

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030124\  
 Data File : VN081291.D  
 Acq On : 01 Mar 2024 17:31  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 01 22:21:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 230686   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 419099   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 382674   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 184282   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 147230   | 52.070   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 104.140% |
| 35) Dibromofluoromethane     | 8.165  | 113   | 127026   | 53.600   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 107.200% |
| 50) Toluene-d8               | 10.571 | 98    | 390829   | 46.432   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 92.860%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 164289   | 51.945   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.880% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 161778   | 54.228   | ug/l   | 95       |
| 3) Chloromethane             | 2.365  | 50    | 151304   | 46.393   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512  | 62    | 170719   | 51.518   | ug/l   | 93       |
| 5) Bromomethane              | 2.954  | 94    | 99520    | 42.283   | ug/l   | 91       |
| 6) Chloroethane              | 3.118  | 64    | 118785   | 55.538   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 280687   | 57.980   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.959  | 74    | 97942    | 55.336   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 159308   | 59.030   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.589  | 142   | 156796   | 52.050   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 154673   | 297.447  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 143190   | 54.888   | ug/l   | 97       |
| 13) Acrolein                 | 4.177  | 56    | 57440    | 206.093  | ug/l   | 97       |
| 14) Allyl chloride           | 5.024  | 41    | 210253   | 54.318   | ug/l # | 89       |
| 15) Acrylonitrile            | 5.718  | 53    | 443145   | 326.305  | ug/l   | 99       |
| 16) Acetone                  | 4.424  | 43    | 337031   | 302.926  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.712  | 76    | 319579   | 43.920   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.024  | 43    | 208154   | 76.694   | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.795  | 73    | 549044   | 61.449   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.277  | 84    | 171634   | 59.814   | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 158772   | 54.550   | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.671  | 45    | 545628   | 62.140   | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.600  | 43    | 2145543  | 301.169  | ug/l # | 95       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 312829   | 61.616   | ug/l   | 96       |
| 25) 2-Butanone               | 7.483  | 43    | 572371   | 318.442  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.489  | 77    | 276119   | 58.043   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 194361   | 57.475   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.818  | 49    | 135595   | 64.421   | ug/l # | 70       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 384060   | 320.088  | ug/l # | 88       |
| 30) Chloroform               | 7.971  | 83    | 342956   | 63.542   | ug/l   | 99       |
| 31) Cyclohexane              | 8.259  | 56    | 253415   | 51.905   | ug/l   | 86       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 299778   | 60.986   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 232051   | 57.154   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.559  | 43    | 240452   | 65.620   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 254887   | 62.051   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.600  | 83    | 255016   | 53.881   | ug/l   | 91       |
| 40) Benzene                  | 8.606  | 78    | 706410   | 60.110   | ug/l   | 96       |

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 Acq On : 01 Mar 2024 17:31  
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 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 01 22:21:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 129162   | 61.936   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 257570   | 62.821   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 584402   | 91.190   | ug/l # | 91       |
| 44) Trichloroethene           | 9.353  | 130  | 174127   | 55.631   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 185379   | 63.061   | ug/l   | 100      |
| 46) Dibromomethane            | 9.712  | 93   | 132233   | 61.737   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.888  | 83   | 269063   | 66.327   | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.683  | 41   | 187605   | 62.913   | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 77481    | 1429.109 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1260088  | 341.807  | ug/l   | 96       |
| 52) Toluene                   | 10.635 | 92   | 443876   | 59.662   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 279299   | 61.957   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 301430   | 61.889   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 186181   | 65.064   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 278551   | 63.694   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 315272   | 63.720   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 697315   | 317.786  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.200 | 43   | 938898   | 321.243  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 197941   | 65.115   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 186827   | 62.088   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 154530   | 59.167   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.894 | 112  | 475602   | 57.424   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 185010   | 62.193   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 875900   | 59.101   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.077 | 106  | 662520   | 116.628  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 325660   | 57.834   | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 539940   | 60.512   | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 125882   | 66.699   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.700 | 105  | 863011   | 53.525   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 377246   | 55.360   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 269962   | 59.545   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 351960   | 84.060   | ug/l   | 59       |
| 77) Bromobenzene              | 12.982 | 156  | 192485   | 53.541   | ug/l   | 79       |
| 78) n-propylbenzene           | 13.035 | 91   | 1030093  | 55.497   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 612690   | 53.816   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 734334   | 56.173   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 88567    | 54.446   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 600375   | 53.933   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 618985   | 54.759   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 738570   | 56.696   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 912975   | 58.097   | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 751434   | 57.569   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 369291   | 54.366   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 362904   | 54.371   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 663577   | 58.354   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 135551   | 62.826   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 356576   | 54.427   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.718 | 75   | 54953    | 58.298   | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 197799   | 54.117   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 73349    | 53.809   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 728890   | 54.420   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 200581   | 55.319   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Mar 01 22:21:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 16 23:45:20 2024  
Response via : Initial Calibration

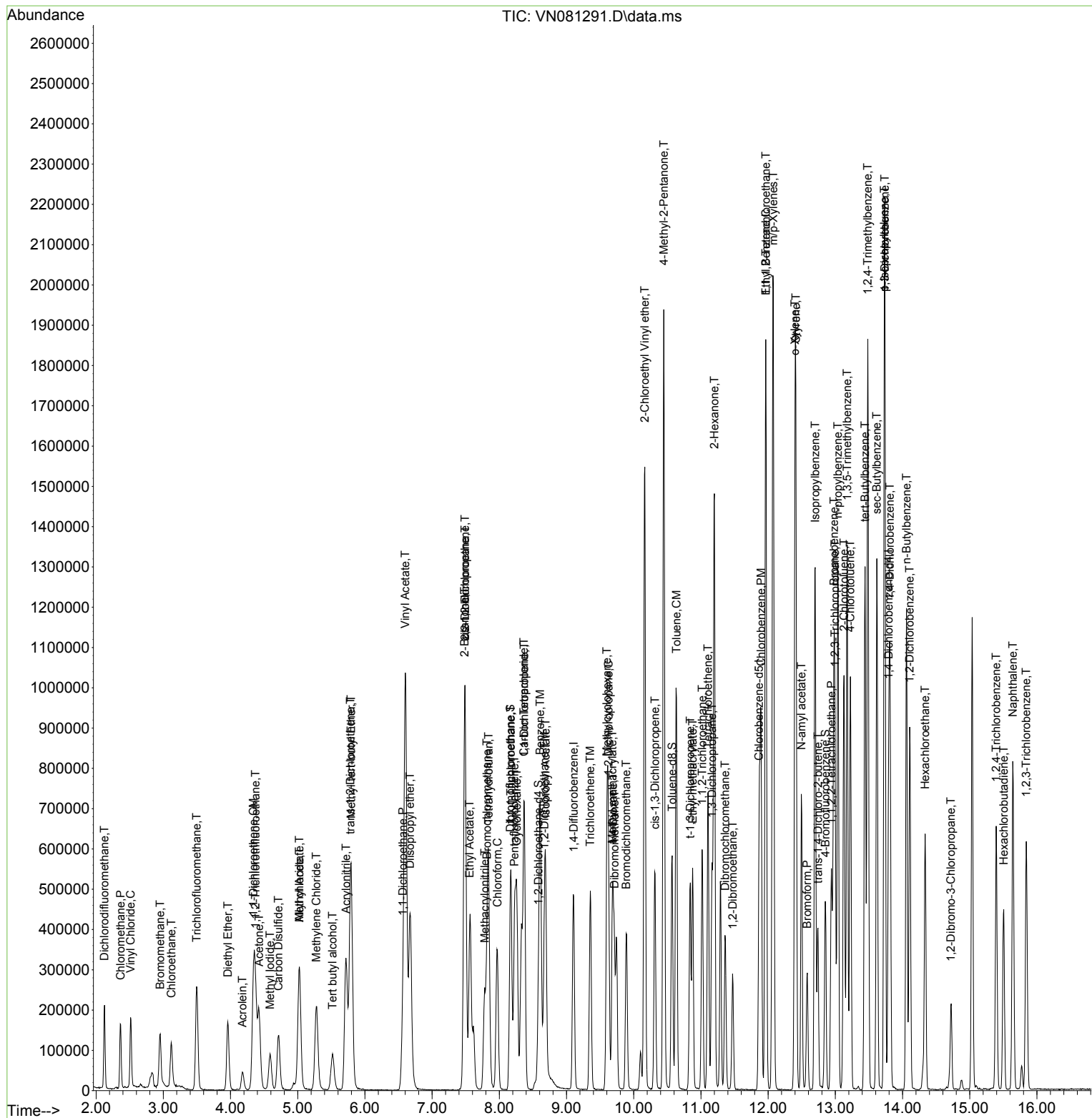
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

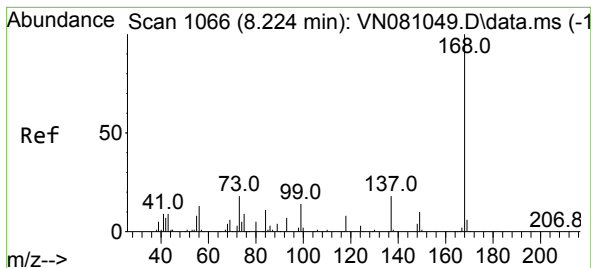
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030124\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

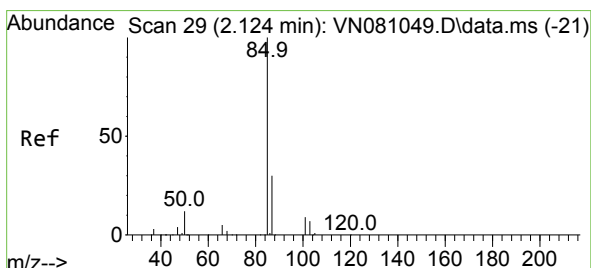
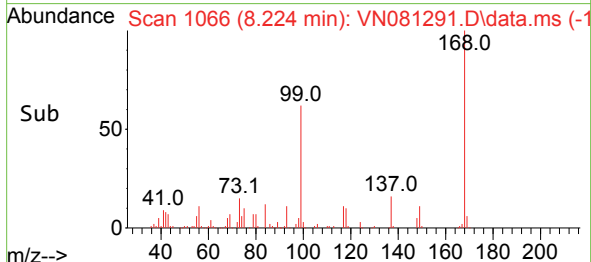
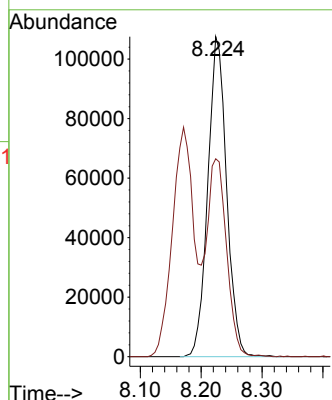
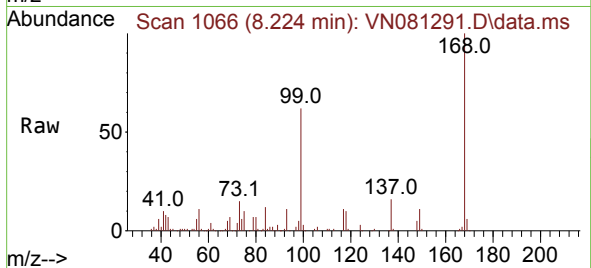
VSTDCCC050EC

Tgt Ion:168 Resp: 230686

Ion Ratio Lower Upper

168 100

99 61.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 54.228 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081291.D

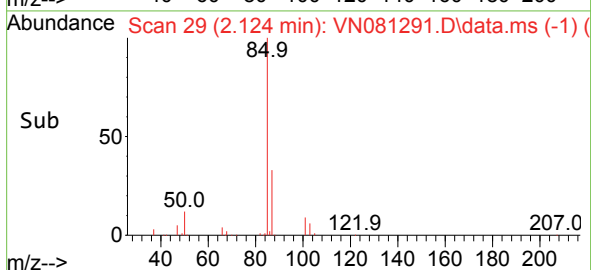
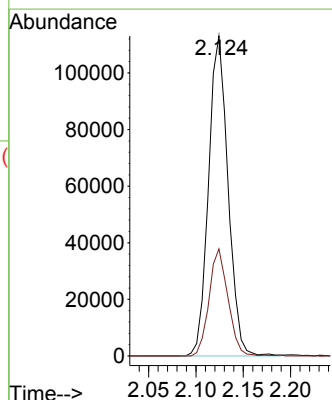
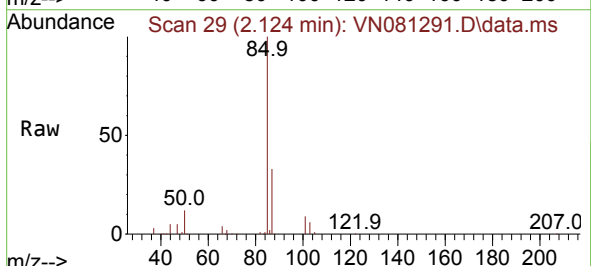
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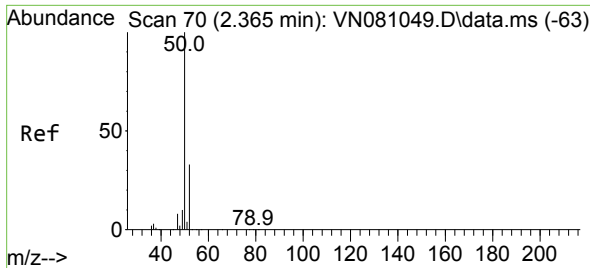
Tgt Ion: 85 Resp: 161778

Ion Ratio Lower Upper

85 100

87 33.4 15.3 45.9

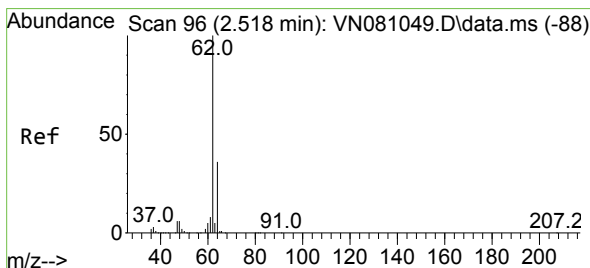
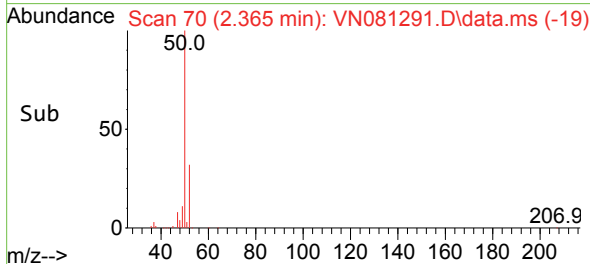
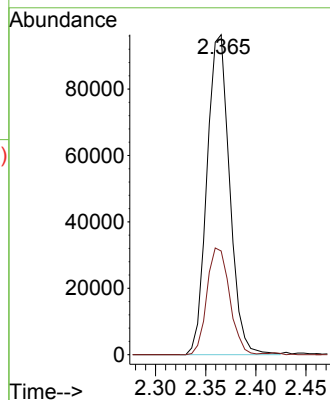
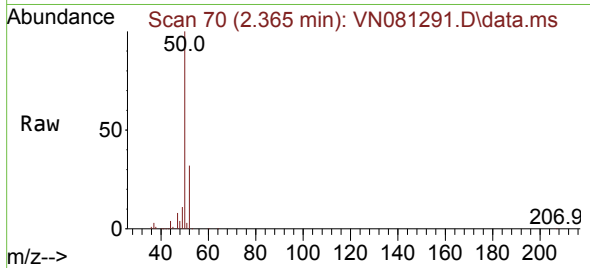




#3  
Chloromethane  
Concen: 46.393 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

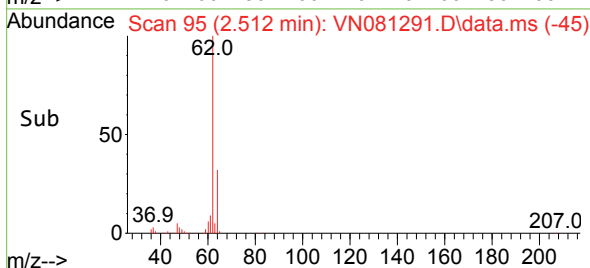
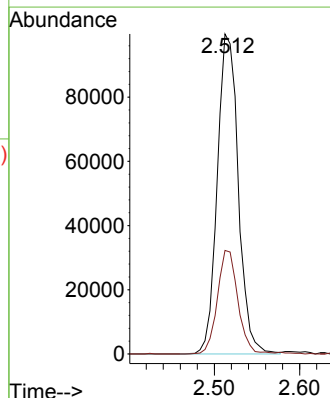
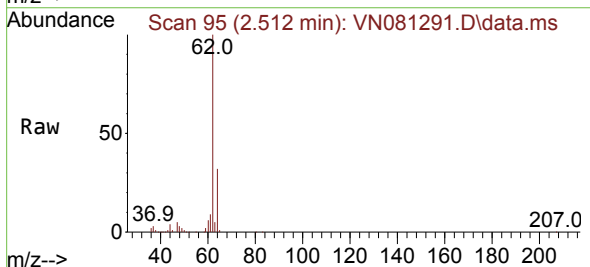
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

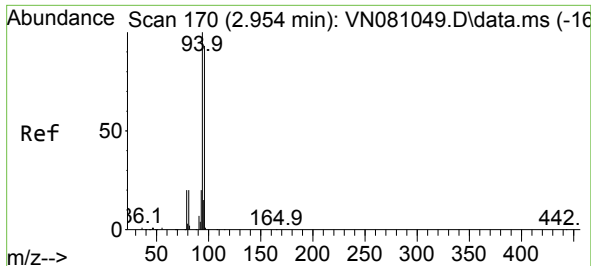
Tgt Ion: 50 Resp: 151304  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.0 37.4



#4  
Vinyl Chloride  
Concen: 51.518 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 62 Resp: 170719  
Ion Ratio Lower Upper  
62 100  
64 32.4 22.7 34.1

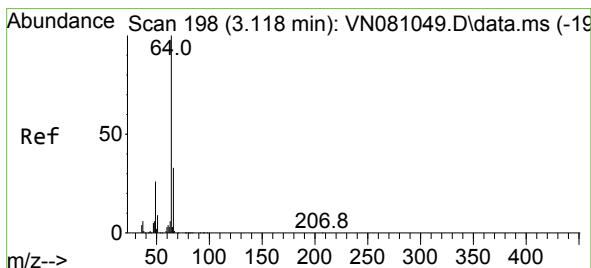
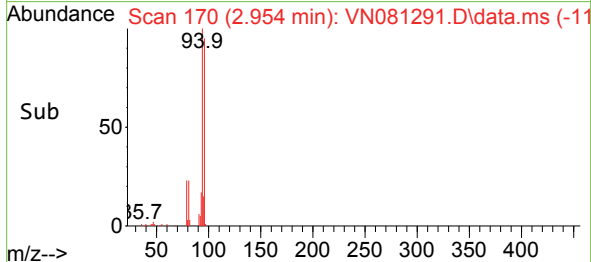
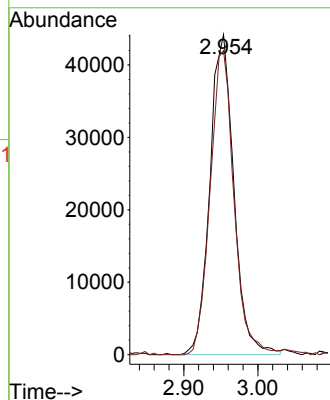
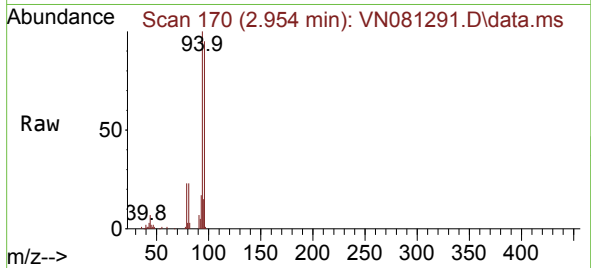




#5  
Bromomethane  
Concen: 42.283 ug/l  
RT: 2.954 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

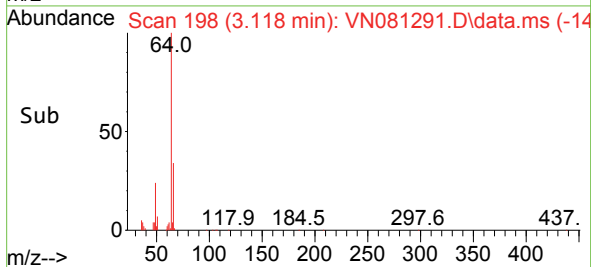
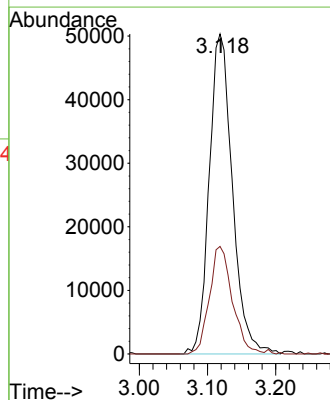
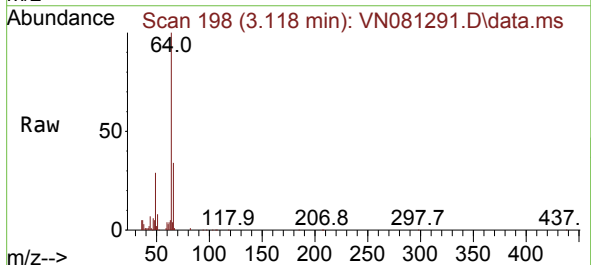
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

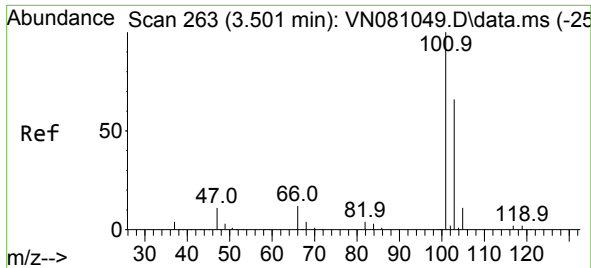
Tgt Ion: 94 Resp: 99520  
Ion Ratio Lower Upper  
94 100  
96 95.1 69.2 103.8



#6  
Chloroethane  
Concen: 55.538 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 64 Resp: 118785  
Ion Ratio Lower Upper  
64 100  
66 33.6 26.4 39.6

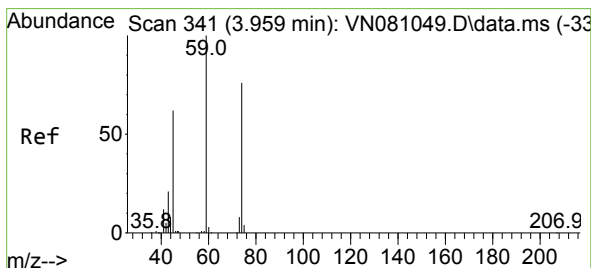
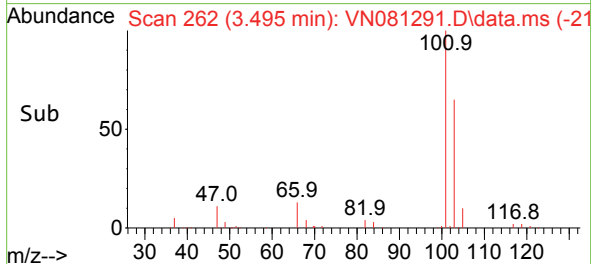
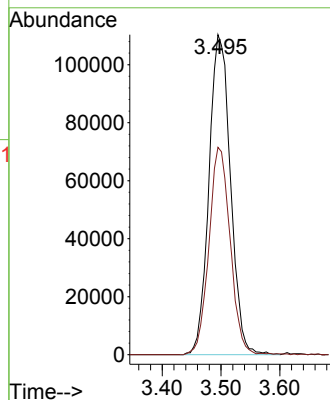
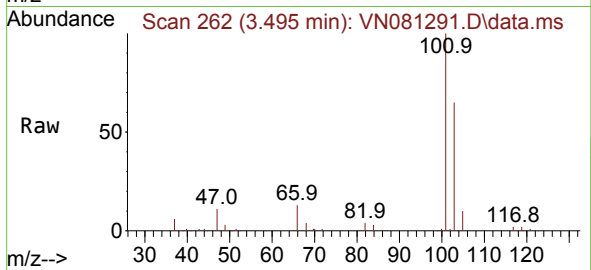




#7  
Trichlorofluoromethane  
Concen: 57.980 ug/l  
RT: 3.495 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

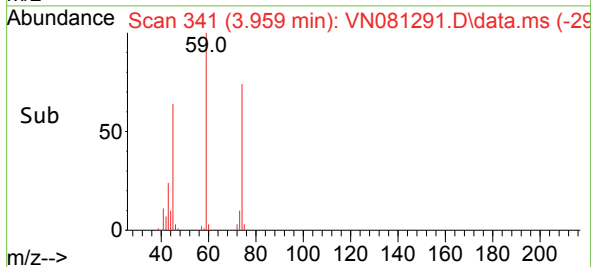
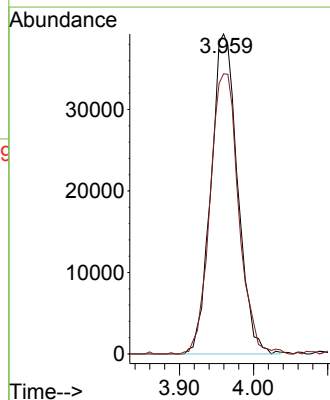
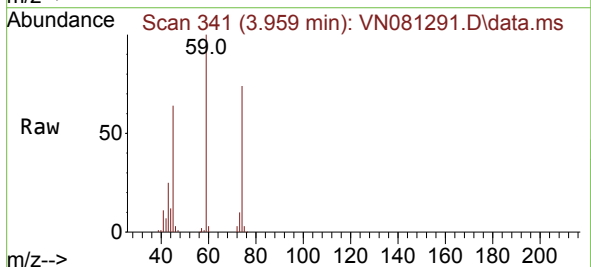
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

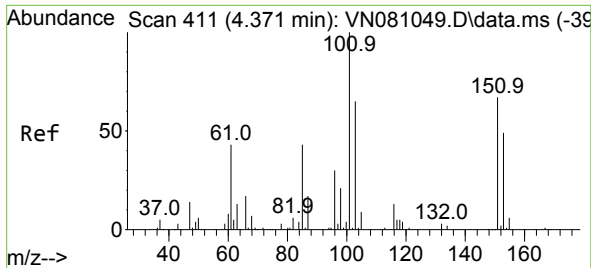
Tgt Ion:101 Resp: 280687  
Ion Ratio Lower Upper  
101 100  
103 64.8 54.4 81.6



#8  
Diethyl Ether  
Concen: 55.336 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 74 Resp: 97942  
Ion Ratio Lower Upper  
74 100  
45 94.1 53.3 159.9

