

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080723\  
 Data File : VN078789.D  
 Acq On : 07 Aug 2023 21:17  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICSVN080723

Quant Time: Aug 08 05:20:35 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      | 8.235  | 168  | 166679   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.112  | 114  | 290736   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 267697   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152  | 110050   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 124539   | 49.840   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.680%  |
| 35) Dibromofluoromethane    | 8.177  | 113   | 102435   | 52.173   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.340% |
| 50) Toluene-d8              | 10.576 | 98    | 387381   | 53.615   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 107.240% |
| 62) 4-Bromofluorobenzene    | 12.859 | 95    | 120592   | 55.847   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 111.700% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 112300  | 45.654  | ug/l   | 98  |
| 3) Chloromethane             | 2.371 | 50  | 133701  | 46.597  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.518 | 62  | 120826  | 44.598  | ug/l   | 98  |
| 5) Bromomethane              | 2.953 | 94  | 80980   | 42.205  | ug/l   | 92  |
| 6) Chloroethane              | 3.118 | 64  | 82772   | 46.465  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 167841  | 45.102  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.971 | 74  | 64479   | 47.485  | ug/l   | 60  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 93208   | 48.086  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.595 | 142 | 121179  | 48.686  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.547 | 59  | 93884   | 214.082 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 88083   | 45.218  | ug/l # | 80  |
| 13) Acrolein                 | 4.189 | 56  | 87246   | 235.131 | ug/l   | 97  |
| 14) Allyl chloride           | 5.036 | 41  | 170031  | 52.423  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.730 | 53  | 280323  | 245.455 | ug/l   | 99  |
| 16) Acetone                  | 4.442 | 43  | 219062  | 227.851 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.718 | 76  | 256247  | 46.114  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.042 | 43  | 203882  | 47.216  | ug/l # | 82  |
| 19) Methyl tert-butyl Ether  | 5.812 | 73  | 318037  | 48.331  | ug/l   | 93  |
| 20) Methylene Chloride       | 5.283 | 84  | 108742  | 45.669  | ug/l # | 73  |
| 21) trans-1,2-Dichloroethene | 5.800 | 96  | 100242  | 45.985  | ug/l   | 84  |
| 22) Diisopropyl ether        | 6.683 | 45  | 379565  | 48.711  | ug/l # | 88  |
| 23) Vinyl Acetate            | 6.618 | 43  | 1210545 | 247.559 | ug/l # | 84  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 201852  | 47.637  | ug/l   | 97  |
| 25) 2-Butanone               | 7.494 | 43  | 391084  | 240.216 | ug/l # | 76  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 133027  | 44.956  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 118775  | 47.458  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.824 | 49  | 105071  | 45.762  | ug/l # | 73  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 263336  | 241.711 | ug/l # | 71  |
| 30) Chloroform               | 7.977 | 83  | 202348  | 47.417  | ug/l   | 92  |
| 31) Cyclohexane              | 8.265 | 56  | 169137  | 46.068  | ug/l # | 78  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 177112  | 48.827  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 8.382 | 75  | 154176  | 50.616  | ug/l   | 94  |
| 37) Ethyl Acetate            | 7.571 | 43  | 159557  | 49.267  | ug/l # | 90  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 154074  | 49.067  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.612 | 83  | 140660  | 49.440  | ug/l # | 87  |
| 40) Benzene                  | 8.612 | 78  | 449071  | 48.743  | ug/l   | 98  |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

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 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         | 7.788  | 41   | 83159    | 46.181   | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.682  | 62   | 157318   | 47.507   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 270850   | 49.604   | ug/l # | 88       |
| 44) Trichloroethene           | 9.359  | 130  | 106593   | 47.241   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 119576   | 48.415   | ug/l   | 100      |
| 46) Dibromomethane            | 9.718  | 93   | 82269    | 50.049   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.894  | 83   | 160121   | 48.940   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.688  | 41   | 127971   | 50.724   | ug/l # | 78       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 42562    | 1038.907 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 845499   | 252.804  | ug/l # | 85       |
| 52) Toluene                   | 10.641 | 92   | 284174   | 50.506   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 167796   | 50.194   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 183079   | 50.408   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 110336   | 49.333   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 169317   | 52.206   | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 190727   | 49.050   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 307519   | 264.113  | ug/l   | 89       |
| 59) 2-Hexanone                | 11.200 | 43   | 601422   | 253.960  | ug/l   | 84       |
| 60) Dibromochloromethane      | 11.365 | 129  | 118668   | 50.554   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 108295   | 48.887   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.112 | 164  | 99513    | 48.246   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 285864   | 46.891   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 109949   | 46.565   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.970 | 91   | 522312   | 48.100   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 394620   | 98.503   | ug/l   | 100      |
| 69) o-Xylene                  | 12.406 | 106  | 195281   | 49.657   | ug/l   | 100      |
| 70) Styrene                   | 12.418 | 104  | 316388   | 51.262   | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 78807    | 47.852   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 483684   | 44.657   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 218388   | 44.449   | ug/l # | 83       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 153146   | 41.606   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 187488   | 63.013   | ug/l   | 71       |
| 77) Bromobenzene              | 12.988 | 156  | 112965   | 44.450   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.041 | 91   | 537228   | 45.128   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 333531   | 43.609   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 391659   | 45.140   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 51995    | 46.892   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 317659   | 45.402   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.447 | 119  | 313863   | 43.432   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 387494   | 46.469   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.623 | 105  | 424735   | 44.949   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 336916   | 44.841   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 191221   | 47.111   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 183747   | 45.668   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 258396   | 45.835   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 68200    | 43.795   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 183357   | 46.893   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 24322    | 43.077   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 50967    | 46.390   | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 32174    | 47.501   | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 163229   | 44.510   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 58514    | 44.727   | ug/l   | 98       |

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Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 25 Sample Multiplier: 1

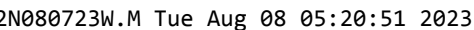
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

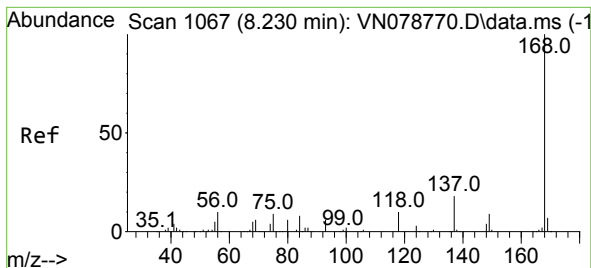
Quant Time: Aug 08 05:20:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080723W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 08 05:03:52 2023  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

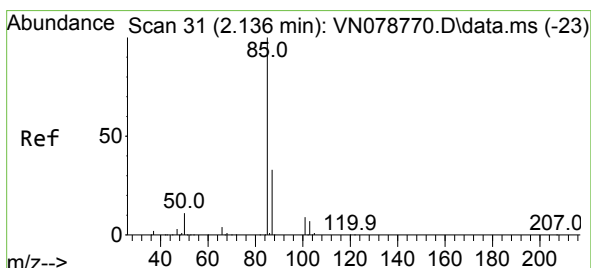
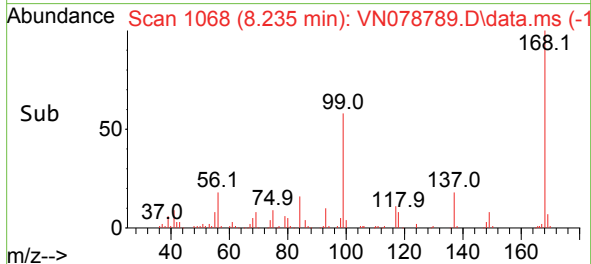
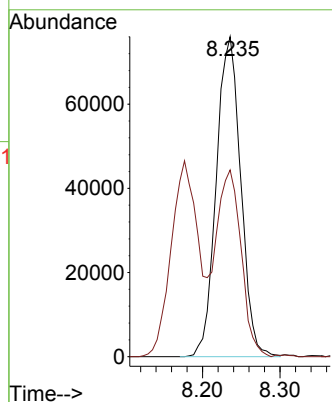
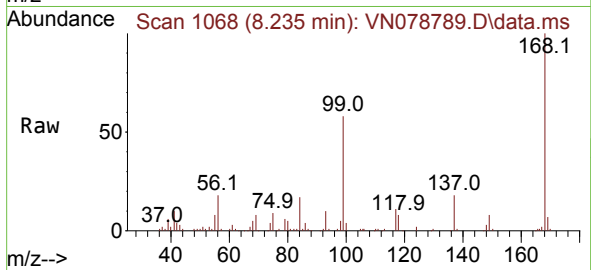
ICVVN080723

Tgt Ion:168 Resp: 166679

Ion Ratio Lower Upper

168 100

99 58.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 45.654 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078789.D

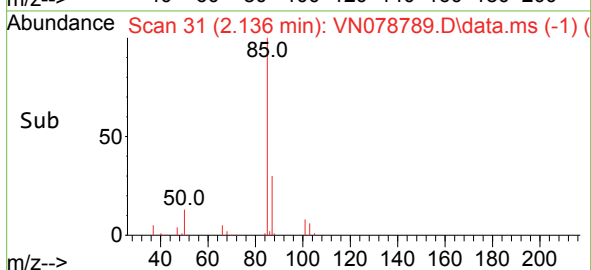
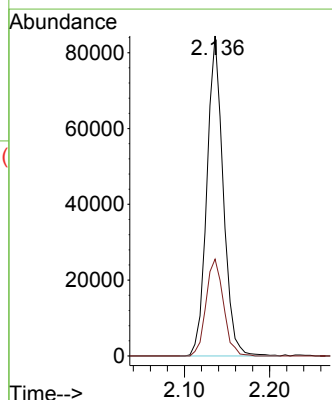
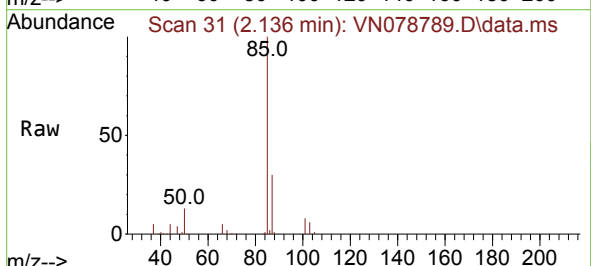
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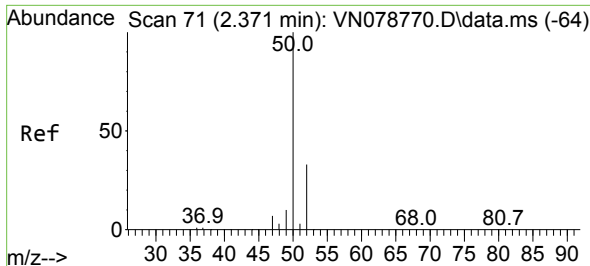
Tgt Ion: 85 Resp: 112300

Ion Ratio Lower Upper

85 100

87 30.2 15.8 47.4

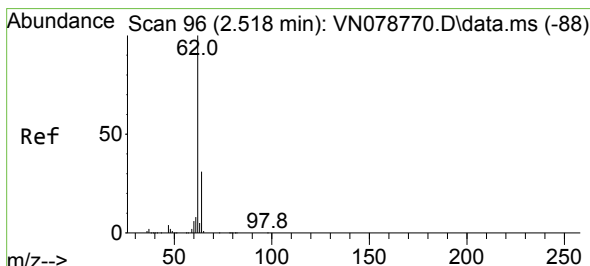
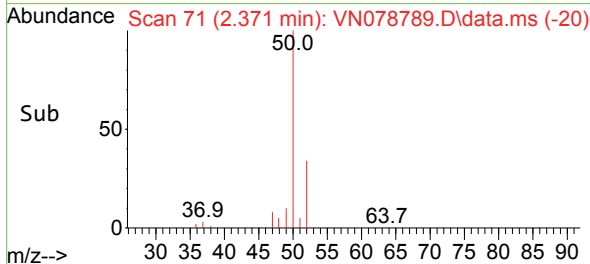
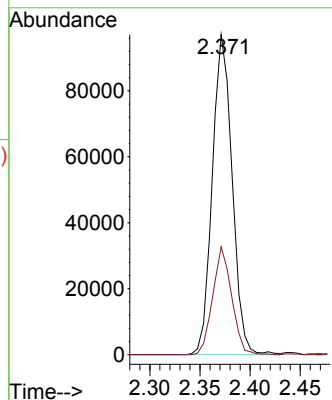
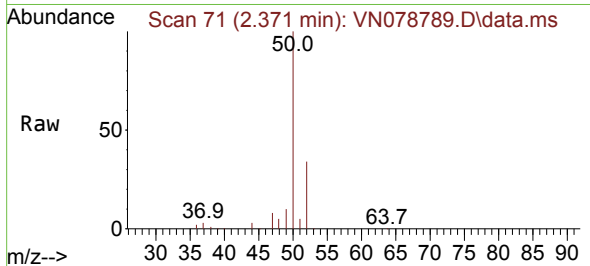




#3  
Chloromethane  
Concen: 46.597 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
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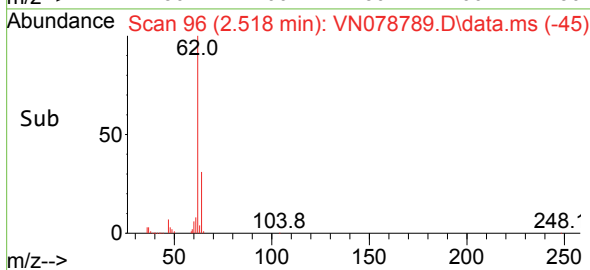
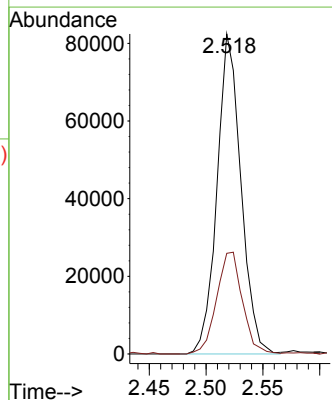
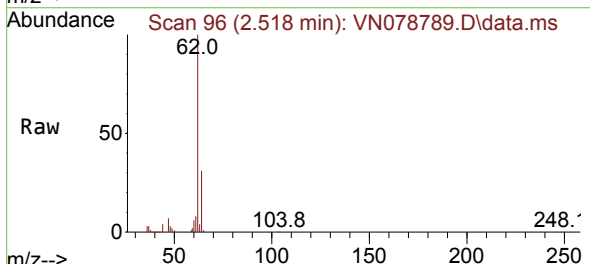
Instrument :  
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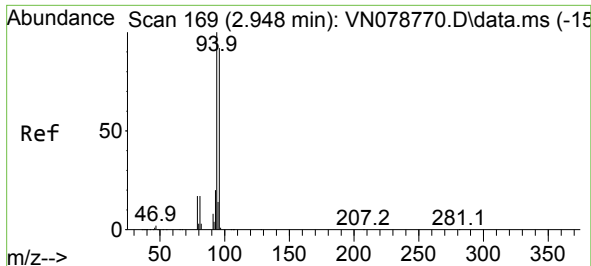
Tgt Ion: 50 Resp: 133701  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.5 39.7



#4  
Vinyl Chloride  
Concen: 44.598 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 62 Resp: 120826  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.2 39.2

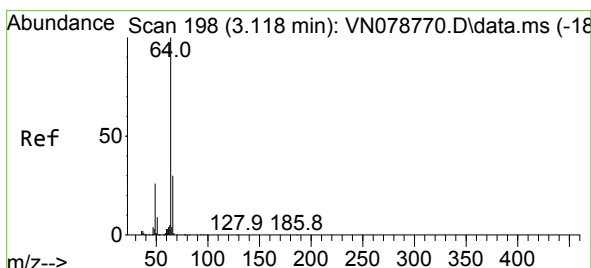
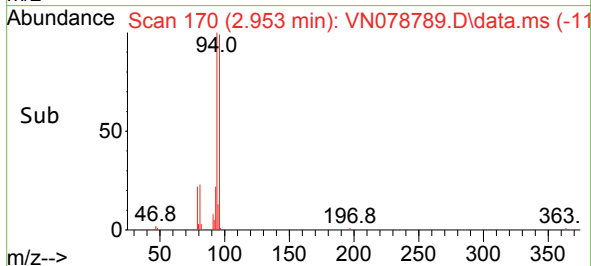
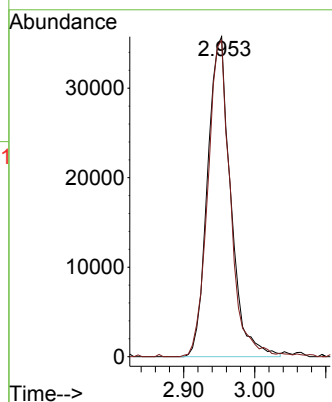
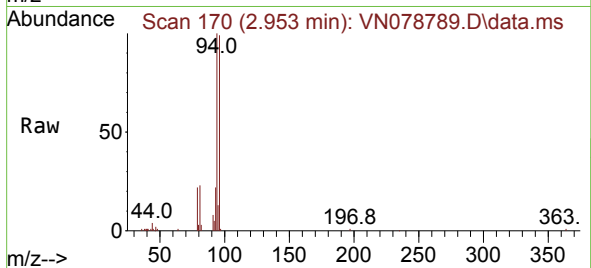




#5  
Bromomethane  
Concen: 42.205 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

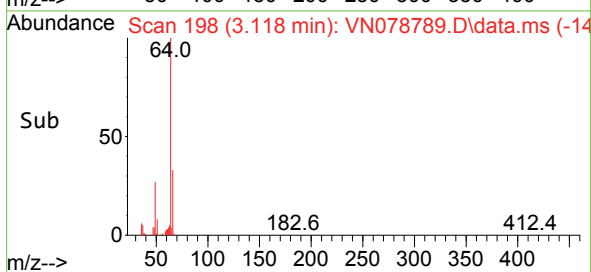
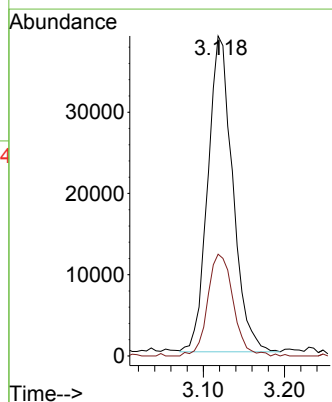
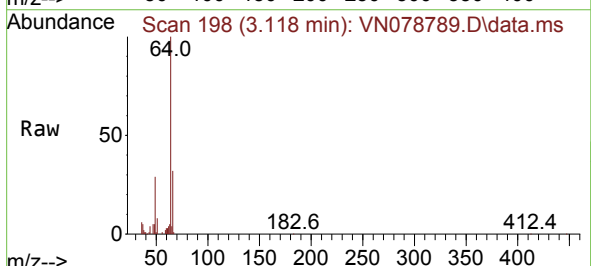
Instrument :  
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ICVVN080723

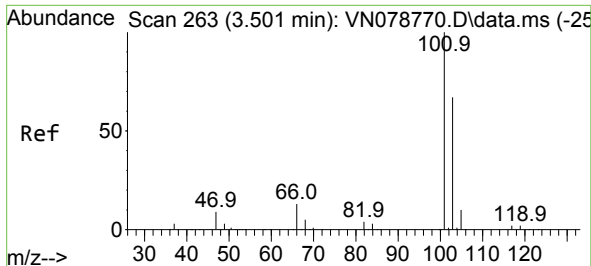
Tgt Ion: 94 Resp: 80980  
Ion Ratio Lower Upper  
94 100  
96 98.9 73.1 109.7



#6  
Chloroethane  
Concen: 46.465 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 64 Resp: 82772  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.4 38.2

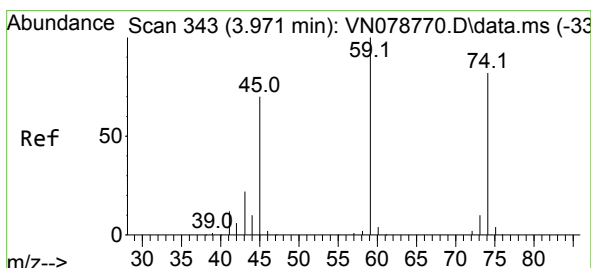
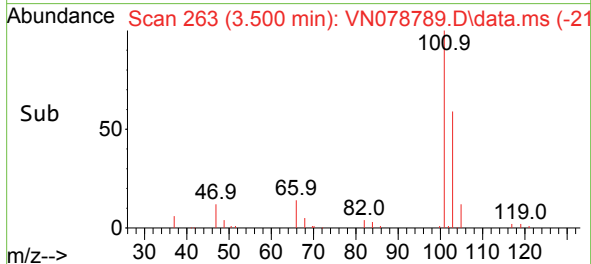
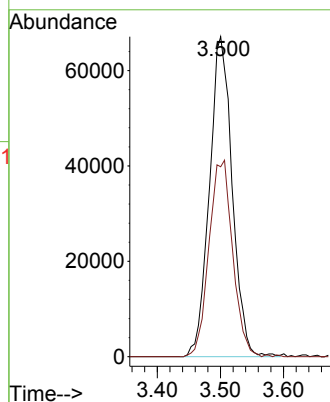
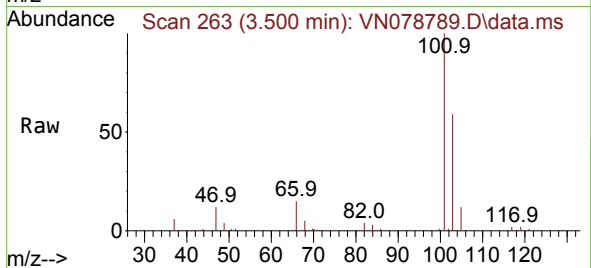




#7  
Trichlorofluoromethane  
Concen: 45.102 ug/l  
RT: 3.500 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

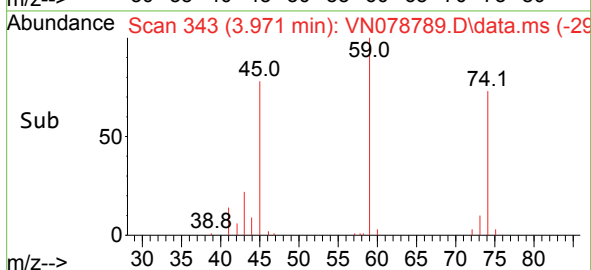
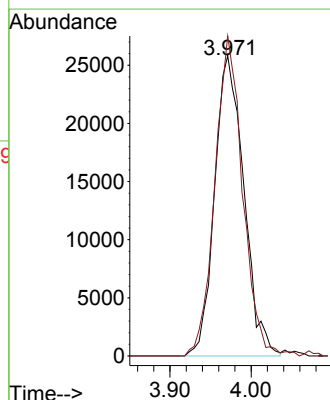
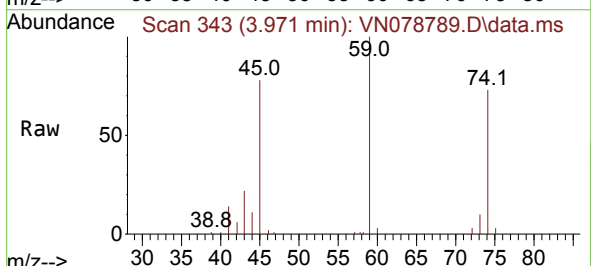
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

Tgt Ion:101 Resp: 167841  
Ion Ratio Lower Upper  
101 100  
103 59.3 50.7 76.1

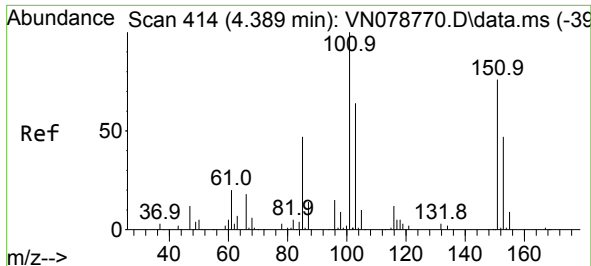


#8  
Diethyl Ether  
Concen: 47.485 ug/l  
RT: 3.971 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 74 Resp: 64479  
Ion Ratio Lower Upper  
74 100  
45 101.6 34.4 103.3



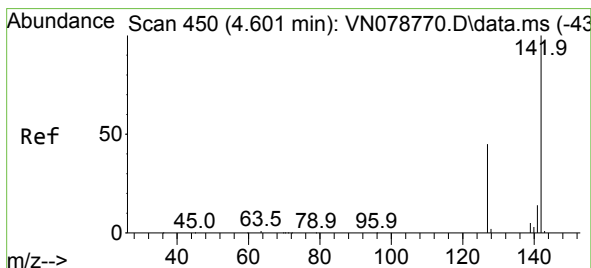
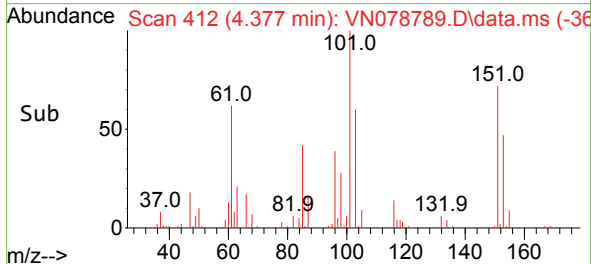
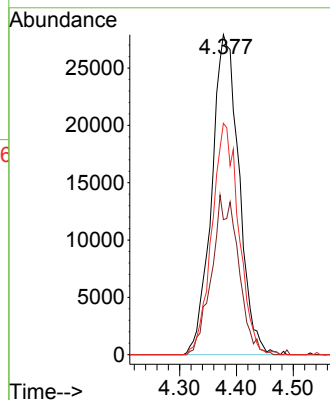
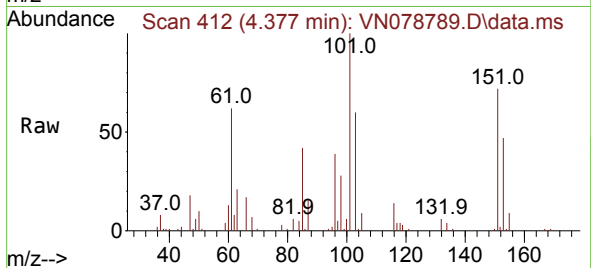




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.086 ug/l  
RT: 4.377 min Scan# 414  
Delta R.T. -0.012 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

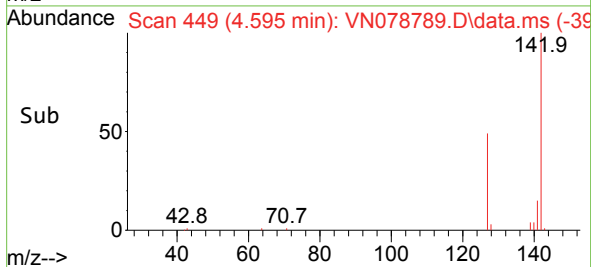
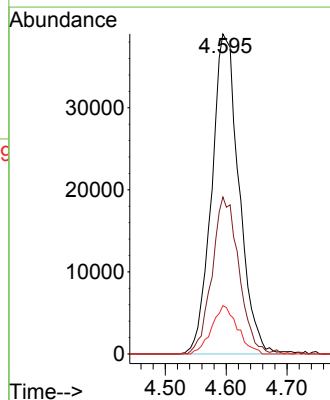
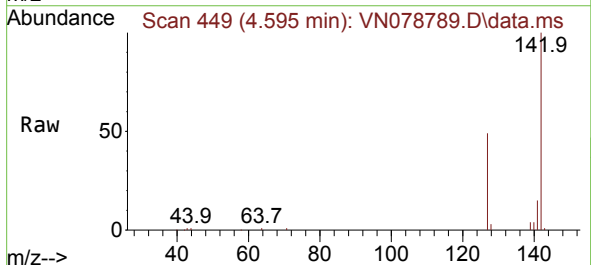
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ICVVN080723

