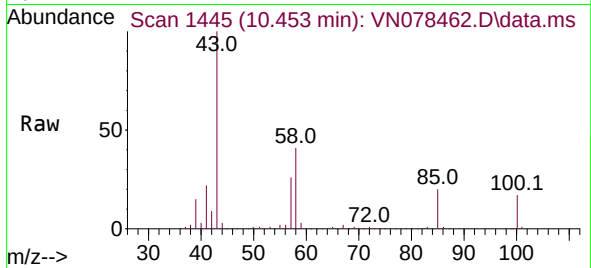




#51  
4-Methyl-2-Pentanone  
Concen: 101.775 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

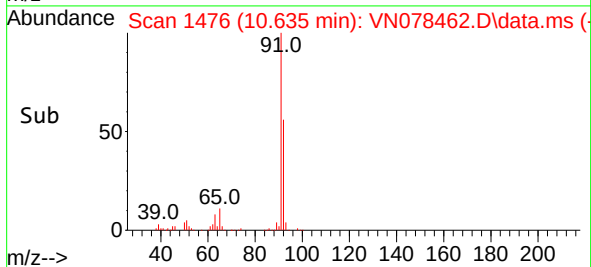
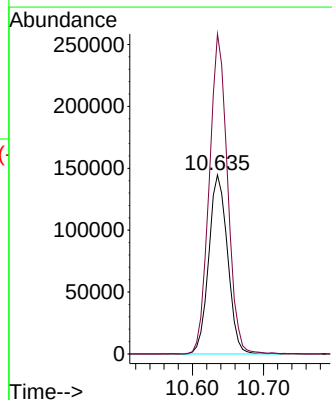
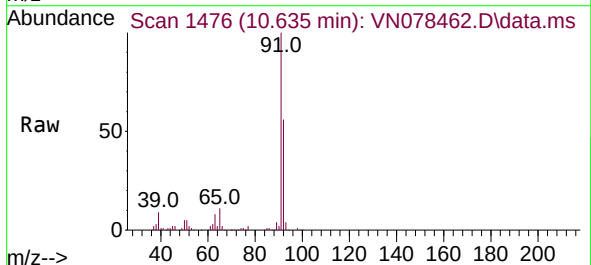
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

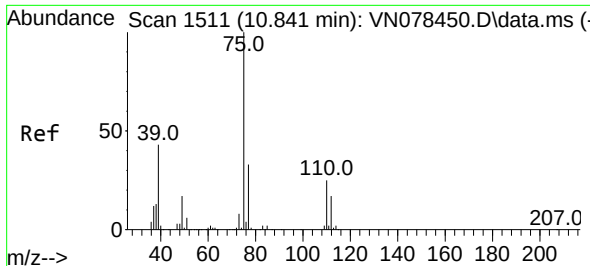
Tgt Ion: 43 Resp: 616533  
Ion Ratio Lower Upper  
43 100  
58 41.8 36.6 54.8



#52  
Toluene  
Concen: 19.553 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 92 Resp: 266412  
Ion Ratio Lower Upper  
92 100  
91 173.9 137.4 206.0

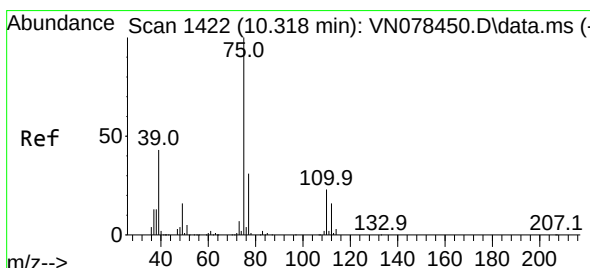
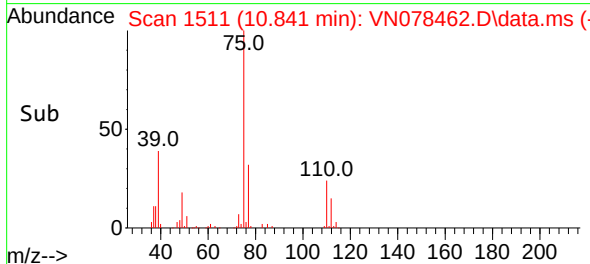
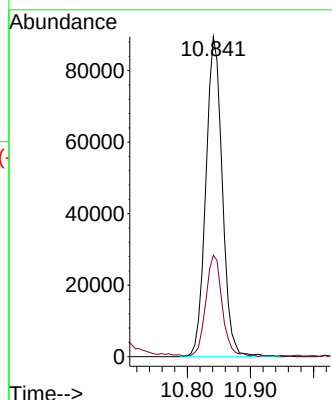
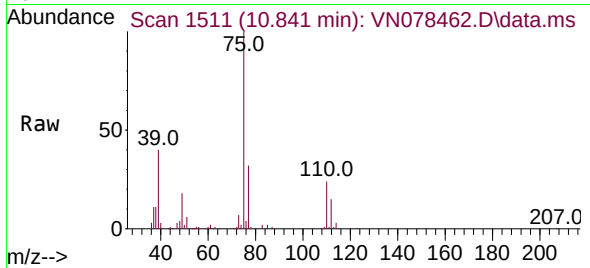




#53  
 t-1,3-Dichloropropene  
 Concen: 20.163 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

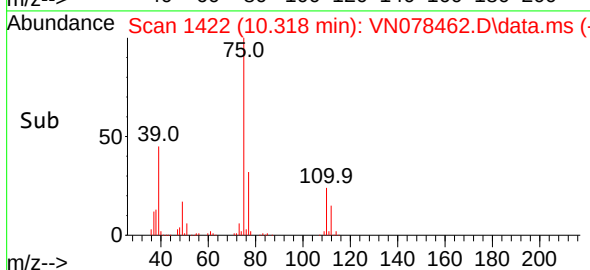
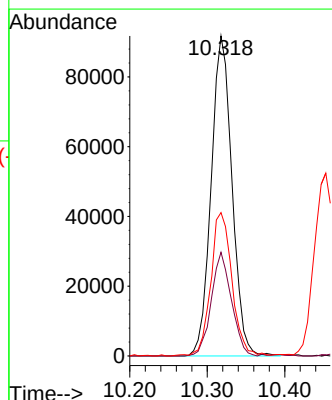
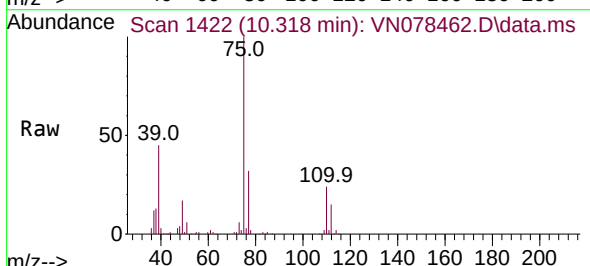
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

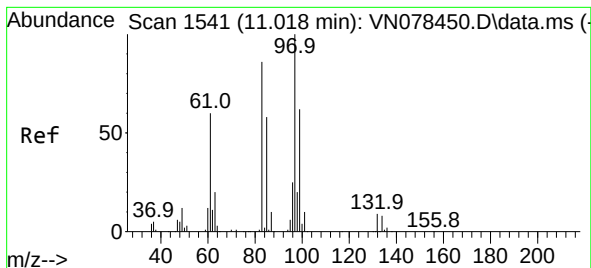
Tgt Ion: 75 Resp: 162267  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.987 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion: 75 Resp: 171462  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 26.1 39.1  
 39 44.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.928 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01

Tgt Ion: 97 Resp: 106977

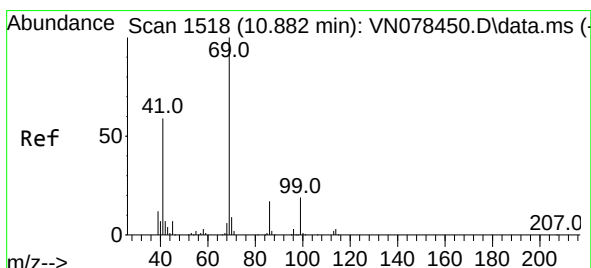
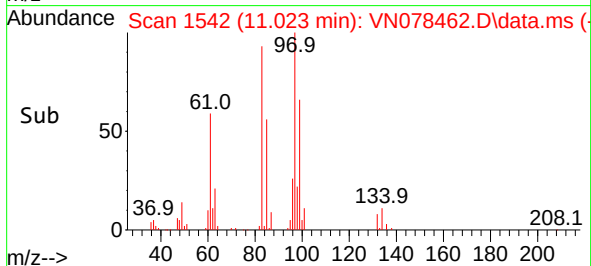
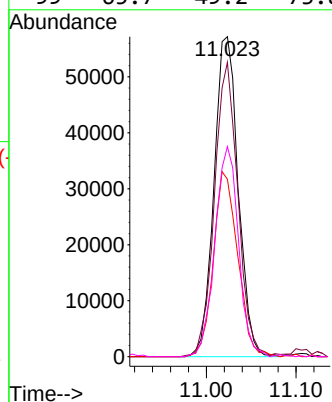
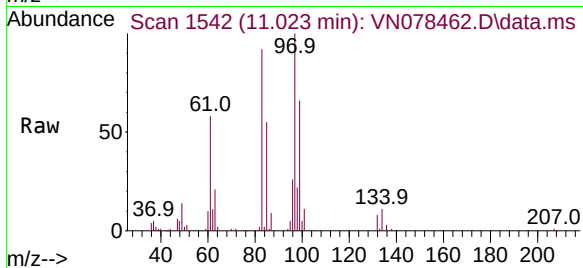
Ion Ratio Lower Upper

97 100

83 92.0 65.1 97.7

85 55.4 43.4 65.2

99 65.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.630 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

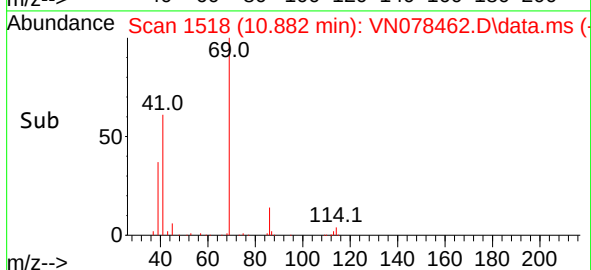
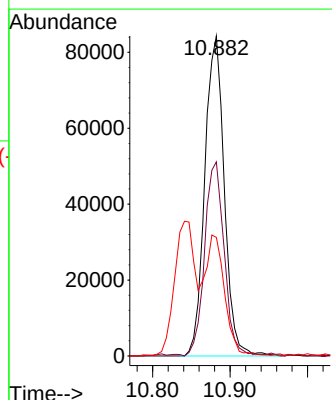
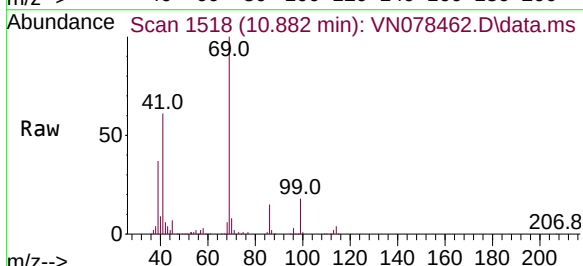
Tgt Ion: 69 Resp: 147311