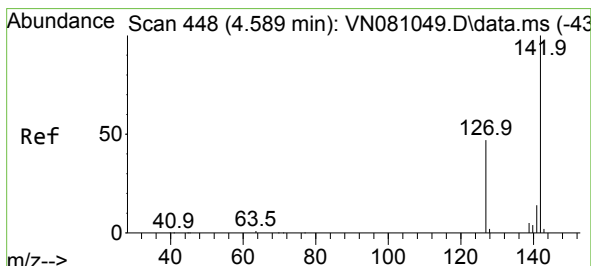
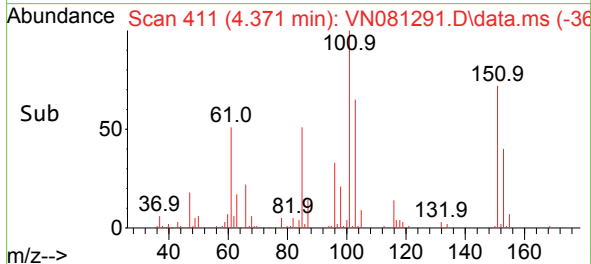
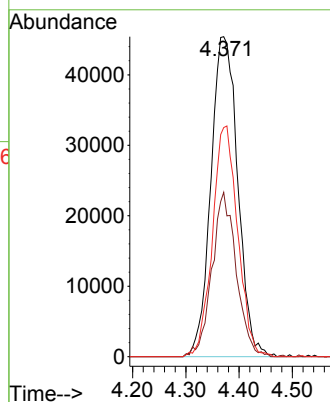
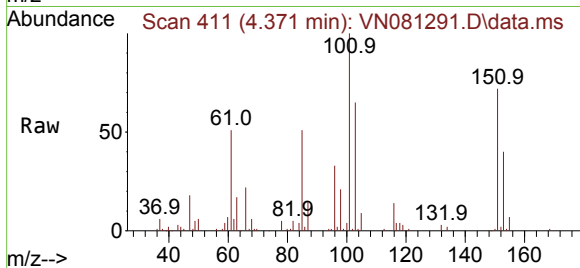




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 59.030 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

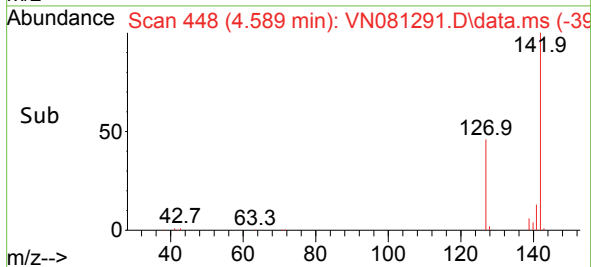
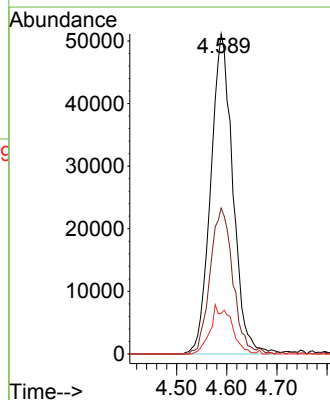
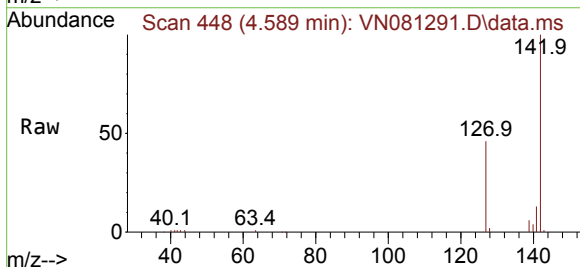
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

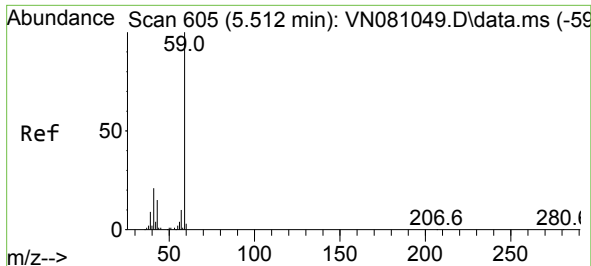
Tgt Ion:101 Resp: 159308  
Ion Ratio Lower Upper  
101 100  
85 46.4 38.1 57.1  
151 67.7 49.1 73.7



#10  
Methyl Iodide  
Concen: 52.050 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:142 Resp: 156796  
Ion Ratio Lower Upper  
142 100  
127 45.6 37.0 55.4  
141 12.7 12.5 18.7

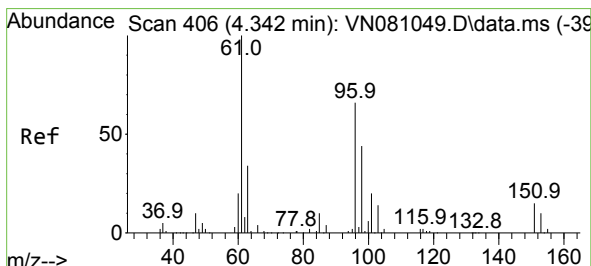
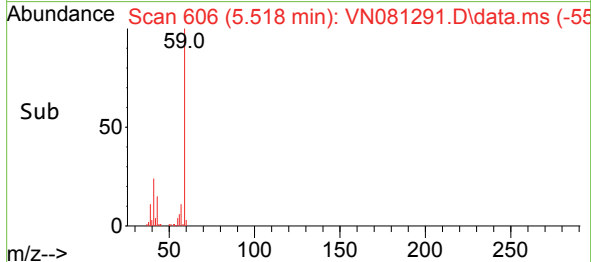
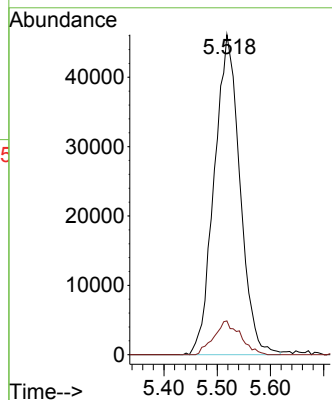
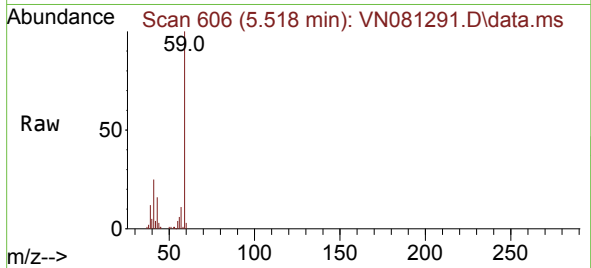




#11  
Tert butyl alcohol  
Concen: 297.447 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

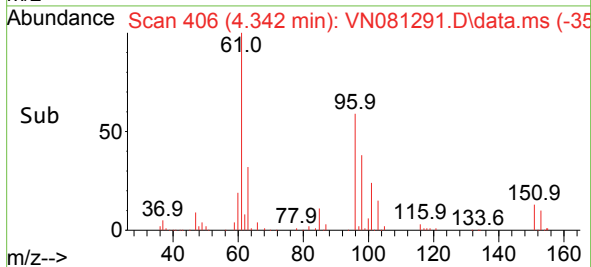
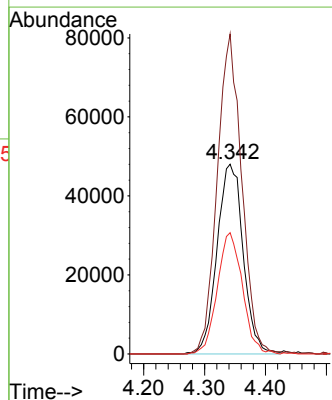
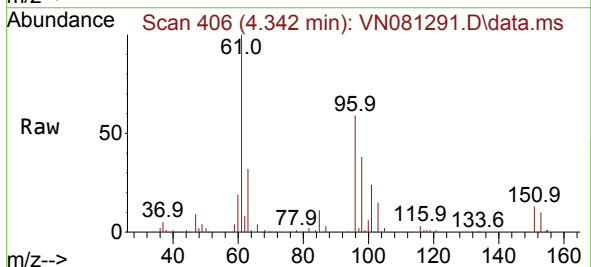
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

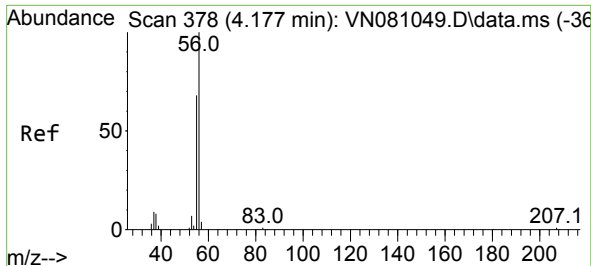
Tgt Ion: 59 Resp: 154673  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 54.888 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 96 Resp: 143190  
Ion Ratio Lower Upper  
96 100  
61 168.7 138.2 207.4  
98 63.9 49.2 73.8

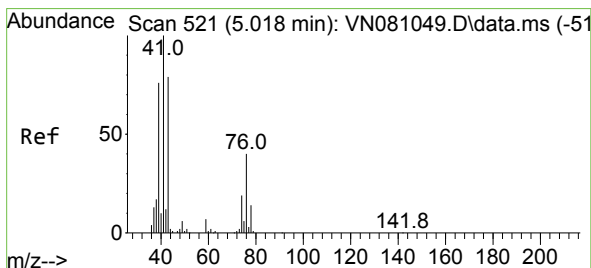
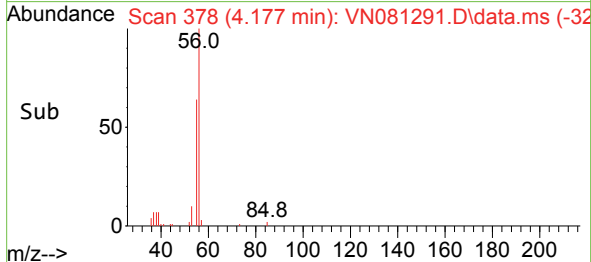
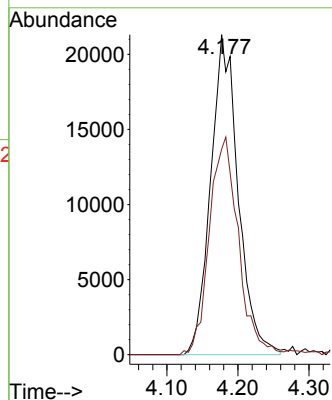
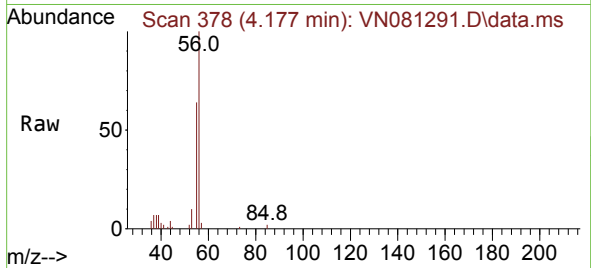




#13  
Acrolein  
Concen: 206.093 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

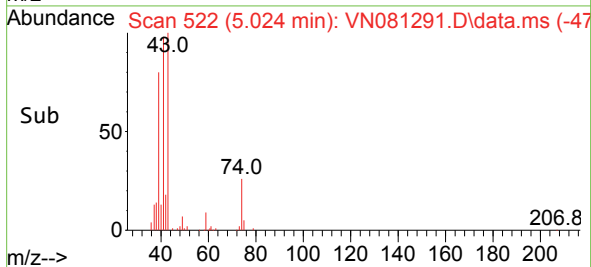
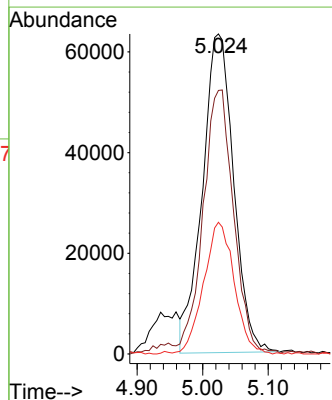
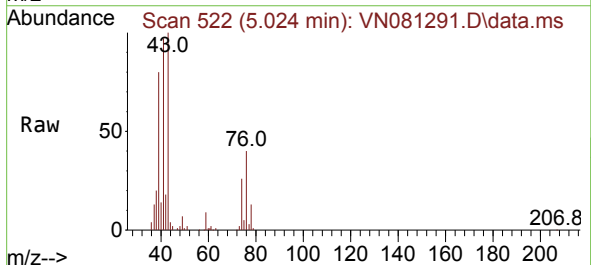
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

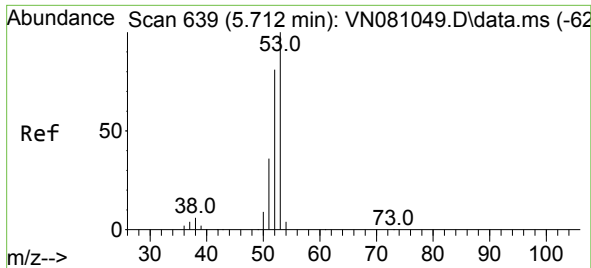
Tgt Ion: 56 Resp: 57440  
Ion Ratio Lower Upper  
56 100  
55 71.2 55.3 82.9



#14  
Allyl chloride  
Concen: 54.318 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 41 Resp: 210253  
Ion Ratio Lower Upper  
41 100  
39 80.3 57.7 86.5  
76 40.3 26.8 40.2#

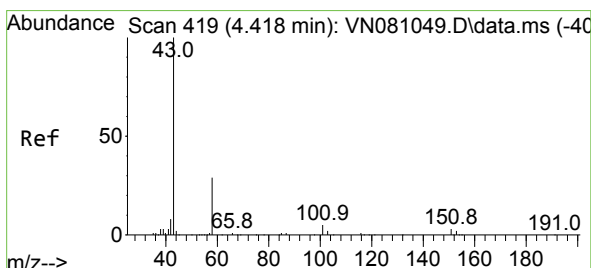
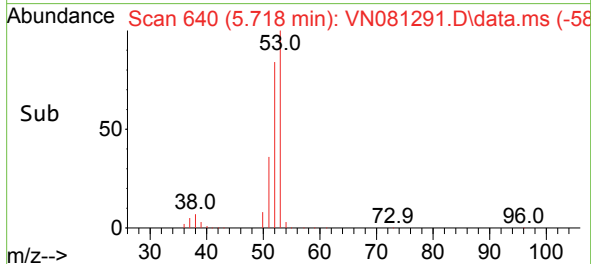
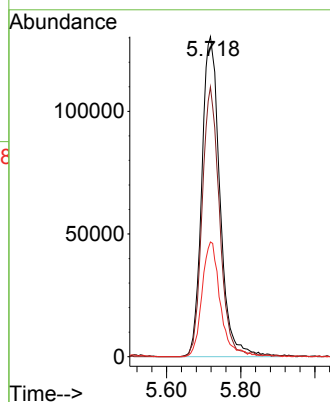
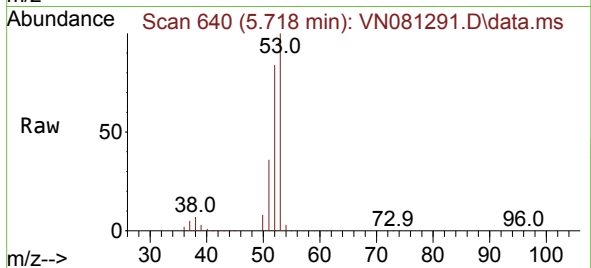




#15  
Acrylonitrile  
Concen: 326.305 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

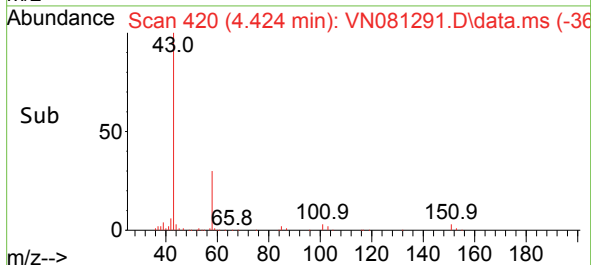
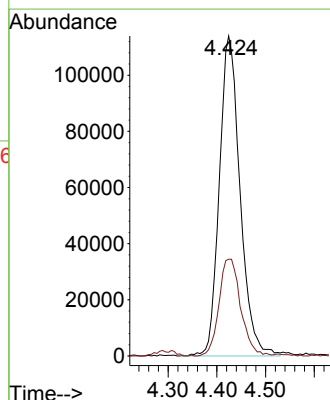
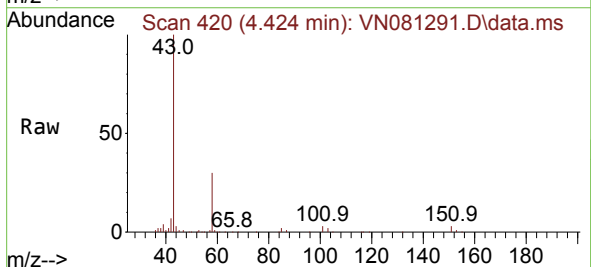
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

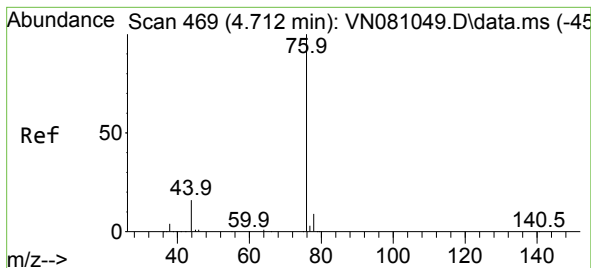
Tgt Ion: 53 Resp: 443145  
Ion Ratio Lower Upper  
53 100  
52 81.0 64.8 97.2  
51 36.3 26.9 40.3



#16  
Acetone  
Concen: 302.926 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 43 Resp: 337031  
Ion Ratio Lower Upper  
43 100  
58 29.7 24.8 37.2





#17

Carbon Disulfide

Concen: 43.920 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

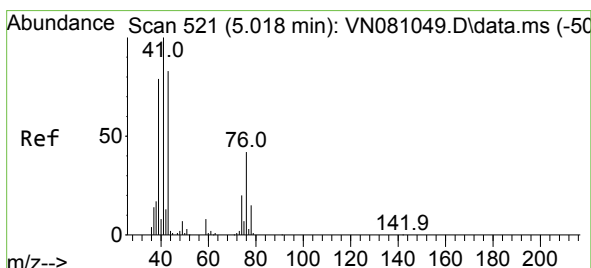
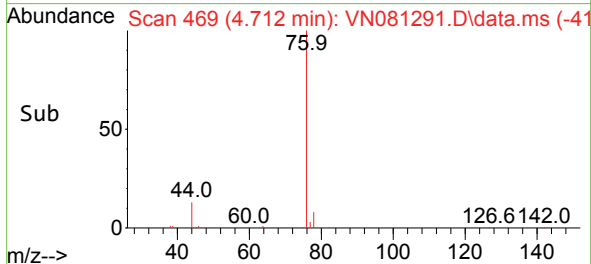
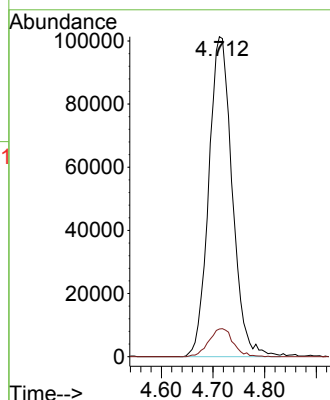
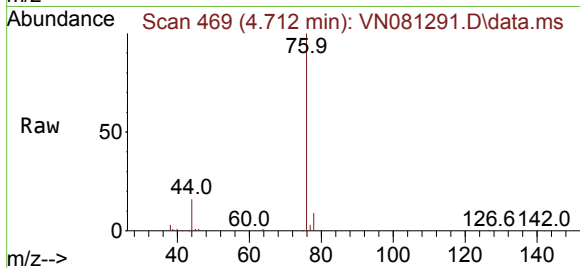
VSTDCCC050EC

Tgt Ion: 76 Resp: 319579

Ion Ratio Lower Upper

76 100

78 8.7 6.3 9.5



#18

Methyl Acetate

Concen: 76.694 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081291.D

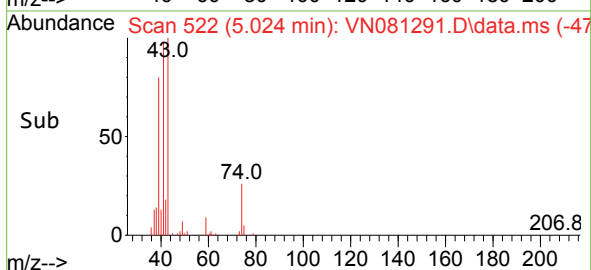
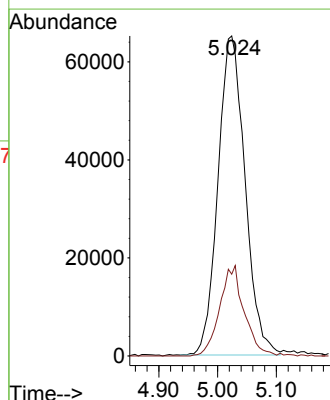
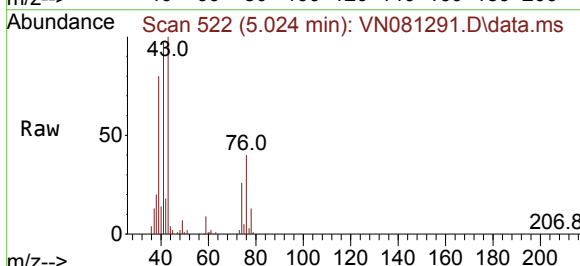
Acq: 01 Mar 2024 17:31

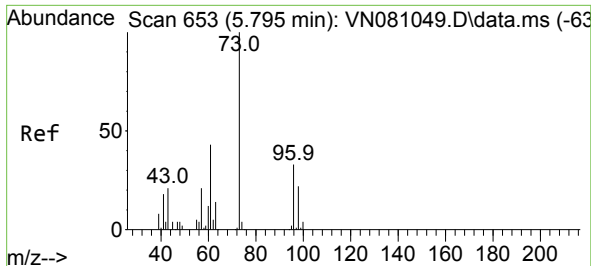
Tgt Ion: 43 Resp: 208154

Ion Ratio Lower Upper

43 100

74 25.5 17.3 25.9

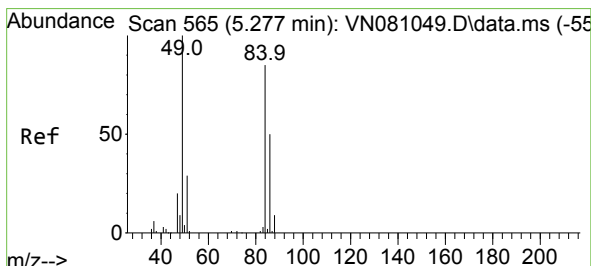
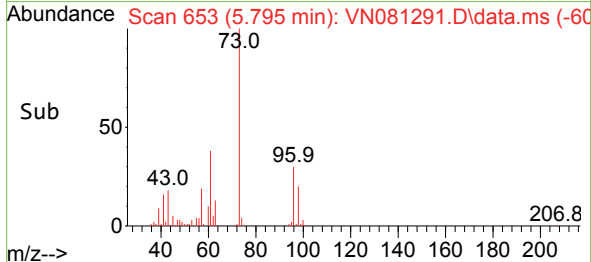
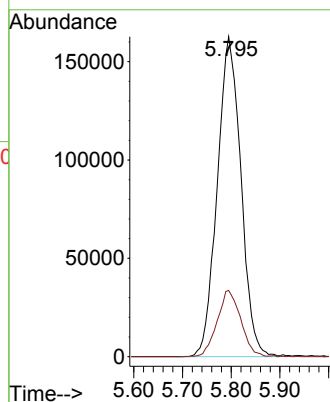
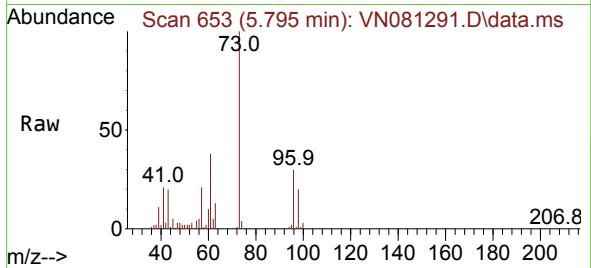




#19  
Methyl tert-butyl Ether  
Concen: 61.449 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

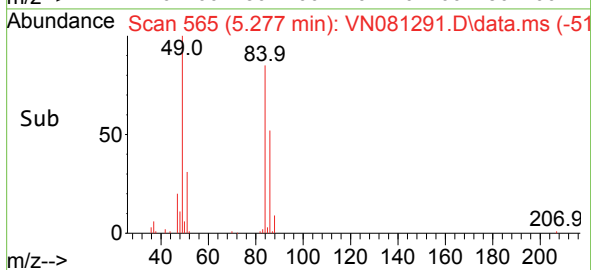
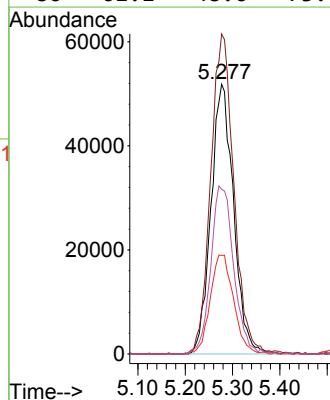
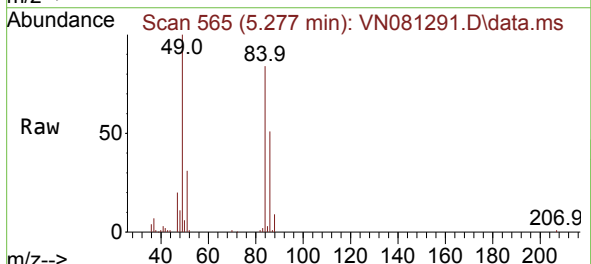
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

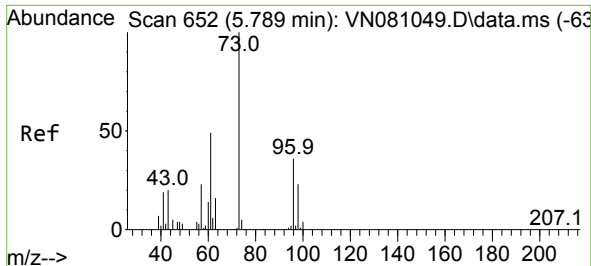
Tgt Ion: 73 Resp: 549044  
Ion Ratio Lower Upper  
73 100  
57 20.7 18.2 27.4



#20  
Methylene Chloride  
Concen: 59.814 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 84 Resp: 171634  
Ion Ratio Lower Upper  
84 100  
49 118.6 108.1 162.1  
51 36.5 32.9 49.3  
86 61.1 48.6 73.0

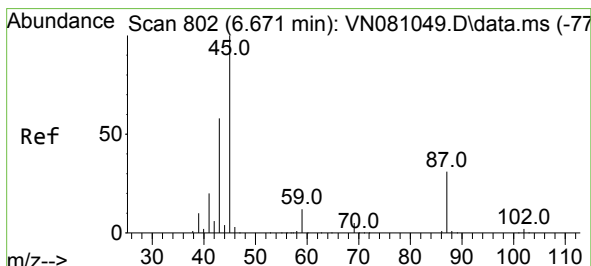
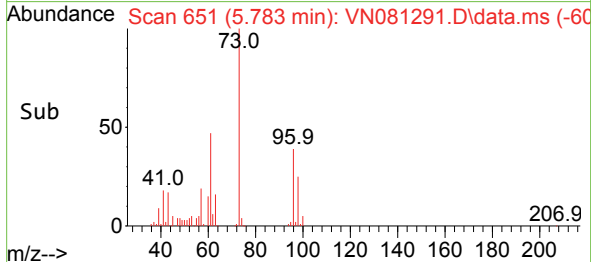
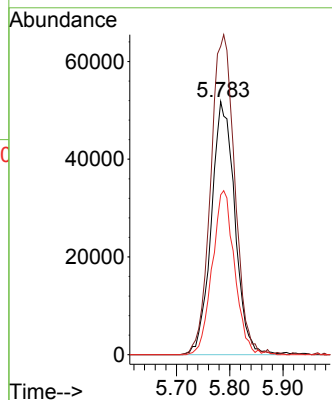
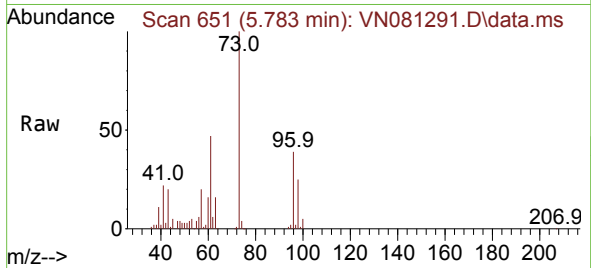




