

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080823\  
 Data File : VN078794.D  
 Acq On : 08 Aug 2023 11:49  
 Operator : JC\MD  
 Sample : VN0808WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0808WBS01

Quant Time: Aug 09 02:47:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080723W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 05:03:52 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 156920   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 281806   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 246176   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 93188    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 123546   | 52.518   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 105.040% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 98083    | 51.539   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.080% |      |
| 50) Toluene-d8              | 10.571 | 98    | 364444   | 52.039   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.080% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 109605   | 52.367   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 104.740% |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 41224  | 17.801 | ug/l   | 95  |
| 3) Chloromethane             | 2.371 | 50  | 48404  | 17.919 | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.524 | 62  | 46689  | 18.305 | ug/l   | 96  |
| 5) Bromomethane              | 2.959 | 94  | 33808  | 18.716 | ug/l   | 89  |
| 6) Chloroethane              | 3.124 | 64  | 32109  | 19.146 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 63479  | 18.119 | ug/l   | 96  |
| 8) Diethyl Ether             | 3.977 | 74  | 22792  | 17.829 | ug/l # | 54  |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 35050  | 19.207 | ug/l   | 98  |
| 10) Methyl Iodide            | 4.595 | 142 | 40890  | 17.450 | ug/l # | 94  |
| 11) Tert butyl alcohol       | 5.542 | 59  | 31535  | 76.381 | ug/l # | 83  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 33070  | 18.032 | ug/l   | 97  |
| 13) Acrolein                 | 4.189 | 56  | 28507  | 81.605 | ug/l   | 89  |
| 14) Allyl chloride           | 5.030 | 41  | 63736  | 20.873 | ug/l # | 87  |
| 15) Acrylonitrile            | 5.741 | 53  | 93244  | 86.724 | ug/l   | 98  |
| 16) Acetone                  | 4.436 | 43  | 82044  | 90.643 | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.724 | 76  | 91944  | 17.575 | ug/l   | 95  |
| 18) Methyl Acetate           | 5.036 | 43  | 69698  | 17.145 | ug/l # | 82  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 112927 | 18.229 | ug/l   | 93  |
| 20) Methylene Chloride       | 5.283 | 84  | 42977  | 19.172 | ug/l # | 90  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 36643  | 17.855 | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.683 | 45  | 135991 | 18.538 | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.612 | 43  | 401199 | 87.148 | ug/l # | 83  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 73256  | 18.364 | ug/l   | 99  |
| 25) 2-Butanone               | 7.494 | 43  | 131799 | 85.990 | ug/l # | 76  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 59194  | 21.249 | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 41903  | 17.784 | ug/l   | 82  |
| 28) Bromochloromethane       | 7.824 | 49  | 42790  | 19.796 | ug/l # | 72  |
| 29) Tetrahydrofuran          | 7.853 | 42  | 87504  | 85.313 | ug/l # | 72  |
| 30) Chloroform               | 7.977 | 83  | 72455  | 18.034 | ug/l   | 98  |
| 31) Cyclohexane              | 8.265 | 56  | 63469  | 18.362 | ug/l # | 77  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 63954  | 18.728 | ug/l # | 91  |
| 36) 1,1-Dichloropropene      | 8.382 | 75  | 55573  | 18.823 | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.571 | 43  | 51498  | 16.405 | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 54874  | 18.029 | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.606 | 83  | 50762  | 18.407 | ug/l # | 81  |
| 40) Benzene                  | 8.612 | 78  | 159667 | 17.880 | ug/l   | 99  |

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 Sample : VN0808WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0808WBS01

Quant Time: Aug 09 02:47:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080723W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 05:03:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 31664    | 18.141  | ug/l # | 79       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 58909    | 18.353  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 94659    | 17.885  | ug/l # | 87       |
| 44) Trichloroethene           | 9.359  | 130  | 40376    | 18.461  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 43591    | 18.209  | ug/l   | 90       |
| 46) Dibromomethane            | 9.718  | 93   | 29292    | 18.385  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.894  | 83   | 58409    | 18.418  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 43833    | 17.925  | ug/l # | 74       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 13805    | 347.648 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 278118   | 85.792  | ug/l # | 86       |
| 52) Toluene                   | 10.635 | 92   | 99725    | 18.286  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 58970    | 18.199  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 66246    | 18.818  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 38778    | 17.888  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 54381    | 17.299  | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 69513    | 18.443  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 109892   | 97.372  | ug/l # | 88       |
| 59) 2-Hexanone                | 11.200 | 43   | 194394   | 84.687  | ug/l   | 83       |
| 60) Dibromochloromethane      | 11.365 | 129  | 39688    | 17.443  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 38001    | 17.698  | ug/l   | 94       |
| 64) Tetrachloroethene         | 11.112 | 164  | 36935    | 19.472  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.900 | 112  | 101611   | 18.125  | ug/l   | 89       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 39139    | 18.025  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.970 | 91   | 179142   | 17.939  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.082 | 106  | 136951   | 37.173  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 63790    | 17.639  | ug/l   | 95       |
| 70) Styrene                   | 12.418 | 104  | 103107   | 18.166  | ug/l   | 98       |
| 71) Bromoform                 | 12.588 | 173  | 25176    | 16.623  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 162769   | 17.747  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 65647    | 15.779  | ug/l # | 84       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 54204    | 17.390  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 63825    | 25.332  | ug/l   | 70       |
| 77) Bromobenzene              | 12.982 | 156  | 37821    | 17.575  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 180187   | 17.875  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 117618   | 18.161  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 124172   | 16.901  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 17765    | 18.920  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 104924   | 17.710  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.447 | 119  | 107069   | 17.497  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 120684   | 17.091  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 140659   | 17.579  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 103194   | 16.220  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 59708    | 17.372  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 57706    | 16.937  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.064 | 91   | 75363    | 15.787  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.341 | 117  | 21327    | 16.173  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 58438    | 17.650  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 7612     | 15.921  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 13105    | 14.087  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.511 | 225  | 11424    | 16.323  | ug/l   | 96       |
| 95) Naphthalene               | 15.647 | 128  | 34831    | 11.217  | ug/l # | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 15824    | 14.284  | ug/l   | 91       |

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Operator : JC\MD  
Sample : VN0808WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

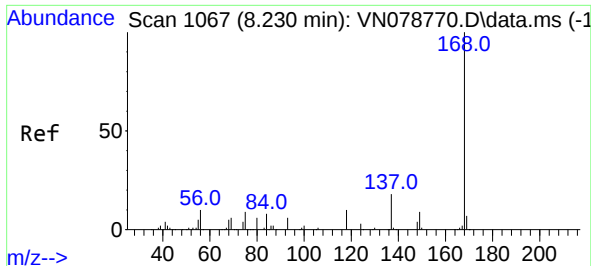
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

Quant Time: Aug 09 02:47:27 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080723W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 08 05:03:52 2023  
Response via : Initial Calibration

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

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

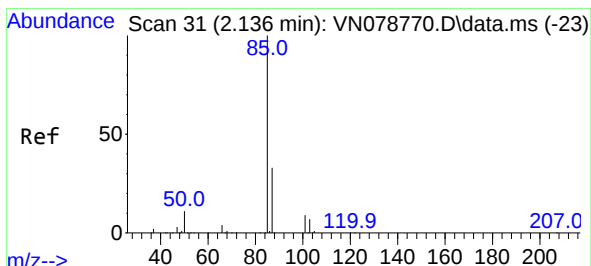
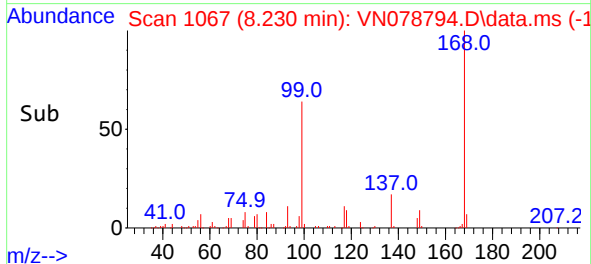
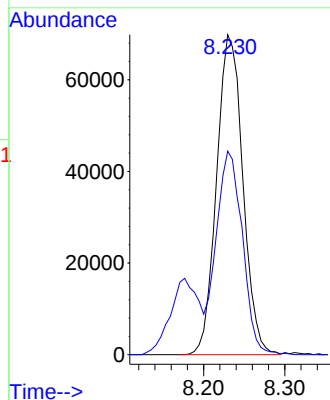
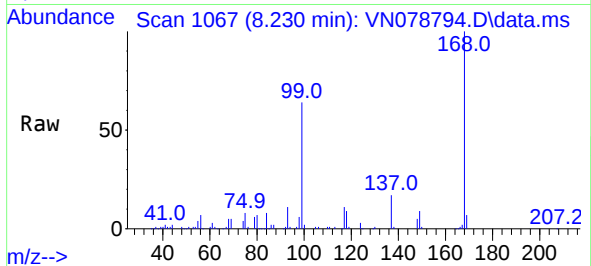




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

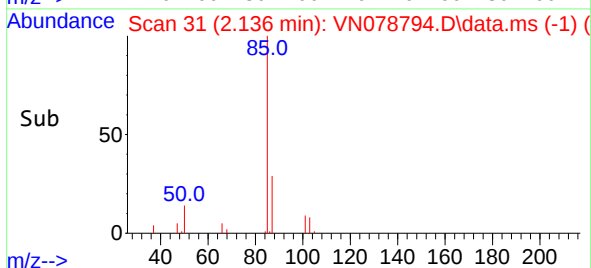
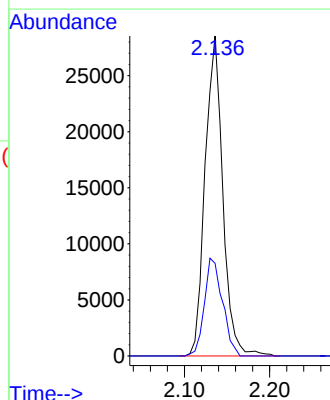
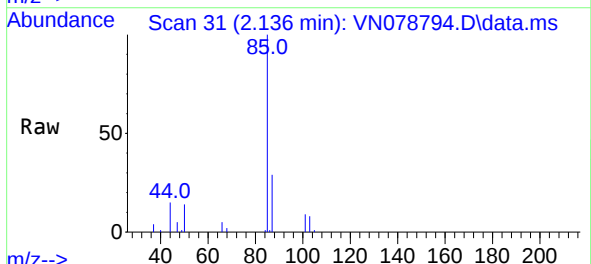
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

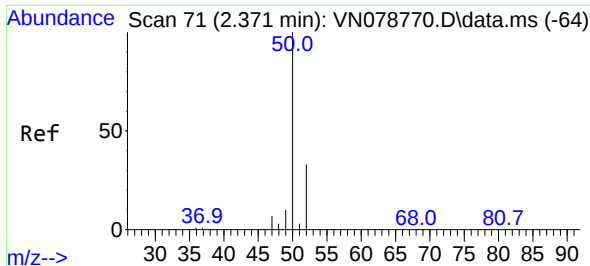
Tgt Ion:168 Resp: 156920  
Ion Ratio Lower Upper  
168 100  
99 63.3 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 17.801 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 85 Resp: 41224  
Ion Ratio Lower Upper  
85 100  
87 29.0 15.8 47.4

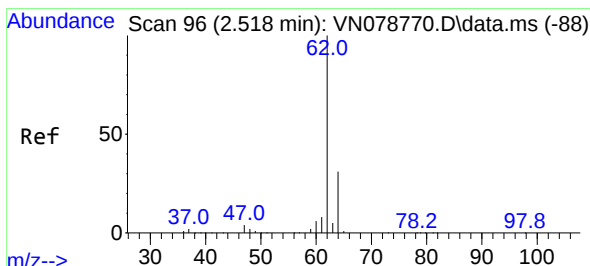
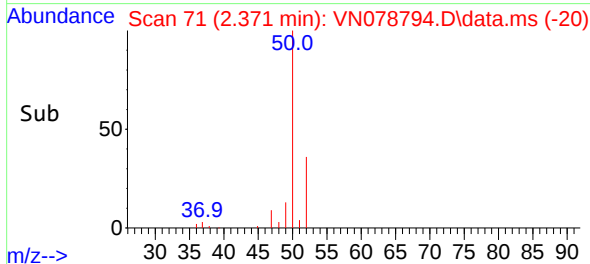
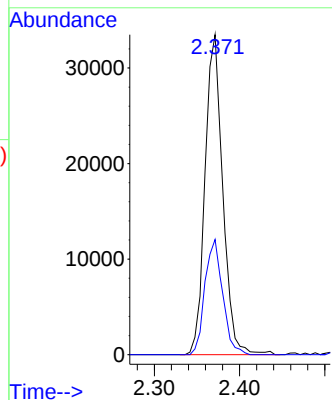
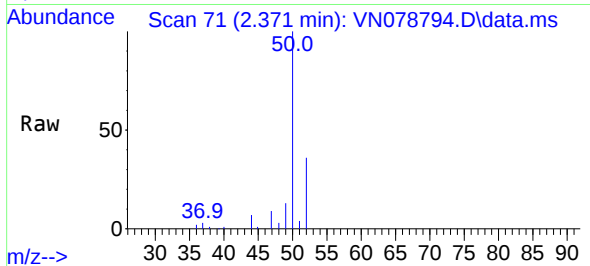




#3  
Chloromethane  
Concen: 17.919 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

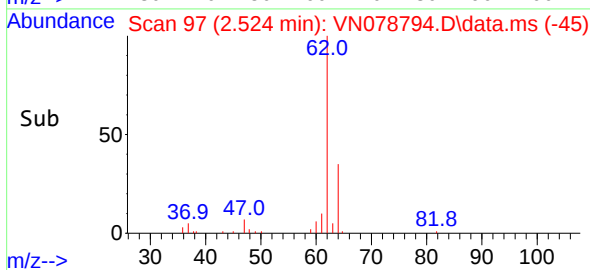
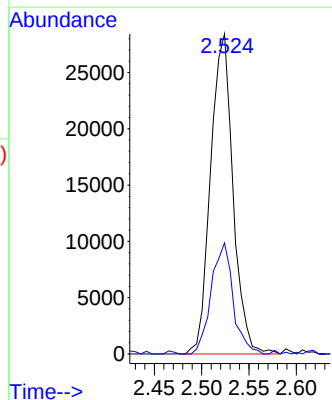
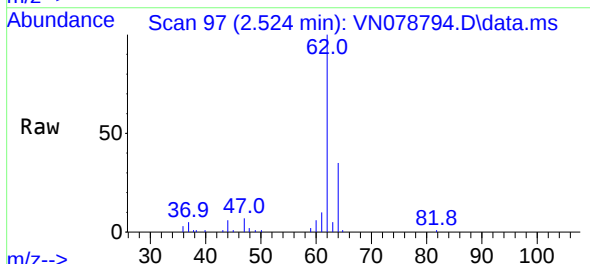
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ClientSampleId :  
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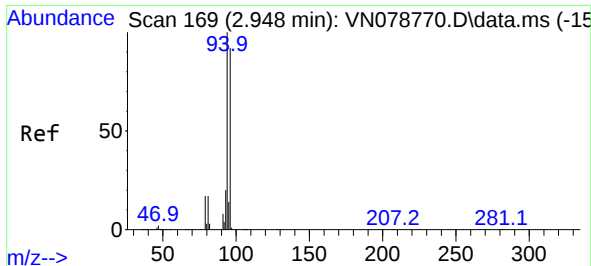
Tgt Ion: 50 Resp: 48404  
Ion Ratio Lower Upper  
50 100  
52 36.0 26.5 39.7



#4  
Vinyl Chloride  
Concen: 18.305 ug/l  
RT: 2.524 min Scan# 97  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 62 Resp: 46689  
Ion Ratio Lower Upper  
62 100  
64 34.7 26.2 39.2

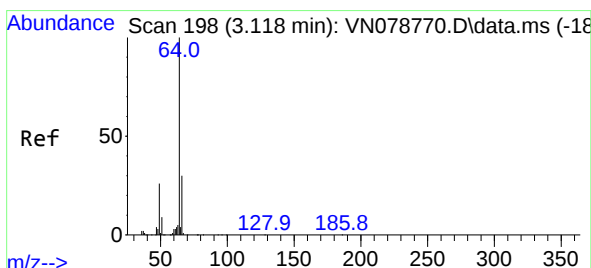
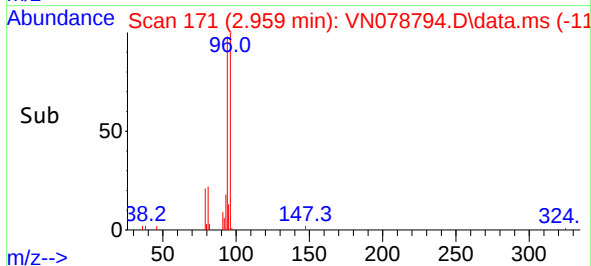
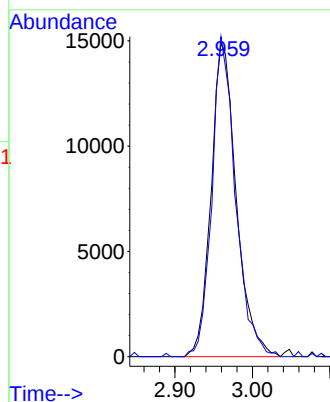
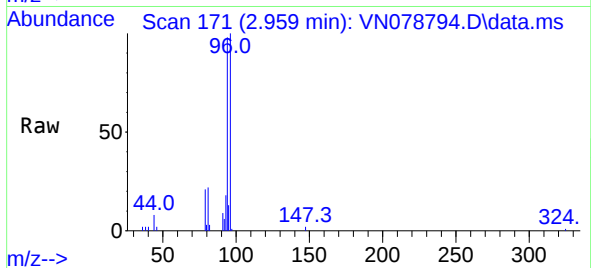




#5  
Bromomethane  
Concen: 18.716 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

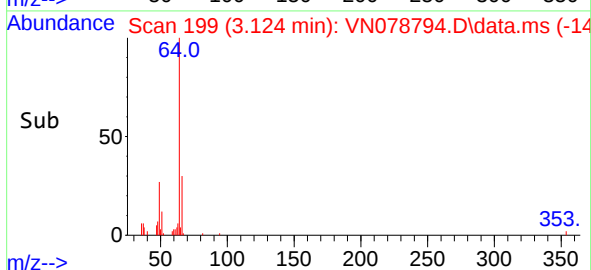
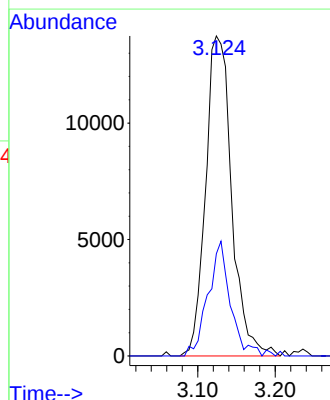
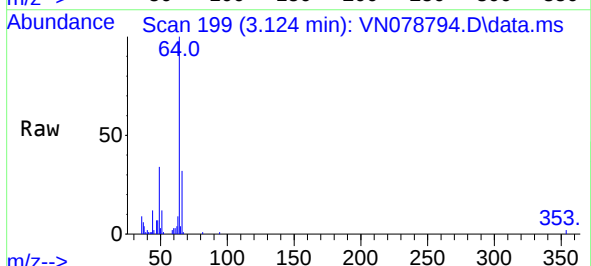
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

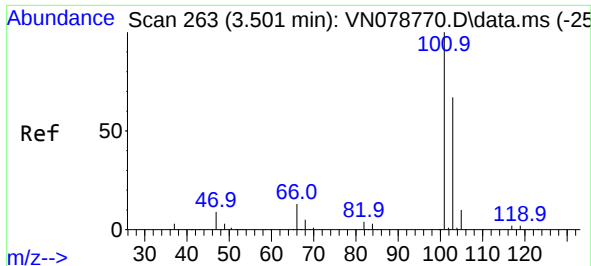
Tgt Ion: 94 Resp: 33808  
Ion Ratio Lower Upper  
94 100  
96 102.1 73.1 109.7



#6  
Chloroethane  
Concen: 19.146 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 64 Resp: 32109  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.2

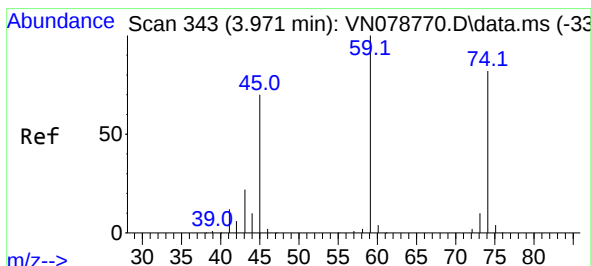
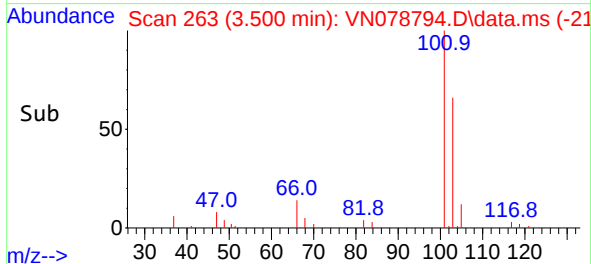
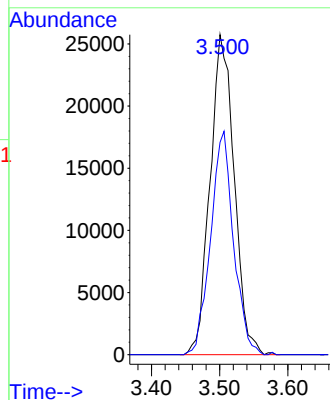
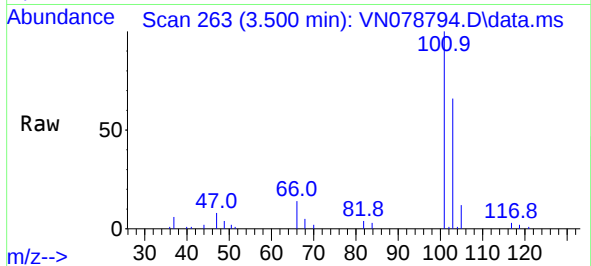




#7  
Trichlorofluoromethane  
Concen: 18.119 ug/l  
RT: 3.500 min Scan# 210  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

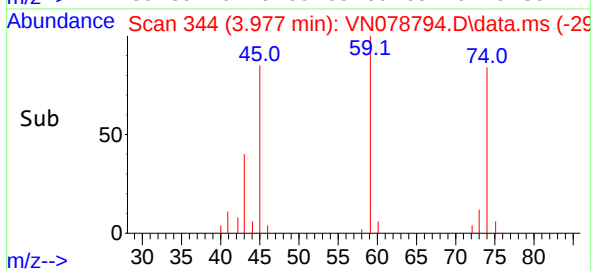
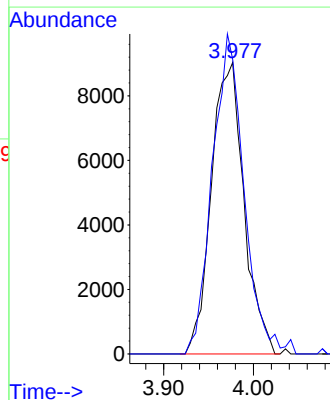
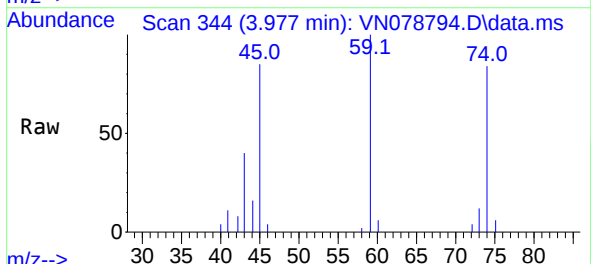
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

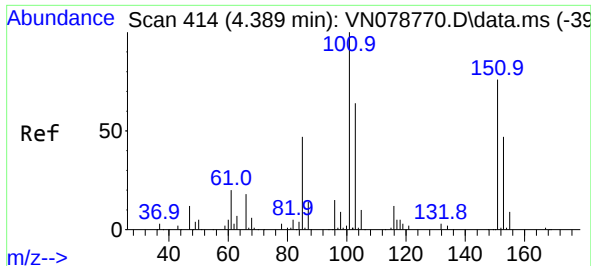
Tgt Ion:101 Resp: 63479  
Ion Ratio Lower Upper  
101 100  
103 66.4 50.7 76.1



#8  
Diethyl Ether  
Concen: 17.829 ug/l  
RT: 3.977 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 74 Resp: 22792  
Ion Ratio Lower Upper  
74 100  
45 106.7 34.4 103.3#

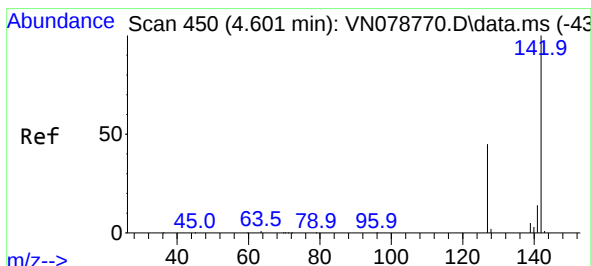
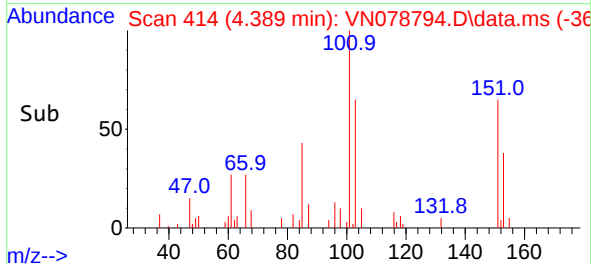
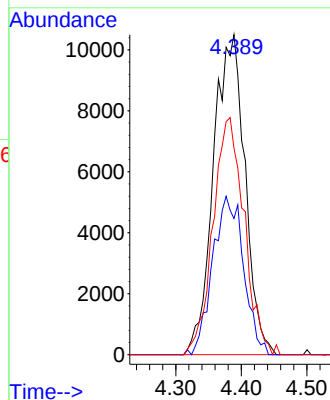
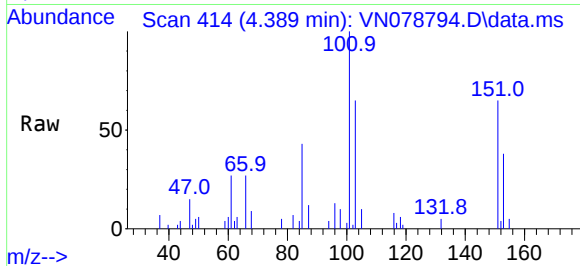




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.207 ug/l  
RT: 4.389 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

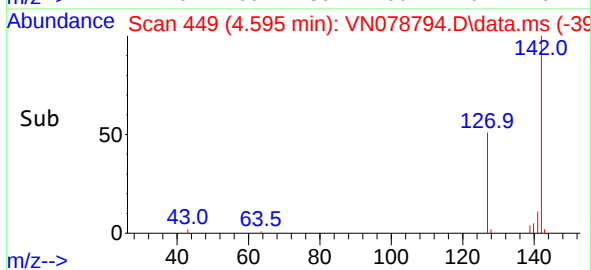
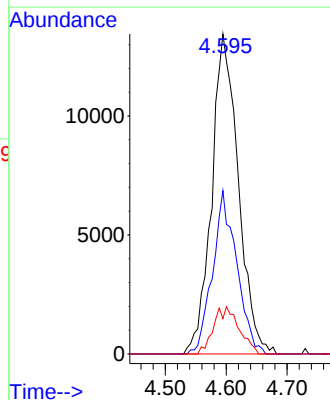
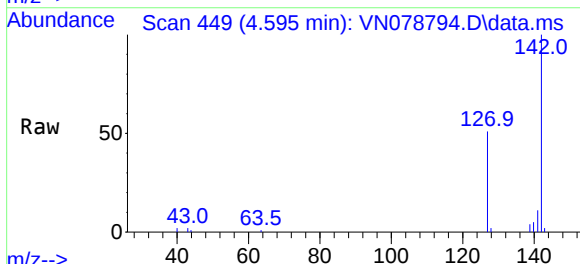
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