Ion Ratio Lower Upper

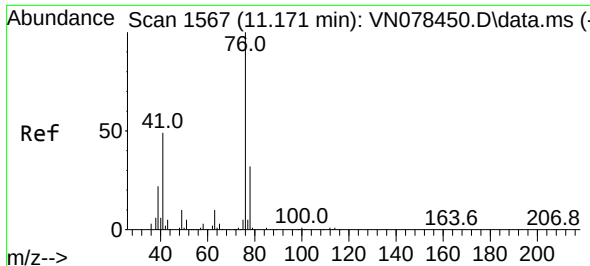
69 100

41 61.1 39.6 59.4#

39 38.4 28.6 43.0







#57

1,3-Dichloropropane

Concen: 20.385 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

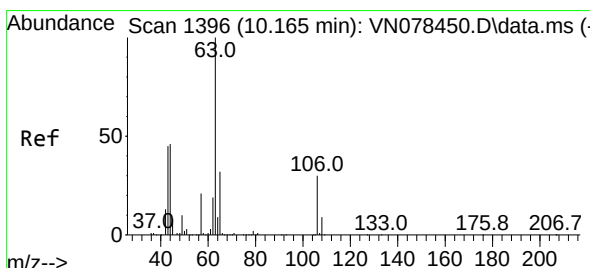
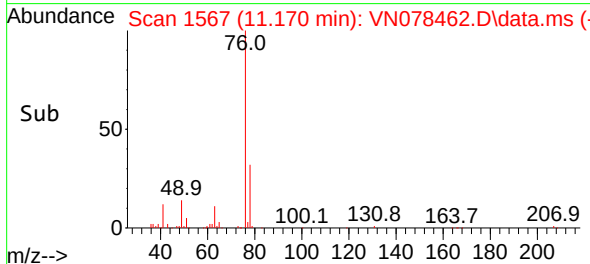
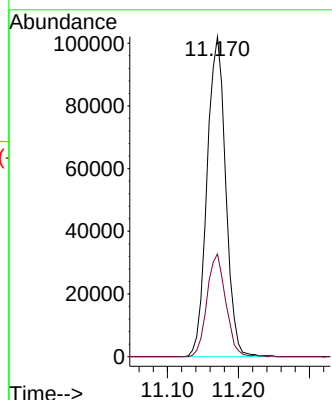
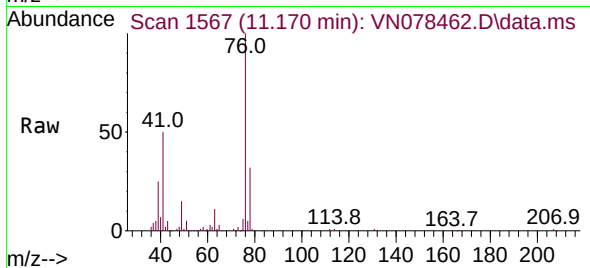
VN0711WBSD01

Tgt Ion: 76 Resp: 186064

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.228 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078462.D

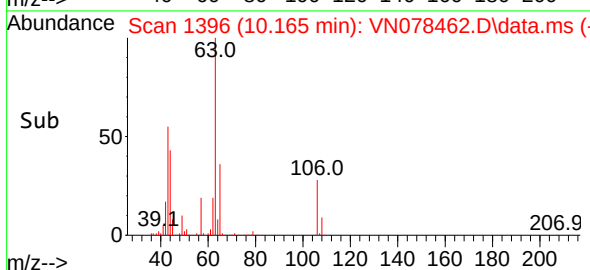
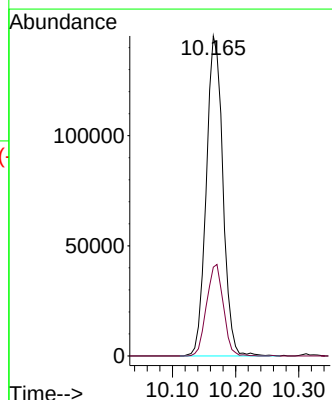
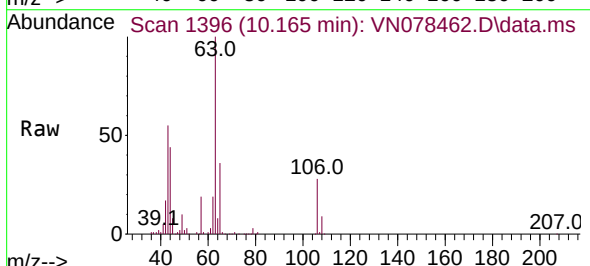
Acq: 11 Jul 2023 14:00

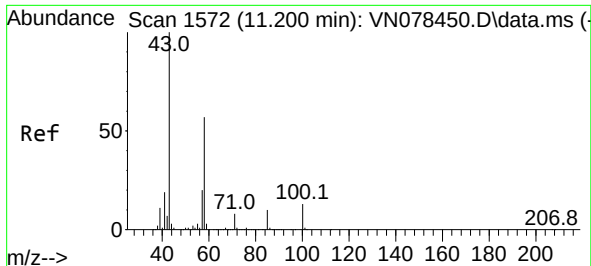
Tgt Ion: 63 Resp: 265366

Ion Ratio Lower Upper

63 100

106 28.8 26.2 39.4

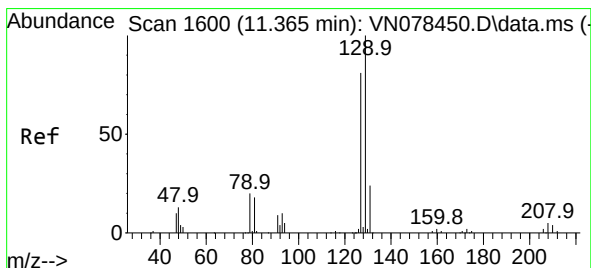
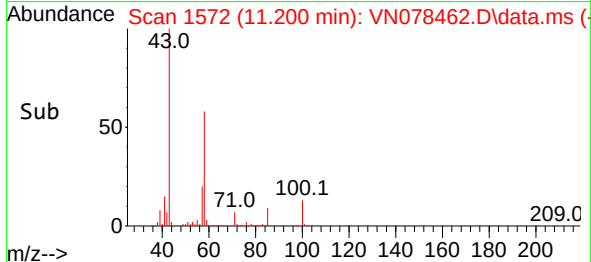
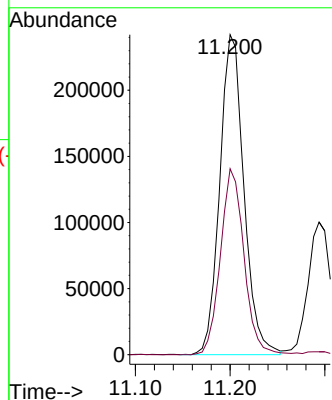
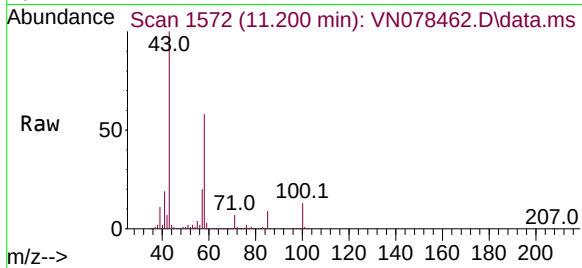




#59  
2-Hexanone  
Concen: 99.624 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

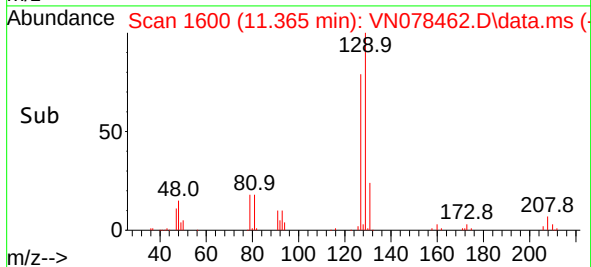
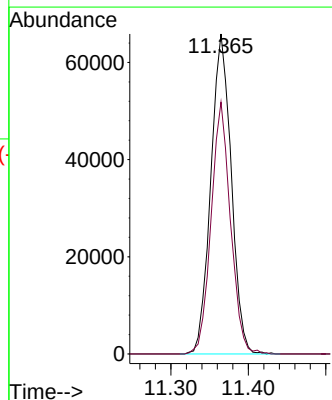
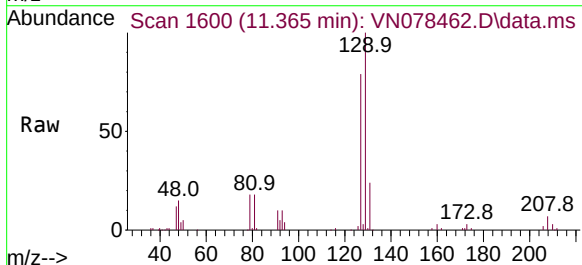
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

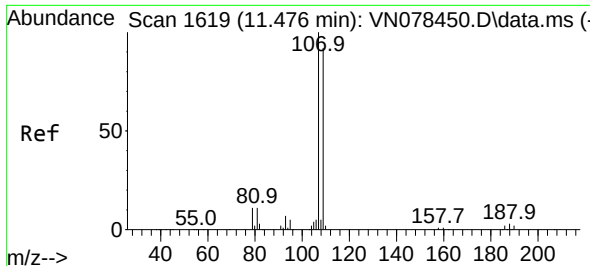
Tgt Ion: 43 Resp: 428914  
Ion Ratio Lower Upper  
43 100  
58 56.8 31.7 95.1



#60  
Dibromochloromethane  
Concen: 20.324 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 129 Resp: 120452  
Ion Ratio Lower Upper  
129 100  
127 74.8 38.6 116.0

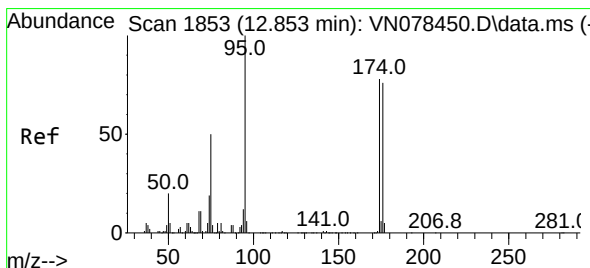
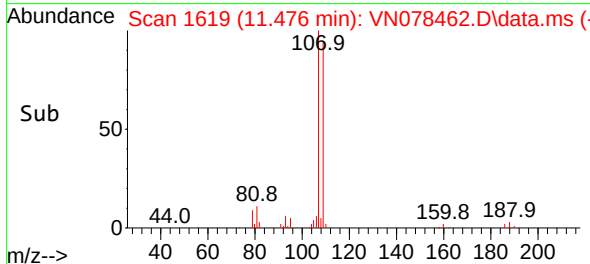
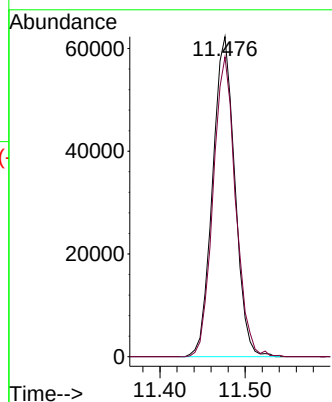
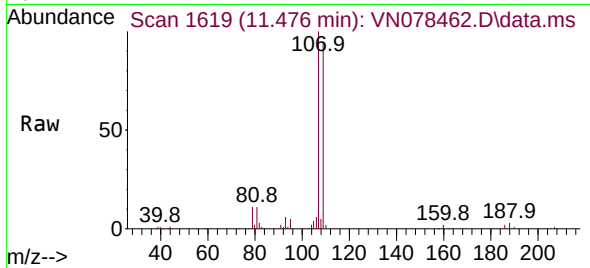




#61  
1,2-Dibromoethane  
Concen: 20.443 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

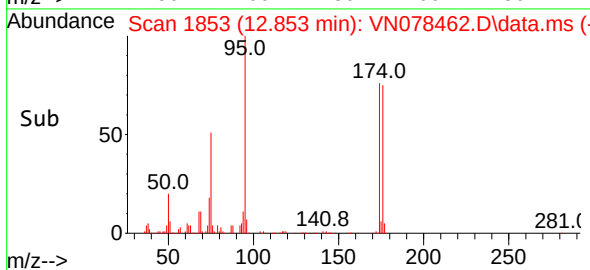
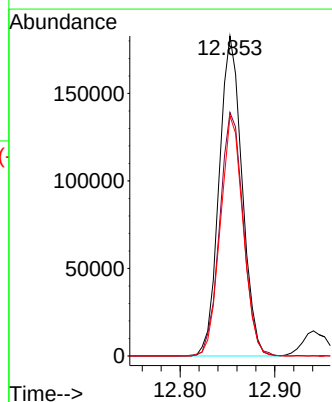
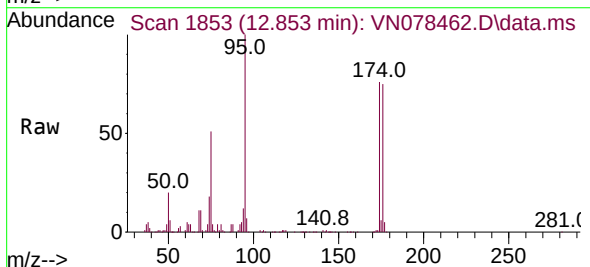
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

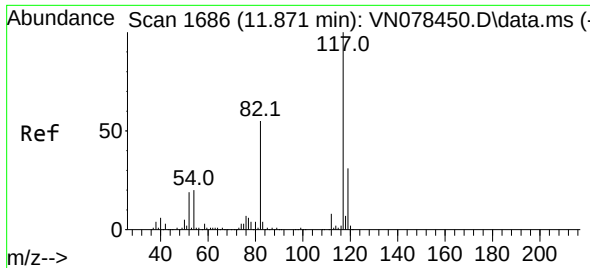
Tgt Ion:107 Resp: 113051  
Ion Ratio Lower Upper  
107 100  
109 94.7 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.424 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 95 Resp: 307522  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 143.8  
176 74.4 0.0 135.8