#21  
trans-1,2-Dichloroethene  
Concen: 54.550 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

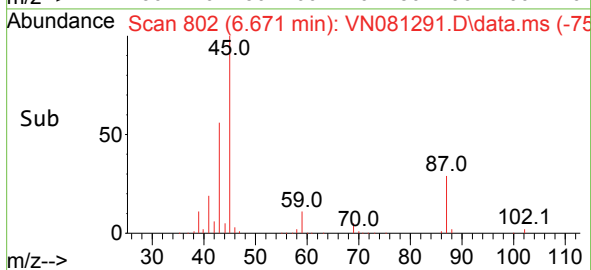
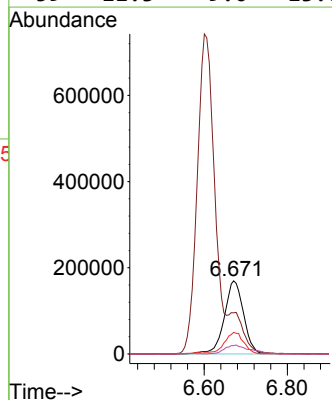
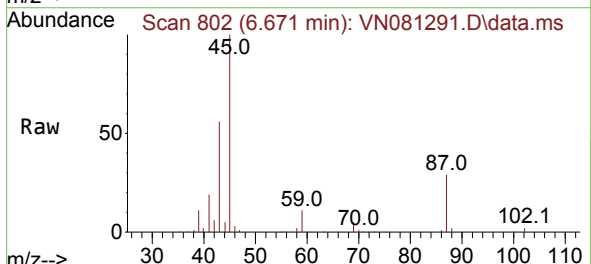
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

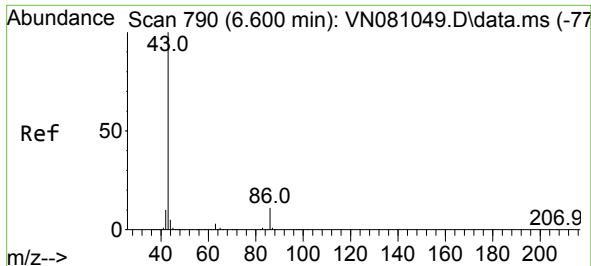
Tgt Ion: 96 Resp: 158772  
Ion Ratio Lower Upper  
96 100  
61 121.8 112.8 169.2  
98 63.1 51.0 76.4



#22  
Diisopropyl ether  
Concen: 62.140 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 45 Resp: 545628  
Ion Ratio Lower Upper  
45 100  
43 55.5 41.8 62.8  
87 29.4 18.1 27.1#  
59 11.3 9.0 13.6

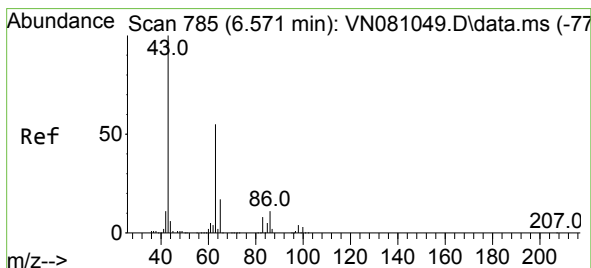
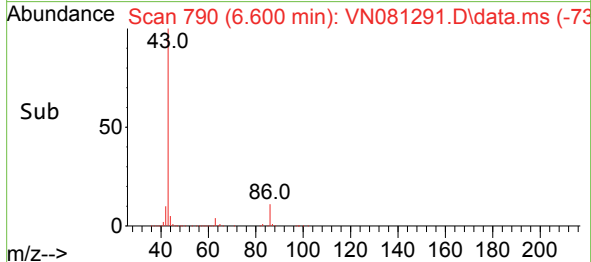
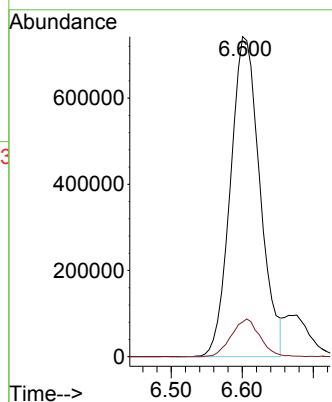
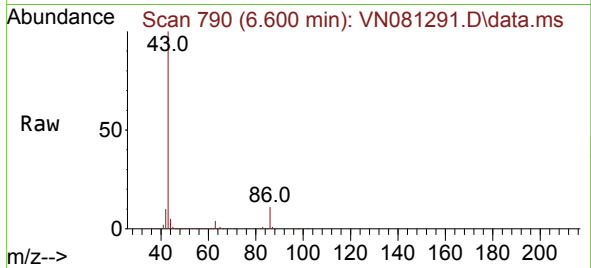




#23  
 Vinyl Acetate  
 Concen: 301.169 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

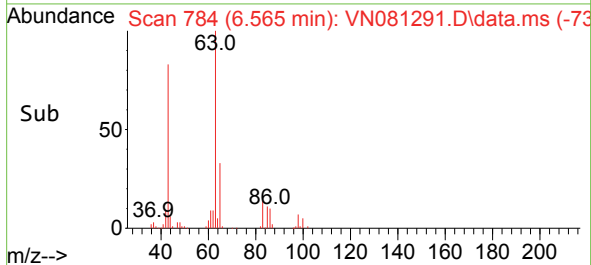
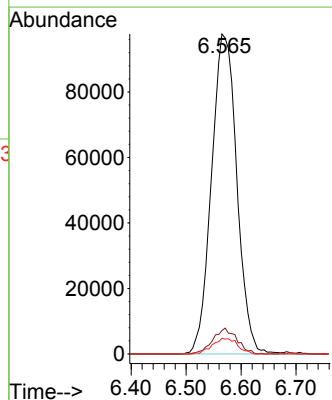
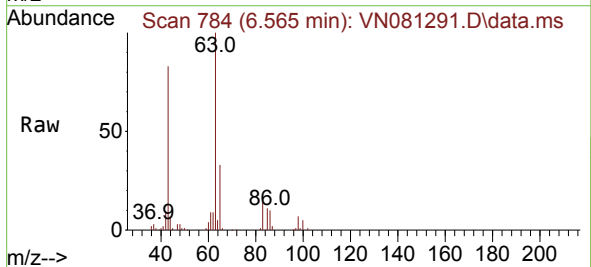
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

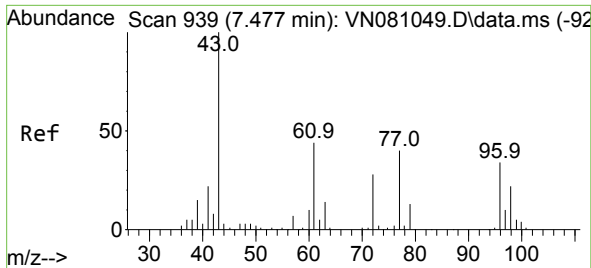
Tgt Ion: 43 Resp: 2145543  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 61.616 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

Tgt Ion: 63 Resp: 312829  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 2.9 8.6  
 100 4.9 1.9 5.7

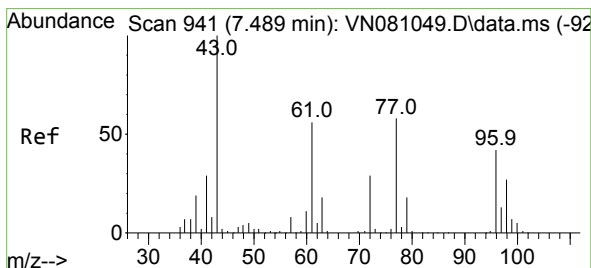
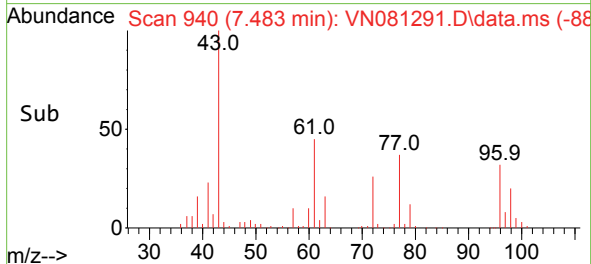
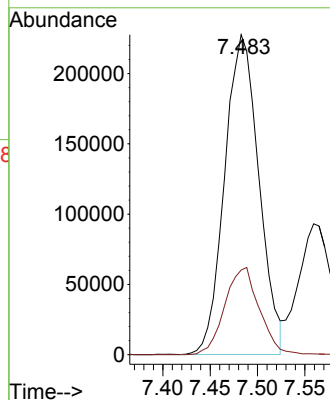
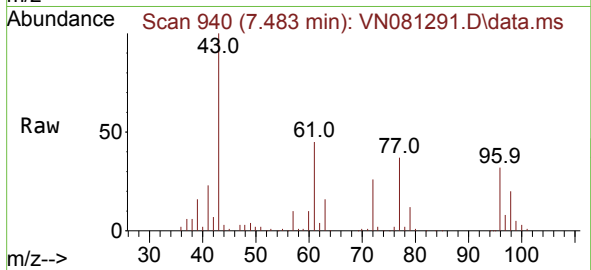




#25  
2-Butanone  
Concen: 318.442 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

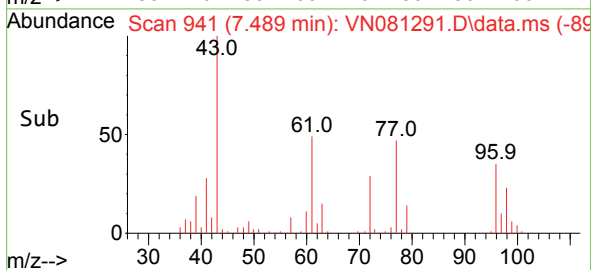
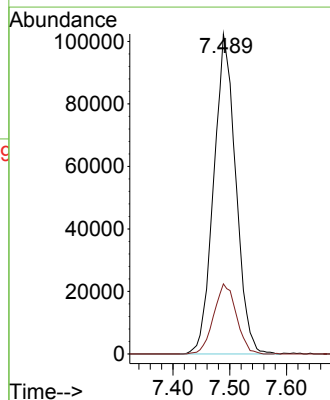
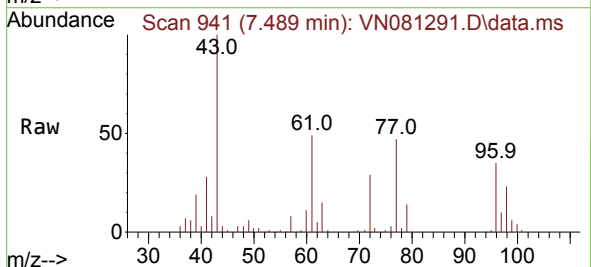
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

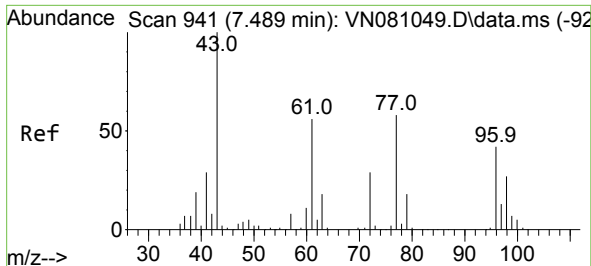
Tgt Ion: 43 Resp: 572371  
Ion Ratio Lower Upper  
43 100  
72 26.5 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 58.043 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 77 Resp: 276119  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.5 34.5



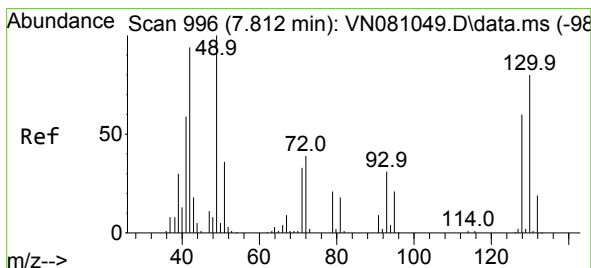
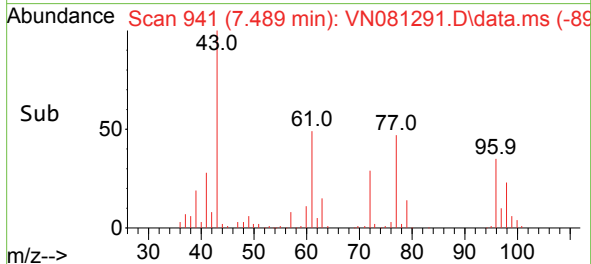
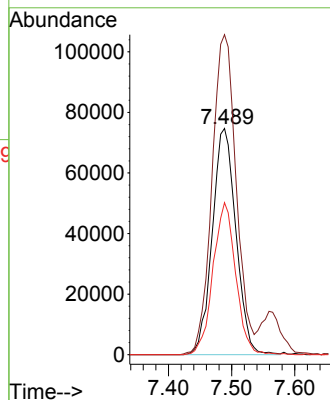
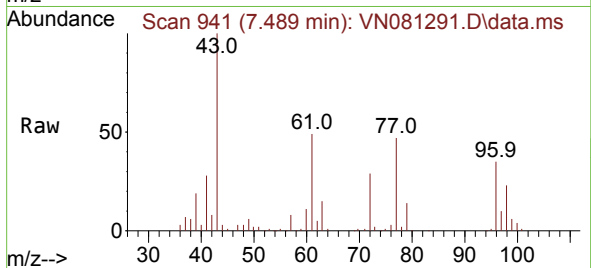


#27  
 cis-1,2-Dichloroethene  
 Concen: 57.475 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 194361  

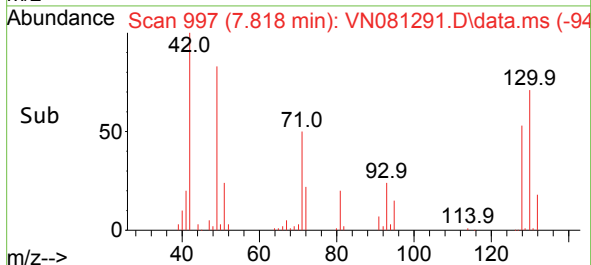
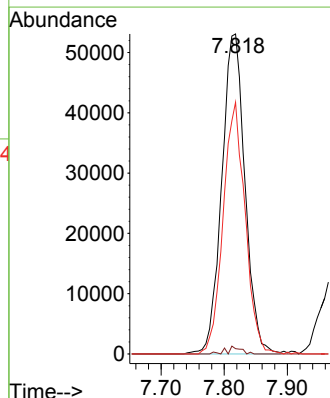
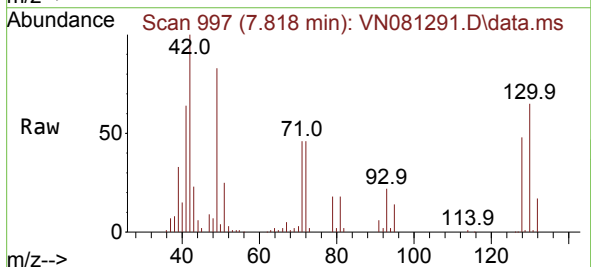
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.8 | 0.0   | 325.4 |
| 98  | 64.5  | 0.0   | 130.4 |

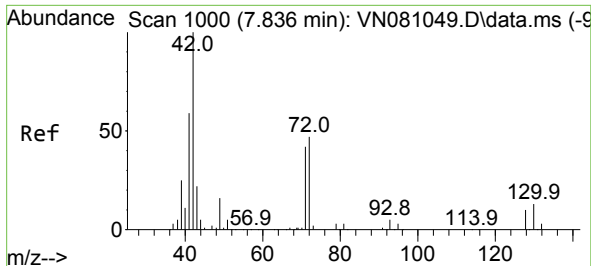


#28  
 Bromochloromethane  
 Concen: 64.421 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

Tgt Ion: 49 Resp: 135595  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.4   | 0.0   | 1.6   |
| 130 | 74.7  | 42.3  | 63.5  |

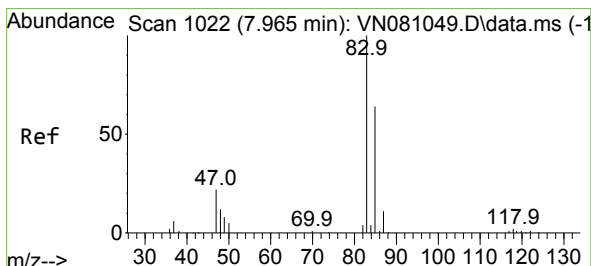
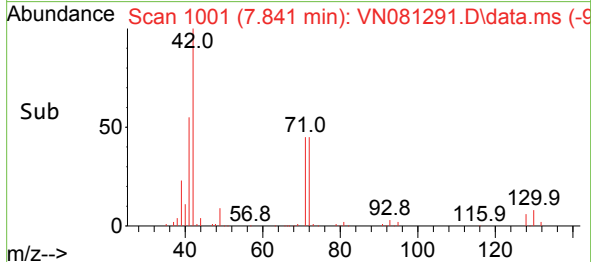
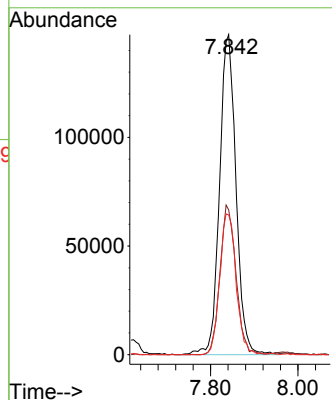
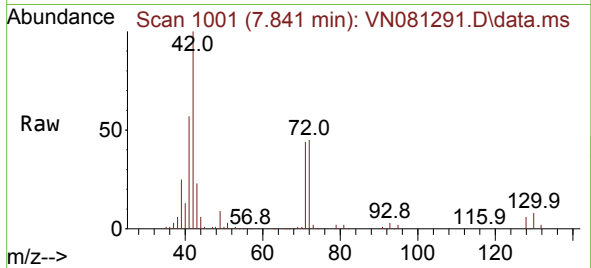




#29  
Tetrahydrofuran  
Concen: 320.088 ug/l  
RT: 7.841 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

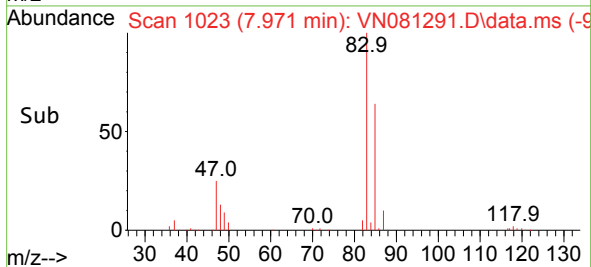
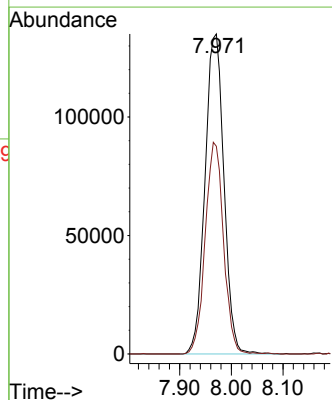
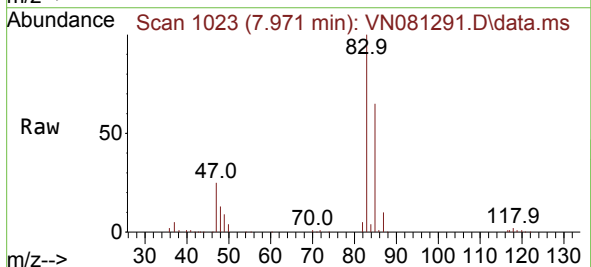
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

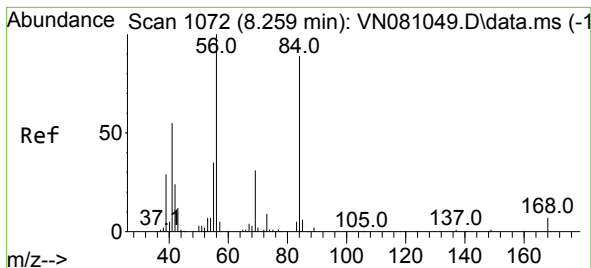
Tgt Ion: 42 Resp: 384060  
Ion Ratio Lower Upper  
42 100  
72 45.3 31.1 46.7  
71 43.7 28.3 42.5#



#30  
Chloroform  
Concen: 63.542 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 83 Resp: 342956  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.0 76.6





#31

Cyclohexane

Concen: 51.905 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

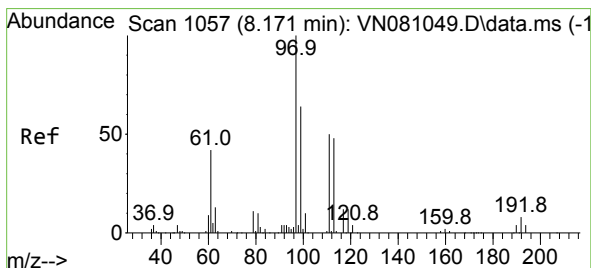
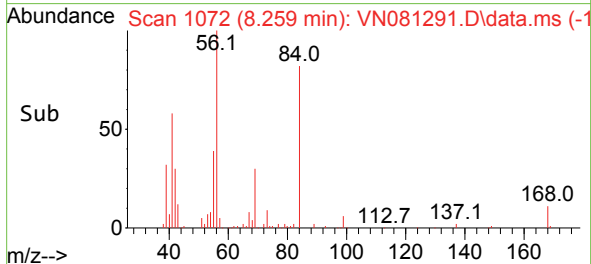
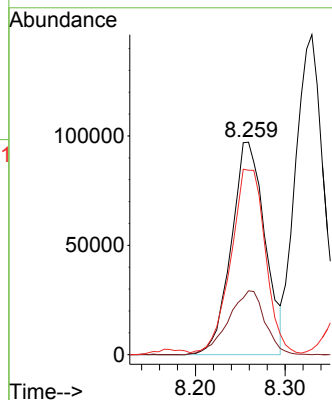
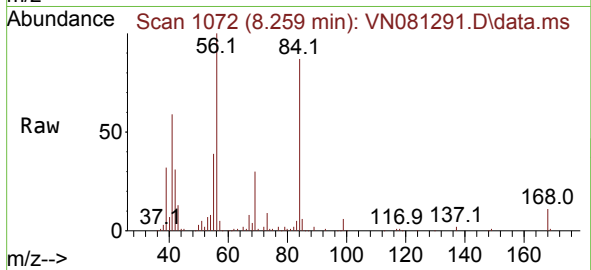
Tgt Ion: 56 Resp: 253415

Ion Ratio Lower Upper

56 100

69 29.4 20.1 30.1

84 84.7 56.9 85.3



#32

1,1,1-Trichloroethane

Concen: 60.986 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

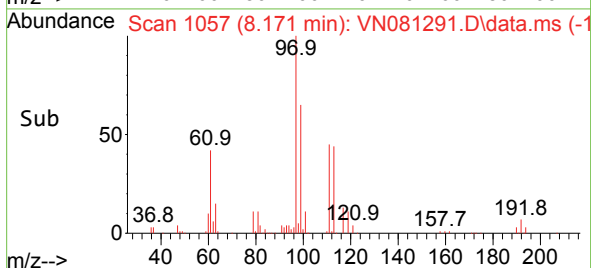
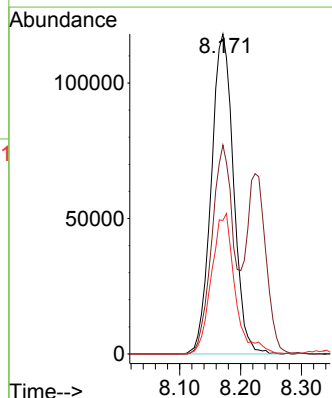
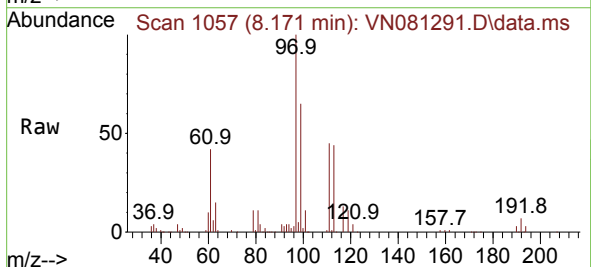
Tgt Ion: 97 Resp: 299778

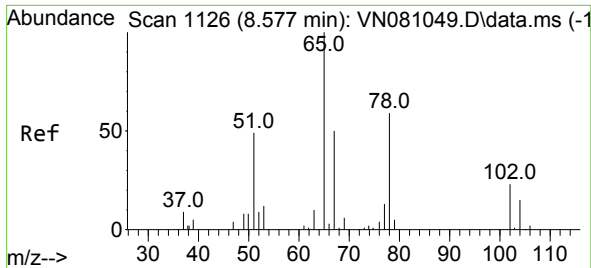
Ion Ratio Lower Upper

97 100

99 64.4 53.4 80.0

61 46.5 43.8 65.8

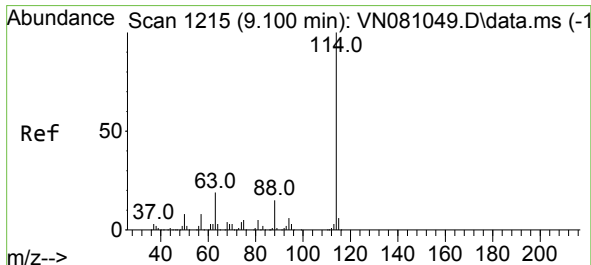
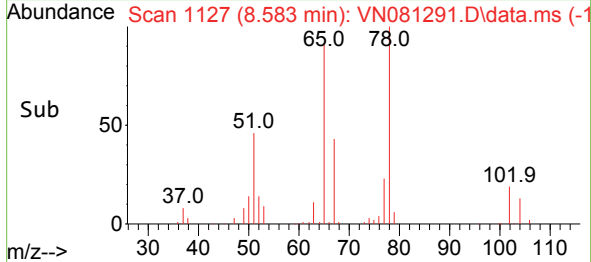
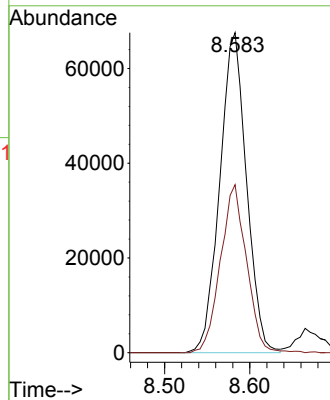
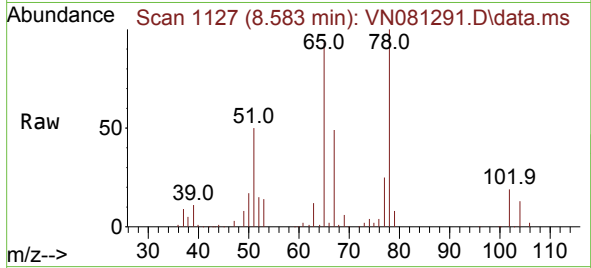