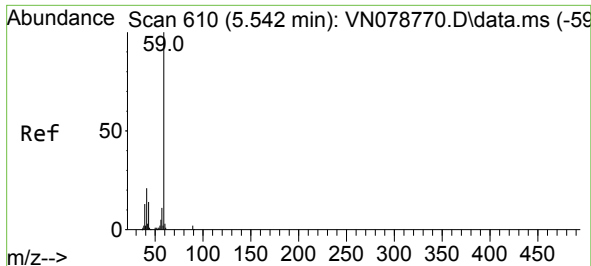
Tgt Ion:101 Resp: 93208  
Ion Ratio Lower Upper  
101 100  
85 48.9 36.6 55.0  
151 70.8 57.6 86.4



#10  
Methyl Iodide  
Concen: 48.686 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. -0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:142 Resp: 121179  
Ion Ratio Lower Upper  
142 100  
127 49.1 37.6 56.4  
141 15.1 11.4 17.0

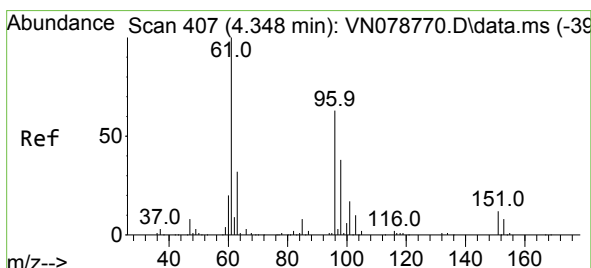
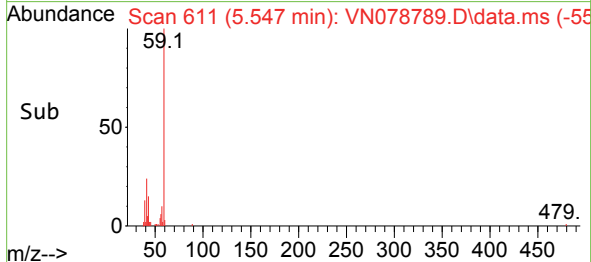
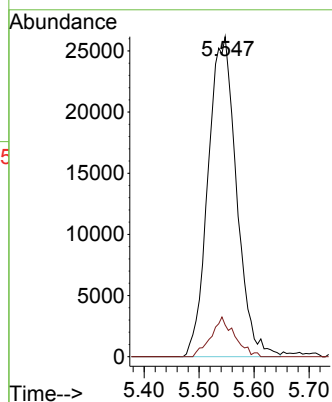
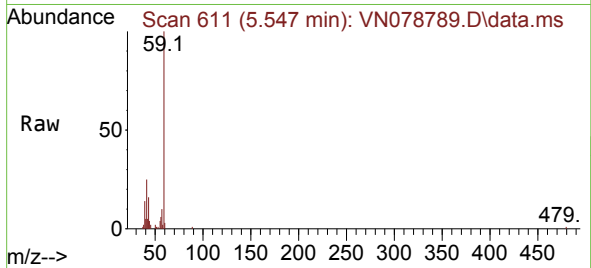




#11  
Tert butyl alcohol  
Concen: 214.082 ug/l  
RT: 5.547 min Scan# 610  
Delta R.T. 0.005 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

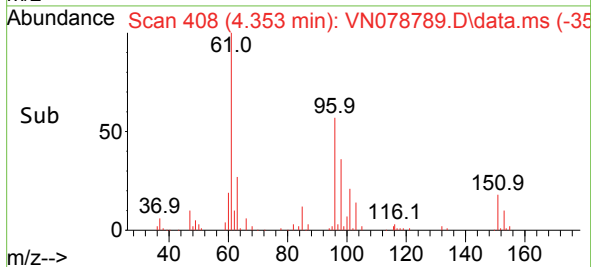
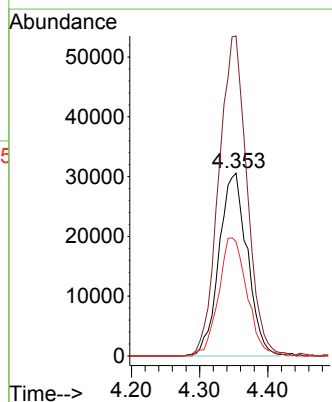
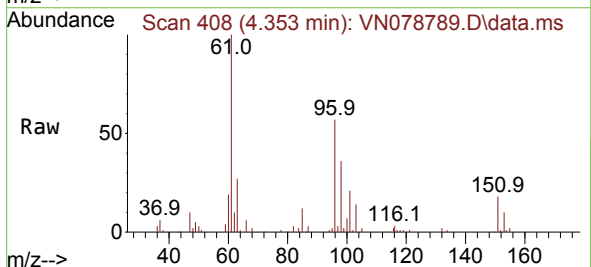
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MSVOA\_N  
ClientSampleId :  
ICVVN080723

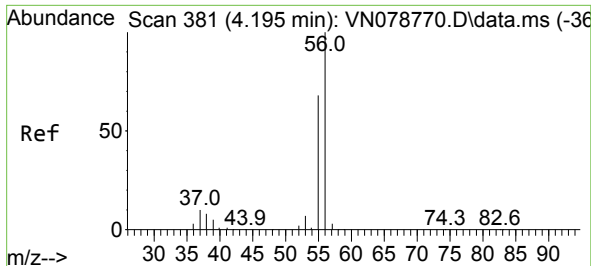
Tgt Ion: 59 Resp: 93884  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 45.218 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 96 Resp: 88083  
Ion Ratio Lower Upper  
96 100  
61 175.2 112.7 169.1#  
98 62.6 51.2 76.8





#13

Acrolein

Concen: 235.131 ug/l

RT: 4.189 min Scan# 381

Delta R.T. -0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

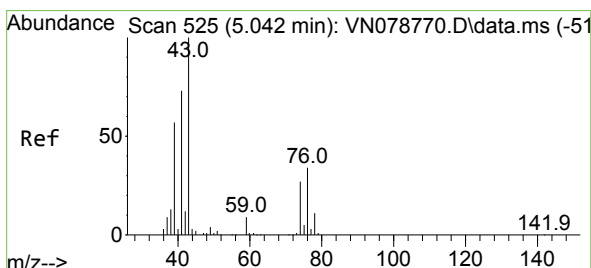
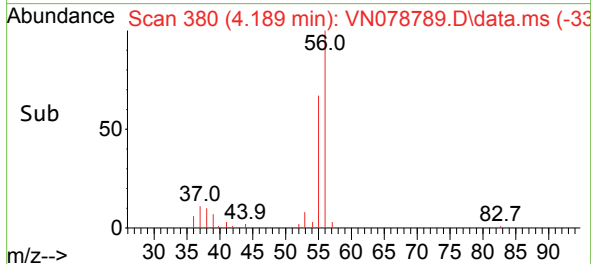
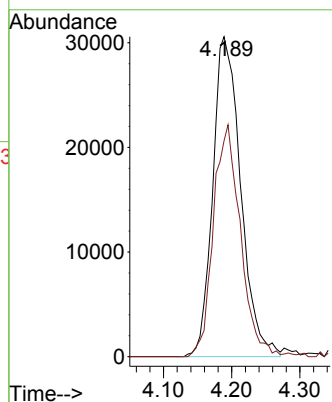
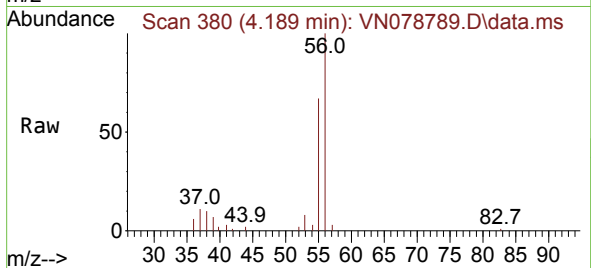
ICVVN080723

Tgt Ion: 56 Resp: 87246

Ion Ratio Lower Upper

56 100

55 70.3 54.5 81.7



#14

Allyl chloride

Concen: 52.423 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

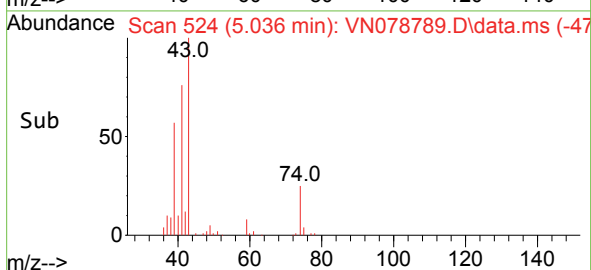
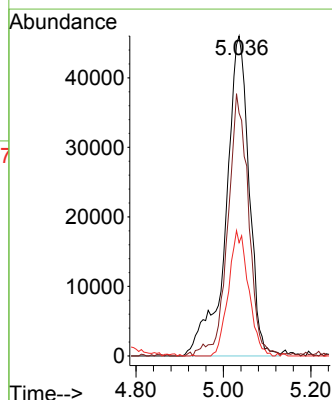
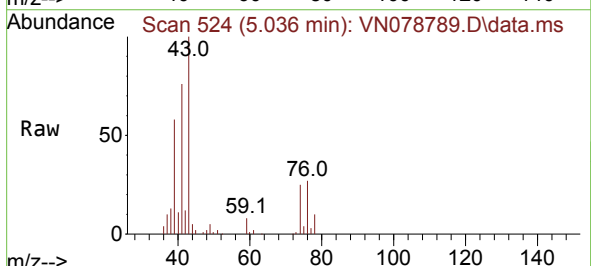
Tgt Ion: 41 Resp: 170031

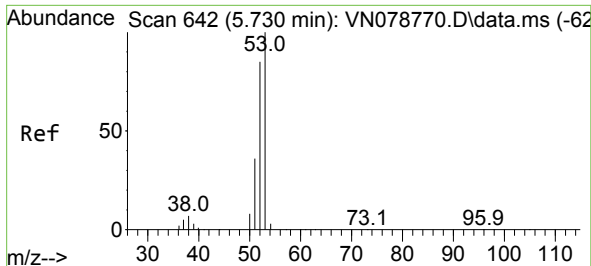
Ion Ratio Lower Upper

41 100

39 73.1 58.8 88.2

76 33.8 39.1 58.7#

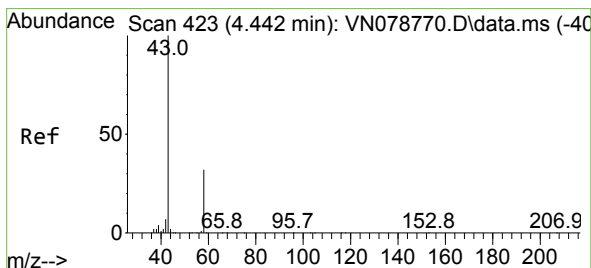
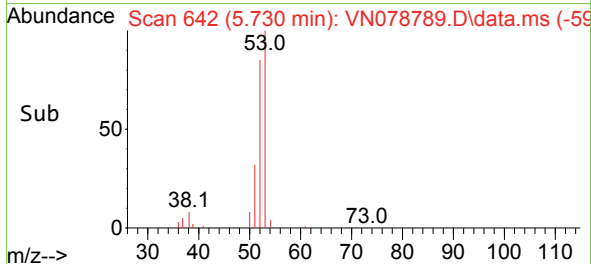
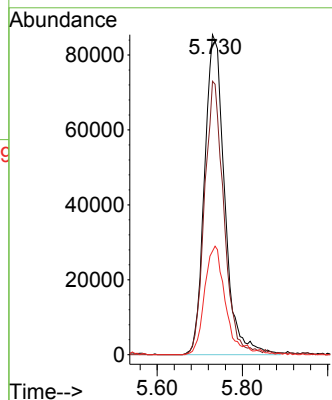
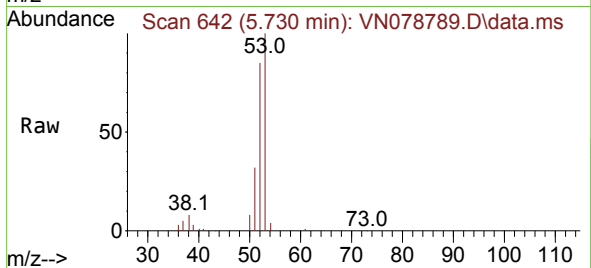




#15  
Acrylonitrile  
Concen: 245.455 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

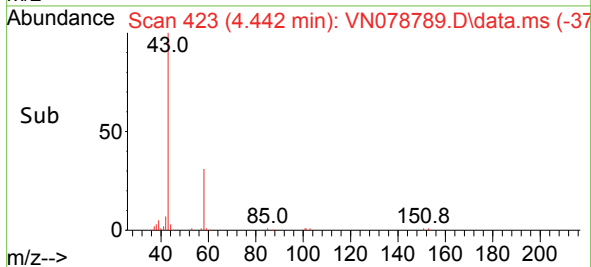
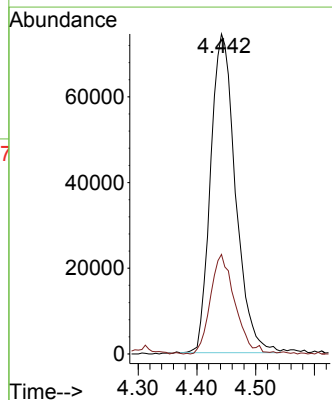
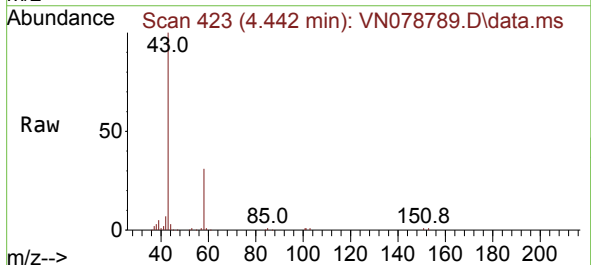
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

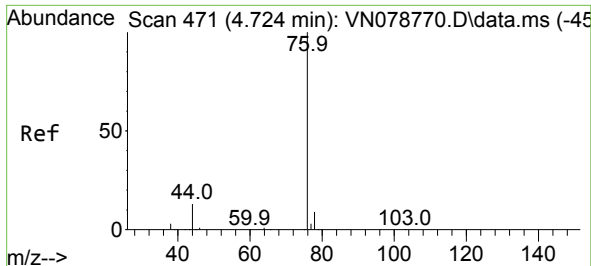
Tgt Ion: 53 Resp: 280323  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.3 97.9  
51 34.9 28.9 43.3



#16  
Acetone  
Concen: 227.851 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 43 Resp: 219062  
Ion Ratio Lower Upper  
43 100  
58 31.1 28.0 42.0

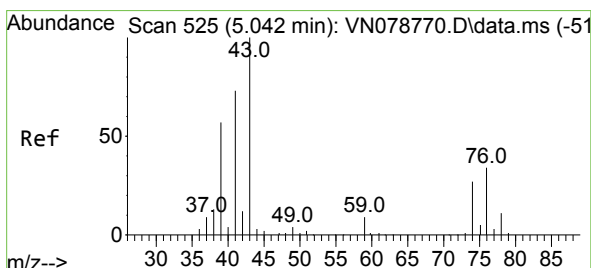
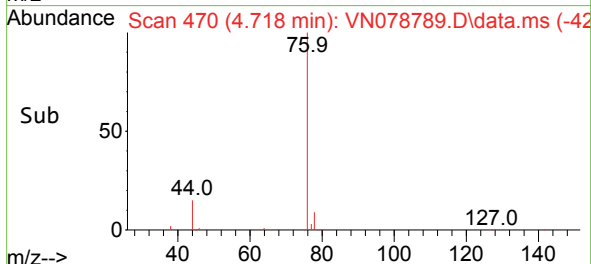
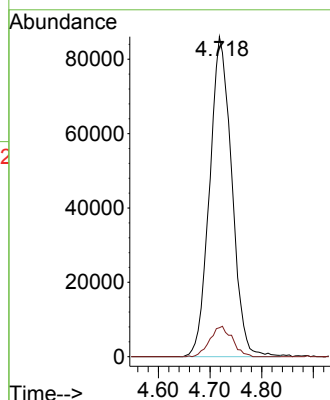
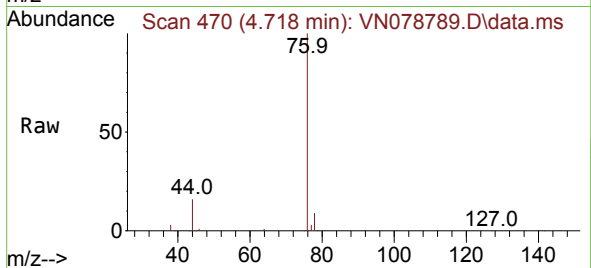




#17  
Carbon Disulfide  
Concen: 46.114 ug/l  
RT: 4.718 min Scan# 471  
Delta R.T. -0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

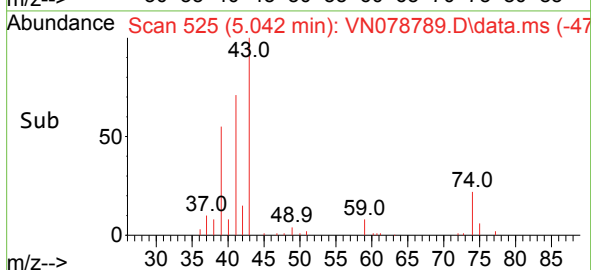
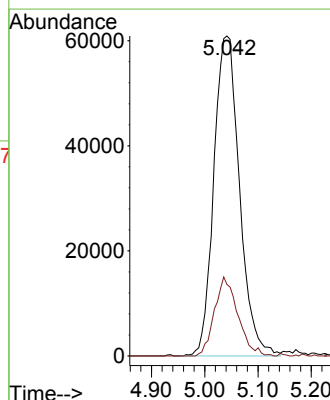
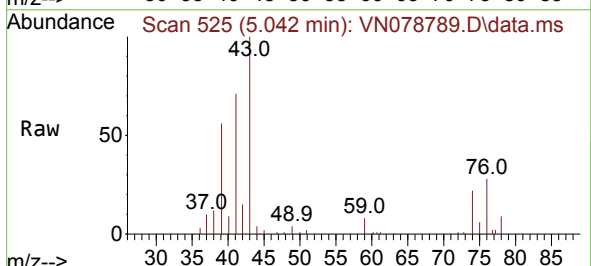
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

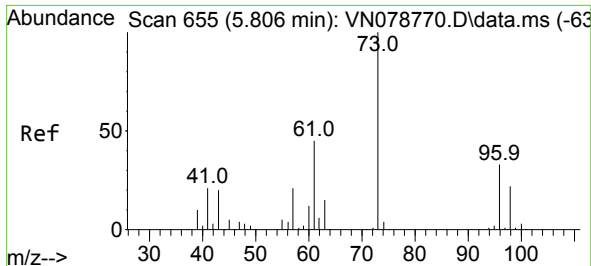
Tgt Ion: 76 Resp: 256247  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.216 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 43 Resp: 203882  
Ion Ratio Lower Upper  
43 100  
74 22.4 26.2 39.4#

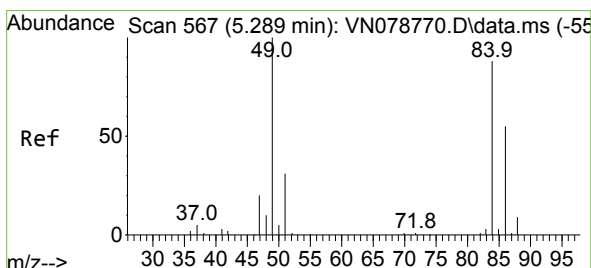
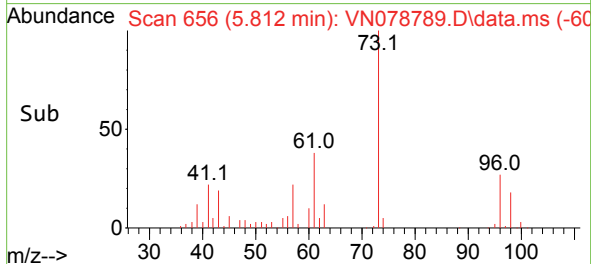
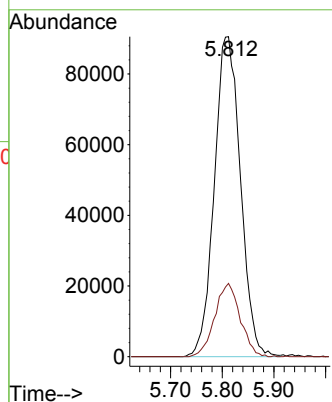
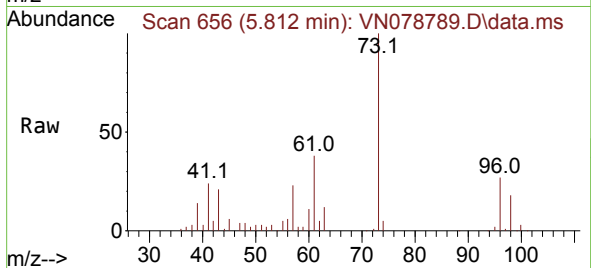




#19  
Methyl tert-butyl Ether  
Concen: 48.331 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

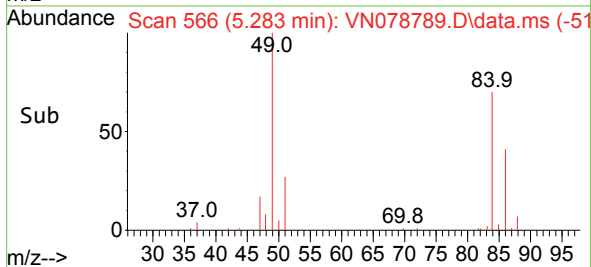
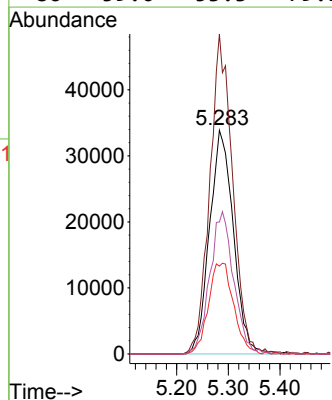
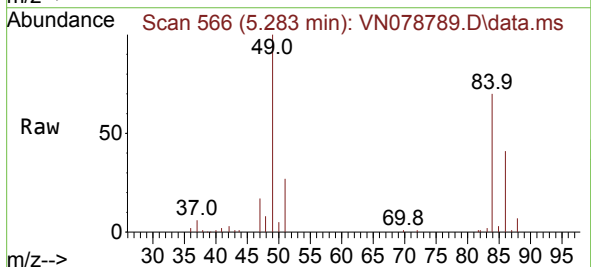
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

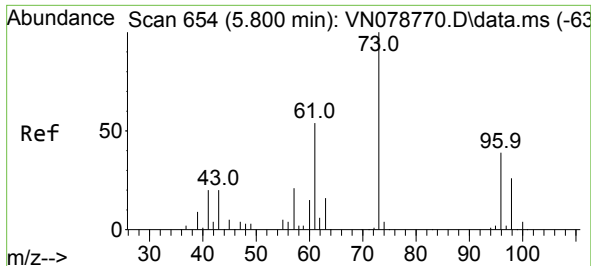
Tgt Ion: 73 Resp: 318037  
Ion Ratio Lower Upper  
73 100  
57 22.9 15.6 23.4



#20  
Methylene Chloride  
Concen: 45.669 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 84 Resp: 108742  
Ion Ratio Lower Upper  
84 100  
49 143.1 79.7 119.5#  
51 39.3 25.2 37.8#  
86 59.0 53.3 79.9

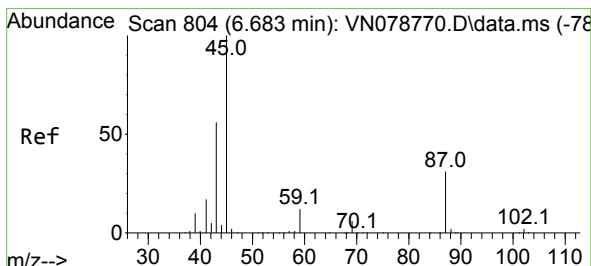
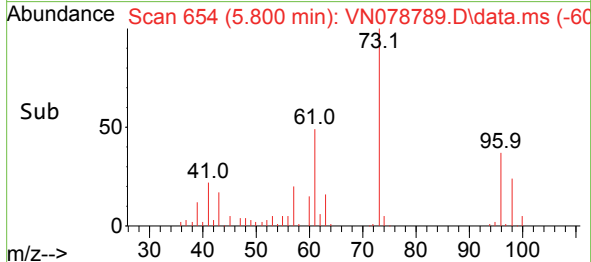
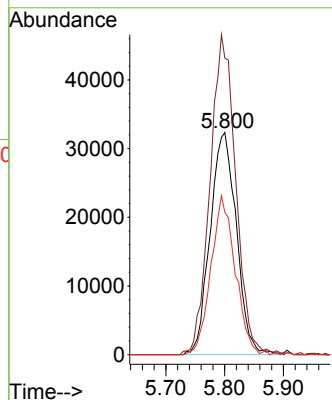
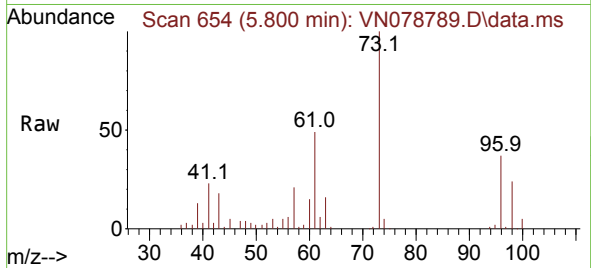




#21  
trans-1,2-Dichloroethene  
Concen: 45.985 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

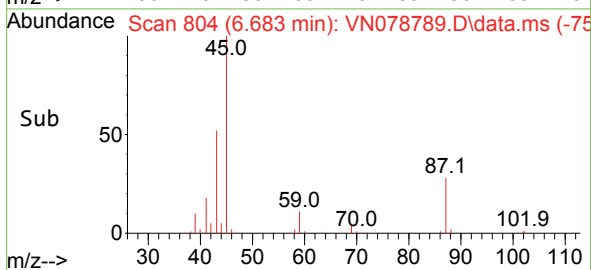
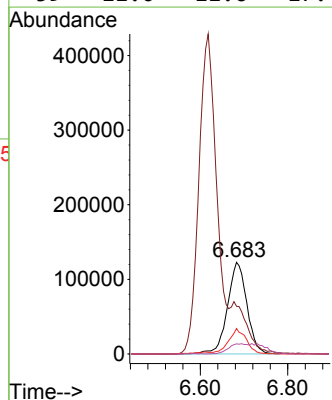
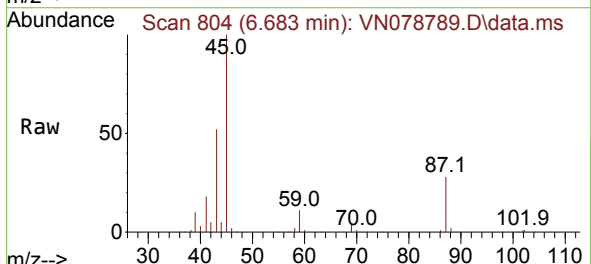
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MSVOA\_N  
ClientSampleId :  
ICVVN080723