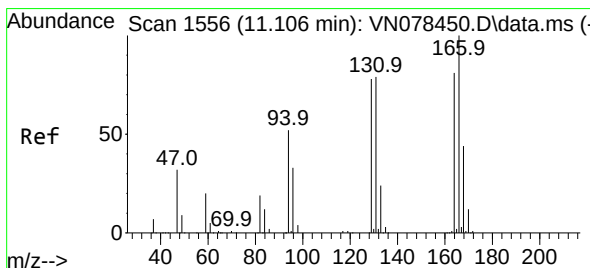
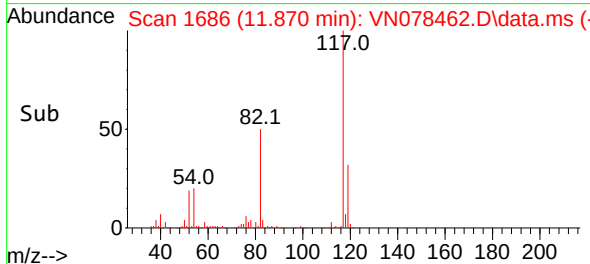
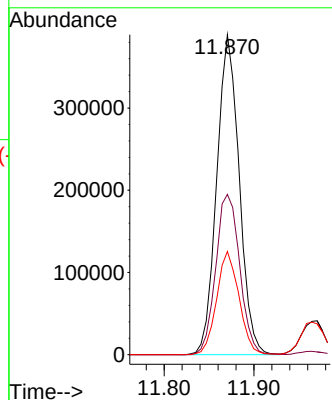
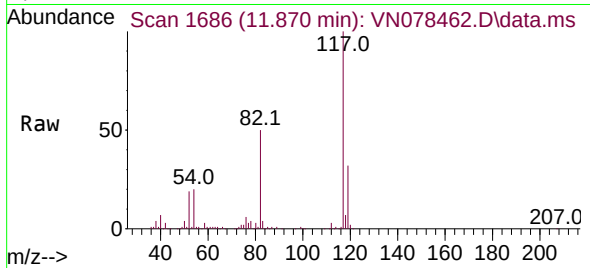




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

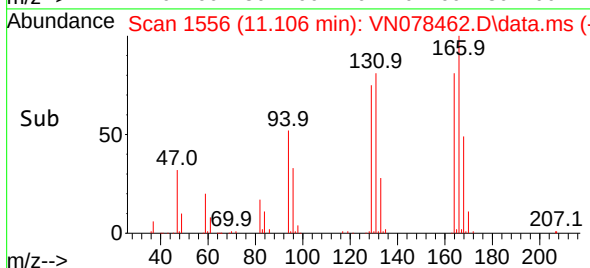
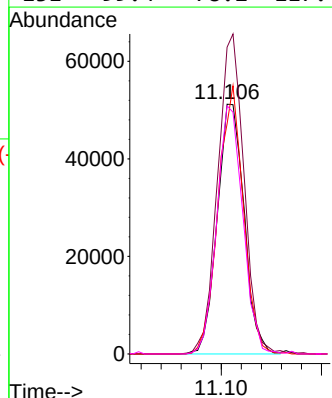
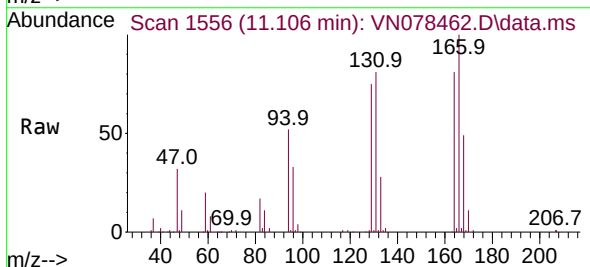
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

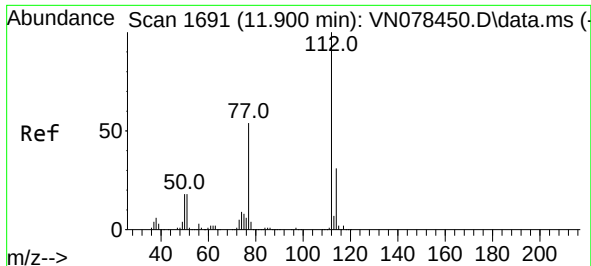
Tgt Ion:117 Resp: 677021  
Ion Ratio Lower Upper  
117 100  
82 50.1 44.0 66.0  
119 32.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 18.657 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:164 Resp: 94962  
Ion Ratio Lower Upper  
164 100  
166 122.8 101.4 152.0  
129 92.1 82.4 123.6  
131 99.4 78.2 117.4

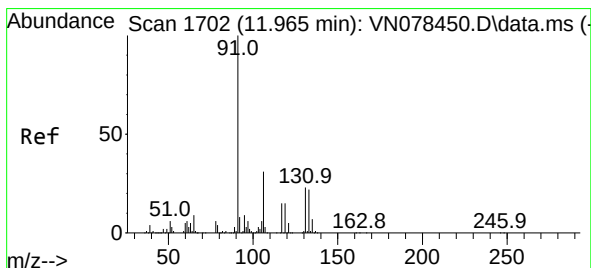
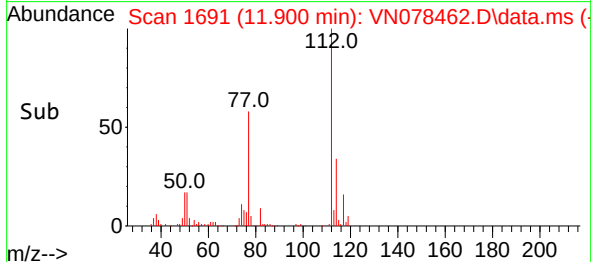
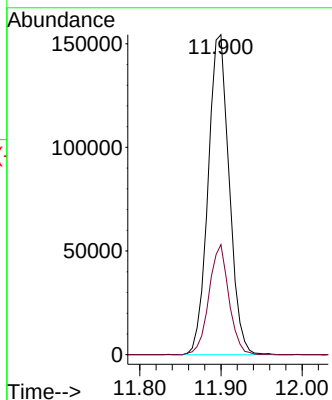
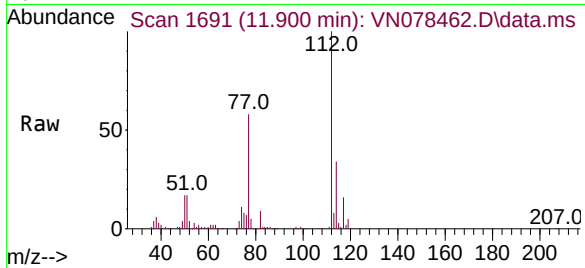




#65  
Chlorobenzene  
Concen: 18.404 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

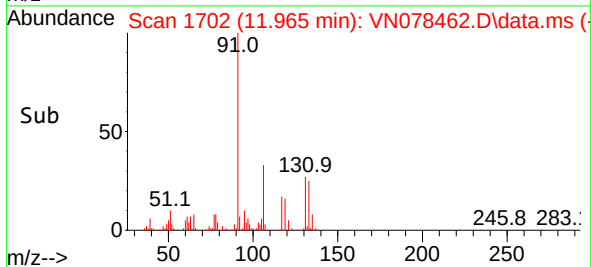
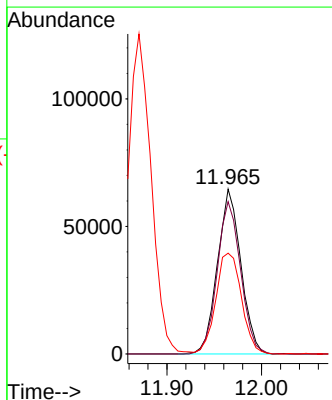
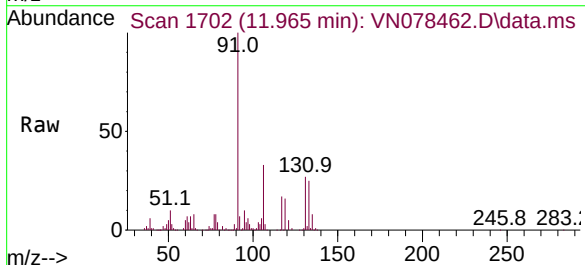
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

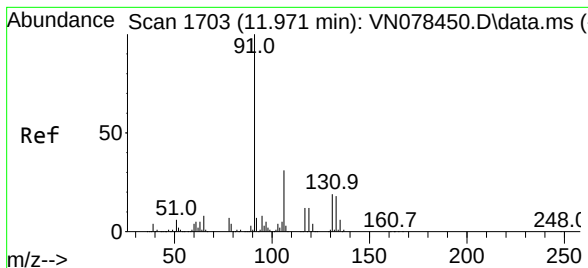
Tgt Ion:112 Resp: 278514  
Ion Ratio Lower Upper  
112 100  
114 34.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.078 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:131 Resp: 111063  
Ion Ratio Lower Upper  
131 100  
133 92.4 46.4 139.1  
119 67.0 34.1 102.2

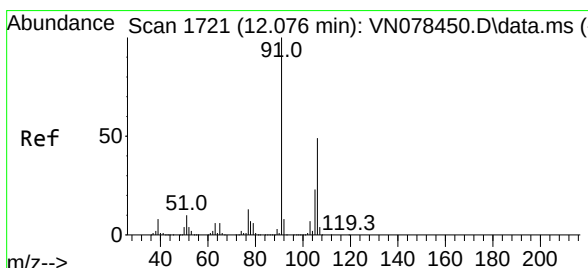
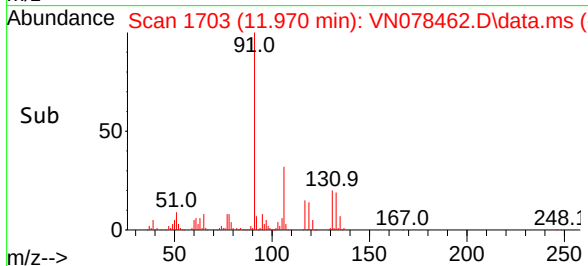
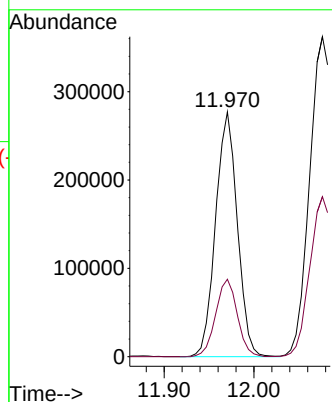
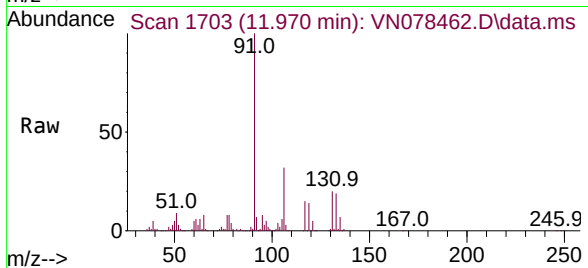




#67  
Ethyl Benzene  
Concen: 18.199 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

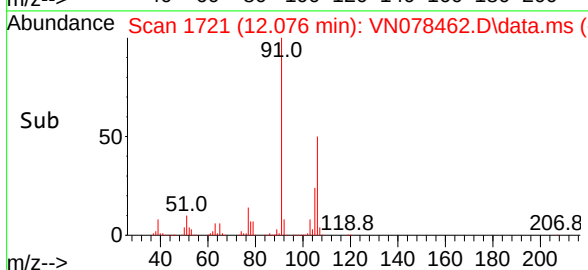
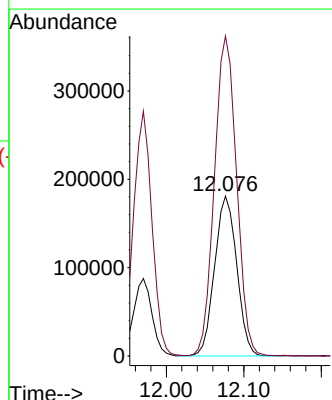
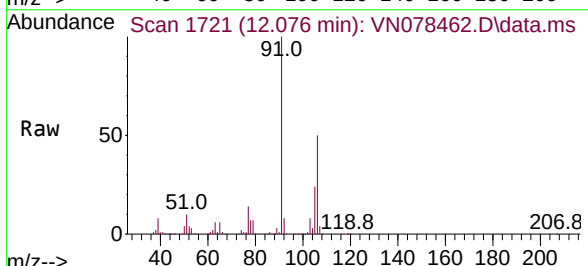
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