#33  
1,2-Dichloroethane-d4  
Concen: 52.070 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

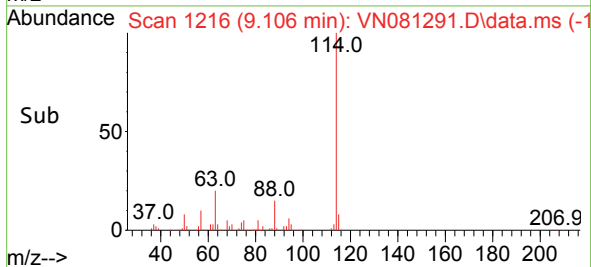
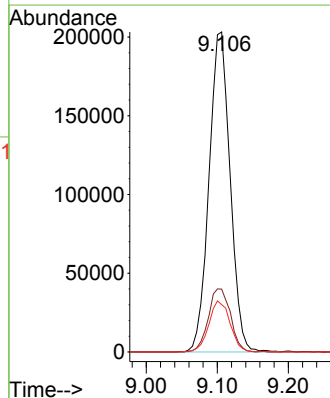
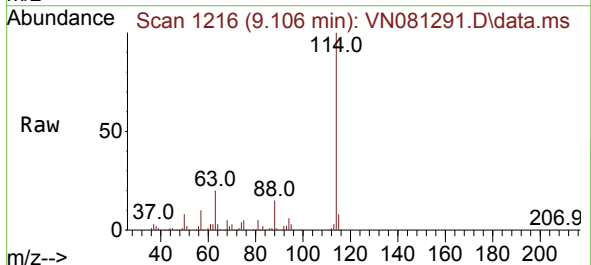
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

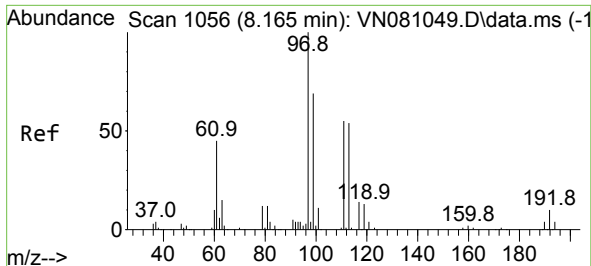
Tgt Ion: 65 Resp: 147230  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:114 Resp: 419099  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 48.0  
88 14.8 0.0 34.8

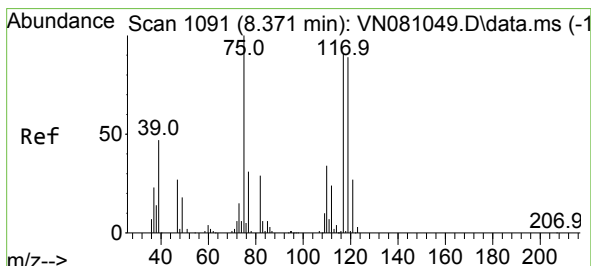
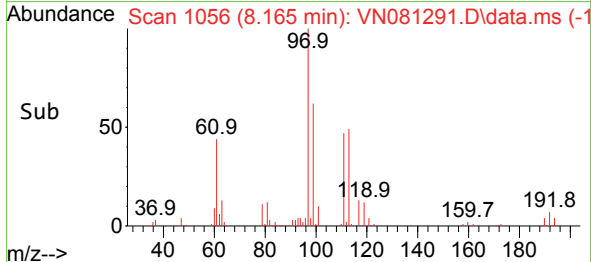
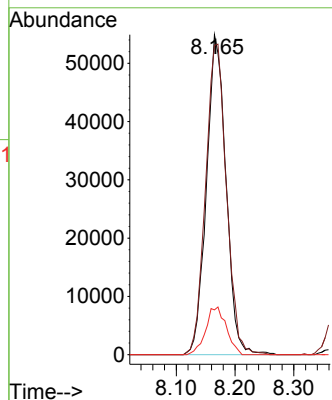
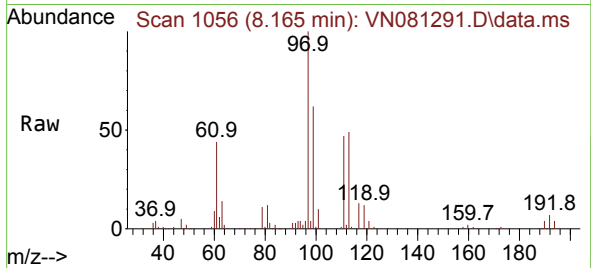




#35  
Dibromofluoromethane  
Concen: 53.600 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

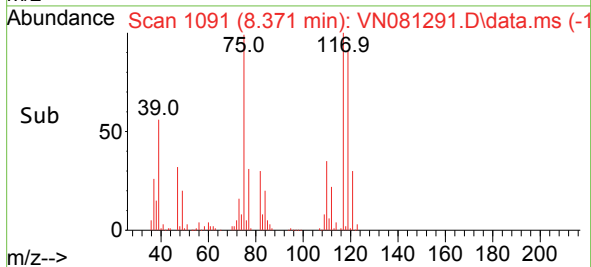
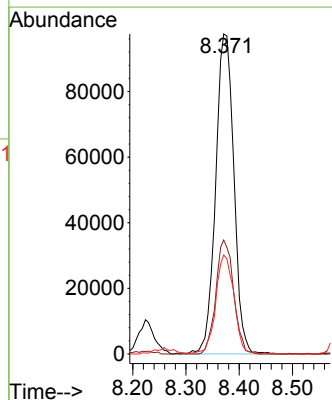
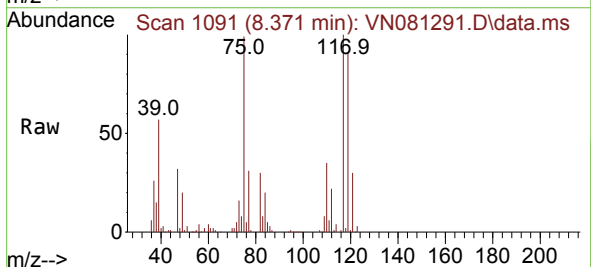
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

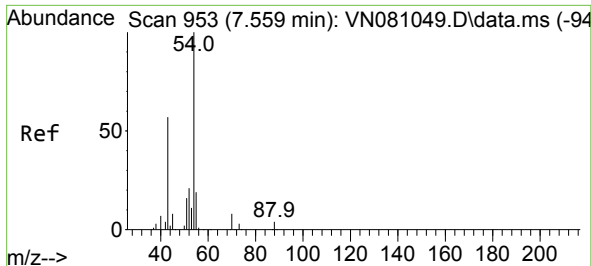
Tgt Ion:113 Resp: 127026  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.4  
192 15.7 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 57.154 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 75 Resp: 232051  
Ion Ratio Lower Upper  
75 100  
110 34.7 16.0 48.0  
77 30.8 25.8 38.6





#37

Ethyl Acetate

Concen: 65.620 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

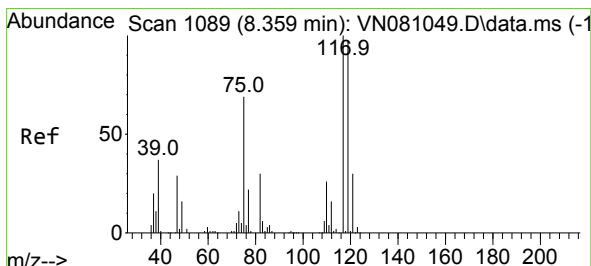
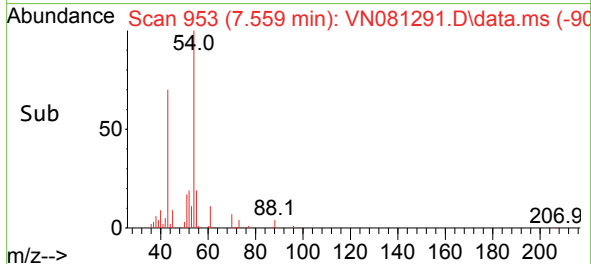
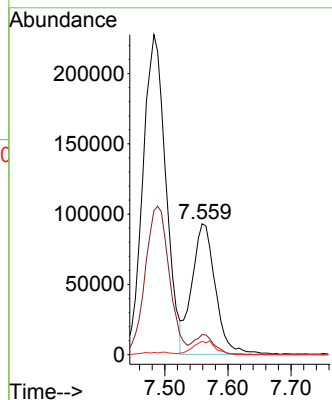
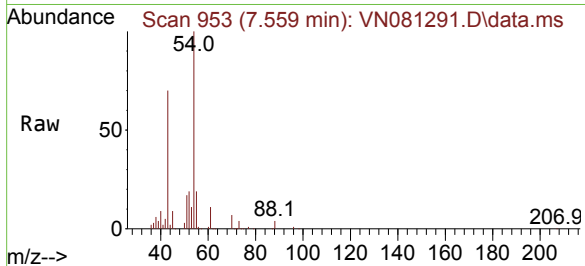
Tgt Ion: 43 Resp: 240452

Ion Ratio Lower Upper

43 100

61 13.7 10.6 15.8

70 10.1 8.0 12.0



#38

Carbon Tetrachloride

Concen: 62.051 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

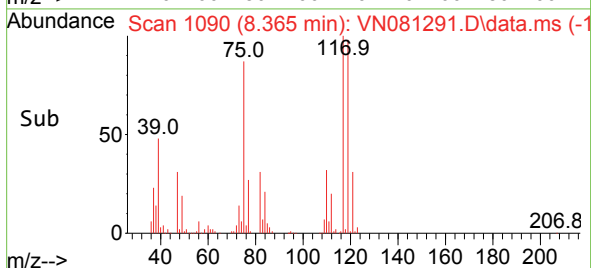
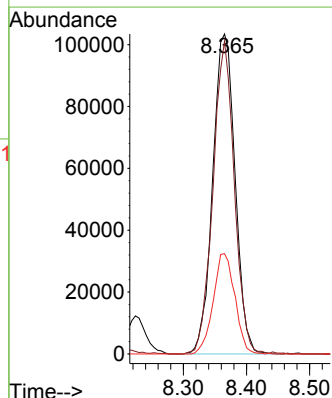
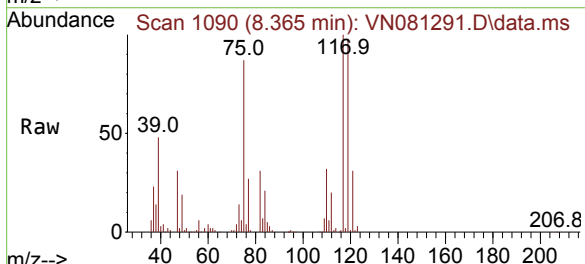
Tgt Ion: 117 Resp: 254887

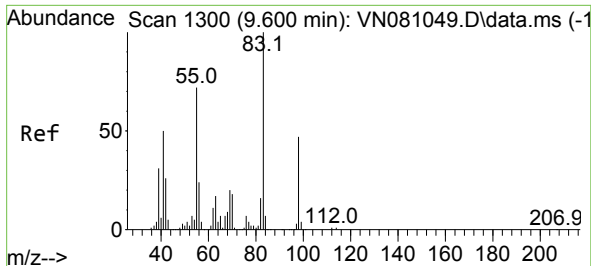
Ion Ratio Lower Upper

117 100

119 97.7 73.4 110.2

121 31.3 24.4 36.6

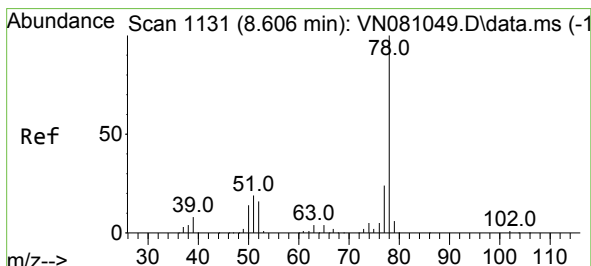
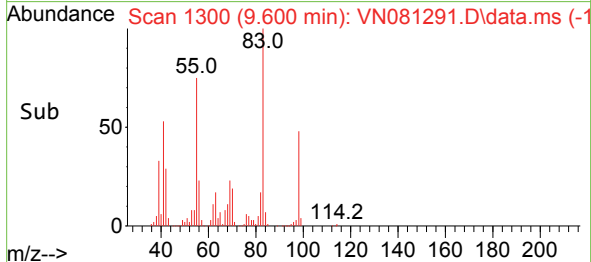
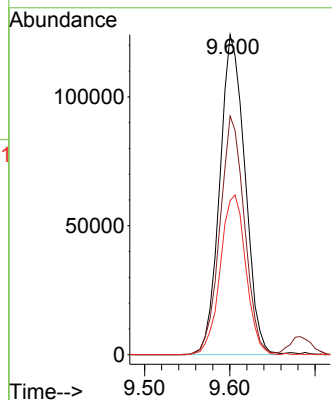
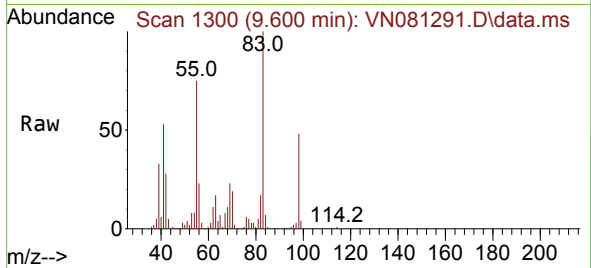




#39  
Methylcyclohexane  
Concen: 53.881 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

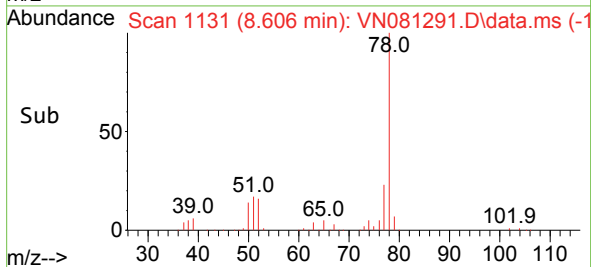
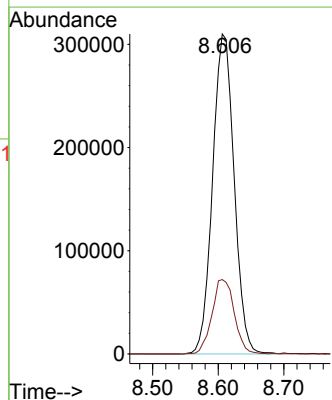
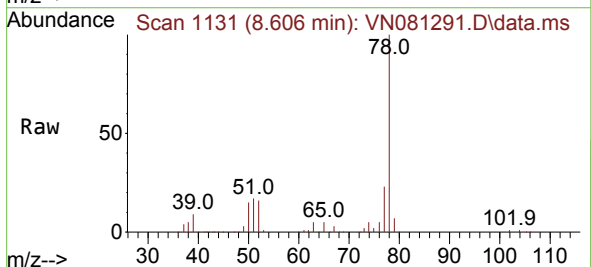
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

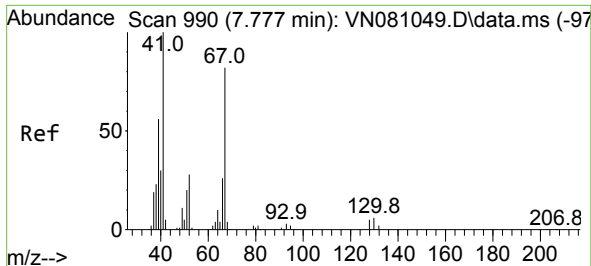
Tgt Ion: 83 Resp: 255016  
Ion Ratio Lower Upper  
83 100  
55 74.5 65.7 98.5  
98 48.1 33.8 50.6



#40  
Benzene  
Concen: 60.110 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 78 Resp: 706410  
Ion Ratio Lower Upper  
78 100  
77 23.3 20.4 30.6

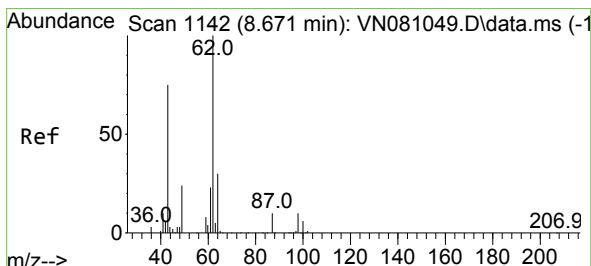
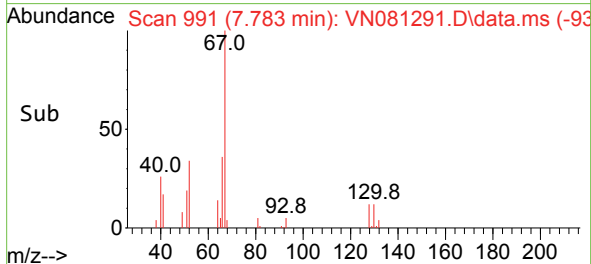
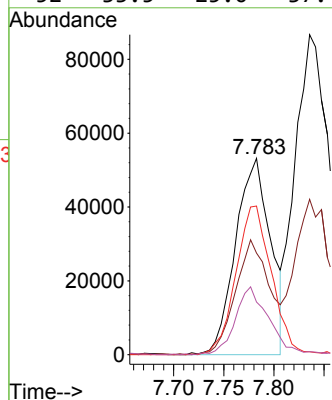
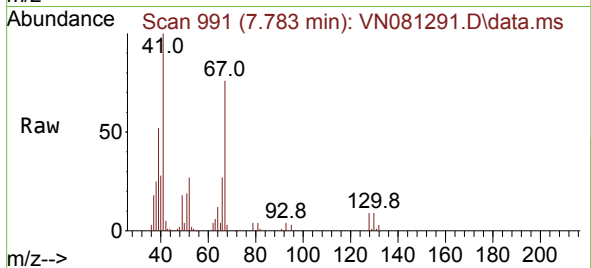




#41  
Methacrylonitrile  
Concen: 61.936 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

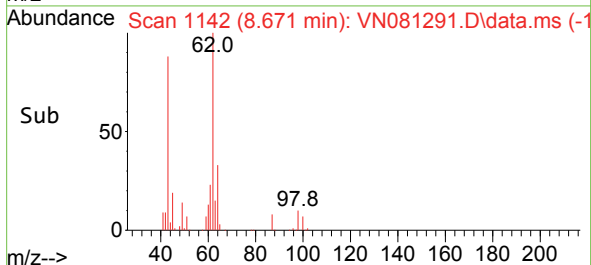
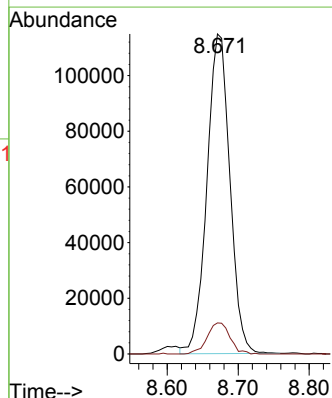
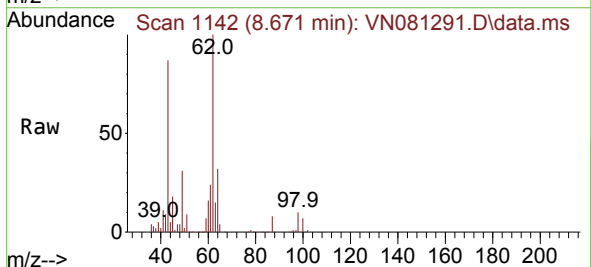
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

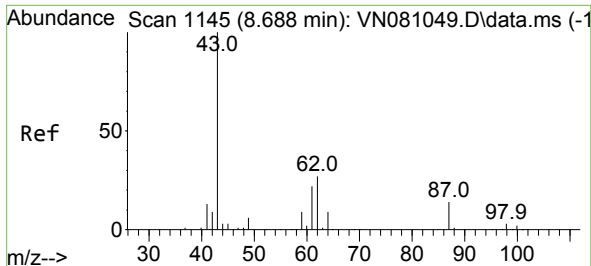
|             |              |
|-------------|--------------|
| Tgt Ion: 41 | Resp: 129162 |
| Ion Ratio   | Lower Upper  |
| 41 100      |              |
| 39 57.5     | 48.4 72.6    |
| 67 77.4     | 56.8 85.2    |
| 52 33.5     | 25.0 37.4    |



#42  
1,2-Dichloroethane  
Concen: 62.821 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 257570 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.7      | 0.0 18.0     |

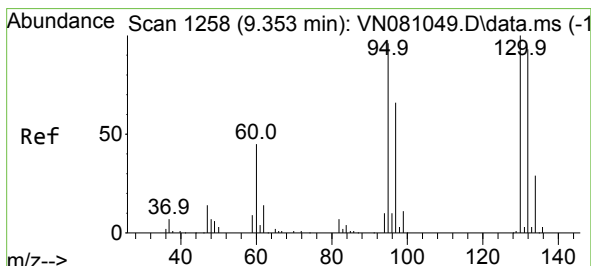
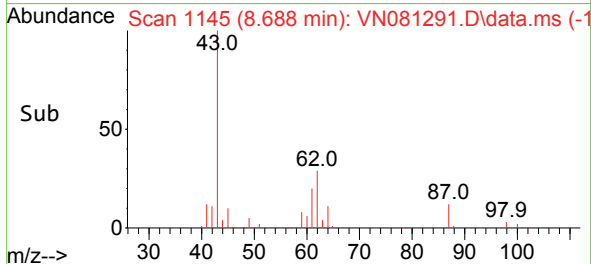
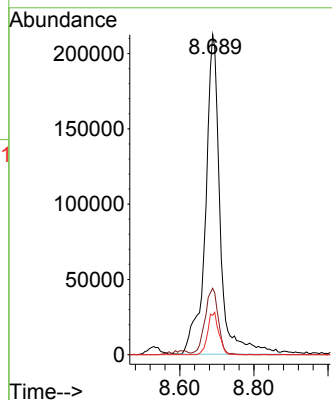
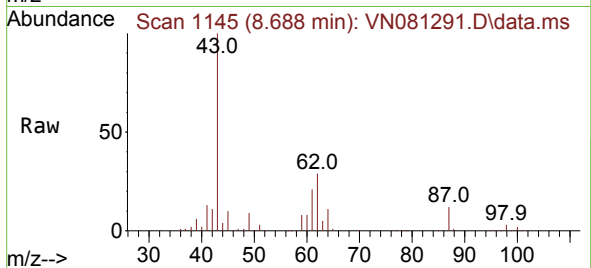




#43  
Isopropyl Acetate  
Concen: 91.190 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

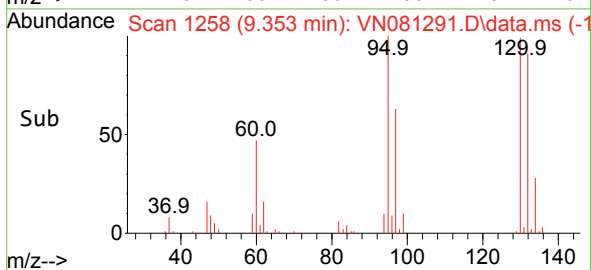
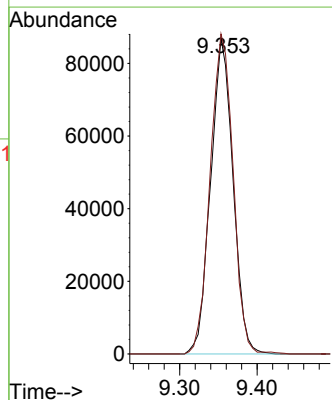
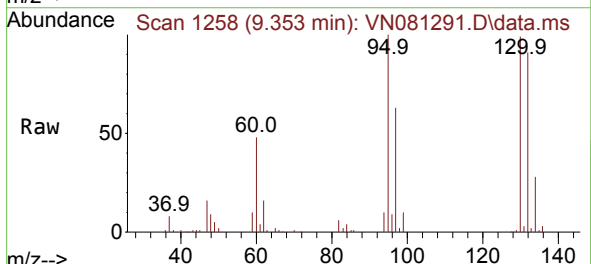
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

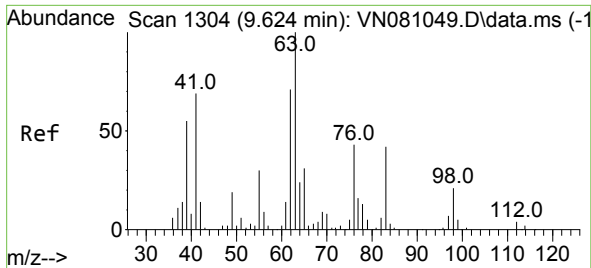
Tgt Ion: 43 Resp: 584402  
Ion Ratio Lower Upper  
43 100  
61 18.8 19.9 29.9#  
87 10.0 9.0 13.6



#44  
Trichloroethene  
Concen: 55.631 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:130 Resp: 174127  
Ion Ratio Lower Upper  
130 100  
95 101.4 0.0 210.4

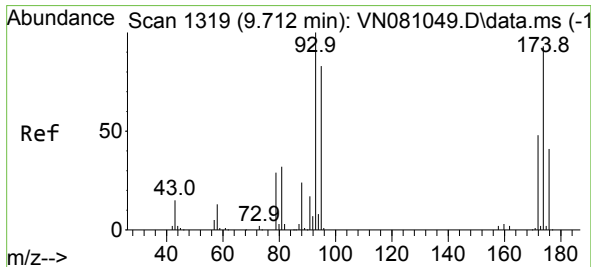
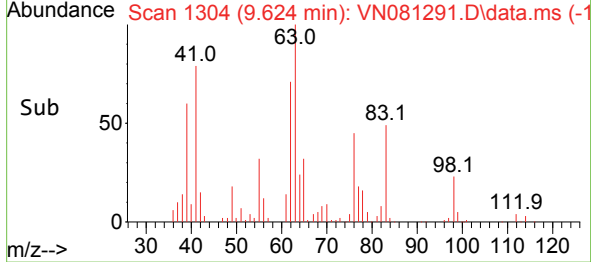
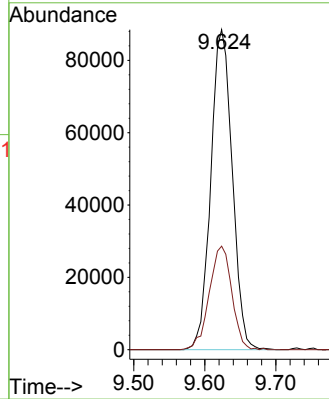
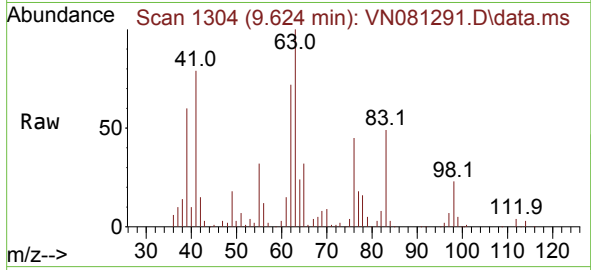




#45  
1,2-Dichloropropane  
Concen: 63.061 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