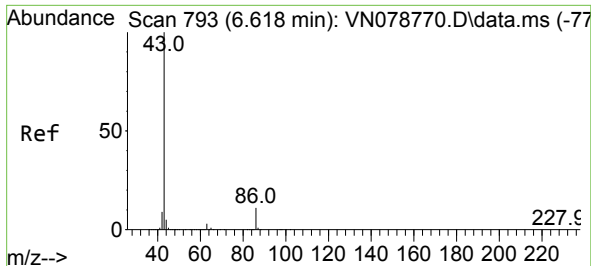
Tgt Ion: 96 Resp: 100242  
Ion Ratio Lower Upper  
96 100  
61 133.5 90.1 135.1  
98 64.1 46.4 69.6



#22  
Diisopropyl ether  
Concen: 48.711 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 45 Resp: 379565  
Ion Ratio Lower Upper  
45 100  
43 51.4 45.5 68.3  
87 27.6 31.8 47.8#  
59 11.0 11.6 17.4#

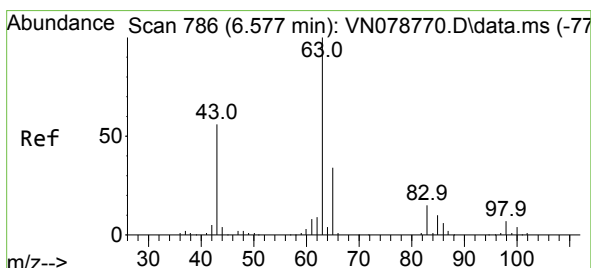
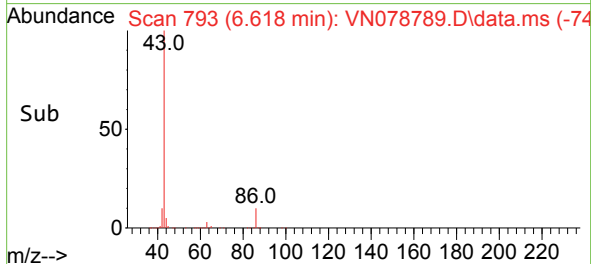
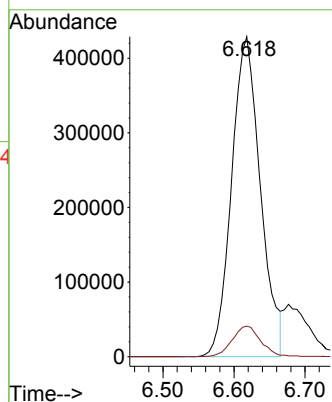
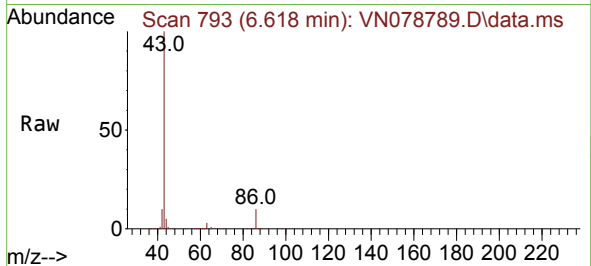




#23  
 Vinyl Acetate  
 Concen: 247.559 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

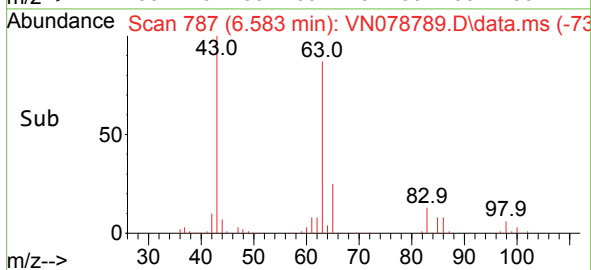
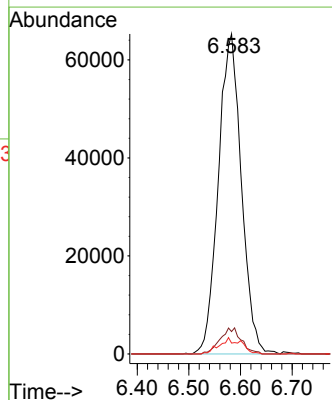
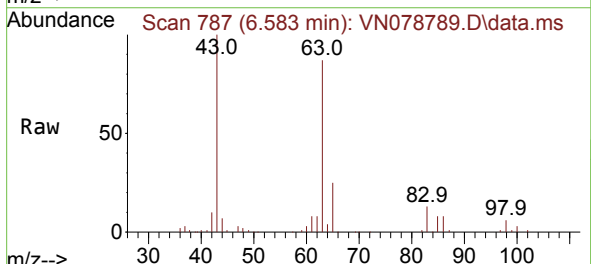
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

Tgt Ion: 43 Resp: 1210545  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 13.0 19.6#

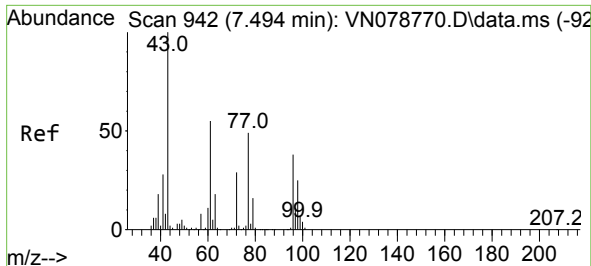


#24  
 1,1-Dichloroethane  
 Concen: 47.637 ug/l  
 RT: 6.583 min Scan# 787  
 Delta R.T. 0.006 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Tgt Ion: 63 Resp: 201852  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.9 11.7  
 100 3.4 2.5 7.4



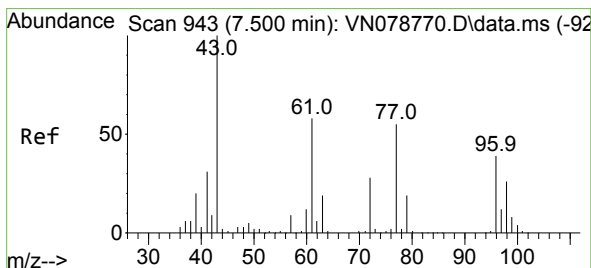
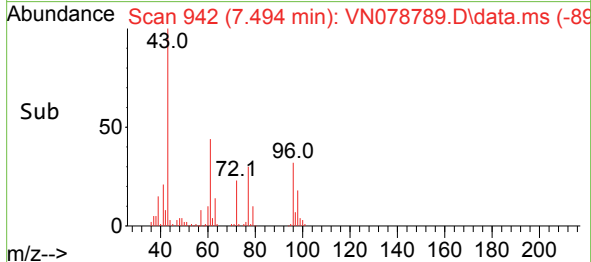
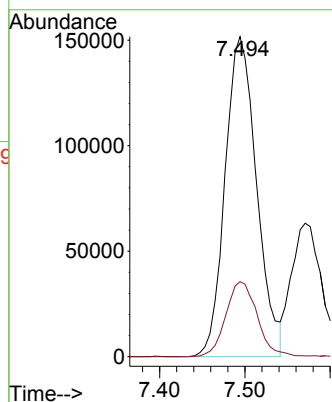
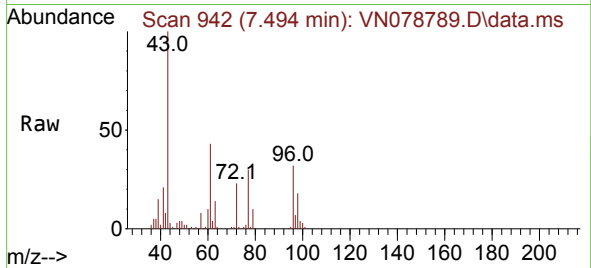




#25  
2-Butanone  
Concen: 240.216 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

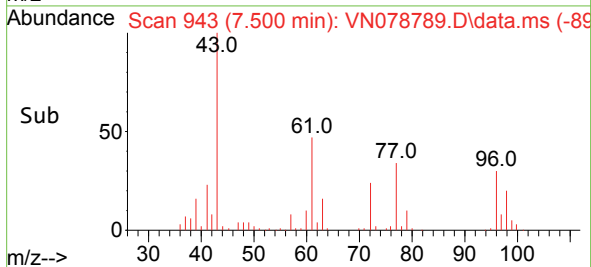
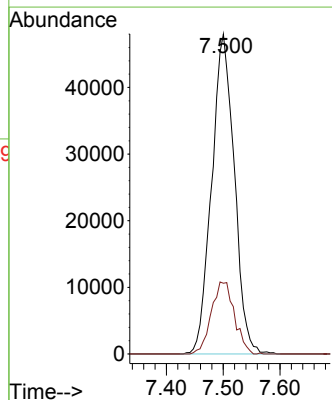
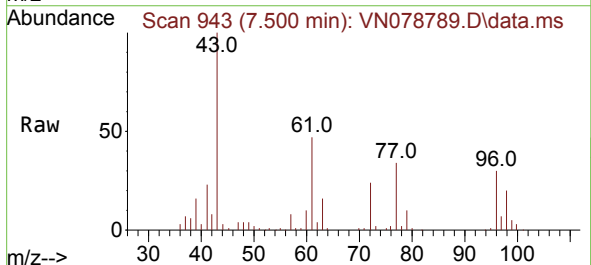
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

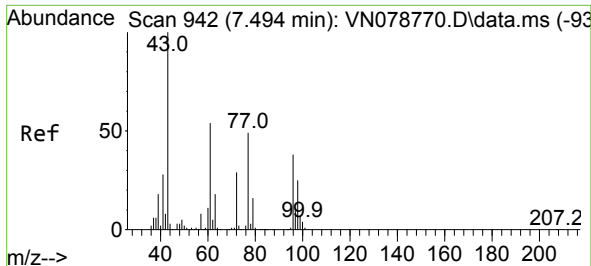
Tgt Ion: 43 Resp: 391084  
Ion Ratio Lower Upper  
43 100  
72 23.4 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 44.956 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 77 Resp: 133027  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.2 33.6

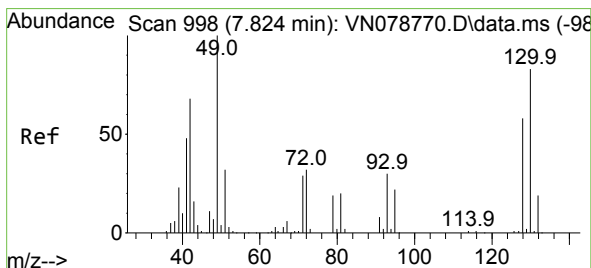
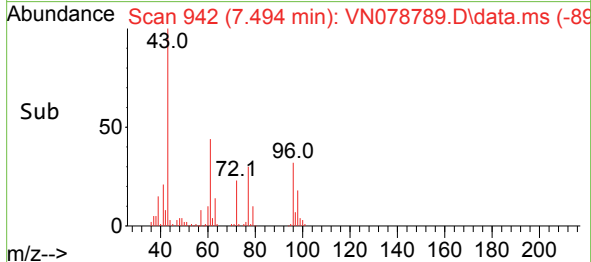
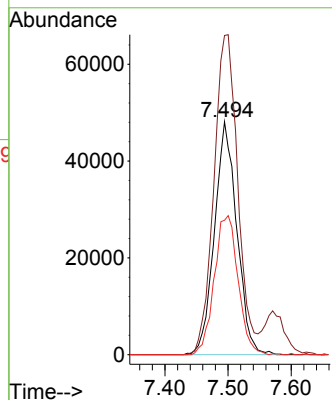
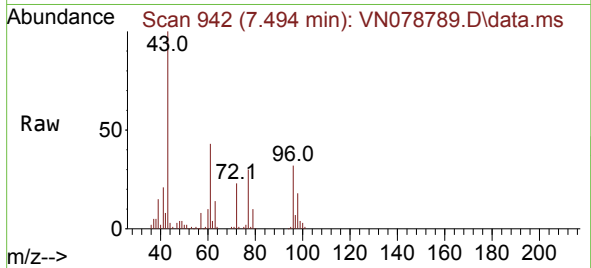




#27  
 cis-1,2-Dichloroethene  
 Concen: 47.458 ug/l  
 RT: 7.494 min Scan# 942  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

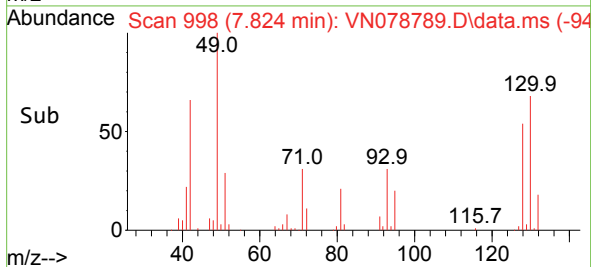
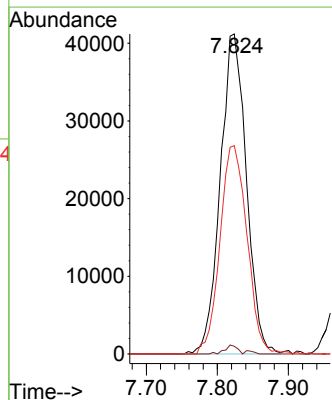
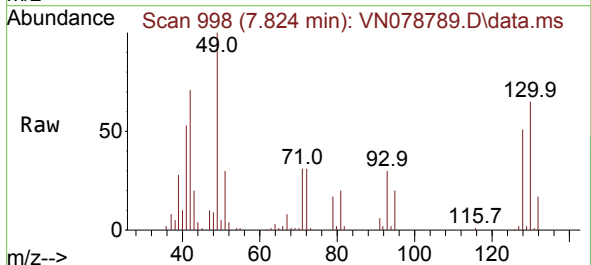
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

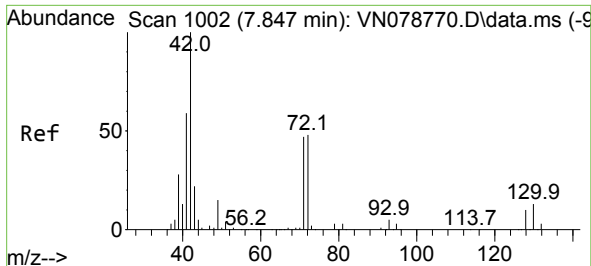
Tgt Ion: 96 Resp: 118775  
 Ion Ratio Lower Upper  
 96 100  
 61 146.5 0.0 255.2  
 98 63.3 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 45.762 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Tgt Ion: 49 Resp: 105071  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 4.8  
 130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 241.711 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080723

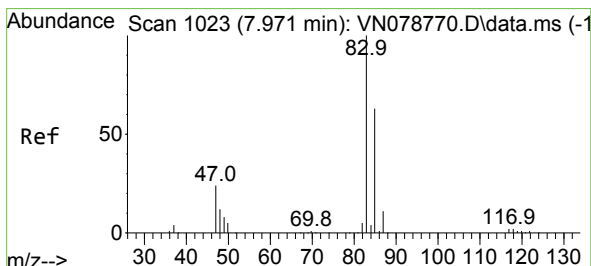
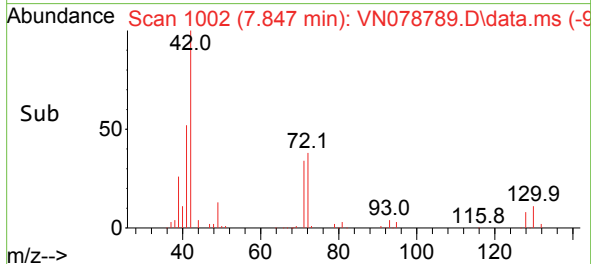
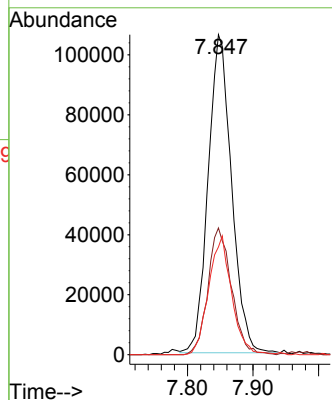
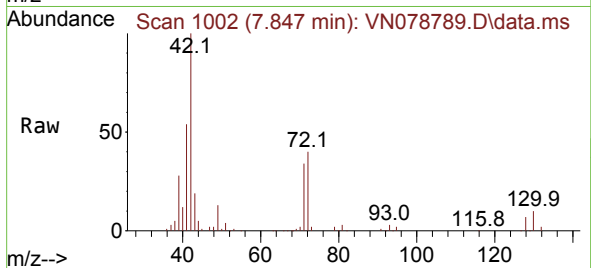
Tgt Ion: 42 Resp: 263336

Ion Ratio Lower Upper

42 100

72 40.0 49.8 74.6#

71 36.6 47.4 71.2#



#30

Chloroform

Concen: 47.417 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078789.D

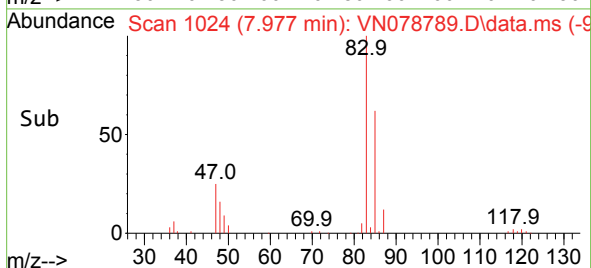
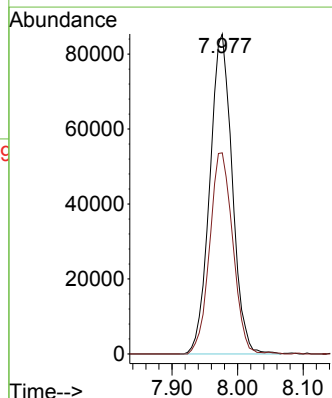
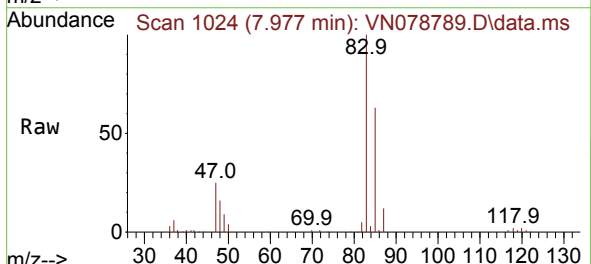
Acq: 07 Aug 2023 21:17

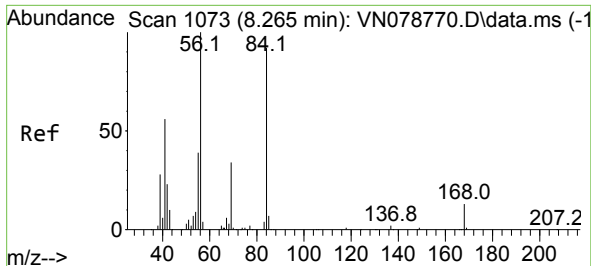
Tgt Ion: 83 Resp: 202348

Ion Ratio Lower Upper

83 100

85 62.9 55.4 83.0

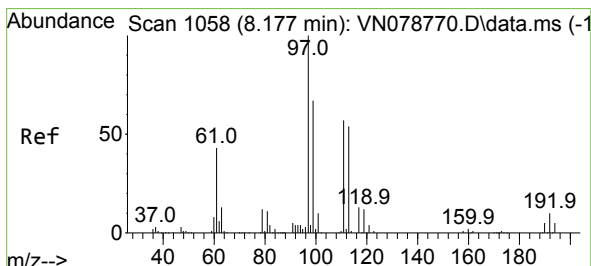
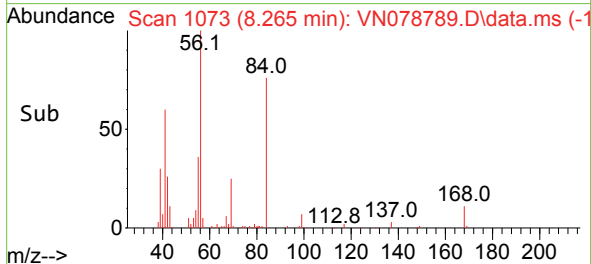
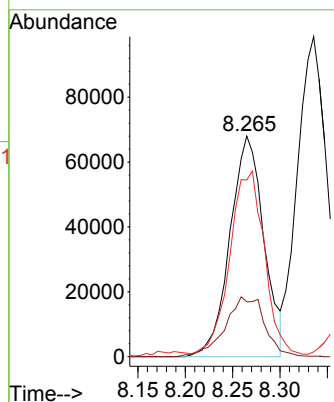
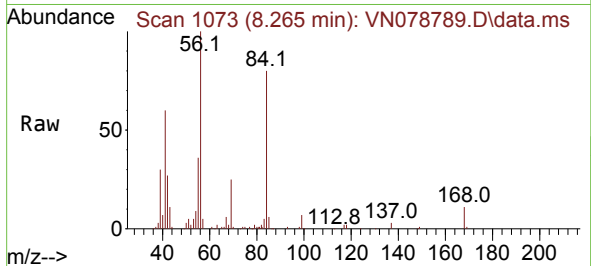




#31  
Cyclohexane  
Concen: 46.068 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

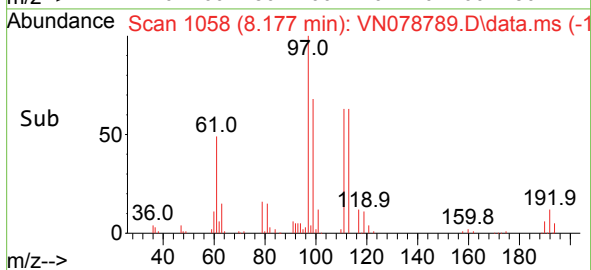
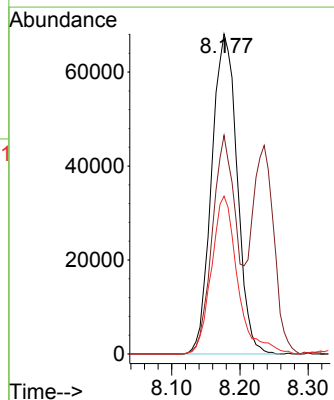
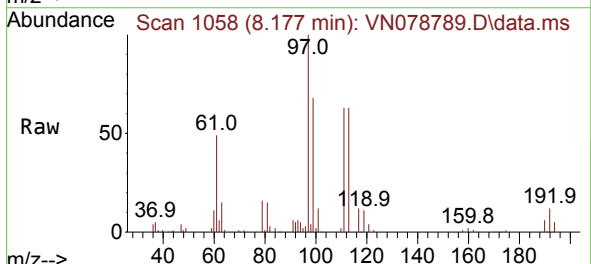
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

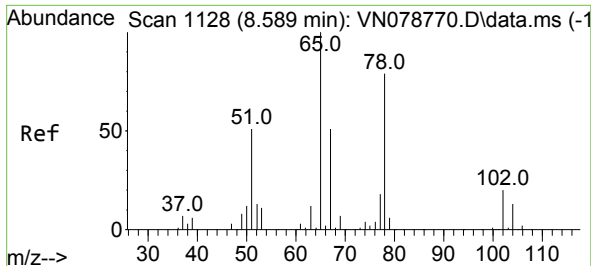
Tgt Ion: 56 Resp: 169137  
Ion Ratio Lower Upper  
56 100  
69 24.6 26.8 40.2#  
84 78.1 81.8 122.6#



#32  
1,1,1-Trichloroethane  
Concen: 48.827 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 97 Resp: 177112  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.3 75.5  
61 50.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.840 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

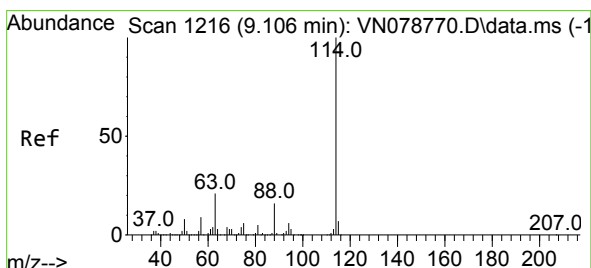
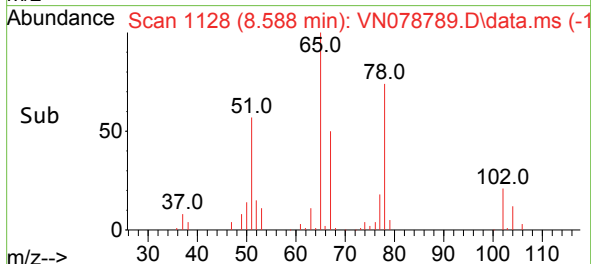
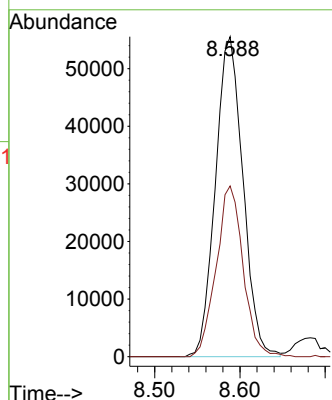
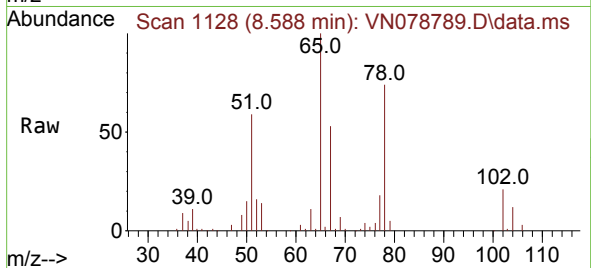
ICVVN080723

Tgt Ion: 65 Resp: 124539

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

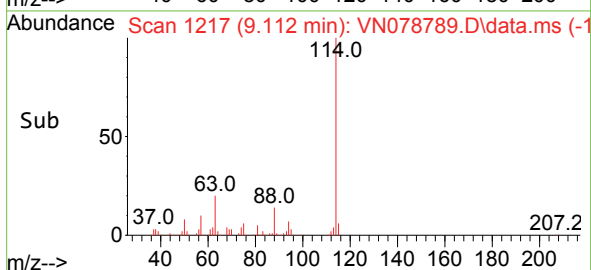
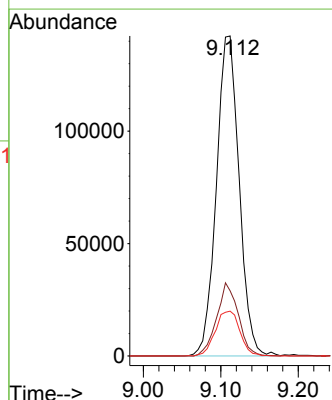
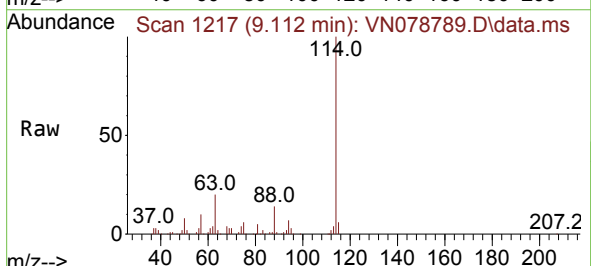
Tgt Ion: 114 Resp: 290736