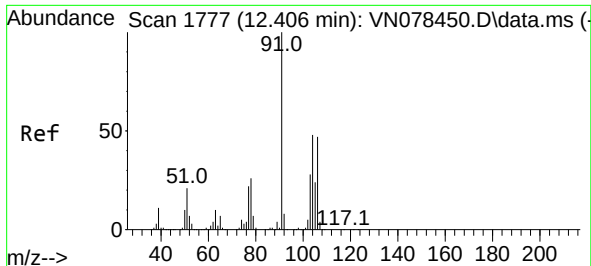
Tgt Ion: 91 Resp: 465523  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.6 38.4



#68  
m/p-Xylenes  
Concen: 38.000 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:106 Resp: 359390  
Ion Ratio Lower Upper  
106 100  
91 200.7 159.6 239.4

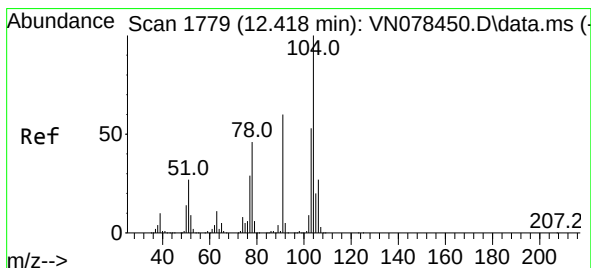
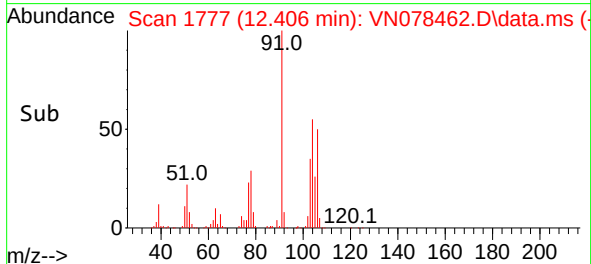
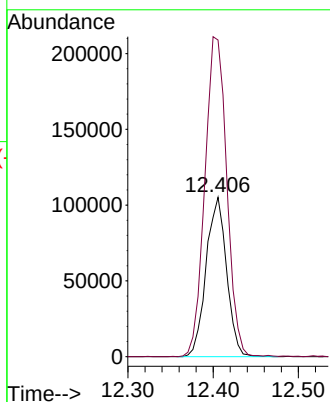
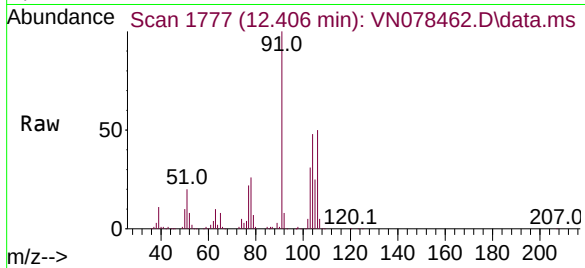




#69  
o-Xylene  
Concen: 18.354 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

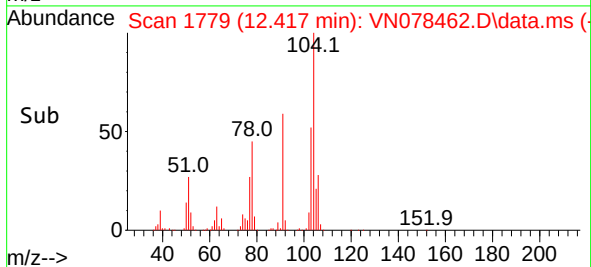
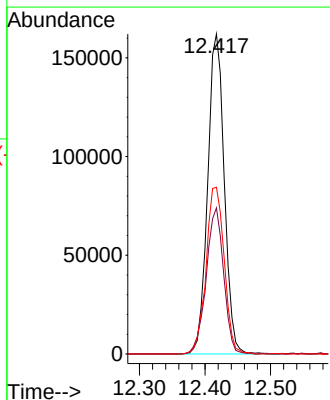
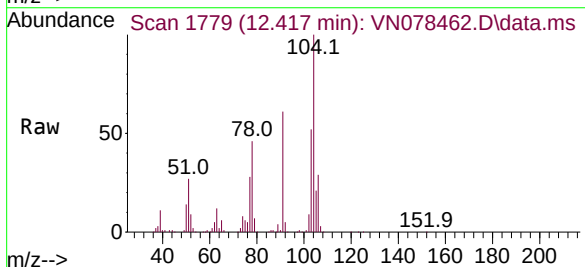
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

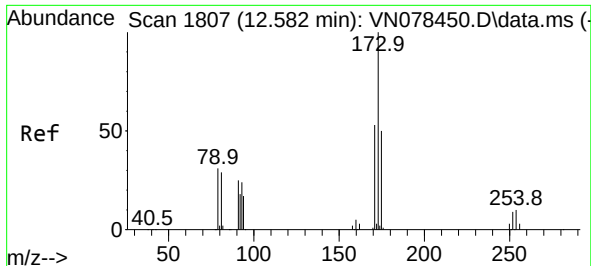
Tgt Ion:106 Resp: 175328  
Ion Ratio Lower Upper  
106 100  
91 215.2 105.2 315.5



#70  
Styrene  
Concen: 19.064 ug/l  
RT: 12.417 min Scan# 1779  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:104 Resp: 284907  
Ion Ratio Lower Upper  
104 100  
78 48.0 39.5 59.3  
103 57.1 43.2 64.8

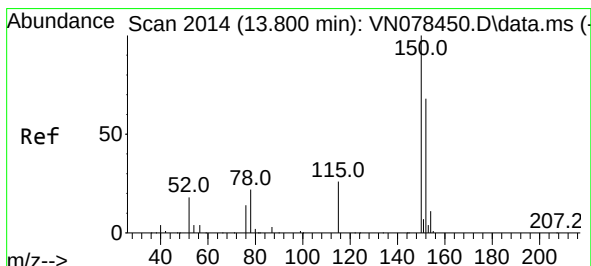
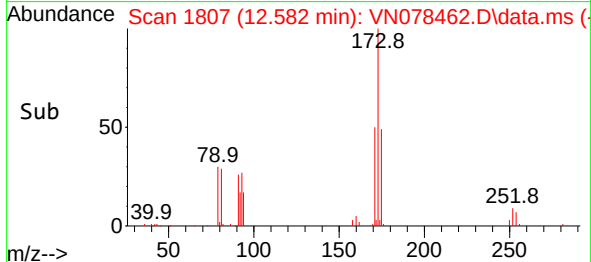
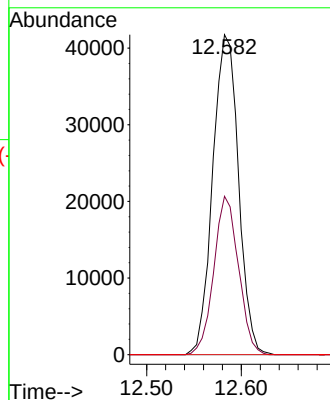
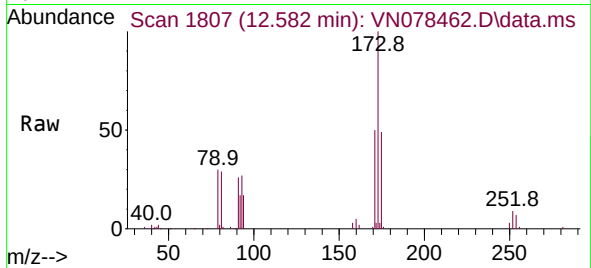




#71  
Bromoform  
Concen: 19.994 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

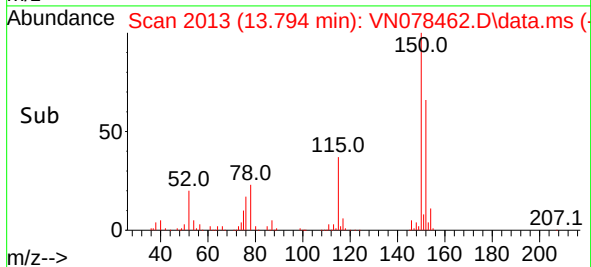
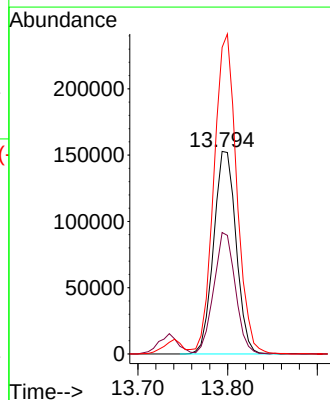
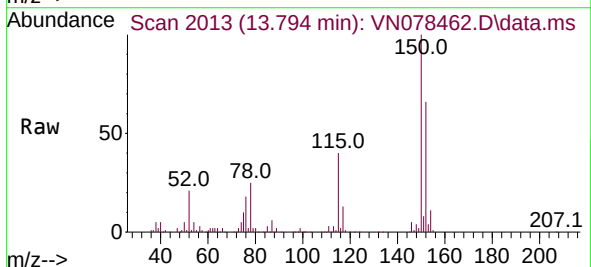
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

Tgt Ion:173 Resp: 78831  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.3 73.0  
254 0.0 0.0 0.0

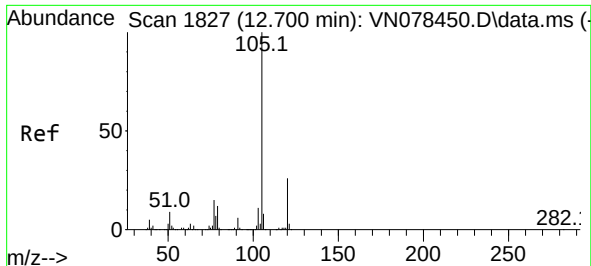


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:152 Resp: 265370  
Ion Ratio Lower Upper  
152 100  
115 57.7 32.3 96.8  
150 160.7 0.0 355.8



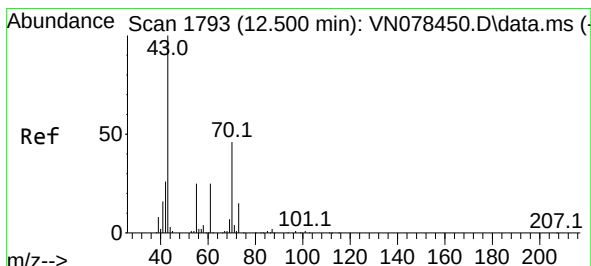
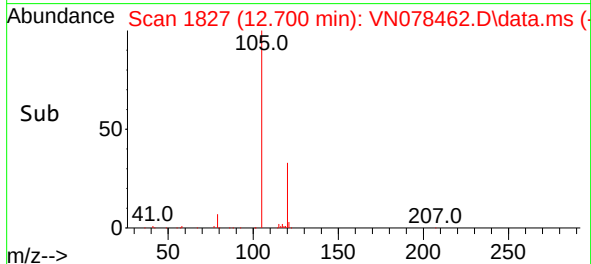
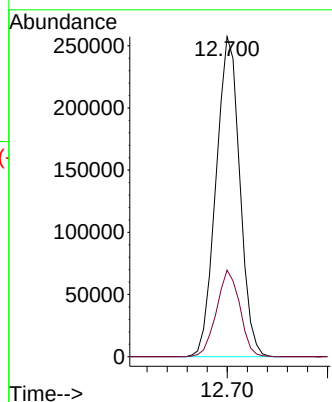
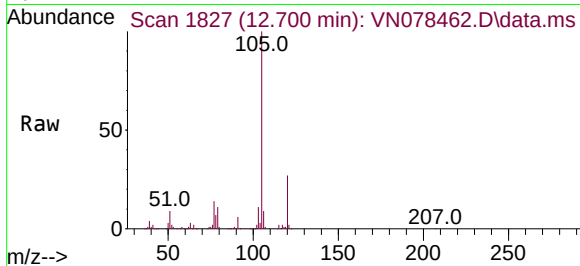




#73  
Isopropylbenzene  
Concen: 16.991 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