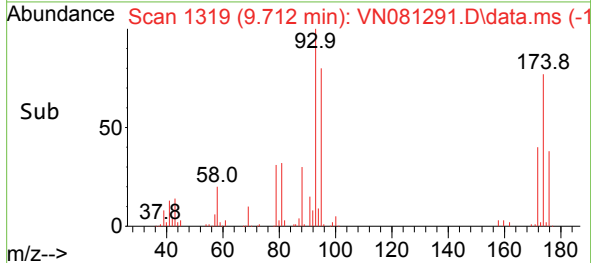
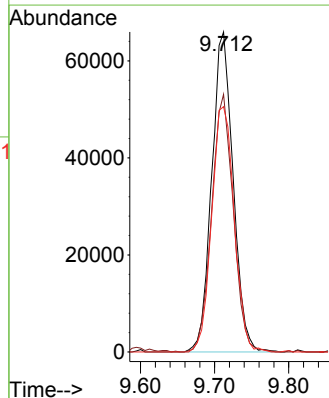
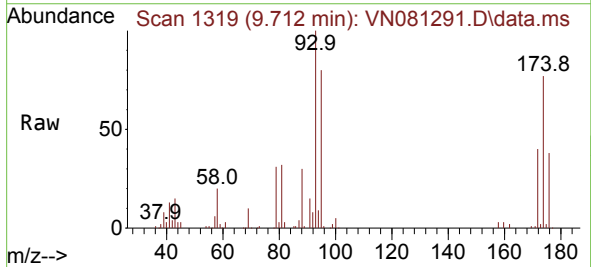
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

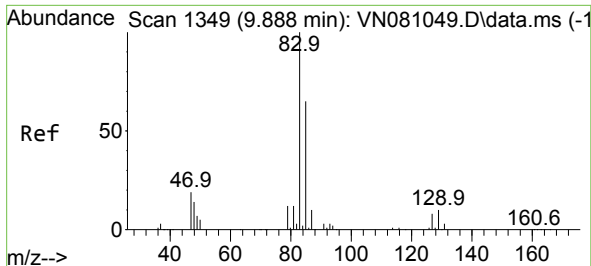
Tgt Ion: 63 Resp: 185379  
Ion Ratio Lower Upper  
63 100  
65 32.4 26.1 39.1



#46  
Dibromomethane  
Concen: 61.737 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 93 Resp: 132233  
Ion Ratio Lower Upper  
93 100  
95 81.3 68.1 102.1  
174 80.9 57.2 85.8

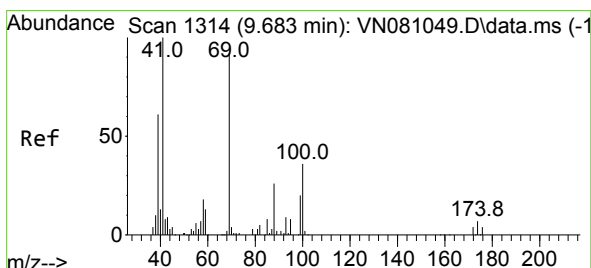
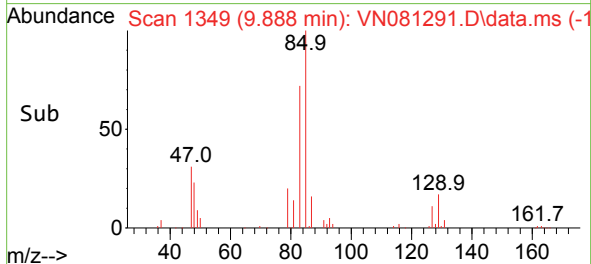
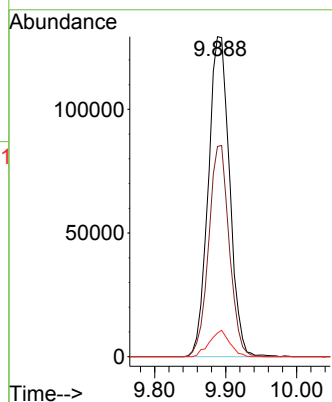
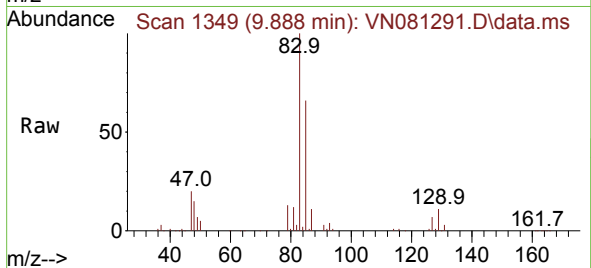




#47  
Bromodichloromethane  
Concen: 66.327 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

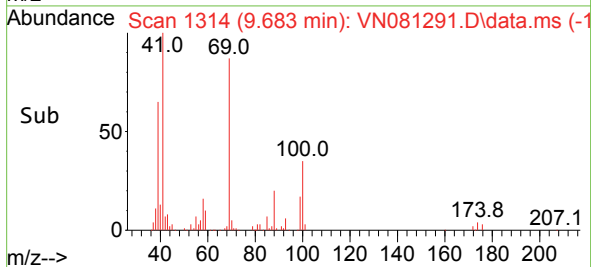
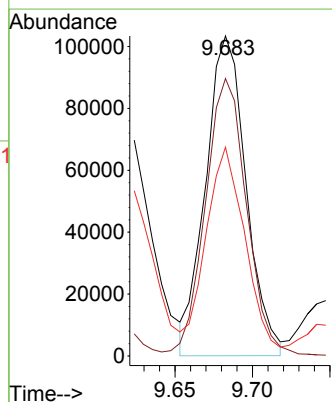
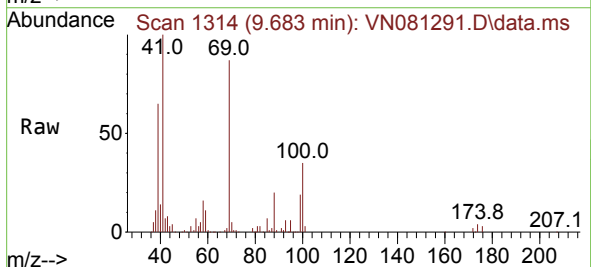
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

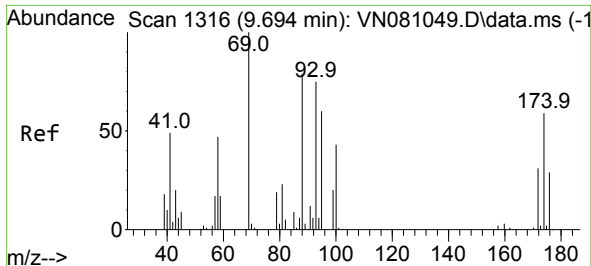
Tgt Ion: 83 Resp: 269063  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.3 78.5  
127 7.4 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 62.913 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 41 Resp: 187605  
Ion Ratio Lower Upper  
41 100  
69 88.8 62.2 93.2  
39 64.0 47.6 71.4





#49

1,4-Dioxane

Concen: 1429.109 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

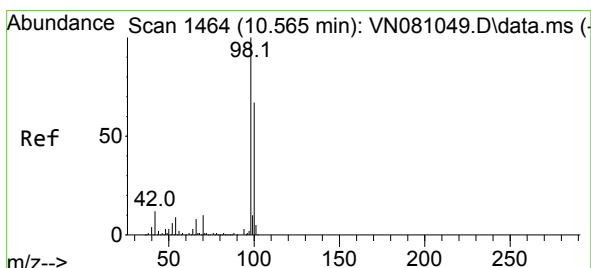
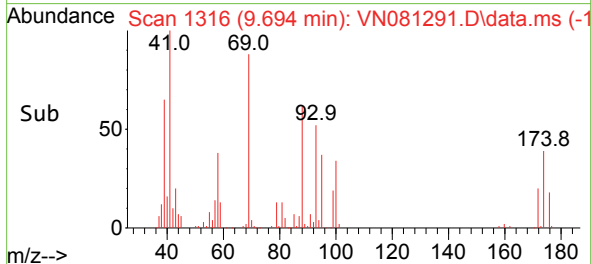
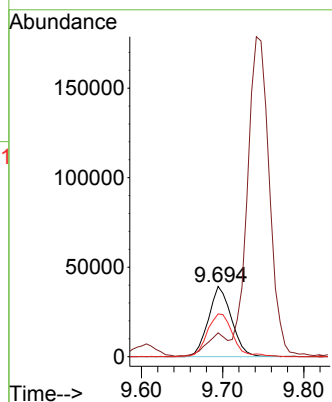
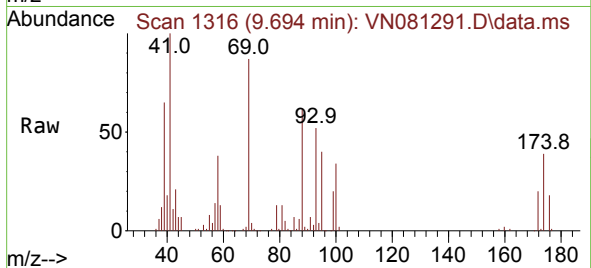
Tgt Ion: 88 Resp: 77481

Ion Ratio Lower Upper

88 100

43 28.5 30.1 45.1#

58 67.9 63.9 95.9



#50

Toluene-d8

Concen: 46.432 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081291.D

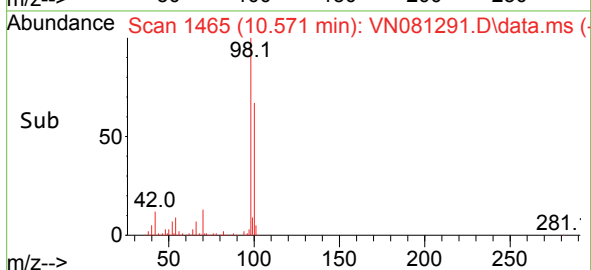
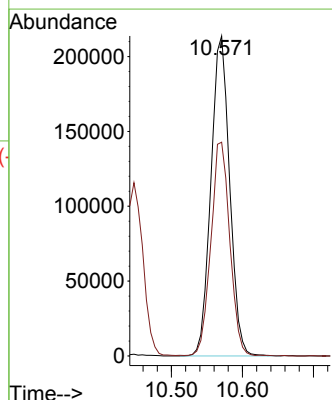
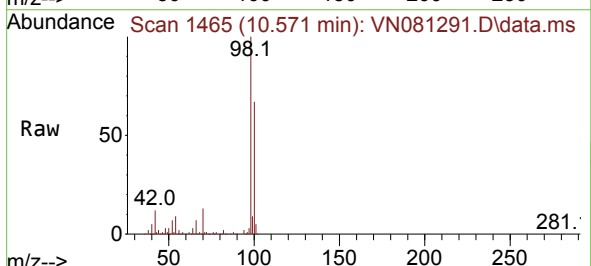
Acq: 01 Mar 2024 17:31

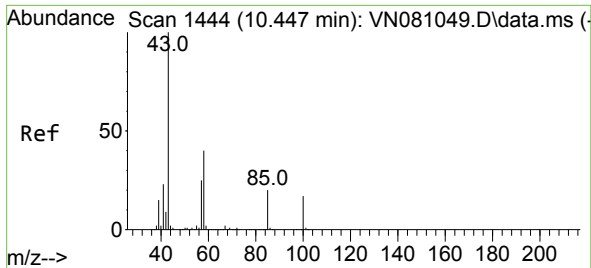
Tgt Ion: 98 Resp: 390829

Ion Ratio Lower Upper

98 100

100 67.6 51.4 77.0

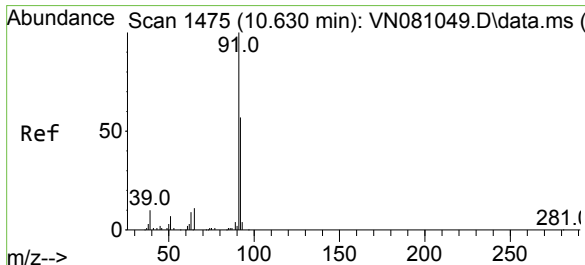
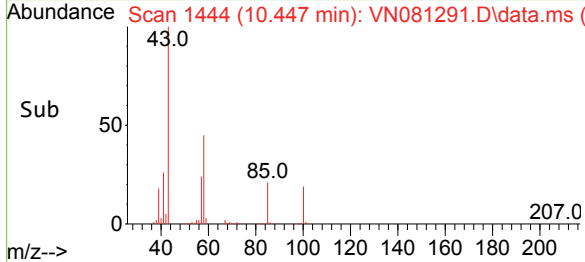
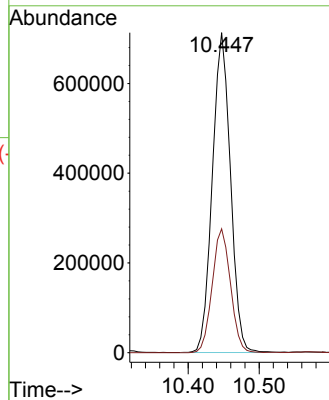
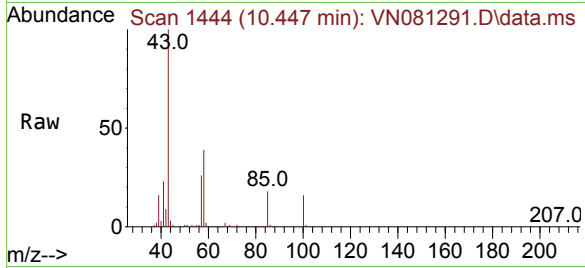




#51  
4-Methyl-2-Pentanone  
Concen: 341.807 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

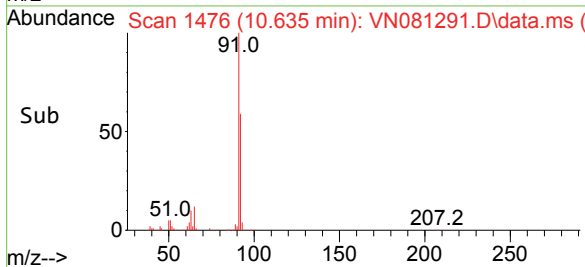
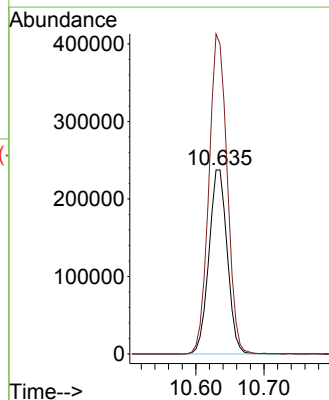
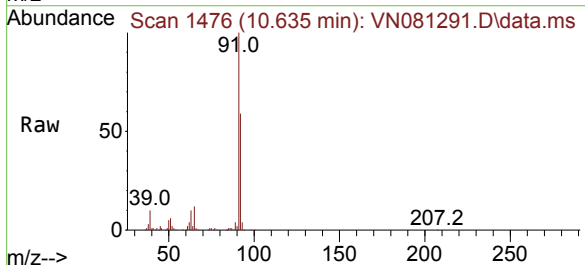
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

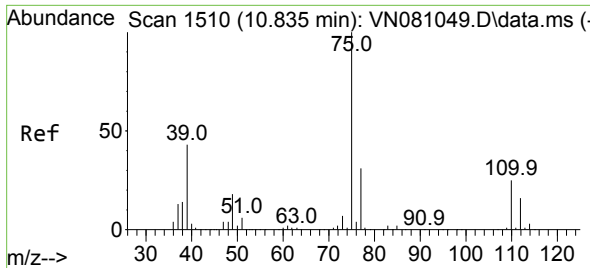
Tgt Ion: 43 Resp: 1260088  
Ion Ratio Lower Upper  
43 100  
58 39.1 29.4 44.0



#52  
Toluene  
Concen: 59.662 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 92 Resp: 443876  
Ion Ratio Lower Upper  
92 100  
91 173.2 139.4 209.0

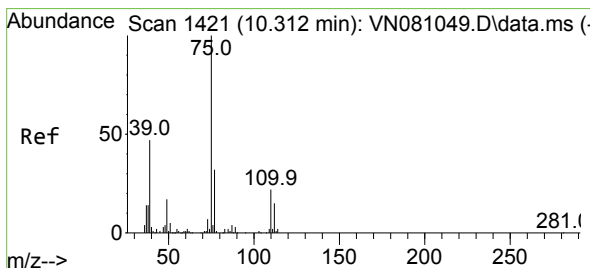
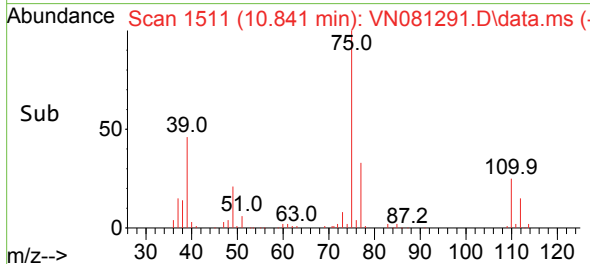
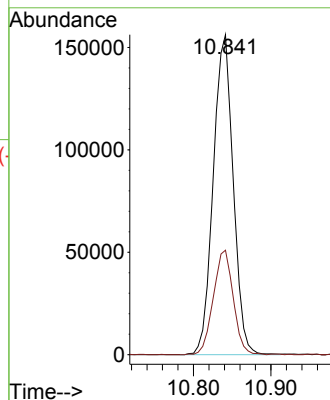
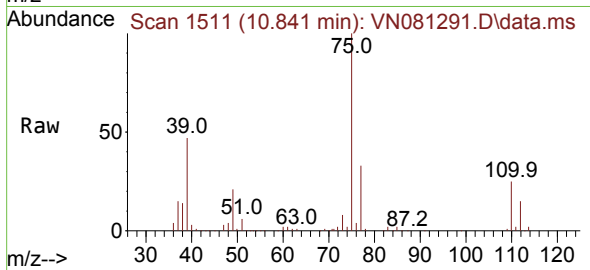




#53  
t-1,3-Dichloropropene  
Concen: 61.957 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

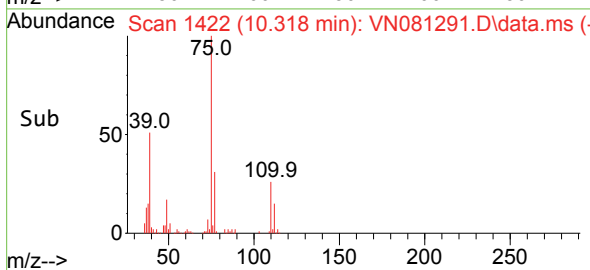
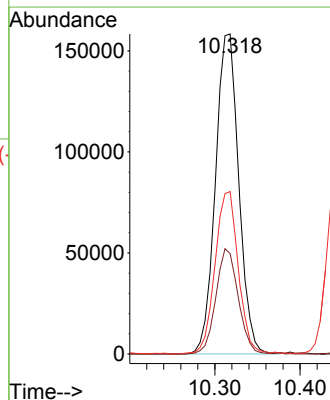
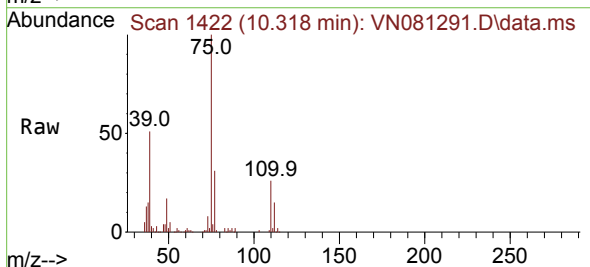
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

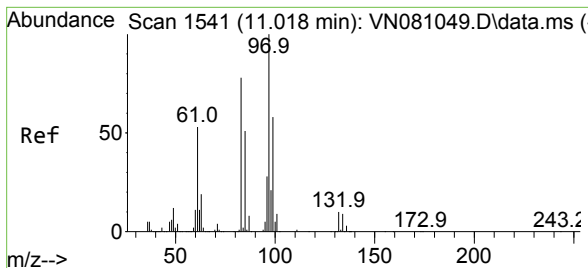
Tgt Ion: 75 Resp: 279299  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 61.889 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 75 Resp: 301430  
Ion Ratio Lower Upper  
75 100  
77 31.4 23.3 34.9  
39 50.8 44.6 66.8

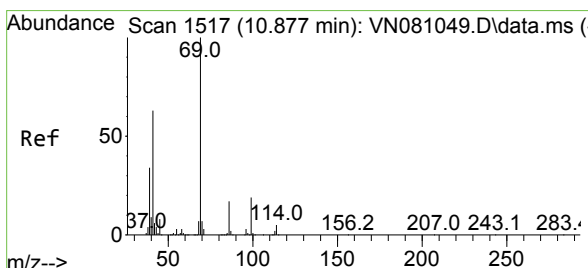
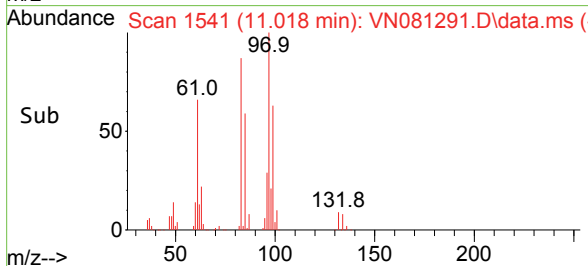
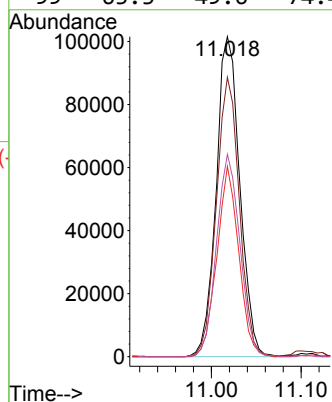
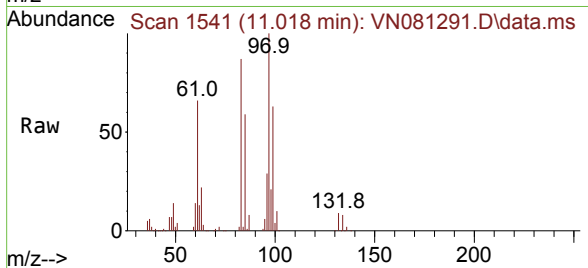




#55  
 1,1,2-Trichloroethane  
 Concen: 65.064 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. 0.000 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

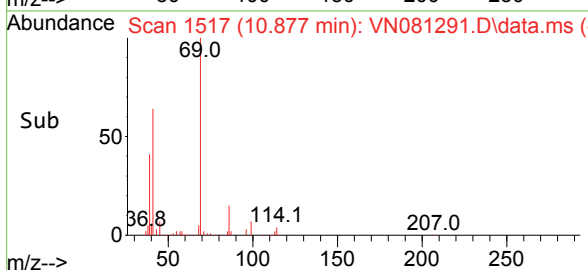
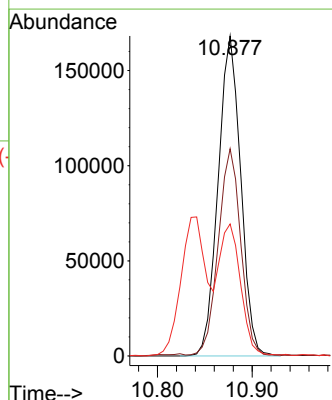
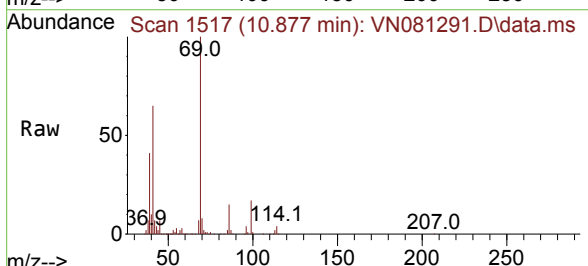
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

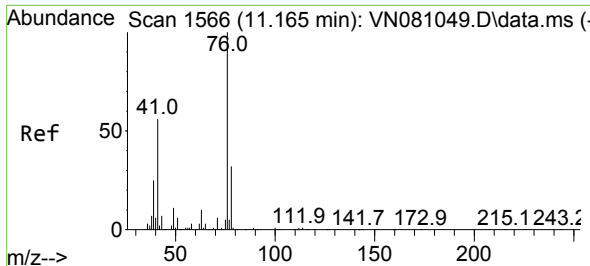
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 186181 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.3  | 72.9  | 109.3  |
| 85       | 59.5  | 50.2  | 75.2   |
| 99       | 63.3  | 49.6  | 74.4   |



#56  
 Ethyl methacrylate  
 Concen: 63.694 ug/l  
 RT: 10.877 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN081291.D  
 Acq: 01 Mar 2024 17:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 278551 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.1  | 61.0  | 91.6   |
| 39       | 38.6  | 31.8  | 47.6   |

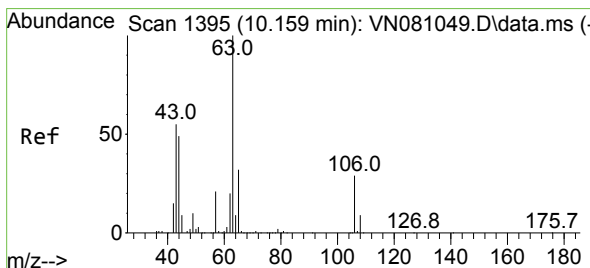
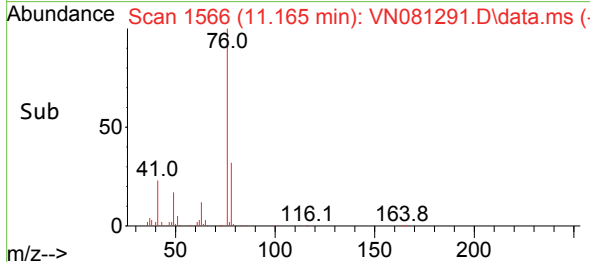
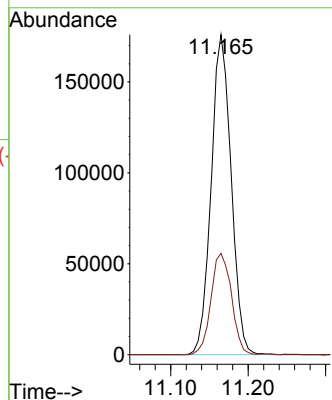
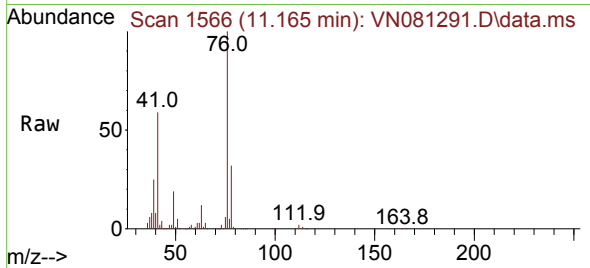




#57  
1,3-Dichloropropane  
Concen: 63.720 ug/l  
RT: 11.165 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

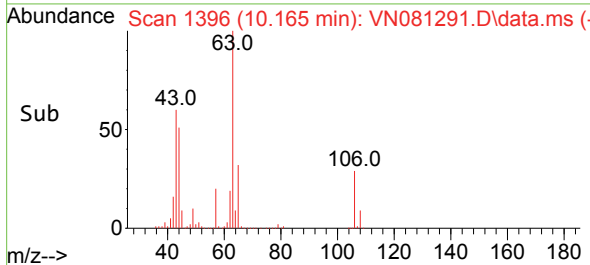
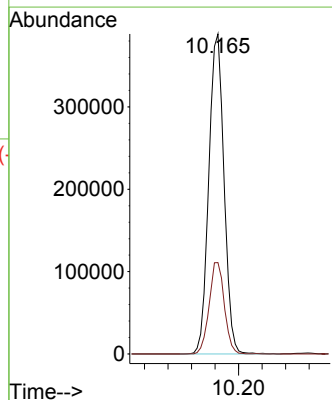
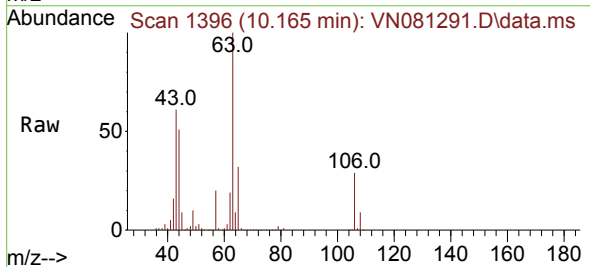
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