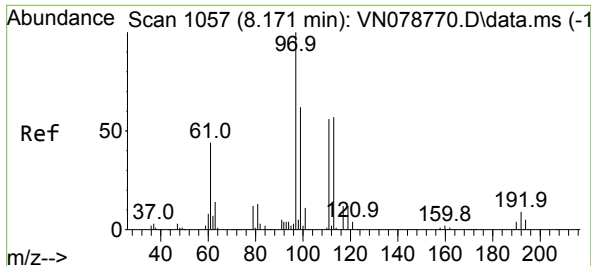
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.173 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080723

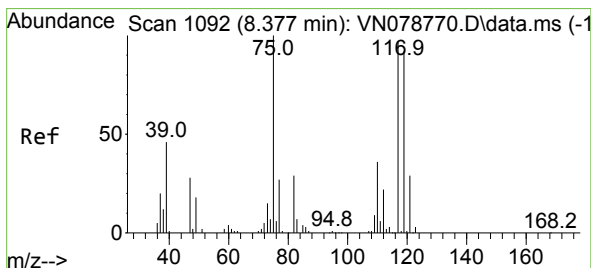
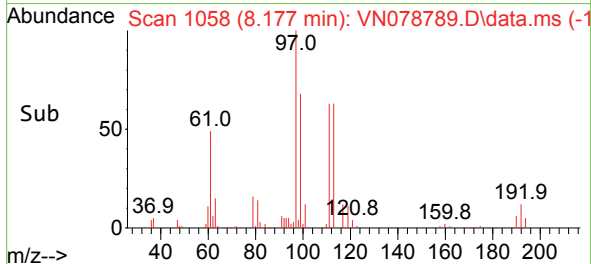
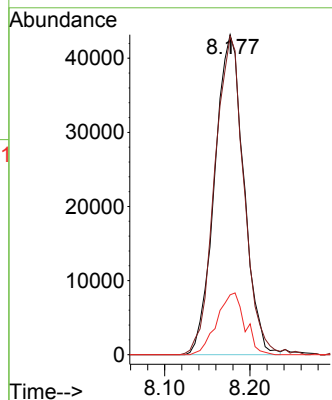
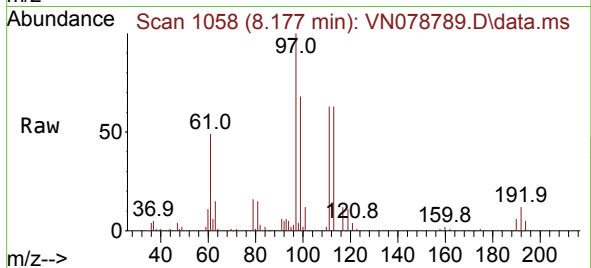
Tgt Ion:113 Resp: 102435

Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 18.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 50.616 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

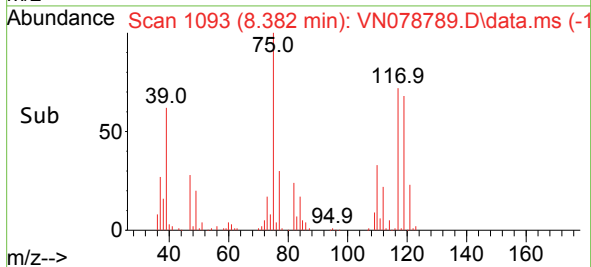
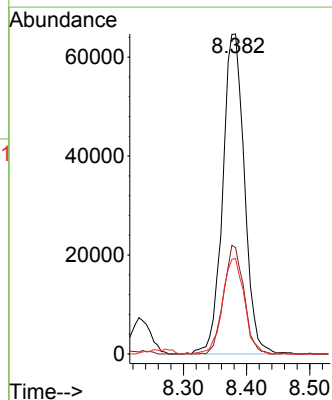
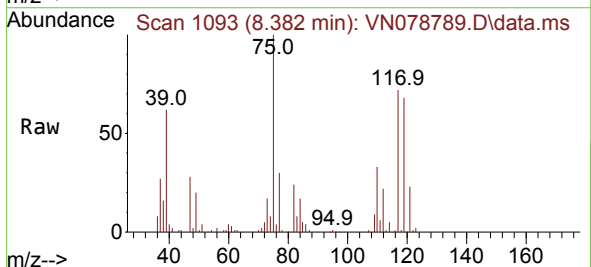
Tgt Ion: 75 Resp: 154176

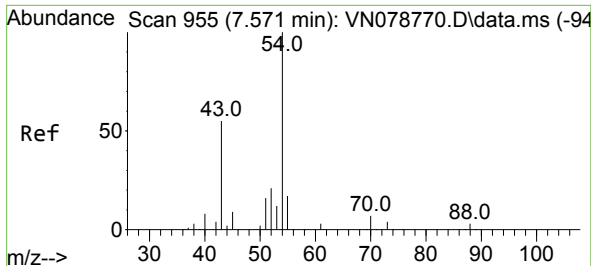
Ion Ratio Lower Upper

75 100

110 31.8 19.1 57.3

77 30.4 25.0 37.4

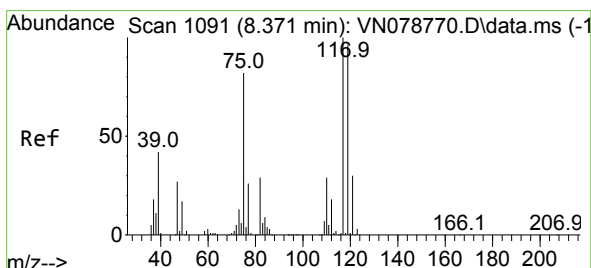
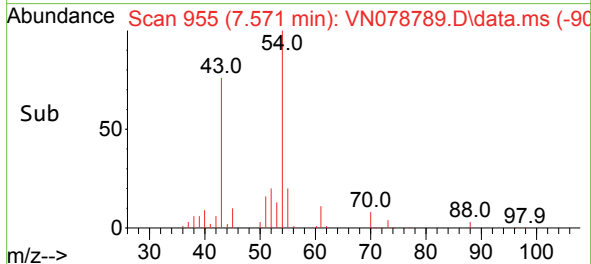
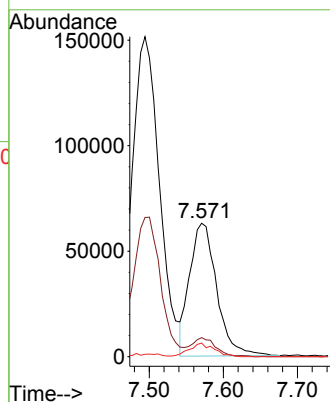
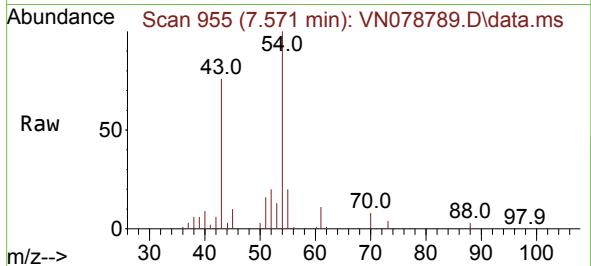




#37  
Ethyl Acetate  
Concen: 49.267 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

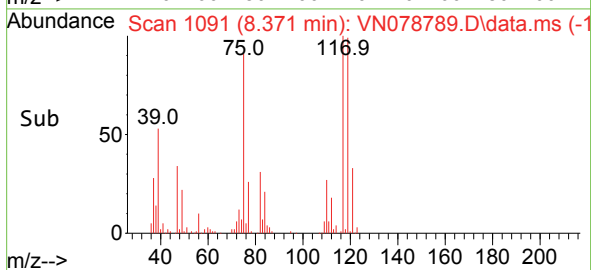
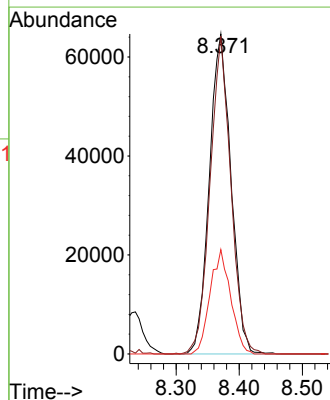
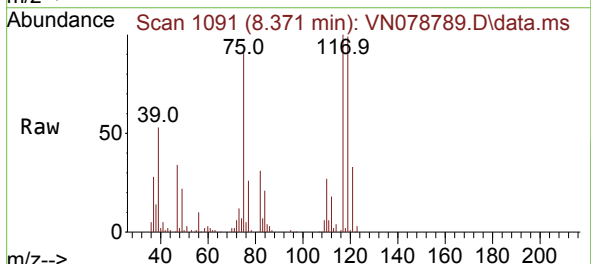
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

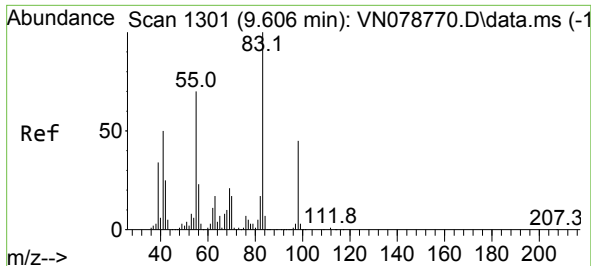
Tgt Ion: 43 Resp: 159557  
Ion Ratio Lower Upper  
43 100  
61 12.8 13.2 19.8#  
70 9.3 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 49.067 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 117 Resp: 154074  
Ion Ratio Lower Upper  
117 100  
119 99.3 77.3 115.9  
121 32.6 23.3 34.9

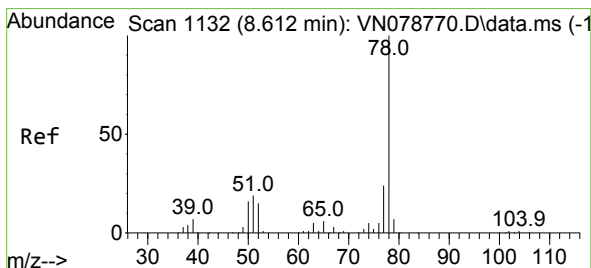
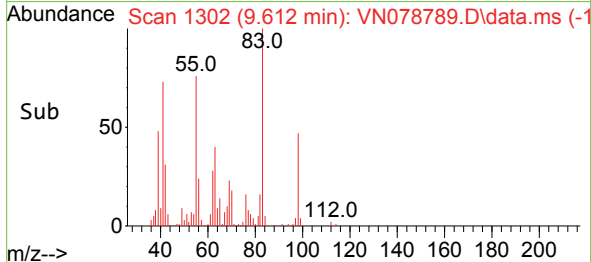
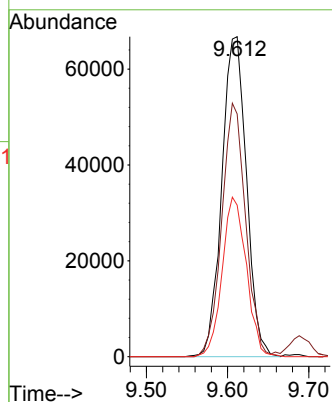
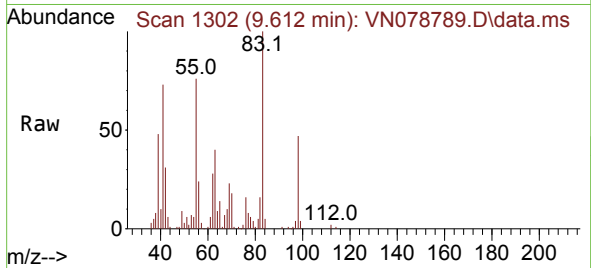




#39  
Methylcyclohexane  
Concen: 49.440 ug/l  
RT: 9.612 min Scan# 1132  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

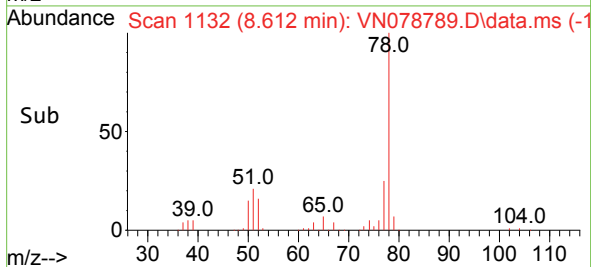
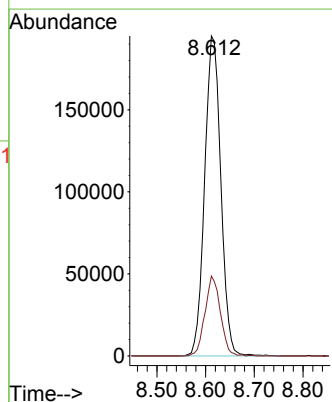
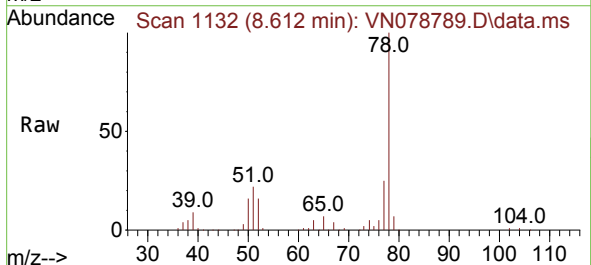
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

Tgt Ion: 83 Resp: 140660  
Ion Ratio Lower Upper  
83 100  
55 75.8 49.1 73.7#  
98 47.4 40.6 61.0

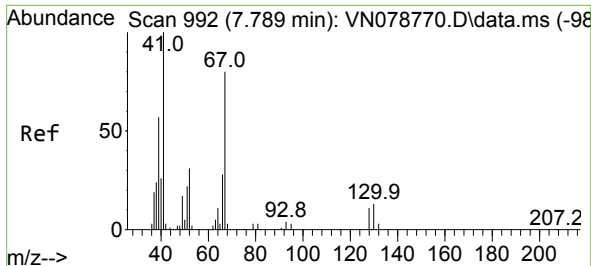


#40  
Benzene  
Concen: 48.743 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 78 Resp: 449071  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.0 28.6



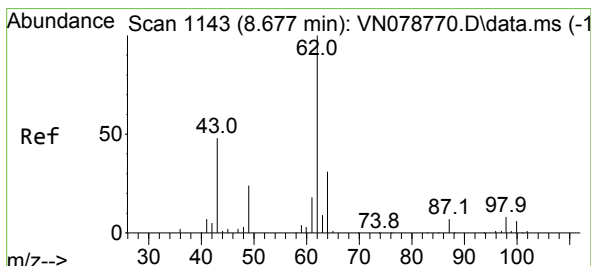
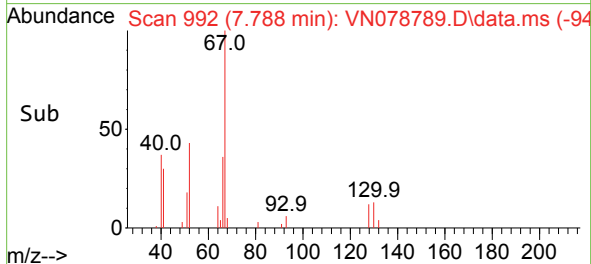
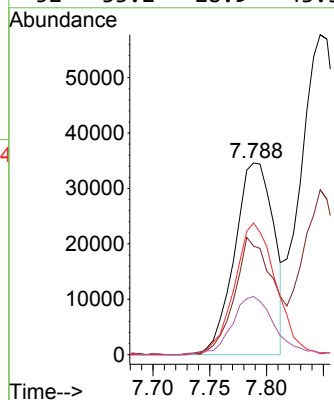
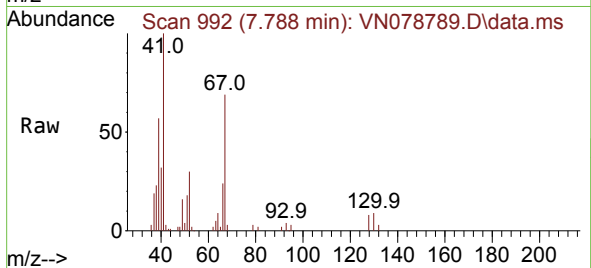




#41  
Methacrylonitrile  
Concen: 46.181 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

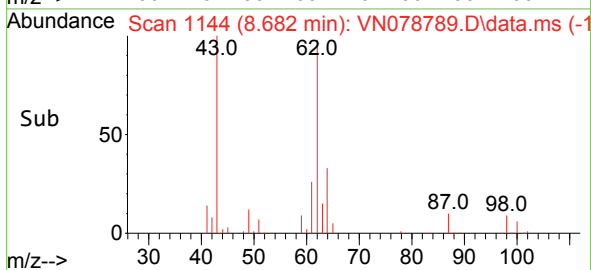
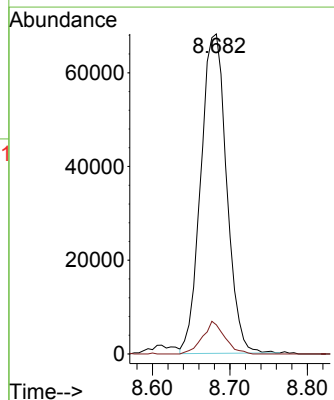
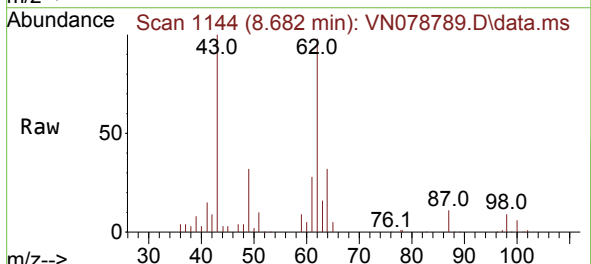
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

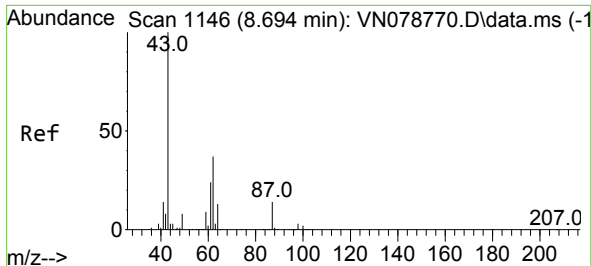
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 83159 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 61.8  | 42.6  | 64.0  |
| 67        | 72.2  | 77.5  | 116.3 |
| 52        | 33.2  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 47.507 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 157318 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 8.8   | 0.0   | 19.8   |

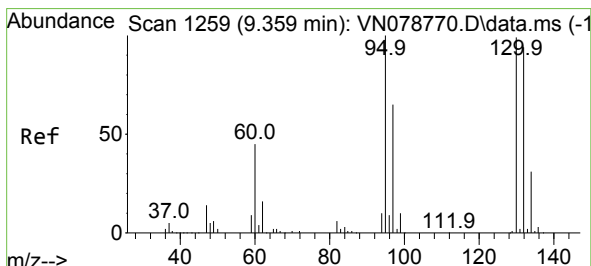
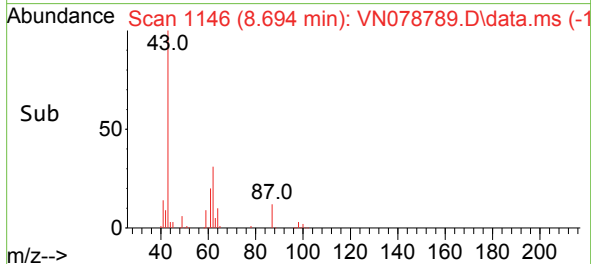
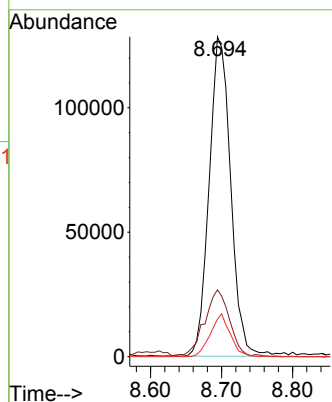
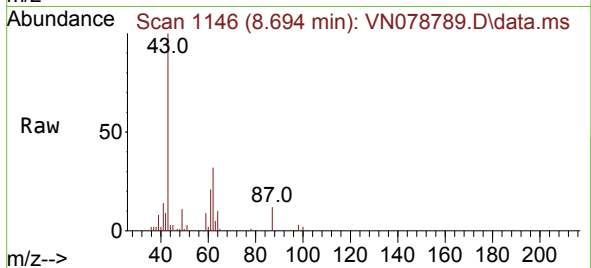




#43  
Isopropyl Acetate  
Concen: 49.604 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

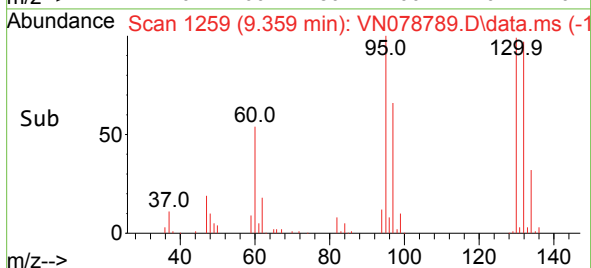
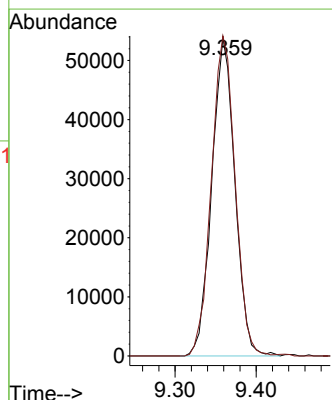
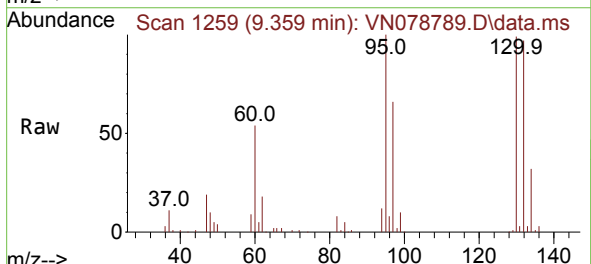
Instrument : MSVOA\_N  
ClientSampleId : ICVVN080723

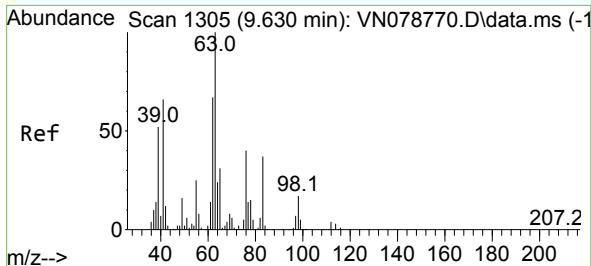
Tgt Ion: 43 Resp: 270850  
Ion Ratio Lower Upper  
43 100  
61 24.5 24.7 37.1#  
87 12.3 14.6 21.8#



#44  
Trichloroethene  
Concen: 47.241 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:130 Resp: 106593  
Ion Ratio Lower Upper  
130 100  
95 100.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.415 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

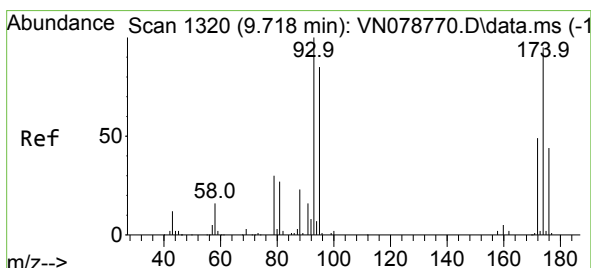
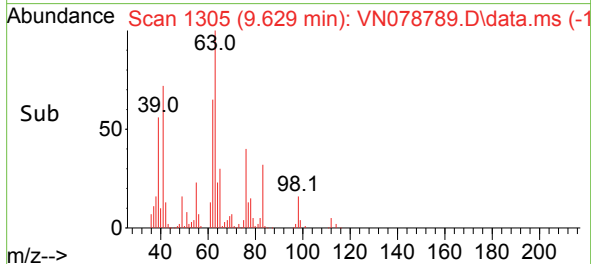
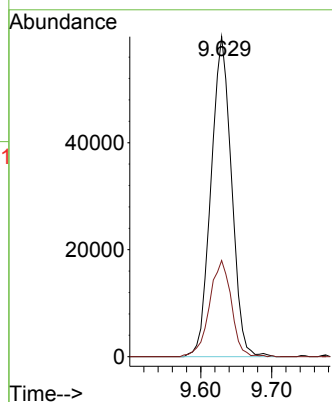
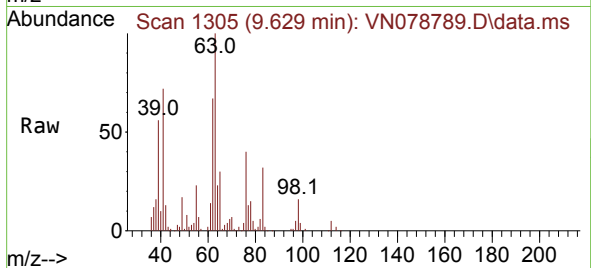
ICVVN080723

Tgt Ion: 63 Resp: 119576

Ion Ratio Lower Upper

63 100

65 30.1 23.9 35.9



#46

Dibromomethane

Concen: 50.049 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

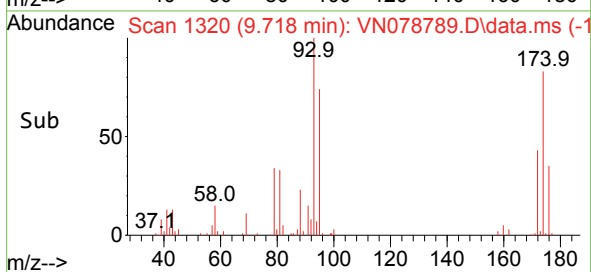
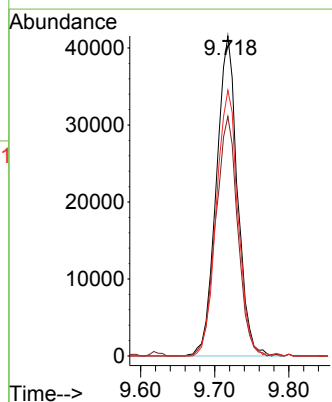
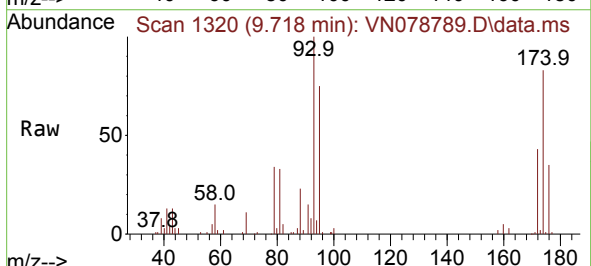
Tgt Ion: 93 Resp: 82269