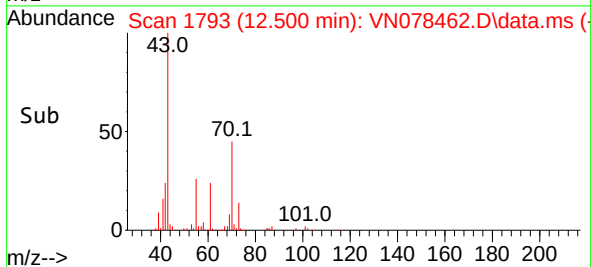
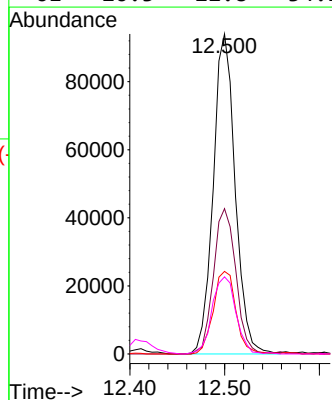
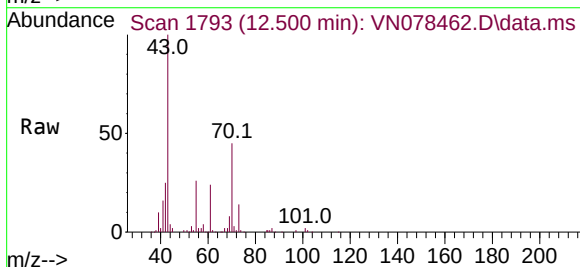
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

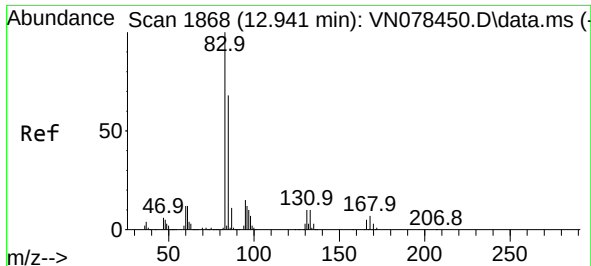
Tgt Ion:105 Resp: 423677  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.1



#74  
N-ethyl acetate  
Concen: 17.608 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 43 Resp: 151309  
Ion Ratio Lower Upper  
43 100  
70 46.2 43.4 65.2  
55 26.7 21.4 32.0  
61 26.3 22.8 34.2

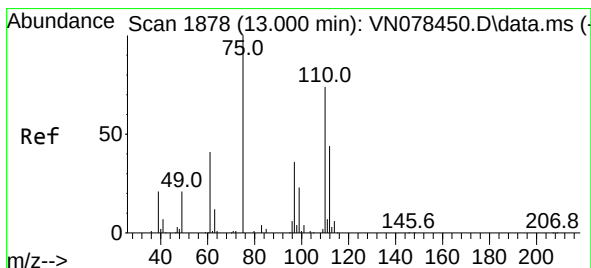
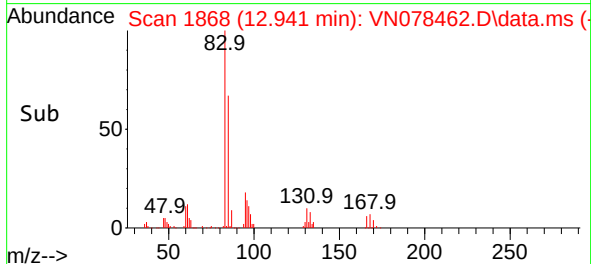
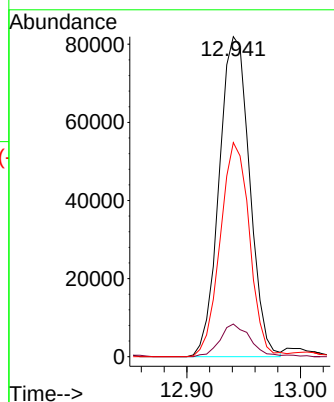
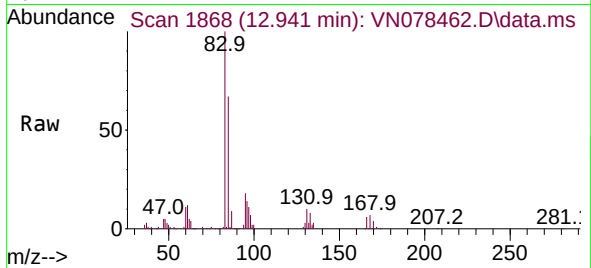




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.049 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

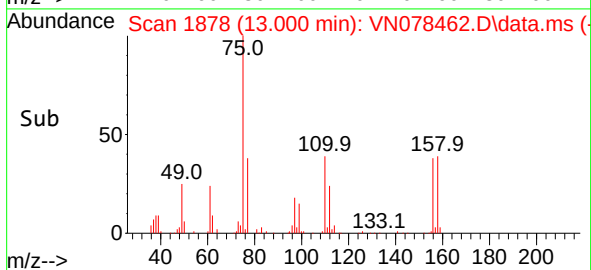
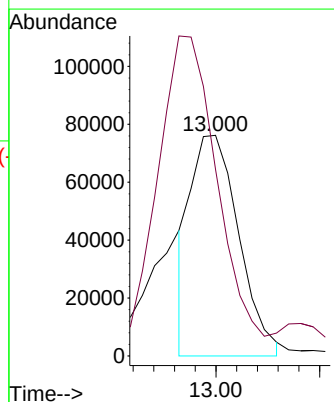
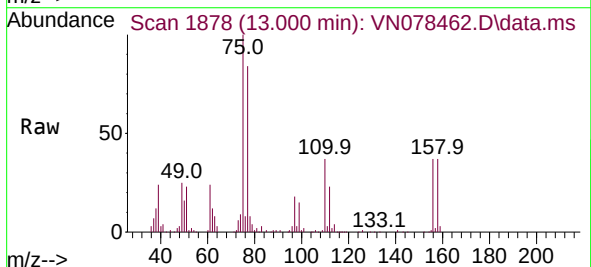
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

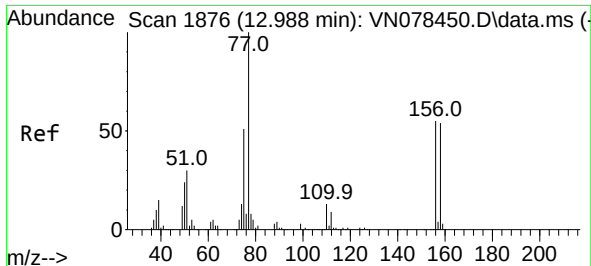
Tgt Ion: 83 Resp: 152552  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.0 15.0  
85 64.4 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 19.095 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 75 Resp: 122480  
Ion Ratio Lower Upper  
75 100  
77 184.6 84.5 253.5

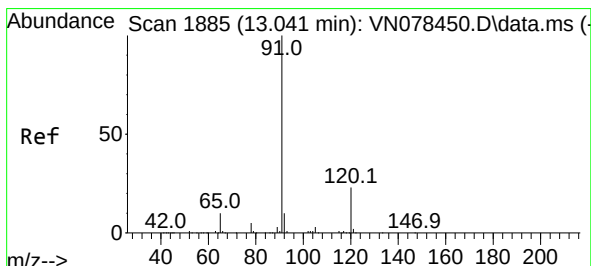
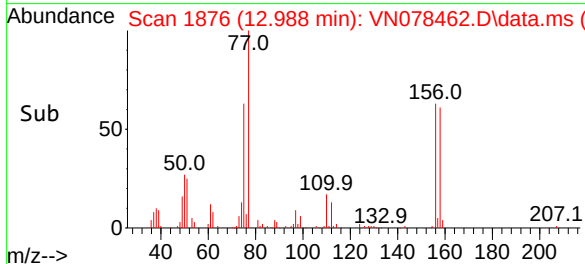
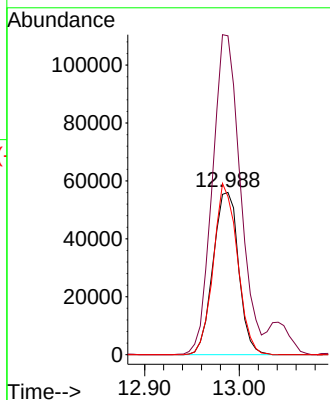
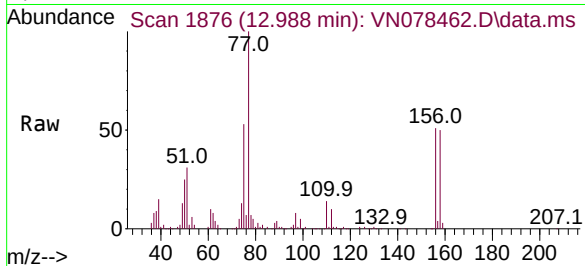




#77  
Bromobenzene  
Concen: 18.385 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

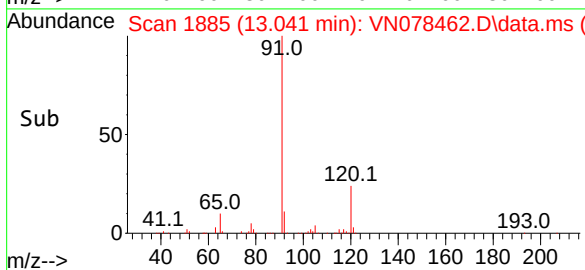
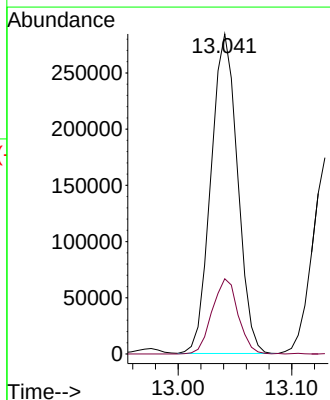
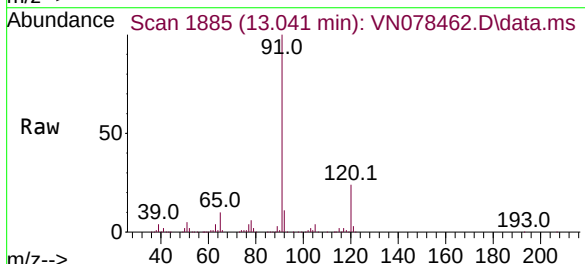
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

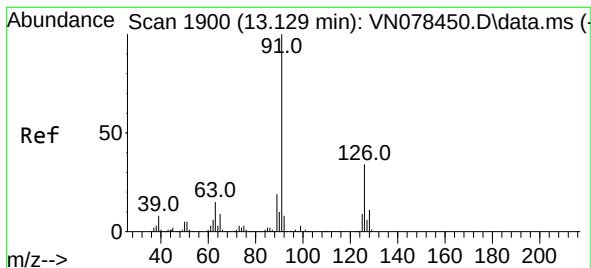
Tgt Ion:156 Resp: 104992  
Ion Ratio Lower Upper  
156 100  
77 215.3 107.7 323.3  
158 99.7 48.4 145.3



#78  
n-propylbenzene  
Concen: 17.364 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 91 Resp: 463055  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.484 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

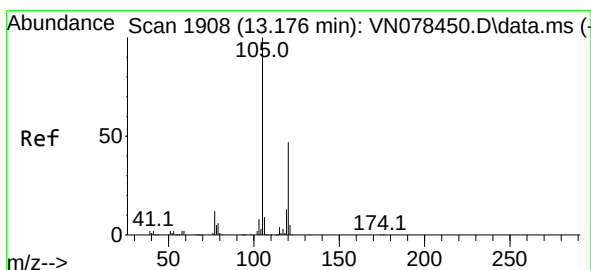
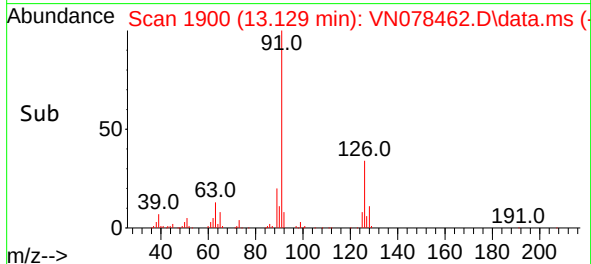
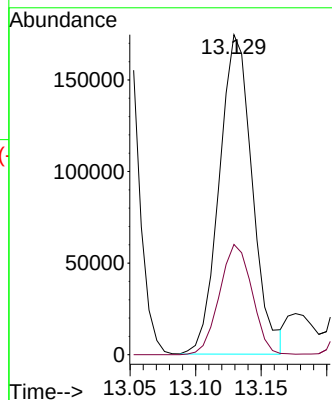
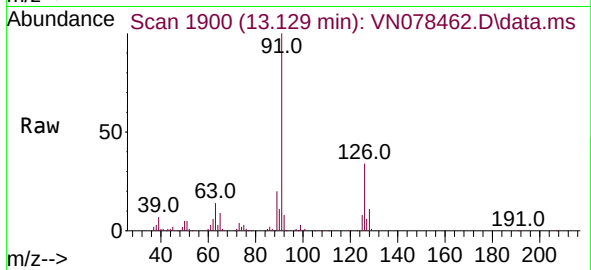
VN0711WBSD01