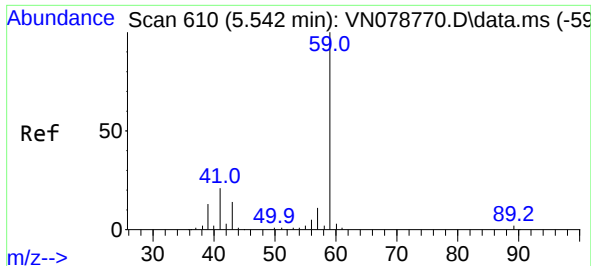
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 35050       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 48.4  | 36.6 55.0   |
| 151         | 73.1  | 57.6 86.4   |



#10  
Methyl Iodide  
Concen: 17.450 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 40890       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 51.0  | 37.6 56.4   |
| 141         | 11.0  | 11.4 17.0   |





#11

Tert butyl alcohol

Concen: 76.381 ug/l

RT: 5.542 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

Instrument :

MSVOA\_N

ClientSampleId :

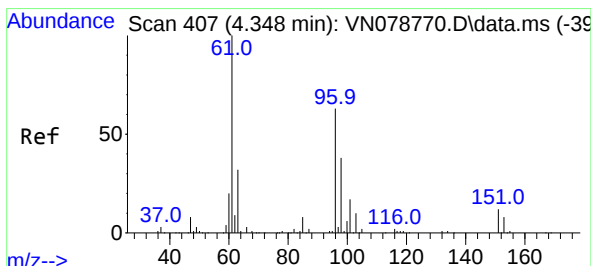
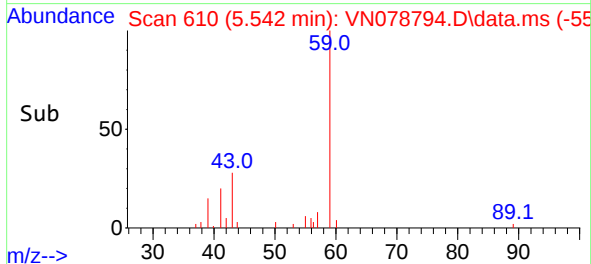
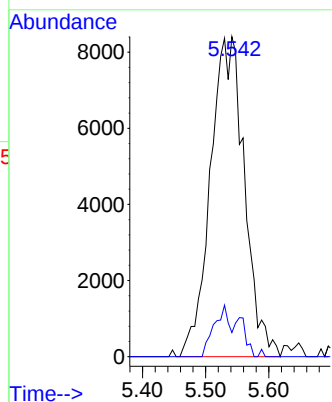
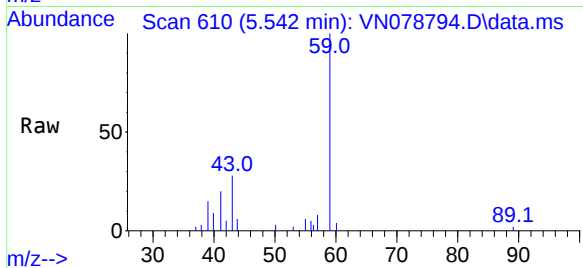
VN0808WBS01

Tgt Ion: 59 Resp: 31535

Ion Ratio Lower Upper

59 100

57 4.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 18.032 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

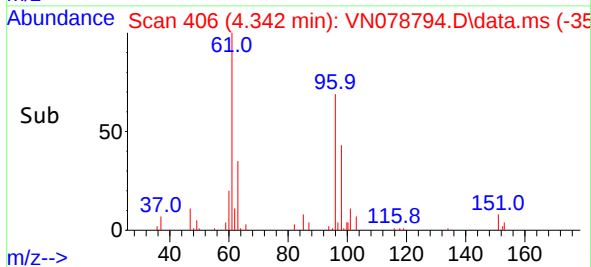
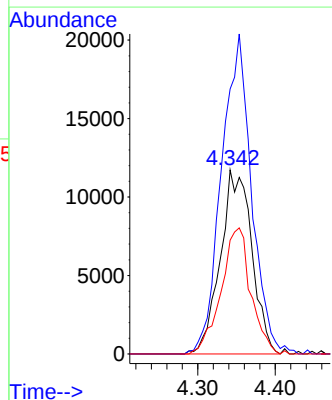
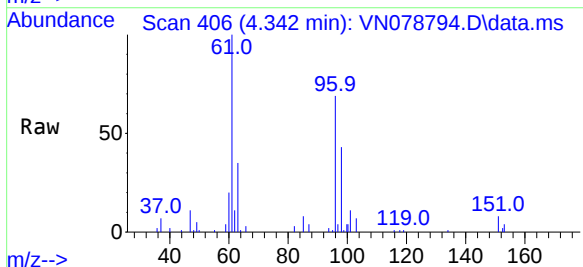
Tgt Ion: 96 Resp: 33070

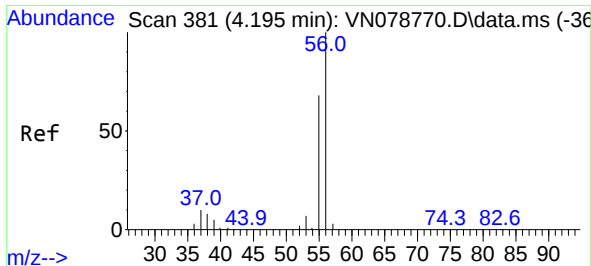
Ion Ratio Lower Upper

96 100

61 144.1 112.7 169.1

98 61.9 51.2 76.8

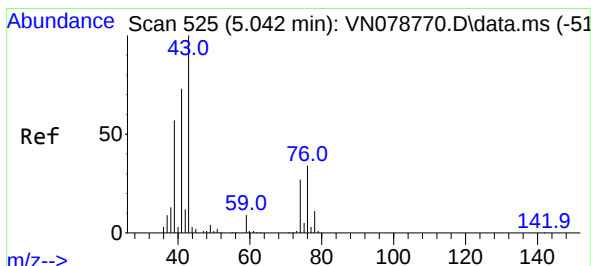
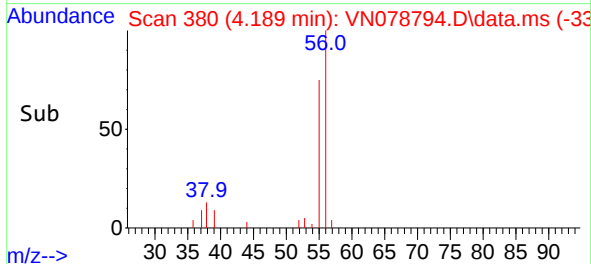
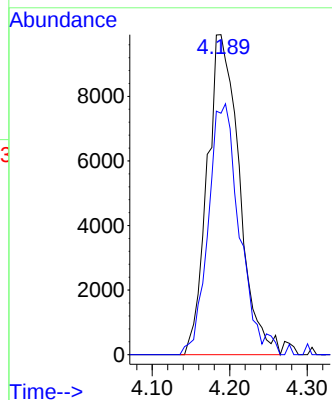
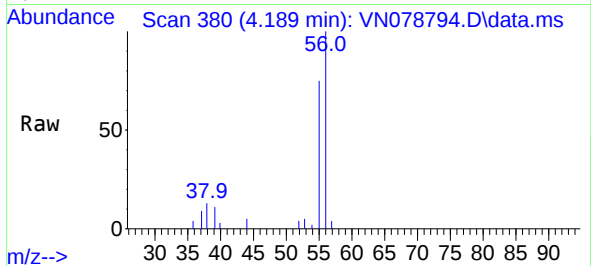




#13  
Acrolein  
Concen: 81.605 ug/l  
RT: 4.189 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

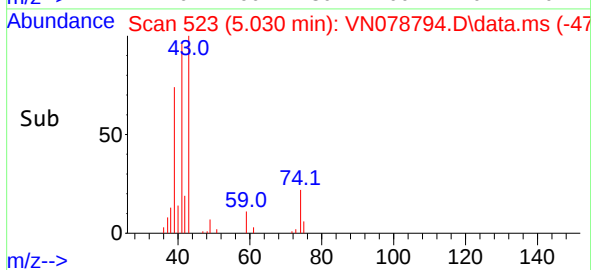
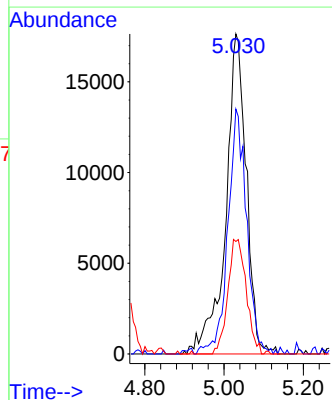
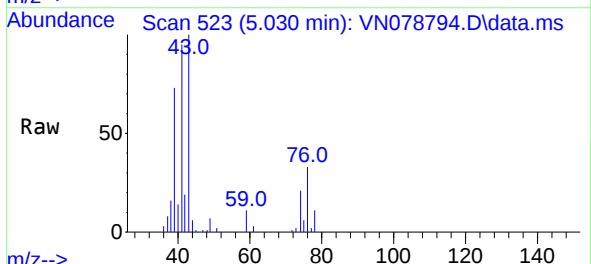
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

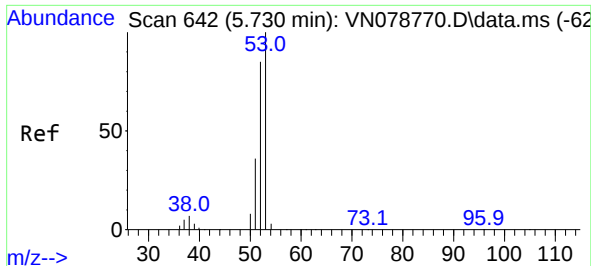
Tgt Ion: 56 Resp: 28507  
Ion Ratio Lower Upper  
56 100  
55 76.7 54.5 81.7



#14  
Allyl chloride  
Concen: 20.873 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.012 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 41 Resp: 63736  
Ion Ratio Lower Upper  
41 100  
39 69.5 58.8 88.2  
76 32.0 39.1 58.7#

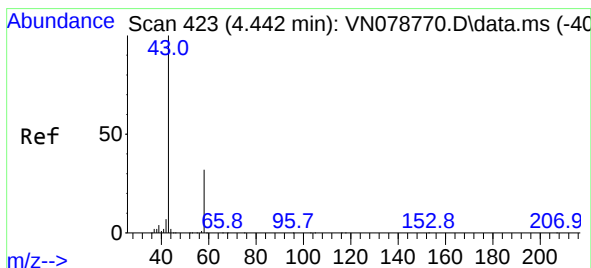
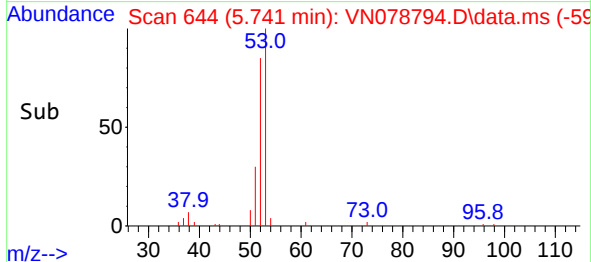
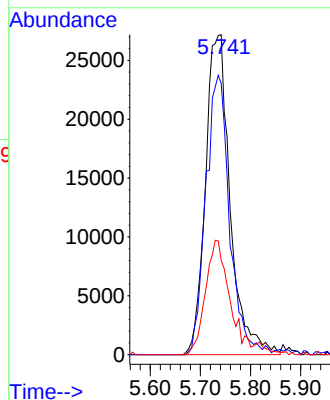
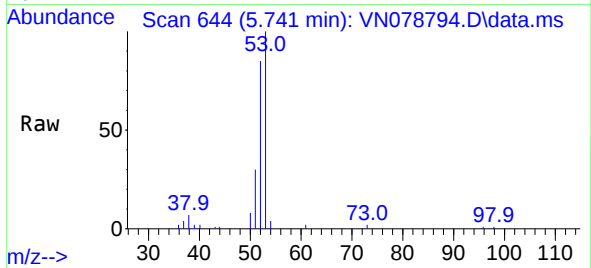




#15  
Acrylonitrile  
Concen: 86.724 ug/l  
RT: 5.741 min Scan# 64  
Delta R.T. 0.011 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

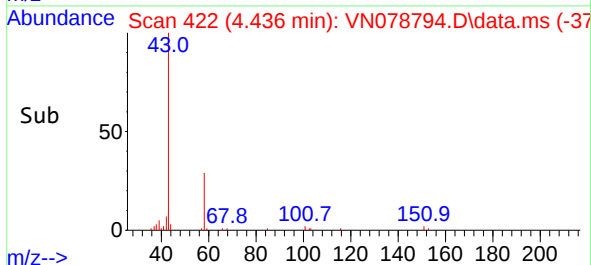
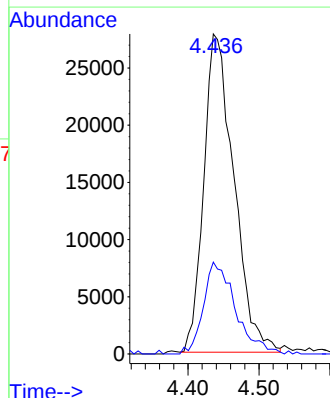
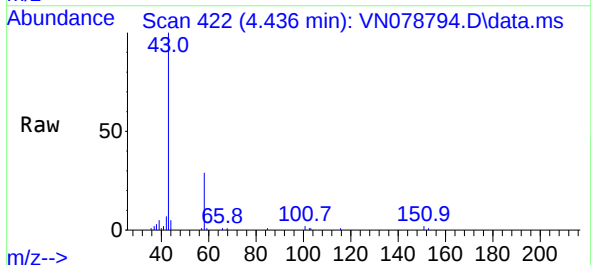
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

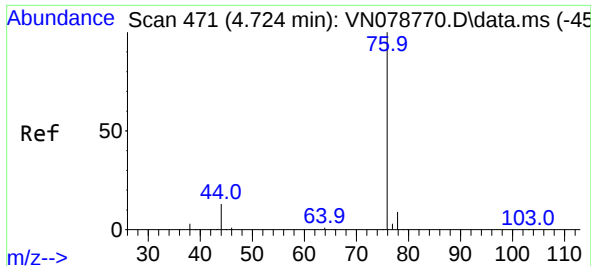
Tgt Ion: 53 Resp: 93244  
Ion Ratio Lower Upper  
53 100  
52 83.4 65.3 97.9  
51 34.7 28.9 43.3



#16  
Acetone  
Concen: 90.643 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 43 Resp: 82044  
Ion Ratio Lower Upper  
43 100  
58 28.9 28.0 42.0

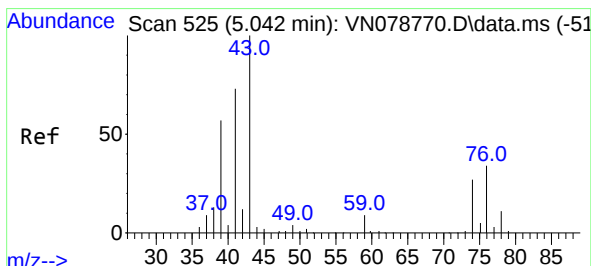
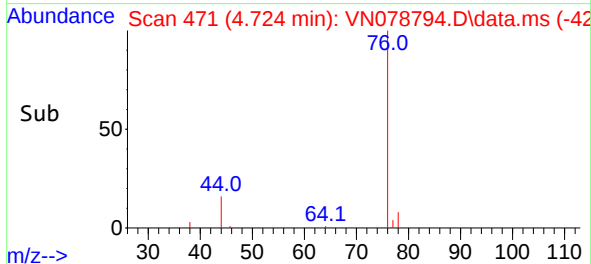
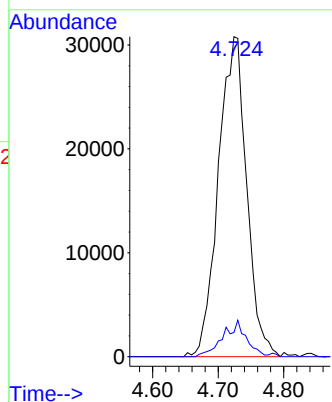
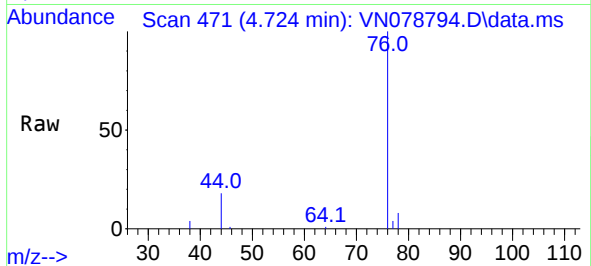




#17  
Carbon Disulfide  
Concen: 17.575 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

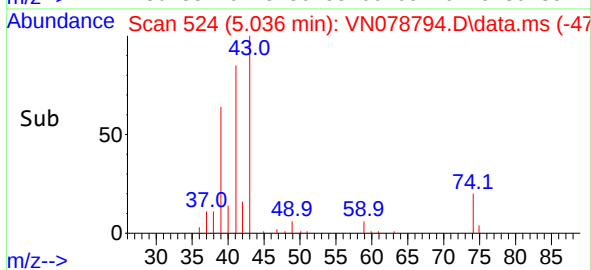
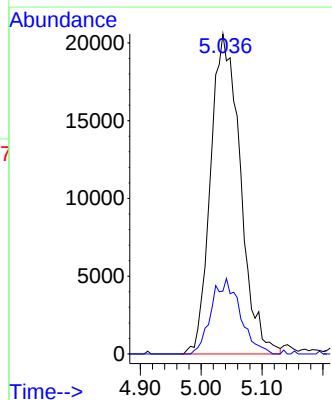
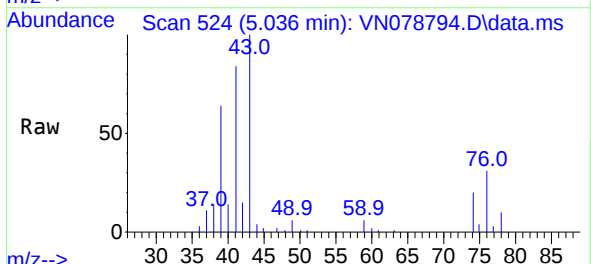
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

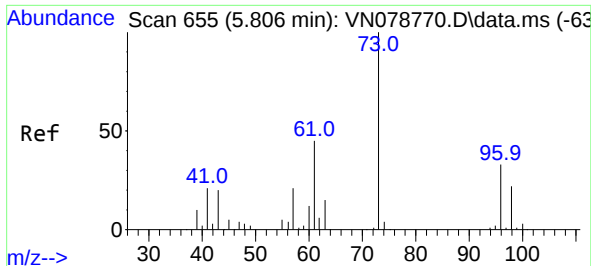
Tgt Ion: 76 Resp: 91944  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 17.145 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 43 Resp: 69698  
Ion Ratio Lower Upper  
43 100  
74 22.9 26.2 39.4#

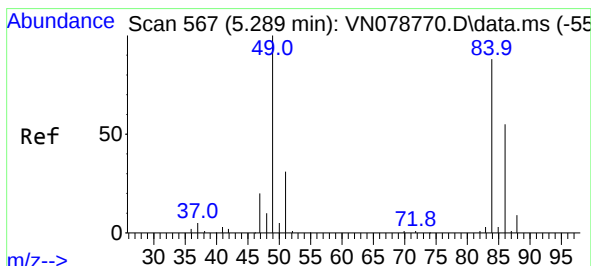
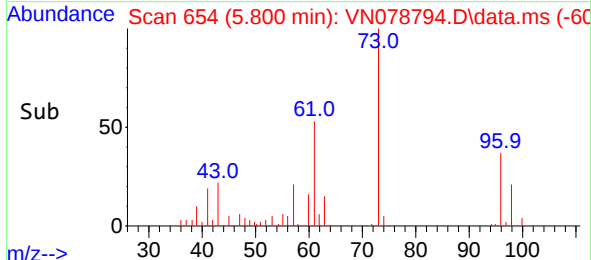
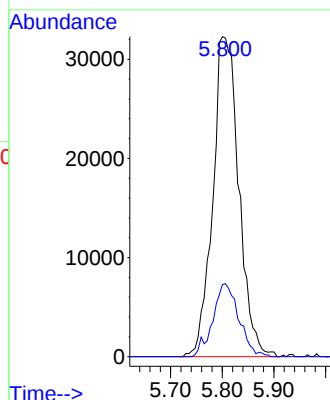
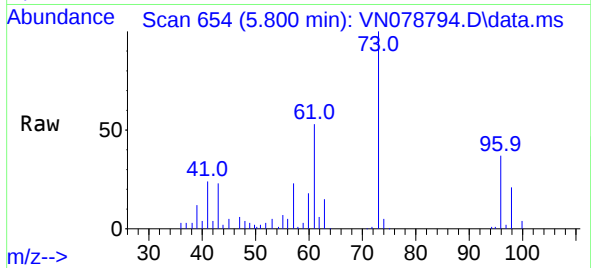




#19  
Methyl tert-butyl Ether  
Concen: 18.229 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

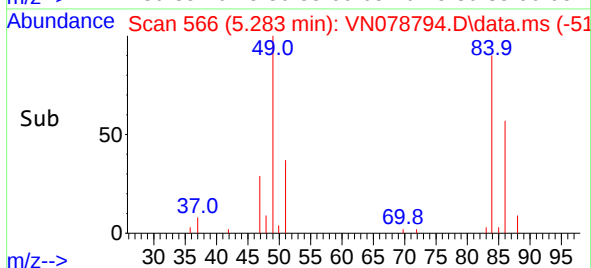
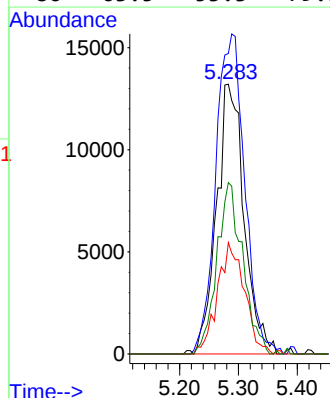
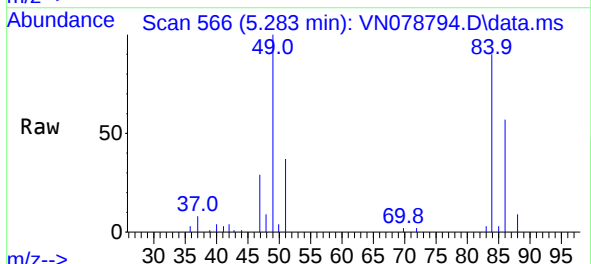
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

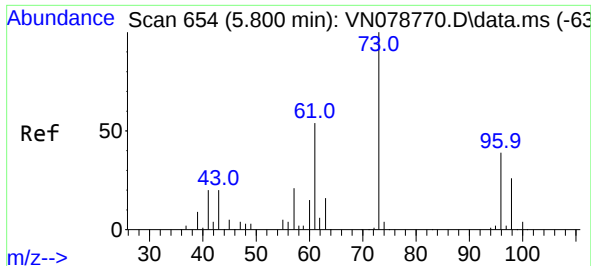
Tgt Ion: 73 Resp: 112927  
Ion Ratio Lower Upper  
73 100  
57 22.6 15.6 23.4



#20  
Methylene Chloride  
Concen: 19.172 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 84 Resp: 42977  
Ion Ratio Lower Upper  
84 100  
49 111.4 79.7 119.5  
51 41.3 25.2 37.8#  
86 63.5 53.3 79.9

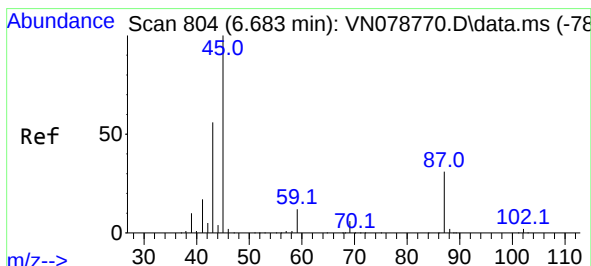
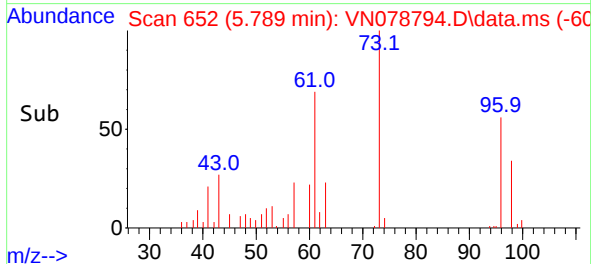
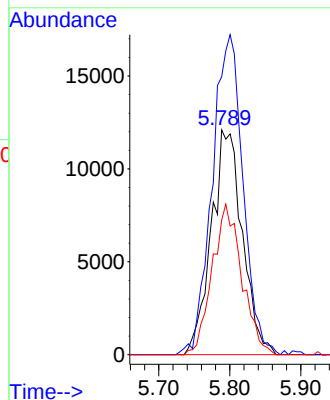
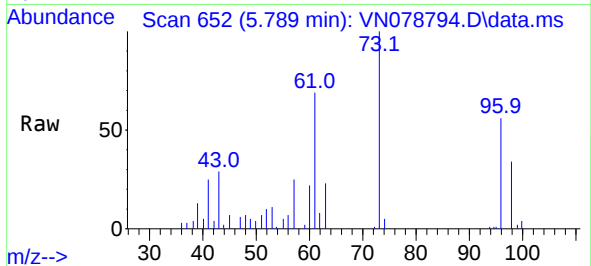




#21  
trans-1,2-Dichloroethene  
Concen: 17.855 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

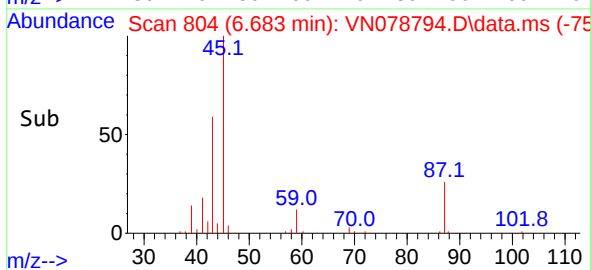
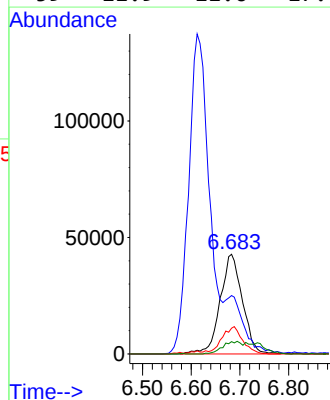
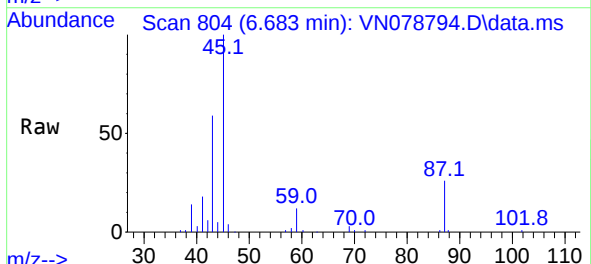
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