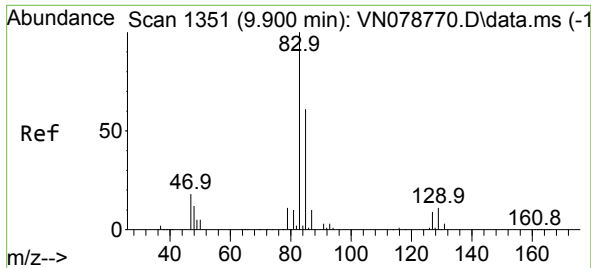
Ion Ratio Lower Upper

93 100

95 77.9 63.8 95.8

174 85.0 65.6 98.4

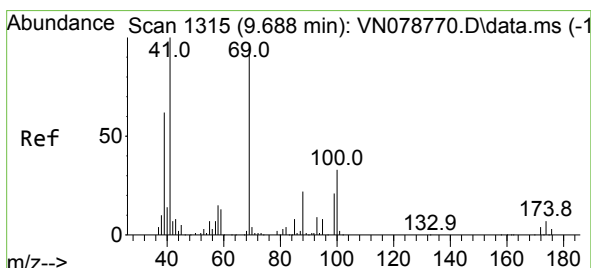
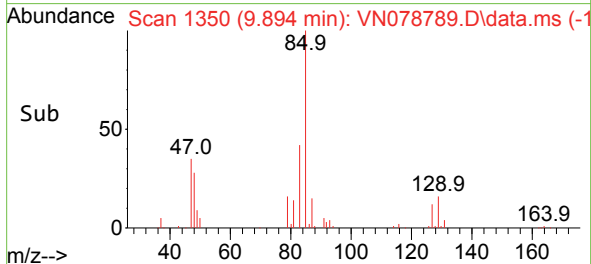
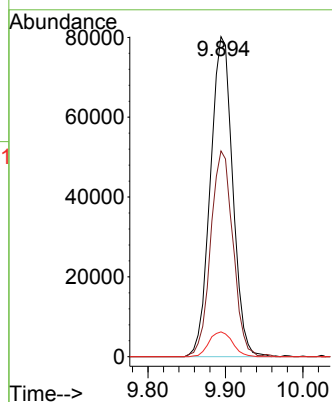
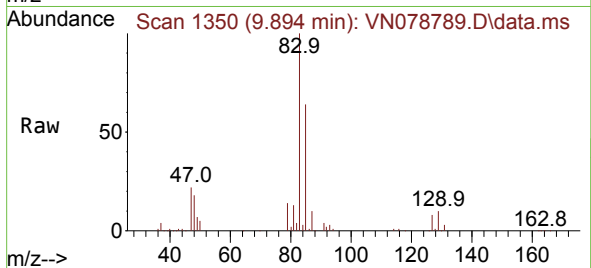




#47  
Bromodichloromethane  
Concen: 48.940 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. -0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

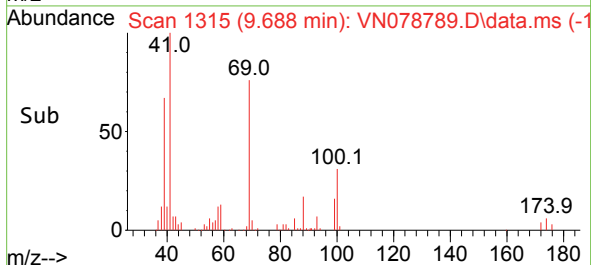
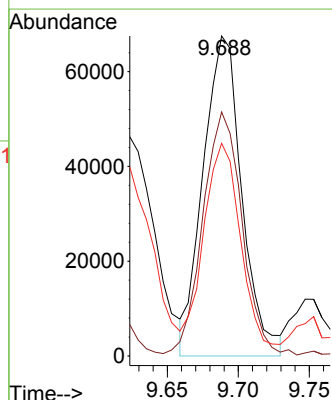
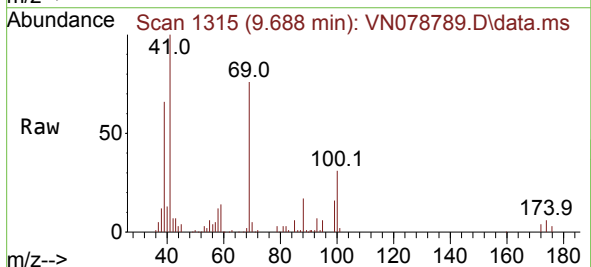
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

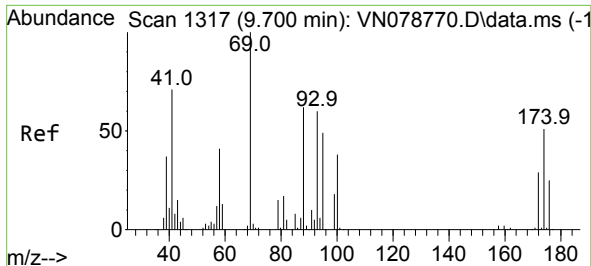
Tgt Ion: 83 Resp: 160121  
Ion Ratio Lower Upper  
83 100  
85 64.3 49.6 74.4  
127 7.8 7.0 10.6



#48  
Methyl methacrylate  
Concen: 50.724 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 41 Resp: 127971  
Ion Ratio Lower Upper  
41 100  
69 76.9 90.4 135.6#  
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1038.907 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080723

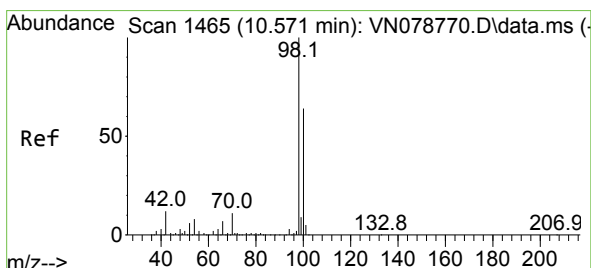
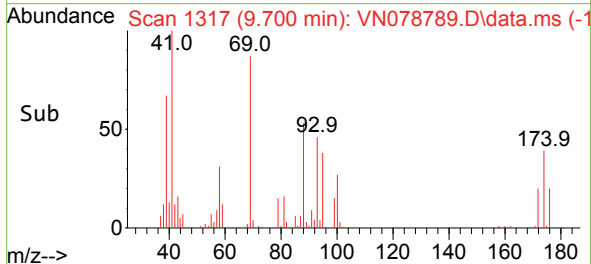
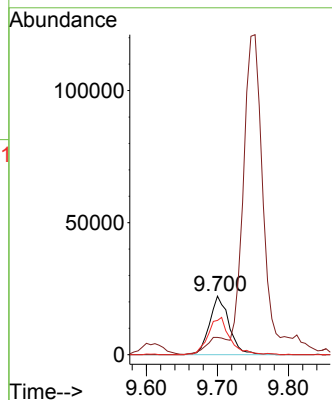
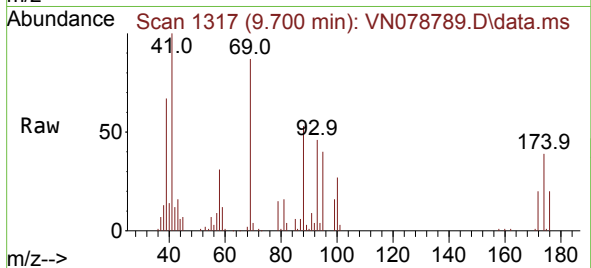
Tgt Ion: 88 Resp: 42562

Ion Ratio Lower Upper

88 100

43 29.0 17.0 25.6#

58 69.5 47.0 70.4



#50

Toluene-d8

Concen: 53.615 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078789.D

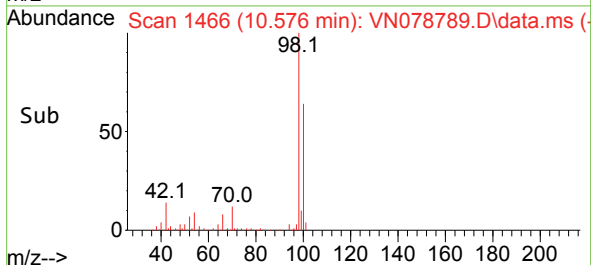
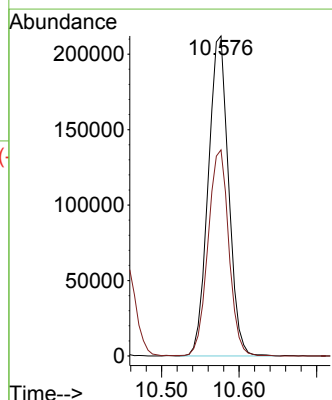
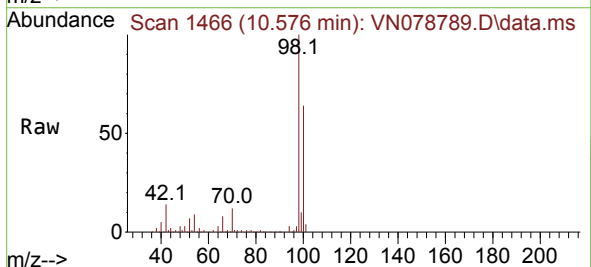
Acq: 07 Aug 2023 21:17

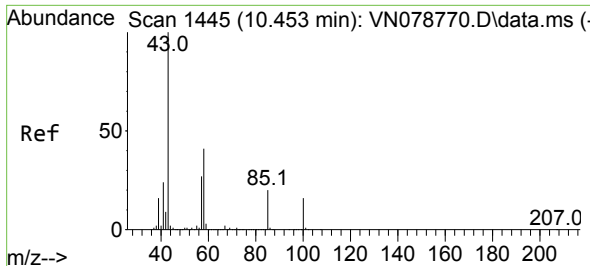
Tgt Ion: 98 Resp: 387381

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

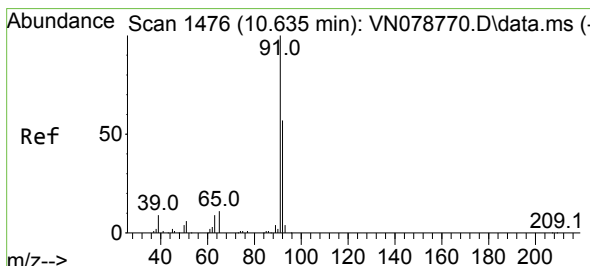
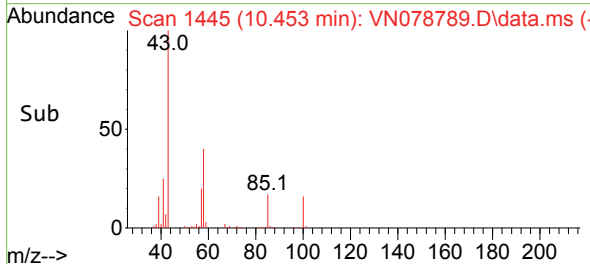
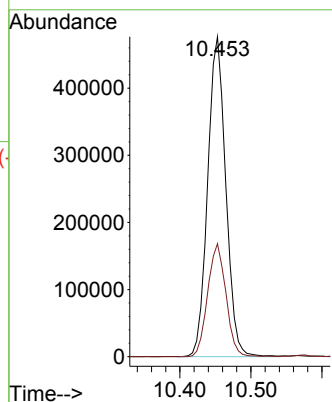
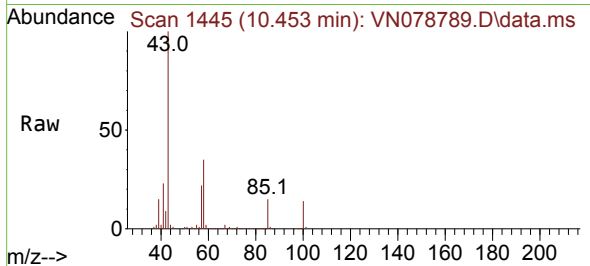




#51  
4-Methyl-2-Pentanone  
Concen: 252.804 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

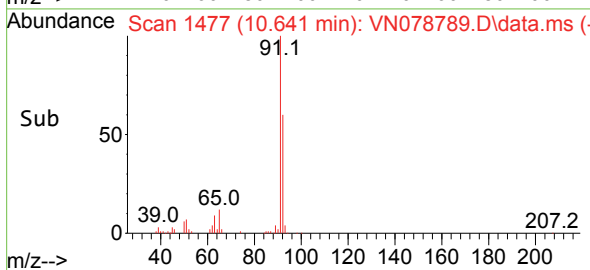
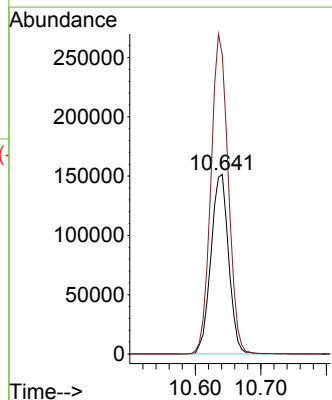
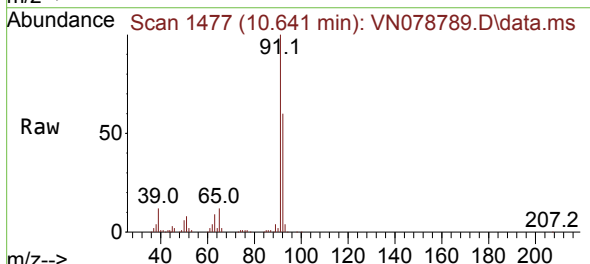
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

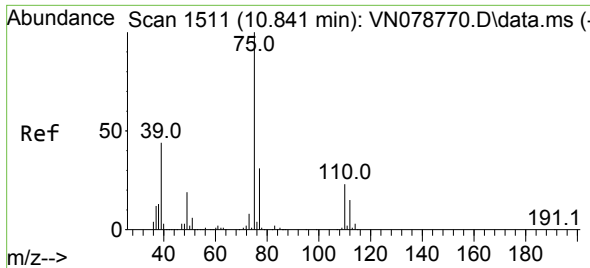
Tgt Ion: 43 Resp: 845499  
Ion Ratio Lower Upper  
43 100  
58 35.6 36.6 54.8#



#52  
Toluene  
Concen: 50.506 ug/l  
RT: 10.641 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 92 Resp: 284174  
Ion Ratio Lower Upper  
92 100  
91 174.3 137.4 206.0

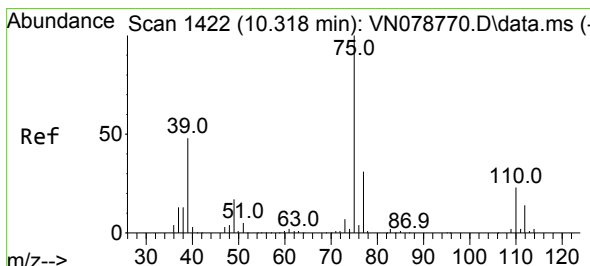
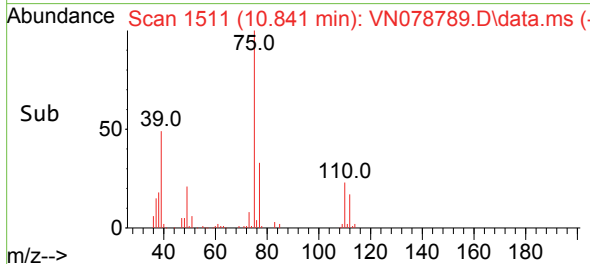
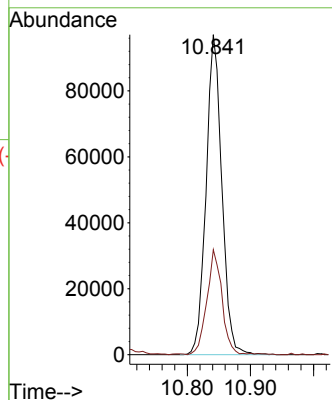
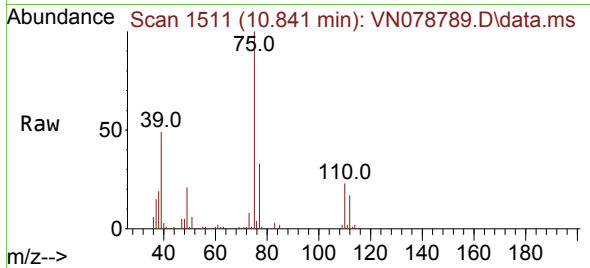




#53  
 t-1,3-Dichloropropene  
 Concen: 50.194 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

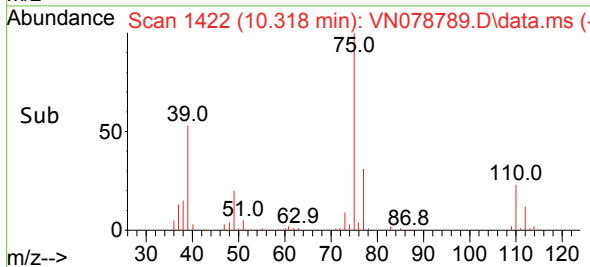
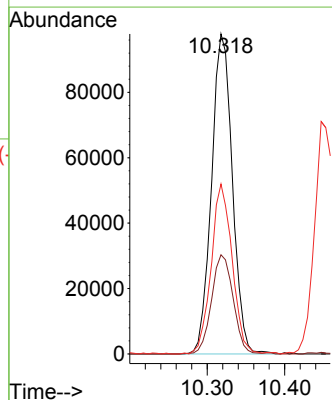
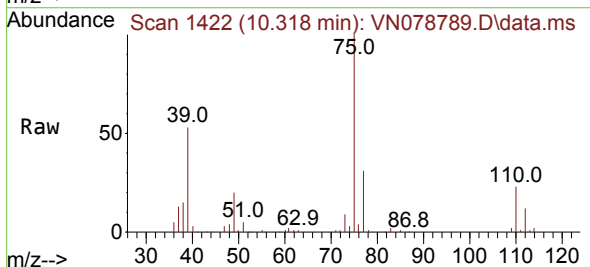
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

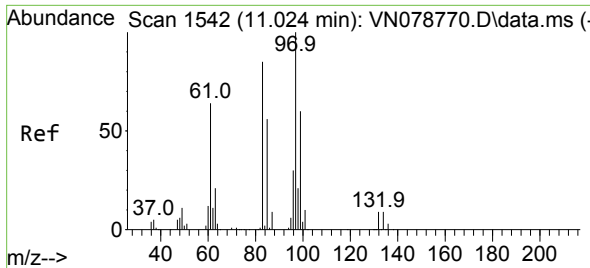
Tgt Ion: 75 Resp: 167796  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.408 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Tgt Ion: 75 Resp: 183079  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 26.1 39.1  
 39 53.1 31.6 47.4#

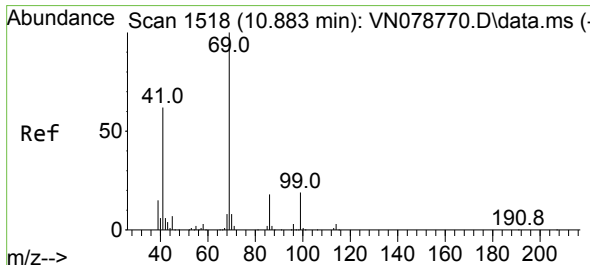
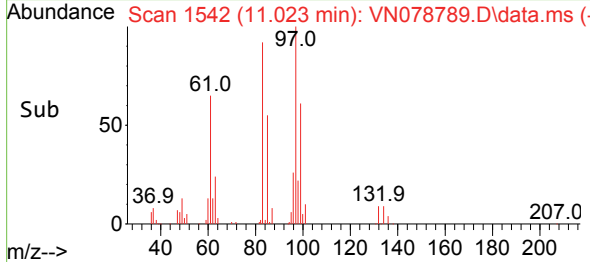
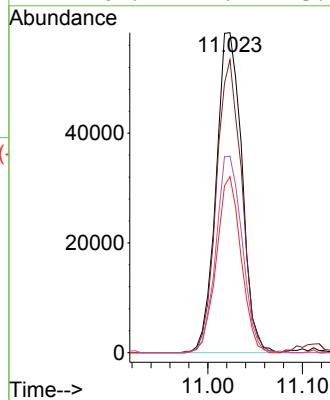
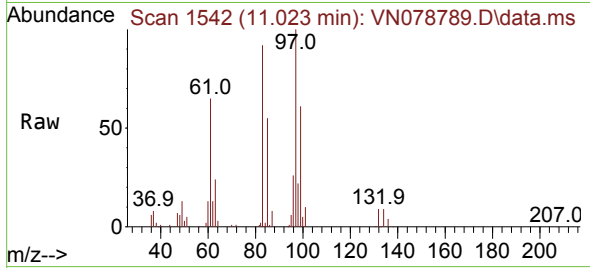




#55  
1,1,2-Trichloroethane  
Concen: 49.333 ug/l  
RT: 11.023 min Scan# 110336  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

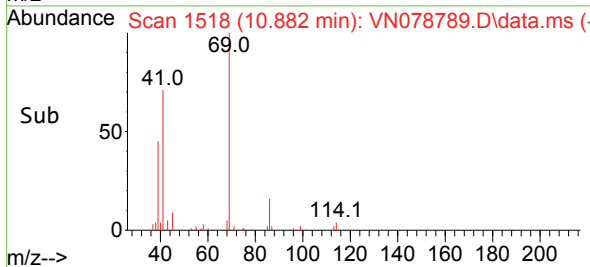
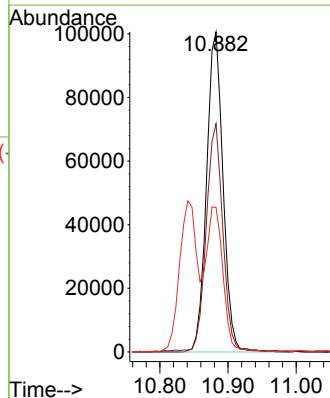
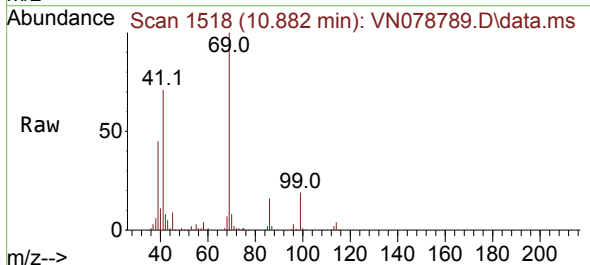
Instrument : MSVOA\_N  
ClientSampleId : ICVVN080723

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 110336 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 91.6  | 65.1  | 97.7   |
| 85       | 55.0  | 43.4  | 65.2   |
| 99       | 61.4  | 49.2  | 73.8   |

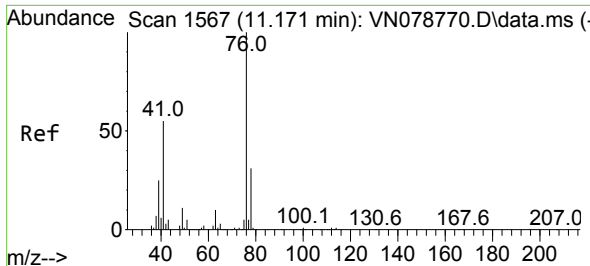


#56  
Ethyl methacrylate  
Concen: 52.206 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 169317 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.5  | 39.6  | 59.4#  |
| 39       | 46.6  | 28.6  | 43.0#  |



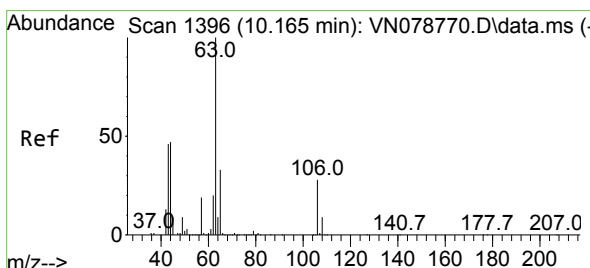
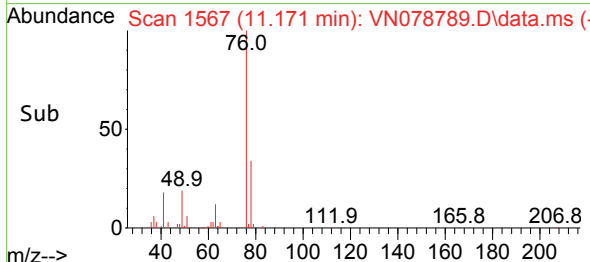
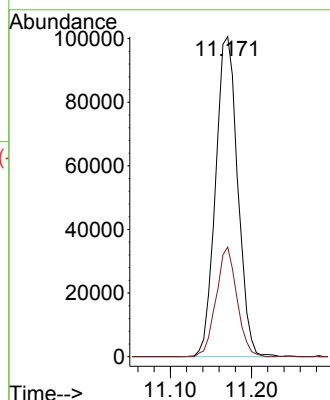
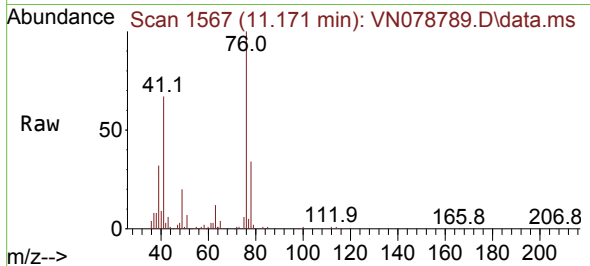




#57  
1,3-Dichloropropane  
Concen: 49.050 ug/l  
RT: 11.171 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

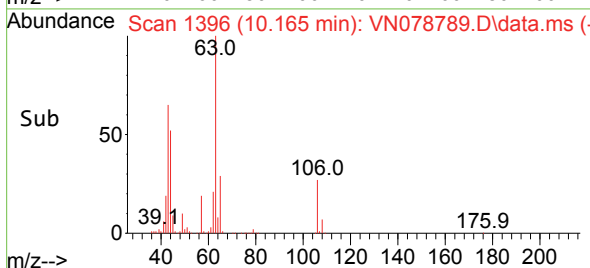
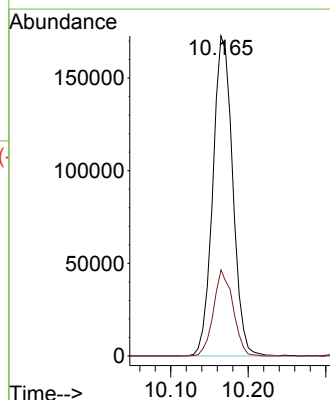
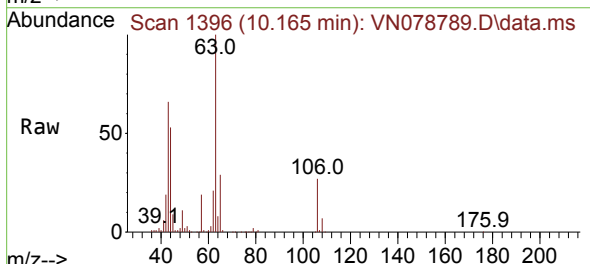
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

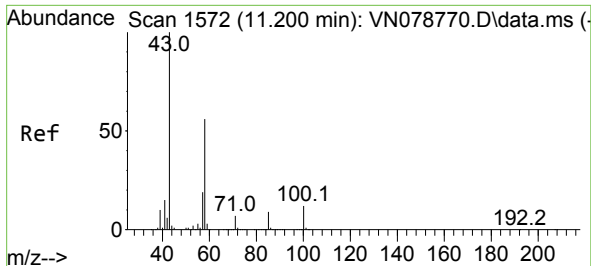
Tgt Ion: 76 Resp: 190727  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 264.113 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 63 Resp: 307519  
Ion Ratio Lower Upper  
63 100  
106 26.4 26.2 39.4