Tgt Ion: 91 Resp: 305396

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.587 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078462.D

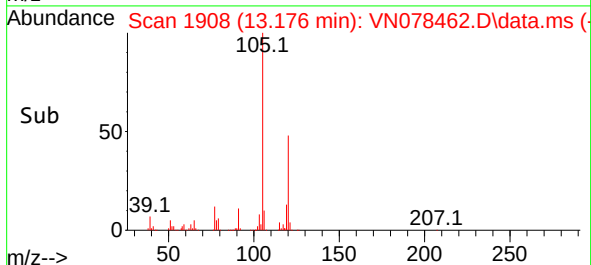
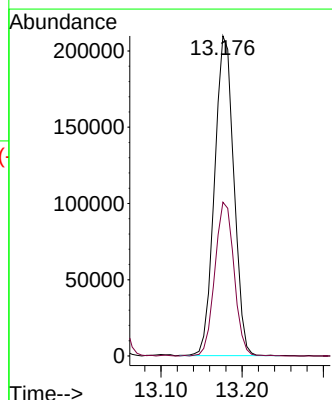
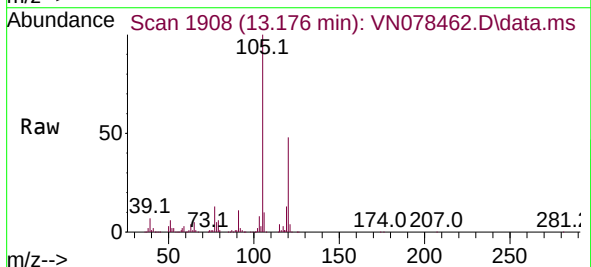
Acq: 11 Jul 2023 14:00

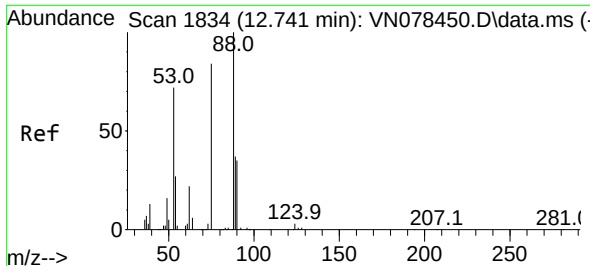
Tgt Ion:105 Resp: 346491

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3

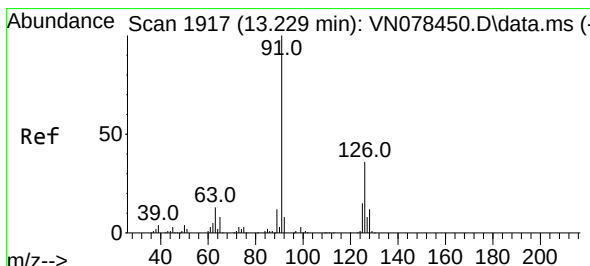
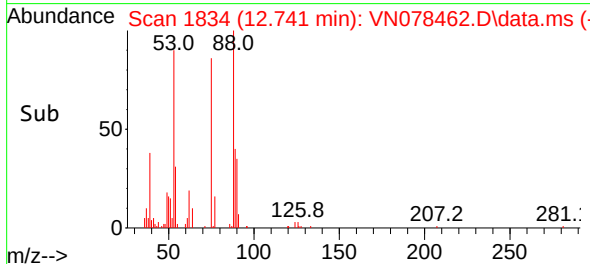
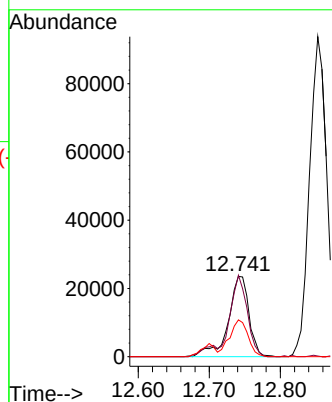
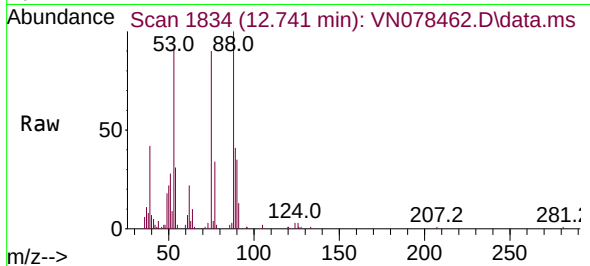




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.532 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

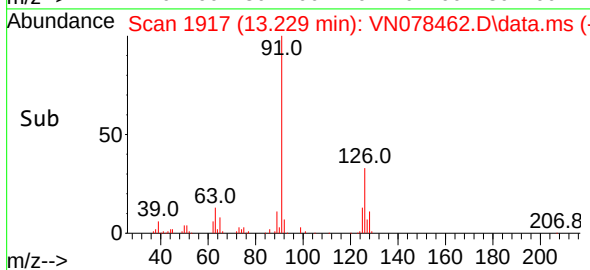
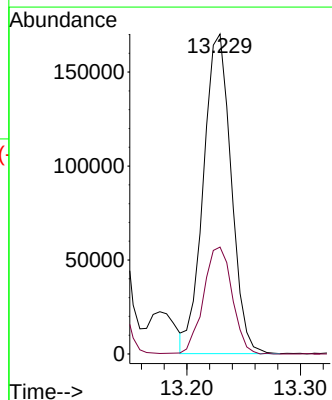
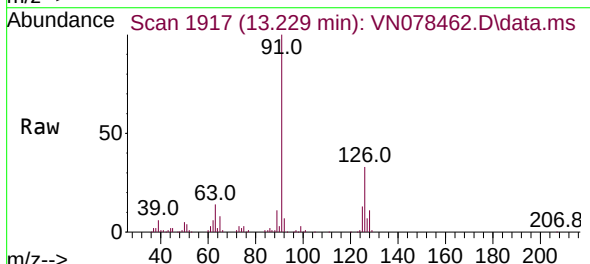
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

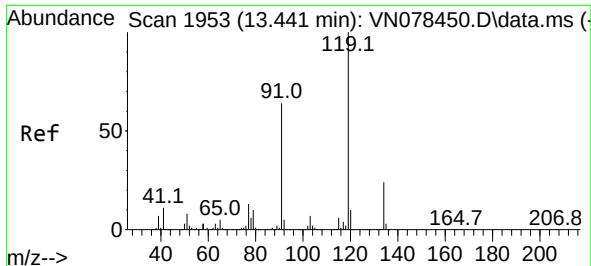
Tgt Ion: 75 Resp: 47676  
Ion Ratio Lower Upper  
75 100  
53 92.3 67.4 101.2  
89 40.9 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 17.742 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 91 Resp: 289092  
Ion Ratio Lower Upper  
91 100  
126 34.5 16.7 50.0

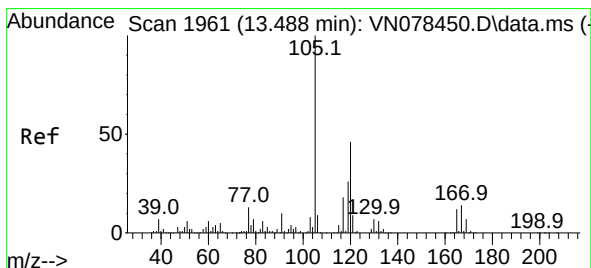
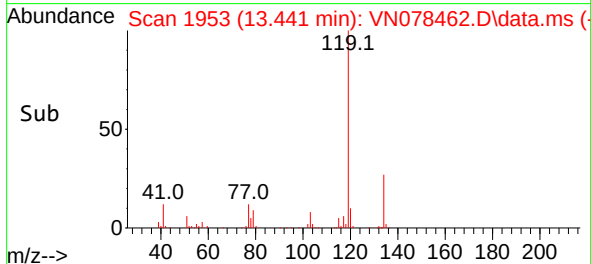
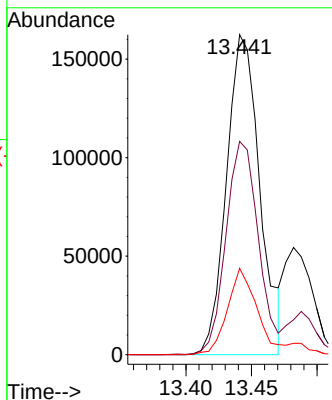
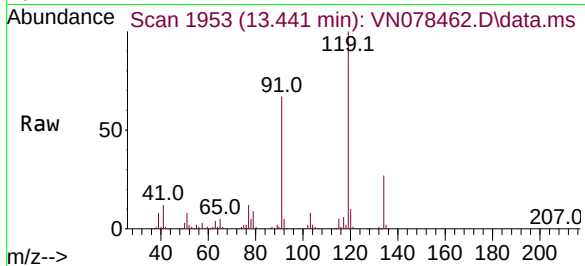




#83  
 tert-Butylbenzene  
 Concen: 17.172 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

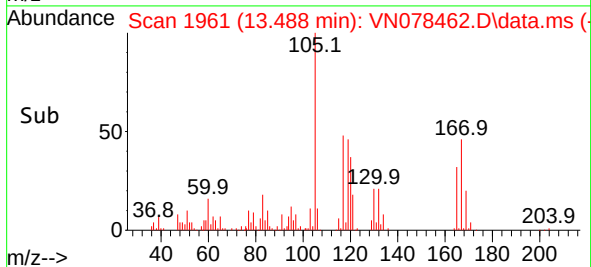
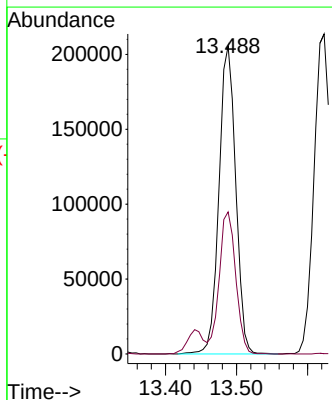
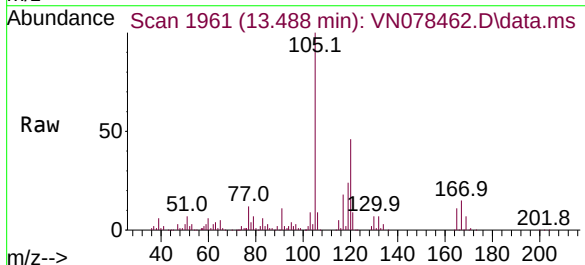
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

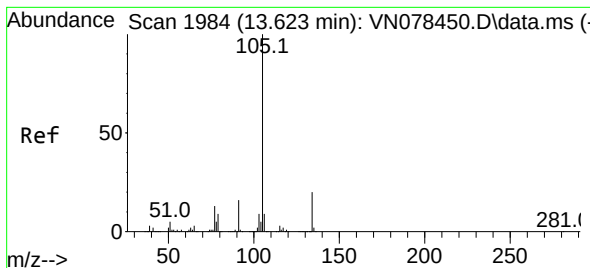
Tgt Ion:119 Resp: 287246  
 Ion Ratio Lower Upper  
 119 100  
 91 64.9 33.9 101.7  
 134 24.1 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.528 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion:105 Resp: 335428  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.0 66.0