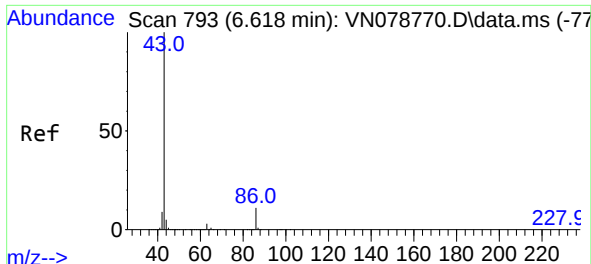
Tgt Ion: 96 Resp: 36643  
Ion Ratio Lower Upper  
96 100  
61 123.5 90.1 135.1  
98 59.8 46.4 69.6



#22  
Diisopropyl ether  
Concen: 18.538 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 45 Resp: 135991  
Ion Ratio Lower Upper  
45 100  
43 57.0 45.5 68.3  
87 25.8 31.8 47.8#  
59 11.9 11.6 17.4

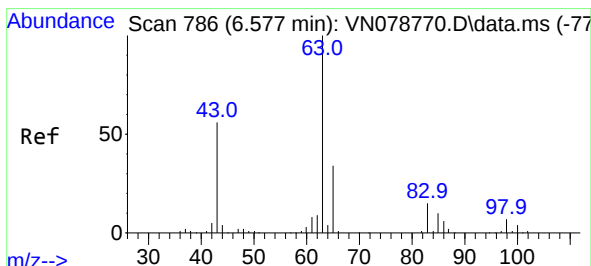
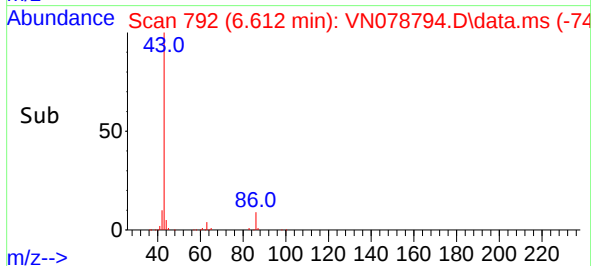
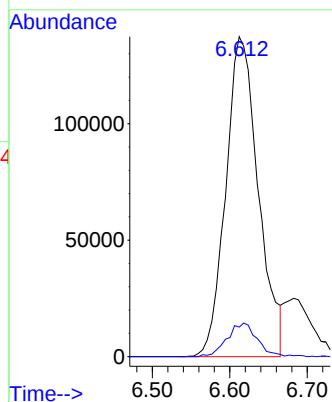
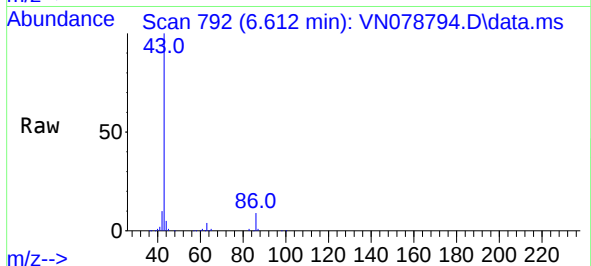




#23  
 Vinyl Acetate  
 Concen: 87.148 ug/l  
 RT: 6.612 min Scan# 793  
 Delta R.T. -0.006 min  
 Lab File: VN078794.D  
 Acq: 08 Aug 2023 11:49

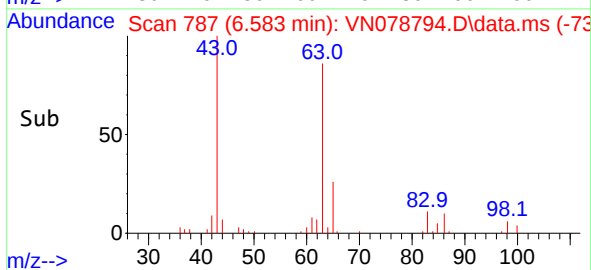
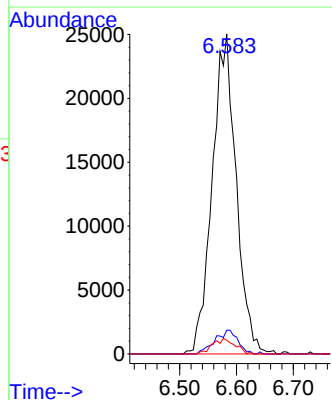
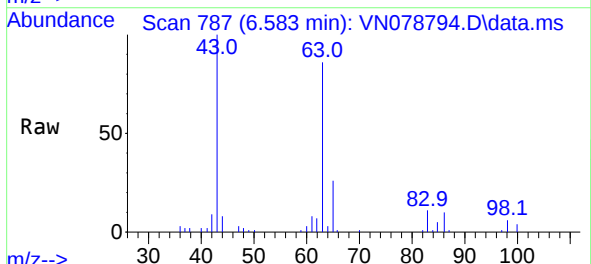
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0808WBS01

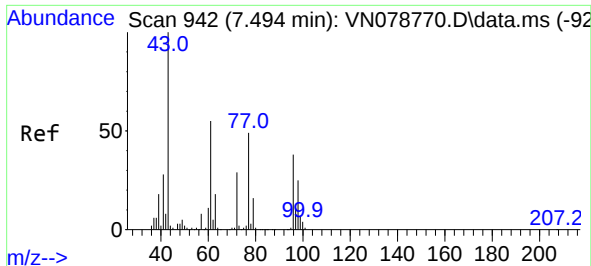
Tgt Ion: 43 Resp: 401199  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 18.364 ug/l  
 RT: 6.583 min Scan# 787  
 Delta R.T. 0.006 min  
 Lab File: VN078794.D  
 Acq: 08 Aug 2023 11:49

Tgt Ion: 63 Resp: 73256  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.9 11.7  
 100 4.3 2.5 7.4

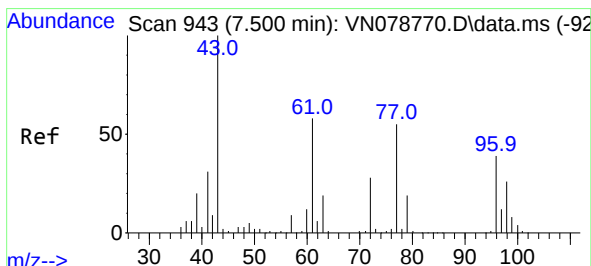
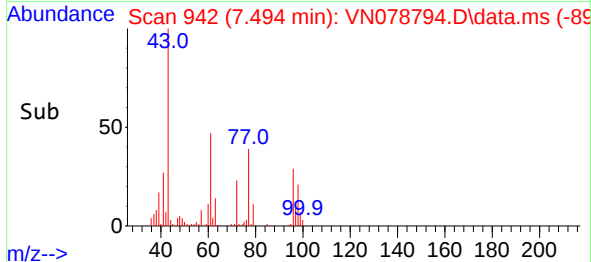
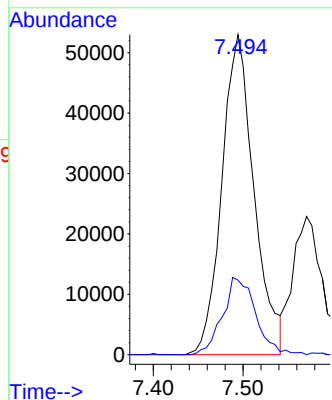
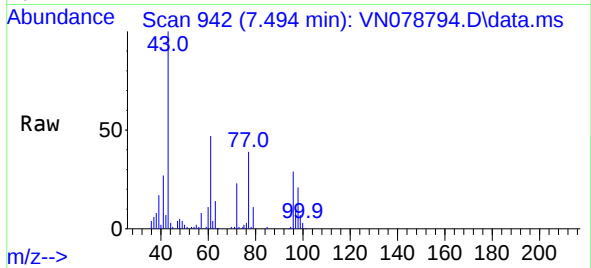




#25  
2-Butanone  
Concen: 85.990 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

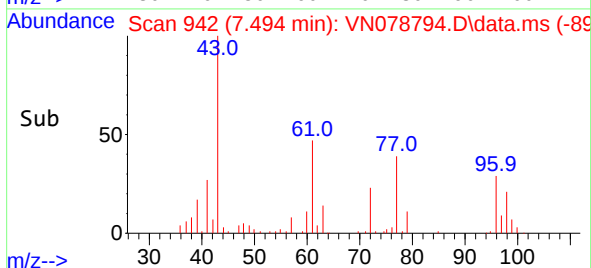
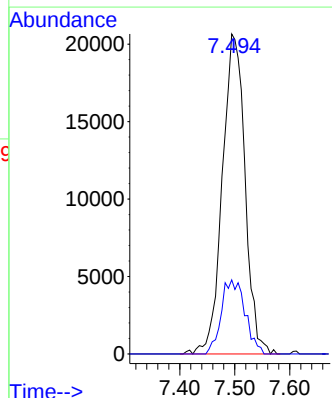
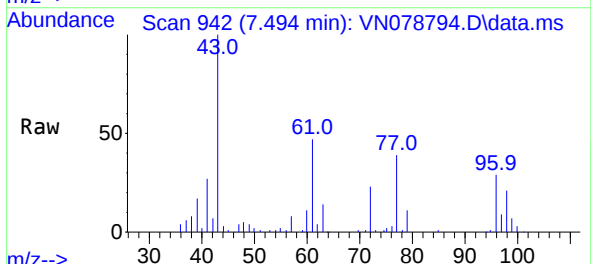
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

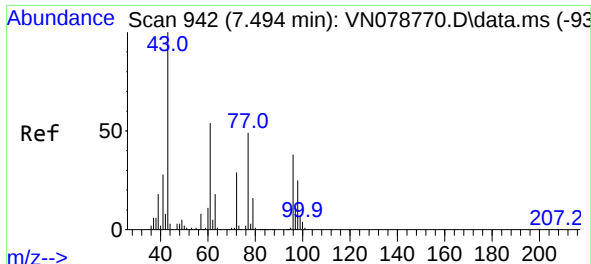
Tgt Ion: 43 Resp: 131799  
Ion Ratio Lower Upper  
43 100  
72 23.3 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 21.249 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 77 Resp: 59194  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.2 33.6

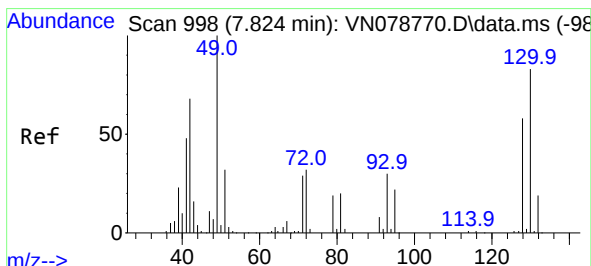
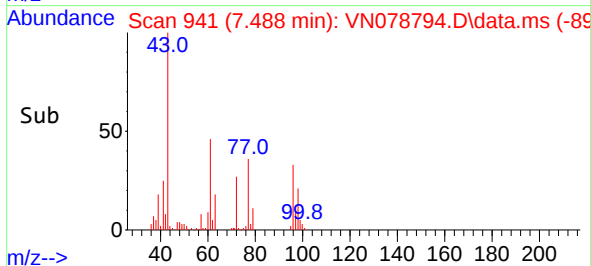
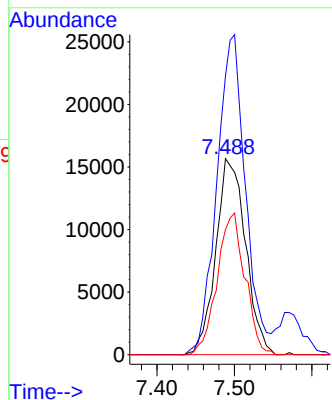
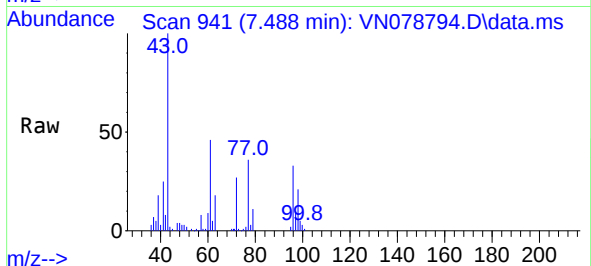




#27  
cis-1,2-Dichloroethene  
Concen: 17.784 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

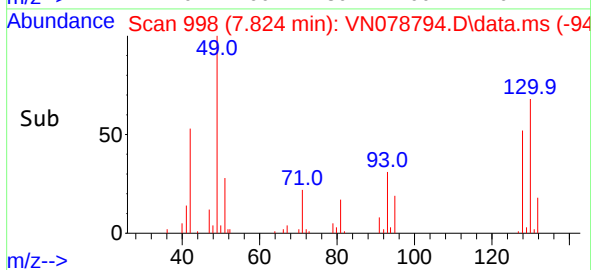
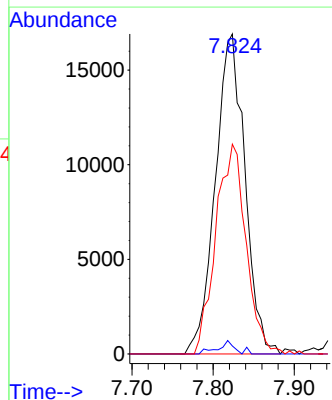
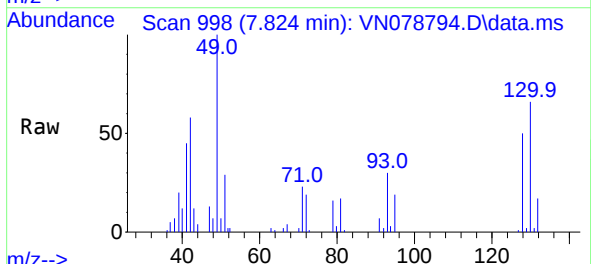
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

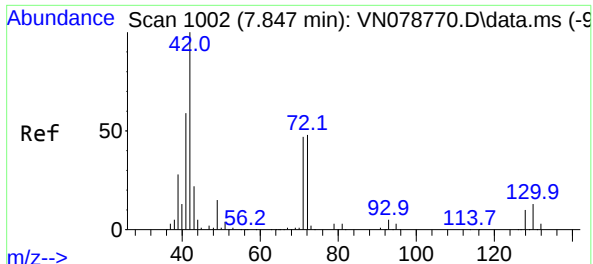
Tgt Ion: 96 Resp: 41903  
Ion Ratio Lower Upper  
96 100  
61 157.0 0.0 255.2  
98 67.6 0.0 128.8



#28  
Bromochloromethane  
Concen: 19.796 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 49 Resp: 42790  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.8  
130 66.8 75.3 112.9#

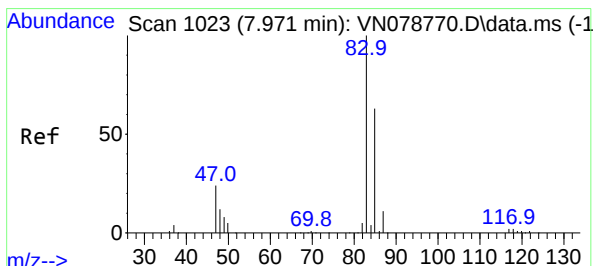
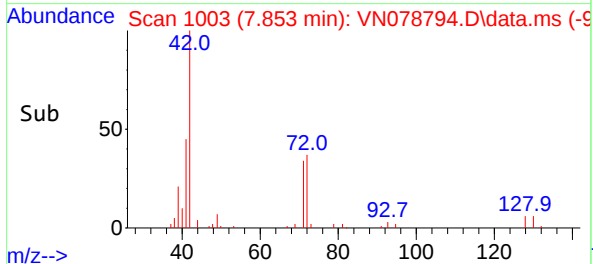
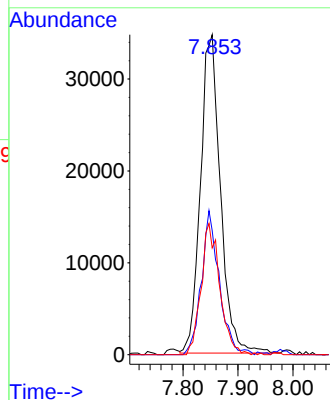
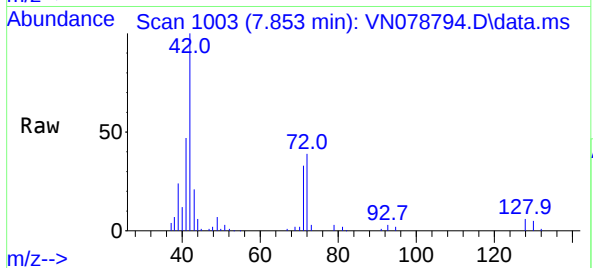




#29  
Tetrahydrofuran  
Concen: 85.313 ug/l  
RT: 7.853 min Scan# 1003  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

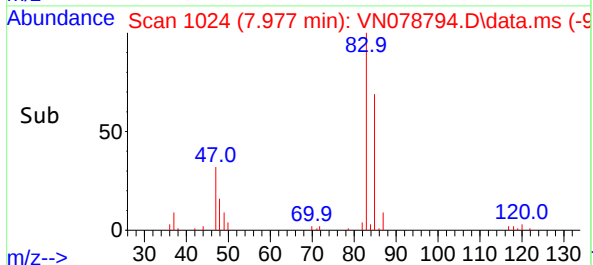
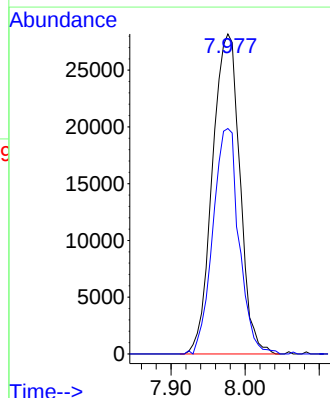
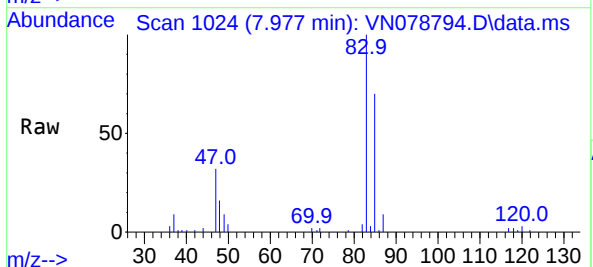
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

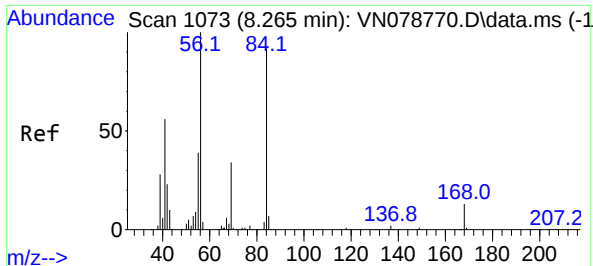
Tgt Ion: 42 Resp: 87504  
Ion Ratio Lower Upper  
42 100  
72 40.6 49.8 74.6#  
71 38.5 47.4 71.2#



#30  
Chloroform  
Concen: 18.034 ug/l  
RT: 7.977 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 83 Resp: 72455  
Ion Ratio Lower Upper  
83 100  
85 70.5 55.4 83.0

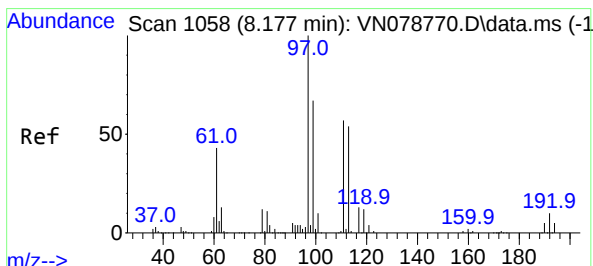
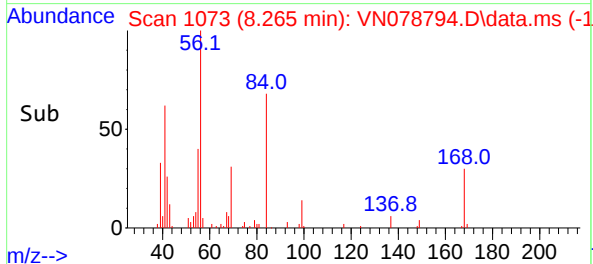
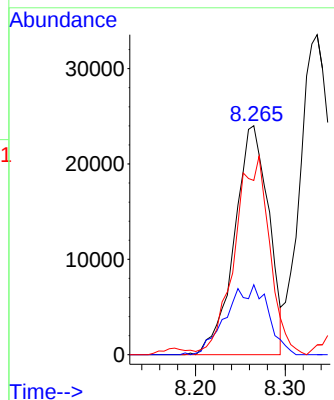
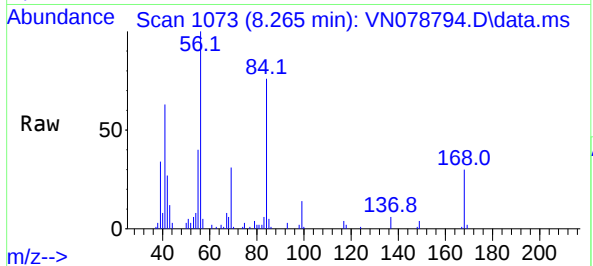




#31  
Cyclohexane  
Concen: 18.362 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

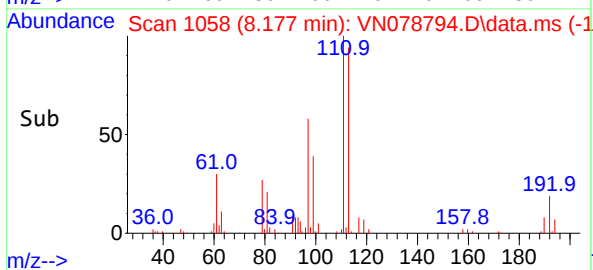
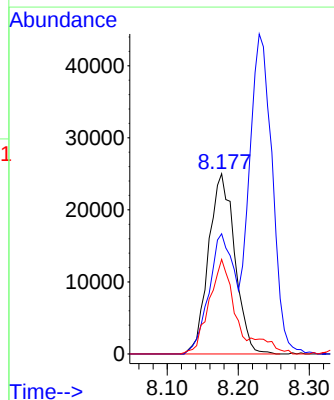
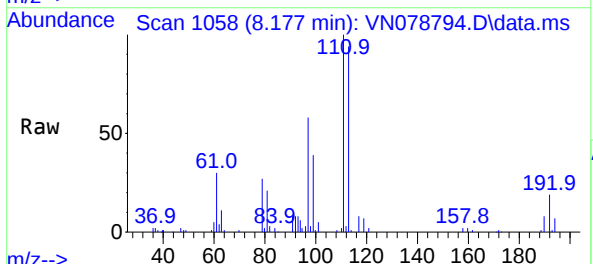
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

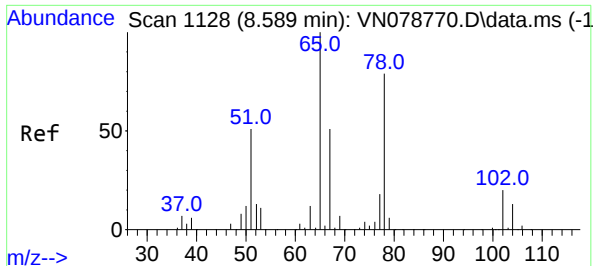
Tgt Ion: 56 Resp: 63469  
Ion Ratio Lower Upper  
56 100  
69 29.2 26.8 40.2  
84 73.8 81.8 122.6#



#32  
1,1,1-Trichloroethane  
Concen: 18.728 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 97 Resp: 63954  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.3 75.5  
61 55.8 34.7 52.1#

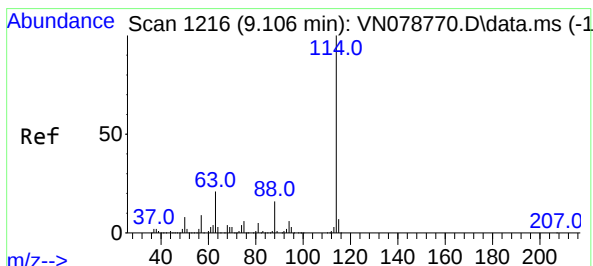
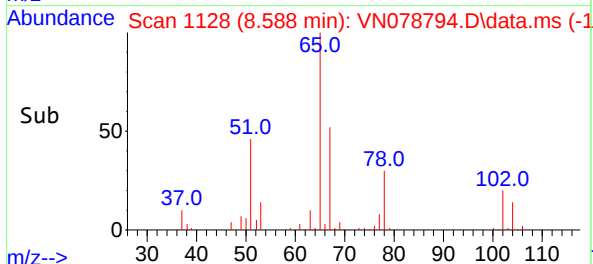
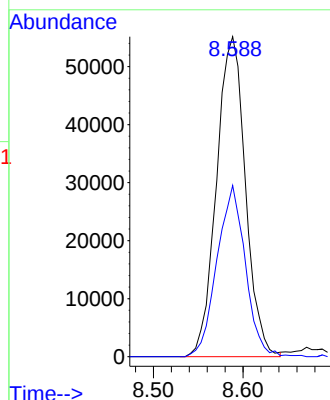
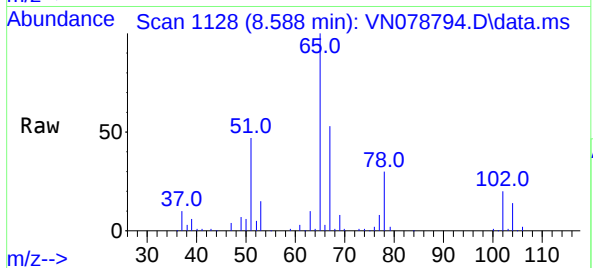




#33  
1,2-Dichloroethane-d4  
Concen: 52.518 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

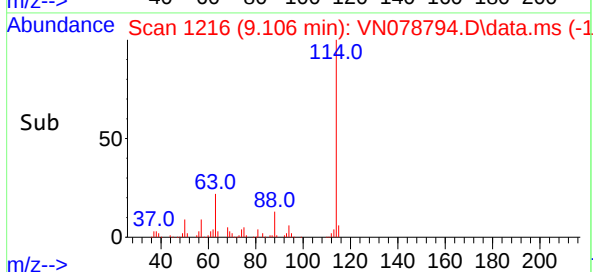
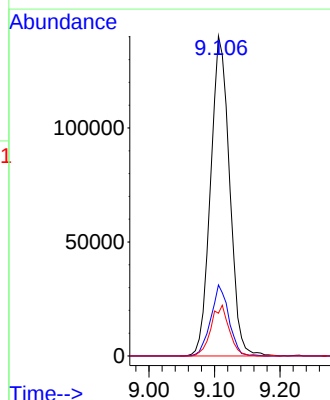
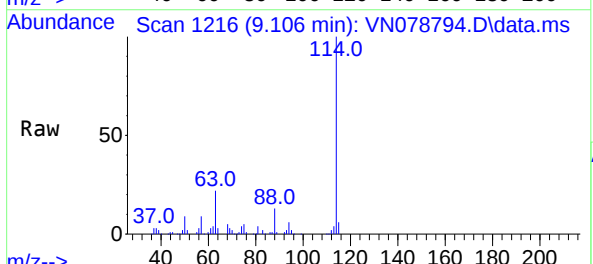
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