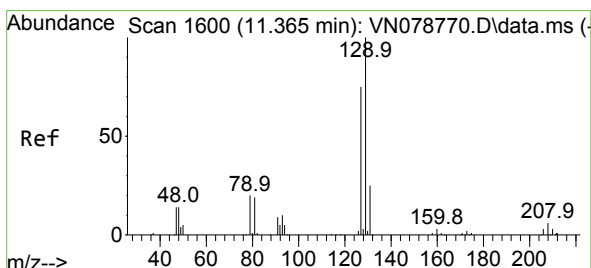
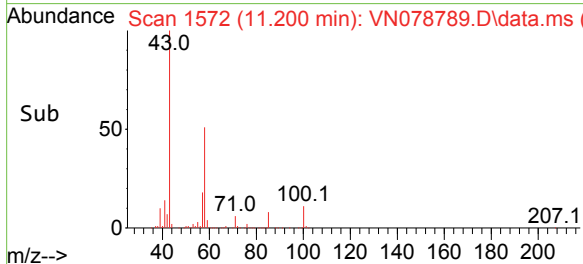
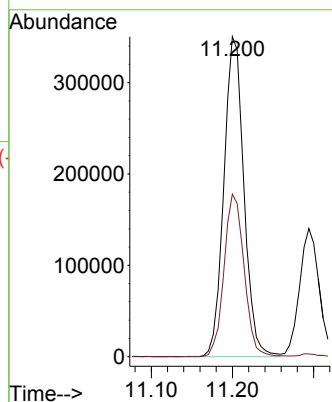
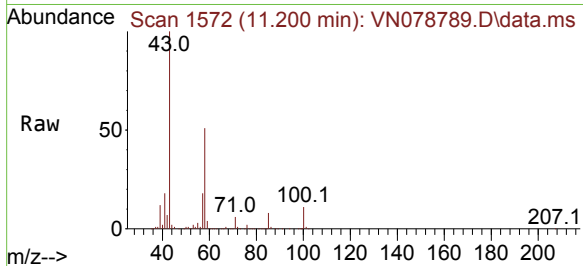




#59  
2-Hexanone  
Concen: 253.960 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

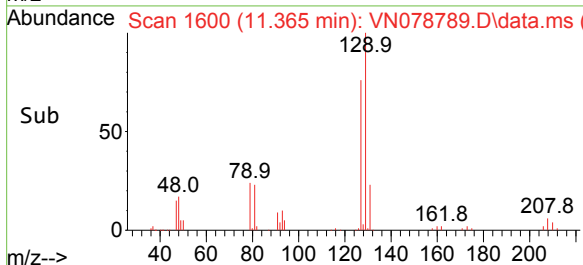
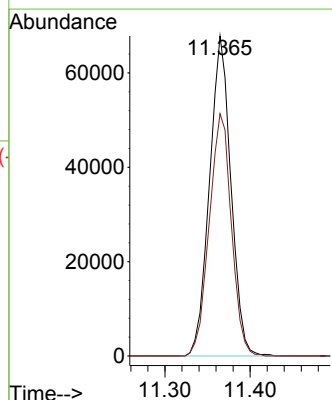
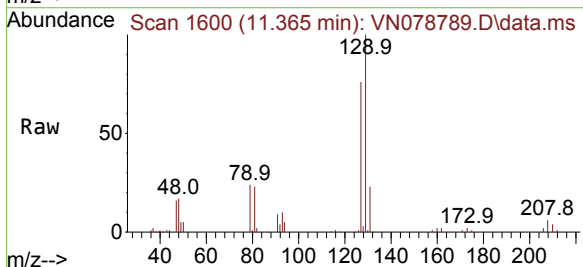
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

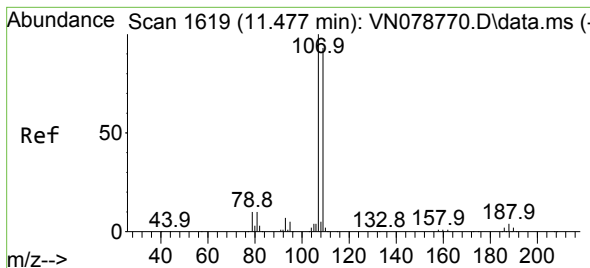
Tgt Ion: 43 Resp: 601422  
Ion Ratio Lower Upper  
43 100  
58 50.9 31.7 95.1



#60  
Dibromochloromethane  
Concen: 50.554 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 129 Resp: 118668  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 116.0

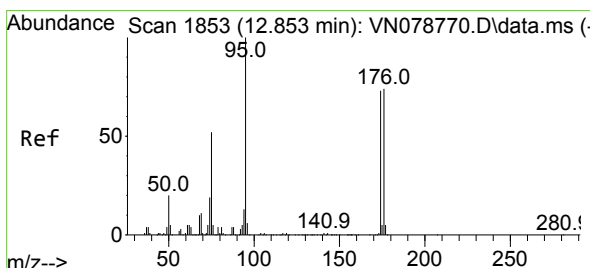
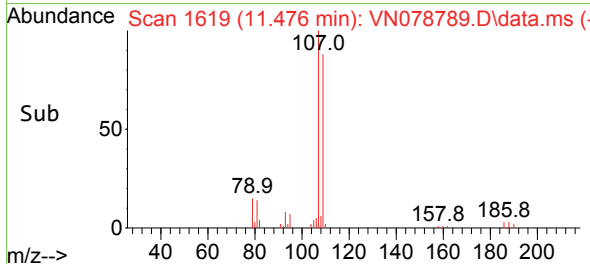
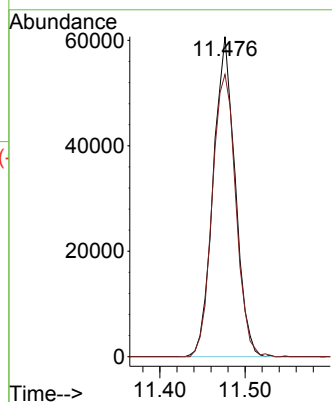
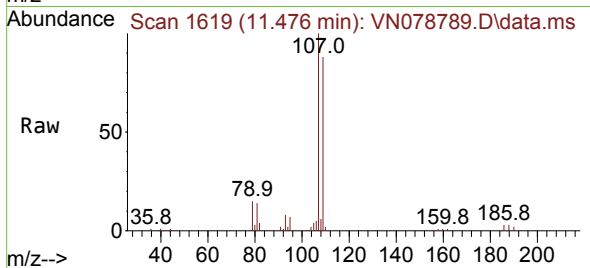




#61  
1,2-Dibromoethane  
Concen: 48.887 ug/l  
RT: 11.476 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

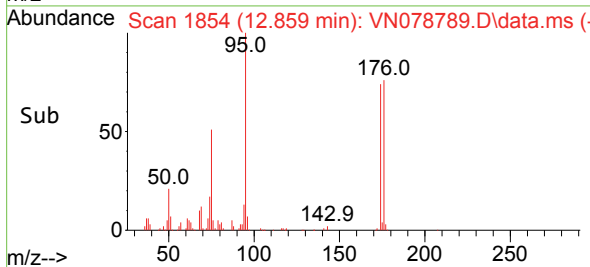
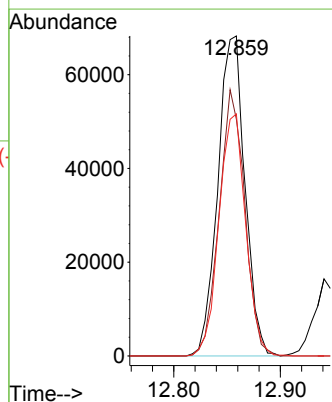
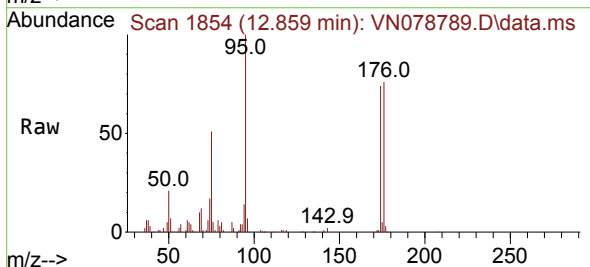
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

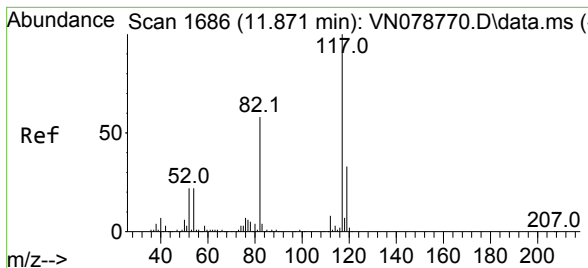
Tgt Ion:107 Resp: 108295  
Ion Ratio Lower Upper  
107 100  
109 95.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 55.847 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 95 Resp: 120592  
Ion Ratio Lower Upper  
95 100  
174 78.5 0.0 143.8  
176 74.7 0.0 135.8

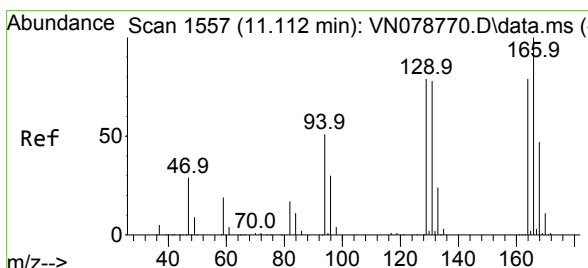
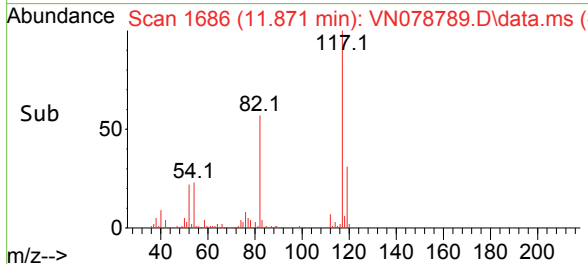
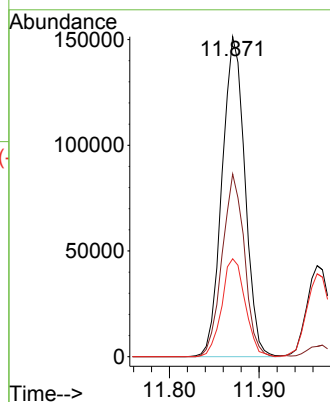
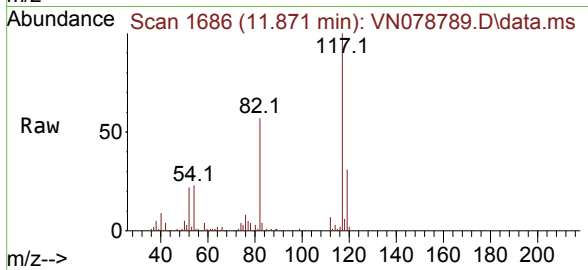




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

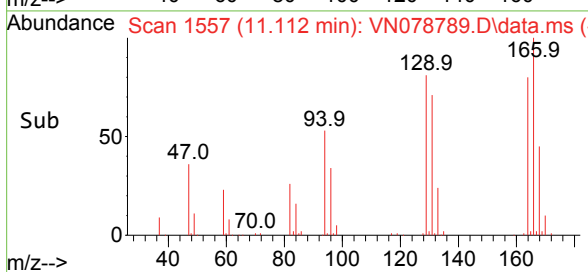
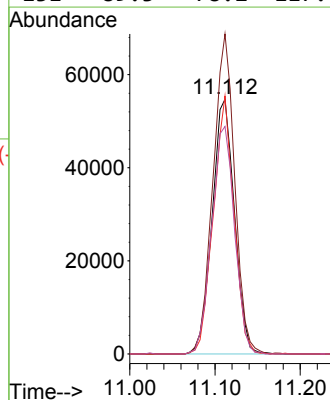
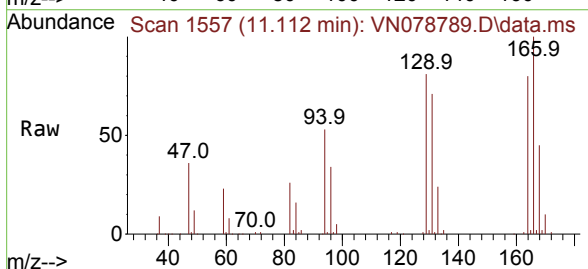
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

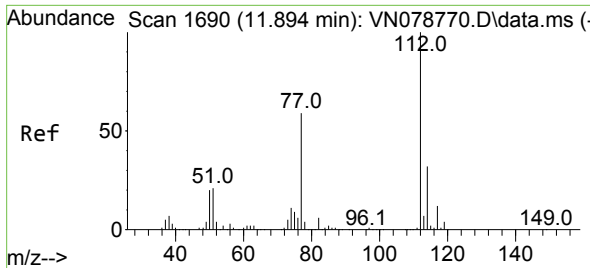
Tgt Ion:117 Resp: 267697  
Ion Ratio Lower Upper  
117 100  
82 57.1 44.0 66.0  
119 30.6 25.6 38.4



#64  
Tetrachloroethene  
Concen: 48.246 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:164 Resp: 99513  
Ion Ratio Lower Upper  
164 100  
166 125.6 101.4 152.0  
129 101.3 82.4 123.6  
131 89.3 78.2 117.4

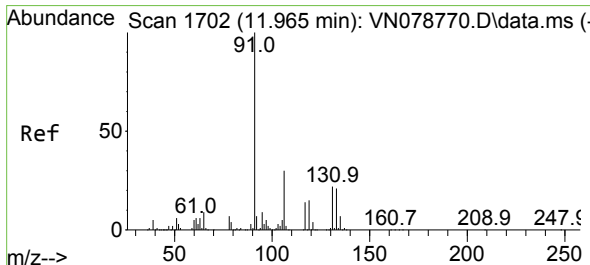
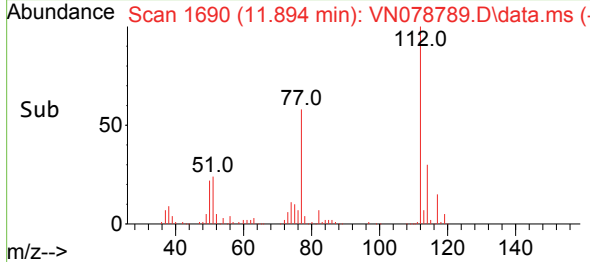
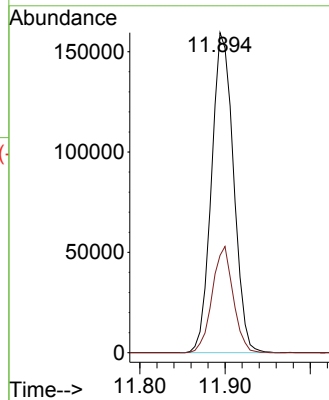
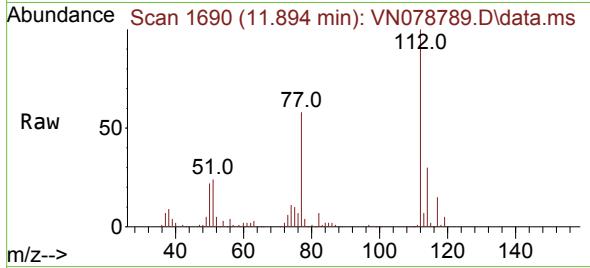




#65  
Chlorobenzene  
Concen: 46.891 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

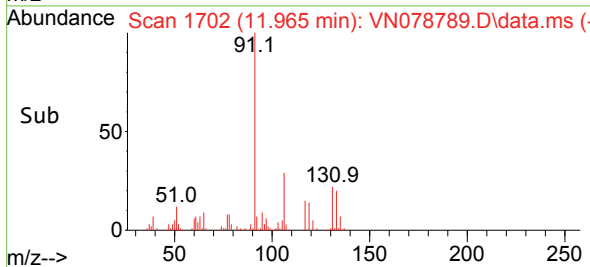
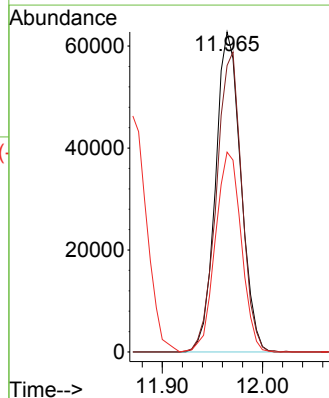
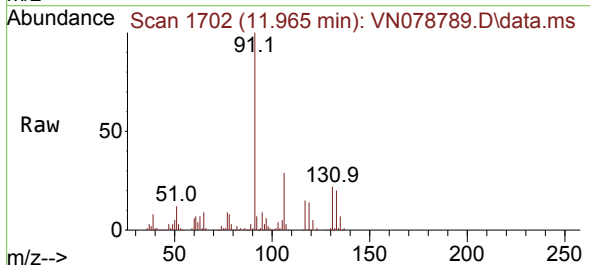
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

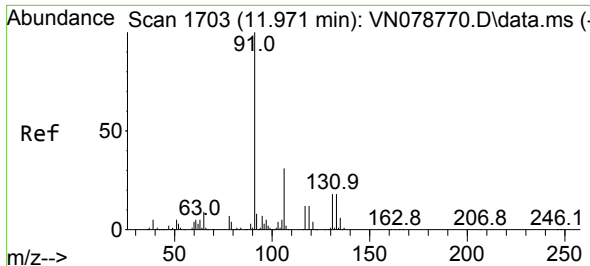
Tgt Ion:112 Resp: 285864  
Ion Ratio Lower Upper  
112 100  
114 30.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.565 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:131 Resp: 109949  
Ion Ratio Lower Upper  
131 100  
133 94.0 46.4 139.1  
119 64.2 34.1 102.2

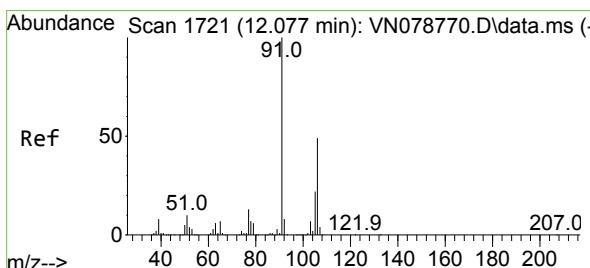
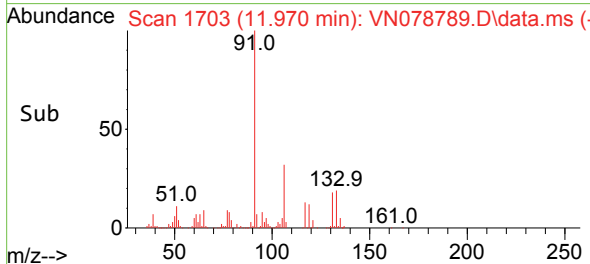
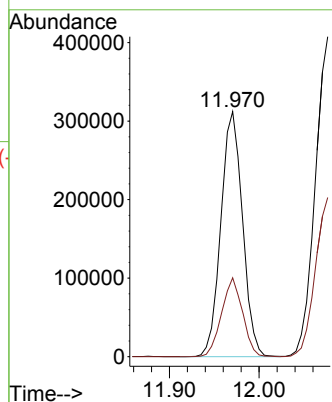
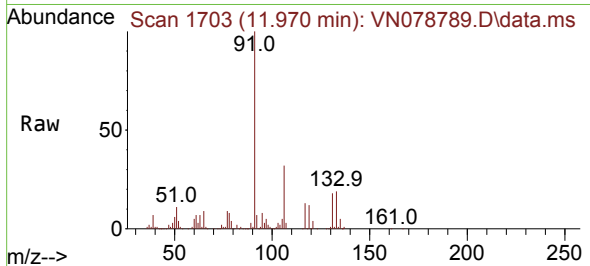




#67  
Ethyl Benzene  
Concen: 48.100 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

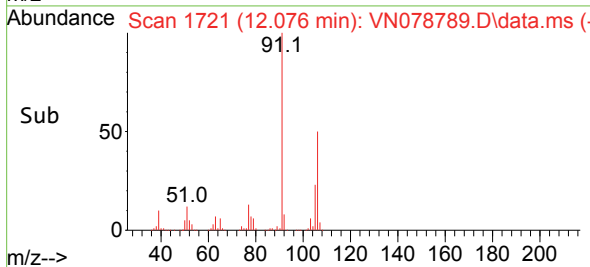
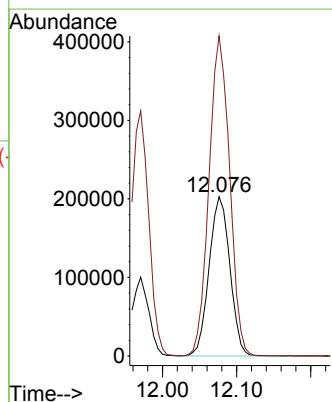
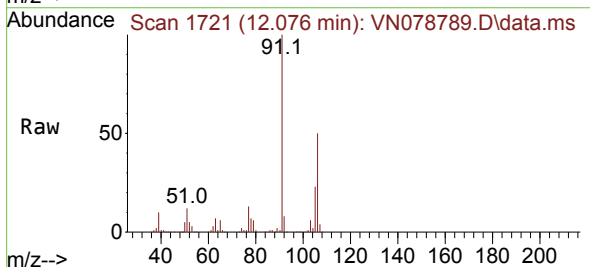
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

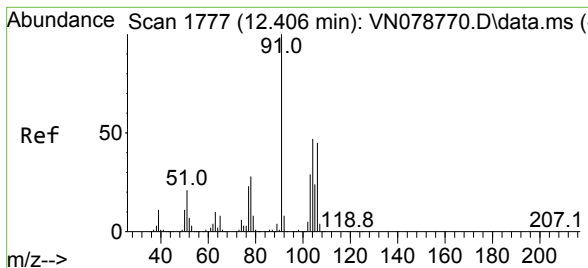
Tgt Ion: 91 Resp: 522312  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.6 38.4



#68  
m/p-Xylenes  
Concen: 98.503 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. -0.001 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:106 Resp: 394620  
Ion Ratio Lower Upper  
106 100  
91 199.5 159.6 239.4

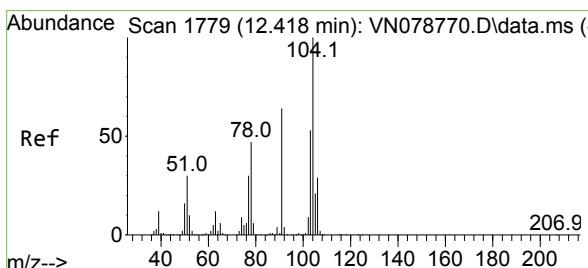
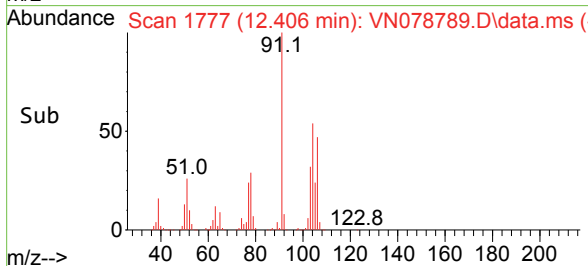
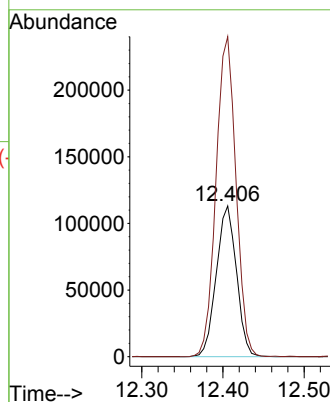
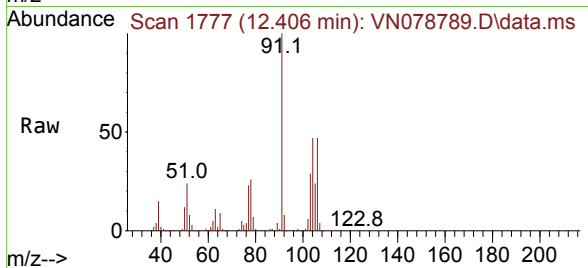




#69  
o-Xylene  
Concen: 49.657 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

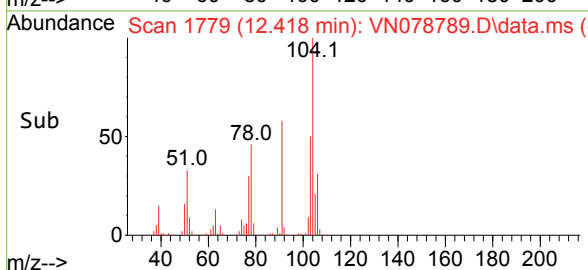
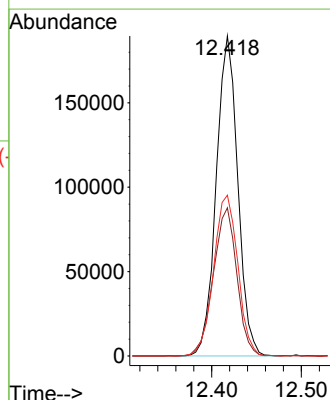
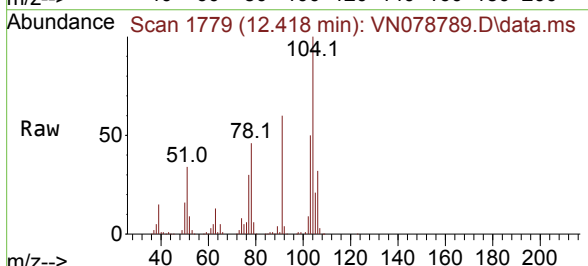
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

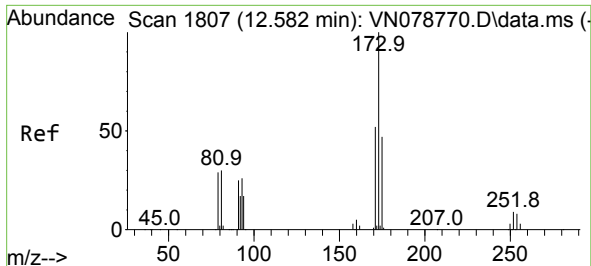
Tgt Ion:106 Resp: 195281  
Ion Ratio Lower Upper  
106 100  
91 210.0 105.2 315.5



#70  
Styrene  
Concen: 51.262 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:104 Resp: 316388  
Ion Ratio Lower Upper  
104 100  
78 50.6 39.5 59.3  
103 56.4 43.2 64.8