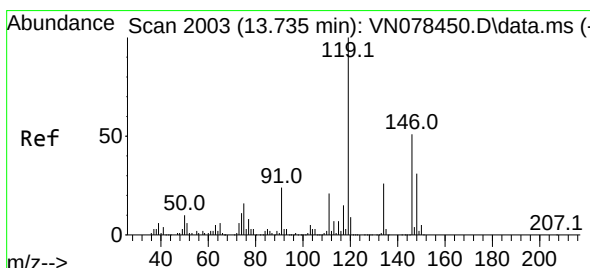
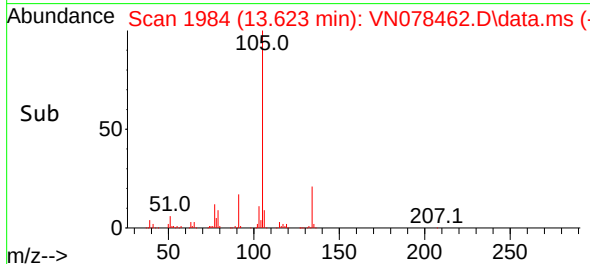
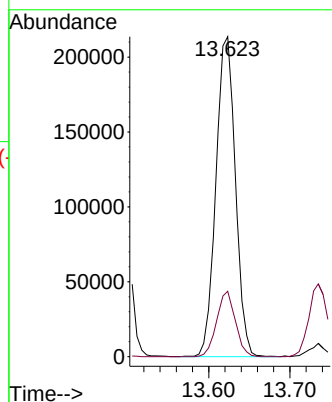
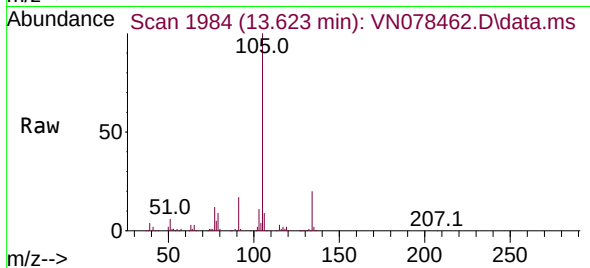




#85  
 sec-Butylbenzene  
 Concen: 16.872 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

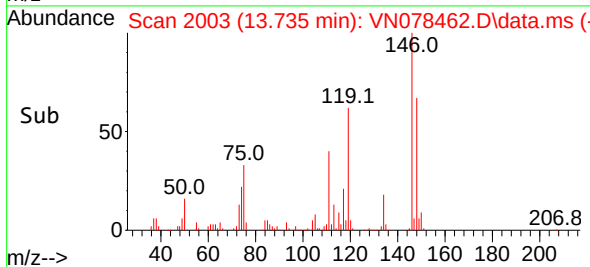
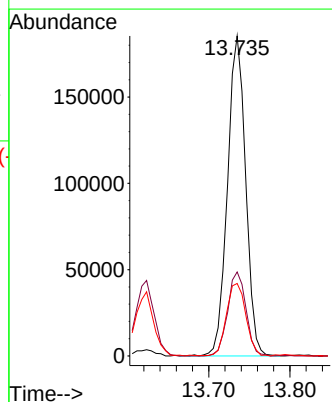
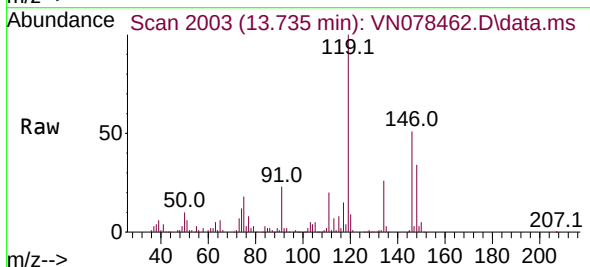
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

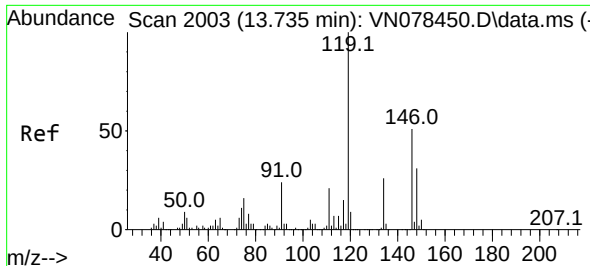
Tgt Ion:105 Resp: 356716  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 16.973 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion:119 Resp: 288155  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.6 37.8  
 91 24.3 12.4 37.2

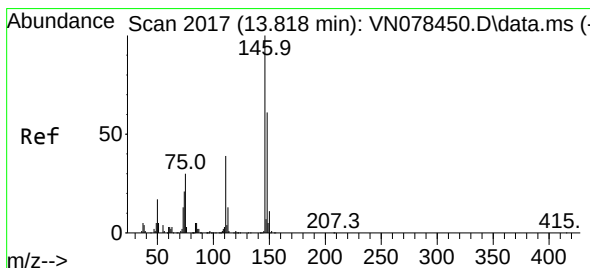
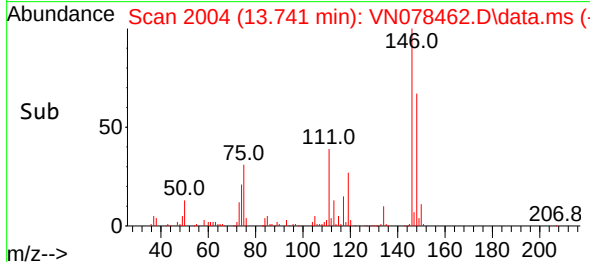
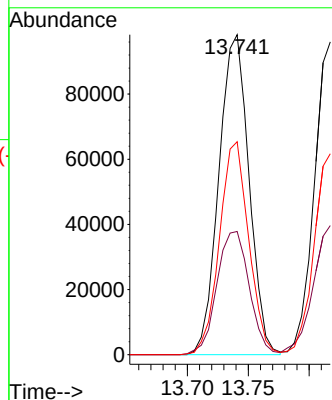
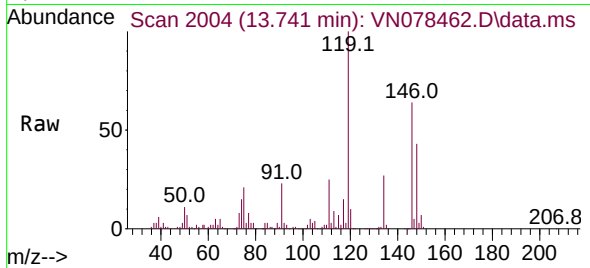




#87  
1,3-Dichlorobenzene  
Concen: 17.642 ug/l  
RT: 13.741 min Scan# 2003  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

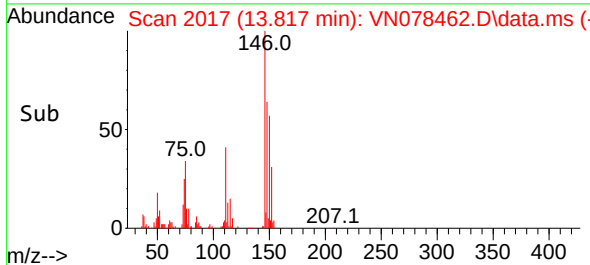
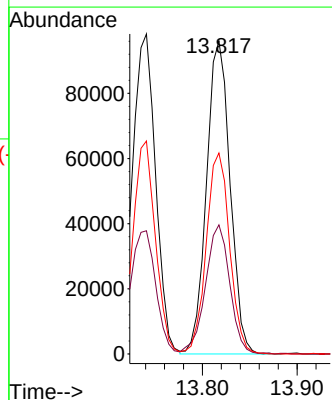
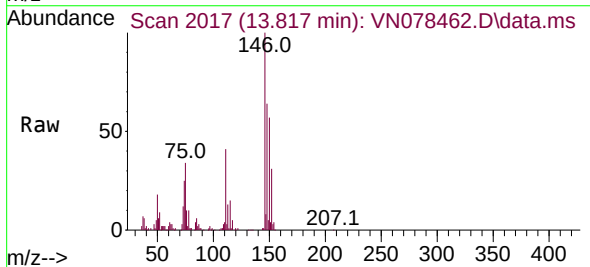
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

Tgt Ion:146 Resp: 168878  
Ion Ratio Lower Upper  
146 100  
111 41.5 22.1 66.3  
148 64.8 32.0 96.0

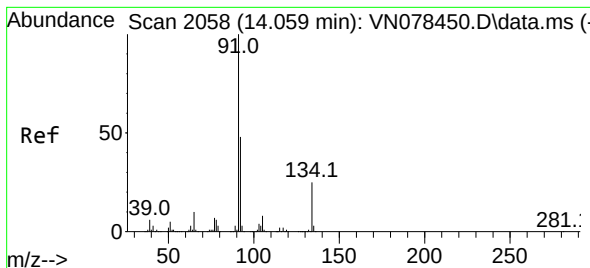


#88  
1,4-Dichlorobenzene  
Concen: 17.202 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:146 Resp: 165860  
Ion Ratio Lower Upper  
146 100  
111 42.6 20.6 61.8  
148 63.9 31.6 94.8







#89

n-Butylbenzene

Concen: 16.763 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078462.D

Acq: 11 Jul 2023 14:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0711WBSD01

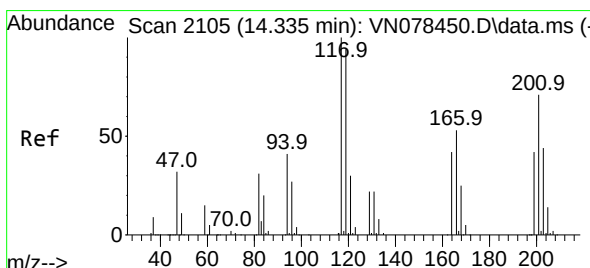
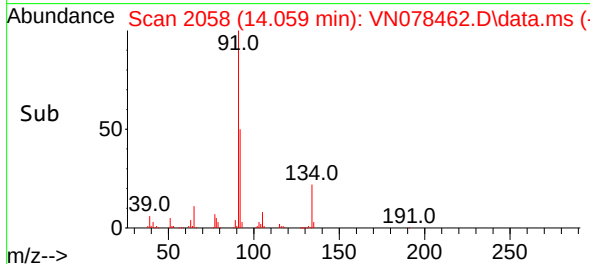
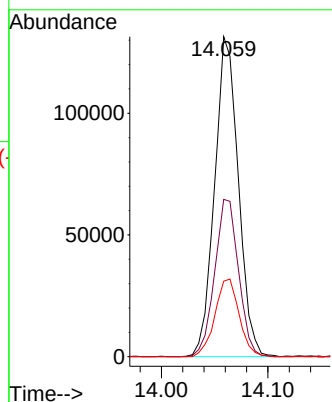
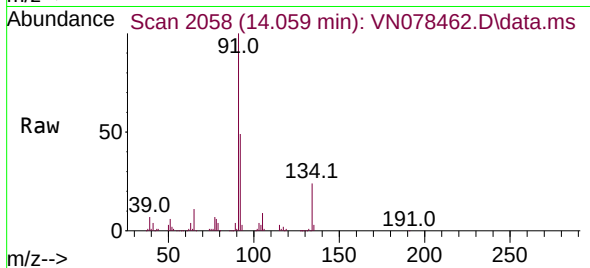
Tgt Ion: 91 Resp: 203623

Ion Ratio Lower Upper

91 100

92 49.3 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 17.731 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN078462.D

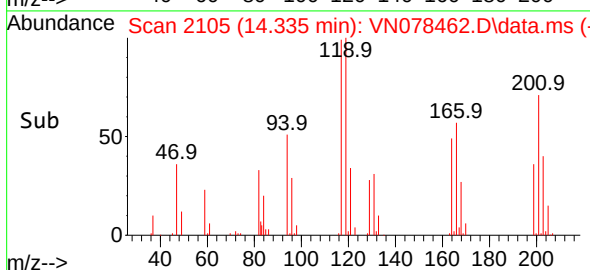
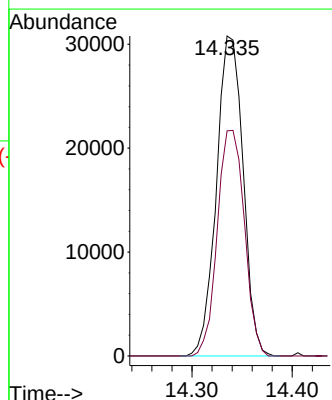
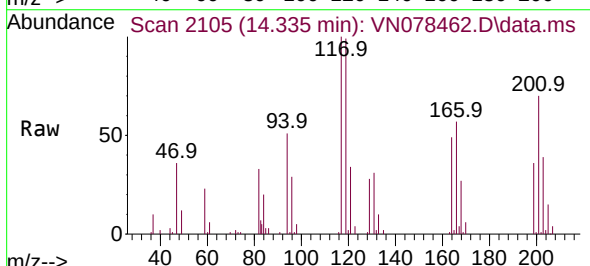
Acq: 11 Jul 2023 14:00