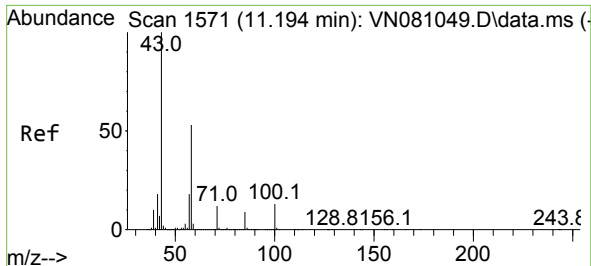
Tgt Ion: 76 Resp: 315272  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 317.786 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 63 Resp: 697315  
Ion Ratio Lower Upper  
63 100  
106 28.5 18.6 28.0#

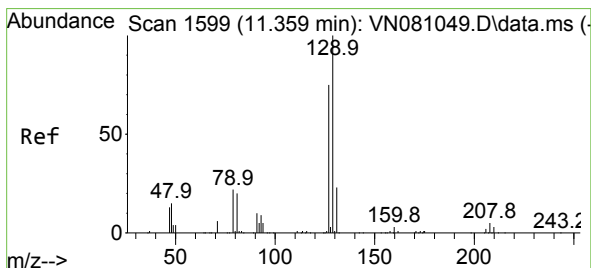
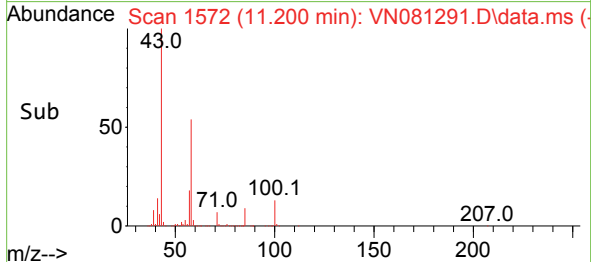
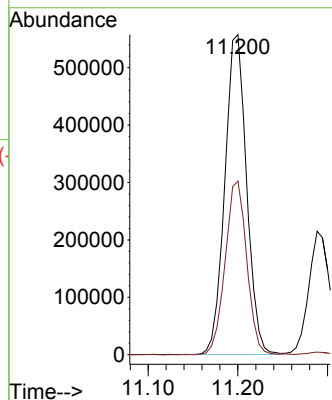
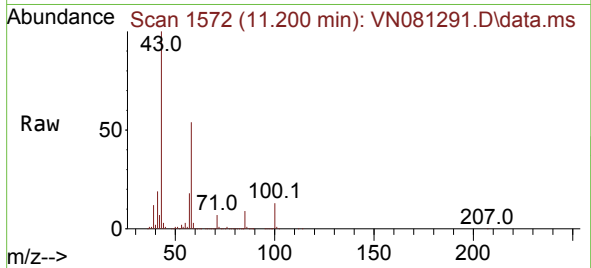




#59  
2-Hexanone  
Concen: 321.243 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

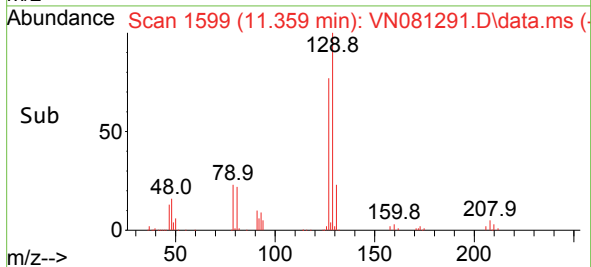
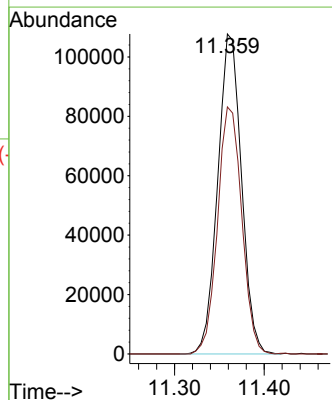
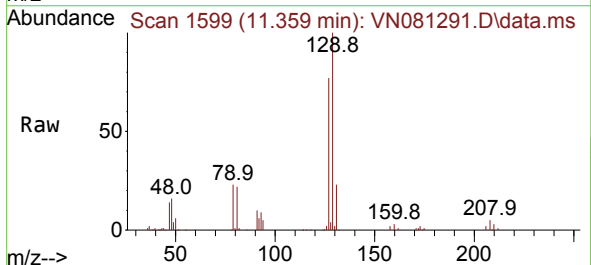
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

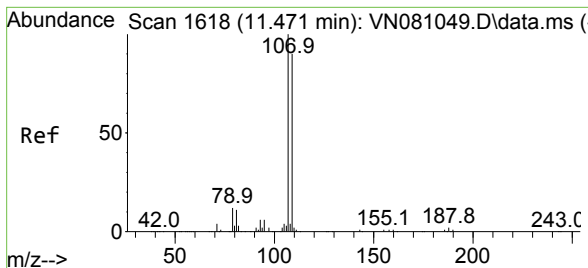
Tgt Ion: 43 Resp: 938898  
Ion Ratio Lower Upper  
43 100  
58 53.9 25.9 77.8



#60  
Dibromochloromethane  
Concen: 65.115 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 129 Resp: 197941  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.4 118.2

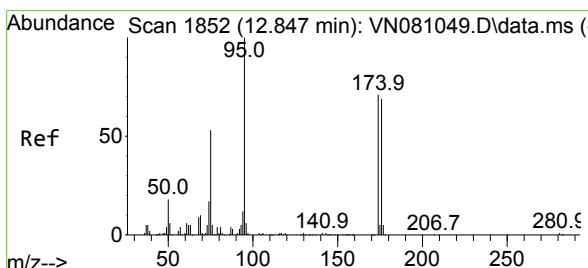
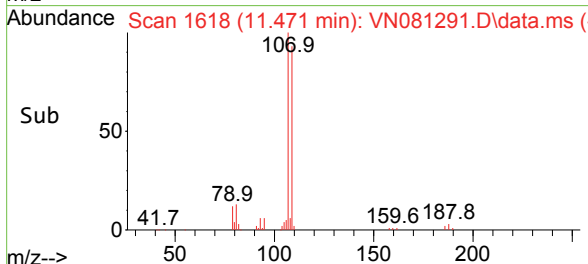
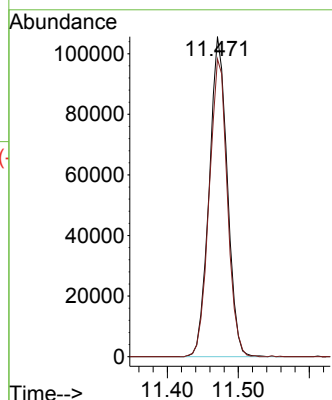
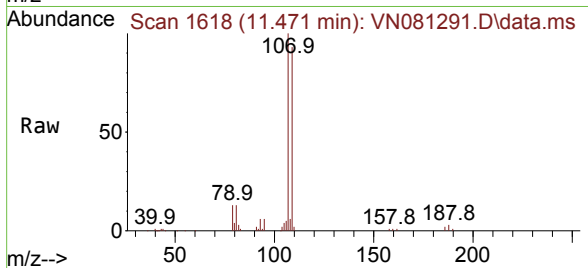




#61  
1,2-Dibromoethane  
Concen: 62.088 ug/l  
RT: 11.471 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

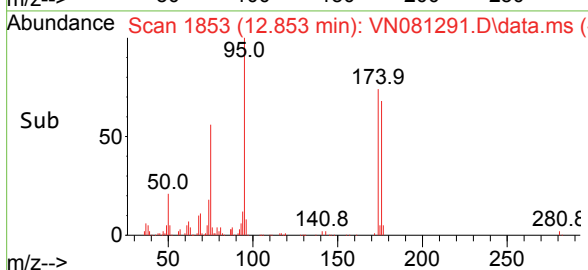
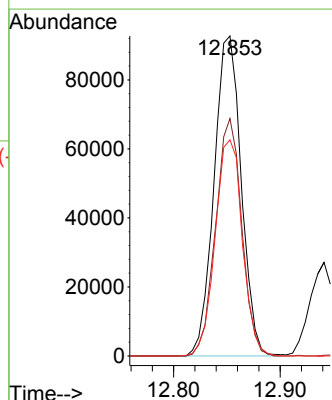
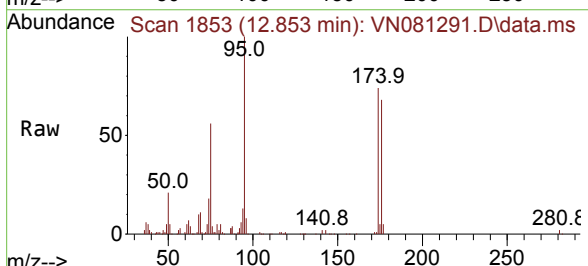
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

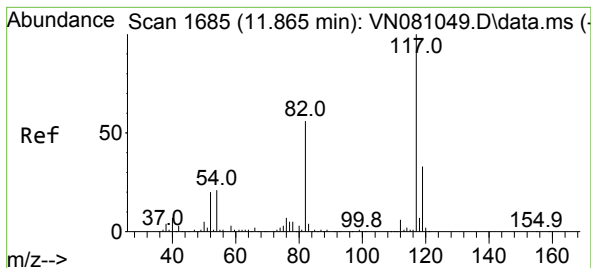
Tgt Ion:107 Resp: 186827  
Ion Ratio Lower Upper  
107 100  
109 93.4 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 51.945 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 95 Resp: 164289  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 120.4  
176 67.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

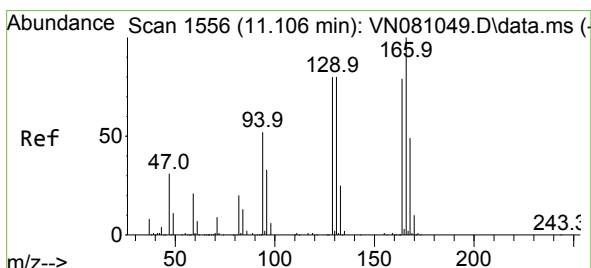
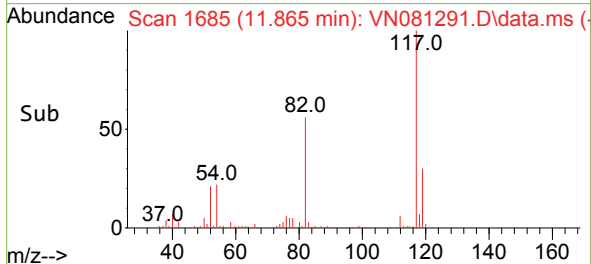
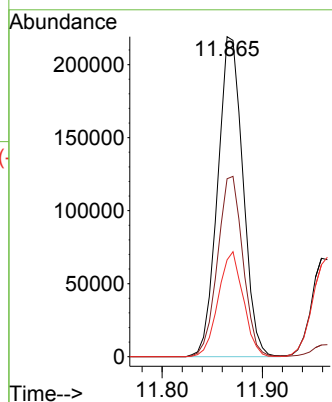
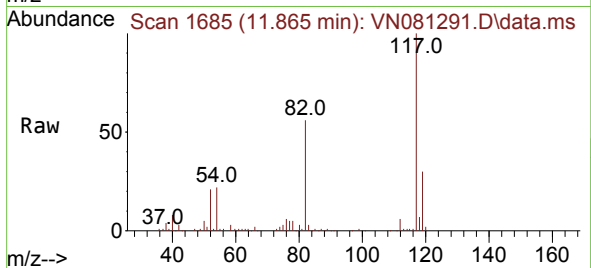
Tgt Ion:117 Resp: 382674

Ion Ratio Lower Upper

117 100

82 55.6 52.7 79.1

119 30.2 25.3 37.9



#64

Tetrachloroethene

Concen: 59.167 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion:164 Resp: 154530

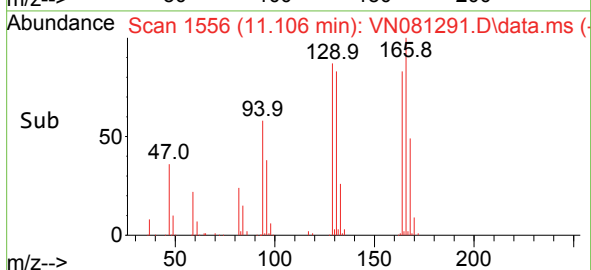
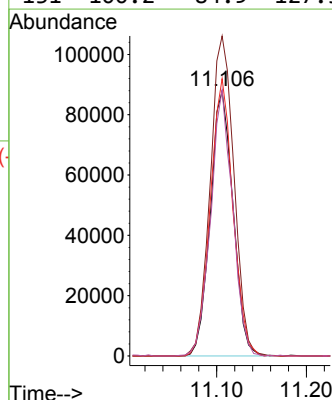
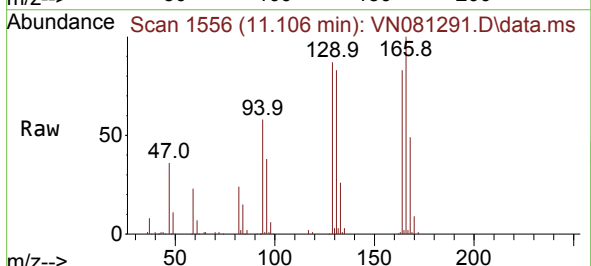
Ion Ratio Lower Upper

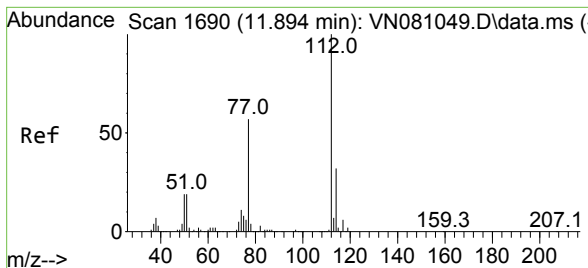
164 100

166 120.8 105.8 158.6

129 104.7 89.6 134.4

131 100.2 84.9 127.3

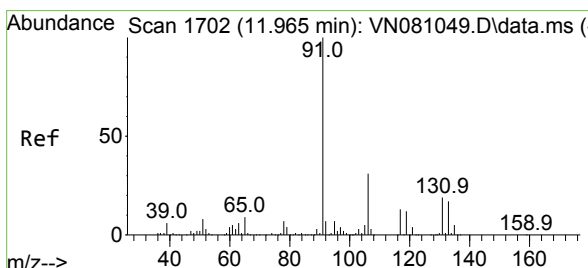
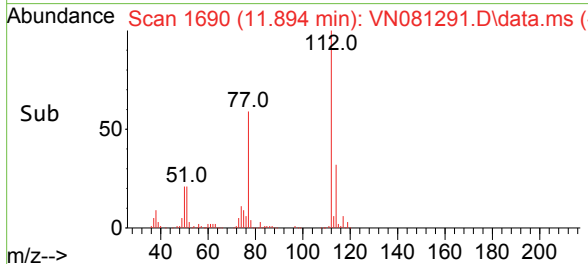
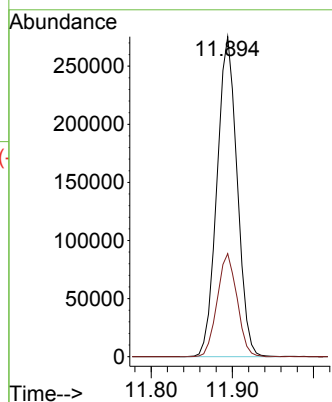
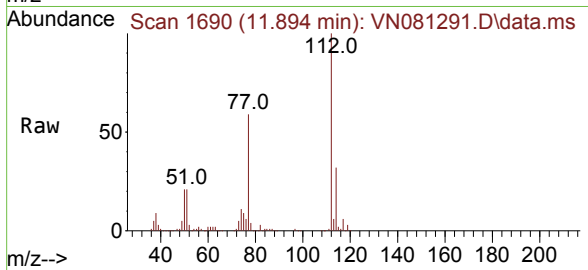




#65  
Chlorobenzene  
Concen: 57.424 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

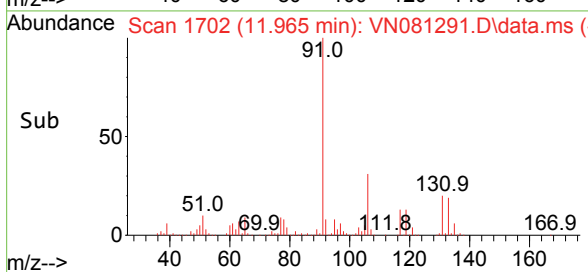
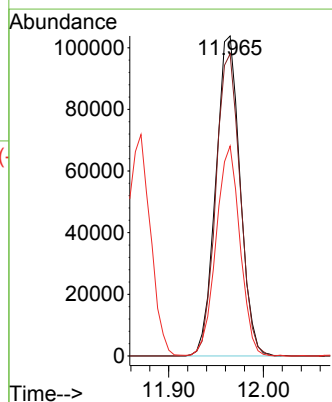
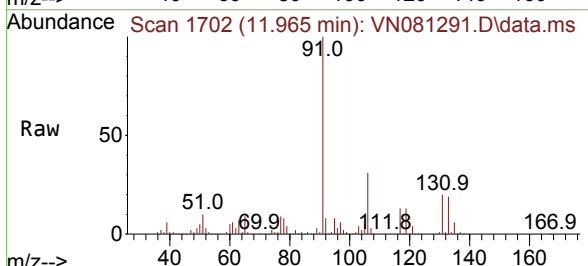
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

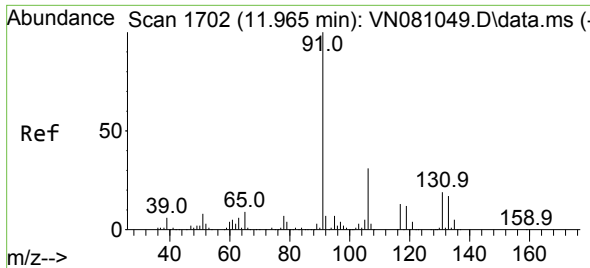
Tgt Ion:112 Resp: 475602  
Ion Ratio Lower Upper  
112 100  
114 32.2 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 62.193 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:131 Resp: 185010  
Ion Ratio Lower Upper  
131 100  
133 94.5 46.8 140.3  
119 64.9 34.6 103.9

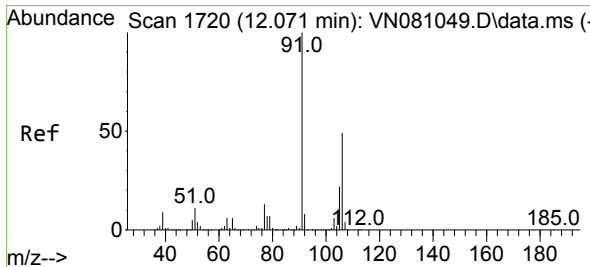
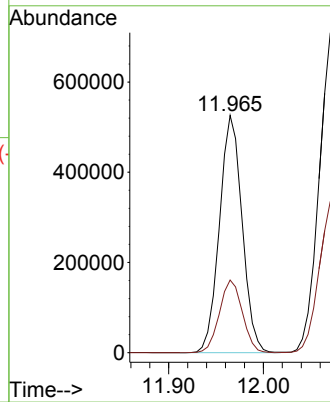
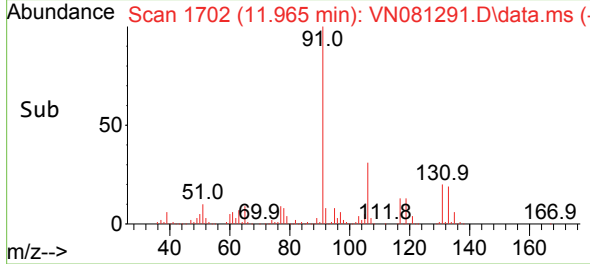
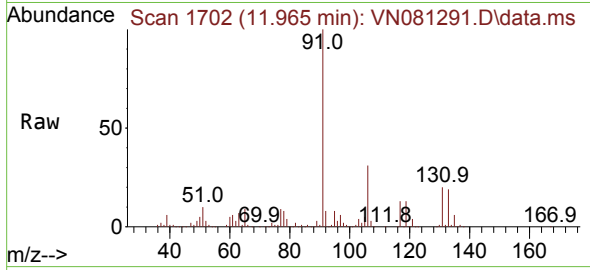




#67  
Ethyl Benzene  
Concen: 59.101 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

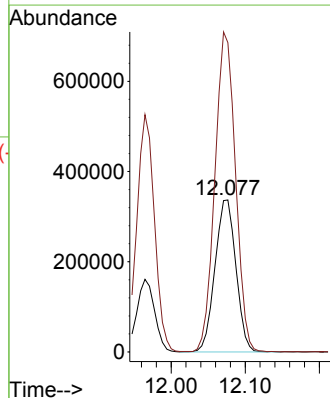
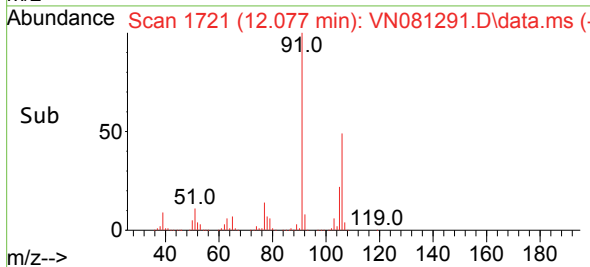
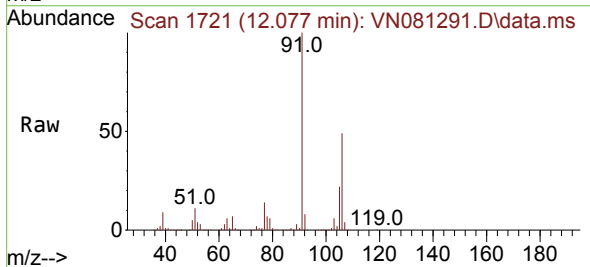
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

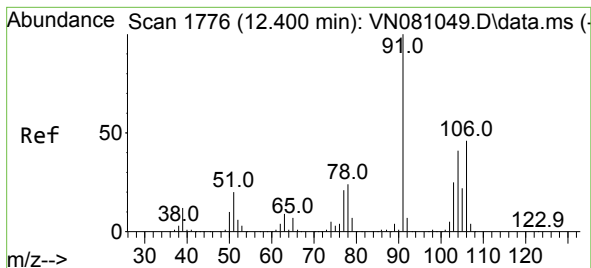
Tgt Ion: 91 Resp: 875900  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.8 35.6



#68  
m/p-Xylenes  
Concen: 116.628 ug/l  
RT: 12.077 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 106 Resp: 662520  
Ion Ratio Lower Upper  
106 100  
91 206.8 169.0 253.6





#69

o-Xylene

Concen: 57.834 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

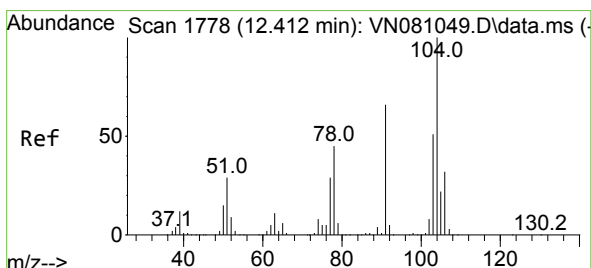
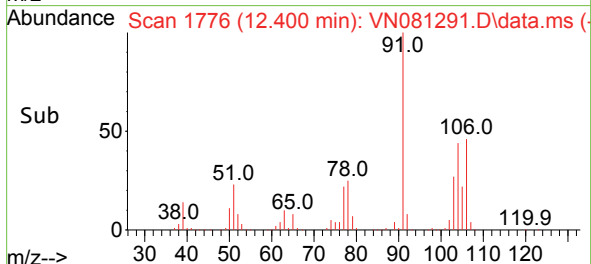
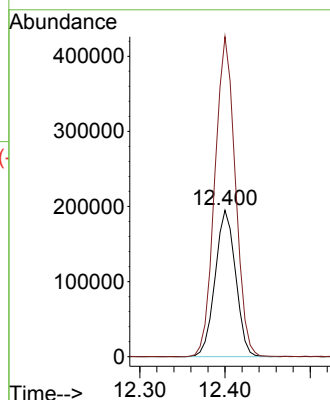
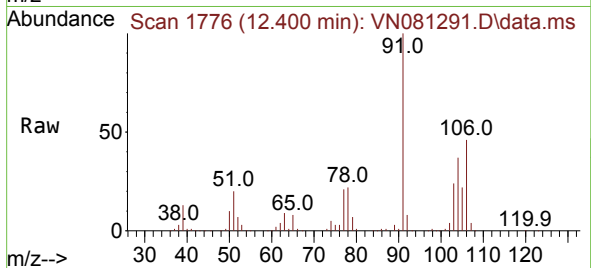
VSTDCCC050EC

Tgt Ion:106 Resp: 325660

Ion Ratio Lower Upper

106 100

91 218.9 112.1 336.3



#70

Styrene

Concen: 60.512 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

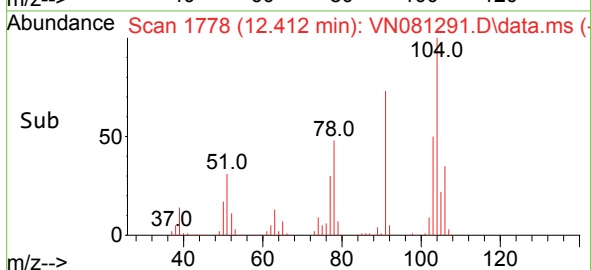
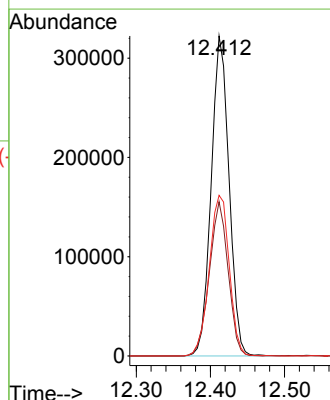
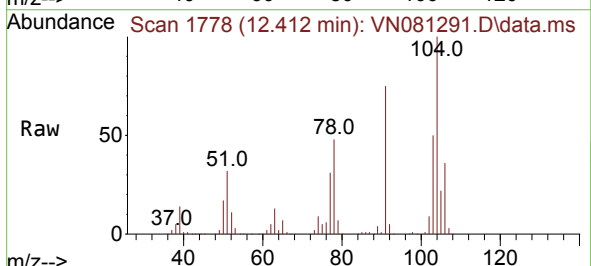
Tgt Ion:104 Resp: 539940