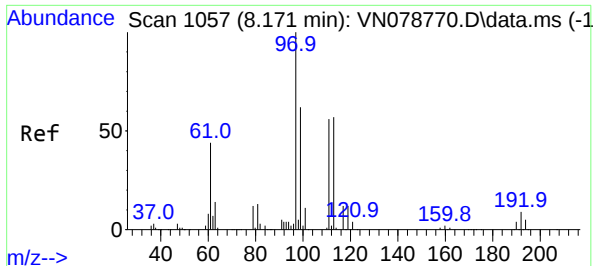
Tgt Ion: 65 Resp: 123546  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 114 Resp: 281806  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 36.4  
88 13.4 0.0 30.6



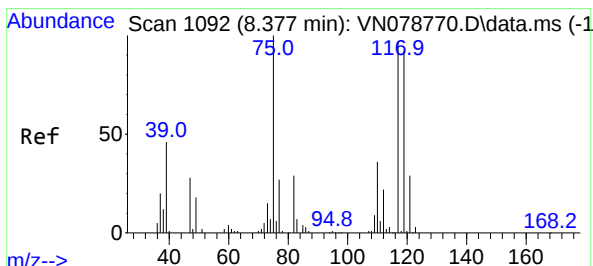
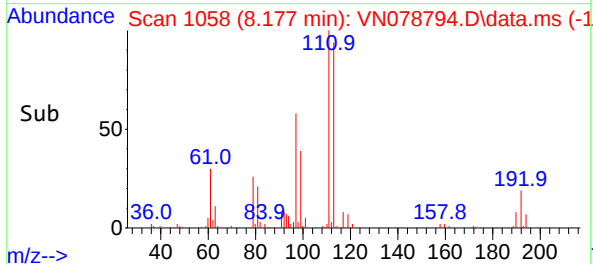
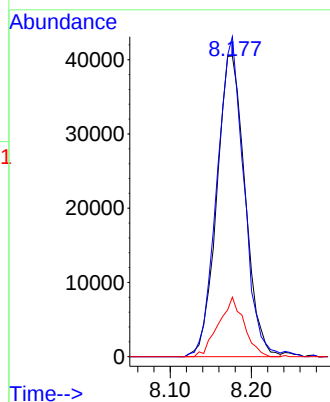
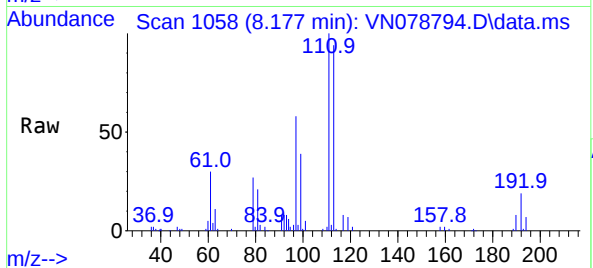


#35  
Dibromofluoromethane  
Concen: 51.539 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

Tgt Ion:113 Resp: 98083

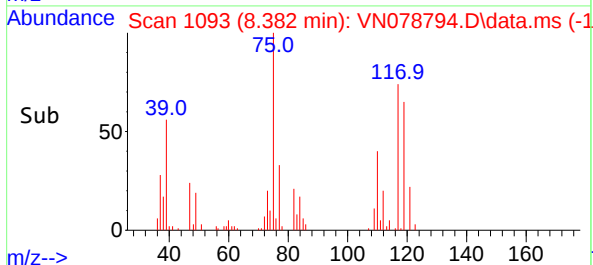
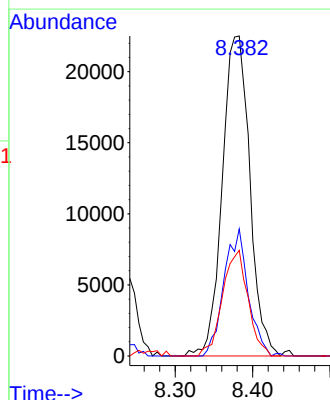
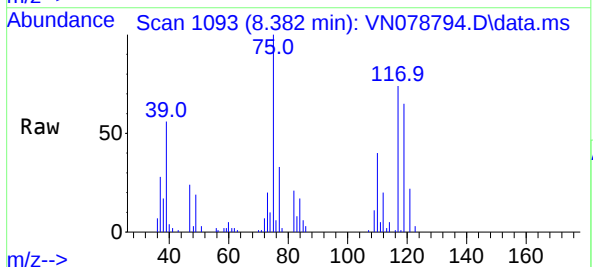
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.4 | 82.6  | 123.8 |
| 192 | 17.8  | 12.7  | 19.1  |

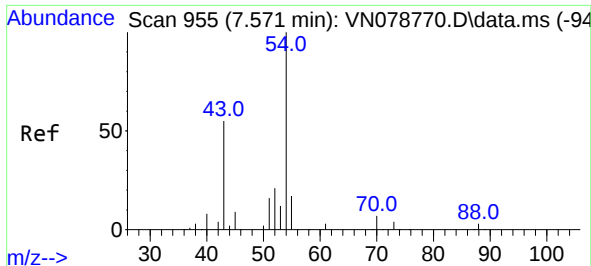


#36  
1,1-Dichloropropene  
Concen: 18.823 ug/l  
RT: 8.382 min Scan# 1093  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 75 Resp: 55573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 35.1  | 19.1  | 57.3  |
| 77  | 30.6  | 25.0  | 37.4  |

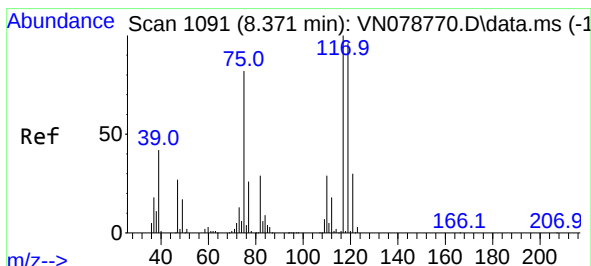
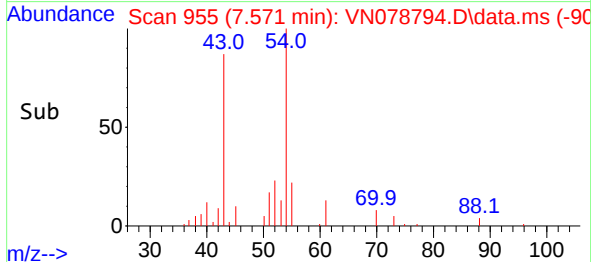
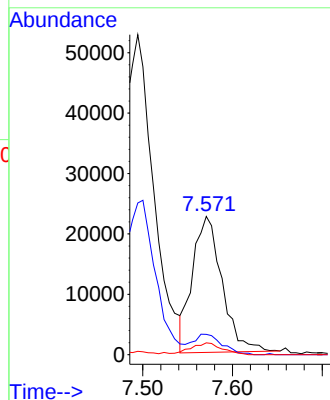
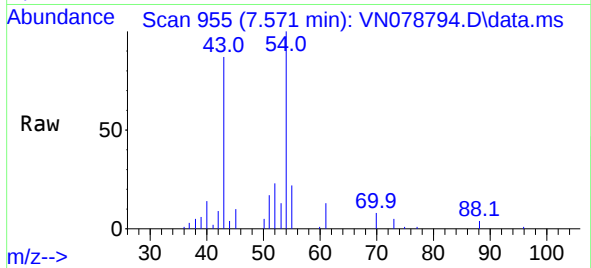




#37  
Ethyl Acetate  
Concen: 16.405 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

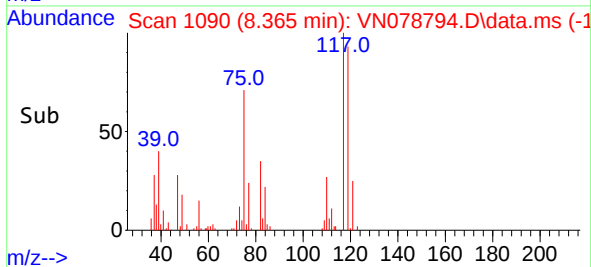
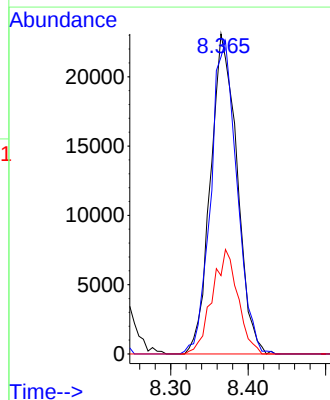
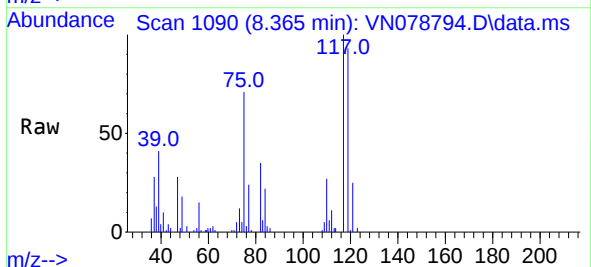
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

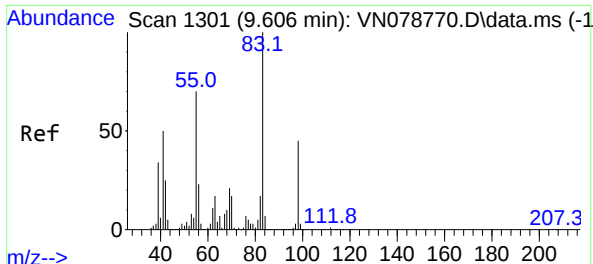
Tgt Ion: 43 Resp: 51498  
Ion Ratio Lower Upper  
43 100  
61 14.6 13.2 19.8  
70 9.6 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 18.029 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 117 Resp: 54874  
Ion Ratio Lower Upper  
117 100  
119 92.8 77.3 115.9  
121 24.5 23.3 34.9

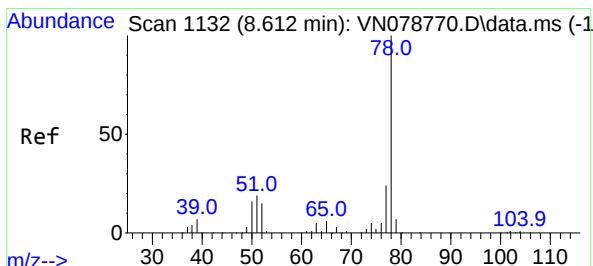
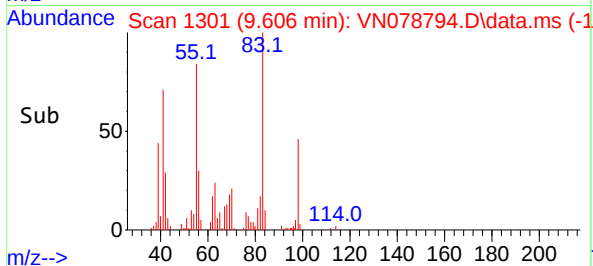
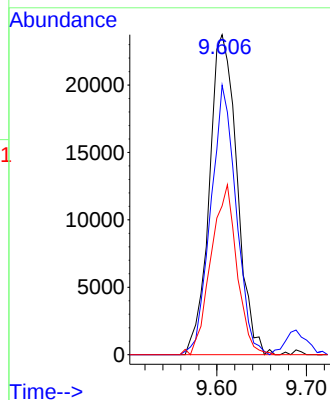
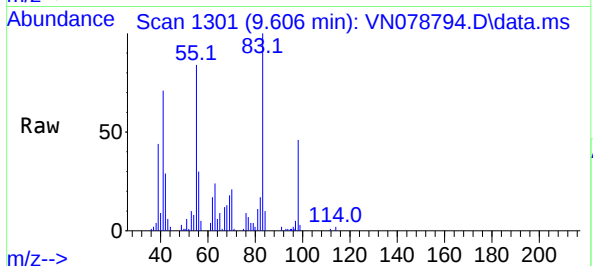




#39  
Methylcyclohexane  
Concen: 18.407 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

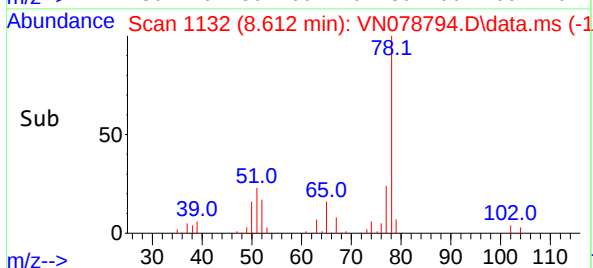
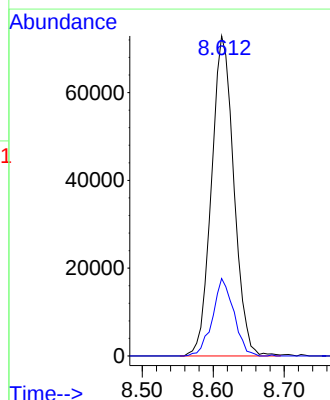
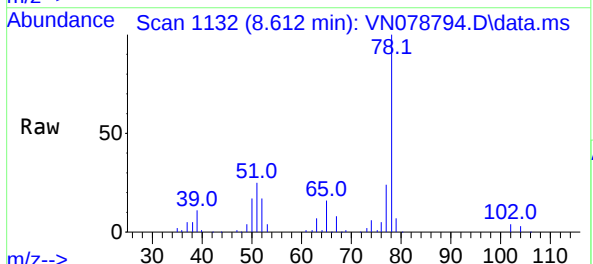
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

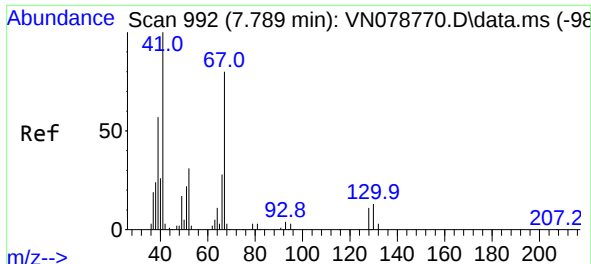
Tgt Ion: 83 Resp: 50762  
Ion Ratio Lower Upper  
83 100  
55 84.2 49.1 73.7#  
98 46.5 40.6 61.0



#40  
Benzene  
Concen: 17.880 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 78 Resp: 159667  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.6

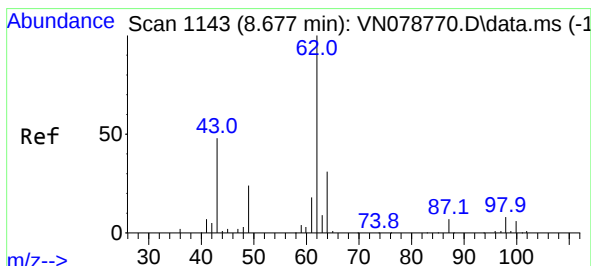
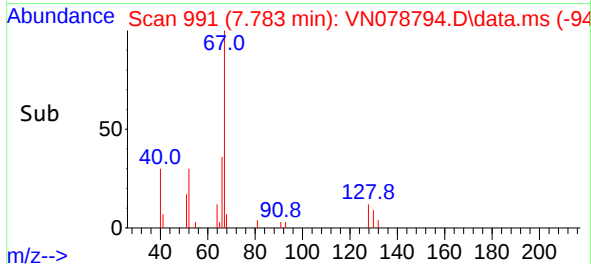
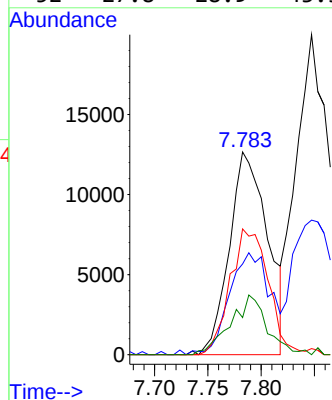
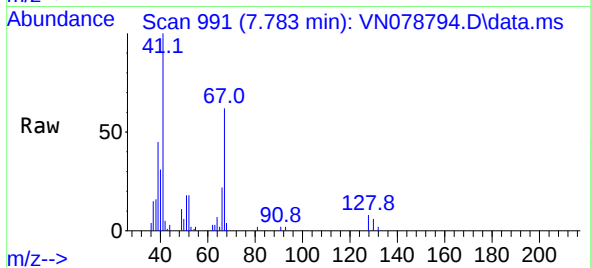




#41  
Methacrylonitrile  
Concen: 18.141 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

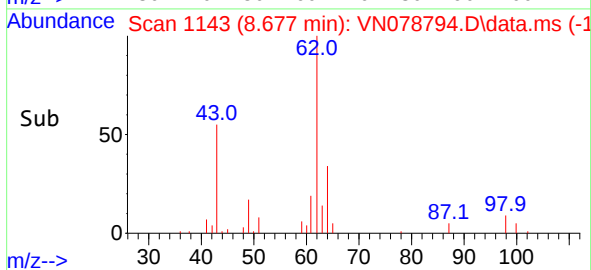
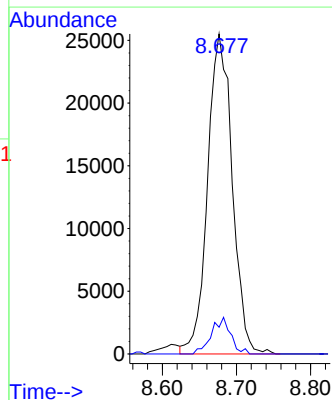
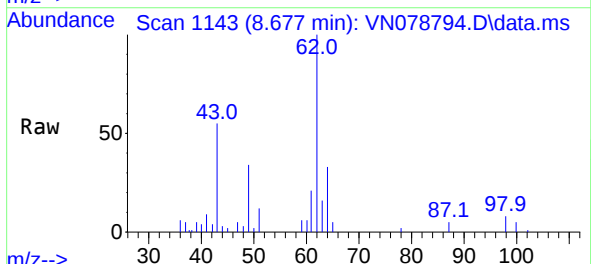
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

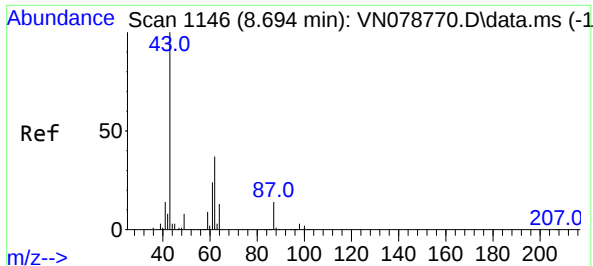
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 31664  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.6  | 42.6  | 64.0   |
| 67       | 61.9  | 77.5  | 116.3# |
| 52       | 27.8  | 28.9  | 43.3#  |



#42  
1,2-Dichloroethane  
Concen: 18.353 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 58909 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 19.8  |

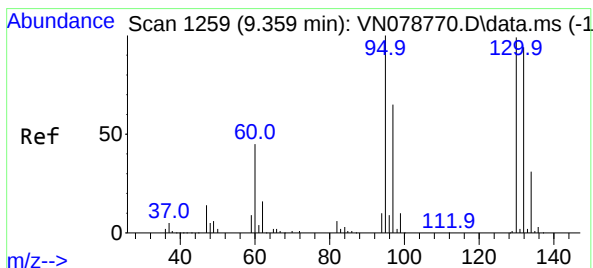
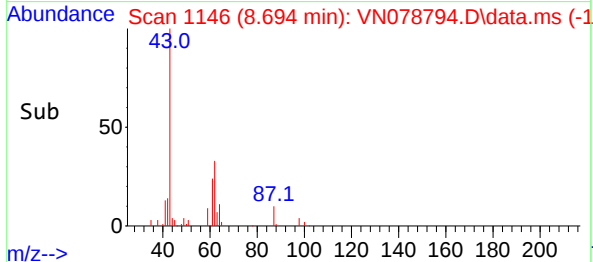
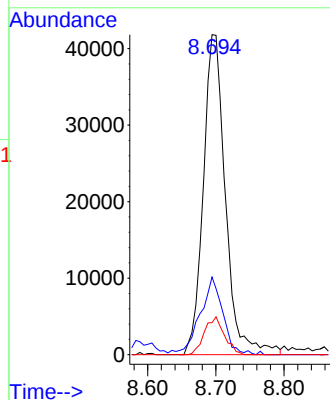
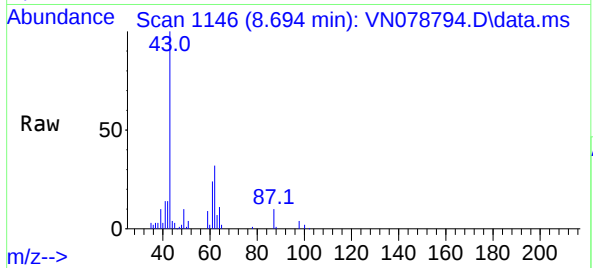




#43  
Isopropyl Acetate  
Concen: 17.885 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

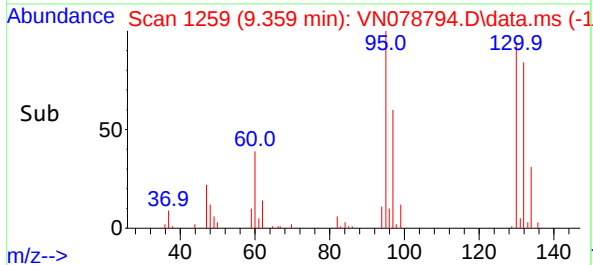
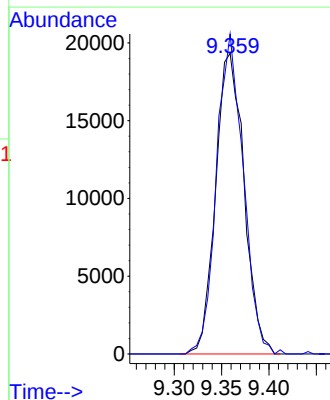
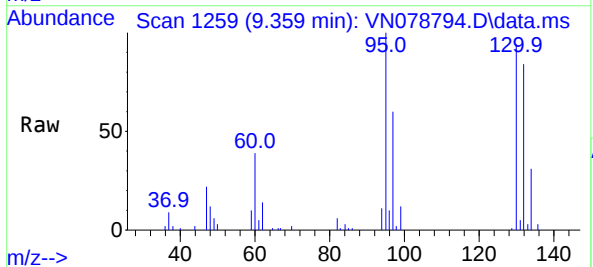
Instrument :  
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ClientSampleId :  
VN0808WBS01

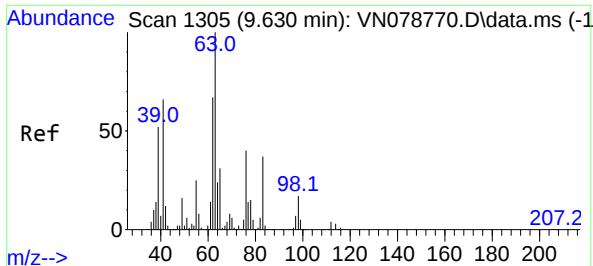
Tgt Ion: 43 Resp: 94659  
Ion Ratio Lower Upper  
43 100  
61 24.9 24.7 37.1  
87 10.6 14.6 21.8#



#44  
Trichloroethene  
Concen: 18.461 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:130 Resp: 40376  
Ion Ratio Lower Upper  
130 100  
95 106.5 0.0 204.6

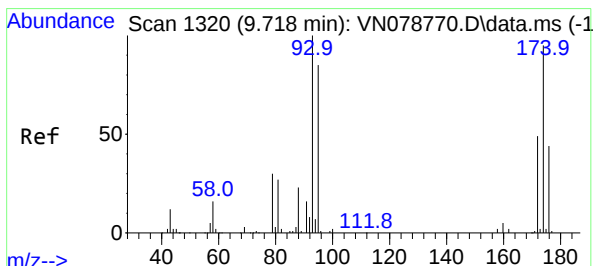
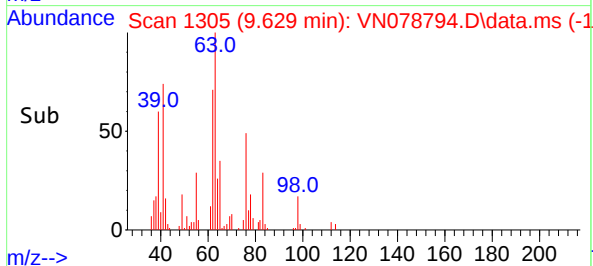
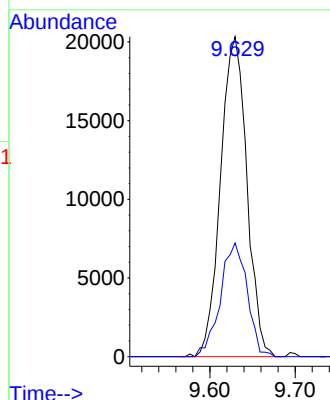
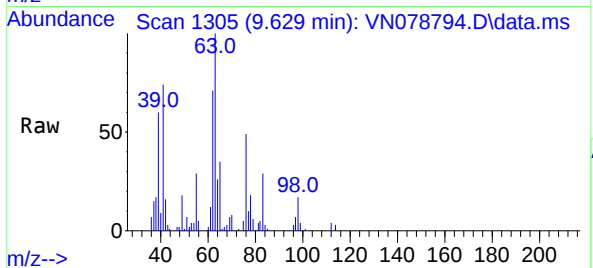




#45  
1,2-Dichloropropane  
Concen: 18.209 ug/l  
RT: 9.629 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

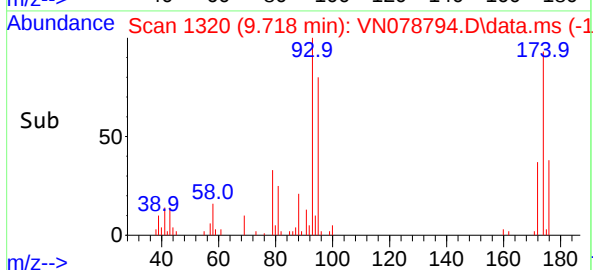
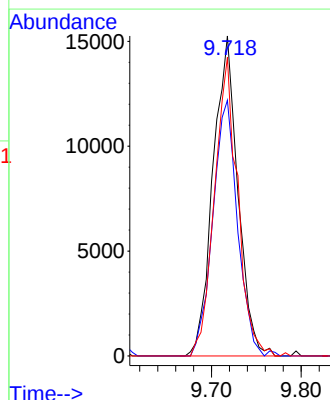
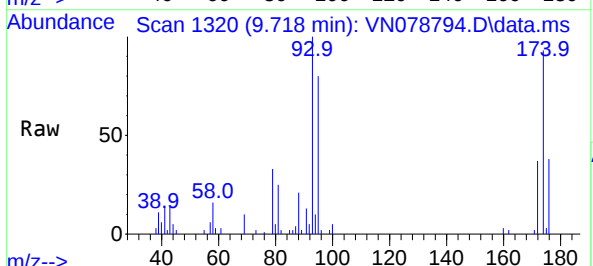
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

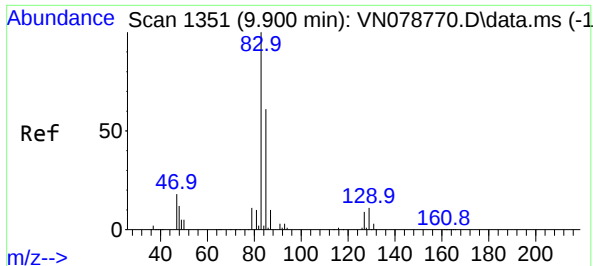
Tgt Ion: 63 Resp: 43591  
Ion Ratio Lower Upper  
63 100  
65 35.5 23.9 35.9