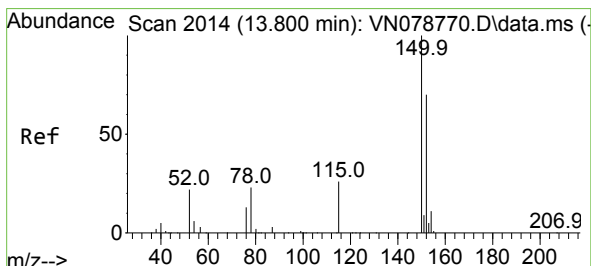
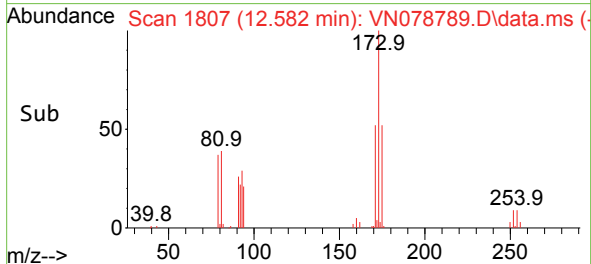
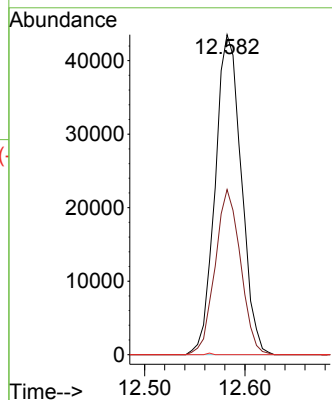
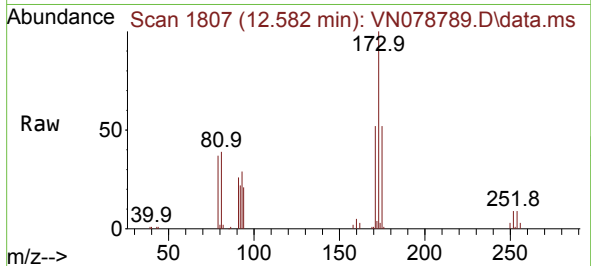




#71  
Bromoform  
Concen: 47.852 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

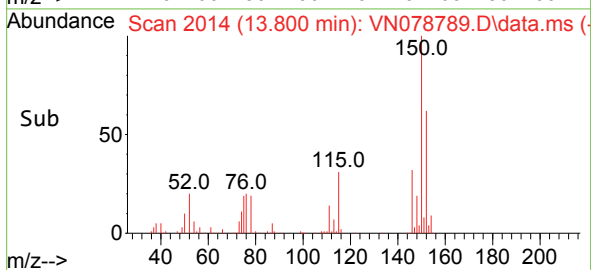
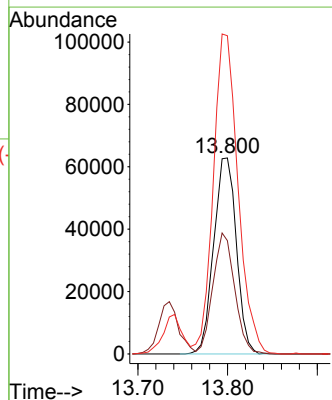
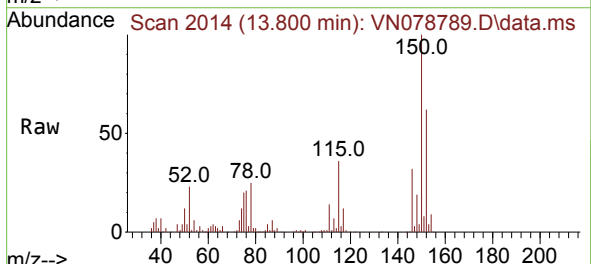
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

Tgt Ion:173 Resp: 78807  
Ion Ratio Lower Upper  
173 100  
175 50.3 24.3 73.0  
254 0.1 0.0 0.0#

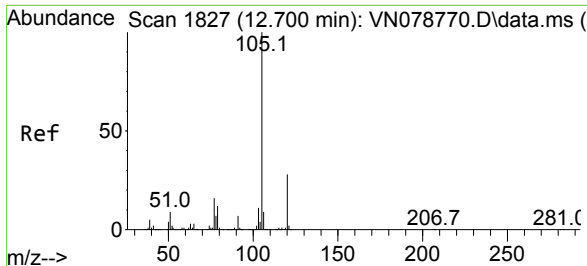


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:152 Resp: 110050  
Ion Ratio Lower Upper  
152 100  
115 59.5 32.3 96.8  
150 178.2 0.0 355.8



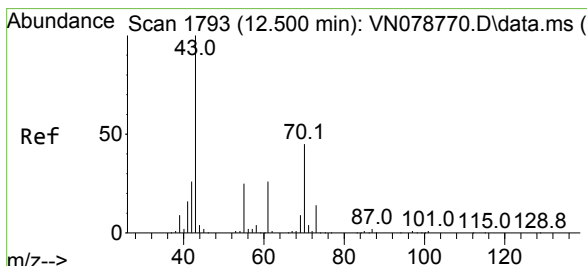
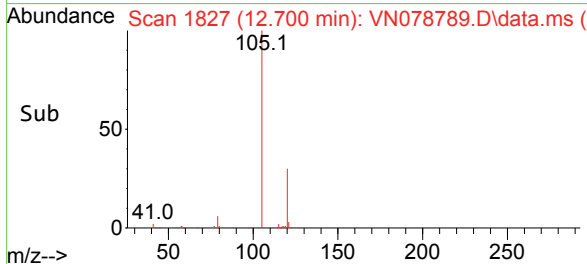
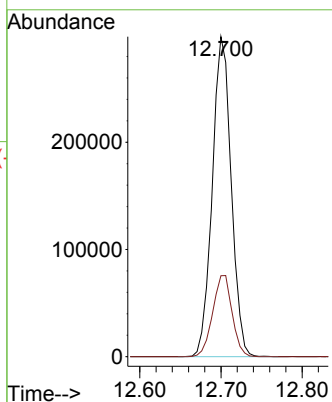
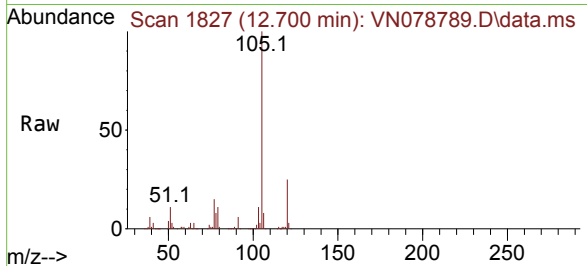




#73  
Isopropylbenzene  
Concen: 44.657 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

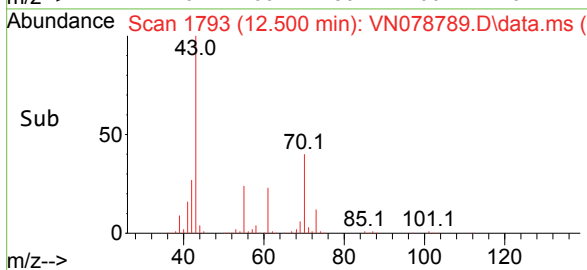
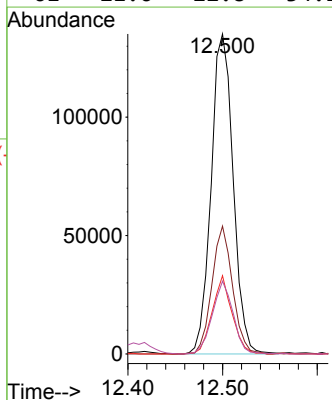
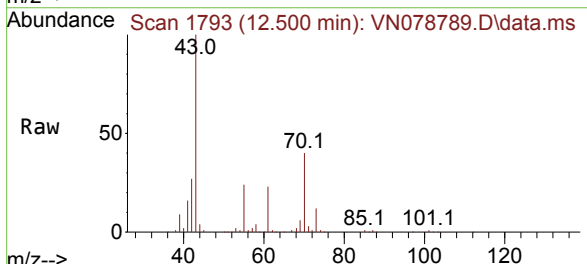
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

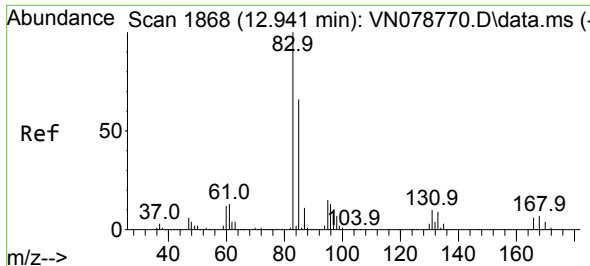
Tgt Ion:105 Resp: 483684  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.1



#74  
N-ethyl acetate  
Concen: 44.449 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 43 Resp: 218388  
Ion Ratio Lower Upper  
43 100  
70 37.5 43.4 65.2#  
55 22.0 21.4 32.0  
61 21.6 22.8 34.2#

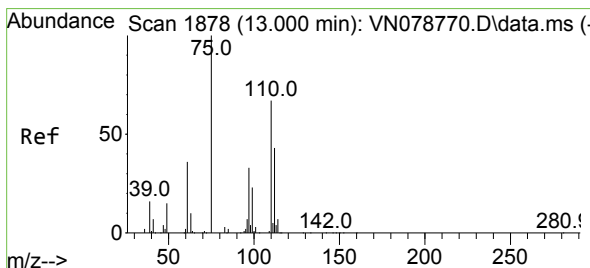
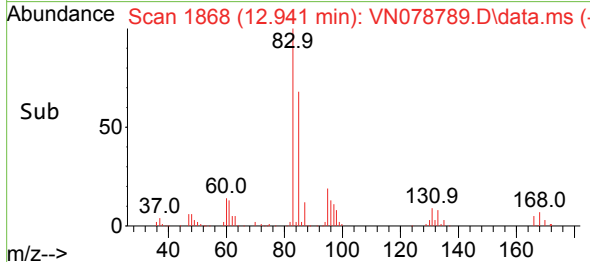
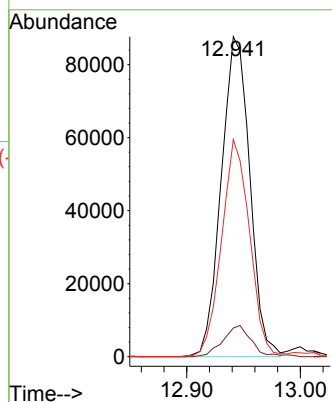
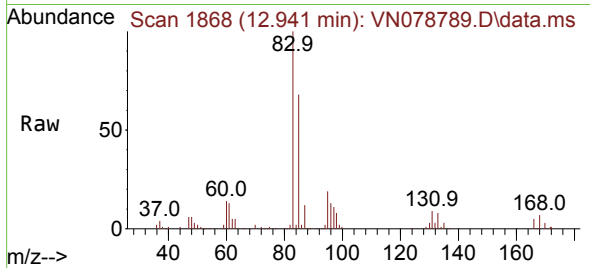




#75  
1,1,2,2-Tetrachloroethane  
Concen: 41.606 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

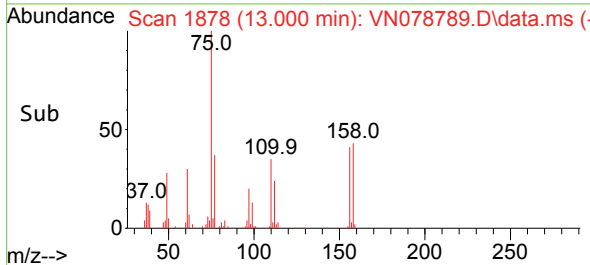
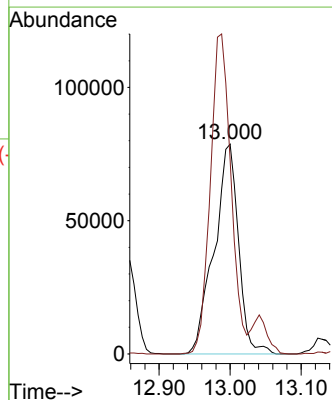
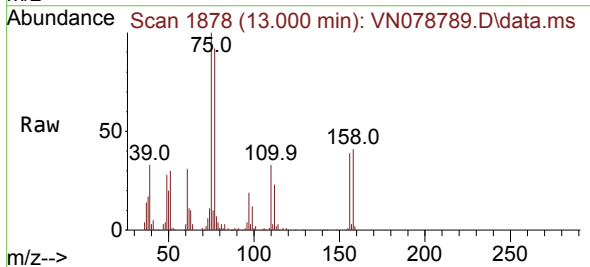
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

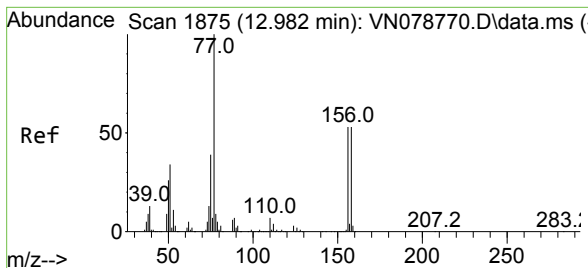
Tgt Ion: 83 Resp: 153146  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.0 15.0  
85 66.8 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 63.013 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 75 Resp: 187488  
Ion Ratio Lower Upper  
75 100  
77 129.3 84.5 253.5





#77

Bromobenzene

Concen: 44.450 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080723

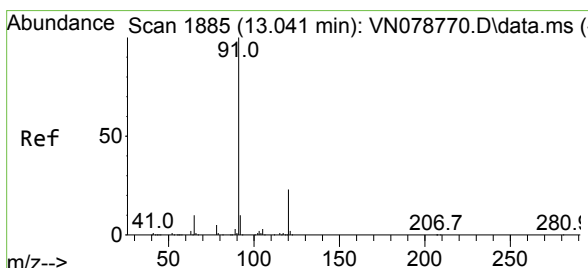
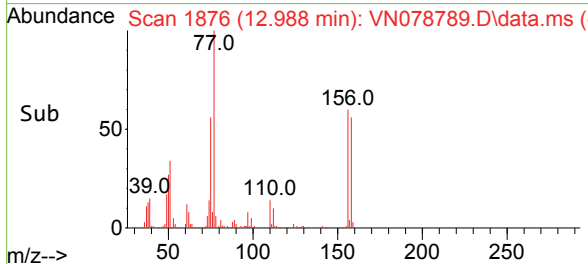
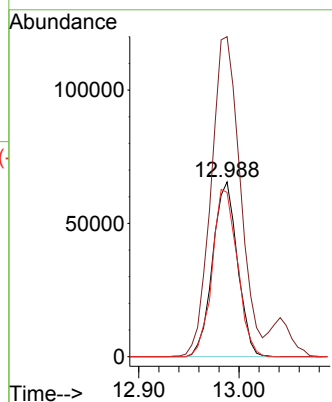
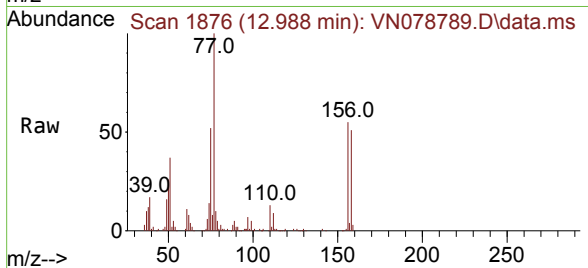
Tgt Ion:156 Resp: 112965

Ion Ratio Lower Upper

156 100

77 214.7 107.7 323.3

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 45.128 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078789.D

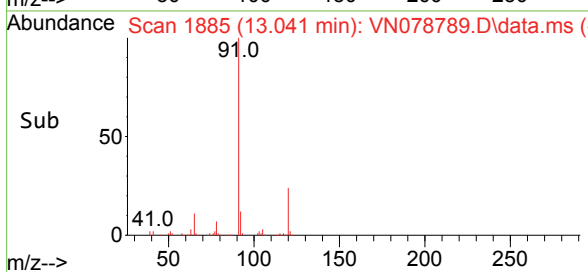
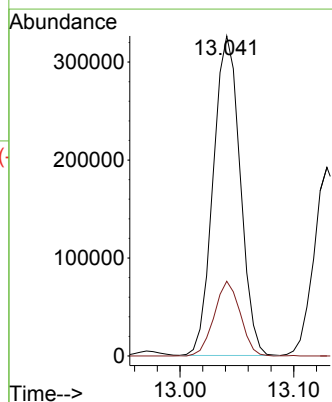
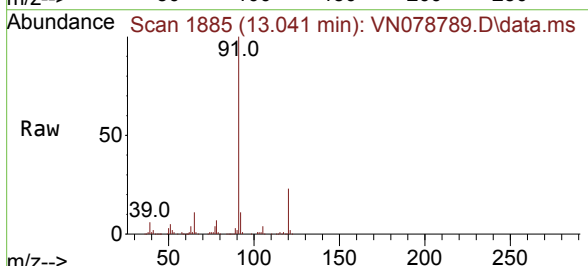
Acq: 07 Aug 2023 21:17

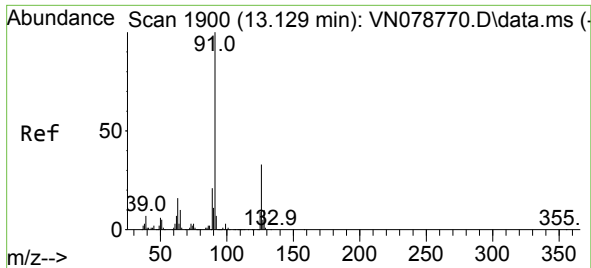
Tgt Ion: 91 Resp: 537228

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

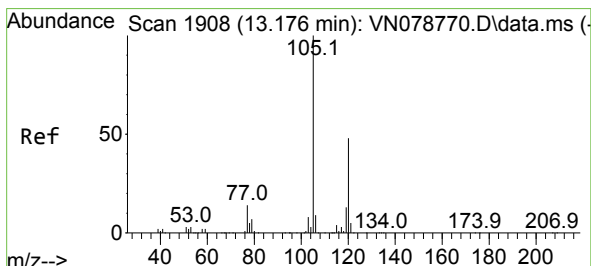
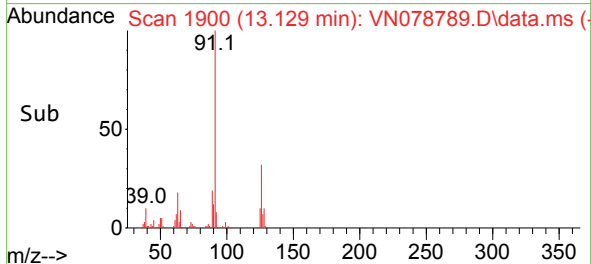
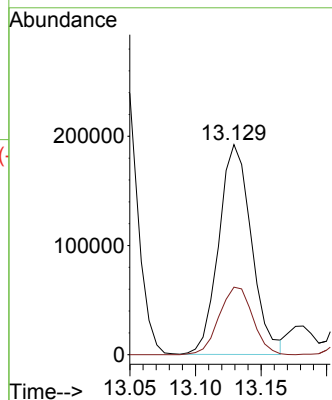
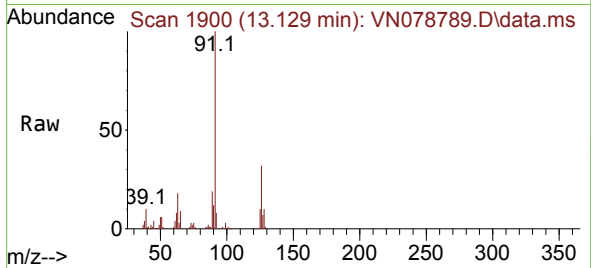




#79  
2-Chlorotoluene  
Concen: 43.609 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

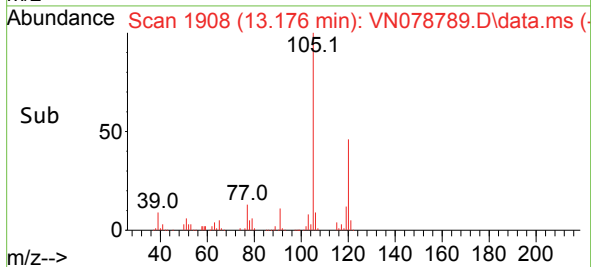
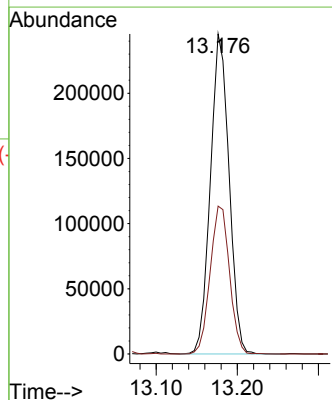
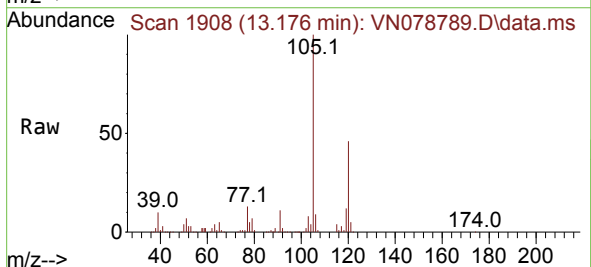
Instrument : MSVOA\_N  
ClientSampleId : ICVVN080723

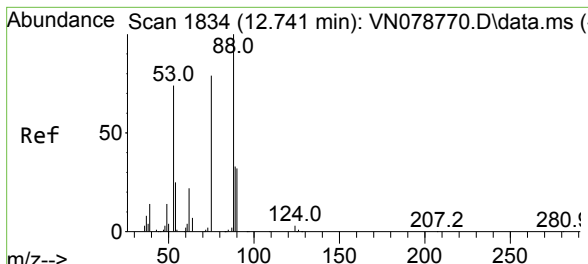
Tgt Ion: 91 Resp: 333531  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 45.140 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:105 Resp: 391659  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.1 72.3

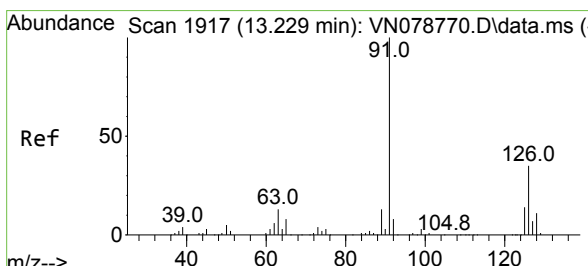
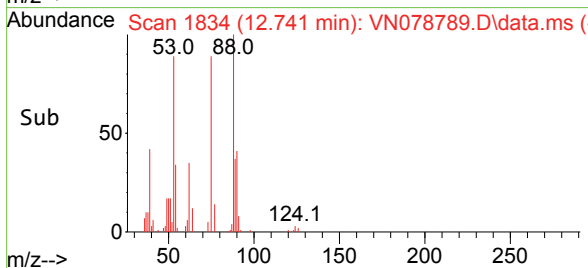
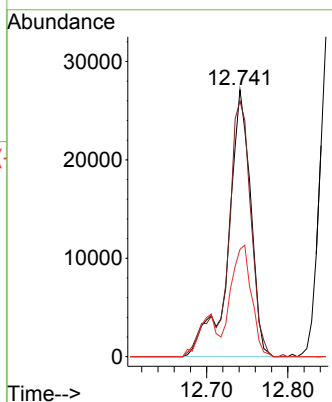
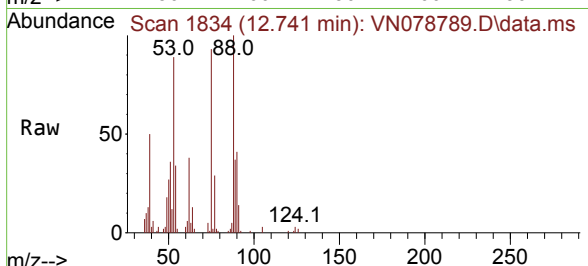




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.892 ug/l  
 RT: 12.741 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

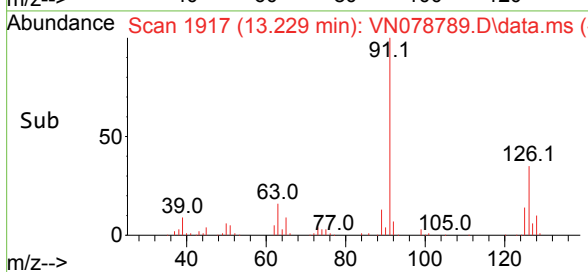
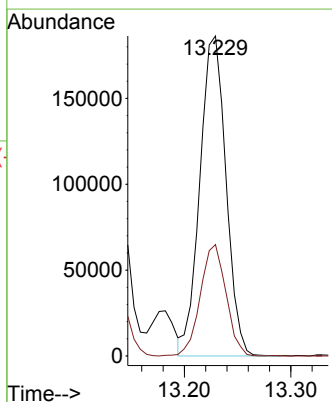
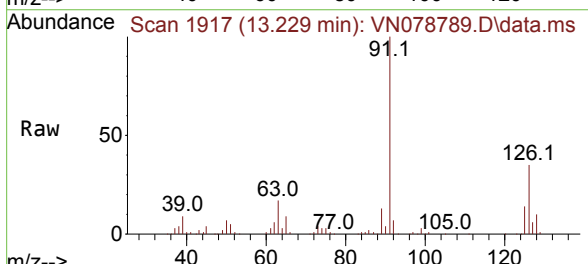
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

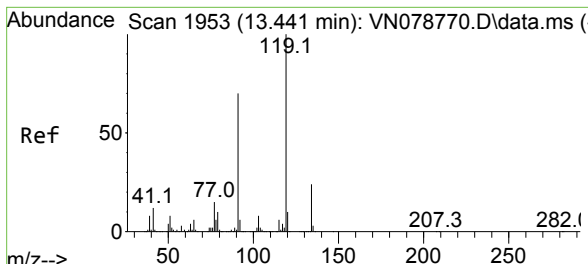
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 51995 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 100.5 | 67.4  | 101.2 |
| 89        | 38.0  | 38.8  | 58.2# |



#82  
 4-Chlorotoluene  
 Concen: 45.402 ug/l  
 RT: 13.229 min Scan# 1917  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 317659 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 34.3  | 16.7  | 50.0   |



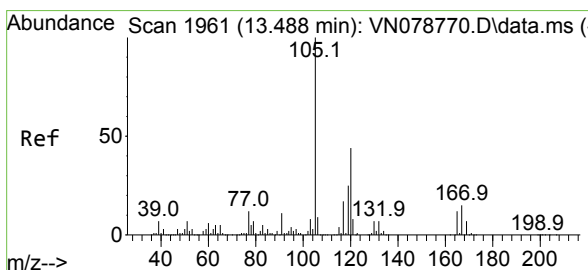
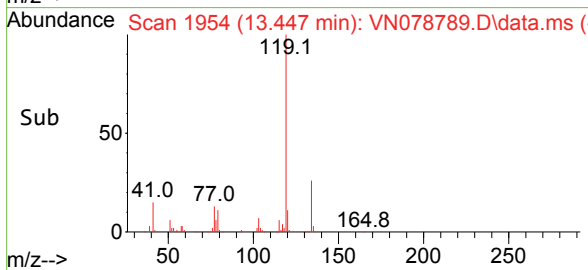
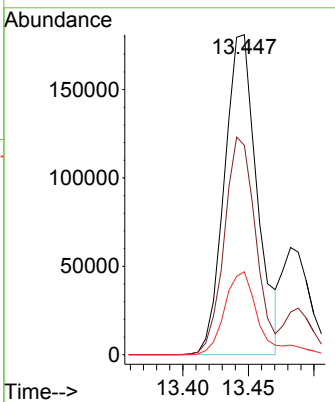
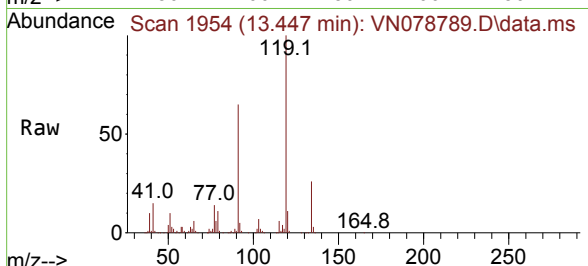