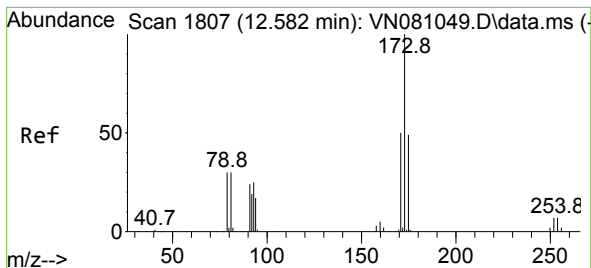
Ion Ratio Lower Upper

104 100

78 50.7 43.8 65.8

103 56.1 44.2 66.2





#71

Bromoform

Concen: 66.699 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

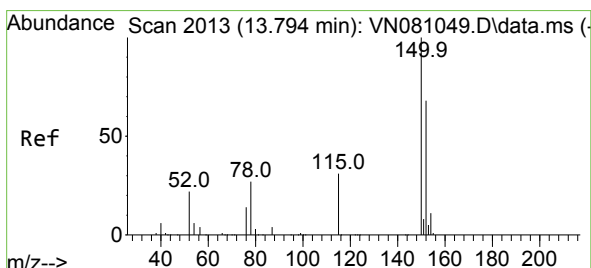
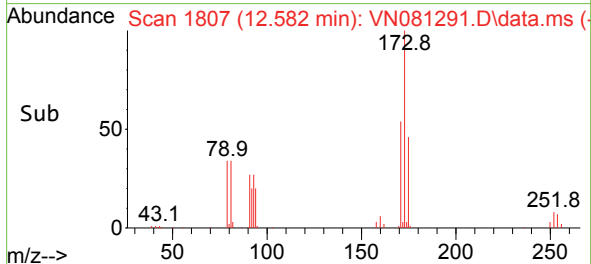
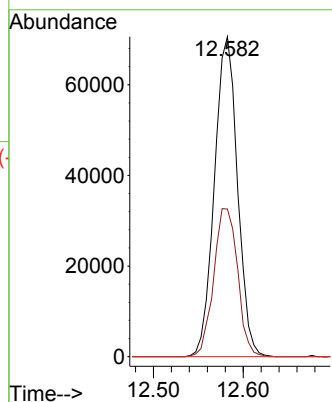
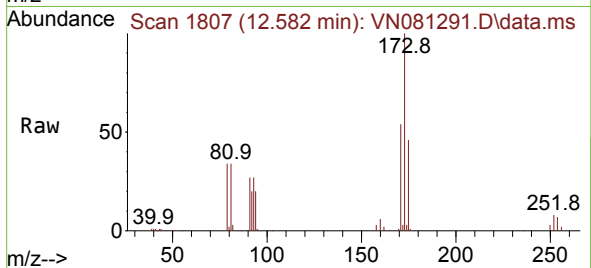
Tgt Ion:173 Resp: 125882

Ion Ratio Lower Upper

173 100

175 48.0 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

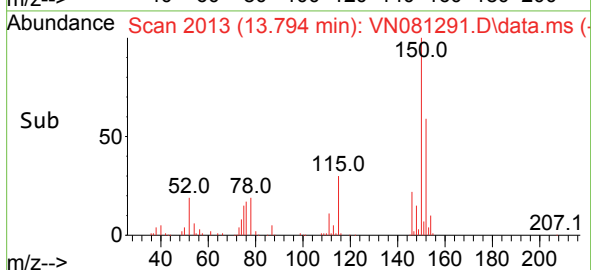
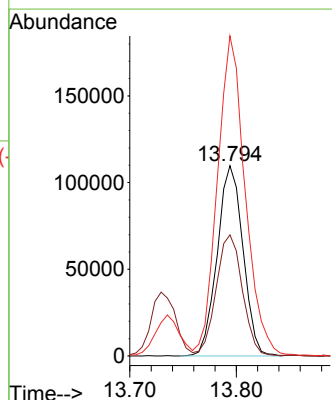
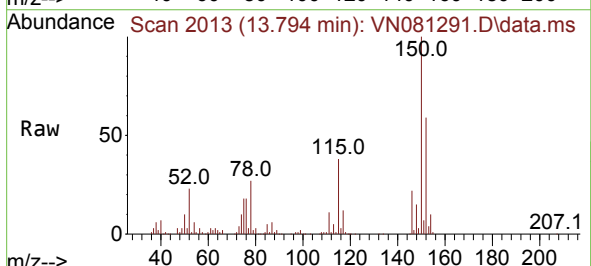
Tgt Ion:152 Resp: 184282

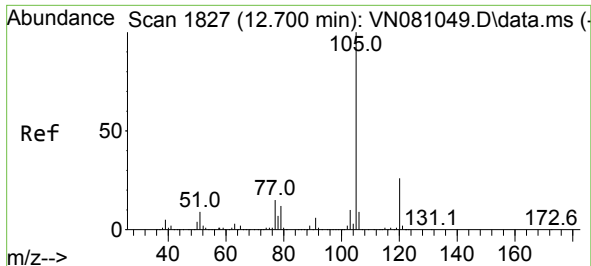
Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 181.4 0.0 339.8

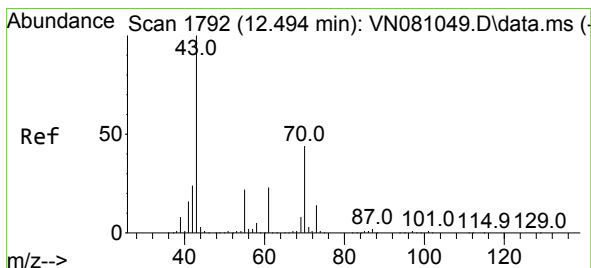
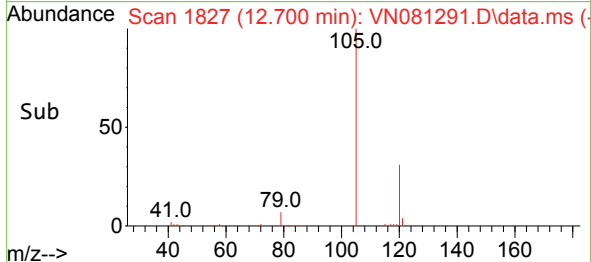
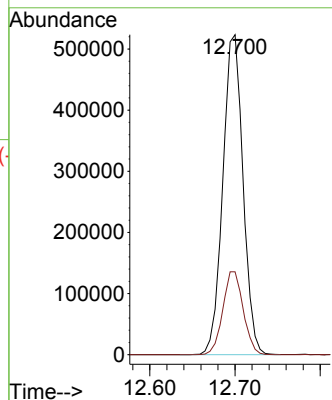
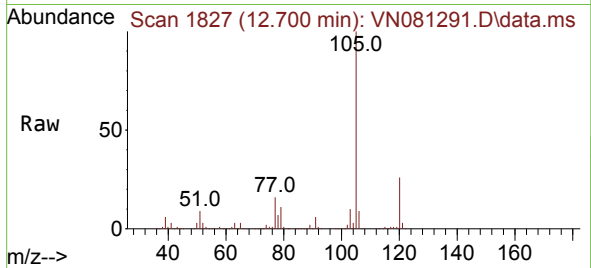




#73  
Isopropylbenzene  
Concen: 53.525 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

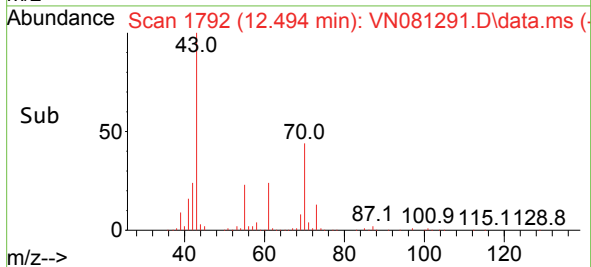
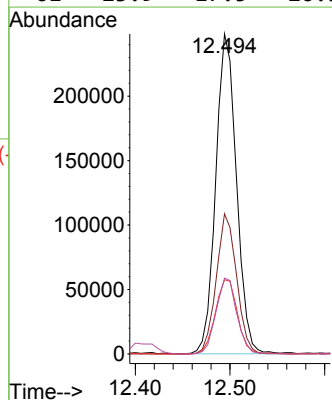
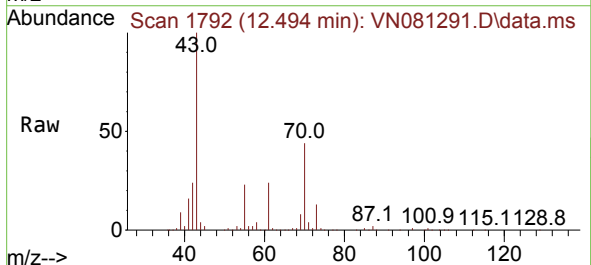
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

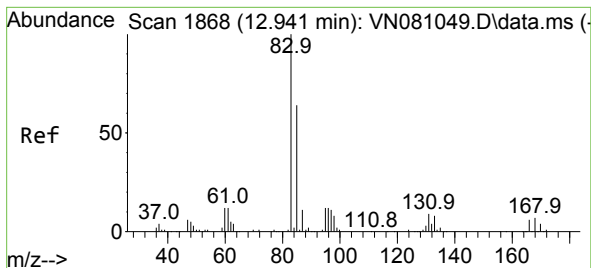
Tgt Ion:105 Resp: 863011  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.6 37.6



#74  
N-ethyl acetate  
Concen: 55.360 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 43 Resp: 377246  
Ion Ratio Lower Upper  
43 100  
70 43.2 30.1 45.1  
55 24.8 17.0 25.4  
61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 59.545 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

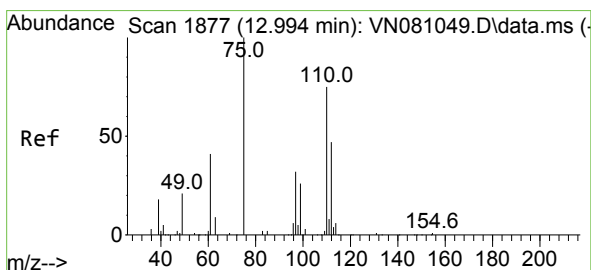
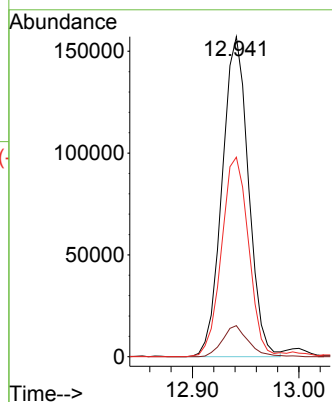
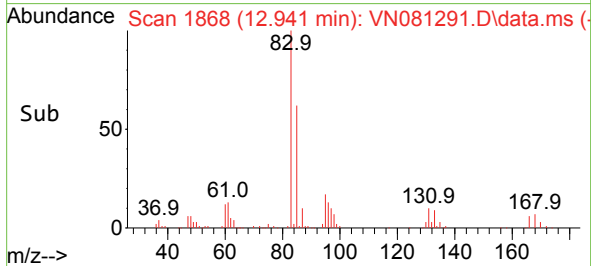
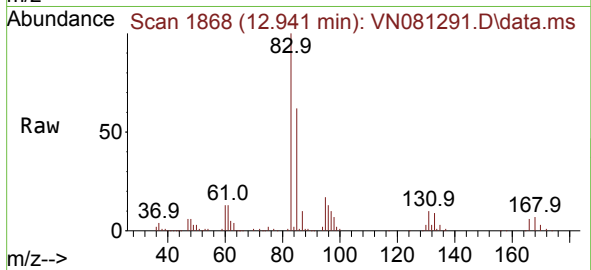
Tgt Ion: 83 Resp: 269962

Ion Ratio Lower Upper

83 100

131 9.6 4.1 12.3

85 64.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 84.060 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081291.D

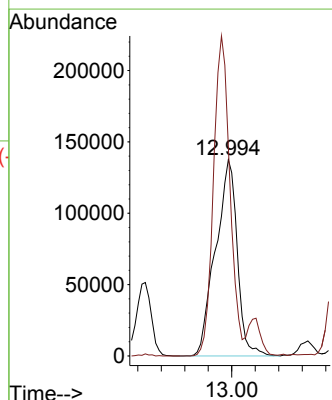
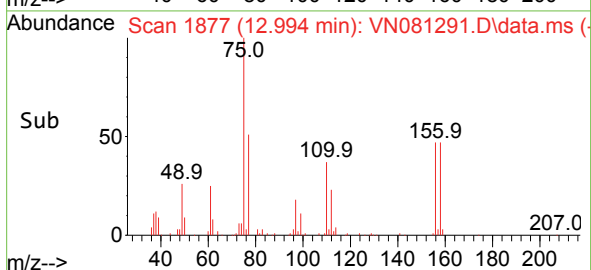
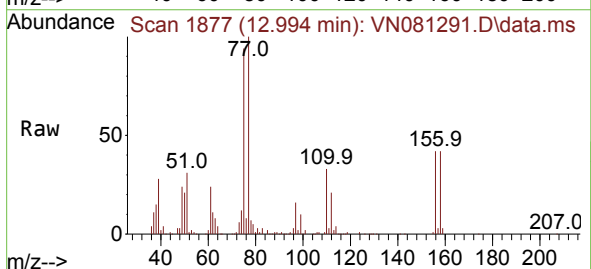
Acq: 01 Mar 2024 17:31

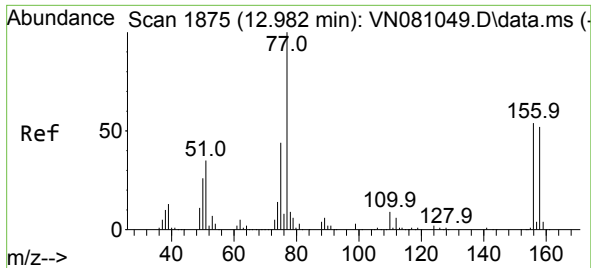
Tgt Ion: 75 Resp: 351960

Ion Ratio Lower Upper

75 100

77 123.5 91.0 272.8

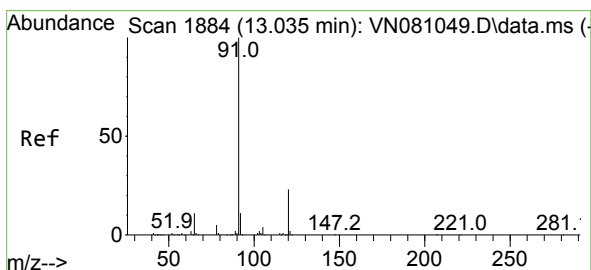
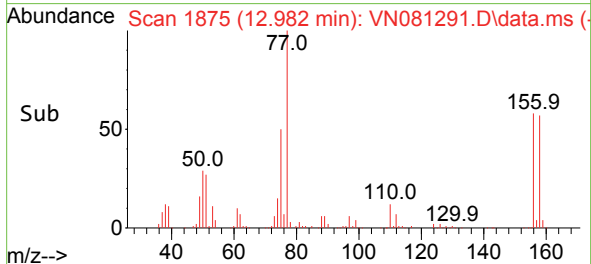
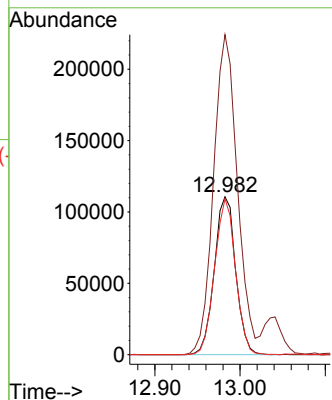
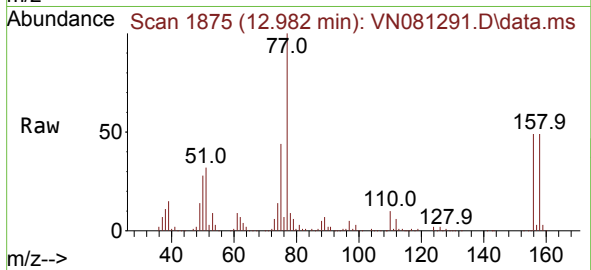




#77  
Bromobenzene  
Concen: 53.541 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

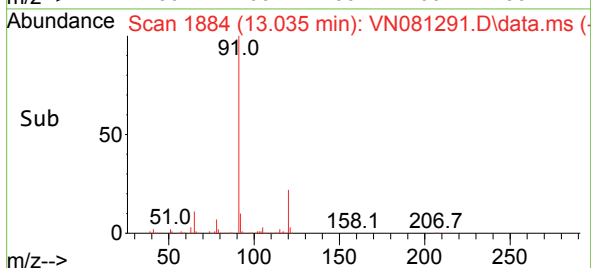
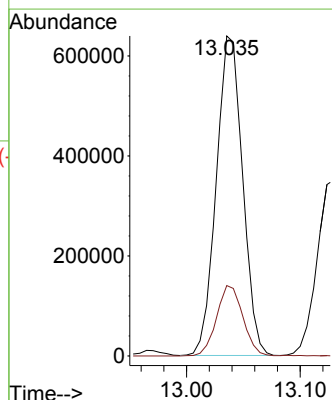
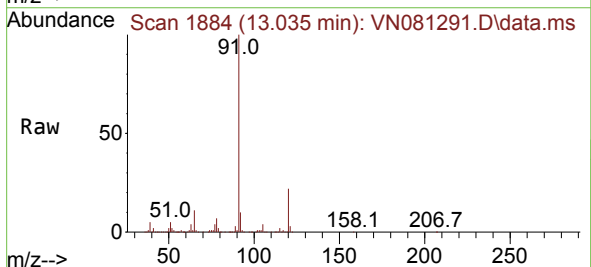
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

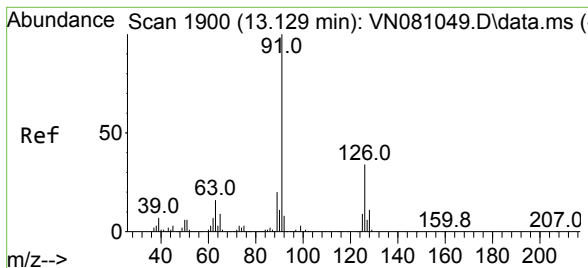
Tgt Ion:156 Resp: 192485  
Ion Ratio Lower Upper  
156 100  
77 225.8 138.1 414.3  
158 96.7 46.5 139.5



#78  
n-propylbenzene  
Concen: 55.497 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 91 Resp: 1030093  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.3 30.9

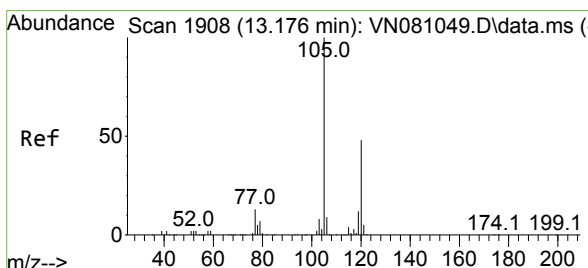
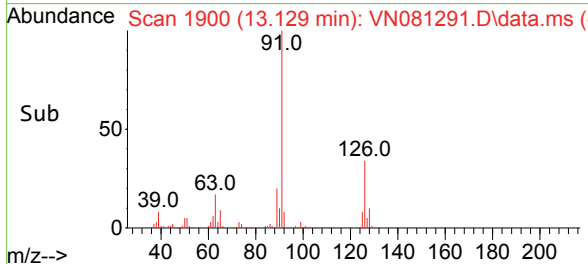
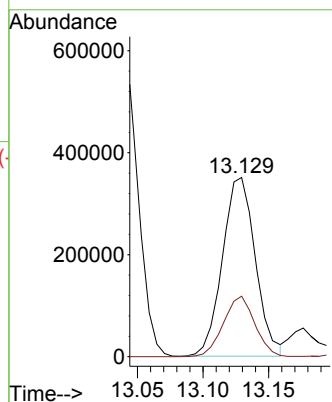
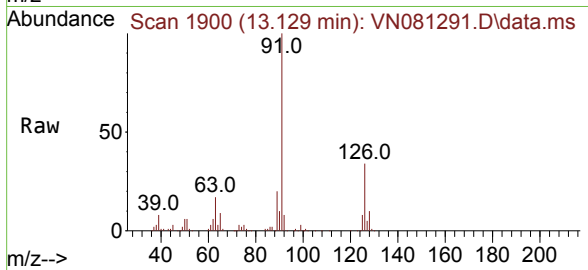




#79  
2-Chlorotoluene  
Concen: 53.816 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

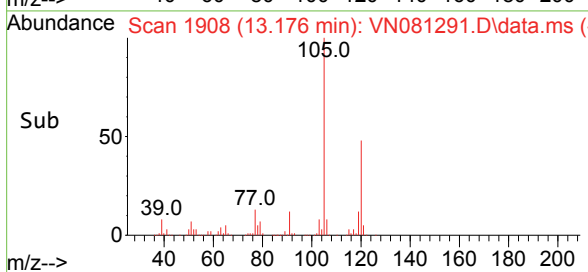
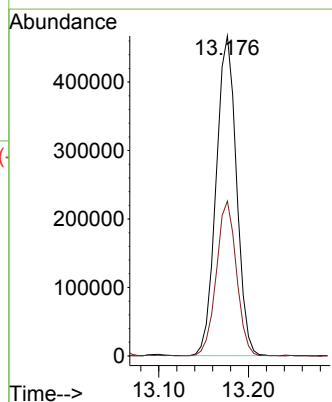
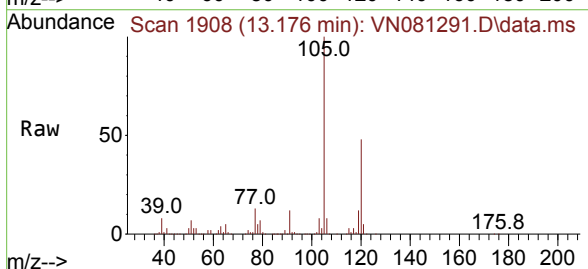
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

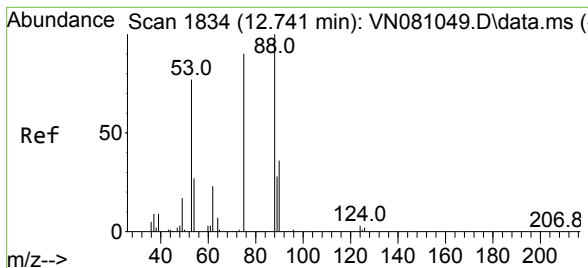
Tgt Ion: 91 Resp: 612690  
Ion Ratio Lower Upper  
91 100  
126 32.3 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 56.173 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 105 Resp: 734334  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.0 69.0

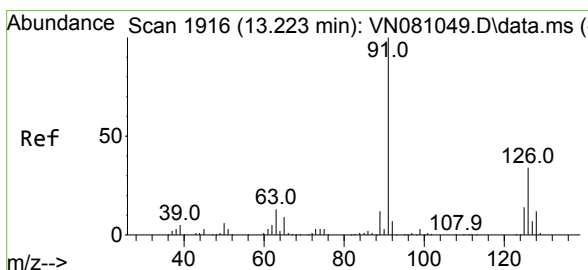
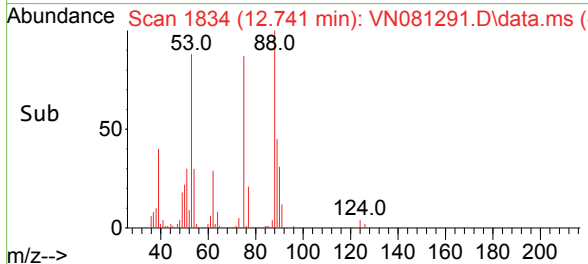
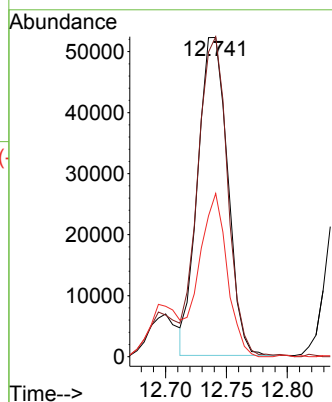
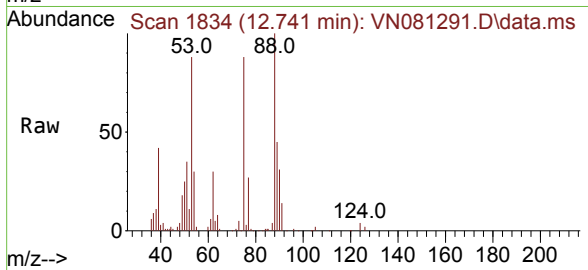




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.446 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

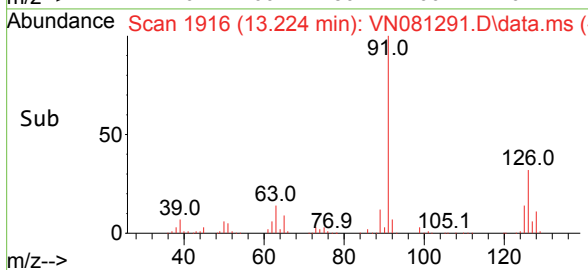
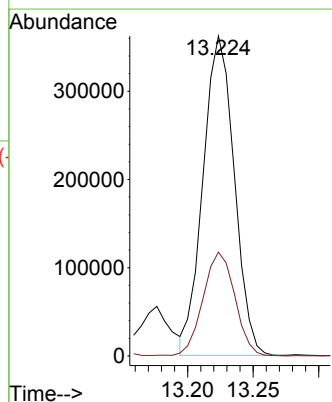
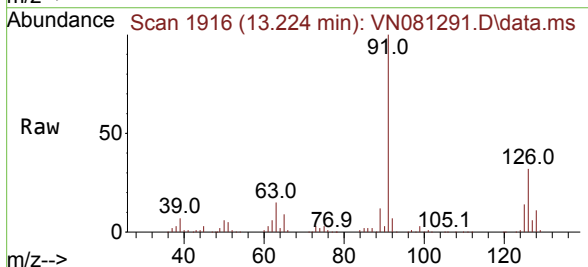
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

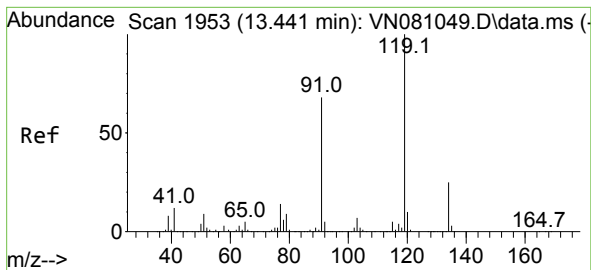
Tgt Ion: 75 Resp: 88567  
Ion Ratio Lower Upper  
75 100  
53 100.8 71.4 107.2  
89 48.6 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 53.933 ug/l  
RT: 13.224 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 91 Resp: 600375  
Ion Ratio Lower Upper  
91 100  
126 33.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 54.759 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

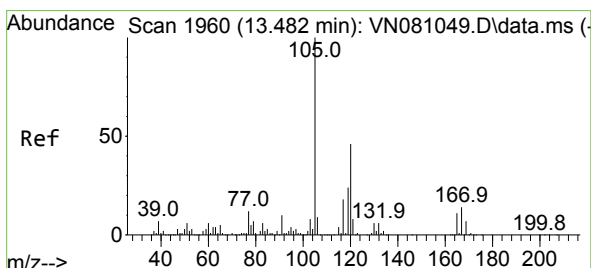
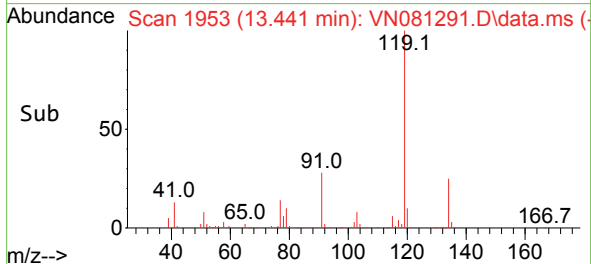
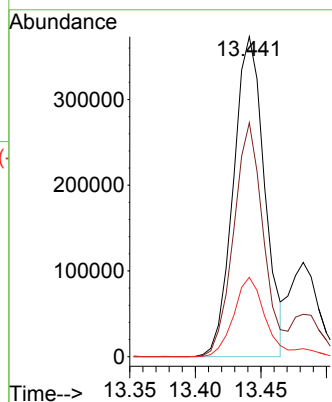
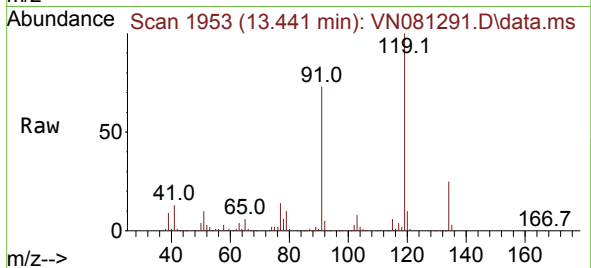
Tgt Ion:119 Resp: 618985