#46  
Dibromomethane  
Concen: 18.385 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 93 Resp: 29292  
Ion Ratio Lower Upper  
93 100  
95 79.2 63.8 95.8  
174 87.3 65.6 98.4

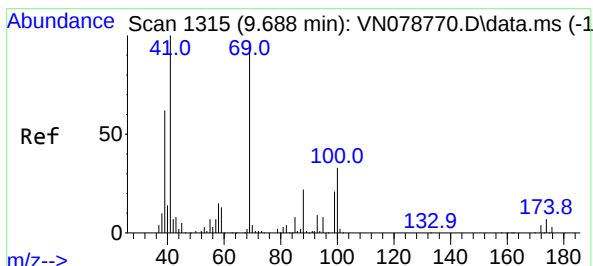
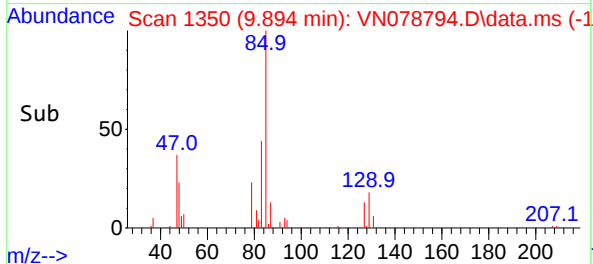
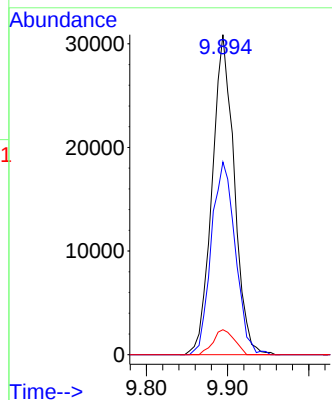
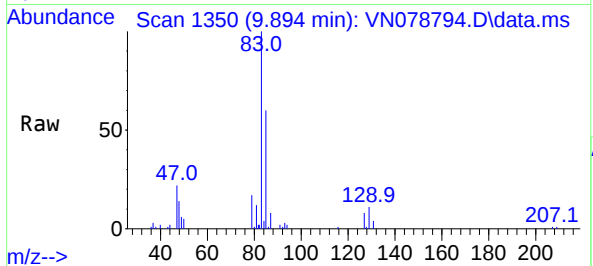




#47  
Bromodichloromethane  
Concen: 18.418 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

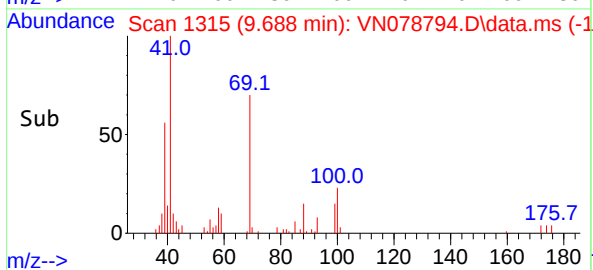
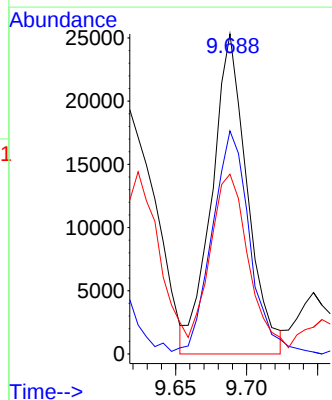
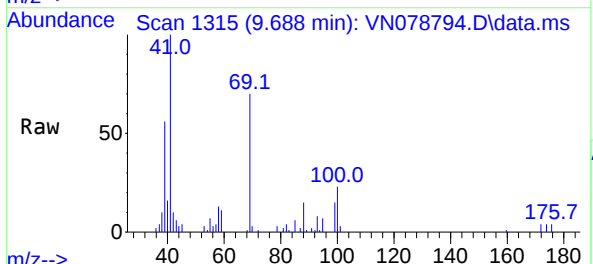
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

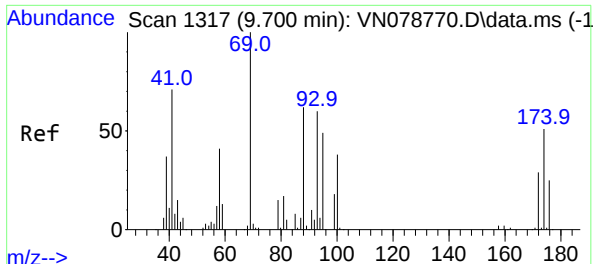
Tgt Ion: 83 Resp: 58409  
Ion Ratio Lower Upper  
83 100  
85 60.2 49.6 74.4  
127 7.8 7.0 10.6



#48  
Methyl methacrylate  
Concen: 17.925 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 41 Resp: 43833  
Ion Ratio Lower Upper  
41 100  
69 74.6 90.4 135.6#  
39 60.9 54.6 81.8

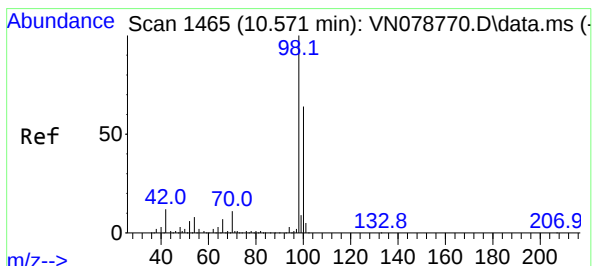
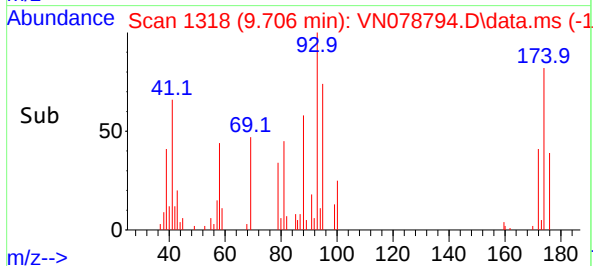
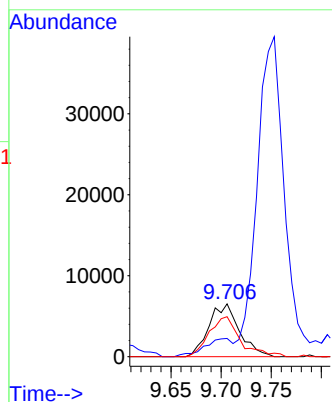
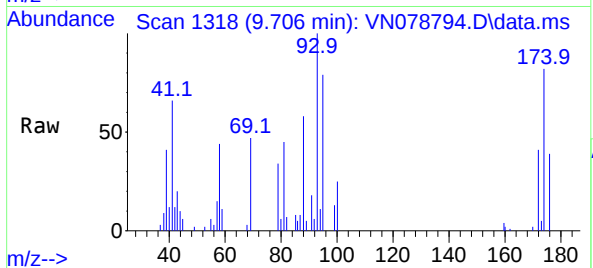




#49  
1,4-Dioxane  
Concen: 347.648 ug/l  
RT: 9.706 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

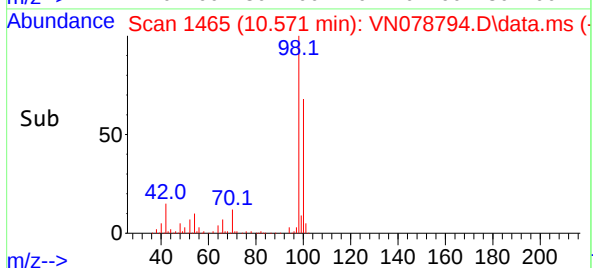
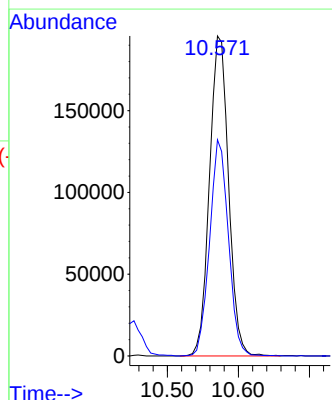
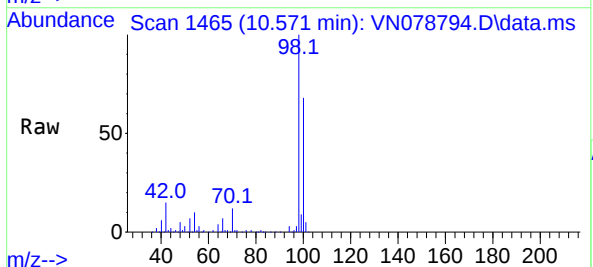
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

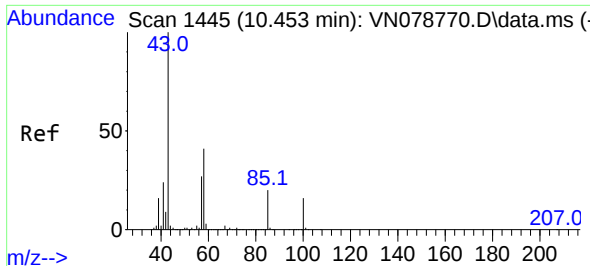
Tgt Ion: 88 Resp: 13805  
Ion Ratio Lower Upper  
88 100  
43 32.0 17.0 25.6#  
58 77.3 47.0 70.4#



#50  
Toluene-d8  
Concen: 52.039 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 98 Resp: 364444  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.0 78.0

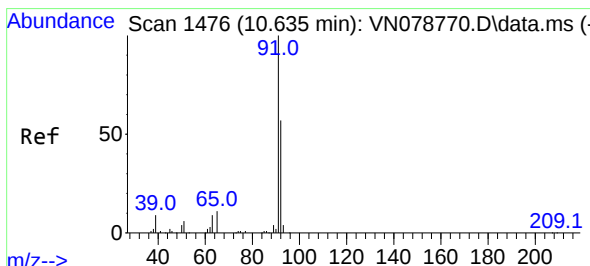
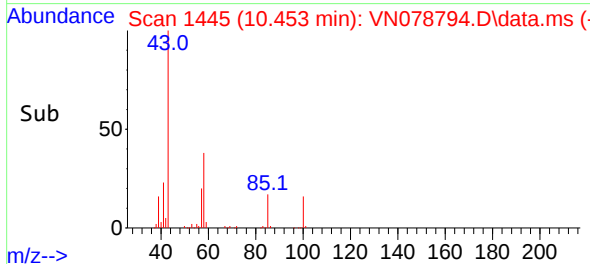
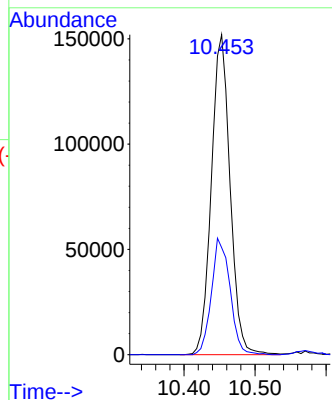
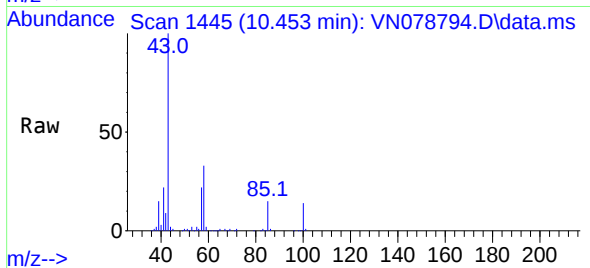




#51  
4-Methyl-2-Pentanone  
Concen: 85.792 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

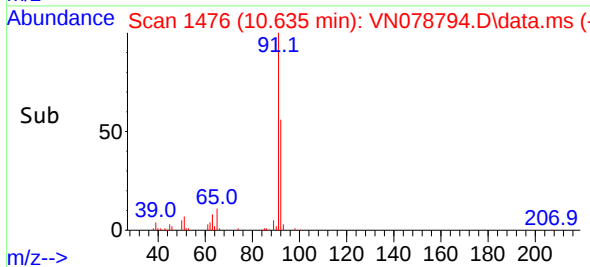
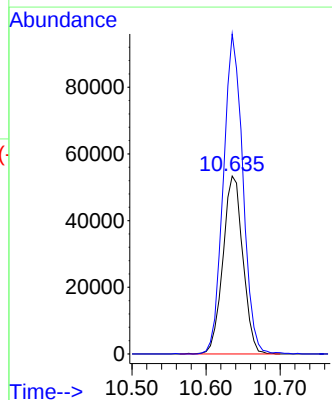
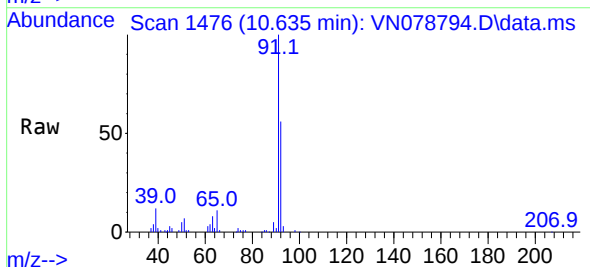
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MSVOA\_N  
ClientSampleId :  
VN0808WBS01

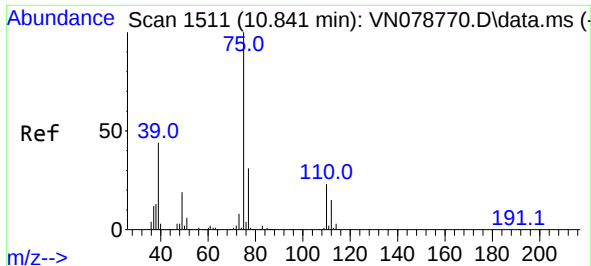
Tgt Ion: 43 Resp: 278118  
Ion Ratio Lower Upper  
43 100  
58 36.2 36.6 54.8#



#52  
Toluene  
Concen: 18.286 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 92 Resp: 99725  
Ion Ratio Lower Upper  
92 100  
91 176.3 137.4 206.0

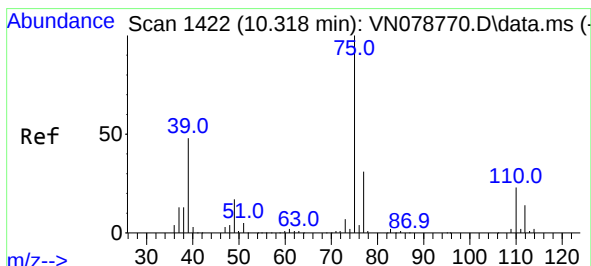
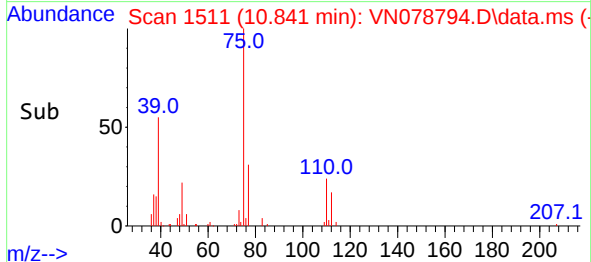
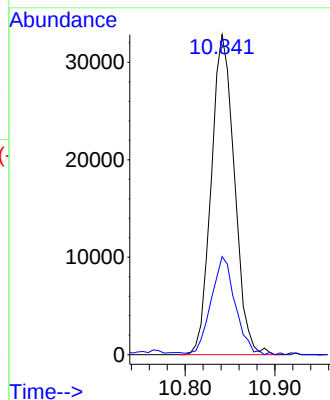
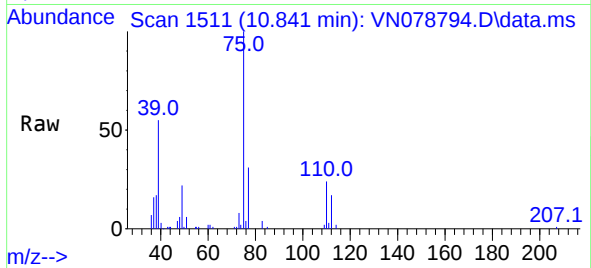




#53  
t-1,3-Dichloropropene  
Concen: 18.199 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

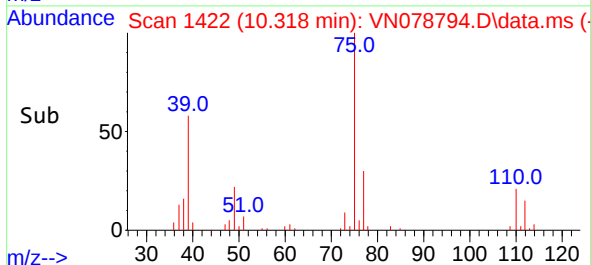
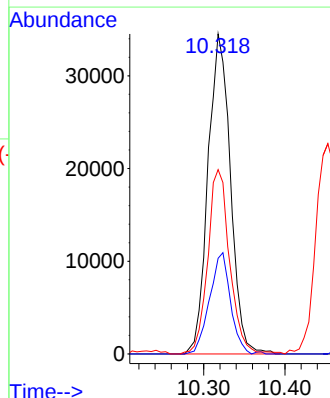
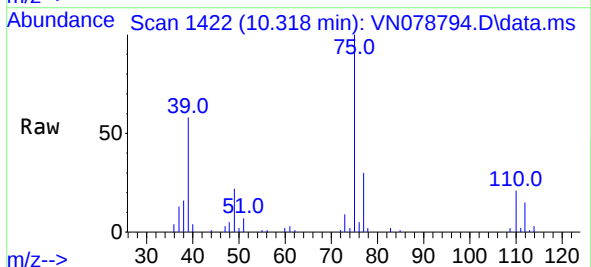
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

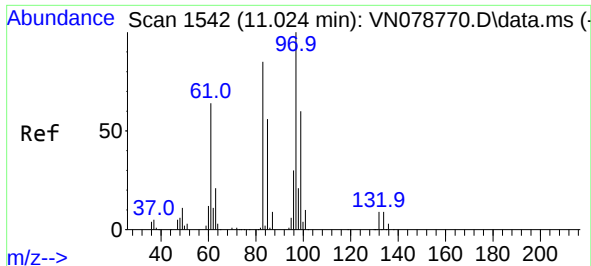
Tgt Ion: 75 Resp: 58970  
Ion Ratio Lower Upper  
75 100  
77 30.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 18.818 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 75 Resp: 66246  
Ion Ratio Lower Upper  
75 100  
77 29.9 26.1 39.1  
39 57.6 31.6 47.4#

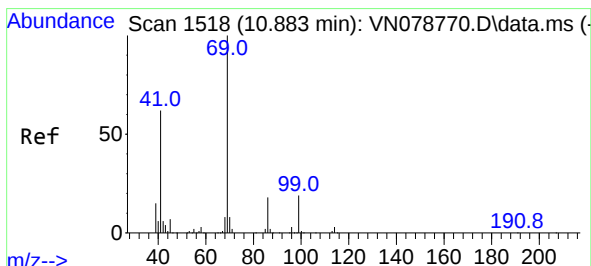
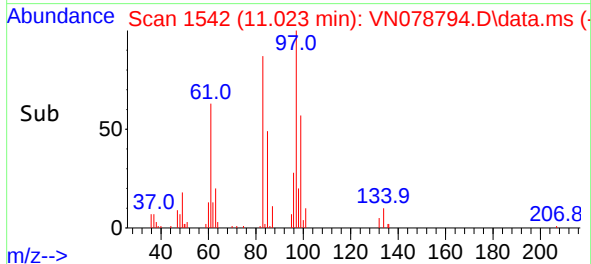
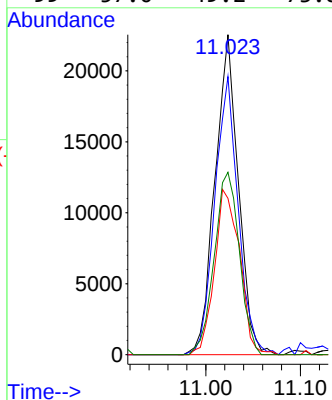
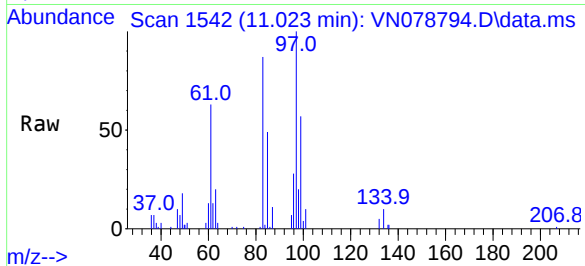




#55  
1,1,2-Trichloroethane  
Concen: 17.888 ug/l  
RT: 11.023 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

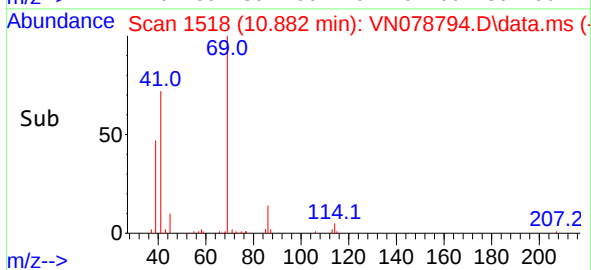
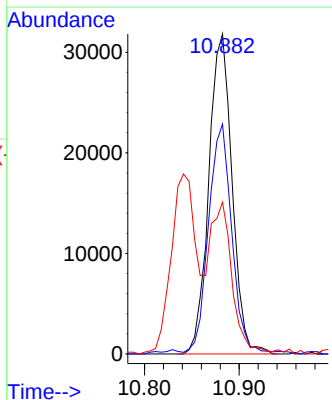
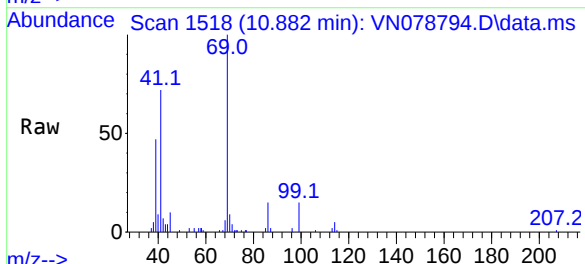
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ClientSampleId :  
VN0808WBS01

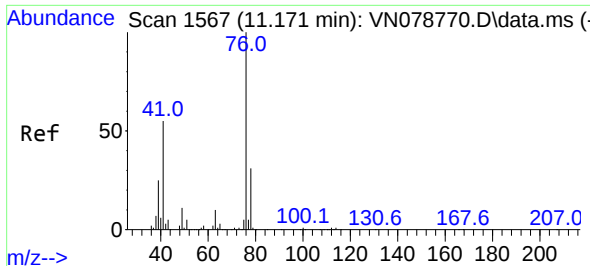
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 38778 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.9  | 65.1  | 97.7  |
| 85       | 48.9  | 43.4  | 65.2  |
| 99       | 57.0  | 49.2  | 73.8  |



#56  
Ethyl methacrylate  
Concen: 17.299 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 54381 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.4  | 39.6  | 59.4# |
| 39       | 46.2  | 28.6  | 43.0# |





#57

1,3-Dichloropropane

Concen: 18.443 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

Instrument :

MSVOA\_N

ClientSampleId :

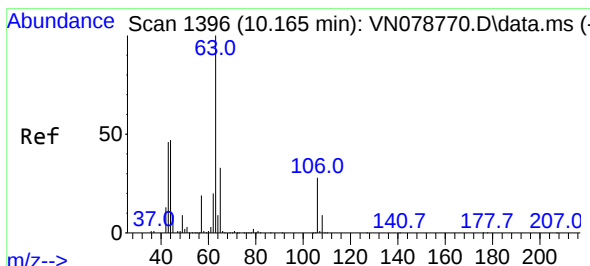
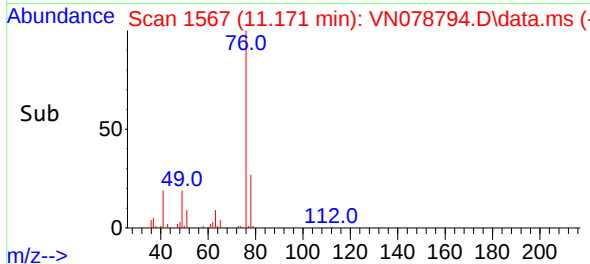
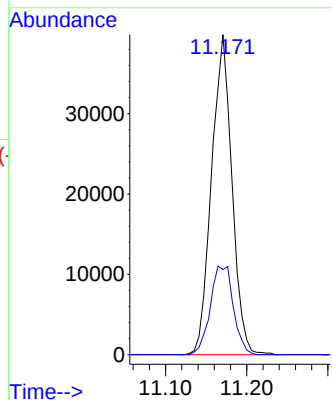
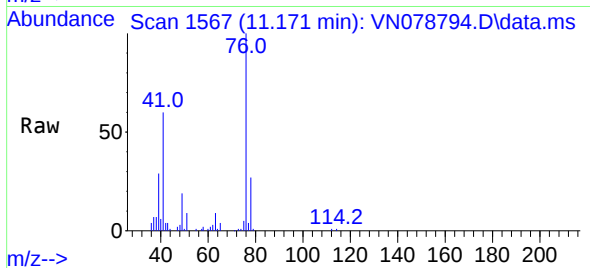
VN0808WBS01

Tgt Ion: 76 Resp: 69513

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 97.372 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078794.D

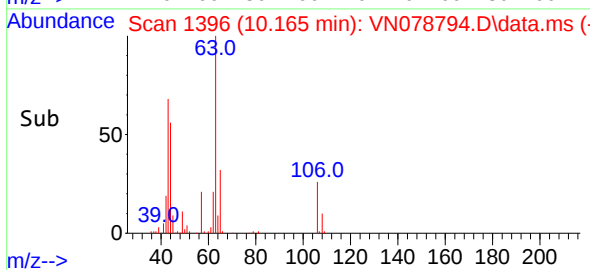
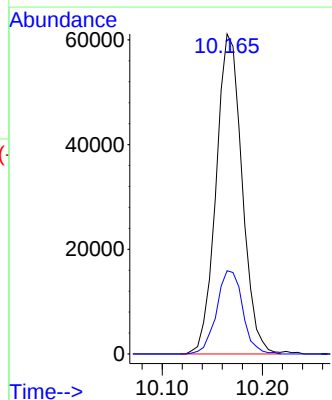
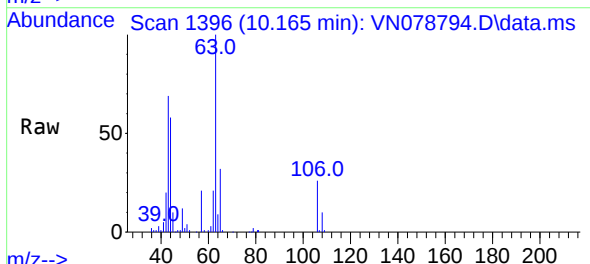
Acq: 08 Aug 2023 11:49