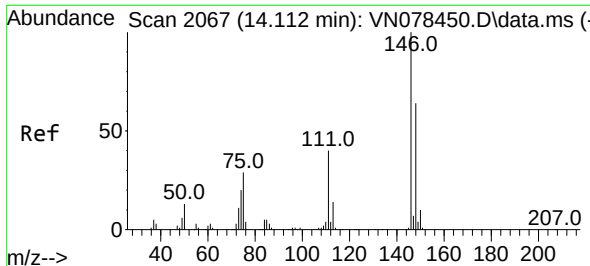
Tgt Ion: 117 Resp: 56971

Ion Ratio Lower Upper

117 100

201 71.4 29.3 88.0

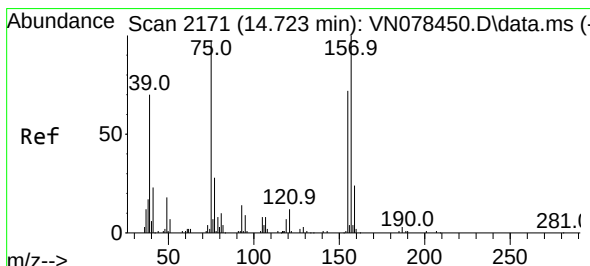
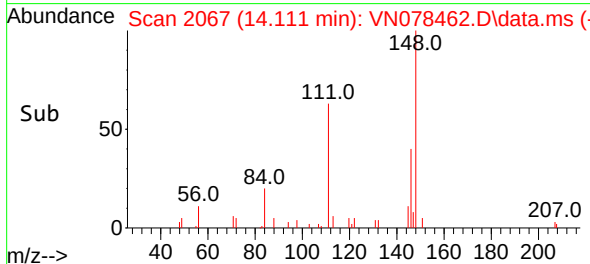
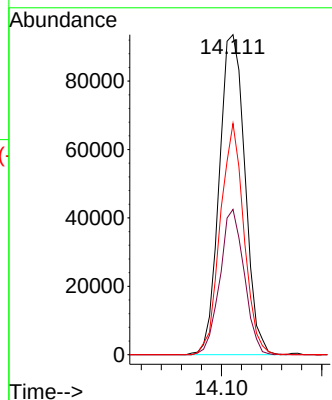
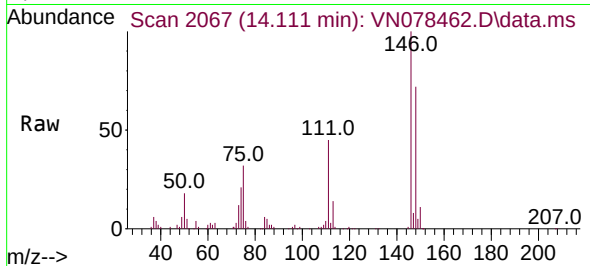




#91  
1,2-Dichlorobenzene  
Concen: 17.460 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. -0.001 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

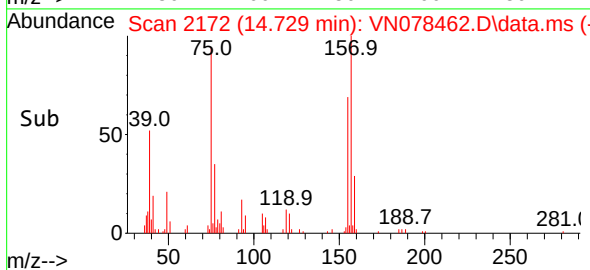
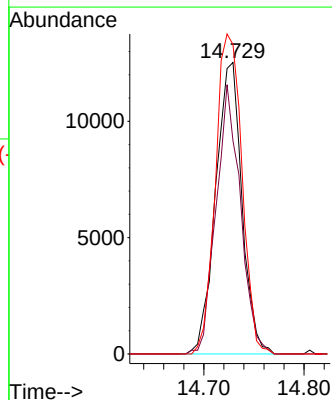
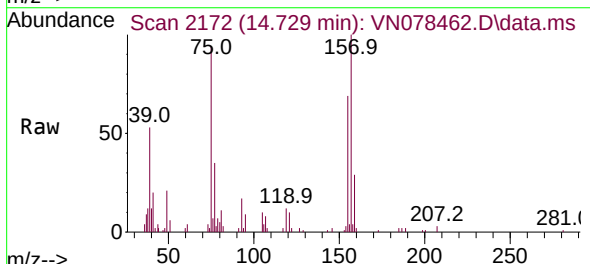
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

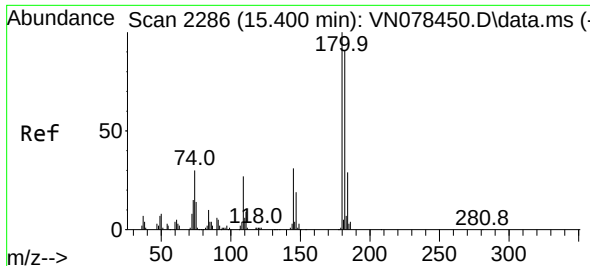
Tgt Ion:146 Resp: 166331  
Ion Ratio Lower Upper  
146 100  
111 42.9 22.0 66.0  
148 66.6 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.835 ug/l  
RT: 14.729 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion: 75 Resp: 22765  
Ion Ratio Lower Upper  
75 100  
155 85.3 39.1 117.2  
157 110.8 50.3 150.9

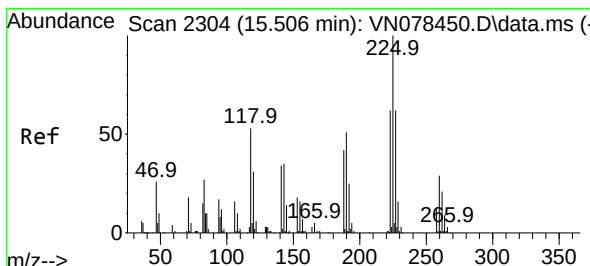
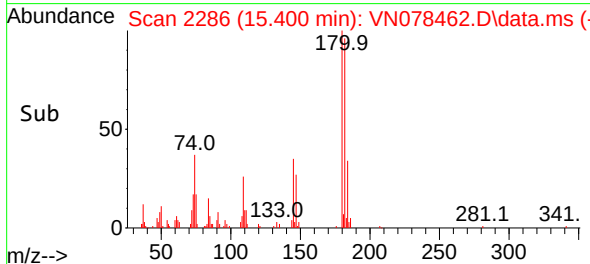
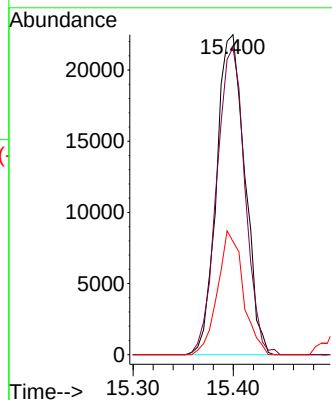
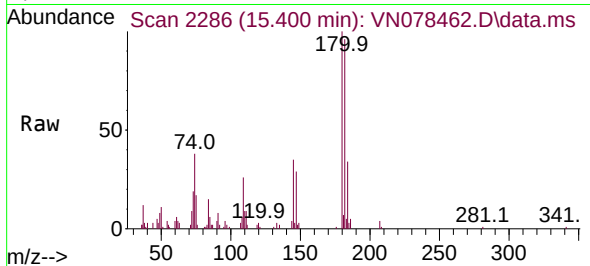




#93  
 1,2,4-Trichlorobenzene  
 Concen: 14.502 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

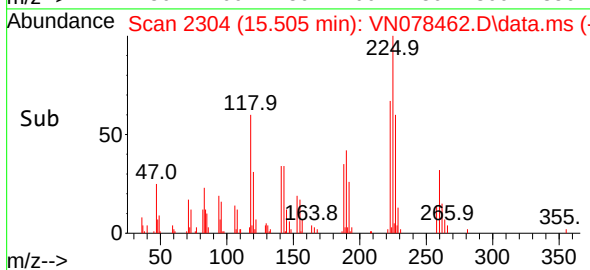
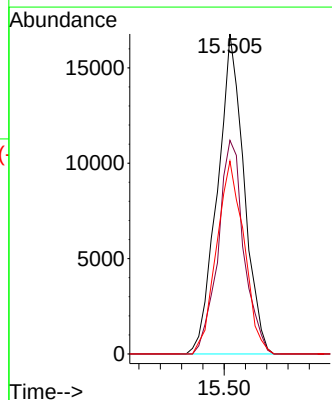
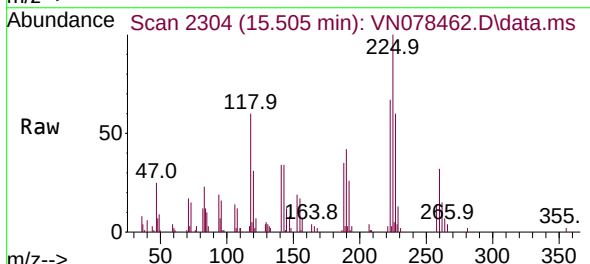
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0711WBSD01

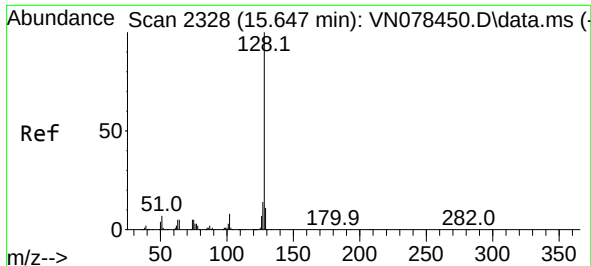
Tgt Ion:180 Resp: 44090  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 46.1 138.2  
 145 34.9 16.6 49.8



#94  
 Hexachlorobutadiene  
 Concen: 15.609 ug/l  
 RT: 15.505 min Scan# 2304  
 Delta R.T. -0.001 min  
 Lab File: VN078462.D  
 Acq: 11 Jul 2023 14:00

Tgt Ion:225 Resp: 29029  
 Ion Ratio Lower Upper  
 225 100  
 223 64.7 31.3 93.8  
 227 62.3 31.9 95.9

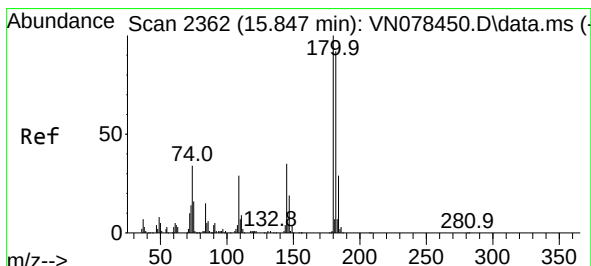
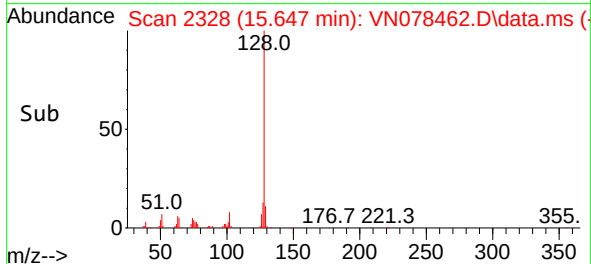
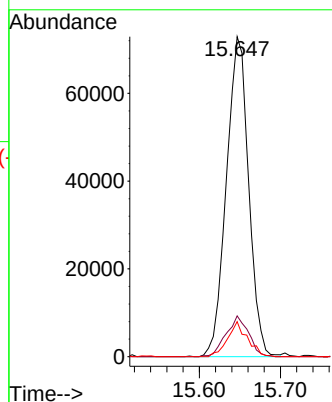
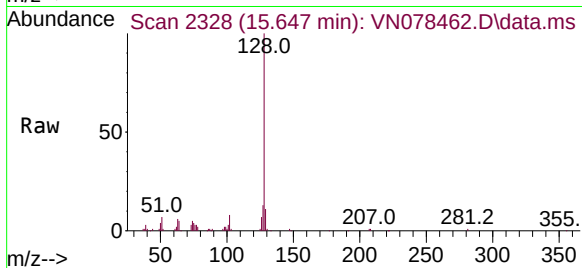




#95  
Naphthalene  
Concen: 13.355 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0711WBSD01

Tgt Ion:128 Resp: 138807  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 9.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 15.879 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VN078462.D  
Acq: 11 Jul 2023 14:00

Tgt Ion:180 Resp: 55514  
Ion Ratio Lower Upper  
180 100  
182 93.7 46.2 138.6  
145 34.2 17.5 52.6