Ion Ratio Lower Upper

119 100

91 70.1 36.8 110.4

134 26.3 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 56.696 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081291.D

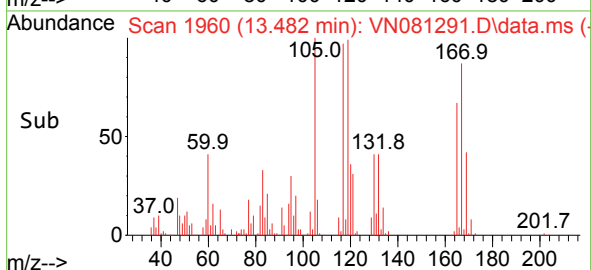
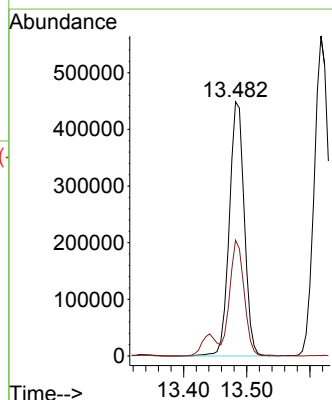
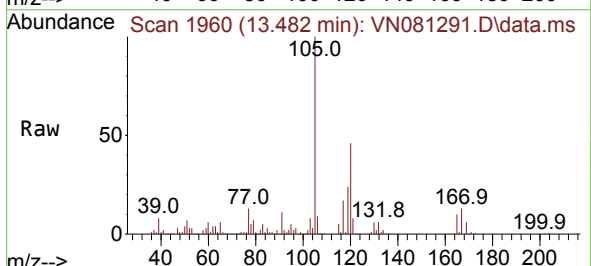
Acq: 01 Mar 2024 17:31

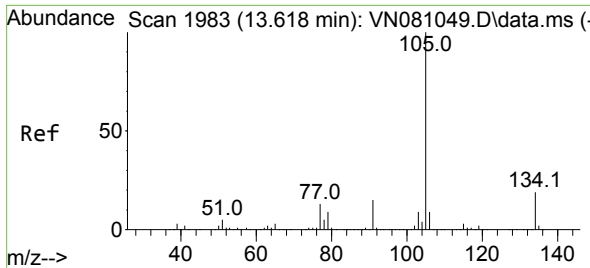
Tgt Ion:105 Resp: 738570

Ion Ratio Lower Upper

105 100

120 43.5 20.9 62.7

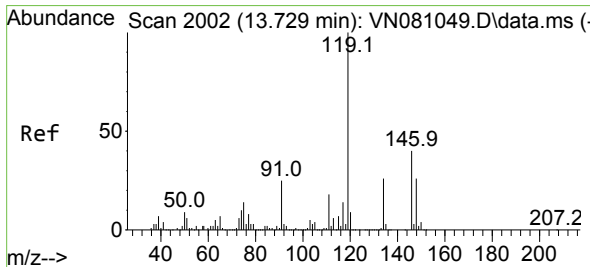
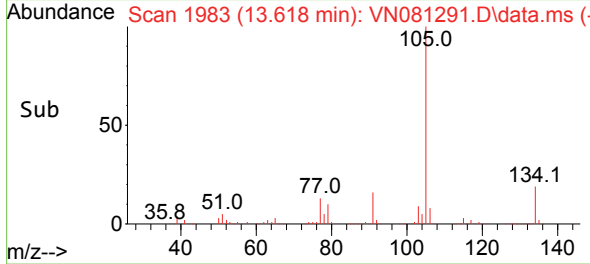
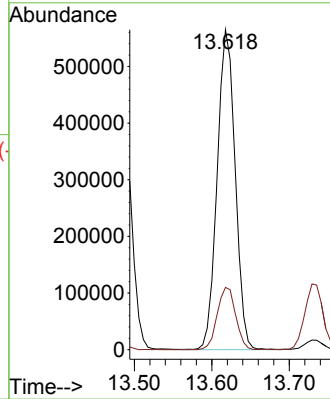
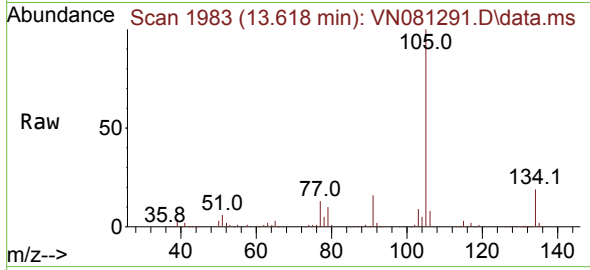




#85  
sec-Butylbenzene  
Concen: 58.097 ug/l  
RT: 13.618 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

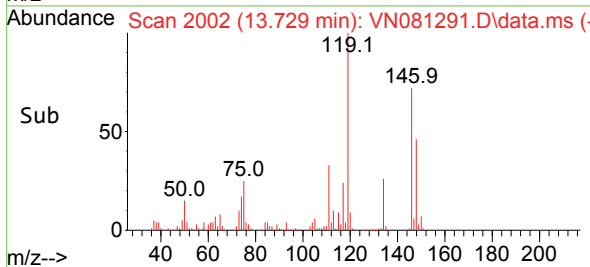
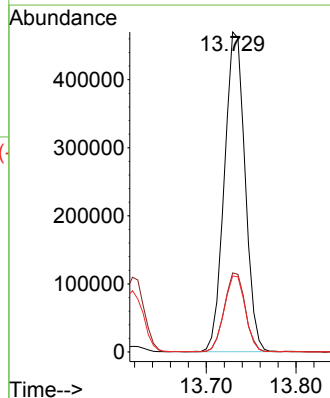
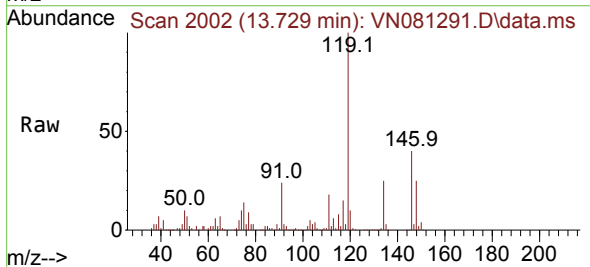
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

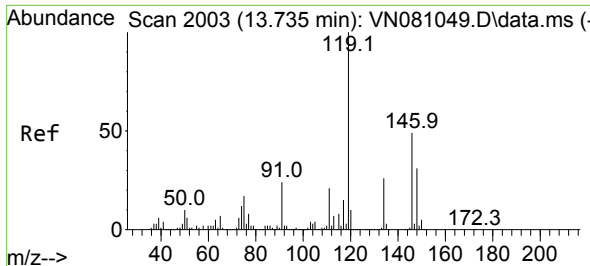
Tgt Ion:105 Resp: 912975  
Ion Ratio Lower Upper  
105 100  
134 19.9 8.6 25.8



#86  
p-Isopropyltoluene  
Concen: 57.569 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:119 Resp: 751434  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.4 37.2  
91 24.2 13.5 40.4

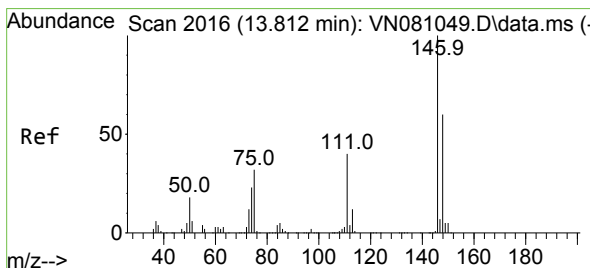
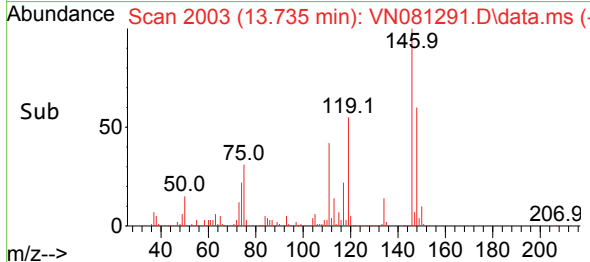
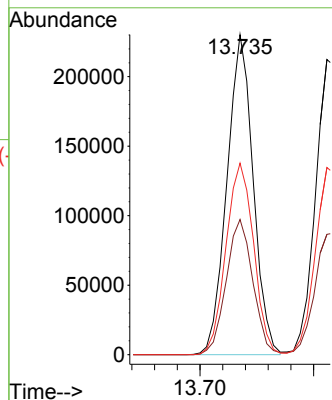
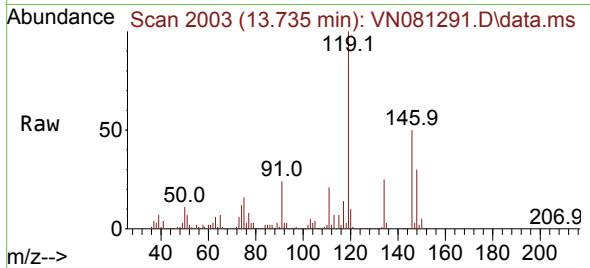




#87  
1,3-Dichlorobenzene  
Concen: 54.366 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

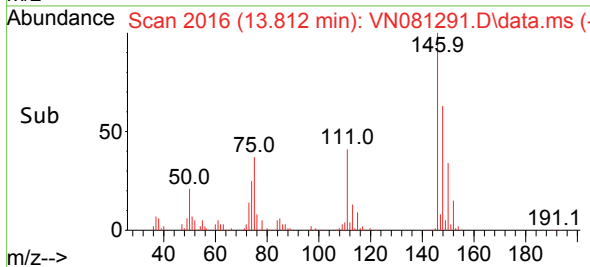
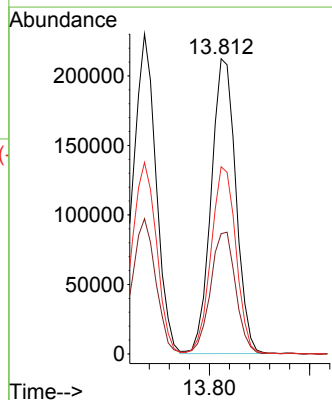
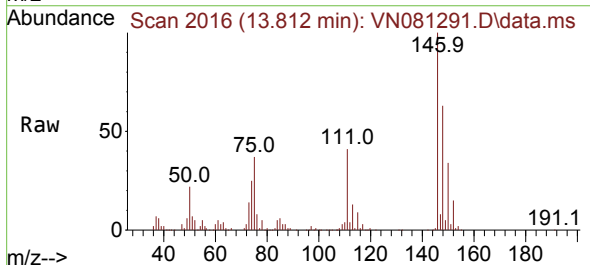
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

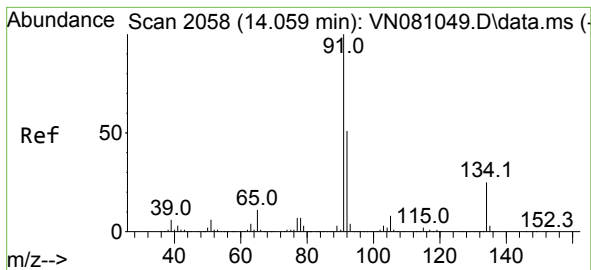
Tgt Ion:146 Resp: 369291  
Ion Ratio Lower Upper  
146 100  
111 43.1 23.9 71.7  
148 63.1 32.6 97.7



#88  
1,4-Dichlorobenzene  
Concen: 54.371 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion:146 Resp: 362904  
Ion Ratio Lower Upper  
146 100  
111 42.4 22.6 67.7  
148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 58.354 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

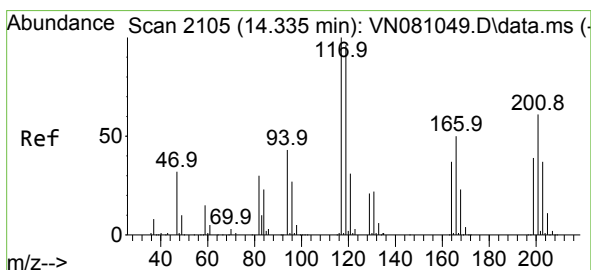
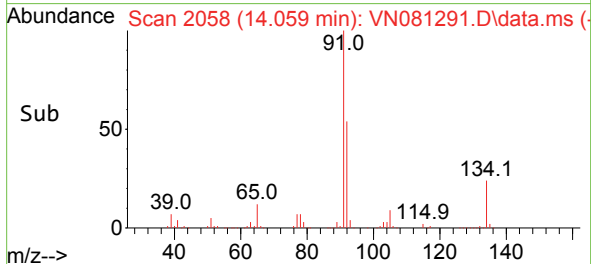
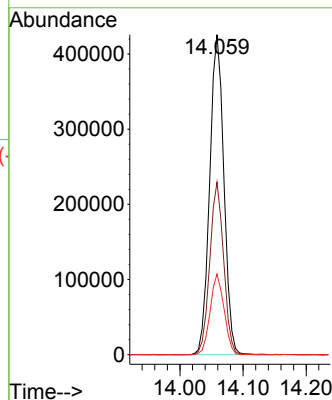
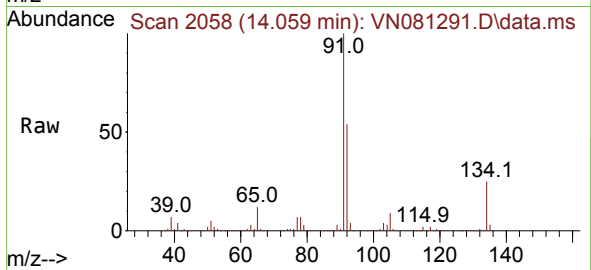
Tgt Ion: 91 Resp: 663577

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.1

134 24.7 10.8 32.4



#90

Hexachloroethane

Concen: 62.826 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081291.D

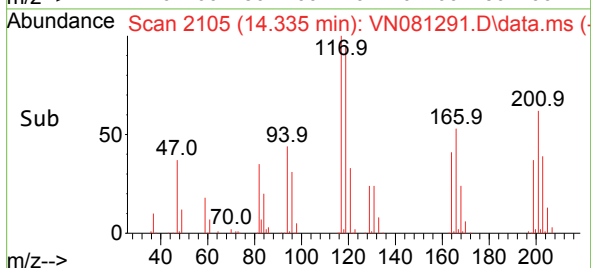
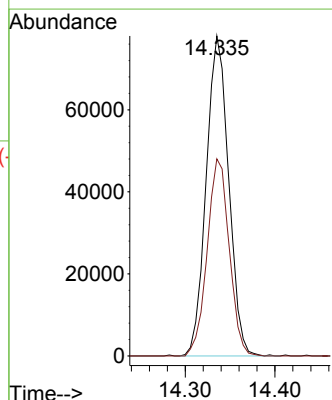
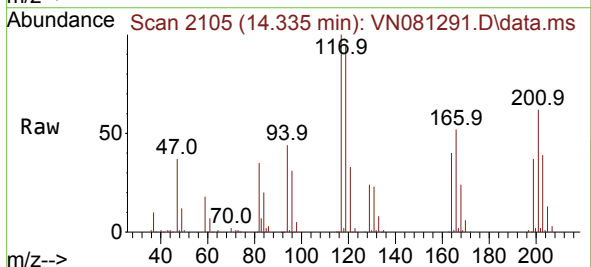
Acq: 01 Mar 2024 17:31

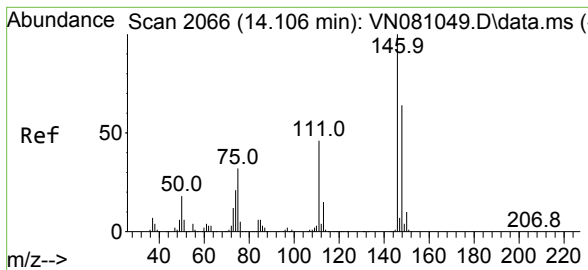
Tgt Ion: 117 Resp: 135551

Ion Ratio Lower Upper

117 100

201 60.5 30.0 90.0

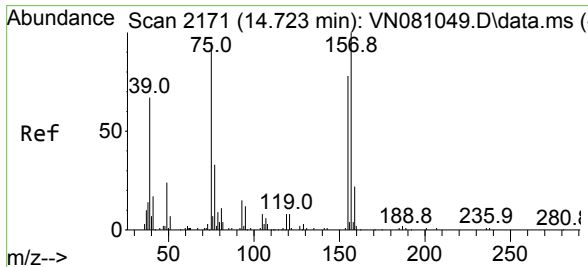
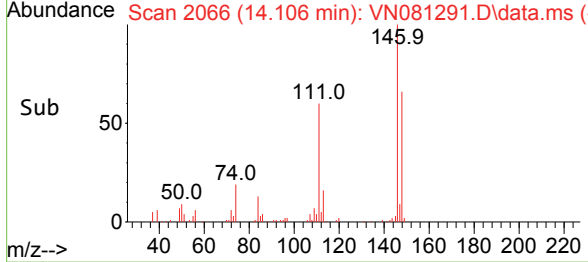
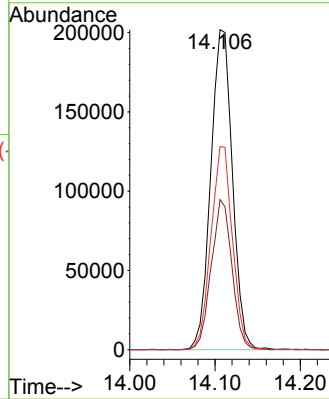
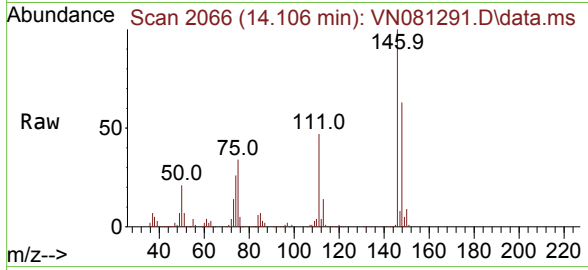




#91  
1,2-Dichlorobenzene  
Concen: 54.427 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

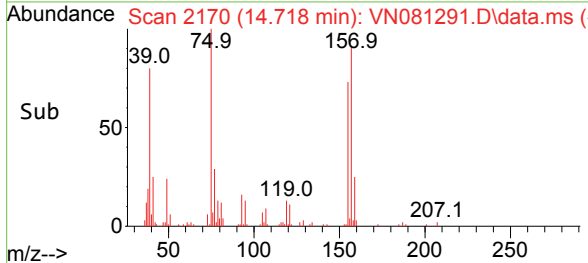
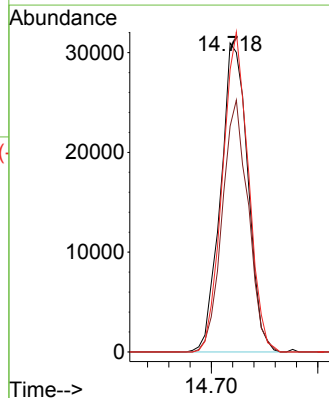
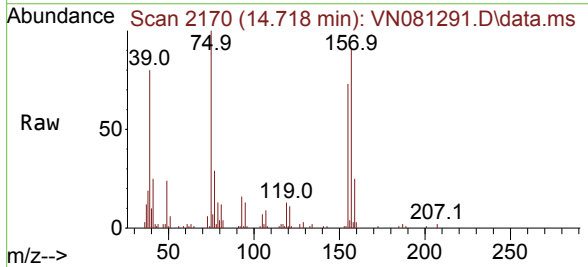
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

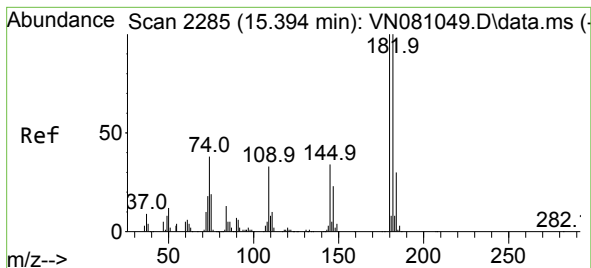
Tgt Ion:146 Resp: 356576  
Ion Ratio Lower Upper  
146 100  
111 44.9 23.9 71.8  
148 62.8 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 58.298 ug/l  
RT: 14.718 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN081291.D  
Acq: 01 Mar 2024 17:31

Tgt Ion: 75 Resp: 54953  
Ion Ratio Lower Upper  
75 100  
155 77.8 31.8 95.4  
157 98.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 54.117 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

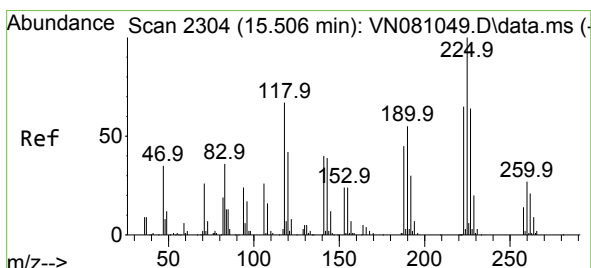
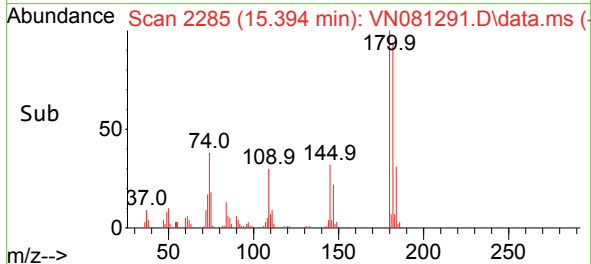
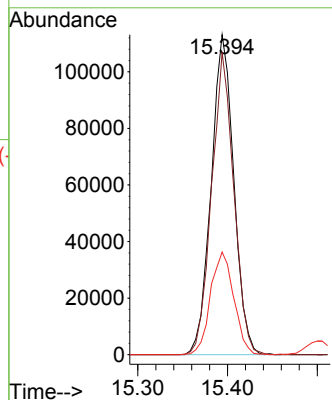
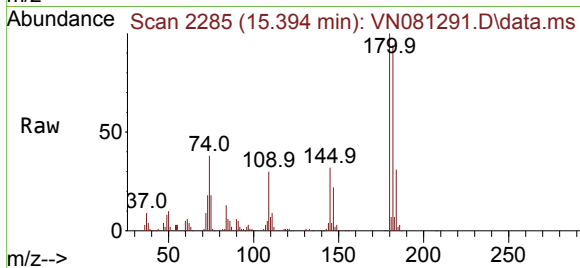
Tgt Ion:180 Resp: 197799

Ion Ratio Lower Upper

180 100

182 92.6 46.6 139.7

145 33.1 16.8 50.3



#94

Hexachlorobutadiene

Concen: 53.809 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

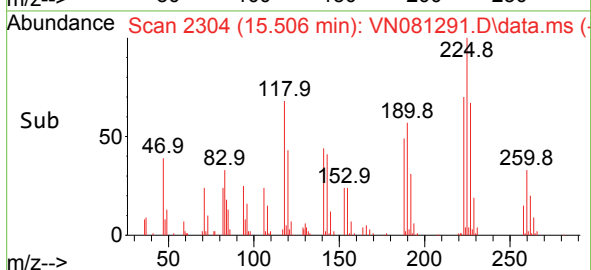
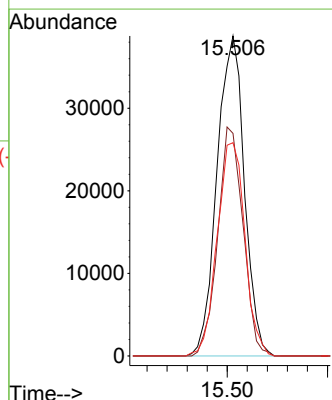
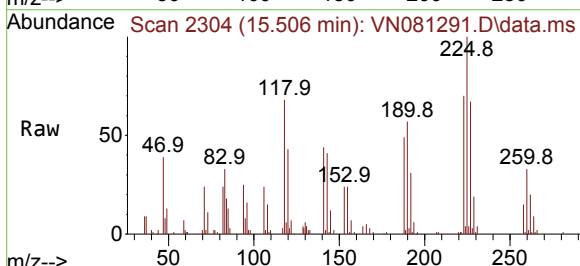
Tgt Ion:225 Resp: 73349

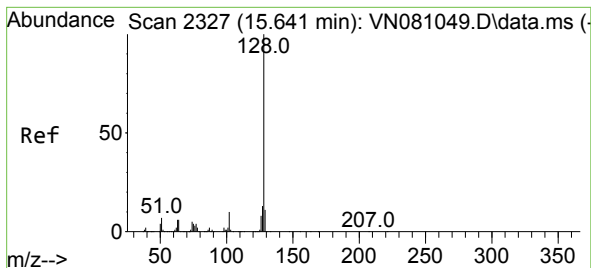
Ion Ratio Lower Upper

225 100

223 66.2 33.3 99.8

227 67.4 33.1 99.2





#95

Naphthalene

Concen: 54.420 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

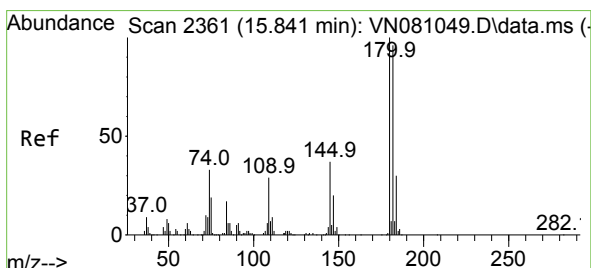
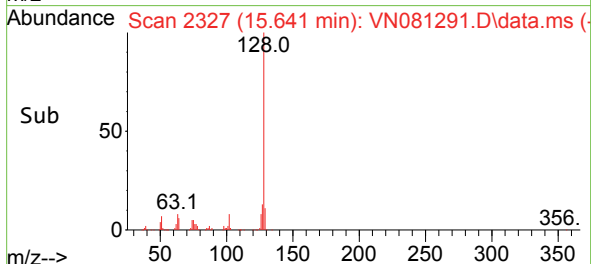
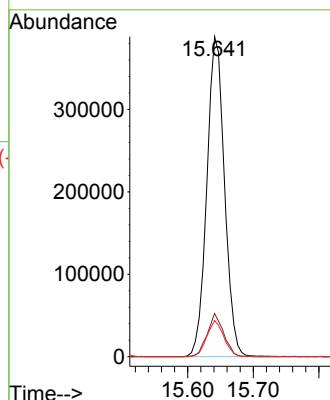
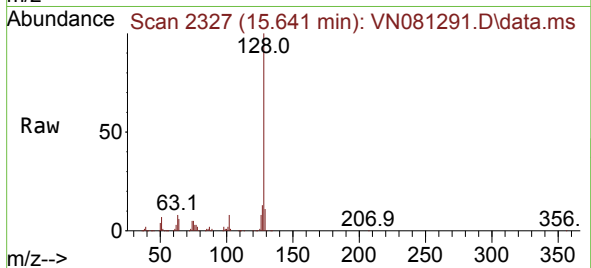
Tgt Ion:128 Resp: 728890

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.319 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081291.D

Acq: 01 Mar 2024 17:31

Tgt Ion:180 Resp: 200581

Ion Ratio Lower Upper

180 100

182 96.2 46.5 139.3

145 34.9 17.8 53.4