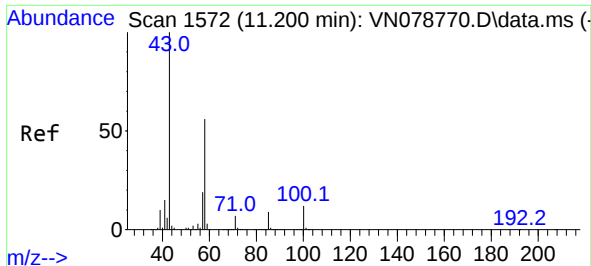
Tgt Ion: 63 Resp: 109892

Ion Ratio Lower Upper

63 100

106 26.1 26.2 39.4#

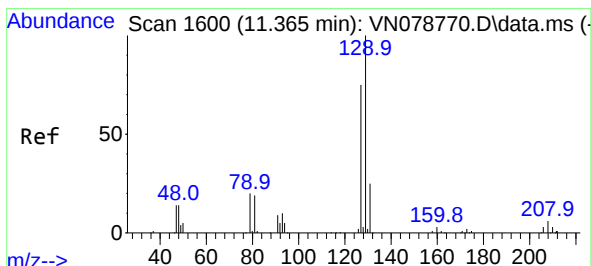
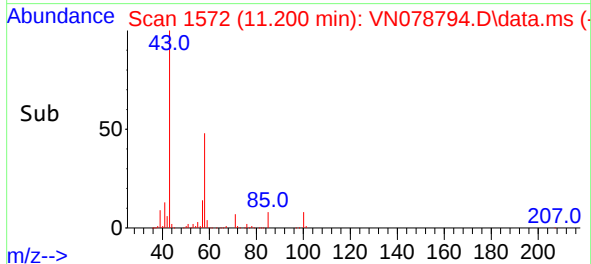
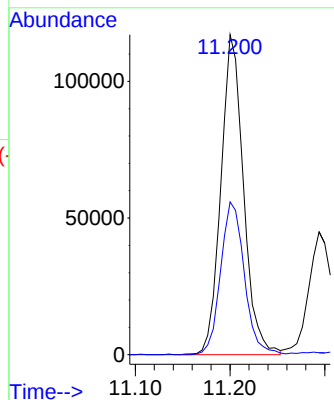
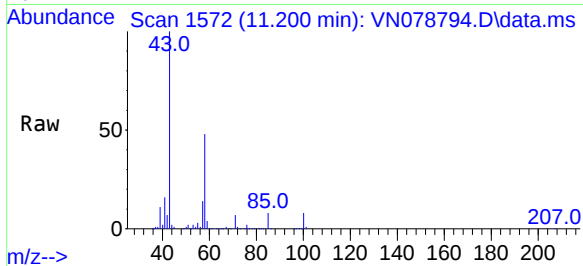




#59  
2-Hexanone  
Concen: 84.687 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

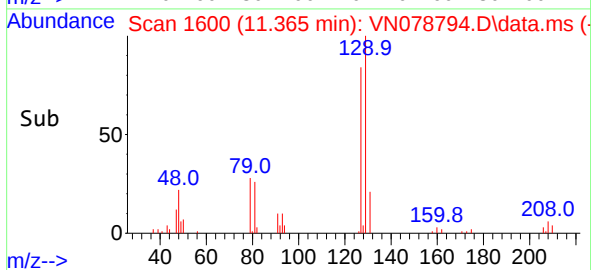
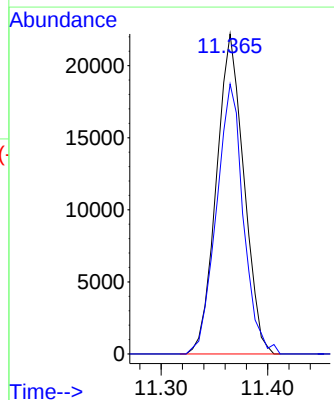
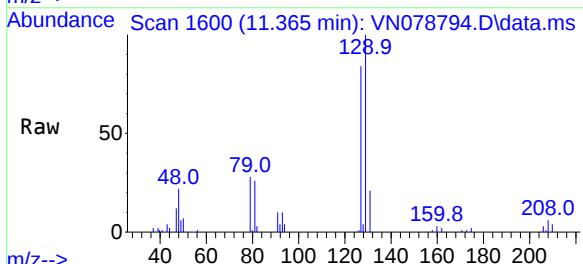
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

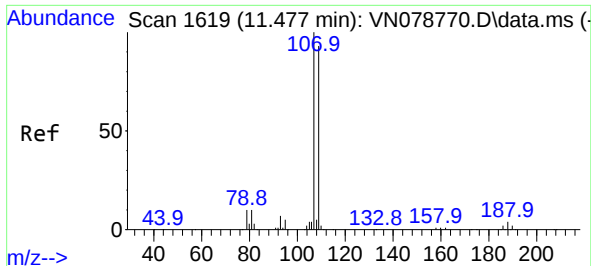
Tgt Ion: 43 Resp: 194394  
Ion Ratio Lower Upper  
43 100  
58 50.1 31.7 95.1



#60  
Dibromochloromethane  
Concen: 17.443 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 129 Resp: 39688  
Ion Ratio Lower Upper  
129 100  
127 82.9 38.6 116.0

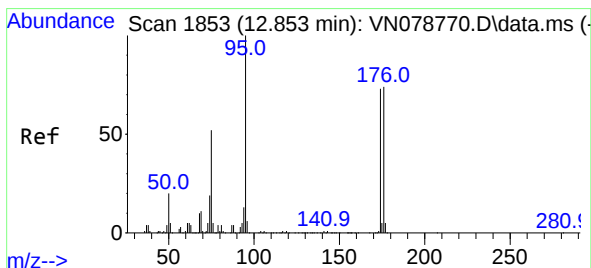
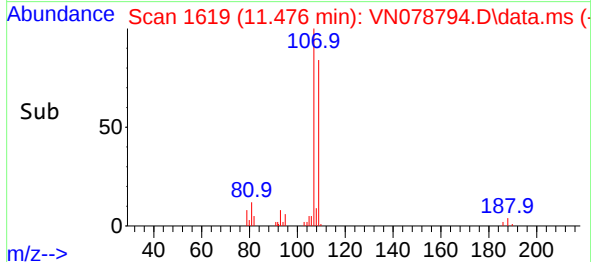
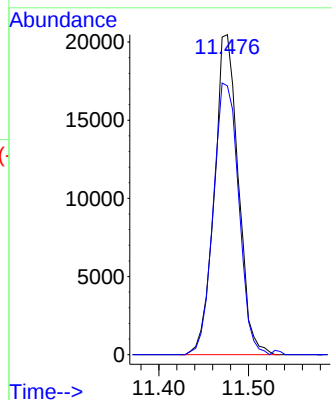
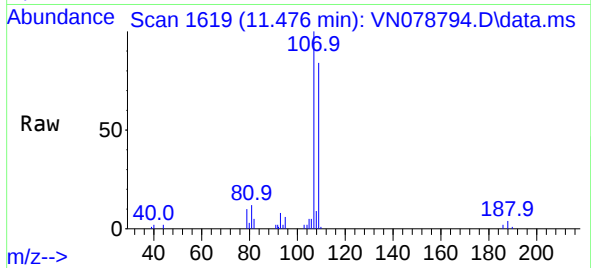




#61  
1,2-Dibromoethane  
Concen: 17.698 ug/l  
RT: 11.476 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

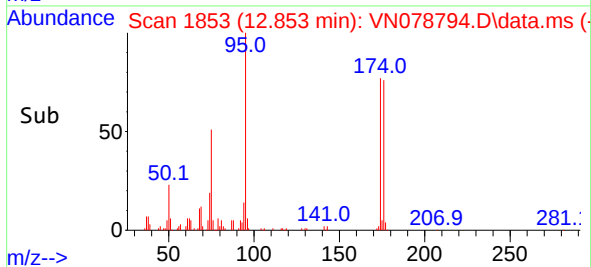
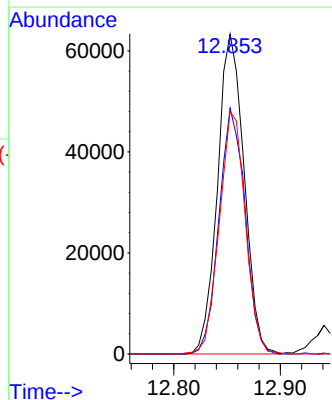
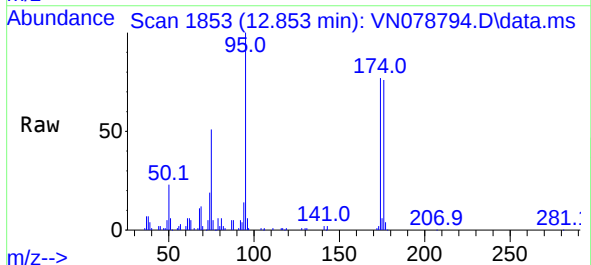
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

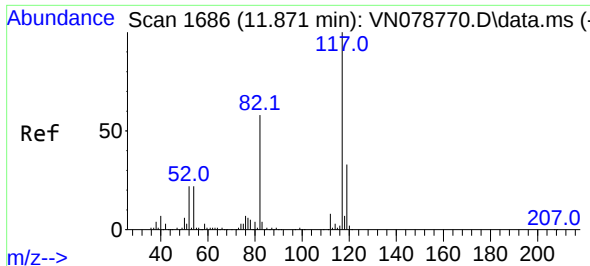
Tgt Ion:107 Resp: 38001  
Ion Ratio Lower Upper  
107 100  
109 90.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 52.367 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 95 Resp: 109605  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 143.8  
176 74.2 0.0 135.8



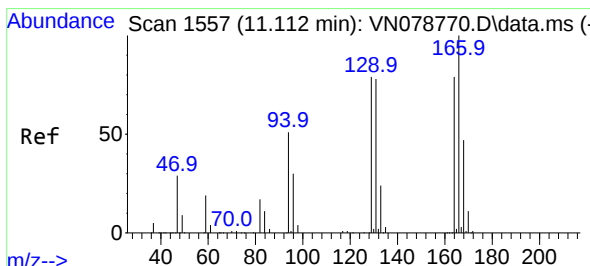
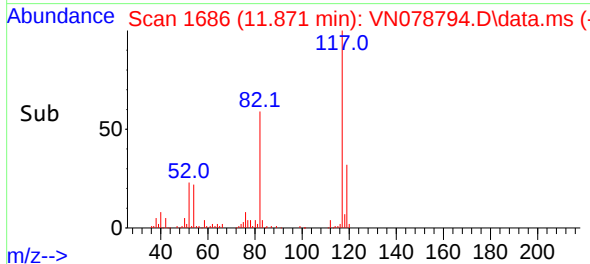
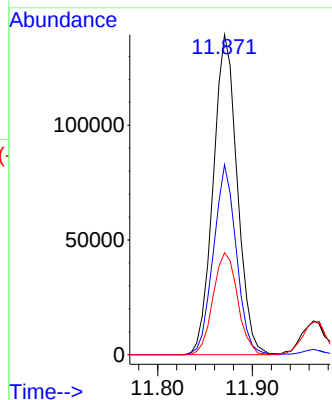
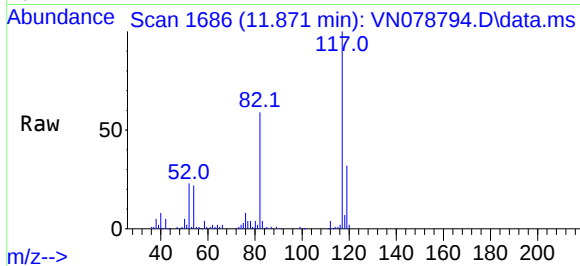


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

Tgt Ion:117 Resp: 246176

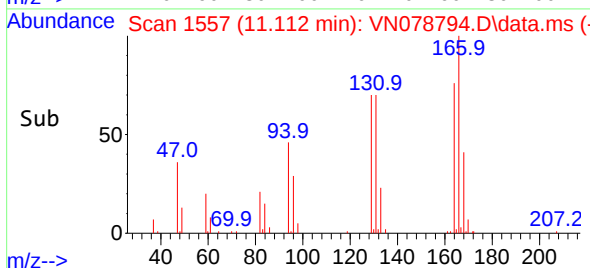
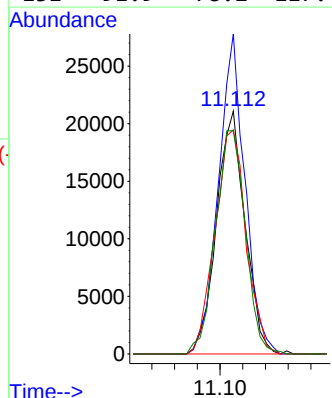
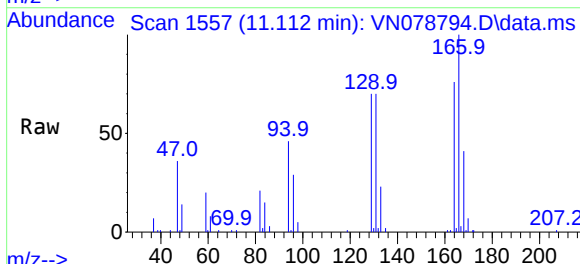
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 59.4  | 44.0  | 66.0  |
| 119 | 31.9  | 25.6  | 38.4  |

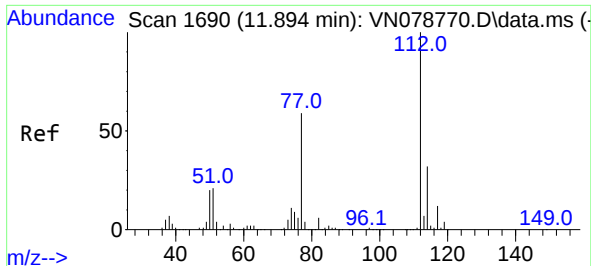


#64  
Tetrachloroethene  
Concen: 19.472 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:164 Resp: 36935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 131.7 | 101.4 | 152.0 |
| 129 | 92.3  | 82.4  | 123.6 |
| 131 | 91.9  | 78.2  | 117.4 |

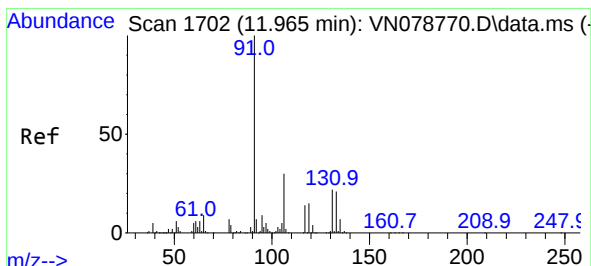
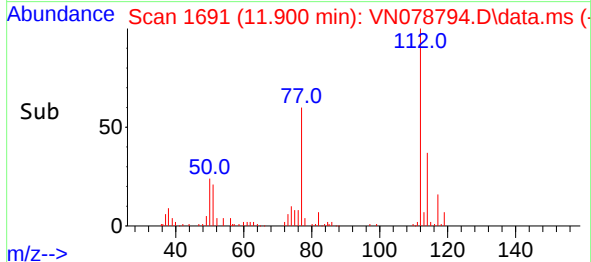
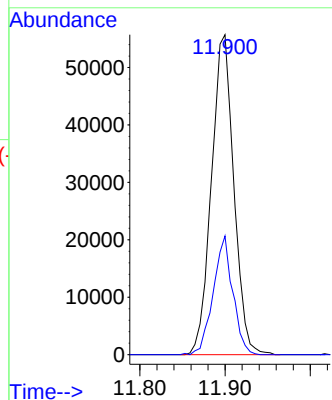
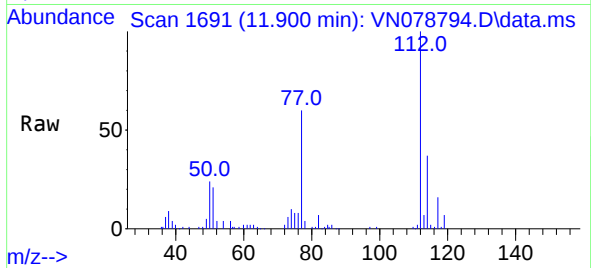




#65  
Chlorobenzene  
Concen: 18.125 ug/l  
RT: 11.900 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

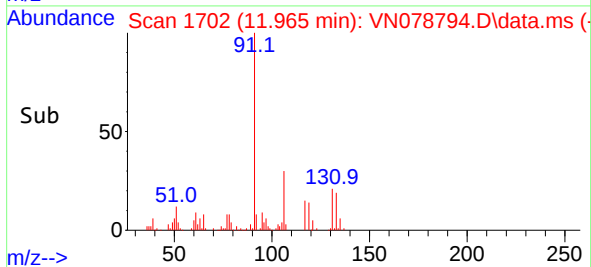
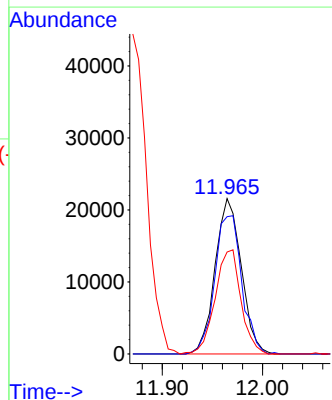
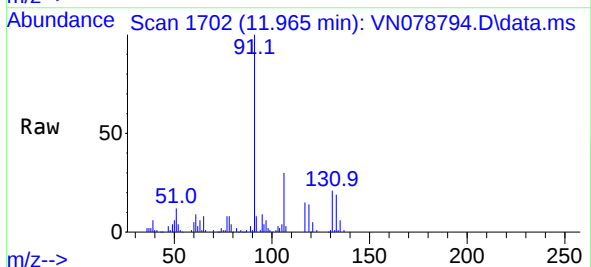
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

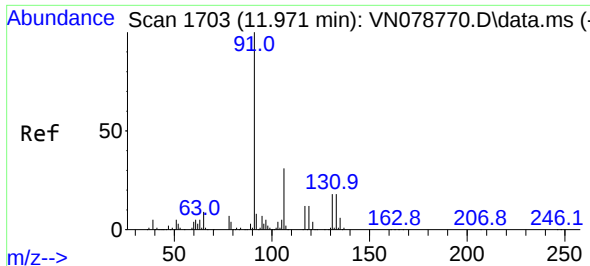
Tgt Ion:112 Resp: 101611  
Ion Ratio Lower Upper  
112 100  
114 37.1 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.025 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:131 Resp: 39139  
Ion Ratio Lower Upper  
131 100  
133 92.3 46.4 139.1  
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 17.939 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

Instrument :

MSVOA\_N

ClientSampleId :

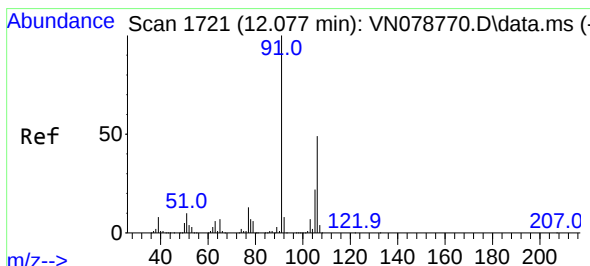
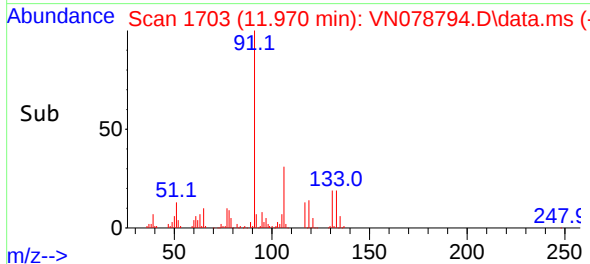
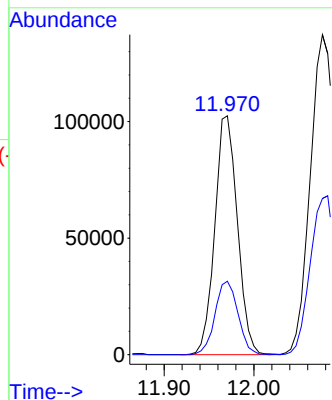
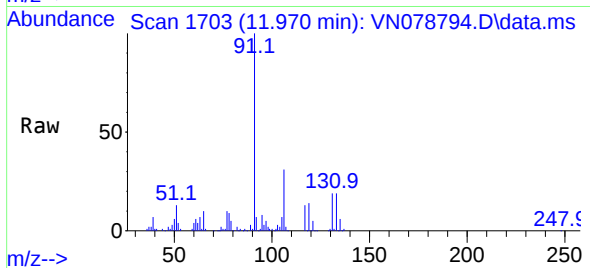
VN0808WBS01

Tgt Ion: 91 Resp: 179142

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 37.173 ug/l

RT: 12.082 min Scan# 1722

Delta R.T. 0.005 min

Lab File: VN078794.D

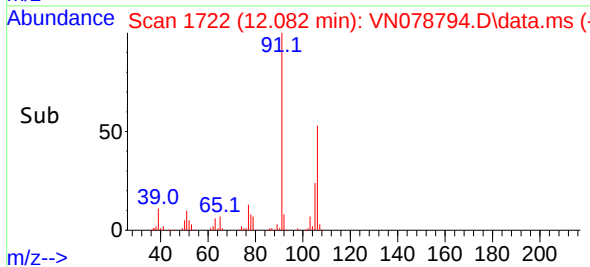
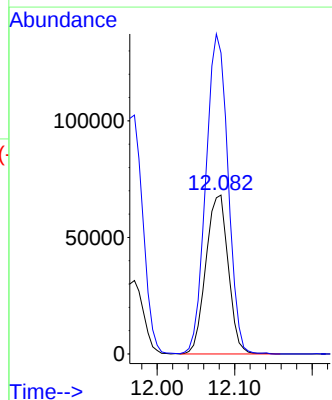
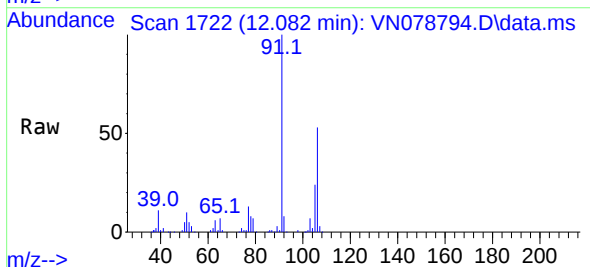
Acq: 08 Aug 2023 11:49

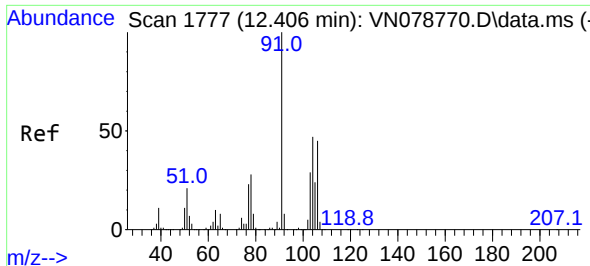
Tgt Ion:106 Resp: 136951

Ion Ratio Lower Upper

106 100

91 199.1 159.6 239.4

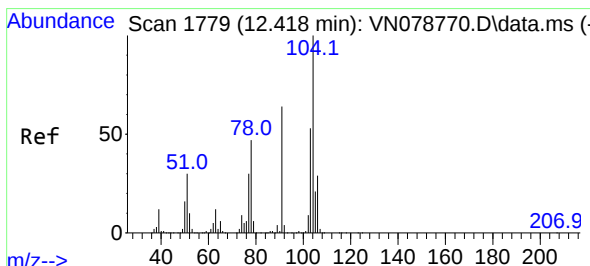
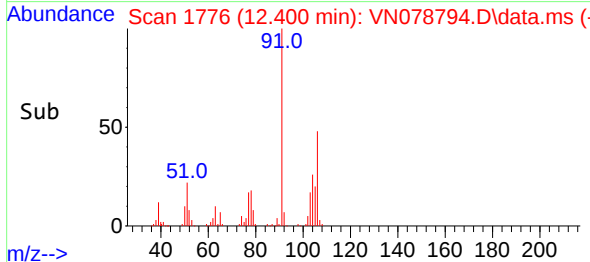
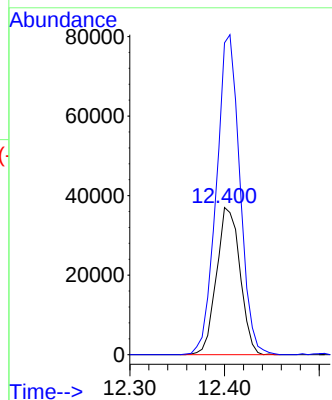
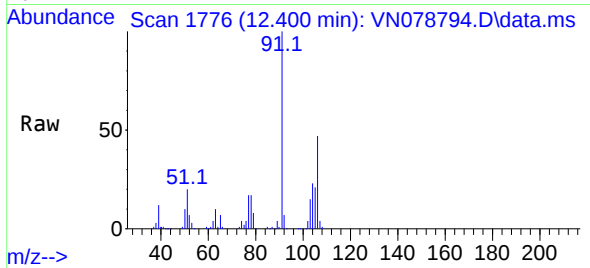




#69  
o-Xylene  
Concen: 17.639 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

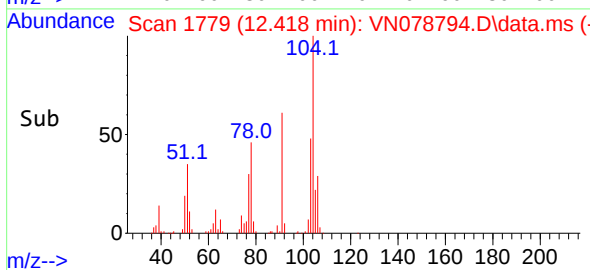
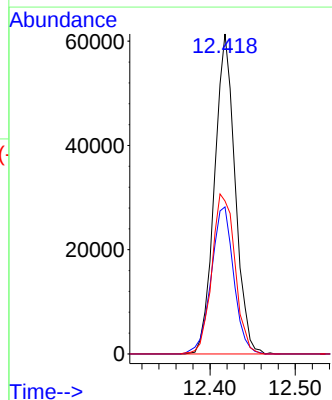
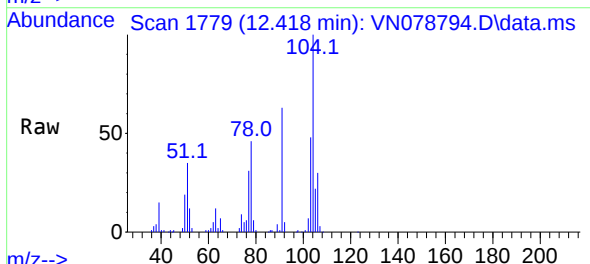
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

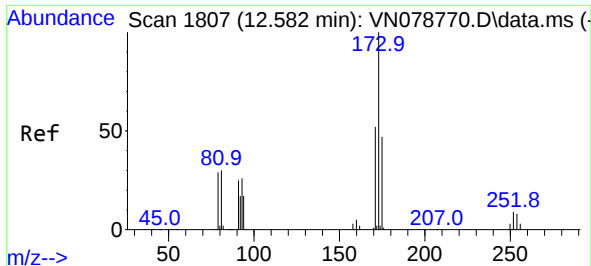
Tgt Ion:106 Resp: 63790  
Ion Ratio Lower Upper  
106 100  
91 217.7 105.2 315.5



#70  
Styrene  
Concen: 18.166 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:104 Resp: 103107  
Ion Ratio Lower Upper  
104 100  
78 50.1 39.5 59.3  
103 55.9 43.2 64.8