#83  
 tert-Butylbenzene  
 Concen: 43.432 ug/l  
 RT: 13.447 min Scan# 1954  
 Delta R.T. 0.006 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

Tgt Ion:119 Resp: 313863

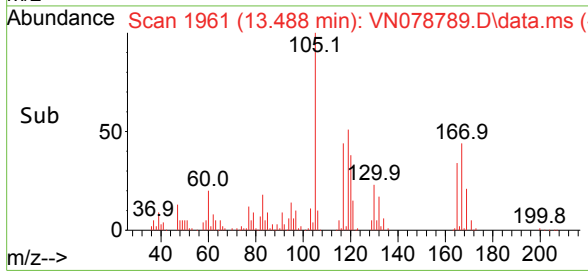
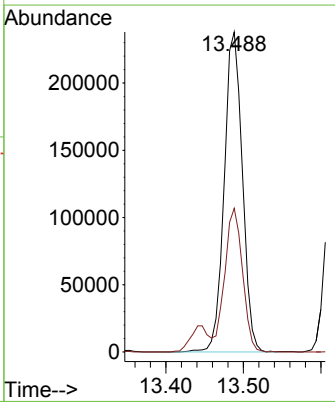
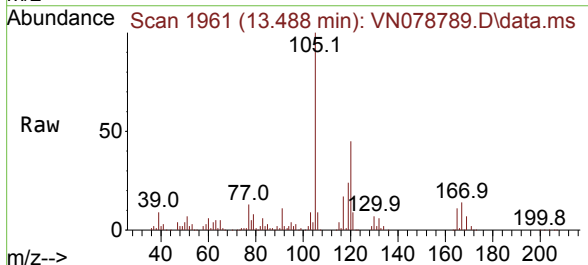
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 65.4  | 33.9  | 101.7 |
| 134 | 27.0  | 13.2  | 39.6  |

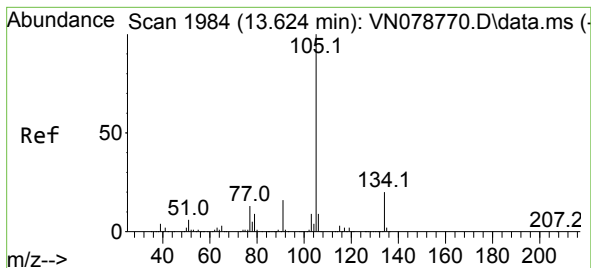


#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.469 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Tgt Ion:105 Resp: 387494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.3  | 22.0  | 66.0  |





#85

sec-Butylbenzene

Concen: 44.949 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

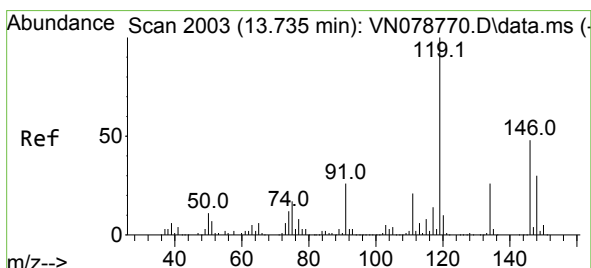
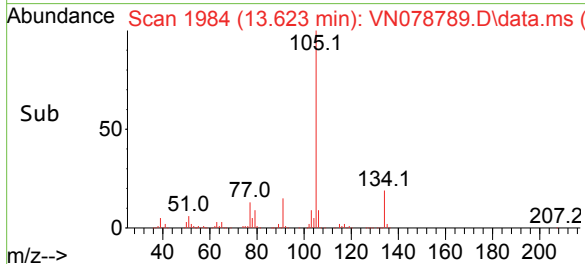
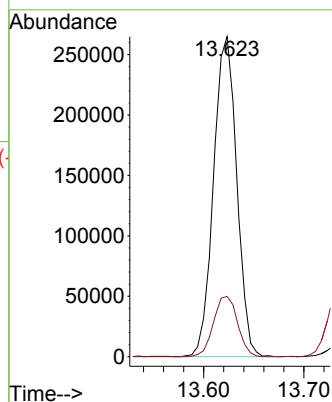
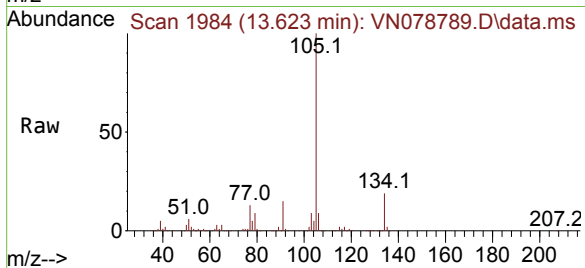
ICVVN080723

Tgt Ion:105 Resp: 424735

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 44.841 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

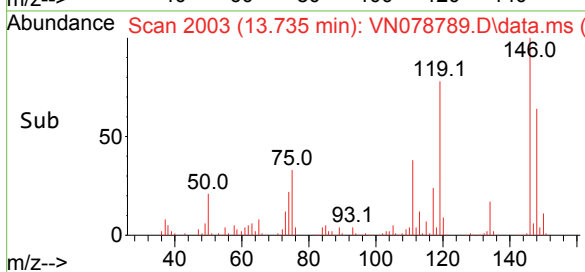
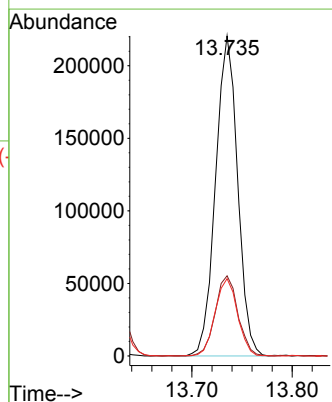
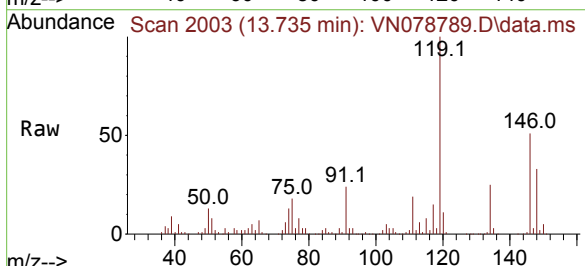
Tgt Ion:119 Resp: 336916

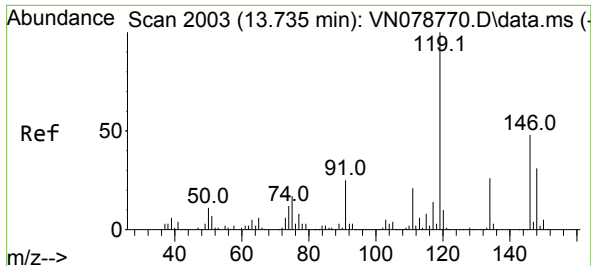
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.5 12.4 37.2

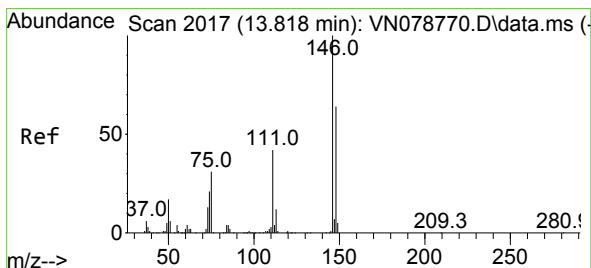
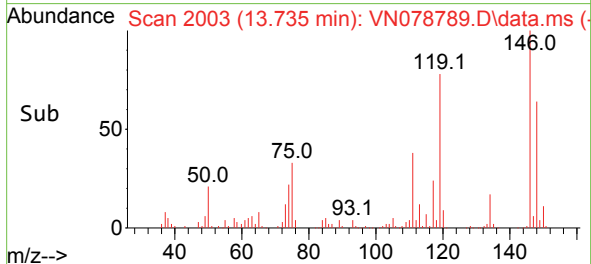
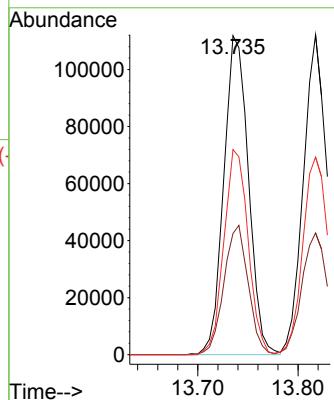
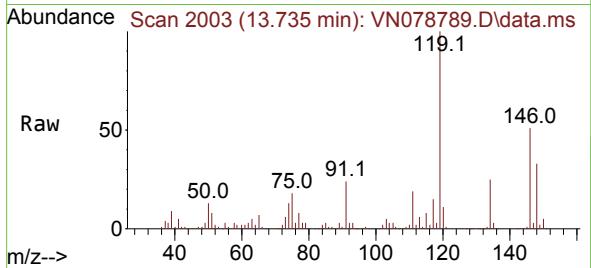




#87  
1,3-Dichlorobenzene  
Concen: 47.111 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

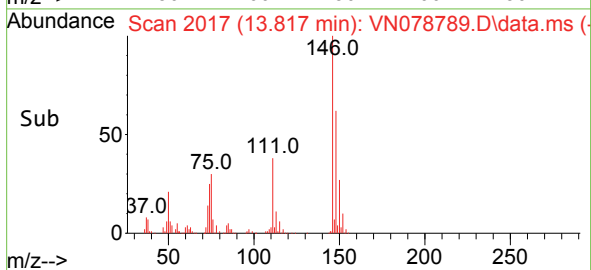
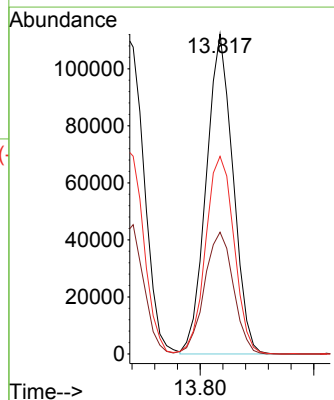
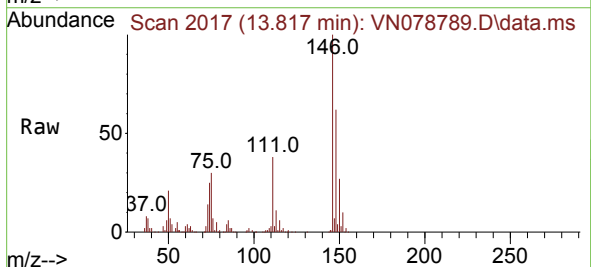
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

Tgt Ion:146 Resp: 191221  
Ion Ratio Lower Upper  
146 100  
111 40.0 22.1 66.3  
148 63.3 32.0 96.0

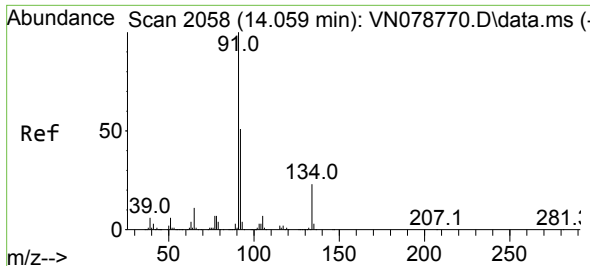


#88  
1,4-Dichlorobenzene  
Concen: 45.668 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:146 Resp: 183747  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.6 61.8  
148 65.7 31.6 94.8



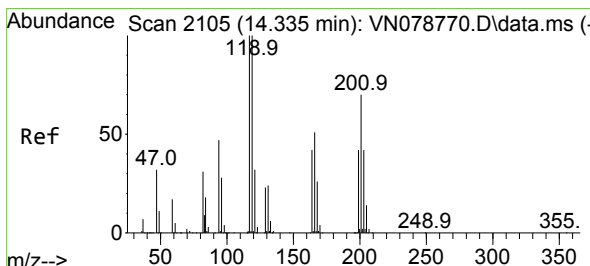
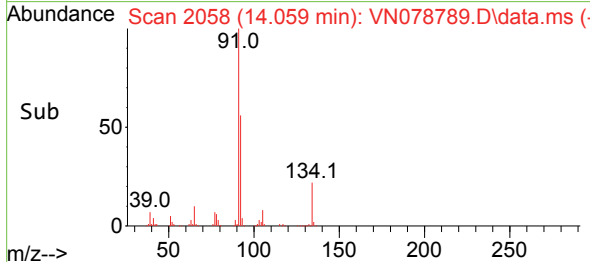
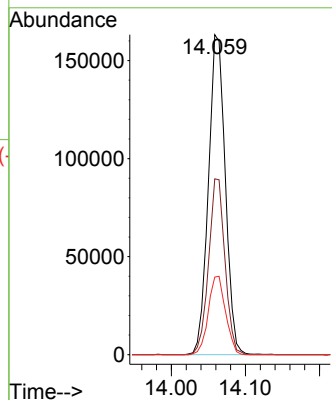
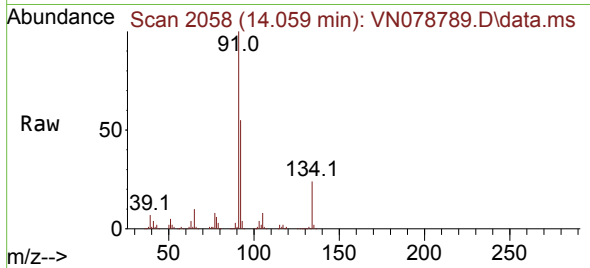




#89  
n-Butylbenzene  
Concen: 45.835 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

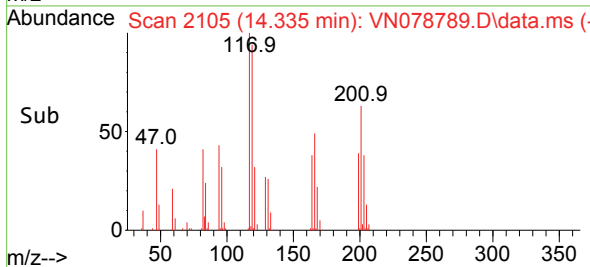
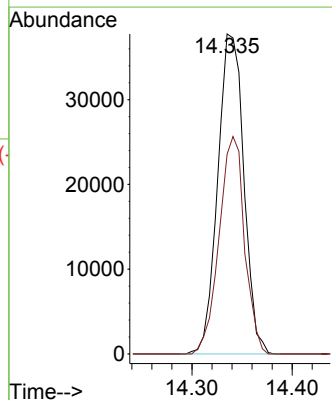
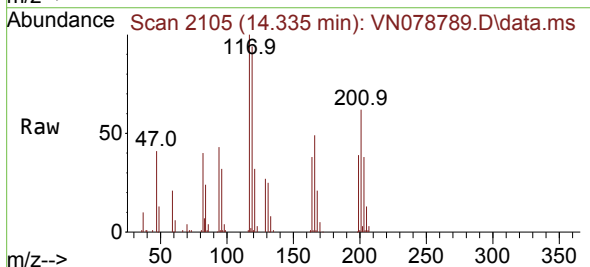
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

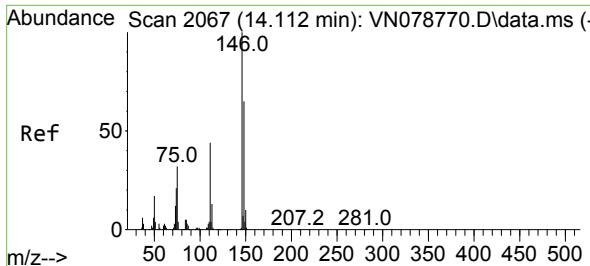
Tgt Ion: 91 Resp: 258396  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.4 79.0  
134 25.0 12.6 37.6



#90  
Hexachloroethane  
Concen: 43.795 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion: 117 Resp: 68200  
Ion Ratio Lower Upper  
117 100  
201 66.3 29.3 88.0

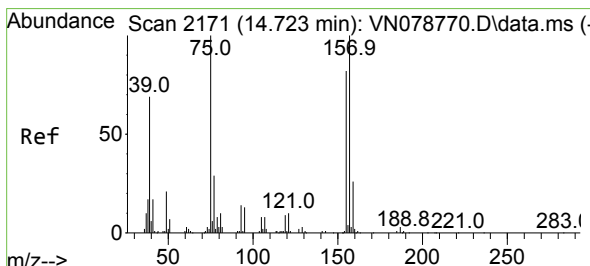
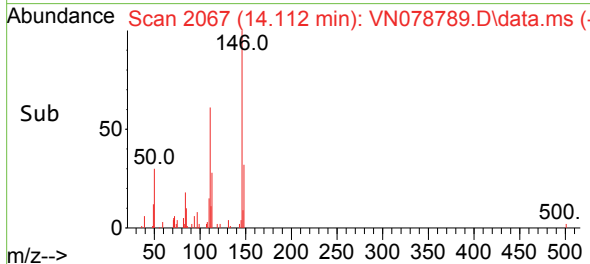
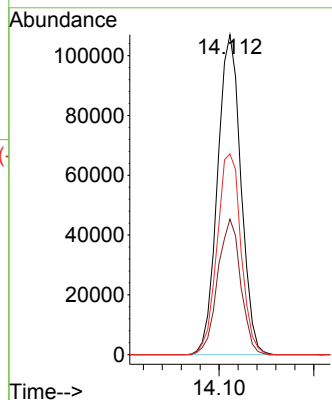
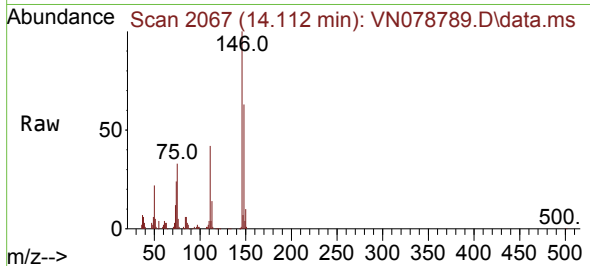




#91  
 1,2-Dichlorobenzene  
 Concen: 46.893 ug/l  
 RT: 14.112 min Scan# 2067  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

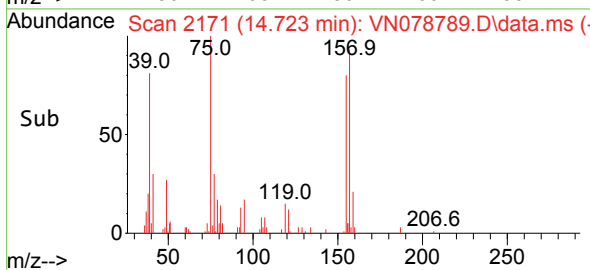
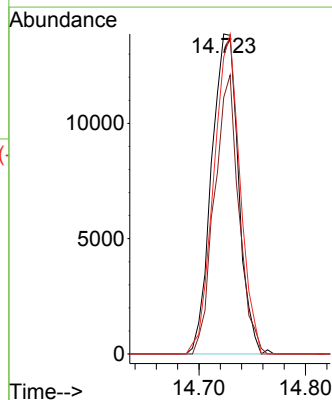
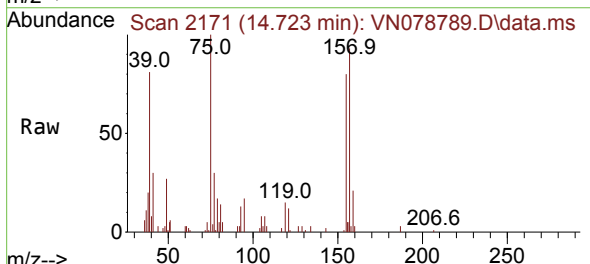
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN080723

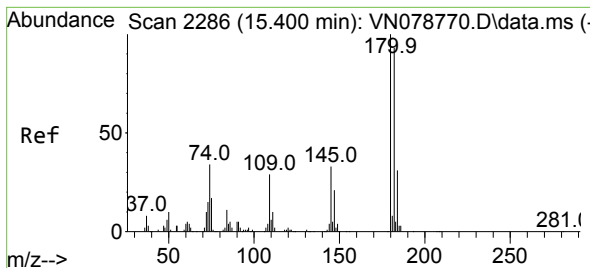
Tgt Ion:146 Resp: 183357  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 22.0 66.0  
 148 64.4 31.8 95.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.077 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. -0.000 min  
 Lab File: VN078789.D  
 Acq: 07 Aug 2023 21:17

Tgt Ion: 75 Resp: 24322  
 Ion Ratio Lower Upper  
 75 100  
 155 79.2 39.1 117.2  
 157 97.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.390 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078789.D

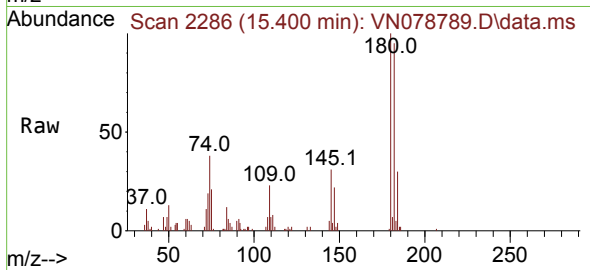
Acq: 07 Aug 2023 21:17

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN080723



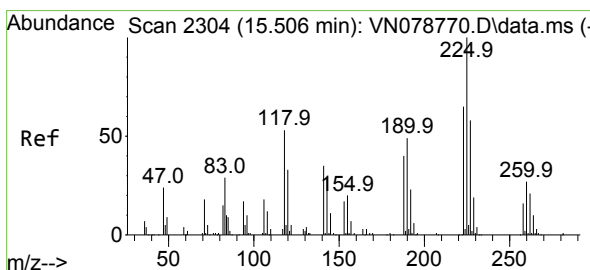
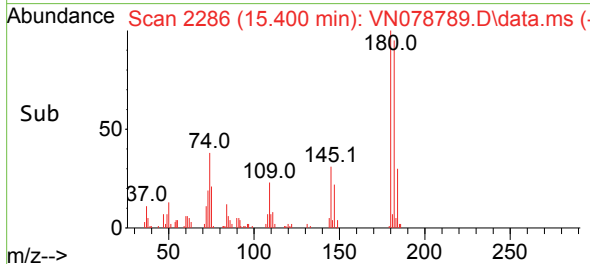
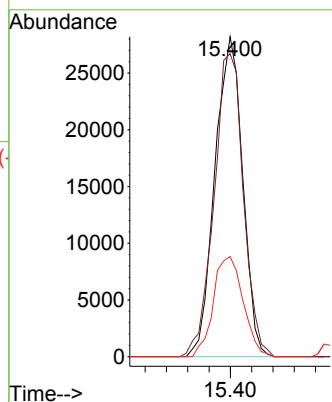
Tgt Ion:180 Resp: 50967

Ion Ratio Lower Upper

180 100

182 100.3 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 47.501 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078789.D

Acq: 07 Aug 2023 21:17

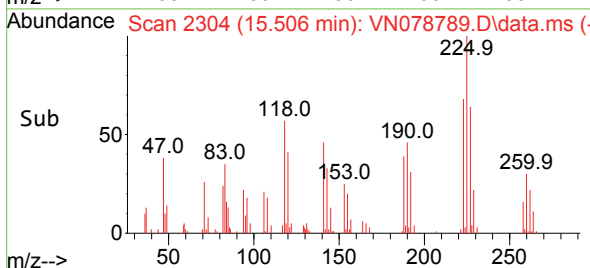
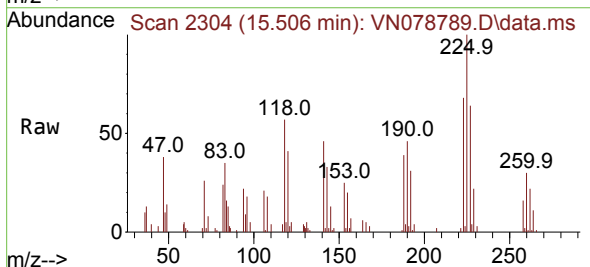
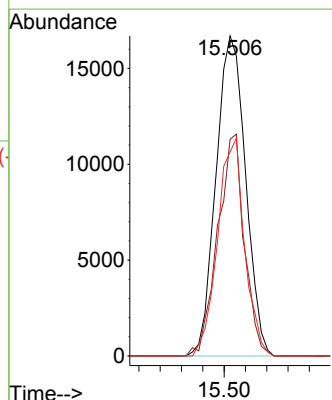
Tgt Ion:225 Resp: 32174

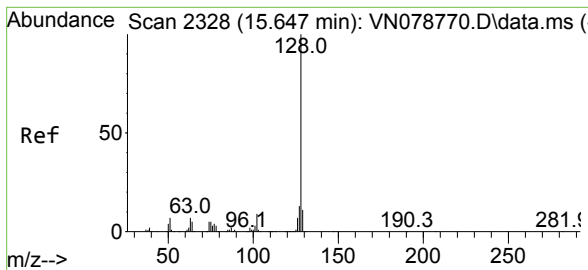
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 61.9 31.9 95.9

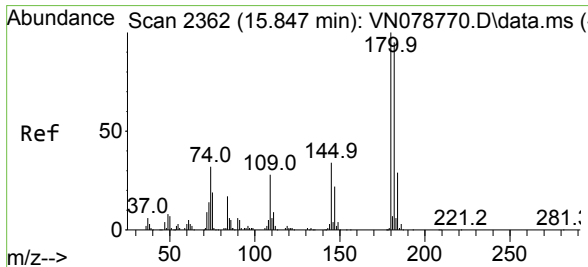
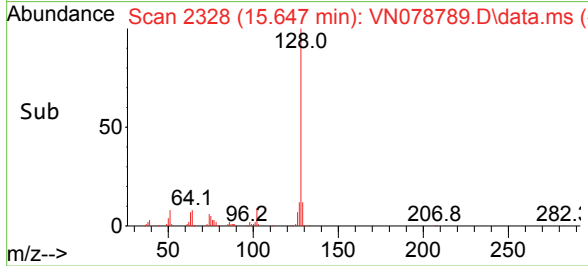
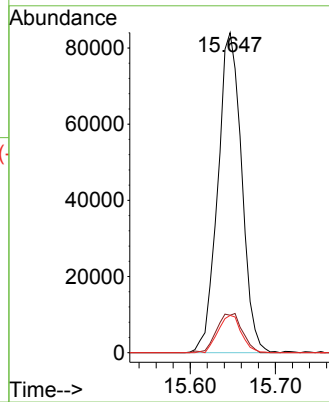
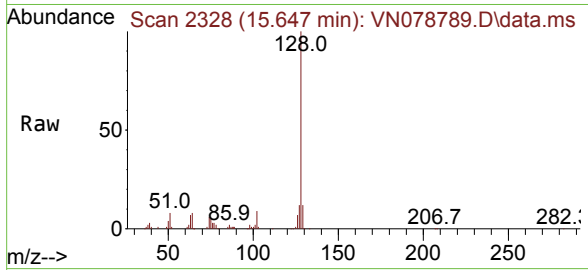




#95  
Naphthalene  
Concen: 44.510 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN080723

Tgt Ion:128 Resp: 163229  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.0 15.0  
129 11.4 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 44.727 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: VN078789.D  
Acq: 07 Aug 2023 21:17

Tgt Ion:180 Resp: 58514  
Ion Ratio Lower Upper  
180 100  
182 93.4 46.2 138.6  
145 33.4 17.5 52.6