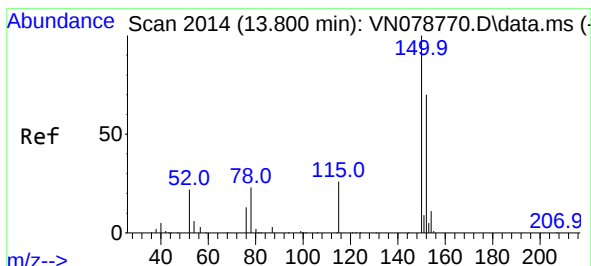
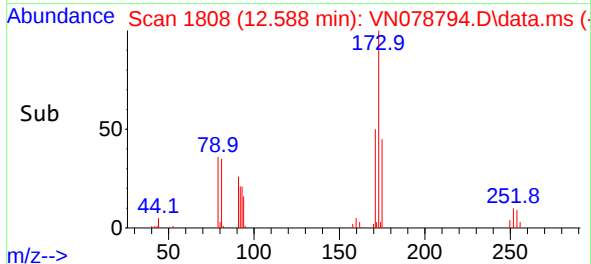
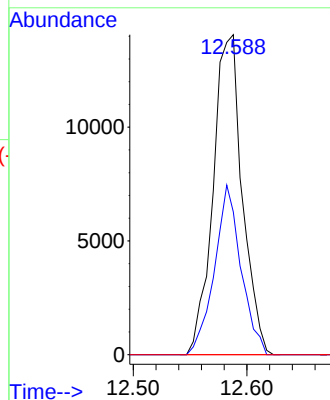
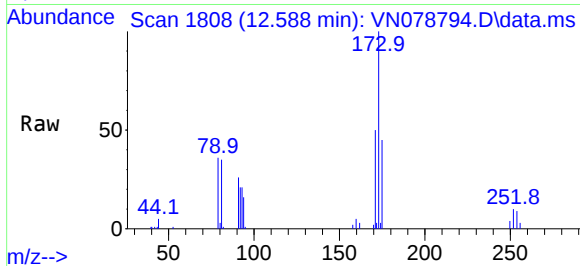




#71  
Bromoform  
Concen: 16.623 ug/l  
RT: 12.588 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

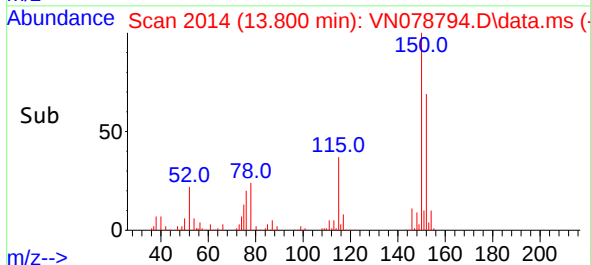
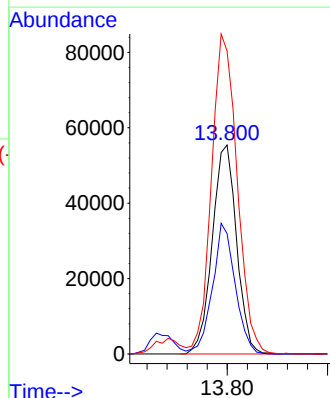
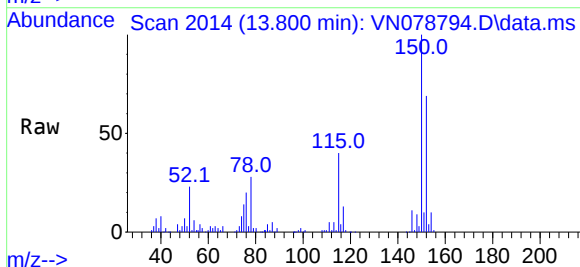
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

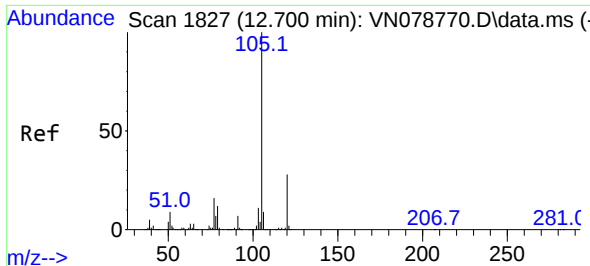
Tgt Ion:173 Resp: 25176  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:152 Resp: 93188  
Ion Ratio Lower Upper  
152 100  
115 58.4 32.3 96.8  
150 161.9 0.0 355.8

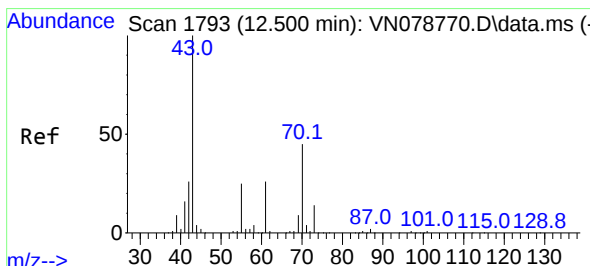
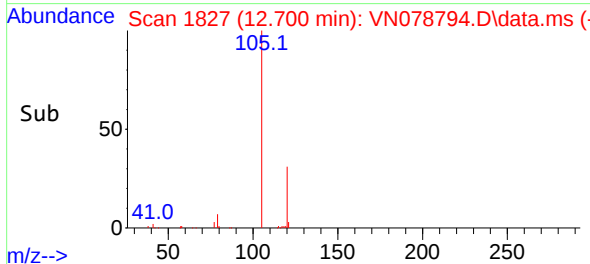
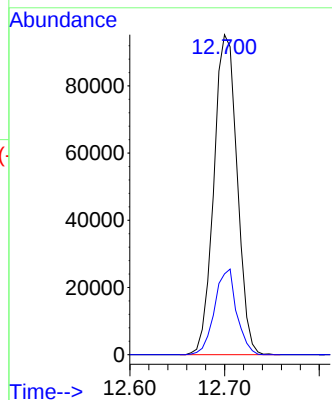
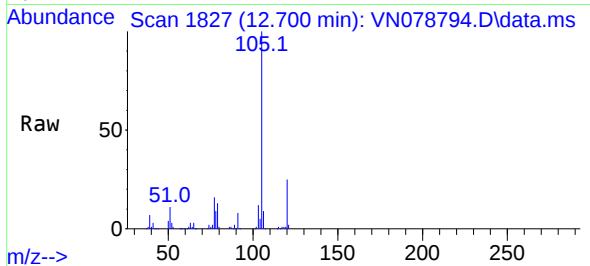




#73  
Isopropylbenzene  
Concen: 17.747 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

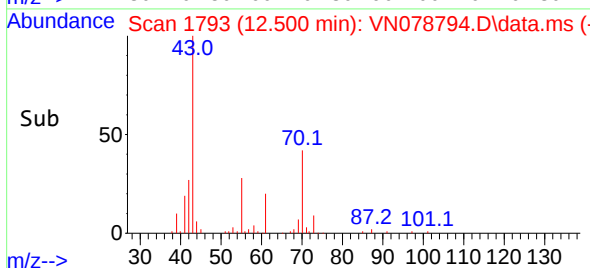
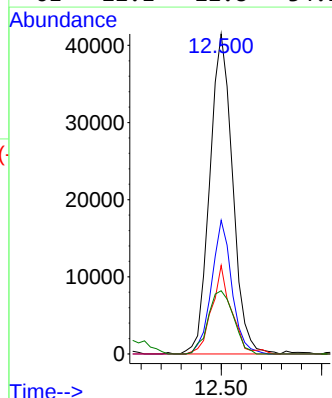
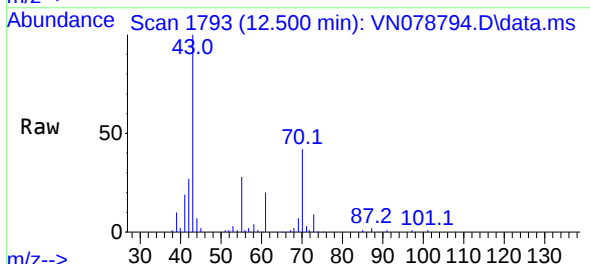
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

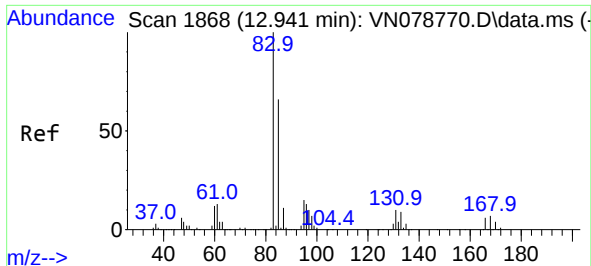
Tgt Ion:105 Resp: 162769  
Ion Ratio Lower Upper  
105 100  
120 25.3 13.1 39.1



#74  
N-ethyl acetate  
Concen: 15.779 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 43 Resp: 65647  
Ion Ratio Lower Upper  
43 100  
70 37.1 43.4 65.2#  
55 23.9 21.4 32.0  
61 22.1 22.8 34.2#

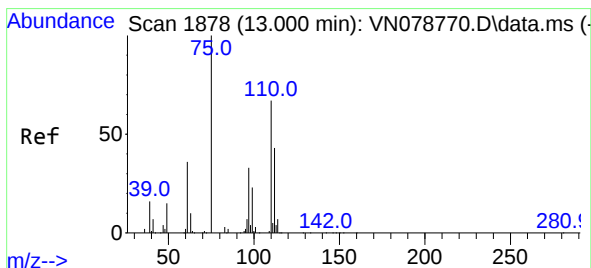
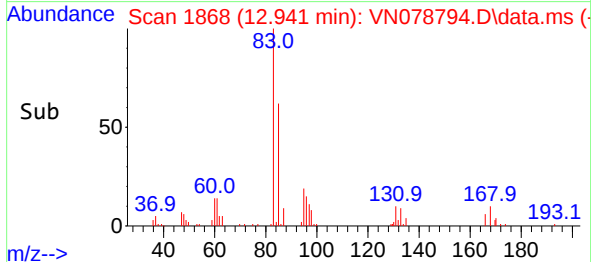
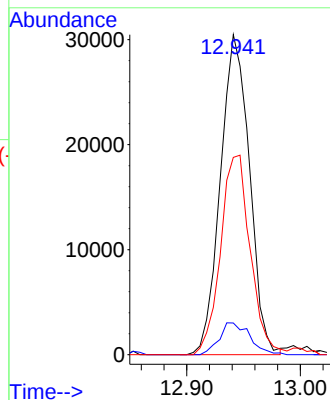
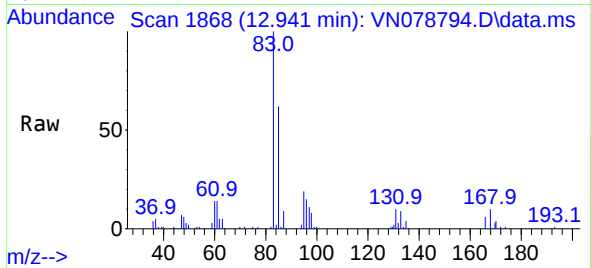




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.390 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

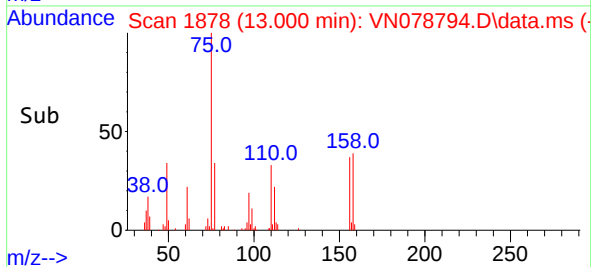
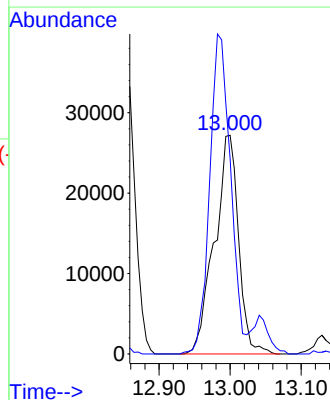
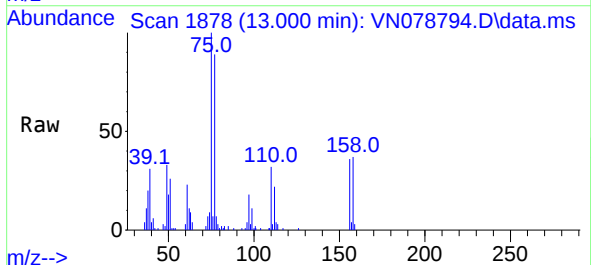
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

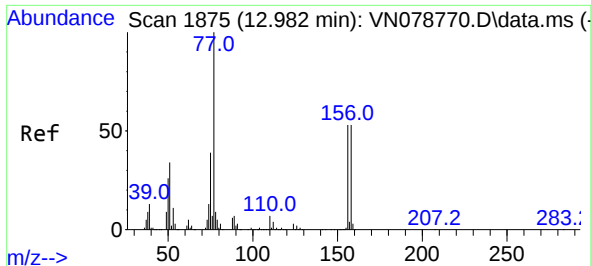
| Tgt Ion:  | 83    | Resp: | 54204 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.0   | 15.0  |
| 85        | 63.7  | 31.9  | 95.7  |



#76  
1,2,3-Trichloropropane  
Concen: 25.332 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

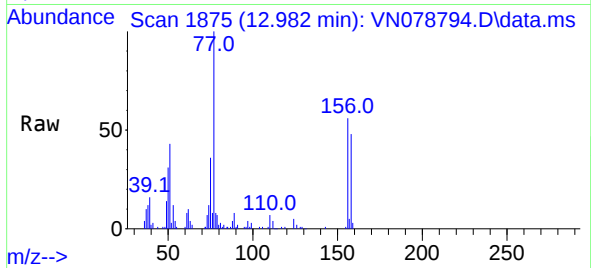
| Tgt Ion:  | 75    | Resp: | 63825 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 127.4 | 84.5  | 253.5 |



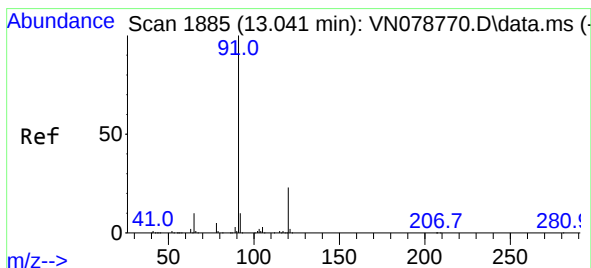
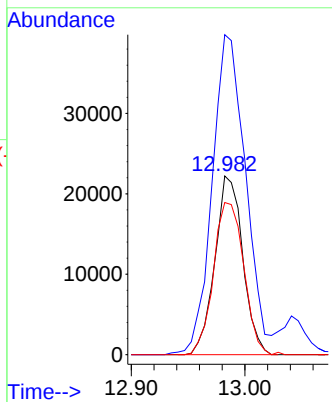
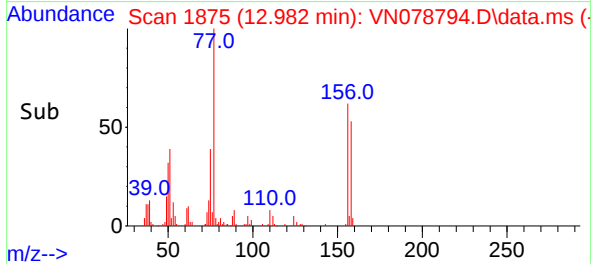


#77  
Bromobenzene  
Concen: 17.575 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

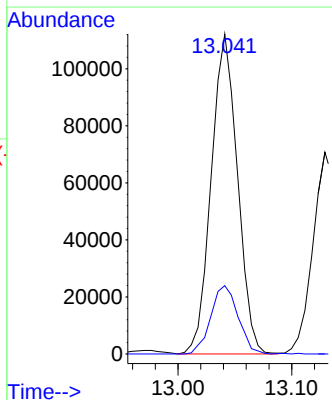
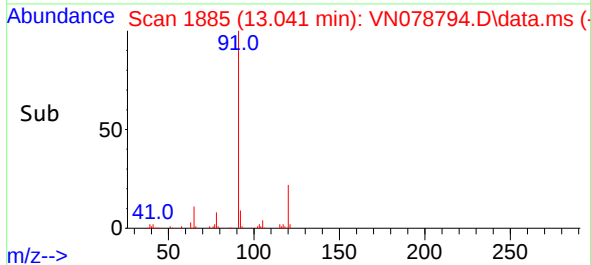
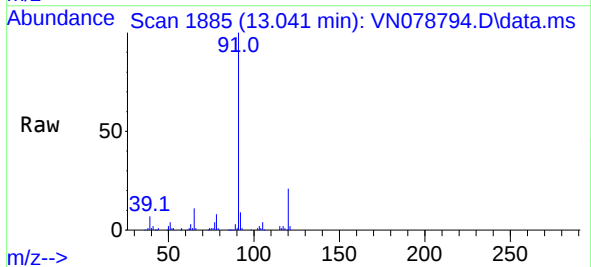


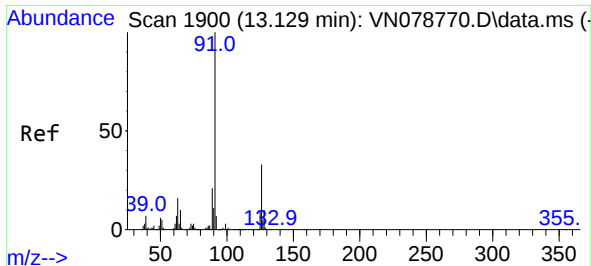
Tgt Ion:156 Resp: 37821  
Ion Ratio Lower Upper  
156 100  
77 215.0 107.7 323.3  
158 92.8 48.4 145.3



#78  
n-propylbenzene  
Concen: 17.875 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 91 Resp: 180187  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.4

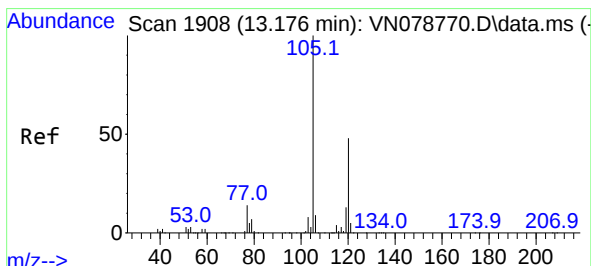
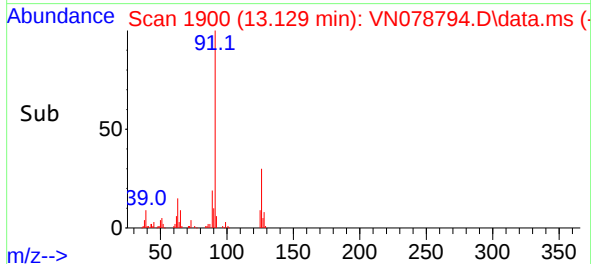
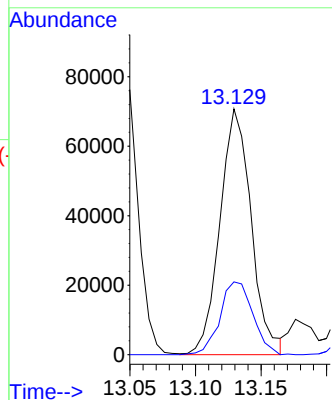
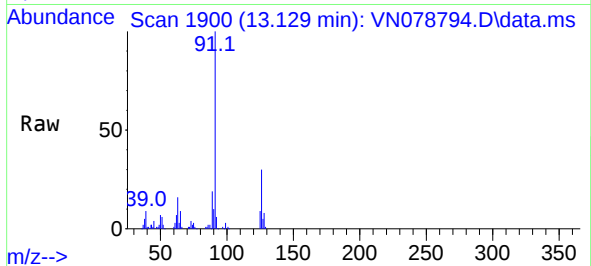




#79  
2-Chlorotoluene  
Concen: 18.161 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

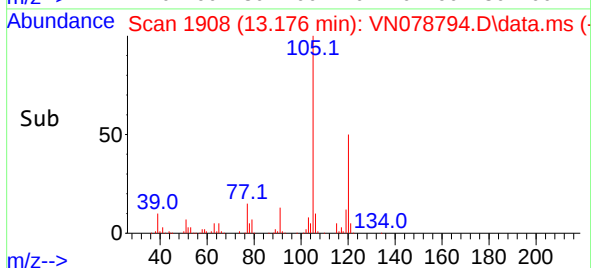
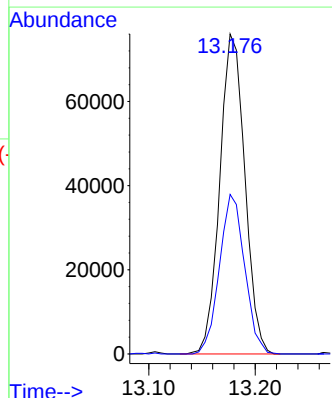
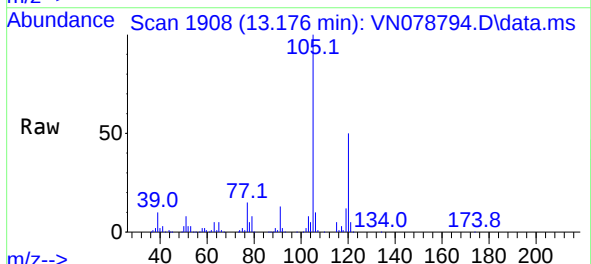
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

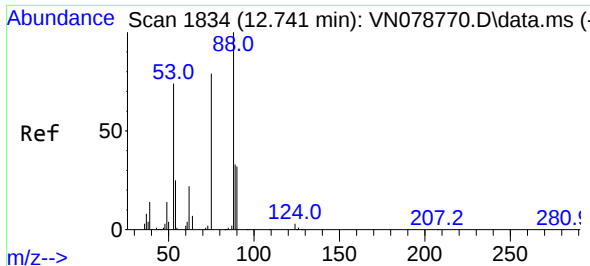
Tgt Ion: 91 Resp: 117618  
Ion Ratio Lower Upper  
91 100  
126 31.1 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 16.901 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 105 Resp: 124172  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.1 72.3

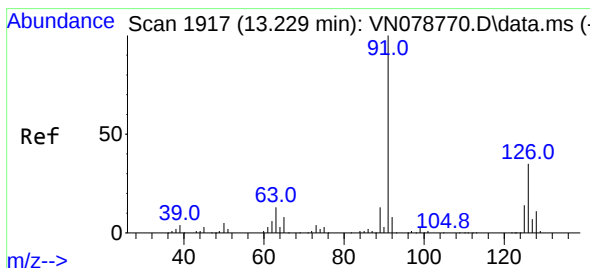
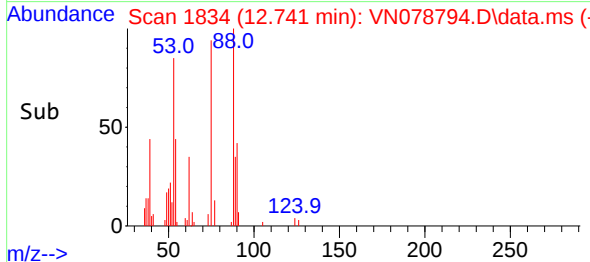
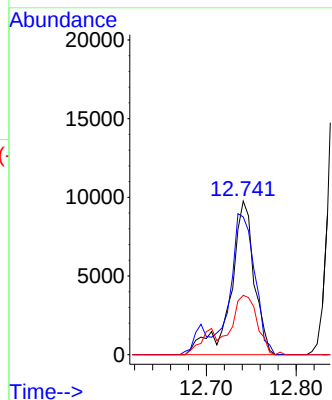
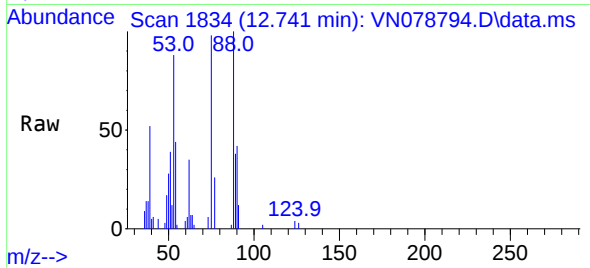




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.920 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

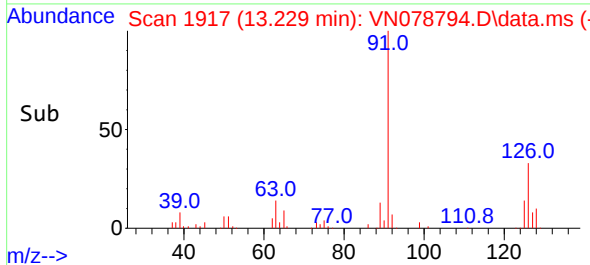
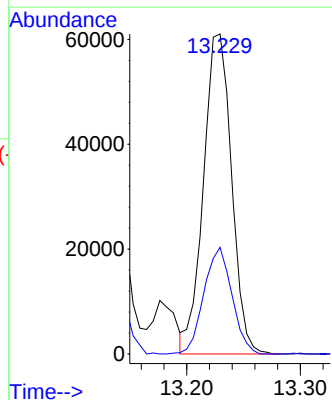
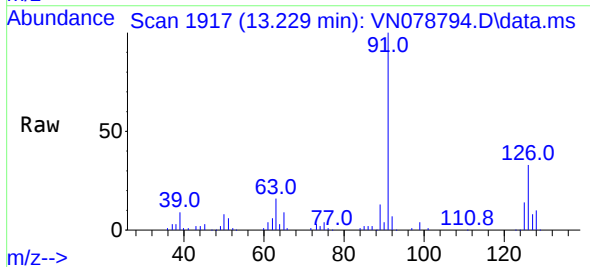
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

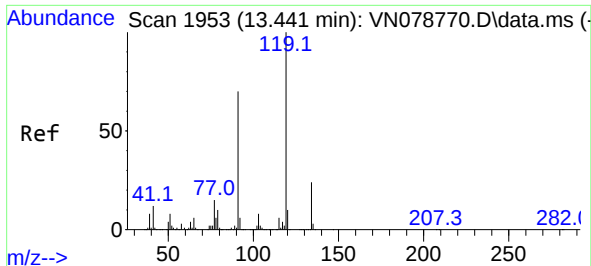
Tgt Ion: 75 Resp: 17765  
Ion Ratio Lower Upper  
75 100  
53 93.5 67.4 101.2  
89 39.3 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 17.710 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion: 91 Resp: 104924  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.7 50.0

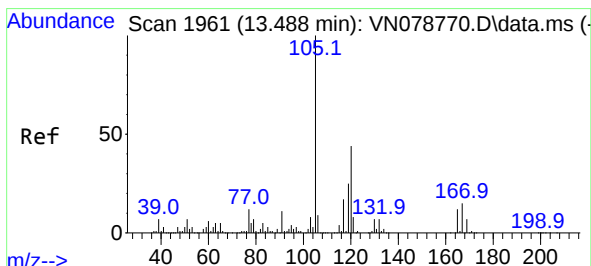
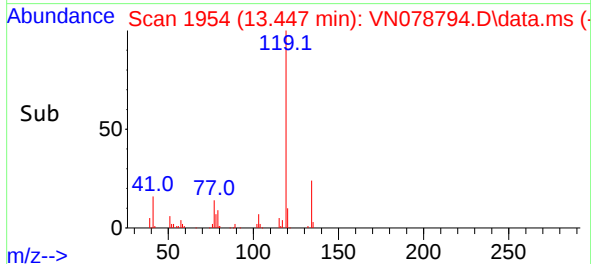
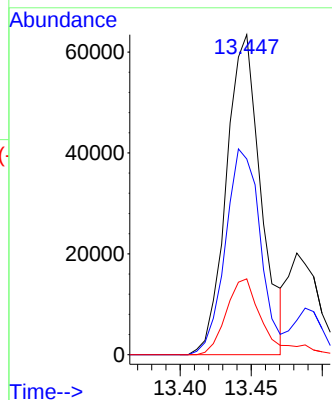
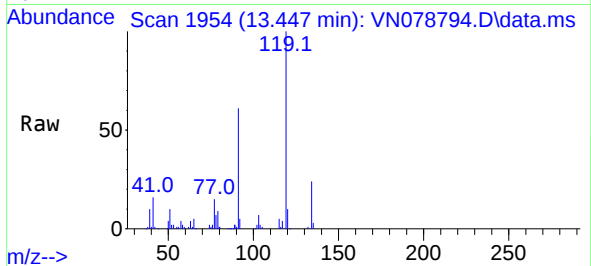




#83  
tert-Butylbenzene  
Concen: 17.497 ug/l  
RT: 13.447 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

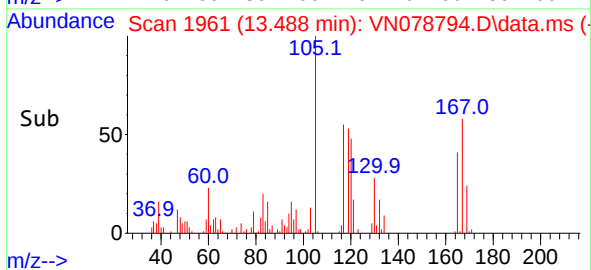
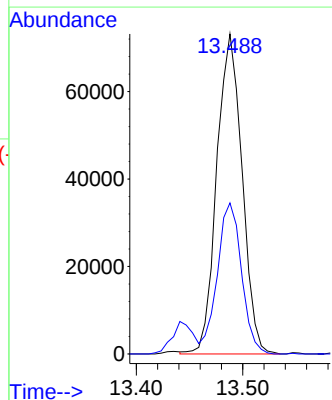
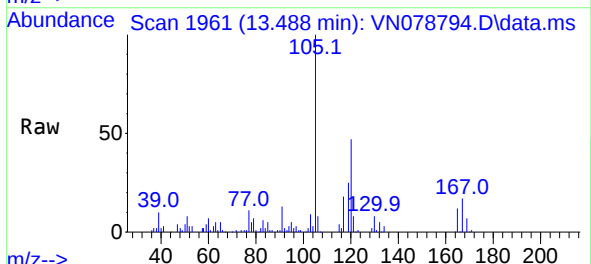
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

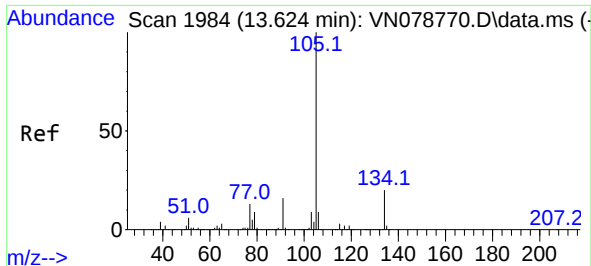
Tgt Ion:119 Resp: 107069  
Ion Ratio Lower Upper  
119 100  
91 65.1 33.9 101.7  
134 25.4 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 17.091 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:105 Resp: 120684  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.0 66.0

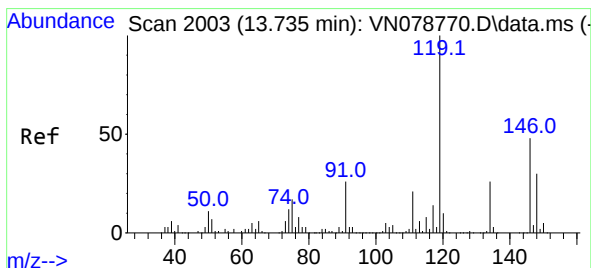
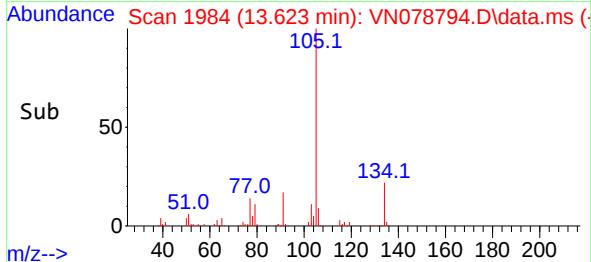
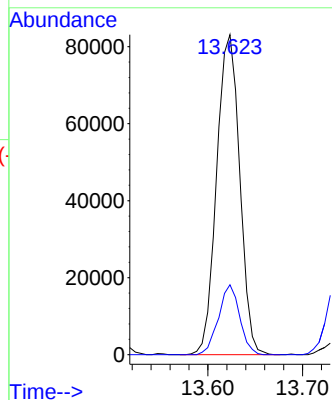
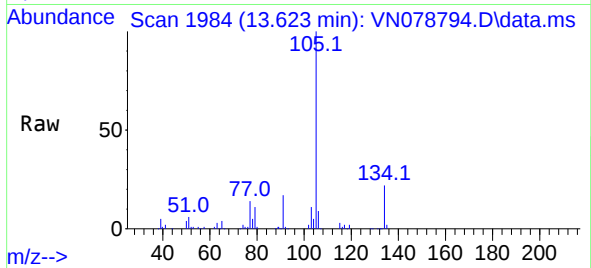




#85  
 sec-Butylbenzene  
 Concen: 17.579 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN078794.D  
 Acq: 08 Aug 2023 11:49

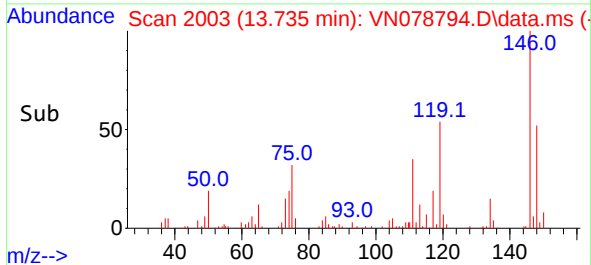
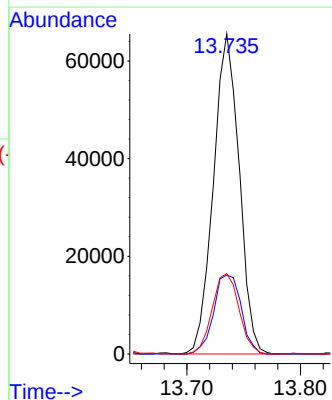
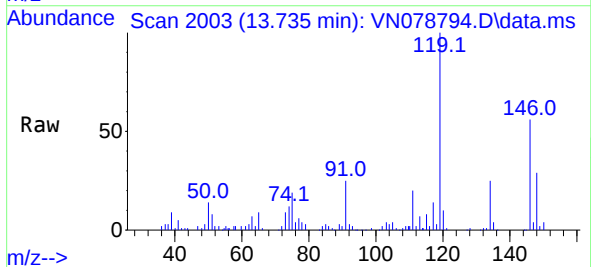
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0808WBS01

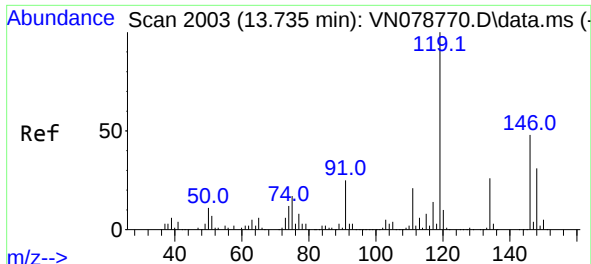
Tgt Ion:105 Resp: 140659  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 16.220 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN078794.D  
 Acq: 08 Aug 2023 11:49

Tgt Ion:119 Resp: 103194  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.6 37.8  
 91 26.2 12.4 37.2

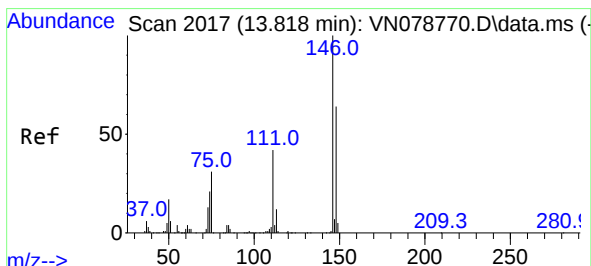
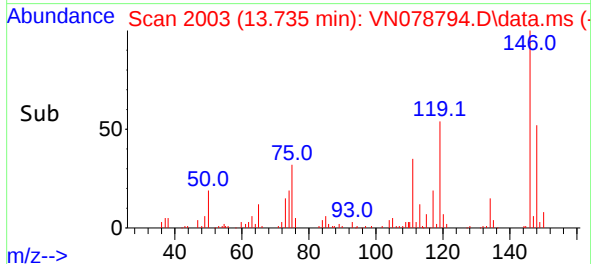
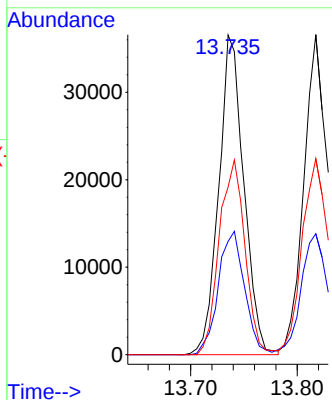
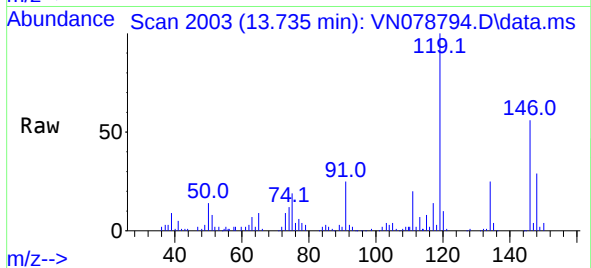




#87  
1,3-Dichlorobenzene  
Concen: 17.372 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

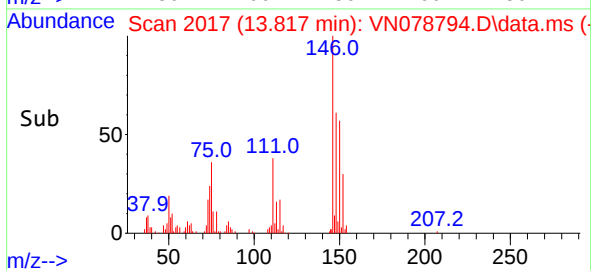
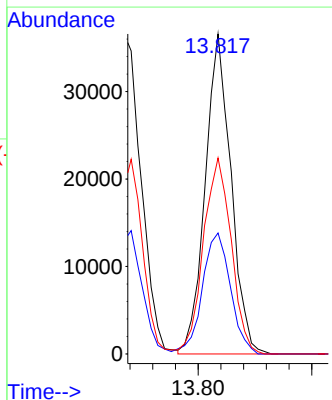
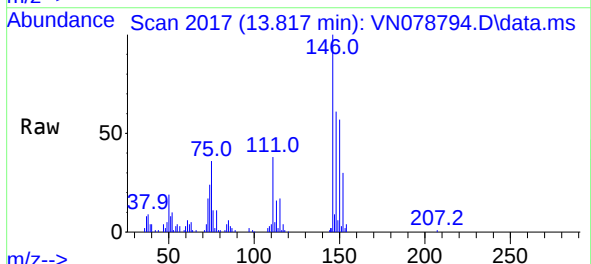
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

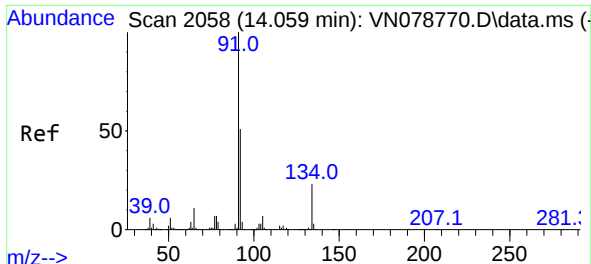
Tgt Ion:146 Resp: 59708  
Ion Ratio Lower Upper  
146 100  
111 40.6 22.1 66.3  
148 62.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 16.937 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Tgt Ion:146 Resp: 57706  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.6 61.8  
148 66.3 31.6 94.8





#89

n-Butylbenzene

Concen: 15.787 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0808WBS01

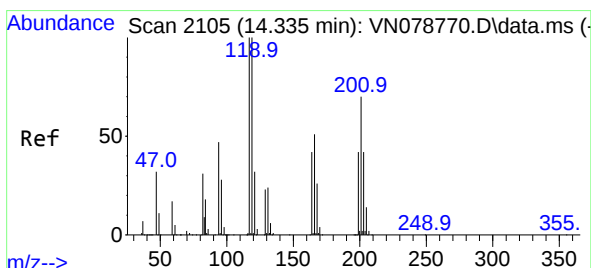
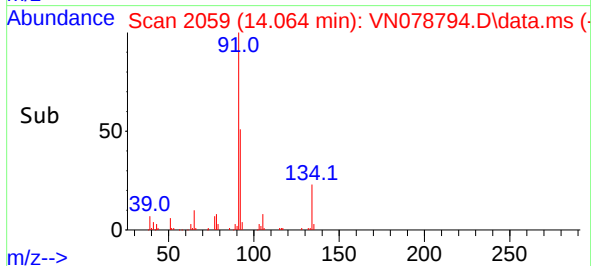
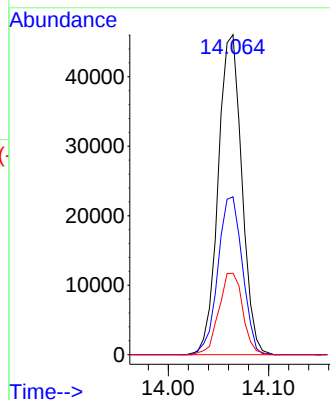
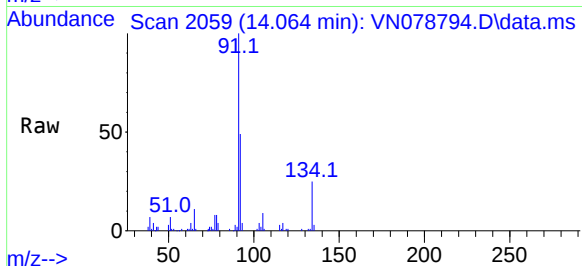
Tgt Ion: 91 Resp: 75363

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 16.173 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078794.D

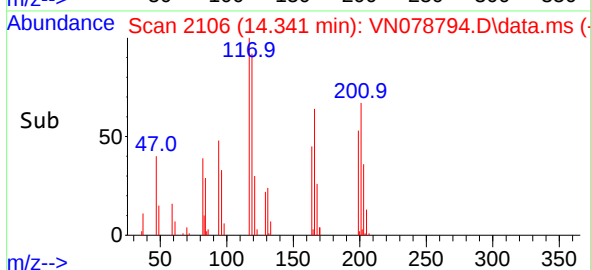
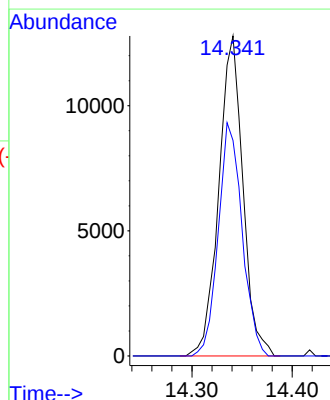
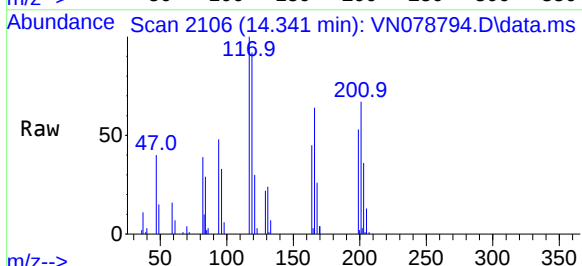
Acq: 08 Aug 2023 11:49

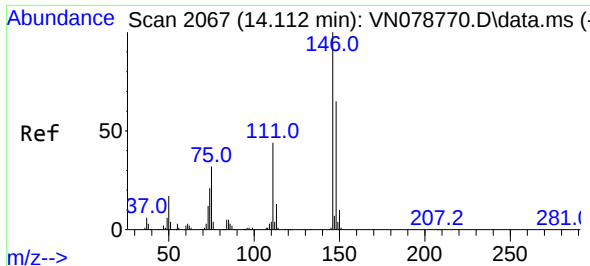
Tgt Ion: 117 Resp: 21327

Ion Ratio Lower Upper

117 100

201 72.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.650 ug/l

RT: 14.106 min Scan# 2067

Delta R.T. -0.006 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0808WBS01

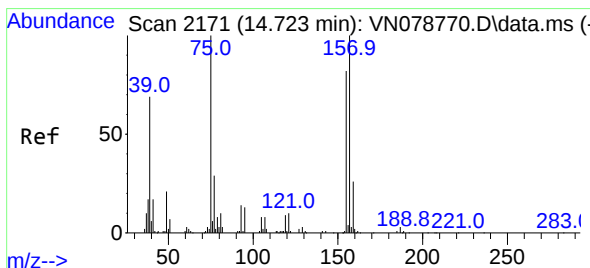
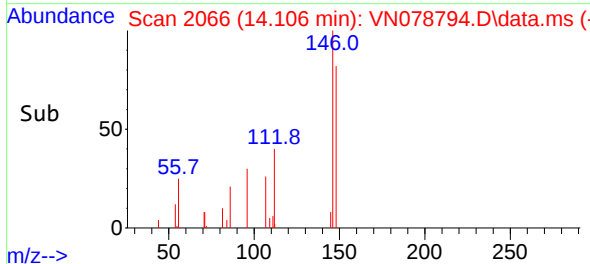
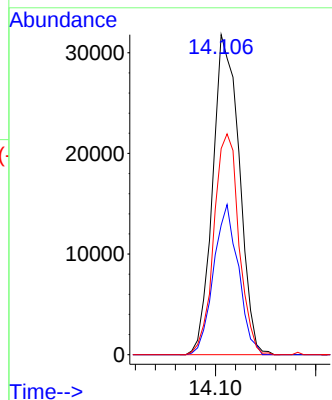
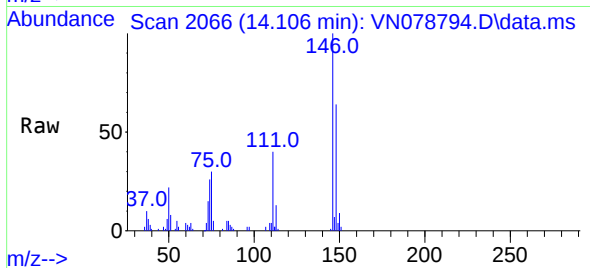
Tgt Ion:146 Resp: 58438

Ion Ratio Lower Upper

146 100

111 43.9 22.0 66.0

148 65.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.921 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078794.D

Acq: 08 Aug 2023 11:49

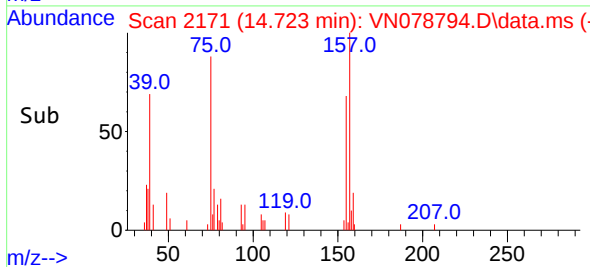
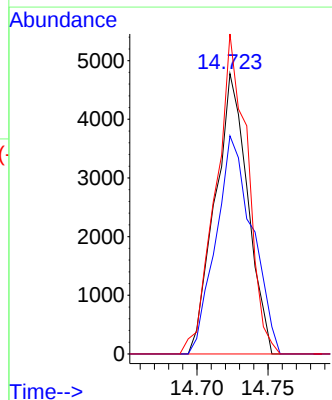
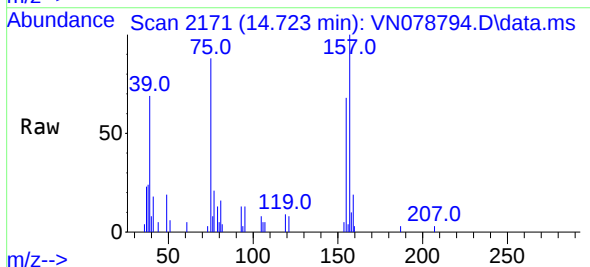
Tgt Ion: 75 Resp: 7612

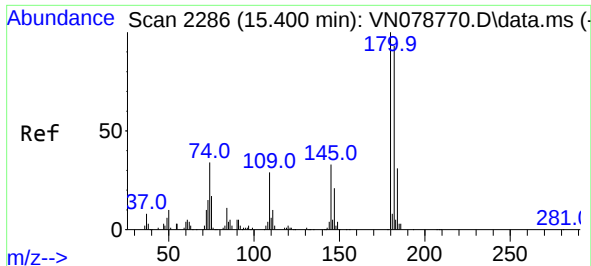
Ion Ratio Lower Upper

75 100

155 87.0 39.1 117.2

157 110.9 50.3 150.9

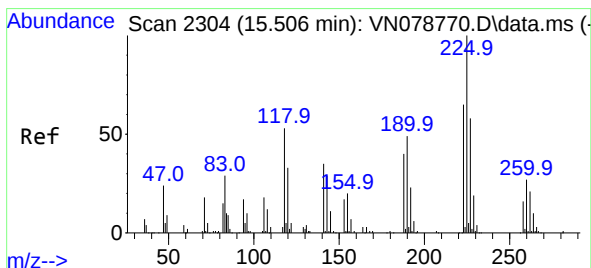
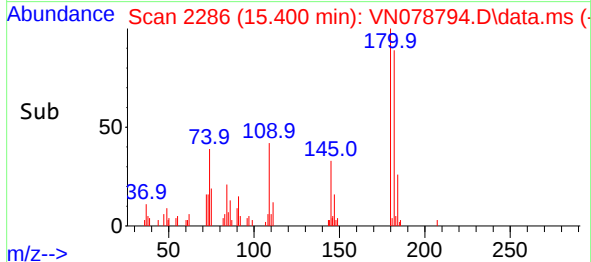
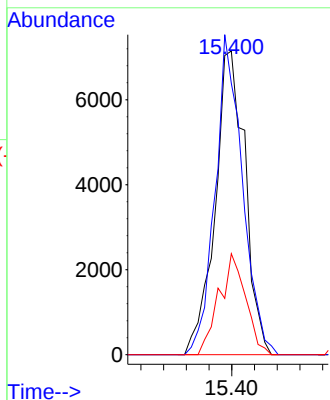
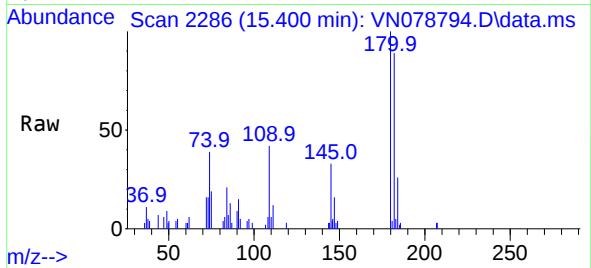




#93  
1,2,4-Trichlorobenzene  
Concen: 14.087 ug/l  
RT: 15.400 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

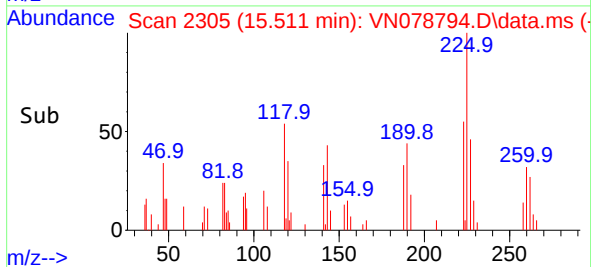
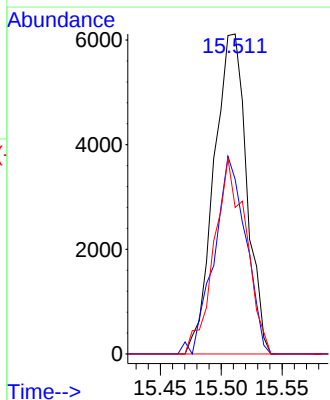
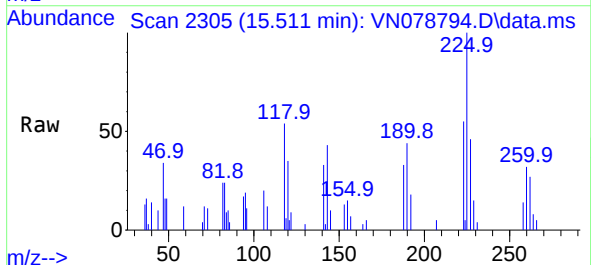
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

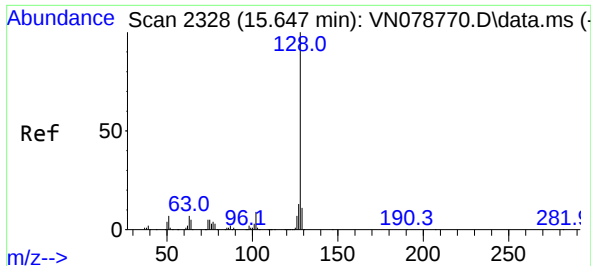
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 13105 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.1  | 46.1  | 138.2 |
| 145       | 29.5  | 16.6  | 49.8  |



#94  
Hexachlorobutadiene  
Concen: 16.323 ug/l  
RT: 15.511 min Scan# 2305  
Delta R.T. 0.005 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 11424 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.0  | 31.3  | 93.8  |
| 227       | 59.7  | 31.9  | 95.9  |

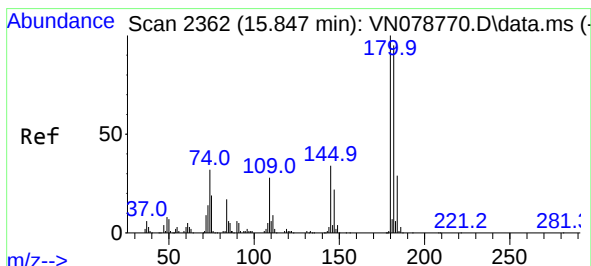
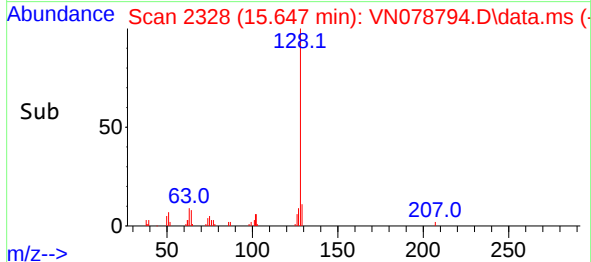
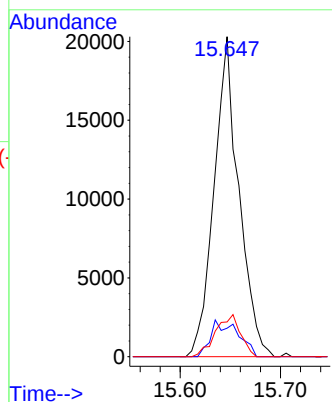
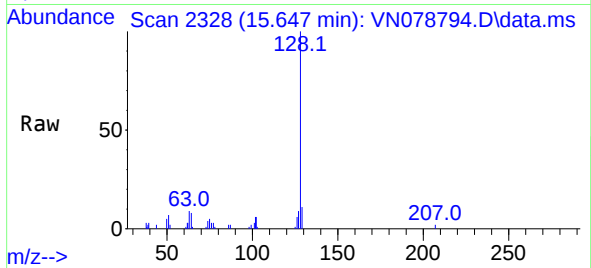




#95  
Naphthalene  
Concen: 11.217 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0808WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.0  | 15.0  |
| 129     | 13.2  | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 14.284 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VN078794.D  
Acq: 08 Aug 2023 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 104.5 | 46.2  | 138.6 |
| 145     | 35.1  | 17.5  | 52.6  |

